

# MONA OFFSHORE WIND PROJECT

## Environmental Statement

### Volume 7, Annex 8.2: Base traffic flows

Document Number: MOCNS-J3303-RPS-10130

Document Reference: F7.8.2

AP Regulations: 5(2)(a)

February 2024

F01



Image of an offshore wind farm



MONA OFFSHORE WIND PROJECT

Document status					
Version	Purpose of document	Authored by	Reviewed by	Approved by	Review date
F01	Application	RPS	Mona Offshore Wind Ltd	Mona Offshore Wind Ltd	Feb 2024
Prepared by:		Prepared for:			
RPS		Mona Offshore Wind Ltd.			



## MONA OFFSHORE WIND PROJECT

### Contents

<b>1</b>	<b>BASE TRAFFIC FLOWS.....</b>	<b>1</b>
1.1	Introduction .....	1
1.2	Traffic survey data .....	1
1.3	Base traffic flows.....	4

### Tables

Table 1.1: Descriptions of traffic survey data locations .....	1
Table 1.1: Descriptions of traffic survey data locations .....	1
Table 1.2: 2022 Base traffic flows .....	5
Table 1.3: 2026 Growthed traffic flows .....	6
Table 1.4: Committed development – Llys Onnen, 22 Water Street, Abergele traffic flows.....	7
Table 1.5: Committed development – TRB Drive, St Asaph Business Park traffic flows .....	8
Table 1.6: Committed development – Unit 4, Llys Edmund Prys, Parc Busnes, Llanelwy traffic flows.....	9
Table 1.7: Committed development – Vista Site, Glascoed Road, St Asaph traffic flows.....	10
Table 1.8: Committed development – Tyn farm, Upper Denbigh, St Asaph traffic flows.....	11
Table 1.9: 2026 Baseline traffic flows .....	12

### Figures

Figure 1.1: Traffic survey location plan .....	3
Figure 1.2: Traffic and transport study area and highway network overview .....	11

### Appendices

<b>APPENDIX A : 2022 ATC SURVEY DATA.....</b>	<b>12</b>
<b>APPENDIX B: 2022 MCC SURVEY DATA.....</b>	<b>13</b>
<b>APPENDIX C: 2023 MCC AND QLS SURVEY DATA.....</b>	<b>14</b>
<b>APPENDIX D: 2023 PEDESTRIAN COUNT SURVEY DATA.....</b>	<b>15</b>



## MONA OFFSHORE WIND PROJECT

### Glossary

Term	Meaning
Annual Average Daily Traffic Flows (AADT)	The total volume of vehicular traffic on a section of highway for a year divided by 365 days.
Growthed	The application of traffic growth rates to traffic flows
Heavy Vehicle (HV)	Any goods or passenger vehicle which has an operating weight exceeding 7.5 tonnes.

### Acronyms

Acronym	Description
AADT	Annual Average Daily Traffic Flows
ATC	Automatic Traffic Counters
HV	Heavy Vehicle
QLS	Queue length survey
MCC	Manual Classified Count



# 1 Base Traffic Flows

## 1.1 Introduction

- 1.1.1.1 This annex presents the traffic survey data commissioned for the Mona Offshore Wind Project which has been used to inform the base traffic flows set out in Table 1.2 of this annex.
- 1.1.1.2 This annex also sets out a summary of base traffic flows for Mona Offshore Wind Project which have been used to define a baseline transport position as set out in Volume 3, Chapter 8: Traffic and transport of the Environmental Statement.

## 1.2 Traffic survey data

- 1.2.1.1 The traffic surveys commissioned for Mona Offshore Wind Project include the following:
- 2022 Automatic Traffic Counters (ATC)
  - 2022 Manual Classified Counts (MCC)
  - 2023 MCCs and queue length surveys (QLS)
  - 2023 pedestrian count surveys.
- 1.2.1.2 Section 8.4.6 of Volume 3, Chapter 8 Traffic and transport of the Environmental Statement sets out the extent and overview of each survey presented in the table and appendices below.
- 1.2.1.3 Table 1.1 of this annex presents the descriptions of the survey locations commissioned; this is also shown graphically on Figure 1.1.
- 1.2.1.4 The traffic survey data is included within Appendices A to D.

**Table 1.1: Descriptions of traffic survey data locations**

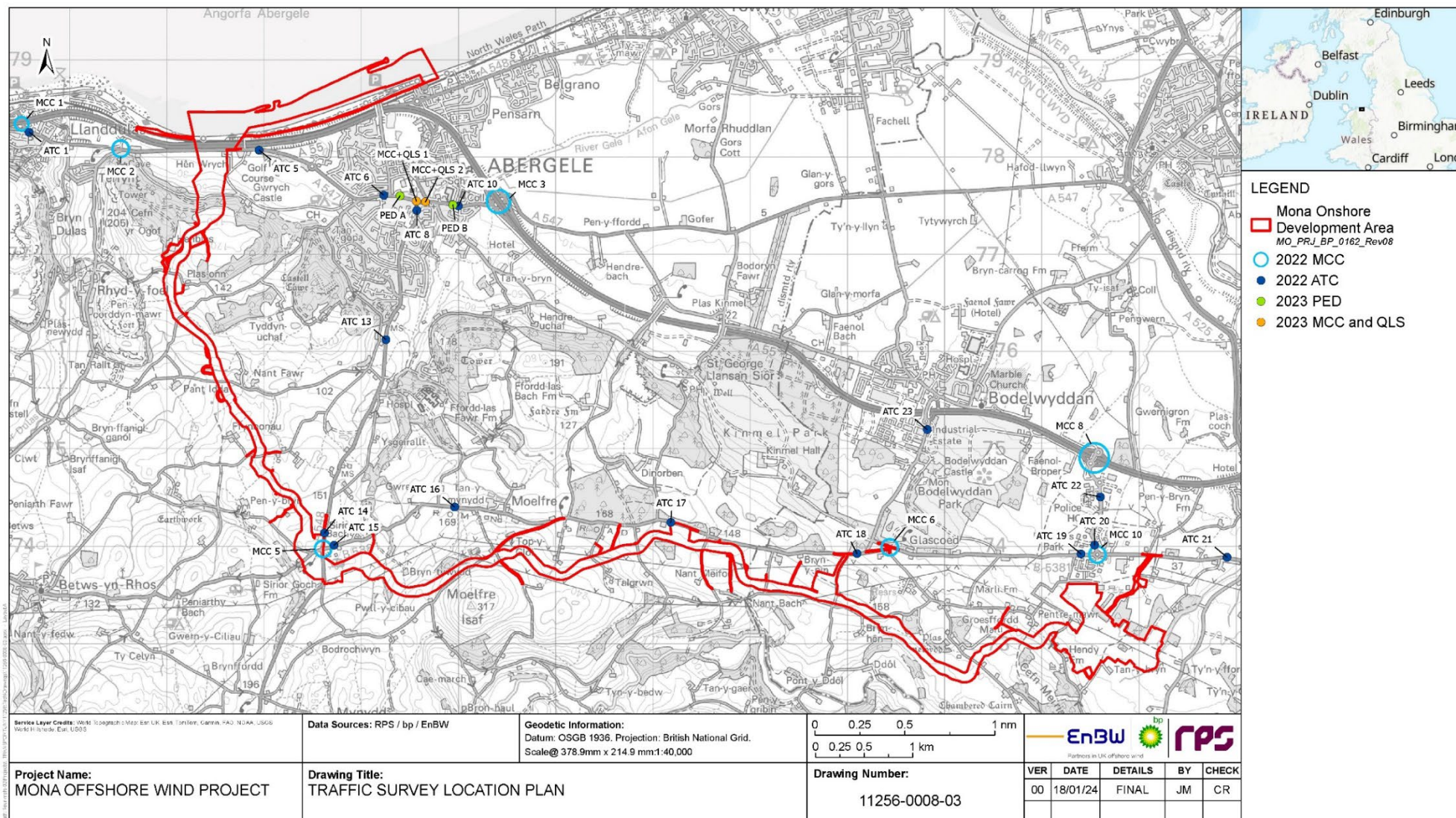
Survey	Location
<b>2022 ATCs</b>	
ATC 1	A547 Abergele Road east of roundabout with slip road for A55 junction 23. West of junction for Y Gelli
ATC 5	A547 Abergele Road between bus stop Hen Wrych and roundabout with access road for Cae Eithin
ATC 6	A547 Abergele Road between junction for Sea Road and the Broadway
ATC 8	A548 Chapel Street south of junction with A547
ATC 10	A547 Bridge Street between junctions for Maes-Y-Drive and Llys Jenkin
ATC 13	A548 south of road leading to Tan-Y-Gopa Road
ATC 14	A548 north of crossroads with B5381
ATC 15	B5381 east of crossroads with A548
ATC 16	B5381 Roman Road east of Fresh in Bloom Florist location



## MONA OFFSHORE WIND PROJECT

Survey	Location
ATC 17	B5381 north of location of Sarn-Rug
ATC 18	B5381 west of junction for road that leads north to Glascoed Road
ATC 19	B5381 east of roundabout with Ffordd William Morgan and Ffordd Richard Davies
ATC 20	Ffordd William Morgan north of roundabout with B5381 Glascoed Road and Ffordd Richard Davies
ATC 21	B5381 east of junction to Lon Coed Esgob
ATC 22	Ffordd William Morgan south of roundabout with access road to TRB
ATC 23	Engine Hill south of roundabout with slip road for A55 junction 25
<b>2022 MCCs</b>	
MCC 1	Roundabout between A547 Abergele Road and slip road for A55 junction 23
MCC 2	Junction between A547 Abergele Road and Rhyd-Y-Foel Road
MCC 3	Roundabout at junction 24 of A55
MCC 5	At crossroads with B5381 and A548
MCC 6	Junction between B5381 and Glascoed Road
MCC 8	Two roundabouts at junction 26 of A55
MCC 10	Roundabout between B5381 Glascoed Road, Ffordd William Morgan and Ffordd Richard Davies
<b>2023 MCC and QLS data</b>	
MCC + QLS 1	At A547 Market Street (east) / A548 Chapel Street / A547 Market Street (west) signalised junction
MCC + QLS 2	At A547 Market Street / A548 Water Street / A547 Bridge Street signalised junction
<b>2023 Pedestrian count surveys</b>	
PED A	Zebra crossing along A457 Market Street east of roundabout with access road with Tesco
PED B	Zebra crossing along A547 Rhuddlan Road west of junction for Llwyn Morfa



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### Figure 1.1: Traffic survey location plan



## 1.3 Base traffic flows

- 1.3.1.1 The 2022 base traffic flows are set out in Table 1.2 and have been used to define a baseline transport position as set out in Volume 3, Chapter 8: Traffic and transport of the Environmental Statement.
- 1.3.1.2 The base traffic flows have been obtained from the following sources:
- Automatic Traffic Counters (ATCs) installed between 28/04/2022 and 11/05/2022 (as set out in section 1.2)
  - Annual Average Daily Traffic Flows (AADT) data obtained from the Department for Transport as described in Volume 3, Chapter 8: Traffic and transport of the Environmental Statement.
- 1.3.1.3 The traffic flow locations have been determined based upon the routing of construction vehicles along the highway network within the traffic and transport study area and the sections of highway (highway links) that form this. Figure 1.2 of this annex presents the location of the highway link references listed.
- 1.3.1.4 The 2022 base traffic flows are set out in Table 1.2, 2026 growthed traffic flows are set out in Table 1.9, and committed development traffic flows are set out in Table 1.4 to Table 1.8.
- 1.3.1.5 A future year baseline of 2026 has been calculated as this is the year in which the peak daily construction traffic flows of the Mona Offshore Wind Project would be generated.
- 1.3.1.6 The 2026 baseline traffic flows set out in Table 1.9 define a baseline transport position using the 2022 base traffic flows growthed to 2026, with committed development traffic flows on relevant links of the highway network.



## MONA OFFSHORE WIND PROJECT

**Table 1.2: 2022 Base traffic flows**

Link Reference	Description	Annual Average Daily Traffic Flows (AADT)	
		Total Vehicles	Heavy Vehicles (HVs)
L1	A55 between Junctions 27 and 27A	51,683	2,384
L2	A55 between Junctions 27 and 26	45,899	2,374
L3	A55 between Junctions 26 and 25	45,899	2,374
L4	A55 between Junctions 25 and 24A	45,899	2,374
L5	A55 between Junctions 24A and 24	45,899	2,374
L6	A55 between Junctions 24 and 23A	54,487	2,160
L7	A55 between Junctions 23A and 23	68,796	2,465
L8	A547 through Llanddulas	8,408	755
L9	A547 between Llanddulas and Parc Busnes Gogledd Cymru	6,847	812
L10	A547 between Parc Busnes Gogledd Cymru and A548 Chapel Street	9,256	839
L11	A547 between A548 Chapel Street and A55	5,955	657
L12	A548 Chapel Street between A547 and Lon Dirion	9,042	974
L13	A548 Chapel Street between Lon Dirion and Abergele Hospital	4,000	824
L14	A548 Chapel Street between Abergele Hospital and B5381 Roman Road	2,919	460
L15	B5381 Roman Road between A548 and Moelfre	1,972	368
L16	B5381 Roman Road between Moelfre and Capel Carmel	1,554	223
L17	B5381 Roman Road between Capel Carmel and Roberts D a O	1,586	298
L18	B5381 Roman Road between Roberts D a O and Engine Hill	1,736	284
L19	B5381 Glascoed Road between Engine Hill and Ffordd William Morgan	1,745	234
L20	B5381 Glascoed Road between Ffordd William Morgan and National Grid Substation access	4,046	493
L21	Ffordd William Morgan between A55 and Carlton Court	3,481	398
L22	Ffordd William Morgan between Carlton Court and B5381 Glascoed Road	5,991	505
L23	Engine Hill between A55 and B5381 Glascoed Road	3,492	565



## MONA OFFSHORE WIND PROJECT

**Table 1.3: 2026 Growthed traffic flows**

Link Reference	Description	Annual Average Daily Traffic Flows (AADT)	
		Total Vehicles	Heavy Vehicles (HVs)
L1	A55 between Junctions 27 and 27A	53,358	2,461
L2	A55 between Junctions 27 and 26	47,387	2,451
L3	A55 between Junctions 26 and 25	47,387	2,451
L4	A55 between Junctions 25 and 24A	47,387	2,451
L5	A55 between Junctions 24A and 24	47,387	2,451
L6	A55 between Junctions 24 and 23A	56,253	2,230
L7	A55 between Junctions 23A and 23	71,026	2,545
L8	A547 through Llanddulas	8,593	772
L9	A547 between Llanddulas and Parc Busnes Gogledd Cymru	6,998	830
L10	A547 between Parc Busnes Gogledd Cymru and A548 Chapel Street	9,460	857
L11	A547 between A548 Chapel Street and A55	6,086	672
L12	A548 Chapel Street between A547 and Lon Dirion	9,241	995
L13	A548 Chapel Street between Lon Dirion and Abergele Hospital	4,088	842
L14	A548 Chapel Street between Abergele Hospital and B5381 Roman Road	2,983	470
L15	B5381 Roman Road between A548 and Moelfre	2,018	376
L16	B5381 Roman Road between Moelfre and Capel Carmel	1,590	229
L17	B5381 Roman Road between Capel Carmel and Roberts D a O	1,624	305
L18	B5381 Roman Road between Roberts D a O and Engine Hill	1,776	291
L19	B5381 Glascoed Road between Engine Hill and Ffordd William Morgan	1,786	240
L20	B5381 Glascoed Road between Ffordd William Morgan and National Grid Substation access	4,140	504
L21	Ffordd William Morgan between A55 and Carlton Court	3,562	408
L22	Ffordd William Morgan between Carlton Court and B5381 Glascoed Road	6,132	517
L23	Engine Hill between A55 and B5381 Glascoed Road	3,574	579



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**Table 1.4: Committed development – Llys Onnen, 22 Water Street, Abergele traffic flows**

Link Reference	Description	Annual Average Daily Traffic Flows (AADT)	
		Total Vehicles	Heavy Vehicles (HVs)
L1	A55 between Junctions 27 and 27A	23	0
L2	A55 between Junctions 27 and 26	23	0
L3	A55 between Junctions 26 and 25	23	0
L4	A55 between Junctions 25 and 24A	23	0
L5	A55 between Junctions 24A and 24	23	0
L6	A55 between Junctions 24 and 23A	23	0
L7	A55 between Junctions 23A and 23	23	0
L8	A547 through Llanddulas	0	0
L9	A547 between Llanddulas and Parc Busnes Gogledd Cymru	0	0
L10	A547 between Parc Busnes Gogledd Cymru and A548 Chapel Street	0	0
L11	A547 between A548 Chapel Street and A55	45	0
L12	A548 Chapel Street between A547 and Lon Dirion	0	0
L13	A548 Chapel Street between Lon Dirion and Abergele Hospital	0	0
L14	A548 Chapel Street between Abergele Hospital and B5381 Roman Road	0	0
L15	B5381 Roman Road between A548 and Moelfre	0	0
L16	B5381 Roman Road between Moelfre and Capel Carmel	0	0
L17	B5381 Roman Road between Capel Carmel and Roberts D a O	0	0
L18	B5381 Roman Road between Roberts D a O and Engine Hill	0	0
L19	B5381 Glascoed Road between Engine Hill and Ffordd William Morgan	0	0
L20	B5381 Glascoed Road between Ffordd William Morgan and National Grid Substation access	0	0
L21	Ffordd William Morgan between A55 and Carlton Court	0	0
L22	Ffordd William Morgan between Carlton Court and B5381 Glascoed Road	0	0
L23	Engine Hill between A55 and B5381 Glascoed Road	0	0



## MONA OFFSHORE WIND PROJECT

**Table 1.5: Committed development – TRB Drive, St Asaph Business Park traffic flows**

Link Reference	Description	Annual Average Daily Traffic Flows (AADT)	
		Total Vehicles	Heavy Vehicles (HVs)
L1	A55 between Junctions 27 and 27A	172	0
L2	A55 between Junctions 27 and 26	172	0
L3	A55 between Junctions 26 and 25	172	0
L4	A55 between Junctions 25 and 24A	172	0
L5	A55 between Junctions 24A and 24	172	0
L6	A55 between Junctions 24 and 23A	172	0
L7	A55 between Junctions 23A and 23	172	0
L8	A547 through Llanddulas	0	0
L9	A547 between Llanddulas and Parc Busnes Gogledd Cymru	0	0
L10	A547 between Parc Busnes Gogledd Cymru and A548 Chapel Street	0	0
L11	A547 between A548 Chapel Street and A55	0	0
L12	A548 Chapel Street between A547 and Lon Dirion	0	0
L13	A548 Chapel Street between Lon Dirion and Abergele Hospital	0	0
L14	A548 Chapel Street between Abergele Hospital and B5381 Roman Road	0	0
L15	B5381 Roman Road between A548 and Moelfre	0	0
L16	B5381 Roman Road between Moelfre and Capel Carmel	0	0
L17	B5381 Roman Road between Capel Carmel and Roberts D a O	0	0
L18	B5381 Roman Road between Roberts D a O and Engine Hill	0	0
L19	B5381 Glascoed Road between Engine Hill and Ffordd William Morgan	7	0
L20	B5381 Glascoed Road between Ffordd William Morgan and National Grid Substation access	7	0
L21	Ffordd William Morgan between A55 and Carlton Court	357	0
L22	Ffordd William Morgan between Carlton Court and B5381 Glascoed Road	14	0
L23	Engine Hill between A55 and B5381 Glascoed Road	0	0



**MONA OFFSHORE WIND PROJECT**
**Table 1.6: Committed development – Unit 4, Llys Edmund Prys, Parc Busnes, Llanelwy traffic flows**

Link Reference	Description	Annual Average Daily Traffic Flows (AADT)	
		Total Vehicles	Heavy Vehicles (HVs)
L1	A55 between Junctions 27 and 27A	70	4
L2	A55 between Junctions 27 and 26	70	4
L3	A55 between Junctions 26 and 25	70	4
L4	A55 between Junctions 25 and 24A	70	4
L5	A55 between Junctions 24A and 24	70	4
L6	A55 between Junctions 24 and 23A	70	4
L7	A55 between Junctions 23A and 23	70	4
L8	A547 through Llanddulas	0	0
L9	A547 between Llanddulas and Parc Busnes Gogledd Cymru	0	0
L10	A547 between Parc Busnes Gogledd Cymru and A548 Chapel Street	0	0
L11	A547 between A548 Chapel Street and A55	0	0
L12	A548 Chapel Street between A547 and Lon Dirion	0	0
L13	A548 Chapel Street between Lon Dirion and Abergele Hospital	0	0
L14	A548 Chapel Street between Abergele Hospital and B5381 Roman Road	0	0
L15	B5381 Roman Road between A548 and Moelfre	0	0
L16	B5381 Roman Road between Moelfre and Capel Carmel	0	0
L17	B5381 Roman Road between Capel Carmel and Roberts D a O	0	0
L18	B5381 Roman Road between Roberts D a O and Engine Hill	0	0
L19	B5381 Glascoed Road between Engine Hill and Ffordd William Morgan	18	1
L20	B5381 Glascoed Road between Ffordd William Morgan and National Grid Substation access	18	1
L21	Ffordd William Morgan between A55 and Carlton Court	140	8
L22	Ffordd William Morgan between Carlton Court and B5381 Glascoed Road	175	10
L23	Engine Hill between A55 and B5381 Glascoed Road	0	0



## MONA OFFSHORE WIND PROJECT

**Table 1.7: Committed development – Vista Site, Glascoed Road, St Asaph traffic flows.**

Link Reference	Description	Annual Average Daily Traffic Flows (AADT)	
		Total Vehicles	Heavy Vehicles (HVs)
L1	A55 between Junctions 27 and 27A	26	2
L2	A55 between Junctions 27 and 26	26	2
L3	A55 between Junctions 26 and 25	26	2
L4	A55 between Junctions 25 and 24A	26	2
L5	A55 between Junctions 24A and 24	26	2
L6	A55 between Junctions 24 and 23A	26	2
L7	A55 between Junctions 23A and 23	26	2
L8	A547 through Llanddulas	0	0
L9	A547 between Llanddulas and Parc Busnes Gogledd Cymru	0	0
L10	A547 between Parc Busnes Gogledd Cymru and A548 Chapel Street	0	0
L11	A547 between A548 Chapel Street and A55	0	0
L12	A548 Chapel Street between A547 and Lon Dirion	0	0
L13	A548 Chapel Street between Lon Dirion and Abergele Hospital	0	0
L14	A548 Chapel Street between Abergele Hospital and B5381 Roman Road	0	0
L15	B5381 Roman Road between A548 and Moelfre	0	0
L16	B5381 Roman Road between Moelfre and Capel Carmel	0	0
L17	B5381 Roman Road between Capel Carmel and Roberts D a O	0	0
L18	B5381 Roman Road between Roberts D a O and Engine Hill	0	0
L19	B5381 Glascoed Road between Engine Hill and Ffordd William Morgan	0	0
L20	B5381 Glascoed Road between Ffordd William Morgan and National Grid Substation access	52	4
L21	Ffordd William Morgan between A55 and Carlton Court	52	4
L22	Ffordd William Morgan between Carlton Court and B5381 Glascoed Road	52	4
L23	Engine Hill between A55 and B5381 Glascoed Road	0	0



## MONA OFFSHORE WIND PROJECT

**Table 1.8: Committed development – Tyn farm, Upper Denbigh, St Asaph traffic flows**

Link Reference	Description	Annual Average Daily Traffic Flows (AADT)	
		Total Vehicles	Heavy Vehicles (HVs)
L1	A55 between Junctions 27 and 27A	125	0
L2	A55 between Junctions 27 and 26	176	0
L3	A55 between Junctions 26 and 25	176	0
L4	A55 between Junctions 25 and 24A	176	0
L5	A55 between Junctions 24A and 24	176	0
L6	A55 between Junctions 24 and 23A	176	0
L7	A55 between Junctions 23A and 23	176	0
L8	A547 through Llanddulas	0	0
L9	A547 between Llanddulas and Parc Busnes Gogledd Cymru	0	0
L10	A547 between Parc Busnes Gogledd Cymru and A548 Chapel Street	0	0
L11	A547 between A548 Chapel Street and A55	0	0
L12	A548 Chapel Street between A547 and Lon Dirion	0	0
L13	A548 Chapel Street between Lon Dirion and Abergele Hospital	0	0
L14	A548 Chapel Street between Abergele Hospital and B5381 Roman Road	0	0
L15	B5381 Roman Road between A548 and Moelfre	0	0
L16	B5381 Roman Road between Moelfre and Capel Carmel	0	0
L17	B5381 Roman Road between Capel Carmel and Roberts D a O	0	0
L18	B5381 Roman Road between Roberts D a O and Engine Hill	0	0
L19	B5381 Glascoed Road between Engine Hill and Ffordd William Morgan	0	0
L20	B5381 Glascoed Road between Ffordd William Morgan and National Grid Substation access	0	0
L21	Ffordd William Morgan between A55 and Carlton Court	0	0
L22	Ffordd William Morgan between Carlton Court and B5381 Glascoed Road	0	0
L23	Engine Hill between A55 and B5381 Glascoed Road	0	0



## MONA OFFSHORE WIND PROJECT

**Table 1.9: 2026 Baseline traffic flows**

Link Reference	Description	Annual Average Daily Traffic Flows (AADT)	
		Total Vehicles	Heavy Vehicles (HVs)
L1	A55 between Junctions 27 and 27A	53,774	2,467
L2	A55 between Junctions 27 and 26	47,854	2,457
L3	A55 between Junctions 26 and 25	47,854	2,457
L4	A55 between Junctions 25 and 24A	47,854	2,457
L5	A55 between Junctions 24A and 24	47,854	2,457
L6	A55 between Junctions 24 and 23A	56,720	2,236
L7	A55 between Junctions 23A and 23	71,493	2,551
L8	A547 through Llanddulas	8,593	772
L9	A547 between Llanddulas and Parc Busnes Gogledd Cymru	6,998	830
L10	A547 between Parc Busnes Gogledd Cymru and A548 Chapel Street	9,460	857
L11	A547 between A548 Chapel Street and A55	6,131	672
L12	A548 Chapel Street between A547 and Lon Dirion	9,241	995
L13	A548 Chapel Street between Lon Dirion and Abergele Hospital	4,088	842
L14	A548 Chapel Street between Abergele Hospital and B5381 Roman Road	2,983	470
L15	B5381 Roman Road between A548 and Moelfre	2,018	376
L16	B5381 Roman Road between Moelfre and Capel Carmel	1,590	229
L17	B5381 Roman Road between Capel Carmel and Roberts D a O	1,624	305
L18	B5381 Roman Road between Roberts D a O and Engine Hill	1,776	291
L19	B5381 Glascoed Road between Engine Hill and Ffordd William Morgan	1,811	241
L20	B5381 Glascoed Road between Ffordd William Morgan and National Grid Substation access	4,217	509
L21	Ffordd William Morgan between A55 and Carlton Court	4,111	420
L22	Ffordd William Morgan between Carlton Court and B5381 Glascoed Road	6,373	531
L23	Engine Hill between A55 and B5381 Glascoed Road	3,574	579



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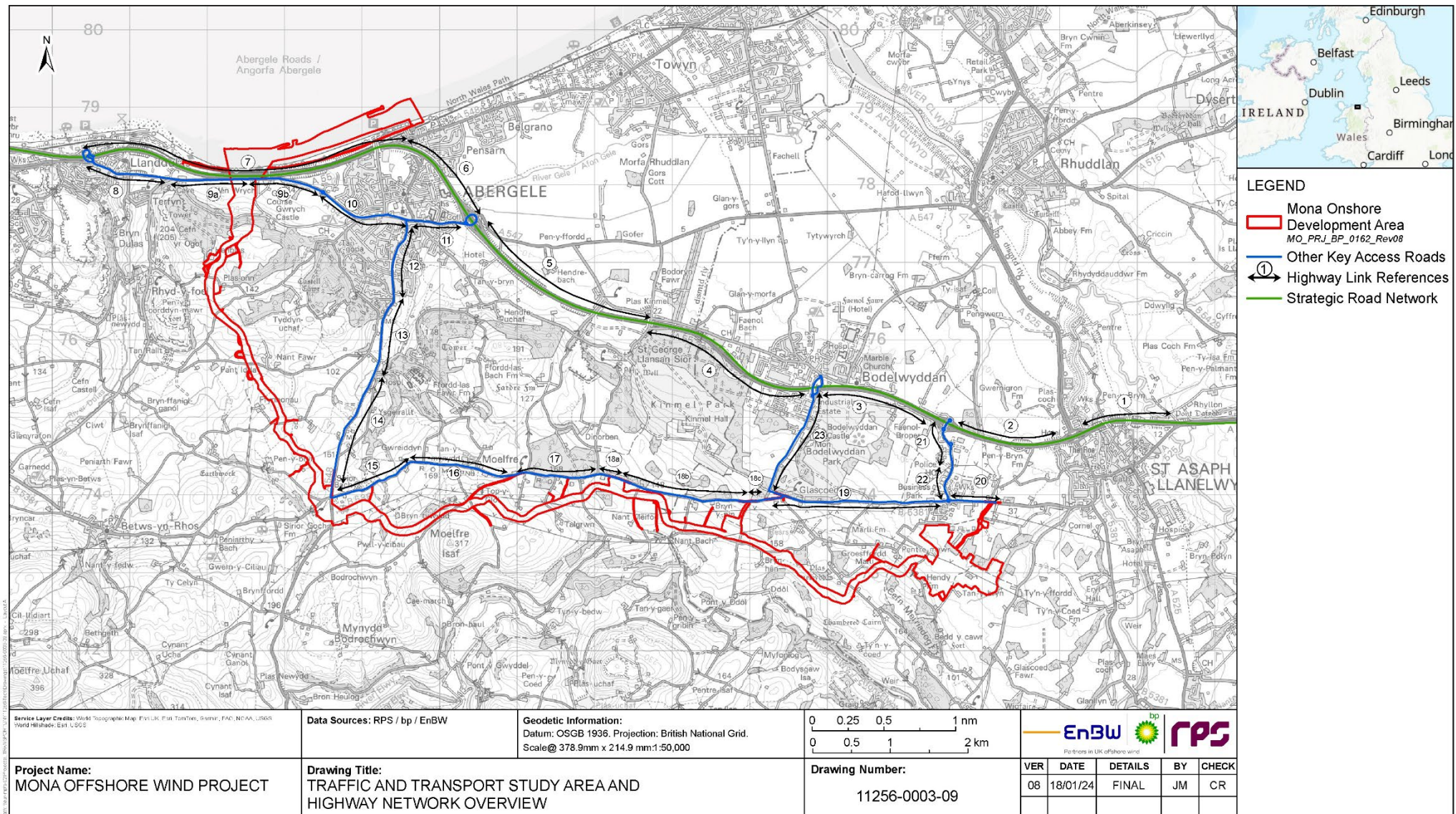


Figure 1.2: Traffic and transport study area and highway network overview



## Appendix A: 2022 ATC survey data



North Wales ATC 1, A547 Abergele Road

Direction: Eastbound

Hour Beginning	Thu 28/04/2022	Fri 29/04/2022	Sat 30/04/2022	Sun 01/05/2022	Mon 02/05/2022	Tue 03/05/2022	Wed 04/05/2022	5-Day Ave.	7-Day Ave.
00:00	21	10	27	18	18	6	8	13	15
01:00	6	2	13	12	9	4	4	5	7
02:00	8	1	6	9	9	2	1	4	5
03:00	4	2	5	7	7	2	2	3	4
04:00	3	4	4	6	6	8	8	6	6
05:00	8	10	8	5	10	8	9	9	8
06:00	52	49	23	10	23	57	49	46	38
07:00	171	177	64	34	50	166	166	146	118
08:00	292	275	122	59	83	327	332	262	213
09:00	220	271	194	113	120	247	268	225	205
10:00	215	237	258	151	185	266	208	222	217
11:00	237	304	286	197	270	249	259	264	257
12:00	272	324	298	282	267	264	277	281	283
13:00	299	313	328	298	267	273	236	278	288
14:00	317	363	337	282	291	286	279	307	308
15:00	411	402	359	324	314	342	373	368	361
16:00	428	440	357	317	433	448	416	433	406
17:00	421	417	316	231	422	431	424	423	380
18:00	290	279	208	169	251	310	260	278	252
19:00	207	249	198	139	166	193	190	201	192
20:00	144	183	128	114	116	106	139	138	133
21:00	96	141	96	75	58	120	92	101	97
22:00	68	71	69	65	40	45	55	56	59
23:00	26	47	39	37	32	29	38	34	35
Total									
12H(7-19)	3573	3802	3127	2457	2953	3609	3498	3487	3288
16H(6-22)	4072	4424	3572	2795	3316	4085	3968	3973	3747
18H(6-24)	4166	4542	3680	2897	3388	4159	4061	4063	3842
24H(0-24)	4216	4571	3743	2954	3447	4189	4093	4103	3888
AM Peak	08:00	11:00	11:00	11:00	11:00	08:00	08:00	11:00	11:00
	292	304	286	197	270	327	332	264	257
PM Peak	16:00	16:00	15:00	15:00	16:00	16:00	17:00	16:00	16:00
	428	440	359	324	433	448	424	433	406

360 TSL Ltd

Direction: Westbound

Hour Beginning	Thu 28/04/2022	Fri 29/04/2022	Sat 30/04/2022	Sun 01/05/2022	Mon 02/05/2022	Tue 03/05/2022	Wed 04/05/2022	5-Day Ave.	7-Day Ave.
00:00	39	11	14	24	13	6	6	15	16
01:00	9	1	7	16	9	4	2	5	7
02:00	5	2	1	5	5	1	2	3	3
03:00	1	2	4	5	3	2	2	2	3
04:00	6	6	7	3	6	15	9	8	7
05:00	25	22	14	6	19	27	23	23	19
06:00	77	72	30	16	28	83	88	70	56
07:00	224	206	88	45	72	276	226	201	162
08:00	434	435	206	86	124	408	428	366	303
09:00	280	345	340	184	193	321	311	290	282
10:00	260	314	383	295	280	279	274	281	298
11:00	289	343	369	304	386	336	296	330	332
12:00	287	311	387	350	350	308	258	303	322
13:00	282	300	318	353	318	258	291	290	303
14:00	294	346	317	311	322	294	305	312	313
15:00	300	358	269	226	278	290	286	302	287
16:00	318	451	292	213	251	327	316	333	310
17:00	333	436	261	199	247	339	358	343	310
18:00	239	294	216	168	175	250	212	234	222
19:00	174	171	141	146	134	159	167	161	156
20:00	123	137	112	94	88	100	102	110	108
21:00	95	100	83	61	56	81	60	78	77
22:00	43	59	50	38	27	50	57	47	46
23:00	25	42	30	37	26	21	13	25	28
Total									
12H(7-19)	3540	4139	3446	2734	2996	3686	3561	3584	3443
16H(6-22)	4009	4619	3812	3051	3302	4109	3978	4003	3840
18H(6-24)	4077	4720	3892	3126	3355	4180	4048	4076	3914
24H(0-24)	4162	4764	3939	3185	3410	4235	4092	4133	3970
AM Peak	08:00	08:00	10:00	11:00	11:00	08:00	08:00	08:00	11:00
	434	435	383	304	386	408	428	366	332
PM Peak	17:00	16:00	12:00	13:00	12:00	17:00	17:00	17:00	12:00
	333	451	387	353	350	339	358	343	322

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Thu 28/04/2022	Fri 29/04/2022	Sat 30/04/2022	Sun 01/05/2022	Mon 02/05/2022	Tue 03/05/2022	Wed 04/05/2022	5-Day Ave.	7-Day Ave.
00:00	60	21	41	42	31	12	14	28	32
01:00	15	3	20	28	18	8	6	10	14
02:00	13	3	7	14	14	3	3	7	8
03:00	5	4	9	12	10	4	4	5	7
04:00	9	10	11	9	12	23	17	14	13
05:00	33	32	22	11	29	35	32	32	28
06:00	129	121	53	26	51	140	137	116	94
07:00	395	383	152	79	122	442	392	347	281
08:00	726	710	328	145	207	735	760	628	516
09:00	500	616	534	297	313	568	579	515	487
10:00	475	551	641	446	465	545	482	504	515
11:00	526	647	655	501	656	585	555	594	589
12:00	559	635	685	632	617	572	535	584	605
13:00	581	613	646	651	585	531	527	567	591
14:00	611	709	654	593	613	580	584	619	621
15:00	711	760	628	550	592	632	659	671	647
16:00	746	891	649	530	684	775	732	766	715
17:00	754	853	577	430	669	770	782	766	691
18:00	529	573	424	337	426	560	472	512	474
19:00	381	420	339	285	300	352	357	362	348
20:00	267	320	240	208	204	206	241	248	241
21:00	191	241	179	136	114	201	152	180	173
22:00	111	130	119	103	67	95	112	103	105
23:00	51	89	69	74	58	50	51	60	63
Total									
12H(7-19)	7113	7941	6573	5191	5949	7295	7059	7071	6732
16H(6-22)	8081	9043	7384	5846	6618	8194	7946	7976	7587
18H(6-24)	8243	9262	7572	6023	6743	8339	8109	8139	7756
24H(0-24)	8378	9335	7682	6139	6857	8424	8185	8236	7857
AM Peak	08:00	08:00	11:00	11:00	11:00	08:00	08:00	08:00	11:00
	726	710	655	501	656	735	760	628	589
PM Peak	17:00	16:00	12:00	13:00	16:00	16:00	17:00	16:00	16:00
	754	891	685	651	684	775	782	766	715

360 TSL Ltd



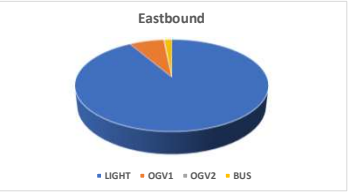


North Wales ATC 1, A547 Abergele Road

Direction: Eastbound					
	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 28 Apr 2022	4216	3794	344	4	74
Fri 29 Apr 2022	4571	4150	343	11	67
Sat 30 Apr 2022	3743	3510	181	6	46
Sun 1 May 2022	2954	2795	131	5	23
Mon 2 May 2022	3447	3236	160	5	46
Tue 3 May 2022	4189	3754	362	7	66
Wed 4 May 2022	4093	3659	347	7	80
5 Day Ave.	4103	3719	311	7	67
7 Day Ave.	3888	3557	267	6	57

	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 28 Apr 2022	100.0%	90.0%	8.2%	0.1%	1.8%
Fri 29 Apr 2022	100.0%	90.8%	7.5%	0.2%	1.5%
Sat 30 Apr 2022	100.0%	93.8%	4.8%	0.2%	1.2%
Sun 1 May 2022	100.0%	94.6%	4.4%	0.2%	0.8%
Mon 2 May 2022	100.0%	93.9%	4.6%	0.1%	1.3%
Tue 3 May 2022	100.0%	89.6%	8.6%	0.2%	1.6%
Wed 4 May 2022	100.0%	89.4%	8.5%	0.2%	2.0%
5 Day Ave.	100.0%	90.6%	7.6%	0.2%	1.6%
7 Day Ave.	100.0%	91.5%	6.9%	0.2%	1.5%

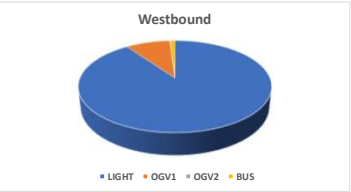
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Direction: Westbound					
	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 28 Apr 2022	4162	3646	458	7	51
Fri 29 Apr 2022	4764	4225	484	3	52
Sat 30 Apr 2022	3939	3599	286	8	46
Sun 1 May 2022	3185	2964	198	2	21
Mon 2 May 2022	3410	3119	266	5	20
Tue 3 May 2022	4235	3776	412	4	43
Wed 4 May 2022	4092	3707	351	4	30
5 Day Ave.	4133	3695	394	5	39
7 Day Ave.	3970	3577	351	5	38

	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 28 Apr 2022	100.0%	87.6%	11.0%	0.2%	1.2%
Fri 29 Apr 2022	100.0%	88.7%	10.2%	0.1%	1.1%
Sat 30 Apr 2022	100.0%	91.4%	7.3%	0.2%	1.2%
Sun 1 May 2022	100.0%	93.1%	6.2%	0.1%	0.7%
Mon 2 May 2022	100.0%	91.5%	7.8%	0.1%	0.6%
Tue 3 May 2022	100.0%	89.2%	9.7%	0.1%	1.0%
Wed 4 May 2022	100.0%	90.6%	8.6%	0.1%	0.7%
5 Day Ave.	100.0%	89.4%	9.5%	0.1%	0.9%
7 Day Ave.	100.0%	90.1%	8.8%	0.1%	0.9%

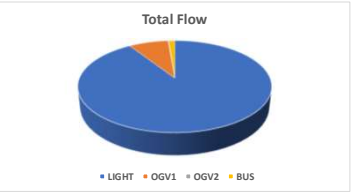
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Direction: Total Flow					
	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 28 Apr 2022	8378	7440	802	11	125
Fri 29 Apr 2022	9335	8375	827	14	119
Sat 30 Apr 2022	7682	7109	467	14	92
Sun 1 May 2022	6139	5759	329	7	44
Mon 2 May 2022	6857	6355	426	10	66
Tue 3 May 2022	8424	7530	774	11	109
Wed 4 May 2022	8185	7366	698	11	110
5 Day Ave.	8236	7413	705	11	106
7 Day Ave.	7857	7133	618	11	95

	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 28 Apr 2022	100.0%	88.8%	9.6%	0.1%	1.5%
Fri 29 Apr 2022	100.0%	89.7%	8.9%	0.1%	1.3%
Sat 30 Apr 2022	100.0%	92.5%	6.1%	0.2%	1.2%
Sun 1 May 2022	100.0%	93.8%	5.4%	0.1%	0.7%
Mon 2 May 2022	100.0%	92.7%	6.2%	0.1%	1.0%
Tue 3 May 2022	100.0%	89.4%	9.2%	0.1%	1.3%
Wed 4 May 2022	100.0%	90.0%	8.5%	0.1%	1.3%
5 Day Ave.	100.0%	90.0%	8.6%	0.1%	1.3%
7 Day Ave.	100.0%	90.8%	7.9%	0.1%	1.2%

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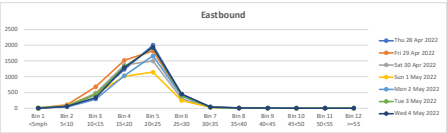


North Wales ATC 1, A547 Abergele Road

Direction: Eastbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5<10	Bin 3 10<15	Bin 4 15<20	Bin 5 20<25	Bin 6 25<30	Bin 7 30<35	Bin 8 35<40	Bin 9 40<45	Bin 10 45<50	Bin 11 50<55	Bin 12 >=55
Thu 28 Apr 2022	4216	23.3	20.3	4.7	2	64	426	1230	2002	440	41	8	0	0	0	1
Fri 29 Apr 2022	4571	24.5	19.5	4.8	3	112	678	1517	1811	419	29	2	0	0	0	0
Sat 30 Apr 2022	3743	24.3	19.6	4.6	4	68	475	1366	1500	298	30	2	0	0	0	0
Sun 1 May 2022	2954	24.4	19.4	4.8	5	77	442	1016	1143	244	25	1	1	0	0	0
Mon 2 May 2022	3447	25.3	20.7	4.4	4	39	283	1030	1660	387	40	3	1	0	0	0
Tue 3 May 2022	4189	24.8	20.1	4.5	3	69	449	1322	1915	403	28	0	0	0	0	0
Wed 4 May 2022	4092	25.1	20.6	4.4	0	55	221	1284	1924	488	34	3	3	0	0	0
5 Day Ave.	4103	25.0	20.3	4.6	2	68	433	1277	1864	419	34	3	1	0	0	1
7 Day Ave.	3888	24.8	20.0	4.6	3	69	441	1252	1709	377	32	3	1	0	0	0

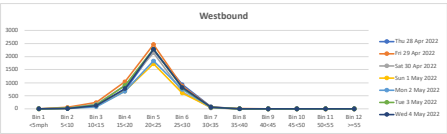
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Direction: Westbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5<10	Bin 3 10<15	Bin 4 15<20	Bin 5 20<25	Bin 6 25<30	Bin 7 30<35	Bin 8 35<40	Bin 9 40<45	Bin 10 45<50	Bin 11 50<55	Bin 12 >=55
Thu 28 Apr 2022	4162	26.9	22.5	4.3	4	29	160	716	2234	928	82	8	1	0	0	0
Fri 29 Apr 2022	4764	26.6	21.8	4.6	3	57	243	1039	2466	871	68	10	1	3	0	3
Sat 30 Apr 2022	3939	26.1	21.8	4.2	6	30	169	890	2146	650	39	7	0	2	0	0
Sun 1 May 2022	3185	26.4	22.2	4.1	5	13	96	681	1727	605	52	6	0	0	0	0
Mon 2 May 2022	3410	26.8	22.5	4.2	2	13	81	673	1833	744	54	3	1	0	6	0
Tue 3 May 2022	4235	26.4	22.1	4.1	1	23	155	694	2385	800	67	9	1	0	0	0
Wed 4 May 2022	4092	26.5	22.3	4.0	5	14	128	779	2279	818	63	5	1	0	0	0
5 Day Ave.	4133	26.6	22.3	4.2	3	27	153	820	2219	832	67	7	1	1	1	1
7 Day Ave.	3970	26.5	22.2	4.2	4	26	147	810	2139	774	61	7	1	1	1	0

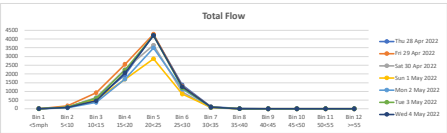
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Direction: Total Flow

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5<10	Bin 3 10<15	Bin 4 15<20	Bin 5 20<25	Bin 6 25<30	Bin 7 30<35	Bin 8 35<40	Bin 9 40<45	Bin 10 45<50	Bin 11 50<55	Bin 12 >=55
Thu 28 Apr 2022	8378	26.2	21.5	4.6	6	93	586	1946	4236	1368	123	16	1	0	0	3
Fri 29 Apr 2022	9335	25.7	20.7	4.8	6	169	921	2556	4777	1290	97	12	1	3	0	3
Sat 30 Apr 2022	7682	25.4	20.7	4.5	10	98	644	2256	3646	948	69	9	0	2	0	0
Sun 1 May 2022	6139	25.7	20.8	4.7	10	90	538	1697	2870	849	77	7	1	0	0	0
Mon 2 May 2022	6857	26.2	21.6	4.4	6	52	364	1703	3493	1131	84	6	2	0	6	0
Tue 3 May 2022	8424	25.7	21.1	4.4	4	92	604	2216	4200	1203	95	9	1	0	0	0
Wed 4 May 2022	8185	25.9	21.5	4.3	5	70	459	2063	4213	1266	97	8	4	0	0	0
5 Day Ave.	8236	25.9	21.5	4.5	5	95	587	2097	4084	1252	100	10	2	1	1	1
7 Day Ave.	7857	25.8	21.1	4.5	7	95	588	2062	3848	1151	93	10	1	1	1	1

360 TSL Ltd





## North Wales ATC 1, A547 Abergele Road

Direction: Eastbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5<10	Bin 3 10<15	Bin 4 15<20	Bin 5 20<25	Bin 6 25<30	Bin 7 30<35	Bin 8 35<40	Bin 9 40<45	Bin 10 45<50	Bin 11 50<55	Bin 12 >=55
Thu 28 Apr 2022	452	24.1	19.9	4.1	0	4	45	170	203	27	3	0	0	0	0	0
Fri 29 Apr 2022	541	24.7	20.2	4.3	0	8	51	185	243	50	4	0	0	0	0	0
Sat 30 Apr 2022	544	23.4	18.9	4.4	1	10	74	252	173	30	4	0	0	0	0	0
Sun 1 May 2022	348	23.9	19.0	4.7	2	12	46	130	136	21	1	0	0	0	0	0
Mon 2 May 2022	455	24.4	20.0	4.3	1	5	48	153	213	33	2	0	0	0	0	0
Tue 3 May 2022	515	23.9	19.4	4.3	0	8	72	189	212	32	2	0	0	0	0	0
Wed 4 May 2022	467	25.3	20.5	4.6	0	9	31	163	208	50	3	1	2	0	0	0
5 Day Ave.	486	24.5	20.0	4.3	0	7	49	172	216	38	3	0	0	0	0	0
7 Day Ave.	475	24.2	19.7	4.4	1	8	52	177	198	35	3	0	0	0	0	0

360 TSL Ltd

Direction: Westbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5<10	Bin 3 10<15	Bin 4 15<20	Bin 5 20<25	Bin 6 25<30	Bin 7 30<35	Bin 8 35<40	Bin 9 40<45	Bin 10 45<50	Bin 11 50<55	Bin 12 >=55
Thu 28 Apr 2022	549	25.9	21.9	3.9	0	1	28	109	320	85	6	0	0	0	0	0
Fri 29 Apr 2022	657	26.0	21.4	4.4	0	14	38	141	358	100	6	0	0	0	0	0
Sat 30 Apr 2022	752	25.1	20.7	4.3	2	12	56	193	412	74	3	0	0	0	0	0
Sun 1 May 2022	599	25.6	21.6	3.9	1	3	24	141	343	83	4	0	0	0	0	0
Mon 2 May 2022	666	25.6	21.6	3.9	1	5	26	150	390	89	5	0	0	0	0	0
Tue 3 May 2022	615	25.4	21.5	3.8	0	3	25	152	351	79	5	0	0	0	0	0
Wed 4 May 2022	570	25.4	21.6	3.7	0	3	22	125	344	74	2	0	0	0	0	0
5 Day Ave.	611	25.7	21.6	3.9	0	5	28	135	353	85	5	0	0	0	0	0
7 Day Ave.	630	25.6	21.5	4.0	1	6	31	144	360	83	4	0	0	0	0	0

360 TSL Ltd

Direction: Total Flow

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5<10	Bin 3 10<15	Bin 4 15<20	Bin 5 20<25	Bin 6 25<30	Bin 7 30<35	Bin 8 35<40	Bin 9 40<45	Bin 10 45<50	Bin 11 50<55	Bin 12 >=55
Thu 28 Apr 2022	1001	25.2	21.0	4.1	0	5	73	279	523	112	9	0	0	0	0	0
Fri 29 Apr 2022	1198	25.4	20.8	4.4	0	22	89	326	601	150	10	0	0	0	0	0
Sat 30 Apr 2022	1296	24.5	19.9	4.4	3	22	130	445	585	104	7	0	0	0	0	0
Sun 1 May 2022	947	25.2	20.6	4.4	3	15	70	271	479	104	5	0	0	0	0	0
Mon 2 May 2022	1121	25.2	20.9	4.1	2	10	74	303	603	122	7	0	0	0	0	0
Tue 3 May 2022	1130	24.9	20.5	4.2	0	11	97	341	563	111	7	0	0	0	0	0
Wed 4 May 2022	1037	25.4	21.1	4.2	0	12	53	288	552	124	5	1	2	0	0	0
5 Day Ave.	1097	25.2	20.9	4.2	0	12	77	307	568	124	8	0	0	0	0	0
7 Day Ave.	1104	25.1	20.7	4.2	1	14	84	322	558	118	7	0	0	0	0	0

360 TSL Ltd



## North Wales ATC 1, A547 Abergele Road

Direction: Eastbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5<10	Bin 3 10<15	Bin 4 15<20	Bin 5 20<25	Bin 6 25<30	Bin 7 30<35	Bin 8 35<40	Bin 9 40<45	Bin 10 45<50	Bin 11 50<55	Bin 12 >=55
Thu 28 Apr 2022	728	25.2	19.8	5.2	2	15	89	234	339	42	3	1	0	0	0	3
Fri 29 Apr 2022	765	23.2	18.1	4.9	2	33	165	275	249	39	2	0	0	0	0	0
Sat 30 Apr 2022	696	23.9	19.2	4.5	2	17	91	260	287	35	4	0	0	0	0	0
Sun 1 May 2022	606	22.9	18.0	4.8	1	28	118	263	162	31	3	0	0	0	0	0
Mon 2 May 2022	605	24.4	19.9	4.3	1	17	43	215	288	38	3	0	0	0	0	0
Tue 3 May 2022	628	24.6	20.2	4.3	0	6	73	186	306	55	2	0	0	0	0	0
Wed 4 May 2022	652	24.4	20.2	4.1	0	5	60	218	312	56	1	0	0	0	0	0
5 Day Ave.	676	24.4	19.7	4.5	1	15	86	226	299	46	2	0	0	0	0	1
7 Day Ave.	669	24.1	19.4	4.6	1	17	91	236	278	42	3	0	0	0	0	0

360 TSL Ltd

Direction: Westbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5<10	Bin 3 10<15	Bin 4 15<20	Bin 5 20<25	Bin 6 25<30	Bin 7 30<35	Bin 8 35<40	Bin 9 40<45	Bin 10 45<50	Bin 11 50<55	Bin 12 >=55
Thu 28 Apr 2022	594	26.1	21.7	4.2	0	7	28	136	319	96	7	1	0	0	0	0
Fri 29 Apr 2022	704	25.7	20.9	4.6	2	11	60	182	342	100	7	0	0	0	0	0
Sat 30 Apr 2022	586	25.7	21.6	3.9	0	4	19	149	326	83	3	2	0	0	0	0
Sun 1 May 2022	537	25.6	21.7	3.8	2	3	12	126	321	66	7	0	0	0	0	0
Mon 2 May 2022	600	25.9	22.0	3.7	0	2	16	126	353	97	6	0	0	0	0	0
Tue 3 May 2022	584	26.2	21.8	4.2	0	9	24	117	327	101	6	0	0	0	0	0
Wed 4 May 2022	591	25.7	21.9	3.7	0	4	15	126	351	91	4	0	0	0	0	0
5 Day Ave.	615	25.9	21.7	4.1	0	7	29	137	338	97	6	0	0	0	0	0
7 Day Ave.	599	25.8	21.7	4.0	1	6	25	137	334	91	6	0	0	0	0	0

360 TSL Ltd

Direction: Total Flow

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5<10	Bin 3 10<15	Bin 4 15<20	Bin 5 20<25	Bin 6 25<30	Bin 7 30<35	Bin 8 35<40	Bin 9 40<45	Bin 10 45<50	Bin 11 50<55	Bin 12 >=55
Thu 28 Apr 2022	1322	25.7	20.6	4.9	2	22	117	370	658	138	10	2	0	0	0	3
Fri 29 Apr 2022	1469	24.6	19.4	5.0	4	44	225	457	591	139	9	0	0	0	0	0
Sat 30 Apr 2022	1282	24.9	20.3	4.4	2	21	110	409	613	118	7	2	0	0	0	0
Sun 1 May 2022	1143	24.6	19.7	4.7	3	31	130	389	483	97	10	0	0	0	0	0
Mon 2 May 2022	1205	25.3	21.0	4.1	1	19	59	341	641	135	9	0	0	0	0	0
Tue 3 May 2022	1212	25.4	21.0	4.3	0	15	97	303	633	156	8	0	0	0	0	0
Wed 4 May 2022	1243	25.2	21.0	4.0	0	9	75	344	663	147	5	0	0	0	0	0
5 Day Ave.	1290	25.2	20.6	4.4	1	22	115	363	637	143	8	0	0	0	0	1
7 Day Ave.	1268	25.1	20.4	4.5	2	23	116	373	612	133	8	1	0	0	0	0

360 TSL Ltd



North Wales ATC 1, A547 Abergele Road

Direction: Eastbound

28/04/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	21	20	1	0	0
01:00	6	6	0	0	0
02:00	8	7	1	0	0
03:00	4	3	1	0	0
04:00	3	3	0	0	0
05:00	8	6	2	0	0
06:00	52	44	5	0	3
07:00	171	135	28	0	8
08:00	292	265	23	0	4
09:00	220	185	28	0	7
10:00	215	184	26	0	5
11:00	237	209	24	1	3
12:00	272	246	23	0	3
13:00	299	263	28	0	8
14:00	317	288	24	1	4
15:00	411	376	30	0	5
16:00	428	394	30	0	4
17:00	421	383	32	2	4
18:00	290	267	21	0	2
19:00	207	189	11	0	7
20:00	144	138	4	0	2
21:00	96	94	1	0	1
22:00	68	65	1	0	2
23:00	26	24	0	0	2
Total					
12H(7-19)	3573	3195	317	4	57
16H(6-22)	4072	3660	338	4	70
18H(6-24)	4166	3749	339	4	74
24H(0-24)	4216	3794	344	4	74
AM Peak	08:00	08:00	07:00	11:00	07:00
	292	265	28	1	8
PM Peak	16:00	16:00	17:00	17:00	13:00
	428	394	32	2	8

360 TSL Ltd

Direction: Westbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	39	36	3	0	0
01:00	9	6	3	0	0
02:00	5	4	1	0	0
03:00	1	1	0	0	0
04:00	6	4	2	0	0
05:00	25	19	5	0	1
06:00	77	59	14	0	4
07:00	224	185	34	0	5
08:00	434	372	58	0	4
09:00	280	244	30	1	5
10:00	260	216	37	0	7
11:00	289	252	34	0	3
12:00	287	256	30	0	1
13:00	282	250	30	0	2
14:00	294	255	35	0	4
15:00	300	260	33	2	5
16:00	318	283	33	0	2
17:00	333	308	22	1	2
18:00	239	219	19	0	1
19:00	174	158	13	2	1
20:00	123	116	6	0	1
21:00	95	88	4	1	2
22:00	43	35	8	0	0
23:00	25	20	4	0	1
Total					
12H(7-19)	3540	3100	395	4	41
16H(6-22)	4009	3521	432	7	49
18H(6-24)	4077	3576	444	7	50
24H(0-24)	4162	3646	458	7	51
AM Peak	08:00	08:00	08:00	09:00	10:00
	434	372	58	1	7
PM Peak	17:00	17:00	14:00	15:00	15:00
	333	308	35	2	5

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	60	56	4	0	0
01:00	15	12	3	0	0
02:00	13	11	2	0	0
03:00	5	4	1	0	0
04:00	9	7	2	0	0
05:00	33	25	7	0	1
06:00	129	103	19	0	7
07:00	395	320	62	0	13
08:00	726	637	81	0	8
09:00	500	429	58	1	12
10:00	475	400	63	0	12
11:00	526	461	58	1	6
12:00	559	502	53	0	4
13:00	581	513	58	0	10
14:00	611	543	59	1	8
15:00	711	636	63	2	10
16:00	746	677	63	0	6
17:00	754	691	54	3	6
18:00	529	486	40	0	3
19:00	381	347	24	2	8
20:00	267	254	10	0	3
21:00	191	182	5	1	3
22:00	111	100	9	0	2
23:00	51	44	4	0	3
Total					
12H(7-19)	7113	6295	712	8	98
16H(6-22)	8081	7181	770	11	119
18H(6-24)	8243	7325	783	11	124
24H(0-24)	8378	7440	802	11	125
AM Peak	08:00	08:00	08:00	09:00	07:00
	726	637	81	1	13
PM Peak	17:00	17:00	15:00	17:00	13:00
	754	691	63	3	10

360 TSL Ltd



North Wales ATC 1, A547 Abergele Road

Direction: Eastbound

29/04/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	10	10	0	0	0
01:00	2	2	0	0	0
02:00	1	1	0	0	0
03:00	2	1	1	0	0
04:00	4	2	2	0	0
05:00	10	6	4	0	0
06:00	49	42	4	0	3
07:00	177	146	23	0	8
08:00	275	237	33	0	5
09:00	271	230	35	0	6
10:00	237	208	23	1	5
11:00	304	281	21	1	1
12:00	324	297	22	2	3
13:00	313	280	26	0	7
14:00	363	332	26	1	4
15:00	402	370	27	0	5
16:00	440	406	25	4	5
17:00	417	391	21	2	3
18:00	279	262	15	0	2
19:00	249	235	12	0	2
20:00	183	173	8	0	2
21:00	141	127	11	0	3
22:00	71	69	1	0	1
23:00	47	42	3	0	2
Total					
12H(7-19)	3802	3440	297	11	54
16H(6-22)	4424	4017	332	11	64
18H(6-24)	4542	4128	336	11	67
24H(0-24)	4571	4150	343	11	67
AM Peak	11:00	11:00	09:00	10:00	07:00
	304	281	35	1	8
PM Peak	16:00	16:00	15:00	16:00	13:00
	440	406	27	4	7

360 TSL Ltd

Direction: Westbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	11	11	0	0	0
01:00	1	1	0	0	0
02:00	2	2	0	0	0
03:00	2	2	0	0	0
04:00	6	3	3	0	0
05:00	22	17	5	0	0
06:00	72	58	12	0	2
07:00	206	169	34	0	3
08:00	435	400	31	0	4
09:00	345	298	45	0	2
10:00	314	273	35	0	6
11:00	343	296	40	0	7
12:00	311	278	29	1	3
13:00	300	265	26	1	8
14:00	346	301	42	0	3
15:00	358	322	33	1	2
16:00	451	412	37	0	2
17:00	436	382	52	0	2
18:00	294	261	31	0	2
19:00	171	158	11	0	2
20:00	137	126	10	0	1
21:00	100	93	6	0	1
22:00	59	57	1	0	1
23:00	42	40	1	0	1
Total					
12H(7-19)	4139	3657	435	3	44
16H(6-22)	4619	4092	474	3	50
18H(6-24)	4720	4189	476	3	52
24H(0-24)	4764	4225	484	3	52
AM Peak	08:00	08:00	09:00	00:00	11:00
	435	400	45	0	7
PM Peak	16:00	16:00	17:00	12:00	13:00
	451	412	52	1	8

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	21	21	0	0	0
01:00	3	3	0	0	0
02:00	3	3	0	0	0
03:00	4	3	1	0	0
04:00	10	5	5	0	0
05:00	32	23	9	0	0
06:00	121	100	16	0	5
07:00	383	315	57	0	11
08:00	710	637	64	0	9
09:00	616	528	80	0	8
10:00	551	481	58	1	11
11:00	647	577	61	1	8
12:00	635	575	51	3	6
13:00	613	545	52	1	15
14:00	709	633	68	1	7
15:00	760	692	60	1	7
16:00	891	818	62	4	7
17:00	853	773	73	2	5
18:00	573	523	46	0	4
19:00	420	393	23	0	4
20:00	320	299	18	0	3
21:00	241	220	17	0	4
22:00	130	126	2	0	2
23:00	89	82	4	0	3
Total					
12H(7-19)	7941	7097	732	14	98
16H(6-22)	9043	8109	806	14	114
18H(6-24)	9262	8317	812	14	119
24H(0-24)	9335	8375	827	14	119
AM Peak	08:00	08:00	09:00	10:00	07:00
	710	637	80	1	11
PM Peak	16:00	16:00	17:00	16:00	13:00
	891	818	73	4	15

360 TSL Ltd



North Wales ATC 1, A547 Abergele Road

Direction: Eastbound

30/04/2022					
Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	27	26	1	0	0
01:00	13	12	1	0	0
02:00	6	5	1	0	0
03:00	5	5	0	0	0
04:00	4	4	0	0	0
05:00	8	8	0	0	0
06:00	23	17	4	0	2
07:00	64	58	2	0	4
08:00	122	107	11	0	4
09:00	194	176	14	0	4
10:00	258	240	16	0	2
11:00	286	268	15	0	3
12:00	298	279	16	0	3
13:00	328	307	15	3	3
14:00	337	323	11	0	3
15:00	359	340	15	0	4
16:00	357	339	16	0	2
17:00	316	299	17	0	0
18:00	208	197	8	0	3
19:00	198	188	5	2	3
20:00	128	118	8	1	1
21:00	96	92	2	0	2
22:00	69	66	2	0	1
23:00	39	36	1	0	2
Total					
12H(7-19)	3127	2933	156	3	35
16H(6-22)	3572	3348	175	6	43
18H(6-24)	3680	3450	178	6	46
24H(0-24)	3743	3510	181	6	46
AM Peak	11:00	11:00	10:00	00:00	07:00
	286	268	16	0	4
PM Peak	15:00	15:00	17:00	13:00	15:00
	359	340	17	3	4

360 TSL Ltd

Direction: Westbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	14	14	0	0	0
01:00	7	7	0	0	0
02:00	1	1	0	0	0
03:00	4	4	0	0	0
04:00	7	6	1	0	0
05:00	14	12	2	0	0
06:00	30	24	2	0	4
07:00	88	77	8	0	3
08:00	206	177	25	0	4
09:00	340	305	31	0	4
10:00	383	342	36	0	5
11:00	369	337	27	1	4
12:00	387	354	25	2	6
13:00	318	294	18	2	4
14:00	317	289	22	3	3
15:00	269	250	17	0	2
16:00	292	267	24	0	1
17:00	261	247	11	0	3
18:00	216	201	15	0	0
19:00	141	131	10	0	0
20:00	112	108	3	0	1
21:00	83	78	5	0	0
22:00	50	47	2	0	1
23:00	30	27	2	0	1
Total					
12H(7-19)	3446	3140	259	8	39
16H(6-22)	3812	3481	279	8	44
18H(6-24)	3892	3555	283	8	46
24H(0-24)	3939	3599	286	8	46
AM Peak	10:00	10:00	10:00	11:00	10:00
	383	342	36	1	5
PM Peak	12:00	12:00	12:00	14:00	12:00
	387	354	25	3	6

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	41	40	1	0	0
01:00	20	19	1	0	0
02:00	7	6	1	0	0
03:00	9	9	0	0	0
04:00	11	10	1	0	0
05:00	22	20	2	0	0
06:00	53	41	6	0	6
07:00	152	135	10	0	7
08:00	328	284	36	0	8
09:00	534	481	45	0	8
10:00	641	582	52	0	7
11:00	655	605	42	1	7
12:00	685	633	41	2	9
13:00	646	601	33	5	7
14:00	654	612	33	3	6
15:00	628	590	32	0	6
16:00	649	606	40	0	3
17:00	577	546	28	0	3
18:00	424	398	23	0	3
19:00	339	319	15	2	3
20:00	240	226	11	1	2
21:00	179	170	7	0	2
22:00	119	113	4	0	2
23:00	69	63	3	0	3
Total					
12H(7-19)	6573	6073	415	11	74
16H(6-22)	7384	6829	454	14	87
18H(6-24)	7572	7005	461	14	92
24H(0-24)	7682	7109	467	14	92
AM Peak	11:00	11:00	10:00	11:00	08:00
	655	605	52	1	8
PM Peak	12:00	12:00	12:00	13:00	12:00
	685	633	41	5	9

360 TSL Ltd



North Wales ATC 1, A547 Abergele Road

Direction: Eastbound

01/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	18	17	1	0	0
01:00	12	12	0	0	0
02:00	9	8	1	0	0
03:00	7	6	1	0	0
04:00	6	5	1	0	0
05:00	5	5	0	0	0
06:00	10	10	0	0	0
07:00	34	33	0	0	1
08:00	59	57	2	0	0
09:00	113	102	11	0	0
10:00	151	139	10	1	1
11:00	197	184	10	1	2
12:00	282	269	11	0	2
13:00	298	285	12	0	1
14:00	282	266	12	1	3
15:00	324	311	11	1	1
16:00	317	306	9	1	1
17:00	231	221	8	0	2
18:00	169	159	9	0	1
19:00	139	128	8	0	3
20:00	114	109	5	0	0
21:00	75	68	5	0	2
22:00	65	62	2	0	1
23:00	37	33	2	0	2
Total					
12H(7-19)	2457	2332	105	5	15
16H(6-22)	2795	2647	123	5	20
18H(6-24)	2897	2742	127	5	23
24H(0-24)	2954	2795	131	5	23
AM Peak	11:00	11:00	09:00	10:00	11:00
	197	184	11	1	2
PM Peak	15:00	15:00	13:00	14:00	14:00
	324	311	12	1	3

360 TSL Ltd

Direction: Westbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	24	20	3	0	1
01:00	16	16	0	0	0
02:00	5	3	2	0	0
03:00	5	5	0	0	0
04:00	3	2	1	0	0
05:00	6	6	0	0	0
06:00	16	15	1	0	0
07:00	45	39	5	0	1
08:00	86	78	7	0	1
09:00	184	175	8	0	1
10:00	295	270	24	0	1
11:00	304	287	15	0	2
12:00	350	332	17	0	1
13:00	353	337	13	1	2
14:00	311	290	19	0	2
15:00	226	209	14	1	2
16:00	213	199	12	0	2
17:00	199	186	12	0	1
18:00	168	152	16	0	0
19:00	146	134	10	0	2
20:00	94	82	11	0	1
21:00	61	57	4	0	0
22:00	38	36	2	0	0
23:00	37	34	2	0	1
Total					
12H(7-19)	2734	2554	162	2	16
16H(6-22)	3051	2842	188	2	19
18H(6-24)	3126	2912	192	2	20
24H(0-24)	3185	2964	198	2	21
AM Peak	11:00	11:00	10:00	00:00	11:00
	304	287	24	0	2
PM Peak	13:00	13:00	14:00	13:00	13:00
	353	337	19	1	2

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	42	37	4	0	1
01:00	28	28	0	0	0
02:00	14	11	3	0	0
03:00	12	11	1	0	0
04:00	9	7	2	0	0
05:00	11	11	0	0	0
06:00	26	25	1	0	0
07:00	79	72	5	0	2
08:00	145	135	9	0	1
09:00	297	277	19	0	1
10:00	446	409	34	1	2
11:00	501	471	25	1	4
12:00	632	601	28	0	3
13:00	651	622	25	1	3
14:00	593	556	31	1	5
15:00	550	520	25	2	3
16:00	530	505	21	1	3
17:00	430	407	20	0	3
18:00	337	311	25	0	1
19:00	285	262	18	0	5
20:00	208	191	16	0	1
21:00	136	125	9	0	2
22:00	103	98	4	0	1
23:00	74	67	4	0	3
Total					
12H(7-19)	5191	4886	267	7	31
16H(6-22)	5846	5489	311	7	39
18H(6-24)	6023	5654	319	7	43
24H(0-24)	6139	5759	329	7	44
AM Peak	11:00	11:00	10:00	10:00	11:00
	501	471	34	1	4
PM Peak	13:00	13:00	14:00	15:00	14:00
	651	622	31	2	5

360 TSL Ltd



North Wales ATC 1, A547 Abergele Road

Direction: Eastbound

02/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	18	18	0	0	0
01:00	9	7	2	0	0
02:00	9	9	0	0	0
03:00	7	6	1	0	0
04:00	6	5	1	0	0
05:00	10	9	1	0	0
06:00	23	21	2	0	0
07:00	50	43	6	0	1
08:00	83	76	7	0	0
09:00	120	108	9	0	3
10:00	185	172	9	1	3
11:00	270	252	15	0	3
12:00	267	248	13	1	5
13:00	267	251	11	1	4
14:00	291	272	15	0	4
15:00	314	295	15	0	4
16:00	433	419	11	0	3
17:00	422	406	13	0	3
18:00	251	237	8	0	6
19:00	166	156	7	2	1
20:00	116	104	10	0	2
21:00	58	54	2	0	2
22:00	40	38	1	0	1
23:00	32	30	1	0	1
Total					
12H(7-19)	2953	2779	132	3	39
16H(6-22)	3316	3114	153	5	44
18H(6-24)	3388	3182	155	5	46
24H(0-24)	3447	3236	160	5	46
AM Peak	11:00 270	11:00 252	11:00 15	10:00 1	09:00 3
PM Peak	16:00 433	16:00 419	14:00 15	19:00 2	18:00 6

360 TSL Ltd

Direction: Westbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	13	13	0	0	0
01:00	9	8	1	0	0
02:00	5	5	0	0	0
03:00	3	3	0	0	0
04:00	6	5	1	0	0
05:00	19	18	0	0	1
06:00	28	26	2	0	0
07:00	72	64	8	0	0
08:00	124	109	15	0	0
09:00	193	166	25	0	2
10:00	280	258	20	1	1
11:00	386	355	29	0	2
12:00	350	319	28	1	2
13:00	318	292	23	1	2
14:00	322	287	34	0	1
15:00	278	251	21	2	4
16:00	251	236	14	0	1
17:00	247	230	15	0	2
18:00	175	165	9	0	1
19:00	134	124	10	0	0
20:00	88	82	6	0	0
21:00	56	53	3	0	0
22:00	27	26	1	0	0
23:00	26	24	1	0	1
Total					
12H(7-19)	2996	2732	241	5	18
16H(6-22)	3302	3017	262	5	18
18H(6-24)	3355	3067	264	5	19
24H(0-24)	3410	3119	266	5	20
AM Peak	11:00 386	11:00 355	11:00 29	10:00 1	09:00 2
PM Peak	12:00 350	12:00 319	14:00 34	15:00 2	15:00 4

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	31	31	0	0	0
01:00	18	15	3	0	0
02:00	14	14	0	0	0
03:00	10	9	1	0	0
04:00	12	10	2	0	0
05:00	29	27	1	0	1
06:00	51	47	4	0	0
07:00	122	107	14	0	1
08:00	207	185	22	0	0
09:00	313	274	34	0	5
10:00	465	430	29	2	4
11:00	656	607	44	0	5
12:00	617	567	41	2	7
13:00	585	543	34	2	6
14:00	613	559	49	0	5
15:00	592	546	36	2	8
16:00	684	655	25	0	4
17:00	669	636	28	0	5
18:00	426	402	17	0	7
19:00	300	280	17	2	1
20:00	204	186	16	0	2
21:00	114	107	5	0	2
22:00	67	64	2	0	1
23:00	58	54	2	0	2
Total					
12H(7-19)	5949	5511	373	8	57
16H(6-22)	6618	6131	415	10	62
18H(6-24)	6743	6249	419	10	65
24H(0-24)	6857	6355	426	10	66
AM Peak	11:00 656	11:00 607	11:00 44	10:00 2	09:00 5
PM Peak	16:00 684	16:00 655	14:00 49	12:00 2	15:00 8

360 TSL Ltd



North Wales ATC 1, A547 Abergele Road

Direction: Eastbound

03/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	6	5	1	0	0
01:00	4	3	1	0	0
02:00	2	2	0	0	0
03:00	2	1	1	0	0
04:00	8	5	3	0	0
05:00	8	7	1	0	0
06:00	57	49	4	0	4
07:00	166	130	30	0	6
08:00	327	299	24	0	4
09:00	247	207	35	0	5
10:00	266	237	24	2	3
11:00	249	220	24	0	5
12:00	264	237	23	0	4
13:00	273	245	23	1	4
14:00	286	258	24	1	3
15:00	342	297	38	1	6
16:00	448	406	37	1	4
17:00	431	398	29	1	3
18:00	310	291	16	0	3
19:00	193	175	14	0	4
20:00	106	97	7	0	2
21:00	120	115	2	0	3
22:00	45	43	1	0	1
23:00	29	27	0	0	2
Total					
12H(7-19)	3609	3225	327	7	50
16H(6-22)	4085	3661	354	7	63
18H(6-24)	4159	3731	355	7	66
24H(0-24)	4189	3754	362	7	66
AM Peak	08:00 327	08:00 299	09:00 35	10:00 2	07:00 6
PM Peak	16:00 448	16:00 406	15:00 38	13:00 1	15:00 6

360 TSL Ltd

Direction: Westbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	6	6	0	0	0
01:00	4	3	1	0	0
02:00	1	1	0	0	0
03:00	2	1	1	0	0
04:00	15	11	4	0	0
05:00	27	23	4	0	0
06:00	83	75	7	0	1
07:00	276	241	33	0	2
08:00	408	370	34	0	4
09:00	321	294	23	1	3
10:00	279	255	22	0	2
11:00	336	302	30	1	3
12:00	308	271	33	0	4
13:00	258	225	28	0	5
14:00	294	246	42	2	4
15:00	290	263	23	0	4
16:00	327	291	35	0	1
17:00	339	296	38	0	5
18:00	250	215	33	0	2
19:00	159	150	8	0	1
20:00	100	95	5	0	0
21:00	81	78	2	0	1
22:00	50	45	4	0	1
23:00	21	19	2	0	0
Total					
12H(7-19)	3686	3269	374	4	39
16H(6-22)	4109	3667	396	4	42
18H(6-24)	4180	3731	402	4	43
24H(0-24)	4235	3776	412	4	43
AM Peak	08:00 408	08:00 370	08:00 34	09:00 1	08:00 4
PM Peak	17:00 339	17:00 296	14:00 42	14:00 2	13:00 5

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	12	11	1	0	0
01:00	8	6	2	0	0
02:00	3	3	0	0	0
03:00	4	2	2	0	0
04:00	23	16	7	0	0
05:00	35	30	5	0	0
06:00	140	124	11	0	5
07:00	442	371	63	0	8
08:00	735	669	58	0	8
09:00	568	501	58	1	8
10:00	545	492	46	2	5
11:00	585	522	54	1	8
12:00	572	508	56	0	8
13:00	531	470	51	1	9
14:00	580	504	66	3	7
15:00	632	560	61	1	10
16:00	775	697	72	1	5
17:00	770	694	67	1	8
18:00	560	506	49	0	5
19:00	352	325	22	0	5
20:00	206	192	12	0	2
21:00	201	193	4	0	4
22:00	95	88	5	0	2
23:00	50	46	2	0	2
Total					
12H(7-19)	7295	6494	701	11	89
16H(6-22)	8194	7328	750	11	105
18H(6-24)	8339	7462	757	11	109
24H(0-24)	8424	7530	774	11	109
AM Peak	08:00 735	08:00 669	07:00 63	10:00 2	07:00 8
PM Peak	16:00 775	16:00 697	16:00 72	14:00 3	15:00 10

360 TSL Ltd



North Wales ATC 1, A547 Abergele Road

Direction: Eastbound

04/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	8	7	1	0	0
01:00	4	4	0	0	0
02:00	1	1	0	0	0
03:00	2	2	0	0	0
04:00	8	4	3	0	1
05:00	9	8	1	0	0
06:00	49	40	6	0	3
07:00	166	137	24	0	5
08:00	332	297	31	1	3
09:00	268	227	31	0	10
10:00	208	186	19	0	3
11:00	259	219	33	0	7
12:00	277	252	22	0	3
13:00	236	215	16	2	3
14:00	279	247	25	1	6
15:00	373	322	45	0	6
16:00	416	378	28	2	8
17:00	424	387	31	1	5
18:00	260	245	10	0	5
19:00	190	180	5	0	5
20:00	139	130	7	0	2
21:00	92	85	6	0	1
22:00	55	51	2	0	2
23:00	38	35	1	0	2
Total					
12H(7-19)	3498	3112	315	7	64
16H(6-22)	3968	3547	339	7	75
18H(6-24)	4061	3633	342	7	79
24H(0-24)	4093	3659	347	7	80
AM Peak	08:00	08:00	11:00	08:00	09:00
	332	297	33	1	10
PM Peak	17:00	17:00	15:00	13:00	16:00
	424	387	45	2	8

360 TSL Ltd

Direction: Westbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	6	5	1	0	0
01:00	2	2	0	0	0
02:00	2	1	1	0	0
03:00	2	2	0	0	0
04:00	9	4	4	1	0
05:00	23	20	2	0	1
06:00	88	74	13	0	1
07:00	226	204	22	0	0
08:00	428	400	26	0	2
09:00	311	285	25	0	1
10:00	274	252	21	0	1
11:00	296	270	23	1	2
12:00	258	227	28	0	3
13:00	291	258	29	1	3
14:00	305	260	43	0	2
15:00	286	257	25	0	4
16:00	316	280	32	1	3
17:00	358	330	26	0	2
18:00	212	194	17	0	1
19:00	167	161	5	0	1
20:00	102	100	2	0	0
21:00	60	56	1	0	3
22:00	57	55	2	0	0
23:00	13	10	3	0	0
Total					
12H(7-19)	3561	3217	317	3	24
16H(6-22)	3978	3608	338	3	29
18H(6-24)	4048	3673	343	3	29
24H(0-24)	4092	3707	351	4	30
AM Peak	08:00	08:00	08:00	04:00	08:00
	428	400	26	1	2
PM Peak	17:00	17:00	14:00	13:00	15:00
	358	330	43	1	4

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	14	12	2	0	0
01:00	6	6	0	0	0
02:00	3	2	1	0	0
03:00	4	4	0	0	0
04:00	17	8	7	1	1
05:00	32	28	3	0	1
06:00	137	114	19	0	4
07:00	392	341	46	0	5
08:00	760	697	57	1	5
09:00	579	512	56	0	11
10:00	482	438	40	0	4
11:00	555	489	56	1	9
12:00	535	479	50	0	6
13:00	527	473	45	3	6
14:00	584	507	68	1	8
15:00	659	579	70	0	10
16:00	732	658	60	3	11
17:00	782	717	57	1	7
18:00	472	439	27	0	6
19:00	357	341	10	0	6
20:00	241	230	9	0	2
21:00	152	141	7	0	4
22:00	112	106	4	0	2
23:00	51	45	4	0	2
Total					
12H(7-19)	7059	6329	632	10	88
16H(6-22)	7946	7155	677	10	104
18H(6-24)	8109	7306	685	10	108
24H(0-24)	8185	7366	698	11	110
AM Peak	08:00	08:00	08:00	04:00	09:00
	760	697	57	1	11
PM Peak	17:00	17:00	15:00	13:00	16:00
	782	717	70	3	11

360 TSL Ltd



# North Wales ATC 1, A547 Abergele Road

Direction: Eastbound

28/04/2022

Hour Beginning	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5<10	Bin 3 10<15	Bin 4 15<20	Bin 5 20<25	Bin 6 25<30	Bin 7 30<35	Bin 8 35<40	Bin 9 40<45	Bin 10 45<50	Bin 11 50<55	Bin 12 >=55
00:00	21	28.5	22.3	6.0	0	0	3	4	7	5	2	0	0	0	0	0
01:00	6	30.6	26.7	3.8	0	0	0	0	2	3	1	0	0	0	0	0
02:00	8	31.2	25.0	6.0	0	0	1	0	2	4	1	0	0	0	0	0
03:00	4	28.8	26.3	2.5	0	0	0	0	1	3	0	0	0	0	0	0
04:00	3	32.7	27.5	5.0	0	0	0	0	1	1	1	0	0	0	0	0
05:00	8	28.2	24.4	3.7	0	0	0	1	3	4	0	0	0	0	0	0
06:00	52	28.9	23.8	4.9	0	0	1	10	22	14	4	1	0	0	0	0
07:00	171	25.9	21.6	4.2	0	0	10	45	84	30	2	0	0	0	0	0
08:00	292	24.8	19.9	4.7	0	8	41	69	149	25	0	0	0	0	0	0
09:00	220	25.2	20.4	4.6	0	4	26	54	111	23	2	0	0	0	0	0
10:00	215	24.1	20.0	4.0	0	1	17	89	91	15	2	0	0	0	0	0
11:00	237	24.0	19.7	4.1	0	3	28	81	112	12	1	0	0	0	0	0
12:00	272	23.5	18.9	4.4	0	7	39	113	97	15	1	0	0	0	0	0
13:00	299	24.1	19.6	4.3	0	6	36	102	134	21	0	0	0	0	0	0
14:00	317	24.3	19.8	4.3	1	6	33	106	149	22	0	0	0	0	0	0
15:00	411	25.8	19.8	5.7	1	9	56	128	190	20	3	1	0	0	0	3
16:00	428	24.8	20.4	4.3	0	12	25	138	214	38	0	1	0	0	0	0
17:00	421	24.8	20.1	4.6	0	7	51	125	194	41	3	0	0	0	0	0
18:00	290	25.6	21.3	4.2	0	0	24	67	158	37	4	0	0	0	0	0
19:00	207	26.4	22.0	4.2	0	0	10	48	110	33	5	1	0	0	0	0
20:00	144	26.9	22.2	4.6	0	1	12	18	82	28	2	1	0	0	0	0
21:00	96	27.9	22.9	4.8	0	0	5	14	54	16	5	2	0	0	0	0
22:00	68	26.9	21.9	4.9	0	0	6	16	28	16	2	0	0	0	0	0
23:00	26	30.1	24.6	5.3	0	0	2	2	7	14	0	1	0	0	0	0
Total																
2H(10-12)	452	24.1	19.9	4.1	0	4	45	170	203	27	3	0	0	0	0	0
2H(14-16)	728	25.2	19.8	5.2	2	15	89	234	339	42	3	1	0	0	0	3
12H(7-19)	3573	24.8	20.1	4.6	2	63	386	1117	1683	299	18	2	0	0	0	3
24H(0-24)	4216	25.3	20.5	4.7	2	64	426	1230	2002	440	41	8	0	0	0	3
AM Peak	08:00 292	04:00 32.7	04:00 27.5	00:00 6.0	00:00 0	08:00 8	08:00 41	10:00 89	08:00 149	07:00 30	06:00 4	06:00 1	00:00 0	00:00 0	00:00 0	00:00 0
PM Peak	16:00 428	23:00 30.1	23:00 24.6	15:00 5.7	14:00 1	16:00 12	15:00 56	16:00 138	16:00 214	17:00 41	19:00 5	21:00 2	12:00 0	12:00 0	12:00 0	15:00 3



Direction: Westbound

Hour Beginning	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5<10	Bin 3 10<15	Bin 4 15<20	Bin 5 20<25	Bin 6 25<30	Bin 7 30<35	Bin 8 35<40	Bin 9 40<45	Bin 10 45<50	Bin 11 50<55	Bin 12 >=55
00:00	39	28.9	23.9	4.9	0	0	1	7	14	15	1	1	0	0	0	0
01:00	9	29.8	26.4	3.3	0	0	0	0	3	5	1	0	0	0	0	0
02:00	5	27.2	21.5	5.5	0	0	1	0	3	1	0	0	0	0	0	0
03:00	1	-	27.5	-	0	0	0	0	0	1	0	0	0	0	0	0
04:00	6	33.6	25.8	7.5	0	0	0	1	3	0	1	1	0	0	0	0
05:00	25	31.6	27.1	4.3	0	0	0	2	4	13	6	0	0	0	0	0
06:00	77	29.9	25.0	4.8	0	0	2	8	27	31	8	1	0	0	0	0
07:00	224	27.9	24.0	3.8	0	1	2	18	123	72	7	0	1	0	0	0
08:00	434	26.1	22.4	3.5	0	2	3	88	247	93	1	0	0	0	0	0
09:00	280	27.2	22.7	4.3	1	1	10	47	141	74	6	0	0	0	0	0
10:00	260	26.2	22.3	3.7	0	1	8	44	157	47	3	0	0	0	0	0
11:00	289	25.6	21.4	4.0	0	0	20	65	163	38	3	0	0	0	0	0
12:00	287	26.2	21.5	4.6	2	6	15	52	168	40	4	0	0	0	0	0
13:00	282	25.9	22.1	3.6	0	1	7	56	168	49	0	1	0	0	0	0
14:00	294	26.1	22.0	3.9	0	2	10	60	171	46	5	0	0	0	0	0
15:00	300	26.0	21.3	4.5	0	5	18	76	148	50	2	1	0	0	0	0
16:00	318	26.2	21.7	4.3	0	2	26	56	173	59	2	0	0	0	0	0
17:00	333	26.3	21.3	4.8	1	7	25	70	169	55	6	0	0	0	0	0
18:00	239	28.2	24.0	4.1	0	1	7	17	117	88	9	0	0	0	0	0
19:00	174	27.8	24.0	3.6	0	0	0	22	82	65	5	0	0	0	0	0
20:00	123	27.5	23.7	3.7	0	0	2	12	68	37	4	0	0	0	0	0
21:00	95	28.4	24.4	3.8	0	0	1	5	51	34	2	2	0	0	0	0
22:00	43	29.0	23.9	4.9	0	0	1	7	19	12	3	1	0	0	0	0
23:00	25	28.2	23.3	4.7	0	0	1	3	15	3	3	0	0	0	0	0
Total																
2H(10-12)	549	25.9	21.9	3.9	0	1	28	109	320	85	6	0	0	0	0	0
2H(14-16)	594	26.1	21.7	4.2	0	7	28	136	319	96	7	1	0	0	0	0
12H(7-19)	3540	26.5	22.2	4.2	4	29	151	649	1945	711	48	2	1	0	0	0
24H(0-24)	4162	26.9	22.5	4.3	4	29	160	716	2234	928	82	8	1	0	0	0
AM Peak	08:00 434	04:00 33.6	03:00 27.5	04:00 7.5	09:00 1	08:00 2	11:00 20	08:00 88	08:00 247	08:00 93	06:00 8	00:00 1	07:00 1	00:00 0	00:00 0	00:00 0
PM Peak	17:00 333	22:00 29.0	21:00 24.4	22:00 4.9	12:00 2	17:00 7	16:00 26	15:00 76	16:00 173	18:00 88	18:00 9	21:00 2	12:00 0	12:00 0	12:00 0	12:00 0



Direction: Total Flow

Hour Beginning	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5<10	Bin 3 10<15	Bin 4 15<20	Bin 5 20<25	Bin 6 25<30	Bin 7 30<35	Bin 8 35<40	Bin 9 40<45	Bin 10 45<50	Bin 11 50<55	Bin 12 >=55
00:00	60	28.8	23.3	5.3	0	0	4	11	21	20	3	1	0	0	0	0
01:00	15	30.0	26.5	3.4	0	0	0	0	5	8	2	0	0	0	0	0
02:00	13	29.7	23.7	5.8	0	0	2	0	5	5	1	0	0	0	0	0
03:00	5	28.8	26.5	2.2	0	0	0	0	1	4	0	0	0	0	0	0
04:00	9	33.1	26.4	6.5	0	0	0	1	4	1	2	1	0	0	0	0
05:00	33	30.9	26.4	4.3	0	0	0	3	7	17	6	0	0	0	0	0
06:00	129	29.5	24.5	4.9	0	0	3	18	49	45	12	2	0	0	0	0
07:00	395	27.2	22.9	4.1	0	1	12	63	207	102	9	0	1	0	0	0
08:00	726	25.8	21.4	4.2	0	10	44	157	396	118	1	0	0	0	0	0
09:00	500	26.5	21.7	4.6	1	5	36	101	252	97	8	0	0	0	0	0
10:00	475	25.4	21.3	4.0	0	2	25	133	248	62	5	0	0	0	0	0
11:00	526	25.0	20.7	4.1	0	3	48	146	275	50	4	0	0	0	0	0
12:00	559	25.1	20.2	4.7	2	13	54	165	265	55	5	0	0	0	0	0
13:00	581	25.2	20.8	4.2	0	7	43	158	302	70	0	1	0	0	0	0
14:00	611	25.3	20.8	4.3	1	8	43	166	320	68	5	0	0	0	0	0
15:00	711	26.0	20.5	5.3	1	14	74	204	338	70	5	2	0	0	0	3
16:00	746	25.4	20.9	4.4	0	14	51	194	387	97	2	1	0	0	0	0
17:00	754	25.5	20.7	4.7	1	14	76	195	363	96	9	0	0	0	0	0
18:00	529	27.0	22.5	4.3	0	1	31	84	275	125	13	0	0	0	0	0
19:00	381	27.1	22.9	4.1	0	0	10	70	192	98	10	1	0	0	0	0
20:00	267	27.3	22.9	4.2	0	1	14	30	150	65	6	1	0	0	0	0
21:00	191	28.2	23.7	4.4	0	0	6	19	105	50	7	4	0	0	0	0
22:00	111	27.8	22.7	5.0	0	0	7	23	47	28	5	1	0	0	0	0
23:00	51	29.2	24.0	5.0	0	0	3	5	22	17	3	1	0	0	0	0
Total																
2H(10-12)	1001	25.2	21.0	4.1	0	5	73	279	523	112	9	0	0	0	0	0
2H(14-16)	1322	25.7	20.6	4.9	2	22	117	370	658	138	10	2	0	0	0	3
12H(7-19)	7113	25.8	21.1	4.5	6	92	537	1766	3628	1010	66	4	1	0	0	3
24H(0-24)	8378	26.2	21.5	4.6	6	93	586	1946	4236	1368	123	16	1	0	0	3
AM Peak	08:00 726	04:00 33.1	01:00 26.5	04:00 6.5	09:00 1	08:00 10	11:00 48	08:00 157	08:00 396	08:00 118	06:00 12	06:00 2	07:00 1	00:00 0	00:00 0	00:00 0
PM Peak	17:00 754	23:00 29.2	23:00 24.0	15:00 5.3	12:00 2	15:00 14	17:00 76	15:00 204	16:00 387	18:00 125	18:00 13	21:00 4	12:00 0	12:00 0	12:00 0	15:00 3



# North Wales ATC 1, A547 Abergele Road

Direction: Eastbound

29/04/2022

Hour Beginning	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5<10	Bin 3 10<15	Bin 4 15<20	Bin 5 20<25	Bin 6 25<30	Bin 7 30<35	Bin 8 35<40	Bin 9 40<45	Bin 10 45<50	Bin 11 50<55	Bin 12 >=55
00:00	10	30.3	26.0	4.1	0	0	0	1	2	6	1	0	0	0	0	0
01:00	2	29.8	22.5	7.1	0	0	0	1	0	1	0	0	0	0	0	0
02:00	1	-	27.5	-	0	0	0	0	0	1	0	0	0	0	0	0
03:00	2	29.8	22.5	7.1	0	0	0	1	0	1	0	0	0	0	0	0
04:00	4	31.2	26.3	4.8	0	0	0	0	2	1	1	0	0	0	0	0
05:00	10	29.0	22.5	6.2	0	0	1	3	2	3	1	0	0	0	0	0
06:00	49	28.0	23.6	4.2	0	0	1	7	24	14	3	0	0	0	0	0
07:00	177	25.9	21.4	4.4	0	1	15	40	90	29	2	0	0	0	0	0
08:00	275	25.6	20.9	4.5	0	7	17	71	143	34	3	0	0	0	0	0
09:00	271	25.2	20.5	4.5	0	4	26	82	124	33	2	0	0	0	0	0
10:00	237	25.0	20.6	4.2	0	2	19	75	113	26	2	0	0	0	0	0
11:00	304	24.4	19.8	4.4	0	6	32	110	130	24	2	0	0	0	0	0
12:00	324	24.4	20.1	4.2	0	4	33	107	153	26	1	0	0	0	0	0
13:00	313	24.0	18.6	5.2	1	16	62	99	109	24	2	0	0	0	0	0
14:00	363	23.2	17.9	5.1	1	24	77	121	123	15	2	0	0	0	0	0
15:00	402	23.1	18.3	4.6	1	9	88	154	126	24	0	0	0	0	0	0
16:00	440	22.5	17.6	4.7	0	20	106	177	116	20	1	0	0	0	0	0
17:00	417	22.7	18.0	4.5	0	14	93	169	124	16	1	0	0	0	0	0
18:00	279	24.2	19.5	4.6	0	4	41	101	106	26	1	0	0	0	0	0
19:00	249	24.8	20.4	4.2	0	1	25	79	117	26	1	0	0	0	0	0
20:00	183	25.0	20.6	4.2	0	0	21	50	91	20	1	0	0	0	0	0
21:00	141	26.3	21.3	4.8	0	0	12	43	60	22	2	2	0	0	0	0
22:00	71	26.0	21.3	4.5	0	0	8	15	34	14	0	0	0	0	0	0
23:00	47	26.5	22.5	3.9	0	0	1	11	22	13	0	0	0	0	0	0
Total																
2H(10-12)	541	24.7	20.2	4.3	0	8	51	185	243	50	4	0	0	0	0	0
2H(14-16)	765	23.2	18.1	4.9	2	33	165	275	249	39	2	0	0	0	0	0
12H(7-19)	3802	24.1	19.2	4.8	3	111	609	1306	1457	297	19	0	0	0	0	0
24H(0-24)	4571	24.5	19.5	4.8	3	112	678	1517	1811	419	29	2	0	0	0	0
AM Peak	11:00 304	04:00 31.2	02:00 27.5	01:00 7.1	00:00 0	08:00 7	11:00 32	11:00 110	08:00 143	08:00 34	06:00 3	00:00 0	00:00 0	00:00 0	00:00 0	00:00 0
PM Peak	16:00 440	23:00 26.5	23:00 22.5	13:00 5.2	13:00 1	14:00 24	16:00 106	16:00 177	12:00 153	12:00 26	13:00 2	21:00 2	12:00 0	12:00 0	12:00 0	12:00 0



Direction: Westbound

Hour Beginning	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5<10	Bin 3 10<15	Bin 4 15<20	Bin 5 20<25	Bin 6 25<30	Bin 7 30<35	Bin 8 35<40	Bin 9 40<45	Bin 10 45<50	Bin 11 50<55	Bin 12 >=55
00:00	11	29.0	24.8	4.1	0	0	0	2	2	7	0	0	0	0	0	0
01:00	1	-	22.5	-	0	0	0	0	1	0	0	0	0	0	0	0
02:00	2	23.7	20.0	3.5	0	0	0	1	1	0	0	0	0	0	0	0
03:00	2	28.7	25.0	3.5	0	0	0	0	1	1	0	0	0	0	0	0
04:00	6	30.4	24.2	6.1	0	0	0	2	1	2	1	0	0	0	0	0
05:00	22	28.7	25.2	3.4	0	0	0	1	9	11	1	0	0	0	0	0
06:00	72	29.5	24.7	4.7	0	0	0	12	26	26	7	1	0	0	0	0
07:00	206	27.6	23.2	4.3	0	1	5	34	96	65	4	1	0	0	0	0
08:00	435	27.4	22.6	4.7	0	6	11	83	224	104	3	1	0	3	0	0
09:00	345	28.1	22.2	5.7	0	4	25	52	201	53	4	3	0	0	0	3
10:00	314	26.2	21.6	4.5	0	7	18	58	175	53	3	0	0	0	0	0
11:00	343	25.7	21.2	4.4	0	7	20	83	183	47	3	0	0	0	0	0
12:00	311	25.7	22.2	3.4	0	1	3	65	191	48	3	0	0	0	0	0
13:00	300	25.9	21.5	4.3	0	1	21	75	149	50	4	0	0	0	0	0
14:00	346	26.0	21.0	4.8	1	8	32	70	177	56	2	0	0	0	0	0
15:00	358	25.4	20.7	4.5	1	3	28	112	165	44	5	0	0	0	0	0
16:00	451	25.7	21.4	4.1	1	5	21	106	247	70	1	0	0	0	0	0
17:00	436	25.7	20.8	4.8	0	10	34	125	208	50	6	3	0	0	0	0
18:00	294	26.9	22.2	4.6	0	3	12	63	146	62	7	0	1	0	0	0
19:00	171	27.1	22.8	4.2	0	1	4	33	84	46	2	1	0	0	0	0
20:00	137	26.4	22.2	4.1	0	0	5	33	68	28	3	0	0	0	0	0
21:00	100	27.2	23.0	4.1	0	0	4	13	57	22	4	0	0	0	0	0
22:00	59	27.6	23.6	3.8	0	0	0	9	31	16	3	0	0	0	0	0
23:00	42	27.3	23.3	3.8	0	0	0	7	23	10	2	0	0	0	0	0
Total																
2H(10-12)	657	26.0	21.4	4.4	0	14	38	141	358	100	6	0	0	0	0	0
2H(14-16)	704	25.7	20.9	4.6	2	11	60	182	342	100	7	0	0	0	0	0
12H(7-19)	4139	26.4	21.6	4.6	3	56	230	926	2162	702	45	8	1	3	0	3
24H(0-24)	4764	26.6	21.8	4.6	3	57	243	1039	2466	871	68	10	1	3	0	3
AM Peak	08:00 435	04:00 30.4	05:00 25.2	04:00 6.1	00:00 0	10:00 7	09:00 25	08:00 83	08:00 224	08:00 104	06:00 7	09:00 3	00:00 0	08:00 3	00:00 0	09:00 3
PM Peak	16:00 451	22:00 27.6	22:00 23.6	14:00 4.8	14:00 1	17:00 10	17:00 34	17:00 125	16:00 247	16:00 70	18:00 7	17:00 3	18:00 1	12:00 0	12:00 0	12:00 0



Direction: Total Flow

Hour Beginning	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5<10	Bin 3 10<15	Bin 4 15<20	Bin 5 20<25	Bin 6 25<30	Bin 7 30<35	Bin 8 35<40	Bin 9 40<45	Bin 10 45<50	Bin 11 50<55	Bin 12 >=55
00:00	21	29.6	25.4	4.1	0	0	0	3	4	13	1	0	0	0	0	0
01:00	3	27.7	22.5	5.0	0	0	0	1	1	1	0	0	0	0	0	0
02:00	3	27.7	22.5	5.0	0	0	0	1	1	1	0	0	0	0	0	0
03:00	4	28.7	23.8	4.8	0	0	0	1	1	2	0	0	0	0	0	0
04:00	10	30.6	25.0	5.4	0	0	0	2	3	3	2	0	0	0	0	0
05:00	32	29.1	24.4	4.5	0	0	1	4	11	14	2	0	0	0	0	0
06:00	121	28.9	24.2	4.5	0	0	1	19	50	40	10	1	0	0	0	0
07:00	383	26.9	22.4	4.4	0	2	20	74	186	94	6	1	0	0	0	0
08:00	710	26.8	21.9	4.7	0	13	28	154	367	138	6	1	0	3	0	0
09:00	616	26.9	21.4	5.3	0	8	51	134	325	86	6	3	0	0	0	3
10:00	551	25.7	21.2	4.4	0	9	37	133	288	79	5	0	0	0	0	0
11:00	647	25.1	20.5	4.4	0	13	52	193	313	71	5	0	0	0	0	0
12:00	635	25.2	21.1	4.0	0	5	36	172	344	74	4	0	0	0	0	0
13:00	613	25.2	20.0	5.0	1	17	83	174	258	74	6	0	0	0	0	0
14:00	709	24.8	19.4	5.2	2	32	109	191	300	71	4	0	0	0	0	0
15:00	760	24.3	19.4	4.7	2	12	116	266	291	68	5	0	0	0	0	0
16:00	891	24.6	19.6	4.8	1	25	127	283	363	90	2	0	0	0	0	0
17:00	853	24.4	19.4	4.9	0	24	127	294	332	66	7	3	0	0	0	0
18:00	573	25.8	20.9	4.8	0	7	53	164	252	88	8	0	1	0	0	0
19:00	420	25.9	21.4	4.4	0	2	29	112	201	72	3	1	0	0	0	0
20:00	320	25.7	21.3	4.3	0	0	26	83	159	48	4	0	0	0	0	0
21:00	241	26.7	22.0	4.6	0	0	16	56	117	44	6	2	0	0	0	0
22:00	130	26.9	22.3	4.4	0	0	8	24	65	30	3	0	0	0	0	0
23:00	89	26.9	22.9	3.9	0	0	1	18	45	23	2	0	0	0	0	0
Total																
2H(10-12)	1198	25.4	20.8	4.4	0	22	89	326	601	150	10	0	0	0	0	0
2H(14-16)	1469	24.6	19.4	5.0	4	44	225	457	591	139	9	0	0	0	0	0
12H(7-19)	7941	25.5	20.5	4.8	6	167	839	2232	3619	999	64	8	1	3	0	3
24H(0-24)	9335	25.7	20.7	4.8	6	169	921	2556	4277	1290	97	12	1	3	0	3
AM Peak	08:00 710	04:00 30.6	00:00 25.4	04:00 5.4	00:00 0	08:00 13	11:00 52	11:00 193	08:00 367	08:00 138	06:00 10	09:00 3	00:00 0	08:00 3	00:00 0	09:00 3
PM Peak	16:00 891	23:00 26.9	23:00 22.9	14:00 5.2	14:00 2	14:00 32	16:00 127	17:00 294	16:00 363	16:00 90	18:00 8	17:00 3	18:00 1	12:00 0	12:00 0	12:00 0



# North Wales ATC 1, A547 Abergele Road

Direction: Eastbound

30/04/2022

Hour Beginning	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5<10	Bin 3 10<15	Bin 4 15<20	Bin 5 20<25	Bin 6 25<30	Bin 7 30<35	Bin 8 35<40	Bin 9 40<45	Bin 10 45<50	Bin 11 50<55	Bin 12 >=55
00:00	27	29.7	24.0	5.5	0	0	1	5	10	8	2	1	0	0	0	0
01:00	13	27.8	22.9	4.8	0	0	1	2	5	5	0	0	0	0	0	0
02:00	6	30.1	25.8	4.1	0	0	0	0	3	2	1	0	0	0	0	0
03:00	5	25.8	23.5	2.2	0	0	0	0	4	1	0	0	0	0	0	0
04:00	4	31.7	25.0	6.5	0	0	0	1	1	1	1	0	0	0	0	0
05:00	8	30.5	24.4	5.9	0	0	0	2	3	1	2	0	0	0	0	0
06:00	23	27.0	21.4	5.4	0	0	4	4	8	7	0	0	0	0	0	0
07:00	64	25.9	21.3	4.5	0	0	6	17	28	13	0	0	0	0	0	0
08:00	122	25.8	20.7	4.9	0	1	17	31	50	22	1	0	0	0	0	0
09:00	194	24.2	19.4	4.6	0	3	31	66	76	18	0	0	0	0	0	0
10:00	258	23.6	19.1	4.3	1	4	30	114	94	13	2	0	0	0	0	0
11:00	286	23.1	18.6	4.4	0	6	44	138	79	17	2	0	0	0	0	0
12:00	298	23.8	18.9	4.7	0	10	45	117	105	19	2	0	0	0	0	0
13:00	328	22.7	18.3	4.2	0	6	60	149	100	12	1	0	0	0	0	0
14:00	337	23.5	18.6	4.7	2	11	55	127	126	14	2	0	0	0	0	0
15:00	359	24.1	19.7	4.2	0	6	36	133	161	21	2	0	0	0	0	0
16:00	357	23.6	19.2	4.3	0	8	45	146	139	17	2	0	0	0	0	0
17:00	316	24.6	20.3	4.1	0	5	26	97	165	21	2	0	0	0	0	0
18:00	208	24.7	20.2	4.4	1	3	19	66	100	18	1	0	0	0	0	0
19:00	198	24.1	19.8	4.1	0	2	21	73	90	10	2	0	0	0	0	0
20:00	128	25.8	20.7	5.0	0	3	14	32	60	16	3	0	0	0	0	0
21:00	96	26.7	21.5	5.1	0	0	11	24	38	21	1	1	0	0	0	0
22:00	69	26.1	21.6	4.4	0	0	7	12	38	11	1	0	0	0	0	0
23:00	39	26.4	22.0	4.3	0	0	2	10	17	10	0	0	0	0	0	0
Total																
2H(10-12)	544	23.4	18.9	4.4	1	10	74	252	173	30	4	0	0	0	0	0
2H(14-16)	696	23.9	19.2	4.5	2	17	91	260	287	35	4	0	0	0	0	0
12H(7-19)	3127	23.9	19.3	4.5	4	63	414	1201	1223	205	17	0	0	0	0	0
24H(0-24)	3743	24.3	19.6	4.6	4	68	475	1366	1500	298	30	2	0	0	0	0
AM Peak	11:00 286	04:00 31.7	02:00 25.8	04:00 6.5	10:00 1	11:00 6	11:00 44	11:00 138	10:00 94	08:00 22	00:00 2	00:00 1	00:00 0	00:00 0	00:00 0	00:00 0
PM Peak	15:00 359	21:00 26.7	23:00 22.0	21:00 5.1	14:00 2	14:00 11	13:00 60	13:00 149	17:00 165	15:00 21	20:00 3	21:00 1	12:00 0	12:00 0	12:00 0	12:00 0



Direction: Westbound

Hour Beginning	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5<10	Bin 3 10<15	Bin 4 15<20	Bin 5 20<25	Bin 6 25<30	Bin 7 30<35	Bin 8 35<40	Bin 9 40<45	Bin 10 45<50	Bin 11 50<55	Bin 12 >=55
00:00	14	27.2	22.9	4.1	0	0	0	4	5	5	0	0	0	0	0	0
01:00	7	29.4	25.4	3.9	0	0	0	1	1	5	0	0	0	0	0	0
02:00	1	-	27.5	-	0	0	0	0	0	1	0	0	0	0	0	0
03:00	4	28.8	26.3	2.5	0	0	0	0	1	3	0	0	0	0	0	0
04:00	7	32.3	26.8	5.3	0	0	0	0	3	3	0	1	0	0	0	0
05:00	14	28.1	24.3	3.7	0	0	0	1	8	4	1	0	0	0	0	0
06:00	30	27.0	23.3	3.5	0	0	0	5	15	10	0	0	0	0	0	0
07:00	88	28.4	23.8	4.5	0	0	2	15	36	29	6	0	0	0	0	0
08:00	206	26.7	22.7	3.8	0	0	5	37	112	50	1	1	0	0	0	0
09:00	340	26.2	21.7	4.3	0	3	25	62	182	67	1	0	0	0	0	0
10:00	383	25.1	20.9	4.0	1	4	25	97	215	41	0	0	0	0	0	0
11:00	369	25.1	20.5	4.5	1	8	31	96	197	33	3	0	0	0	0	0
12:00	387	25.2	21.1	3.9	2	2	14	110	214	44	0	1	0	0	0	0
13:00	318	25.1	21.4	3.7	1	0	10	88	182	35	2	0	0	0	0	0
14:00	317	25.9	21.6	4.2	0	3	13	80	168	50	1	2	0	0	0	0
15:00	269	25.3	21.6	3.5	0	1	6	69	158	33	2	0	0	0	0	0
16:00	292	26.4	21.5	4.8	0	7	13	65	170	29	6	0	0	2	0	0
17:00	261	25.7	22.0	3.5	1	0	4	57	155	44	0	0	0	0	0	0
18:00	216	26.8	22.3	4.4	0	2	12	37	111	51	3	0	0	0	0	0
19:00	141	28.0	24.0	3.9	0	0	1	17	69	48	5	1	0	0	0	0
20:00	112	26.8	22.7	3.9	0	0	3	20	61	25	3	0	0	0	0	0
21:00	83	25.6	21.9	3.5	0	0	2	20	47	14	0	0	0	0	0	0
22:00	50	28.9	24.5	4.3	0	0	1	4	24	16	5	0	0	0	0	0
23:00	30	28.6	23.2	5.2	0	0	2	5	12	10	0	1	0	0	0	0
Total																
2H(10-12)	752	25.1	20.7	4.3	2	12	56	193	412	74	3	0	0	0	0	0
2H(14-16)	586	25.7	21.6	3.9	0	4	19	149	326	83	3	2	0	0	0	0
12H(7-19)	3446	25.8	21.5	4.2	6	30	160	813	1900	506	25	4	0	2	0	0
24H(0-24)	3939	26.1	21.8	4.2	6	30	169	890	2146	650	39	7	0	2	0	0
AM Peak	10:00 383	04:00 32.3	02:00 27.5	04:00 5.3	10:00 1	11:00 8	11:00 31	10:00 97	10:00 215	09:00 67	07:00 6	04:00 1	00:00 0	00:00 0	00:00 0	00:00 0
PM Peak	12:00 387	22:00 28.9	22:00 24.5	23:00 5.2	12:00 2	16:00 7	12:00 14	12:00 110	12:00 214	18:00 51	16:00 6	14:00 2	12:00 0	16:00 2	12:00 0	12:00 0



Direction: Total Flow

Hour Beginning	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5<10	Bin 3 10<15	Bin 4 15<20	Bin 5 20<25	Bin 6 25<30	Bin 7 30<35	Bin 8 35<40	Bin 9 40<45	Bin 10 45<50	Bin 11 50<55	Bin 12 >=55
00:00	41	28.8	23.6	5.1	0	0	1	9	15	13	2	1	0	0	0	0
01:00	20	28.5	23.8	4.6	0	0	1	3	6	10	0	0	0	0	0	0
02:00	7	30.0	26.1	3.8	0	0	0	0	3	3	1	0	0	0	0	0
03:00	9	27.5	24.7	2.6	0	0	0	0	5	4	0	0	0	0	0	0
04:00	11	31.9	26.1	5.5	0	0	0	1	4	4	1	1	0	0	0	0
05:00	22	29.0	24.3	4.5	0	0	0	3	11	5	3	0	0	0	0	0
06:00	53	27.2	22.5	4.5	0	0	4	9	23	17	0	0	0	0	0	0
07:00	152	27.5	22.7	4.6	0	0	8	32	64	42	6	0	0	0	0	0
08:00	328	26.5	22.0	4.4	0	1	22	68	162	72	2	1	0	0	0	0
09:00	534	25.6	20.9	4.5	0	6	56	128	258	85	1	0	0	0	0	0
10:00	641	24.6	20.2	4.2	2	8	55	211	309	54	2	0	0	0	0	0
11:00	655	24.4	19.7	4.5	1	14	75	234	276	50	5	0	0	0	0	0
12:00	685	24.7	20.2	4.4	2	12	59	227	319	63	2	1	0	0	0	0
13:00	646	24.2	19.8	4.2	1	6	70	237	282	47	3	0	0	0	0	0
14:00	654	24.9	20.1	4.7	2	14	68	207	294	64	3	2	0	0	0	0
15:00	628	24.7	20.5	4.0	0	7	42	202	319	54	4	0	0	0	0	0
16:00	649	25.0	20.2	4.7	0	15	58	211	309	46	8	0	0	2	0	0
17:00	577	25.2	21.1	4.0	1	5	30	154	320	65	2	0	0	0	0	0
18:00	424	25.9	21.2	4.5	1	5	31	103	211	69	4	0	0	0	0	0
19:00	339	26.2	21.5	4.5	0	2	22	90	159	58	7	1	0	0	0	0
20:00	240	26.4	21.6	4.6	0	3	17	52	121	41	6	0	0	0	0	0
21:00	179	26.2	21.7	4.4	0	0	13	44	85	35	1	1	0	0	0	0
22:00	119	27.5	22.8	4.6	0	0	8	16	62	27	6	0	0	0	0	0
23:00	69	27.4	22.5	4.7	0	0	4	15	29	20	0	1	0	0	0	0
Total																
2H(10-12)	1296	24.5	19.9	4.4	3	22	130	445	585	104	7	0	0	0	0	0
2H(14-16)	1282	24.9	20.3	4.4	2	21	110	409	613	118	7	2	0	0	0	0
12H(7-19)	6573	25.1	20.5	4.4	10	93	574	2014	3123	711	42	4	0	2	0	0
24H(0-24)	7682	25.4	20.7	4.5	10	98	644	2256	3646	948	69	9	0	2	0	0
AM Peak	11:00 655	04:00 31.9	04:00 26.1	04:00 5.5	10:00 2	11:00 14	11:00 75	11:00 234	10:00 309	09:00 85	07:00 6	00:00 1	00:00 0	00:00 0	00:00 0	00:00 0
PM Peak	12:00 685	22:00 27.5	22:00 22.8	23:00 4.7	12:00 2	16:00 15	13:00 70	13:00 237	17:00 320	18:00 69	16:00 8	14:00 2	12:00 0	16:00 2	12:00 0	12:00 0



# North Wales ATC 1, A547 Abergele Road

Direction: Eastbound

01/05/2022

Hour Beginning	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5<10	Bin 3 10<15	Bin 4 15<20	Bin 5 20<25	Bin 6 25<30	Bin 7 30<35	Bin 8 35<40	Bin 9 40<45	Bin 10 45<50	Bin 11 50<55	Bin 12 >=55
00:00	18	26.9	22.5	4.2	0	0	1	3	9	5	0	0	0	0	0	0
01:00	12	25.4	20.8	4.4	0	0	2	1	8	1	0	0	0	0	0	0
02:00	9	28.8	22.5	6.1	0	0	1	2	3	2	1	0	0	0	0	0
03:00	7	29.4	21.8	7.3	0	0	2	0	3	1	1	0	0	0	0	0
04:00	6	31.2	25.8	5.2	0	0	0	1	1	3	1	0	0	0	0	0
05:00	5	32.5	25.5	6.7	0	0	0	1	2	0	2	0	0	0	0	0
06:00	10	25.6	21.5	3.9	0	0	0	4	4	2	0	0	0	0	0	0
07:00	34	27.1	22.1	4.8	0	0	3	8	12	11	0	0	0	0	0	0
08:00	59	27.7	21.7	5.8	0	0	9	9	28	10	2	0	1	0	0	0
09:00	113	25.3	20.5	4.7	0	1	14	30	54	12	2	0	0	0	0	0
10:00	151	24.3	19.5	4.7	1	4	18	51	67	9	1	0	0	0	0	0
11:00	197	23.6	18.7	4.7	1	8	28	79	69	12	0	0	0	0	0	0
12:00	282	22.9	18.8	4.0	1	3	39	130	100	8	1	0	0	0	0	0
13:00	298	22.5	17.7	4.7	0	17	67	113	93	7	1	0	0	0	0	0
14:00	282	23.1	18.1	4.8	1	15	49	119	84	12	2	0	0	0	0	0
15:00	324	22.7	17.9	4.7	0	13	69	144	78	19	1	0	0	0	0	0
16:00	317	22.5	17.9	4.4	1	12	62	136	98	8	0	0	0	0	0	0
17:00	231	25.2	20.5	4.5	0	2	30	56	118	22	3	0	0	0	0	0
18:00	169	25.1	20.8	4.1	0	1	13	50	85	19	1	0	0	0	0	0
19:00	139	25.7	21.3	4.2	0	0	12	31	75	19	2	0	0	0	0	0
20:00	114	26.9	22.7	4.1	0	0	5	18	60	29	2	0	0	0	0	0
21:00	75	27.2	22.1	4.9	0	0	7	14	35	17	1	1	0	0	0	0
22:00	65	25.6	20.9	4.5	0	1	7	12	38	6	1	0	0	0	0	0
23:00	37	27.0	22.2	4.6	0	0	4	4	19	10	0	0	0	0	0	0
Total																
2H(10-12)	348	23.9	19.0	4.7	2	12	46	130	136	21	1	0	0	0	0	0
2H(14-16)	606	22.9	18.0	4.8	1	28	118	263	162	31	3	0	0	0	0	0
12H(7-19)	2457	23.8	18.9	4.7	5	76	401	925	886	149	14	0	1	0	0	0
24H(0-24)	2954	24.4	19.4	4.8	5	77	442	1016	1143	244	25	1	1	0	0	0
AM Peak	11:00 197	05:00 32.5	04:00 25.8	03:00 7.3	10:00 1	11:00 8	11:00 28	11:00 79	11:00 69	09:00 12	05:00 2	00:00 0	08:00 1	00:00 0	00:00 0	00:00 0
PM Peak	15:00 324	21:00 27.2	20:00 22.7	21:00 4.9	12:00 1	13:00 17	15:00 69	15:00 144	17:00 118	20:00 29	17:00 3	21:00 1	12:00 0	12:00 0	12:00 0	12:00 0



Direction: Westbound

Hour Beginning	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5<10	Bin 3 10<15	Bin 4 15<20	Bin 5 20<25	Bin 6 25<30	Bin 7 30<35	Bin 8 35<40	Bin 9 40<45	Bin 10 45<50	Bin 11 50<55	Bin 12 >=55
00:00	24	28.4	24.0	4.3	0	0	0	4	11	7	2	0	0	0	0	0
01:00	16	29.0	24.1	4.7	0	0	1	2	4	9	0	0	0	0	0	0
02:00	5	37.0	28.5	8.2	0	0	0	0	3	0	0	2	0	0	0	0
03:00	5	26.2	22.5	3.5	0	0	0	1	3	1	0	0	0	0	0	0
04:00	3	32.2	29.2	2.9	0	0	0	0	0	2	1	0	0	0	0	0
05:00	6	27.8	25.0	2.7	0	0	0	0	3	3	0	0	0	0	0	0
06:00	16	29.8	25.6	4.0	0	0	0	1	6	7	2	0	0	0	0	0
07:00	45	27.7	23.4	4.2	0	0	0	10	19	14	2	0	0	0	0	0
08:00	86	27.9	23.9	3.9	0	0	2	9	40	33	2	0	0	0	0	0
09:00	184	26.6	22.9	3.6	0	0	3	28	105	46	2	0	0	0	0	0
10:00	295	25.9	22.2	3.6	0	0	5	66	167	54	3	0	0	0	0	0
11:00	304	25.1	20.9	4.0	1	3	19	75	176	29	1	0	0	0	0	0
12:00	350	24.7	20.7	3.8	0	5	11	123	179	30	2	0	0	0	0	0
13:00	353	25.9	22.1	3.6	0	0	11	69	211	59	3	0	0	0	0	0
14:00	311	25.7	21.8	3.7	0	2	10	63	192	40	4	0	0	0	0	0
15:00	226	25.6	21.5	3.9	2	1	2	63	129	26	3	0	0	0	0	0
16:00	213	25.8	21.3	4.4	2	1	11	49	121	27	1	1	0	0	0	0
17:00	199	27.1	22.7	4.2	0	0	7	38	100	49	4	1	0	0	0	0
18:00	168	27.1	22.8	4.2	0	0	7	27	88	41	5	0	0	0	0	0
19:00	146	28.0	23.4	4.4	0	1	4	20	71	44	5	1	0	0	0	0
20:00	94	28.2	23.8	4.3	0	0	1	16	40	33	3	1	0	0	0	0
21:00	61	27.8	23.9	3.8	0	0	0	9	28	22	2	0	0	0	0	0
22:00	38	29.1	25.0	4.0	0	0	1	2	14	19	2	0	0	0	0	0
23:00	37	28.3	23.6	4.6	0	0	1	6	17	10	3	0	0	0	0	0
Total																
2H(10-12)	599	25.6	21.6	3.9	1	3	24	141	343	83	4	0	0	0	0	0
2H(14-16)	537	25.6	21.7	3.8	2	3	12	126	321	66	7	0	0	0	0	0
12H(7-19)	2734	26.0	21.9	4.0	5	12	88	620	1527	448	32	2	0	0	0	0
24H(0-24)	3185	26.4	22.2	4.1	5	13	96	681	1727	605	52	6	0	0	0	0
AM Peak	11:00 304	02:00 37.0	04:00 29.2	02:00 8.2	11:00 1	11:00 3	11:00 19	11:00 75	11:00 176	10:00 54	10:00 3	02:00 2	00:00 0	00:00 0	00:00 0	00:00 0
PM Peak	13:00 353	22:00 29.1	22:00 25.0	23:00 4.6	15:00 2	12:00 5	12:00 11	12:00 123	13:00 211	13:00 59	18:00 5	16:00 1	12:00 0	12:00 0	12:00 0	12:00 0



Direction: Total Flow

Hour Beginning	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5<10	Bin 3 10<15	Bin 4 15<20	Bin 5 20<25	Bin 6 25<30	Bin 7 30<35	Bin 8 35<40	Bin 9 40<45	Bin 10 45<50	Bin 11 50<55	Bin 12 >=55
00:00	42	27.8	23.3	4.3	0	0	1	7	20	12	2	0	0	0	0	0
01:00	28	27.7	22.7	4.8	0	0	3	3	12	10	0	0	0	0	0	0
02:00	14	32.2	24.6	7.3	0	0	1	2	6	2	1	2	0	0	0	0
03:00	12	28.1	22.1	5.8	0	0	2	1	6	2	1	0	0	0	0	0
04:00	9	31.8	26.9	4.6	0	0	0	1	1	5	2	0	0	0	0	0
05:00	11	30.1	25.2	4.7	0	0	0	1	5	3	2	0	0	0	0	0
06:00	26	28.6	24.0	4.4	0	0	0	5	10	9	2	0	0	0	0	0
07:00	79	27.5	22.8	4.5	0	0	3	18	31	25	2	0	0	0	0	0
08:00	145	28.0	23.0	4.8	0	0	11	18	68	43	4	0	1	0	0	0
09:00	297	26.3	22.0	4.2	0	1	17	58	159	58	4	0	0	0	0	0
10:00	446	25.6	21.3	4.2	1	4	23	117	234	63	4	0	0	0	0	0
11:00	501	24.7	20.0	4.4	2	11	47	154	245	41	1	0	0	0	0	0
12:00	632	24.0	19.8	4.0	1	8	50	253	279	38	3	0	0	0	0	0
13:00	651	25.0	20.1	4.7	0	17	78	182	304	66	4	0	0	0	0	0
14:00	593	24.9	20.0	4.7	1	17	59	182	276	52	6	0	0	0	0	0
15:00	550	24.3	19.4	4.7	2	14	71	207	207	45	4	0	0	0	0	0
16:00	530	24.1	19.3	4.7	3	13	73	185	219	35	1	1	0	0	0	0
17:00	430	26.2	21.5	4.5	0	2	37	94	218	71	7	1	0	0	0	0
18:00	337	26.2	21.8	4.3	0	1	20	77	173	60	6	0	0	0	0	0
19:00	285	27.0	22.4	4.4	0	1	16	51	146	63	7	1	0	0	0	0
20:00	208	27.5	23.2	4.2	0	0	6	34	100	62	5	1	0	0	0	0
21:00	136	27.6	22.9	4.5	0	0	7	23	63	39	3	1	0	0	0	0
22:00	103	27.3	22.4	4.7	0	1	8	14	52	25	3	0	0	0	0	0
23:00	74	27.7	22.9	4.6	0	0	5	10	36	20	3	0	0	0	0	0
Total																
2H(10-12)	947	25.2	20.6	4.4	3	15	70	271	479	104	5	0	0	0	0	0
2H(14-16)	1143	24.6	19.7	4.7	3	31	130	389	483	97	10	0	0	0	0	0
12H(7-19)	5191	25.2	20.5	4.6	10	88	489	1545	2413	597	46	2	1	0	0	0
24H(0-24)	6139	25.7	20.8	4.7	10	90	538	1697	2870	849	77	7	1	0	0	0
AM Peak	11:00 501	02:00 32.2	04:00 26.9	02:00 7.3	11:00 2	11:00 11	11:00 47	11:00 154	11:00 245	10:00 63	08:00 4	02:00 2	08:00 1	00:00 0	00:00 0	00:00 0
PM Peak	13:00 651	23:00 27.7	20:00 23.2	22:00 4.7	16:00 3	13:00 17	13:00 78	12:00 253	13:00 304	17:00 71	17:00 7	16:00 1	12:00 0	12:00 0	12:00 0	12:00 0



# North Wales ATC 1, A547 Abergele Road

Direction: Eastbound

02/05/2022

Hour Beginning	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5<10	Bin 3 10<15	Bin 4 15<20	Bin 5 20<25	Bin 6 25<30	Bin 7 30<35	Bin 8 35<40	Bin 9 40<45	Bin 10 45<50	Bin 11 50<55	Bin 12 >=55
00:00	18	27.6	21.7	5.8	0	0	3	3	7	4	1	0	0	0	0	0
01:00	9	28.0	25.3	2.6	0	0	0	0	4	5	0	0	0	0	0	0
02:00	9	25.6	19.7	5.7	0	0	2	3	2	2	0	0	0	0	0	0
03:00	7	31.0	22.5	8.2	0	0	2	1	0	3	1	0	0	0	0	0
04:00	6	25.4	23.3	2.0	0	0	0	0	5	1	0	0	0	0	0	0
05:00	10	28.3	24.0	4.1	0	0	0	2	3	5	0	0	0	0	0	0
06:00	23	28.0	23.8	4.1	0	0	1	1	13	7	1	0	0	0	0	0
07:00	50	25.7	20.8	4.7	0	0	7	12	22	9	0	0	0	0	0	0
08:00	83	26.6	21.8	4.6	0	0	9	15	38	21	0	0	0	0	0	0
09:00	120	26.4	22.1	4.2	0	0	6	24	66	22	1	1	0	0	0	0
10:00	185	24.9	20.6	4.2	0	1	22	41	105	15	1	0	0	0	0	0
11:00	270	23.9	19.5	4.3	1	4	26	112	108	18	1	0	0	0	0	0
12:00	267	24.4	20.2	4.0	0	1	28	81	139	17	1	0	0	0	0	0
13:00	267	24.5	20.4	3.9	0	0	26	81	137	23	0	0	0	0	0	0
14:00	291	24.5	19.5	4.8	1	11	29	103	124	20	3	0	0	0	0	0
15:00	314	24.2	20.3	3.8	0	6	14	112	164	18	0	0	0	0	0	0
16:00	433	25.0	20.2	4.6	0	8	39	146	199	34	5	1	1	0	0	0
17:00	422	24.7	20.5	4.0	0	2	24	161	195	34	5	1	0	0	0	0
18:00	251	26.6	21.4	5.0	2	5	17	53	122	48	4	0	0	0	0	0
19:00	166	26.4	21.8	4.4	0	1	14	27	94	26	4	0	0	0	0	0
20:00	116	26.9	22.3	4.4	0	0	5	27	55	25	4	0	0	0	0	0
21:00	58	26.9	22.5	4.3	0	0	2	12	31	10	3	0	0	0	0	0
22:00	40	26.5	21.3	5.0	0	0	5	9	19	5	2	0	0	0	0	0
23:00	32	29.9	24.5	5.2	0	0	2	4	8	15	3	0	0	0	0	0
Total																
2H(10-12)	455	24.4	20.0	4.3	1	5	48	153	213	33	2	0	0	0	0	0
2H(14-16)	605	24.4	19.9	4.3	1	17	43	215	288	38	3	0	0	0	0	0
12H(7-19)	2953	24.9	20.4	4.3	4	38	247	941	1419	279	21	3	1	0	0	0
24H(0-24)	3447	25.3	20.7	4.4	4	39	283	1030	1660	387	40	3	1	0	0	0
AM Peak	11:00 270	03:00 31.0	01:00 25.3	03:00 8.2	11:00 1	11:00 4	11:00 26	11:00 112	11:00 108	09:00 22	00:00 1	09:00 1	00:00 0	00:00 0	00:00 0	00:00 0
PM Peak	16:00 433	23:00 29.9	23:00 24.5	23:00 5.2	18:00 2	14:00 11	16:00 39	17:00 161	16:00 199	18:00 48	16:00 5	16:00 1	16:00 1	12:00 0	12:00 0	12:00 0



Direction: Westbound

Hour Beginning	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5<10	Bin 3 10<15	Bin 4 15<20	Bin 5 20<25	Bin 6 25<30	Bin 7 30<35	Bin 8 35<40	Bin 9 40<45	Bin 10 45<50	Bin 11 50<55	Bin 12 >=55
00:00	13	29.5	26.3	3.0	0	0	0	0	4	8	1	0	0	0	0	0
01:00	9	27.8	24.2	3.5	0	0	0	1	4	4	0	0	0	0	0	0
02:00	5	35.3	28.5	6.5	0	0	0	0	2	1	1	1	0	0	0	0
03:00	3	27.7	22.5	5.0	0	0	0	1	1	1	0	0	0	0	0	0
04:00	6	32.7	26.7	5.8	0	0	0	1	1	2	2	0	0	0	0	0
05:00	19	31.7	25.9	5.5	0	0	0	2	6	9	1	0	1	0	0	0
06:00	28	29.9	25.4	4.4	0	0	0	5	4	17	2	0	0	0	0	0
07:00	72	28.8	24.1	4.5	0	0	0	14	27	26	4	1	0	0	0	0
08:00	124	28.1	23.7	4.2	0	0	3	20	48	50	3	0	0	0	0	0
09:00	193	27.4	23.0	4.3	0	1	8	29	92	60	3	0	0	0	0	0
10:00	280	25.7	21.9	3.6	0	0	10	59	170	37	4	0	0	0	0	0
11:00	386	25.5	21.4	4.0	1	5	16	91	220	52	1	0	0	0	0	0
12:00	350	26.7	22.2	4.4	0	0	4	87	201	54	1	0	0	0	3	0
13:00	318	26.6	22.2	4.2	0	3	9	75	151	77	3	0	0	0	0	0
14:00	322	25.7	21.7	3.8	0	2	10	77	185	44	4	0	0	0	0	0
15:00	278	26.0	22.4	3.5	0	0	6	49	168	53	2	0	0	0	0	0
16:00	251	26.0	22.7	3.1	0	1	1	34	166	48	1	0	0	0	0	0
17:00	247	26.5	22.0	4.3	1	1	9	58	125	48	5	0	0	0	0	0
18:00	175	29.3	23.9	5.2	0	0	0	27	91	49	5	0	0	0	3	0
19:00	134	26.5	22.9	3.4	0	0	1	22	77	33	1	0	0	0	0	0
20:00	88	28.7	24.0	4.5	0	0	2	12	38	30	5	1	0	0	0	0
21:00	56	27.5	24.5	3.0	0	0	0	1	34	19	2	0	0	0	0	0
22:00	27	30.0	24.5	5.2	0	0	1	5	6	12	3	0	0	0	0	0
23:00	26	27.6	23.5	4.0	0	0	1	3	12	10	0	0	0	0	0	0
Total																
2H(10-12)	666	25.6	21.6	3.9	1	5	26	150	390	89	5	0	0	0	0	0
2H(14-16)	600	25.9	22.0	3.7	0	2	16	126	353	97	6	0	0	0	0	0
12H(7-19)	2996	26.6	22.3	4.1	2	13	76	620	1644	598	36	1	0	0	6	0
24H(0-24)	3410	26.8	22.5	4.2	2	13	81	673	1833	744	54	3	1	0	6	0
AM Peak	11:00 386	02:00 35.3	02:00 28.5	02:00 6.5	11:00 1	11:00 5	11:00 16	11:00 91	11:00 220	09:00 60	07:00 4	02:00 1	05:00 1	00:00 0	00:00 0	00:00 0
PM Peak	12:00 350	22:00 30.0	22:00 24.5	22:00 5.2	17:00 1	13:00 3	14:00 10	12:00 87	12:00 201	13:00 77	17:00 5	20:00 1	12:00 0	12:00 0	12:00 3	12:00 0



Direction: Total Flow

Hour Beginning	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5<10	Bin 3 10<15	Bin 4 15<20	Bin 5 20<25	Bin 6 25<30	Bin 7 30<35	Bin 8 35<40	Bin 9 40<45	Bin 10 45<50	Bin 11 50<55	Bin 12 >=55
00:00	31	29.1	23.6	5.3	0	0	3	3	11	12	2	0	0	0	0	0
01:00	18	27.9	24.7	3.1	0	0	0	1	8	9	0	0	0	0	0	0
02:00	14	30.3	22.9	7.2	0	0	2	3	4	3	1	1	0	0	0	0
03:00	10	29.8	22.5	7.1	0	0	2	2	1	4	1	0	0	0	0	0
04:00	12	29.7	25.0	4.5	0	0	0	1	6	3	2	0	0	0	0	0
05:00	29	30.5	25.3	5.1	0	0	0	4	9	14	1	0	1	0	0	0
06:00	51	29.1	24.7	4.3	0	0	1	6	17	24	3	0	0	0	0	0
07:00	122	27.8	22.7	4.8	0	0	7	26	49	35	4	1	0	0	0	0
08:00	207	27.6	22.9	4.5	0	0	12	35	86	71	3	0	0	0	0	0
09:00	313	27.0	22.6	4.2	0	1	14	53	158	82	4	1	0	0	0	0
10:00	465	25.4	21.4	3.9	0	1	32	100	275	52	5	0	0	0	0	0
11:00	656	25.0	20.6	4.2	2	9	42	203	328	70	2	0	0	0	0	0
12:00	617	25.8	21.3	4.3	0	1	32	168	340	71	2	0	0	0	3	0
13:00	585	25.7	21.4	4.2	0	3	35	156	288	100	3	0	0	0	0	0
14:00	613	25.3	20.7	4.4	1	13	39	180	309	64	7	0	0	0	0	0
15:00	592	25.2	21.3	3.8	0	6	20	161	332	71	2	0	0	0	0	0
16:00	684	25.6	21.1	4.3	0	9	40	180	365	82	6	1	1	0	0	0
17:00	669	25.4	21.1	4.2	1	3	33	219	320	82	10	1	0	0	0	0
18:00	426	27.9	22.5	5.2	2	5	17	80	213	97	9	0	0	0	3	0
19:00	300	26.5	22.3	4.1	0	1	15	49	171	59	5	0	0	0	0	0
20:00	204	27.7	23.1	4.5	0	0	7	39	93	55	9	1	0	0	0	0
21:00	114	27.4	23.5	3.8	0	0	2	13	65	29	5	0	0	0	0	0
22:00	67	28.1	22.6	5.3	0	0	6	14	25	17	5	0	0	0	0	0
23:00	58	28.9	24.1	4.7	0	0	3	7	20	25	3	0	0	0	0	0
Total																
2H(10-12)	1121	25.2	20.9	4.1	2	10	74	303	603	122	7	0	0	0	0	0
2H(14-16)	1205	25.3	21.0	4.1	1	19	59	341	641	135	9	0	0	0	0	0
12H(7-19)	5949	25.9	21.4	4.3	6	51	323	1561	3063	877	57	4	1	0	6	0
24H(0-24)	6857	26.2	21.6	4.4	6	52	364	1703	3493	1131	94	6	2	0	6	0
AM Peak	11:00 656	05:00 30.5	05:00 25.3	02:00 7.2	11:00 2	11:00 9	11:00 42	11:00 203	11:00 328	09:00 82	10:00 5	02:00 1	05:00 1	00:00 0	00:00 0	00:00 0
PM Peak	16:00 684	23:00 28.9	23:00 24.1	22:00 5.3	18:00 2	14:00 13	16:00 40	17:00 219	16:00 365	13:00 100	17:00 10	16:00 1	16:00 1	12:00 0	12:00 3	12:00 0



# North Wales ATC 1, A547 Abergele Road

Direction: Eastbound

03/05/2022

Hour Beginning	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5<10	Bin 3 10<15	Bin 4 15<20	Bin 5 20<25	Bin 6 25<30	Bin 7 30<35	Bin 8 35<40	Bin 9 40<45	Bin 10 45<50	Bin 11 50<55	Bin 12 >=55
00:00	6	30.4	25.0	5.2	0	0	0	1	2	2	1	0	0	0	0	0
01:00	4	29.8	22.5	7.1	0	0	1	0	1	2	0	0	0	0	0	0
02:00	2	33.7	30.0	3.5	0	0	0	0	0	1	1	0	0	0	0	0
03:00	2	27.5	27.5	0.0	0	0	0	0	0	2	0	0	0	0	0	0
04:00	8	31.4	27.5	3.8	0	0	0	0	2	4	2	0	0	0	0	0
05:00	8	31.4	28.1	3.2	0	0	0	0	1	5	2	0	0	0	0	0
06:00	57	25.9	21.9	3.9	0	0	4	8	37	7	1	0	0	0	0	0
07:00	166	25.4	21.1	4.2	0	1	12	47	80	26	0	0	0	0	0	0
08:00	327	24.5	19.5	4.8	0	10	50	96	141	29	1	0	0	0	0	0
09:00	247	23.8	19.0	4.6	1	9	30	100	90	17	0	0	0	0	0	0
10:00	266	23.7	19.1	4.5	0	6	39	106	96	18	1	0	0	0	0	0
11:00	249	24.0	19.7	4.2	0	2	33	83	116	14	1	0	0	0	0	0
12:00	264	24.6	20.1	4.4	0	6	23	90	119	26	0	0	0	0	0	0
13:00	273	23.8	19.2	4.5	0	6	41	99	108	19	0	0	0	0	0	0
14:00	286	24.7	20.5	4.0	0	2	22	91	144	26	1	0	0	0	0	0
15:00	342	24.6	19.9	4.5	0	4	51	95	162	29	1	0	0	0	0	0
16:00	448	23.9	19.4	4.3	0	10	52	168	191	26	1	0	0	0	0	0
17:00	431	24.4	20.0	4.3	1	7	38	153	195	36	1	0	0	0	0	0
18:00	310	25.2	20.8	4.2	0	4	22	85	166	29	4	0	0	0	0	0
19:00	193	25.4	20.9	4.3	1	0	19	45	104	23	1	0	0	0	0	0
20:00	106	27.0	22.7	4.1	0	1	3	18	54	29	1	0	0	0	0	0
21:00	120	26.6	22.3	4.2	0	1	4	22	69	20	4	0	0	0	0	0
22:00	45	25.7	21.1	4.5	0	0	4	12	24	3	2	0	0	0	0	0
23:00	29	28.7	24.1	4.5	0	0	1	3	13	10	2	0	0	0	0	0
Total																
2H(10-12)	515	23.9	19.4	4.3	0	8	72	189	212	32	2	0	0	0	0	0
2H(14-16)	628	24.6	20.2	4.3	0	6	73	186	306	55	2	0	0	0	0	0
12H(7-19)	3609	24.4	19.8	4.4	2	67	413	1213	1608	295	11	0	0	0	0	0
24H(0-24)	4189	24.8	20.1	4.5	3	69	449	1322	1915	403	28	0	0	0	0	0
AM Peak	08:00 327	02:00 33.7	02:00 30.0	01:00 7.1	09:00 1	08:00 10	08:00 50	10:00 106	08:00 141	08:00 29	04:00 2	00:00 0	00:00 0	00:00 0	00:00 0	00:00 0
PM Peak	16:00 448	23:00 28.7	23:00 24.1	15:00 4.5	17:00 1	16:00 10	16:00 52	16:00 168	17:00 195	17:00 36	18:00 4	12:00 0	12:00 0	12:00 0	12:00 0	12:00 0



Direction: Westbound

Hour Beginning	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5<10	Bin 3 10<15	Bin 4 15<20	Bin 5 20<25	Bin 6 25<30	Bin 7 30<35	Bin 8 35<40	Bin 9 40<45	Bin 10 45<50	Bin 11 50<55	Bin 12 >=55
00:00	6	30.8	27.5	3.2	0	0	0	0	1	4	1	0	0	0	0	0
01:00	4	26.7	22.5	4.1	0	0	0	1	2	1	0	0	0	0	0	0
02:00	1	-	27.5	-	0	0	0	0	0	1	0	0	0	0	0	0
03:00	2	27.5	27.5	0.0	0	0	0	0	0	2	0	0	0	0	0	0
04:00	15	28.8	24.5	4.1	0	0	0	2	6	6	1	0	0	0	0	0
05:00	27	31.4	25.1	6.1	0	0	1	5	5	13	2	0	1	0	0	0
06:00	83	28.3	24.0	4.2	0	1	0	11	35	33	3	0	0	0	0	0
07:00	276	27.4	23.0	4.3	0	1	9	45	142	68	10	1	0	0	0	0
08:00	408	26.1	22.3	3.7	0	0	12	79	237	75	5	0	0	0	0	0
09:00	321	25.4	21.2	4.0	0	4	16	77	187	34	3	0	0	0	0	0
10:00	279	25.6	21.6	3.9	0	1	12	66	162	33	5	0	0	0	0	0
11:00	336	25.3	21.4	3.7	0	2	13	86	189	46	0	0	0	0	0	0
12:00	308	25.0	21.0	3.9	1	1	17	87	169	33	0	0	0	0	0	0
13:00	258	25.5	21.6	3.7	0	1	12	55	153	37	0	0	0	0	0	0
14:00	294	25.7	21.4	4.1	0	5	12	71	164	39	3	0	0	0	0	0
15:00	290	26.6	22.3	4.2	0	4	12	46	163	62	3	0	0	0	0	0
16:00	327	26.4	21.9	4.4	0	1	14	83	162	60	4	3	0	0	0	0
17:00	339	25.9	22.1	3.7	0	0	9	76	191	59	4	0	0	0	0	0
18:00	250	27.5	23.1	4.3	0	2	9	34	125	74	6	0	0	0	0	0
19:00	159	28.3	23.8	4.3	0	0	4	21	73	52	8	1	0	0	0	0
20:00	100	27.3	23.3	3.9	0	0	2	14	53	28	3	0	0	0	0	0
21:00	81	26.4	22.2	4.1	0	0	1	22	42	14	1	1	0	0	0	0
22:00	50	28.8	24.1	4.6	0	0	0	11	16	19	4	0	0	0	0	0
23:00	21	32.4	26.3	5.9	0	0	0	2	8	7	1	3	0	0	0	0
Total																
2H(10-12)	615	25.4	21.5	3.8	0	3	25	152	351	79	5	0	0	0	0	0
2H(14-16)	584	26.2	21.8	4.2	0	9	24	117	327	101	6	0	0	0	0	0
12H(7-19)	3686	26.1	21.9	4.0	1	22	147	805	2044	620	43	4	0	0	0	0
24H(0-24)	4235	26.4	22.1	4.1	1	23	155	894	2285	800	67	9	1	0	0	0
AM Peak	08:00 408	05:00 31.4	00:00 27.5	05:00 6.1	00:00 0	09:00 4	09:00 16	11:00 86	08:00 237	08:00 75	07:00 10	07:00 1	05:00 1	00:00 0	00:00 0	00:00 0
PM Peak	17:00 339	23:00 32.4	23:00 26.3	23:00 5.9	12:00 1	14:00 5	12:00 17	12:00 87	17:00 191	18:00 74	19:00 8	16:00 3	12:00 0	12:00 0	12:00 0	12:00 0



Direction: Total Flow

Hour Beginning	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5<10	Bin 3 10<15	Bin 4 15<20	Bin 5 20<25	Bin 6 25<30	Bin 7 30<35	Bin 8 35<40	Bin 9 40<45	Bin 10 45<50	Bin 11 50<55	Bin 12 >=55
00:00	12	30.7	26.3	4.3	0	0	0	1	3	6	2	0	0	0	0	0
01:00	8	28.0	22.5	5.3	0	0	1	1	3	3	0	0	0	0	0	0
02:00	3	32.2	29.2	2.9	0	0	0	0	0	2	1	0	0	0	0	0
03:00	4	27.5	27.5	0.0	0	0	0	0	0	4	0	0	0	0	0	0
04:00	23	29.9	25.5	4.2	0	0	0	2	8	10	3	0	0	0	0	0
05:00	35	31.7	25.8	5.7	0	0	1	5	6	18	4	0	1	0	0	0
06:00	140	27.5	23.1	4.2	0	1	4	19	72	40	4	0	0	0	0	0
07:00	442	26.8	22.2	4.4	0	2	21	92	222	94	10	1	0	0	0	0
08:00	735	25.7	21.1	4.4	0	10	62	175	378	104	6	0	0	0	0	0
09:00	568	24.8	20.3	4.4	1	13	46	177	277	51	3	0	0	0	0	0
10:00	545	24.9	20.4	4.4	0	7	51	172	258	51	6	0	0	0	0	0
11:00	585	24.9	20.7	4.0	0	4	46	169	305	60	1	0	0	0	0	0
12:00	572	24.8	20.6	4.1	1	7	40	177	288	59	0	0	0	0	0	0
13:00	531	24.8	20.4	4.3	0	7	53	154	261	56	0	0	0	0	0	0
14:00	580	25.2	21.0	4.1	0	7	34	162	308	65	4	0	0	0	0	0
15:00	632	25.7	21.0	4.5	0	8	63	141	325	91	4	0	0	0	0	0
16:00	775	25.1	20.5	4.5	0	11	66	251	353	86	5	3	0	0	0	0
17:00	770	25.2	20.9	4.2	1	7	47	229	386	95	5	0	0	0	0	0
18:00	560	26.4	21.8	4.4	0	6	31	119	291	103	10	0	0	0	0	0
19:00	352	26.9	22.2	4.6	1	0	23	66	177	75	9	1	0	0	0	0
20:00	206	27.1	23.0	4.0	0	1	5	32	107	57	4	0	0	0	0	0
21:00	201	26.5	22.3	4.1	0	1	5	44	111	34	5	1	0	0	0	0
22:00	95	27.6	22.7	4.8	0	0	4	23	40	22	6	0	0	0	0	0
23:00	50	30.4	25.0	5.2	0	0	1	5	21	17	3	3	0	0	0	0
Total																
2H(10-12)	1130	24.9	20.5	4.2	0	11	97	341	563	111	7	0	0	0	0	0
2H(14-16)	1212	25.4	21.0	4.3	0	15	97	303	633	156	8	0	0	0	0	0
12H(7-19)	7295	25.4	20.9	4.3	3	89	560	2018	3652	915	54	4	0	0	0	0
24H(0-24)	8424	25.7	21.1	4.4	4	92	604	2216	4200	1203	95	9	1	0	0	0
AM Peak	08:00 735	02:00 32.2	02:00 29.2	05:00 5.7	09:00 1	09:00 13	08:00 62	09:00 177	08:00 378	08:00 104	07:00 10	07:00 1	05:00 1	00:00 0	00:00 0	00:00 0
PM Peak	16:00 775	23:00 30.4	23:00 25.0	23:00 5.2	12:00 1	16:00 11	16:00 66	16:00 251	17:00 386	18:00 103	18:00 10	16:00 3	12:00 0	12:00 0	12:00 0	12:00 0



# North Wales ATC 1, A547 Abergele Road

Direction: Eastbound

04/05/2022

Hour Beginning	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5<10	Bin 3 10<15	Bin 4 15<20	Bin 5 20<25	Bin 6 25<30	Bin 7 30<35	Bin 8 35<40	Bin 9 40<45	Bin 10 45<50	Bin 11 50<55	Bin 12 >=55
00:00	8	29.8	25.0	4.6	0	0	0	1	3	3	1	0	0	0	0	0
01:00	4	26.2	21.3	4.8	0	0	0	2	1	1	0	0	0	0	0	0
02:00	1	-	12.5	-	0	0	1	0	0	0	0	0	0	0	0	0
03:00	2	24.8	17.5	7.1	0	0	1	0	1	0	0	0	0	0	0	0
04:00	8	29.0	21.3	7.4	0	0	2	2	1	2	1	0	0	0	0	0
05:00	9	31.5	24.2	7.1	0	0	2	0	1	5	1	0	0	0	0	0
06:00	49	27.3	22.1	5.0	0	1	4	8	21	15	0	0	0	0	0	0
07:00	166	24.6	20.2	4.3	0	2	12	67	68	15	2	0	0	0	0	0
08:00	332	24.8	20.5	4.1	0	3	27	104	163	34	1	0	0	0	0	0
09:00	268	24.7	20.2	4.3	0	6	20	95	120	26	1	0	0	0	0	0
10:00	208	25.2	20.8	4.3	0	3	13	66	96	30	0	0	0	0	0	0
11:00	259	25.4	20.3	4.9	0	6	18	97	112	20	3	1	2	0	0	0
12:00	277	24.0	19.8	4.0	0	2	24	119	108	24	0	0	0	0	0	0
13:00	236	24.3	20.0	4.1	0	2	24	83	107	20	0	0	0	0	0	0
14:00	279	24.7	20.4	4.1	0	2	26	86	138	26	1	0	0	0	0	0
15:00	373	24.3	20.1	4.0	0	3	34	132	174	30	0	0	0	0	0	0
16:00	416	24.9	19.8	5.0	0	17	56	105	197	39	2	0	0	0	0	0
17:00	424	23.9	19.7	4.0	0	6	34	177	178	29	0	0	0	0	0	0
18:00	260	26.0	22.0	3.8	0	2	10	42	169	33	3	1	0	0	0	0
19:00	190	26.1	22.3	3.7	0	0	5	38	110	34	3	0	0	0	0	0
20:00	139	26.8	22.2	4.5	0	1	10	20	76	29	3	0	0	0	0	0
21:00	92	27.3	22.6	4.5	0	0	3	20	49	14	5	1	0	0	0	0
22:00	55	28.1	22.4	5.5	0	0	5	12	23	9	6	0	0	0	0	0
23:00	38	28.7	23.6	5.0	0	0	0	8	18	10	1	0	1	0	0	0
Total																
2H(10-12)	467	25.3	20.5	4.6	0	9	31	163	208	50	3	1	2	0	0	0
2H(14-16)	652	24.4	20.2	4.1	0	5	60	218	312	56	1	0	0	0	0	0
12H(7-19)	3498	24.7	20.3	4.3	0	54	298	1173	1630	326	13	2	2	0	0	0
24H(0-24)	4093	25.1	20.6	4.4	0	56	331	1284	1934	448	34	3	3	0	0	0
AM Peak	08:00	05:00	00:00	04:00	00:00	09:00	08:00	08:00	08:00	08:00	11:00	11:00	11:00	00:00	00:00	00:00
	332	31.5	25.0	7.4	0	6	27	104	163	34	3	1	2	0	0	0
PM Peak	17:00	23:00	23:00	22:00	12:00	16:00	16:00	17:00	16:00	16:00	22:00	18:00	23:00	12:00	12:00	12:00
	424	28.7	23.6	5.5	0	17	56	177	197	39	6	1	1	0	0	0



Direction: Westbound

Hour Beginning	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5<10	Bin 3 10<15	Bin 4 15<20	Bin 5 20<25	Bin 6 25<30	Bin 7 30<35	Bin 8 35<40	Bin 9 40<45	Bin 10 45<50	Bin 11 50<55	Bin 12 >=55
00:00	6	29.3	25.0	4.2	0	0	0	0	4	1	1	0	0	0	0	0
01:00	2	27.5	27.5	0.0	0	0	0	0	0	2	0	0	0	0	0	0
02:00	2	23.7	20.0	3.5	0	0	0	1	1	0	0	0	0	0	0	0
03:00	2	29.8	22.5	7.1	0	0	0	1	0	1	0	0	0	0	0	0
04:00	9	30.5	25.3	5.1	0	0	0	2	1	5	1	0	0	0	0	0
05:00	23	29.1	24.2	4.7	0	0	1	3	7	11	1	0	0	0	0	0
06:00	88	29.1	23.9	5.0	0	0	2	18	31	28	8	1	0	0	0	0
07:00	226	26.6	22.3	4.1	0	0	11	45	112	56	2	0	0	0	0	0
08:00	428	26.4	22.0	4.3	1	1	20	85	247	64	6	4	0	0	0	0
09:00	311	25.7	21.9	3.7	0	1	8	72	176	53	1	0	0	0	0	0
10:00	274	25.6	21.7	3.8	0	1	11	64	154	43	1	0	0	0	0	0
11:00	296	25.2	21.6	3.5	0	2	11	61	190	31	1	0	0	0	0	0
12:00	258	25.9	21.8	3.9	0	1	11	55	148	40	3	0	0	0	0	0
13:00	291	25.9	22.1	3.6	0	0	7	66	163	53	2	0	0	0	0	0
14:00	305	25.7	22.0	3.6	0	1	8	65	182	46	3	0	0	0	0	0
15:00	286	25.7	21.9	3.7	0	3	7	61	169	45	1	0	0	0	0	0
16:00	316	26.3	22.0	4.2	3	3	7	61	183	57	2	0	0	0	0	0
17:00	358	26.3	22.3	3.9	1	1	13	57	216	65	5	0	0	0	0	0
18:00	212	28.3	24.3	3.9	0	0	3	21	95	83	10	0	0	0	0	0
19:00	167	28.0	24.3	3.5	0	0	1	12	86	61	7	0	0	0	0	0
20:00	102	27.8	23.7	4.0	0	0	1	16	47	34	4	0	0	0	0	0
21:00	60	27.7	23.1	4.4	0	0	1	10	34	13	1	0	1	0	0	0
22:00	57	28.7	24.3	4.2	0	0	3	1	28	22	3	0	0	0	0	0
23:00	13	27.3	21.7	5.3	0	0	2	2	5	4	0	0	0	0	0	0
Total																
2H(10-12)	570	25.4	21.6	3.7	0	3	22	125	344	74	2	0	0	0	0	0
2H(14-16)	591	25.7	21.9	3.7	0	4	15	126	351	91	4	0	0	0	0	0
12H(7-19)	3561	26.2	22.1	3.9	5	14	117	713	2035	636	37	4	0	0	0	0
24H(0-24)	4092	26.5	22.3	4.0	5	14	128	779	2279	818	63	5	1	0	0	0
AM Peak	08:00 428	04:00 30.5	01:00 27.5	03:00 7.1	08:00 1	11:00 2	08:00 20	08:00 85	08:00 247	08:00 64	06:00 8	08:00 4	00:00 0	00:00 0	00:00 0	00:00 0
PM Peak	17:00 358	22:00 28.7	22:00 24.3	23:00 5.3	16:00 3	15:00 3	17:00 13	13:00 66	17:00 216	18:00 83	18:00 10	12:00 0	21:00 1	12:00 0	12:00 0	12:00 0



Direction: Total Flow

Hour Beginning	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5<10	Bin 3 10<15	Bin 4 15<20	Bin 5 20<25	Bin 6 25<30	Bin 7 30<35	Bin 8 35<40	Bin 9 40<45	Bin 10 45<50	Bin 11 50<55	Bin 12 >=55
00:00	14	29.4	25.0	4.3	0	0	0	1	7	4	2	0	0	0	0	0
01:00	6	28.4	23.3	4.9	0	0	0	2	1	3	0	0	0	0	0	0
02:00	3	22.7	17.5	5.0	0	0	1	1	1	0	0	0	0	0	0	0
03:00	4	26.7	20.0	6.5	0	0	1	1	1	1	0	0	0	0	0	0
04:00	17	30.0	23.4	6.4	0	0	2	4	2	7	2	0	0	0	0	0
05:00	32	29.7	24.2	5.3	0	0	3	3	8	16	2	0	0	0	0	0
06:00	137	28.5	23.3	5.1	0	1	6	26	52	43	8	1	0	0	0	0
07:00	392	25.9	21.4	4.3	0	2	23	112	180	71	4	0	0	0	0	0
08:00	760	25.8	21.3	4.3	1	4	47	189	410	98	7	4	0	0	0	0
09:00	579	25.3	21.1	4.1	0	7	28	167	296	79	2	0	0	0	0	0
10:00	482	25.5	21.3	4.0	0	4	24	130	250	73	1	0	0	0	0	0
11:00	555	25.4	21.0	4.3	0	8	29	158	302	51	4	1	2	0	0	0
12:00	535	25.0	20.8	4.1	0	3	35	174	256	64	3	0	0	0	0	0
13:00	527	25.3	21.2	4.0	0	2	31	149	270	73	2	0	0	0	0	0
14:00	584	25.3	21.2	4.0	0	3	34	151	320	72	4	0	0	0	0	0
15:00	659	25.0	20.9	4.0	0	6	41	193	343	75	1	0	0	0	0	0
16:00	732	25.7	20.7	4.8	3	20	63	166	380	96	4	0	0	0	0	0
17:00	782	25.2	20.9	4.1	1	7	47	234	394	94	5	0	0	0	0	0
18:00	472	27.2	23.0	4.0	0	2	13	63	264	116	13	1	0	0	0	0
19:00	357	27.1	23.2	3.8	0	0	6	50	196	95	10	0	0	0	0	0
20:00	241	27.3	22.8	4.3	0	1	11	36	123	63	7	0	0	0	0	0
21:00	152	27.4	22.8	4.5	0	0	4	30	83	27	6	1	1	0	0	0
22:00	112	28.5	23.4	4.9	0	0	8	13	51	31	9	0	0	0	0	0
23:00	51	28.3	23.1	5.1	0	0	2	10	23	14	1	0	1	0	0	0
Total																
2H(10-12)	1037	25.4	21.1	4.2	0	12	53	288	552	124	5	1	2	0	0	0
2H(14-16)	1243	25.2	21.0	4.0	0	9	75	344	663	147	5	0	0	0	0	0
12H(7-19)	7059	25.5	21.2	4.2	5	68	415	1886	3665	962	50	6	2	0	0	0
24H(0-24)	8185	25.9	21.5	4.3	5	70	459	2063	4213	1266	97	8	4	0	0	0
AM Peak	08:00 760	04:00 30.0	00:00 25.0	03:00 6.5	08:00 1	11:00 8	08:00 47	08:00 189	08:00 410	08:00 98	06:00 8	08:00 4	11:00 2	00:00 0	00:00 0	00:00 0
PM Peak	17:00 782	22:00 28.5	22:00 23.4	23:00 5.1	16:00 3	16:00 20	16:00 63	17:00 234	17:00 394	18:00 116	18:00 13	18:00 1	21:00 1	12:00 0	12:00 0	12:00 0



North Wales ATC 1, A547 Abergele Road

Direction: Eastbound

Hour Beginning	Thu 05/05/2022	Fri 06/05/2022	Sat 07/05/2022	Sun 08/05/2022	Mon 09/05/2022	Tue 10/05/2022	Wed 11/05/2022	5-Day Ave.	7-Day Ave.
00:00	7	10	29	26	11	5	12	9	14
01:00	1	5	16	9	10	1	2	4	6
02:00	3	3	6	5	2	1	1	2	3
03:00	2	5	3	6	2	3	8	4	4
04:00	5	2	6	7	3	5	2	3	4
05:00	7	6	7	4	15	9	9	9	8
06:00	62	52	24	13	57	63	61	59	47
07:00	165	151	54	42	172	177	180	169	134
08:00	342	318	105	52	339	337	359	339	265
09:00	233	262	163	116	238	238	240	242	213
10:00	256	226	228	180	232	217	281	242	231
11:00	271	286	287	249	245	248	254	261	263
12:00	305	300	322	306	277	283	304	294	300
13:00	284	311	348	269	281	264	260	280	288
14:00	289	339	394	264	270	274	321	299	307
15:00	389	416	302	315	390	377	375	389	366
16:00	460	469	347	278	428	434	456	449	410
17:00	445	427	306	232	410	472	416	434	387
18:00	303	304	240	156	233	277	213	266	247
19:00	201	185	169	120	149	186	153	175	166
20:00	169	134	150	118	125	130	220	156	149
21:00	98	90	72	69	72	102	129	98	90
22:00	64	80	78	54	45	48	87	65	65
23:00	35	39	41	25	16	24	51	33	33
Total									
12H(7-19)	3742	3809	3096	2459	3515	3598	3659	3665	3411
16H(6-22)	4272	4270	3511	2779	3918	4079	4222	4152	3864
18H(6-24)	4371	4389	3630	2858	3979	4151	4360	4250	3963
24H(0-24)	4396	4420	3697	2915	4022	4175	4394	4281	4003
AM Peak	08:00	08:00	11:00	11:00	08:00	08:00	08:00	08:00	08:00
	342	318	287	249	339	337	359	339	265
PM Peak	16:00	16:00	14:00	15:00	16:00	17:00	16:00	16:00	16:00
	460	469	394	315	428	472	456	449	410

360 TSL Ltd

Direction: Westbound

Hour Beginning	Thu 05/05/2022	Fri 06/05/2022	Sat 07/05/2022	Sun 08/05/2022	Mon 09/05/2022	Tue 10/05/2022	Wed 11/05/2022	5-Day Ave.	7-Day Ave.
00:00	6	4	12	23	10	7	3	6	9
01:00	2	0	16	9	10	3	0	3	6
02:00	2	3	7	6	2	2	1	2	3
03:00	1	4	1	5	5	1	3	3	3
04:00	9	5	7	6	13	9	10	9	8
05:00	21	26	16	6	24	24	29	25	21
06:00	88	82	33	27	78	84	88	84	69
07:00	259	260	89	50	250	271	245	257	203
08:00	437	424	198	86	448	462	428	440	355
09:00	311	317	272	206	314	328	305	315	293
10:00	290	313	346	293	291	310	278	296	303
11:00	327	315	386	328	297	340	315	319	330
12:00	298	291	329	314	326	289	264	294	302
13:00	308	301	385	312	308	289	286	298	313
14:00	337	301	296	317	344	306	301	318	315
15:00	293	303	293	242	296	282	285	292	285
16:00	303	358	255	215	302	324	320	321	297
17:00	376	388	229	165	300	335	298	339	299
18:00	265	269	225	166	217	211	183	229	219
19:00	158	153	164	115	152	161	156	156	151
20:00	107	99	106	80	102	90	197	119	112
21:00	95	83	58	61	72	72	109	86	79
22:00	56	57	69	40	31	41	110	59	58
23:00	25	38	33	20	19	19	41	28	28
Total									
12H(7-19)	3804	3840	3303	2694	3693	3747	3508	3718	3513
16H(6-22)	4252	4257	3664	2977	4097	4154	4058	4164	3923
18H(6-24)	4333	4352	3766	3037	4147	4214	4209	4251	4008
24H(0-24)	4374	4394	3825	3092	4211	4260	4255	4299	4059
AM Peak	08:00	08:00	11:00	11:00	08:00	08:00	08:00	08:00	08:00
	437	424	386	328	448	462	428	440	355
PM Peak	17:00	17:00	13:00	14:00	14:00	17:00	16:00	17:00	14:00
	376	388	385	317	344	335	320	339	315

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Thu 05/05/2022	Fri 06/05/2022	Sat 07/05/2022	Sun 08/05/2022	Mon 09/05/2022	Tue 10/05/2022	Wed 11/05/2022	5-Day Ave.	7-Day Ave.
00:00	13	14	41	49	21	12	15	15	24
01:00	3	5	32	18	20	4	2	7	12
02:00	5	6	13	11	4	3	2	4	6
03:00	3	9	4	11	7	4	11	7	7
04:00	14	7	13	13	16	14	12	13	13
05:00	28	32	23	10	39	33	38	34	29
06:00	150	134	57	40	135	147	149	143	116
07:00	424	411	143	92	422	448	425	426	338
08:00	779	742	303	138	787	799	787	779	619
09:00	544	579	435	322	552	566	545	557	506
10:00	546	539	574	473	523	527	559	539	534
11:00	598	601	673	577	542	588	569	580	593
12:00	603	591	651	620	603	572	568	587	601
13:00	592	612	733	581	589	553	546	578	601
14:00	626	640	690	581	614	580	622	616	622
15:00	682	719	595	557	686	659	660	681	651
16:00	763	827	602	493	730	758	776	771	707
17:00	821	815	535	397	710	807	714	773	686
18:00	568	573	465	322	450	488	396	495	466
19:00	359	338	333	235	301	347	309	331	317
20:00	276	233	256	198	227	220	417	275	261
21:00	193	173	130	130	144	174	238	184	169
22:00	120	137	147	94	76	89	197	124	123
23:00	60	77	74	45	35	43	92	61	61
Total									
12H(7-19)	7546	7649	6399	5153	7208	7345	7167	7383	6924
16H(6-22)	8524	8527	7175	5756	8015	8233	8280	8316	7787
18H(6-24)	8704	8741	7396	5895	8126	8365	8569	8501	7971
24H(0-24)	8770	8814	7522	6007	8233	8435	8649	8580	8061
AM Peak	08:00	08:00	11:00	11:00	08:00	08:00	08:00	08:00	08:00
	779	742	673	577	787	799	787	779	619
PM Peak	17:00	16:00	13:00	12:00	16:00	17:00	16:00	17:00	16:00
	821	827	733	620	730	807	776	773	707

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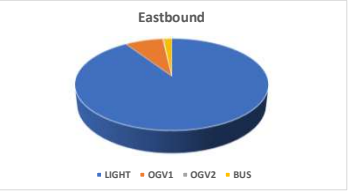


North Wales ATC 1, A547 Abergele Road

Direction: Eastbound					
	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 5 May 2022	4396	3943	370	6	77
Fri 6 May 2022	4420	3984	357	4	75
Sat 7 May 2022	3697	3450	182	4	61
Sun 8 May 2022	2915	2766	110	10	29
Mon 9 May 2022	4022	3595	344	6	77
Tue 10 May 2022	4175	3745	337	12	81
Wed 11 May 2022	4394	3903	418	12	61
5 Day Ave.	4281	3834	365	8	74
7 Day Ave.	4003	3627	303	8	66

	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 5 May 2022	100.0%	89.7%	8.4%	0.1%	1.8%
Fri 6 May 2022	100.0%	90.1%	8.1%	0.1%	1.7%
Sat 7 May 2022	100.0%	93.3%	4.9%	0.1%	1.6%
Sun 8 May 2022	100.0%	94.9%	3.8%	0.3%	1.0%
Mon 9 May 2022	100.0%	89.4%	8.6%	0.1%	1.9%
Tue 10 May 2022	100.0%	89.7%	8.1%	0.3%	1.9%
Wed 11 May 2022	100.0%	88.8%	9.5%	0.3%	1.4%
5 Day Ave.	100.0%	89.6%	8.5%	0.2%	1.7%
7 Day Ave.	100.0%	90.6%	7.6%	0.2%	1.6%

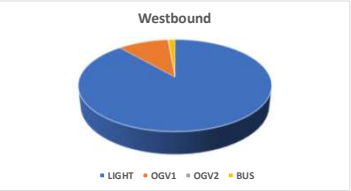
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Direction: Westbound					
	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 5 May 2022	4374	3799	510	6	59
Fri 6 May 2022	4394	3868	470	4	52
Sat 7 May 2022	3825	3472	294	4	55
Sun 8 May 2022	3092	2834	220	6	32
Mon 9 May 2022	4211	3724	441	2	44
Tue 10 May 2022	4260	3727	460	8	65
Wed 11 May 2022	4255	3717	470	7	61
5 Day Ave.	4299	3767	470	5	56
7 Day Ave.	4059	3592	409	5	53

	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 5 May 2022	100.0%	86.9%	11.7%	0.1%	1.3%
Fri 6 May 2022	100.0%	88.0%	10.7%	0.1%	1.2%
Sat 7 May 2022	100.0%	90.8%	7.7%	0.1%	1.4%
Sun 8 May 2022	100.0%	91.7%	7.1%	0.2%	1.0%
Mon 9 May 2022	100.0%	88.4%	10.5%	0.0%	1.0%
Tue 10 May 2022	100.0%	87.5%	10.8%	0.2%	1.5%
Wed 11 May 2022	100.0%	87.4%	11.0%	0.2%	1.4%
5 Day Ave.	100.0%	87.6%	10.9%	0.1%	1.3%
7 Day Ave.	100.0%	88.5%	10.1%	0.1%	1.3%

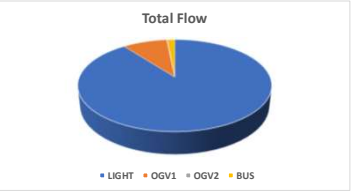
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Direction: Total Flow					
	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 5 May 2022	8770	7742	880	12	136
Fri 6 May 2022	8814	7852	827	8	127
Sat 7 May 2022	7522	6922	476	8	116
Sun 8 May 2022	6007	5600	330	16	61
Mon 9 May 2022	8233	7319	785	8	121
Tue 10 May 2022	8435	7472	797	20	146
Wed 11 May 2022	8649	7620	888	19	122
5 Day Ave.	8580	7601	835	13	130
7 Day Ave.	8061	7218	712	13	118

	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 5 May 2022	100.0%	88.3%	10.0%	0.1%	1.6%
Fri 6 May 2022	100.0%	89.1%	9.4%	0.1%	1.4%
Sat 7 May 2022	100.0%	92.0%	6.3%	0.1%	1.5%
Sun 8 May 2022	100.0%	93.2%	5.5%	0.3%	1.0%
Mon 9 May 2022	100.0%	88.9%	9.5%	0.1%	1.5%
Tue 10 May 2022	100.0%	88.6%	9.4%	0.2%	1.7%
Wed 11 May 2022	100.0%	88.1%	10.3%	0.2%	1.4%
5 Day Ave.	100.0%	88.6%	9.7%	0.2%	1.5%
7 Day Ave.	100.0%	89.5%	8.8%	0.2%	1.5%

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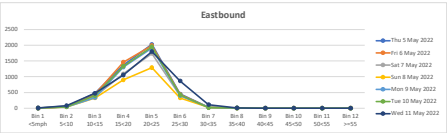


North Wales ATC 1, A547 Abergele Road

Direction: Eastbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5<10	Bin 3 10<15	Bin 4 15<20	Bin 5 20<25	Bin 6 25<30	Bin 7 30<35	Bin 8 35<40	Bin 9 40<45	Bin 10 45<50	Bin 11 50<55	Bin 12 ≥55
Thu 5 May 2022	4396	24.9	20.3	4.4	2	52	470	1366	2035	451	25	5	0	0	0	0
Fri 6 May 2022	4420	24.8	20.2	4.4	2	54	443	1464	1990	435	29	1	0	2	0	0
Sat 7 May 2022	3697	25.1	20.4	4.6	3	65	373	1090	1739	395	26	5	1	0	0	0
Sun 8 May 2022	2915	25.2	20.3	4.7	2	40	328	899	1285	326	33	1	0	0	0	1
Mon 9 May 2022	4022	24.9	20.4	4.3	3	41	337	1307	1903	403	25	2	1	0	0	0
Tue 10 May 2022	4175	24.9	20.3	4.4	5	42	402	1332	1945	424	19	6	0	0	0	0
Wed 11 May 2022	4294	26.7	21.2	6.3	7	80	470	1052	1797	865	113	9	1	0	0	0
5 Day Ave.	4281	25.2	20.5	4.6	4	54	424	1304	1932	516	42	5	0	0	0	0
7 Day Ave.	4003	25.2	20.5	4.6	3	53	403	1216	1812	471	39	4	0	0	0	0

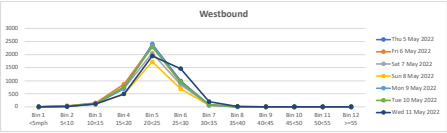
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Direction: Westbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5<10	Bin 3 10<15	Bin 4 15<20	Bin 5 20<25	Bin 6 25<30	Bin 7 30<35	Bin 8 35<40	Bin 9 40<45	Bin 10 45<50	Bin 11 50<55	Bin 12 ≥55
Thu 5 May 2022	4374	27.2	22.7	4.3	4	20	139	727	2399	989	73	13	1	3	3	3
Fri 6 May 2022	4394	26.6	22.2	4.3	3	44	149	867	2342	915	68	1	3	2	0	0
Sat 7 May 2022	3825	26.8	22.5	4.1	2	19	112	712	2052	845	78	4	1	0	0	0
Sun 8 May 2022	3092	26.9	22.6	4.1	2	21	96	496	1721	689	62	5	0	0	0	0
Mon 9 May 2022	4211	26.7	22.6	3.9	1	21	113	694	2379	937	59	7	0	0	0	0
Tue 10 May 2022	4260	27.2	23.7	4.4	1	22	119	768	2391	959	80	2	0	0	3	6
Wed 11 May 2022	4255	28.5	23.9	4.5	3	16	111	496	1948	1460	197	17	4	0	3	0
5 Day Ave.	4299	27.2	22.8	4.3	2	25	126	710	2272	1052	97	8	2	1	2	2
7 Day Ave.	4059	27.1	23.7	4.2	2	22	120	680	2162	871	89	7	1	1	1	1

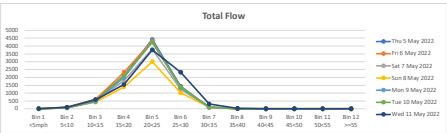
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Direction: Total Flow

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5<10	Bin 3 10<15	Bin 4 15<20	Bin 5 20<25	Bin 6 25<30	Bin 7 30<35	Bin 8 35<40	Bin 9 40<45	Bin 10 45<50	Bin 11 50<55	Bin 12 ≥55
Thu 5 May 2022	8770	26.2	21.5	4.5	6	72	609	2093	4424	1440	98	18	1	3	3	3
Fri 6 May 2022	8814	25.8	21.2	4.5	5	98	592	2331	4332	1350	97	2	3	4	0	0
Sat 7 May 2022	7522	26.1	21.5	4.5	5	84	485	1802	3791	1240	104	9	2	0	0	0
Sun 8 May 2022	6007	26.2	21.5	4.5	4	61	424	1395	3006	1015	95	6	0	0	0	1
Mon 9 May 2022	8233	25.9	21.6	4.2	4	62	450	2001	4282	1340	84	9	1	0	0	0
Tue 10 May 2022	8435	26.2	21.5	4.5	6	64	521	2100	4236	1383	108	8	0	0	3	6
Wed 11 May 2022	8649	27.8	22.5	5.1	10	96	581	1548	3745	2325	310	26	5	0	3	0
5 Day Ave.	8540	26.4	21.7	4.6	6	79	551	2015	4204	1368	129	13	2	1	2	2
7 Day Ave.	8061	26.3	21.6	4.5	6	77	533	1896	3974	1442	128	11	2	1	1	1

360 TSL Ltd





North Wales ATC 1, A547 Abergele Road

Direction: Eastbound																
	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5<10	Bin 3 10<15	Bin 4 15<20	Bin 5 20<25	Bin 6 25<30	Bin 7 30<35	Bin 8 35<40	Bin 9 40<45	Bin 10 45<50	Bin 11 50<55	Bin 12 >=55
Thu 5 May 2022	527	24.2	19.6	4.4	0	8	71	189	214	44	1	0	0	0	0	0
Fri 6 May 2022	512	24.0	19.7	4.1	0	6	57	192	222	34	1	0	0	0	0	0
Sat 7 May 2022	515	24.1	19.3	4.6	1	19	66	172	226	30	1	0	0	0	0	0
Sun 8 May 2022	429	23.6	18.9	4.6	0	15	68	152	172	21	1	0	0	0	0	0
Mon 9 May 2022	477	24.1	20.0	4.0	0	2	38	197	202	34	4	0	0	0	0	0
Tue 10 May 2022	465	24.6	20.2	4.2	0	5	46	150	222	40	2	0	0	0	0	0
Wed 11 May 2022	535	24.1	19.5	4.4	0	11	64	205	208	46	1	0	0	0	0	0
5 Day Ave.	503	24.2	19.8	4.2	0	6	55	187	214	40	2	0	0	0	0	0
7 Day Ave.	494	24.1	19.6	4.3	0	9	59	180	209	36	2	0	0	0	0	0

360 TSL Ltd

Direction: Westbound																
	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5<10	Bin 3 10<15	Bin 4 15<20	Bin 5 20<25	Bin 6 25<30	Bin 7 30<35	Bin 8 35<40	Bin 9 40<45	Bin 10 45<50	Bin 11 50<55	Bin 12 >=55
Thu 5 May 2022	617	25.9	21.5	4.2	1	6	39	122	350	96	3	0	0	0	0	0
Fri 6 May 2022	628	26.1	21.8	4.2	0	4	21	150	346	99	6	0	0	2	0	0
Sat 7 May 2022	732	25.6	21.8	3.7	0	3	27	159	429	111	3	0	0	0	0	0
Sun 8 May 2022	621	26.2	21.9	4.1	0	10	19	128	349	108	7	0	0	0	0	0
Mon 9 May 2022	588	25.6	21.8	3.7	0	2	19	134	340	91	1	1	0	0	0	0
Tue 10 May 2022	650	26.4	21.9	4.3	0	2	27	142	376	95	5	0	0	0	3	0
Wed 11 May 2022	593	25.7	21.4	4.1	1	6	39	114	346	85	2	0	0	0	0	0
5 Day Ave.	615	25.9	21.7	4.1	0	4	29	132	352	93	3	0	0	0	1	0
7 Day Ave.	633	25.9	21.7	4.0	0	5	27	136	362	98	4	0	0	0	0	0

360 TSL Ltd

Direction: Total Flow																
	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5<10	Bin 3 10<15	Bin 4 15<20	Bin 5 20<25	Bin 6 25<30	Bin 7 30<35	Bin 8 35<40	Bin 9 40<45	Bin 10 45<50	Bin 11 50<55	Bin 12 >=55
Thu 5 May 2022	1144	25.2	20.6	4.4	1	14	110	311	564	140	4	0	0	0	0	0
Fri 6 May 2022	1140	25.3	20.9	4.3	0	10	78	342	568	133	7	0	0	2	0	0
Sat 7 May 2022	1247	25.2	20.7	4.3	1	22	93	331	655	141	4	0	0	0	0	0
Sun 8 May 2022	1050	25.4	20.7	4.6	0	25	87	280	521	129	8	0	0	0	0	0
Mon 9 May 2022	1065	25.1	21.0	3.9	0	4	57	331	542	125	5	1	0	0	0	0
Tue 10 May 2022	1115	25.7	21.2	4.3	0	7	73	292	598	135	7	0	0	0	3	0
Wed 11 May 2022	1128	25.1	20.5	4.4	1	17	103	319	554	131	3	0	0	0	0	0
5 Day Ave.	1118	25.3	20.8	4.3	0	10	84	319	565	133	5	0	0	0	1	0
7 Day Ave.	1127	25.3	20.8	4.3	0	14	86	315	572	133	5	0	0	0	0	0

360 TSL Ltd



## North Wales ATC 1, A547 Abergele Road

Direction: Eastbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5<10	Bin 3 10<15	Bin 4 15<20	Bin 5 20<25	Bin 6 25<30	Bin 7 30<35	Bin 8 35<40	Bin 9 40<45	Bin 10 45<50	Bin 11 50<55	Bin 12 >=55
Thu 5 May 2022	678	24.3	20.1	4.0	0	7	57	251	309	52	2	0	0	0	0	0
Fri 6 May 2022	755	23.8	19.4	4.2	1	13	89	284	326	41	1	0	0	0	0	0
Sat 7 May 2022	696	24.3	19.9	4.3	1	14	69	231	336	44	0	1	0	0	0	0
Sun 8 May 2022	579	24.6	20.3	4.2	1	4	42	224	248	54	6	0	0	0	0	0
Mon 9 May 2022	660	24.8	20.9	3.8	1	0	40	193	360	64	2	0	0	0	0	0
Tue 10 May 2022	651	24.2	20.2	3.9	1	2	57	228	315	48	0	0	0	0	0	0
Wed 11 May 2022	696	28.0	21.8	5.9	4	17	86	108	257	196	26	2	0	0	0	0
5 Day Ave.	688	25.0	20.5	4.4	1	8	66	213	313	80	6	0	0	0	0	0
7 Day Ave.	674	24.8	20.4	4.3	1	8	63	217	307	71	5	0	0	0	0	0

360 TSL Ltd

Direction: Westbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5<10	Bin 3 10<15	Bin 4 15<20	Bin 5 20<25	Bin 6 25<30	Bin 7 30<35	Bin 8 35<40	Bin 9 40<45	Bin 10 45<50	Bin 11 50<55	Bin 12 >=55
Thu 5 May 2022	630	26.4	22.3	4.0	2	4	15	118	364	117	9	1	0	0	0	0
Fri 6 May 2022	604	25.4	21.7	3.6	0	5	13	139	362	84	1	0	0	0	0	0
Sat 7 May 2022	589	26.6	22.5	4.0	1	2	15	103	340	114	13	1	0	0	0	0
Sun 8 May 2022	559	26.3	22.3	3.9	0	7	14	89	344	99	5	1	0	0	0	0
Mon 9 May 2022	640	26.2	22.4	3.7	0	2	18	107	384	121	8	0	0	0	0	0
Tue 10 May 2022	588	27.9	22.7	5.0	0	1	20	99	346	101	17	0	0	0	0	4
Wed 11 May 2022	586	29.3	25.4	3.8	0	1	5	25	228	280	44	3	0	0	0	0
5 Day Ave.	610	27.1	22.9	4.0	0	3	14	98	337	141	16	1	0	0	0	1
7 Day Ave.	599	26.9	22.7	4.0	0	3	14	97	338	131	14	1	0	0	0	1

360 TSL Ltd

Direction: Total Flow

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5<10	Bin 3 10<15	Bin 4 15<20	Bin 5 20<25	Bin 6 25<30	Bin 7 30<35	Bin 8 35<40	Bin 9 40<45	Bin 10 45<50	Bin 11 50<55	Bin 12 >=55
Thu 5 May 2022	1308	25.4	21.1	4.2	2	11	72	369	673	169	11	1	0	0	0	0
Fri 6 May 2022	1359	24.7	20.5	4.1	1	18	102	423	688	125	2	0	0	0	0	0
Sat 7 May 2022	1285	25.6	21.1	4.3	2	16	84	334	676	158	13	2	0	0	0	0
Sun 8 May 2022	1138	25.6	21.3	4.2	1	11	56	313	592	153	11	1	0	0	0	0
Mon 9 May 2022	1300	25.6	21.7	3.8	1	2	58	300	744	185	10	0	0	0	0	0
Tue 10 May 2022	1239	26.2	21.4	4.6	1	3	77	327	661	149	17	0	0	0	0	4
Wed 11 May 2022	1282	29.0	23.5	5.4	4	18	91	133	485	476	70	5	0	0	0	0
5 Day Ave.	1298	26.2	21.6	4.4	2	10	80	310	650	221	22	1	0	0	0	1
7 Day Ave.	1273	26.0	21.5	4.4	2	11	77	314	646	202	19	1	0	0	0	1

360 TSL Ltd



North Wales ATC 1, A547 Abergele Road

Direction: Eastbound

05/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	7	6	1	0	0
01:00	1	0	1	0	0
02:00	3	3	0	0	0
03:00	2	2	0	0	0
04:00	5	4	1	0	0
05:00	7	6	1	0	0
06:00	62	53	7	0	2
07:00	165	130	28	0	7
08:00	342	294	41	0	7
09:00	233	205	23	0	5
10:00	256	218	35	0	3
11:00	271	238	30	0	3
12:00	305	278	20	1	6
13:00	284	255	24	0	5
14:00	289	256	27	0	6
15:00	389	351	30	1	7
16:00	460	419	31	3	7
17:00	445	411	29	1	4
18:00	303	280	19	0	4
19:00	201	189	7	0	5
20:00	169	161	6	0	2
21:00	98	91	6	0	1
22:00	64	60	3	0	1
23:00	35	33	0	0	2
Total					
12H(7-19)	3742	3335	337	6	64
16H(6-22)	4272	3829	363	6	74
18H(6-24)	4371	3922	366	6	77
24H(0-24)	4396	3943	370	6	77
AM Peak	08:00	08:00	08:00	00:00	07:00
	342	294	41	0	7
PM Peak	16:00	16:00	16:00	16:00	15:00
	460	419	31	3	7

360 TSL Ltd

Direction: Westbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	6	6	0	0	0
01:00	2	1	1	0	0
02:00	2	1	1	0	0
03:00	1	1	0	0	0
04:00	9	7	2	0	0
05:00	21	18	2	0	1
06:00	88	78	9	0	1
07:00	259	227	30	0	2
08:00	437	382	48	0	7
09:00	311	272	36	0	3
10:00	290	250	34	1	5
11:00	327	271	51	1	4
12:00	298	251	41	0	6
13:00	308	261	42	1	4
14:00	337	296	37	0	4
15:00	293	247	39	2	5
16:00	303	266	33	0	4
17:00	376	330	41	1	4
18:00	265	235	26	0	4
19:00	158	138	18	0	2
20:00	107	96	11	0	0
21:00	95	89	4	0	2
22:00	56	54	1	0	1
23:00	25	22	3	0	0
Total					
12H(7-19)	3804	3288	458	6	52
16H(6-22)	4252	3689	500	6	57
18H(6-24)	4333	3765	504	6	58
24H(0-24)	4374	3799	510	6	59
AM Peak	08:00	08:00	11:00	10:00	08:00
	437	382	51	1	7
PM Peak	17:00	17:00	13:00	15:00	12:00
	376	330	42	2	6

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	13	12	1	0	0
01:00	3	1	2	0	0
02:00	5	4	1	0	0
03:00	3	3	0	0	0
04:00	14	11	3	0	0
05:00	28	24	3	0	1
06:00	150	131	16	0	3
07:00	424	357	58	0	9
08:00	779	676	89	0	14
09:00	544	477	59	0	8
10:00	546	468	69	1	8
11:00	598	509	81	1	7
12:00	603	529	61	1	12
13:00	592	516	66	1	9
14:00	626	552	64	0	10
15:00	682	598	69	3	12
16:00	763	685	64	3	11
17:00	821	741	70	2	8
18:00	568	515	45	0	8
19:00	359	327	25	0	7
20:00	276	257	17	0	2
21:00	193	180	10	0	3
22:00	120	114	4	0	2
23:00	60	55	3	0	2
Total					
12H(7-19)	7546	6623	795	12	116
16H(6-22)	8524	7518	863	12	131
18H(6-24)	8704	7687	870	12	135
24H(0-24)	8770	7742	880	12	136
AM Peak	08:00	08:00	08:00	10:00	08:00
	779	676	89	1	14
PM Peak	17:00	17:00	17:00	15:00	12:00
	821	741	70	3	12

360 TSL Ltd



North Wales ATC 1, A547 Abergele Road

Direction: Eastbound

06/05/2022					
Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	10	10	0	0	0
01:00	5	5	0	0	0
02:00	3	3	0	0	0
03:00	5	4	1	0	0
04:00	2	1	1	0	0
05:00	6	3	3	0	0
06:00	52	41	8	0	3
07:00	151	119	28	0	4
08:00	318	283	30	2	3
09:00	262	227	27	0	8
10:00	226	195	26	1	4
11:00	286	257	25	0	4
12:00	300	275	19	0	6
13:00	311	282	26	0	3
14:00	339	307	28	0	4
15:00	416	375	37	0	4
16:00	469	421	38	0	10
17:00	427	401	19	1	6
18:00	304	281	18	0	5
19:00	185	173	8	0	4
20:00	134	126	6	0	2
21:00	90	86	2	0	2
22:00	80	75	4	0	1
23:00	39	34	3	0	2
Total					
12H(7-19)	3809	3423	321	4	61
16H(6-22)	4270	3849	345	4	72
18H(6-24)	4389	3958	352	4	75
24H(0-24)	4420	3984	357	4	75
AM Peak	08:00	08:00	08:00	08:00	09:00
	318	283	30	2	8
PM Peak	16:00	16:00	16:00	17:00	16:00
	469	421	38	1	10

360 TSL Ltd

Direction: Westbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	4	4	0	0	0
01:00	0	0	0	0	0
02:00	3	3	0	0	0
03:00	4	4	0	0	0
04:00	5	3	2	0	0
05:00	26	22	3	0	1
06:00	82	74	8	0	0
07:00	260	220	37	0	3
08:00	424	363	53	0	8
09:00	317	276	35	1	5
10:00	313	266	42	0	5
11:00	315	277	36	0	2
12:00	291	252	34	1	4
13:00	301	250	45	0	6
14:00	301	260	36	0	5
15:00	303	267	33	0	3
16:00	358	327	27	1	3
17:00	388	359	27	1	1
18:00	269	241	25	0	3
19:00	153	144	9	0	0
20:00	99	94	5	0	0
21:00	83	76	6	0	1
22:00	57	51	4	0	2
23:00	38	35	3	0	0
Total					
12H(7-19)	3840	3358	430	4	48
16H(6-22)	4257	3746	458	4	49
18H(6-24)	4352	3832	465	4	51
24H(0-24)	4394	3868	470	4	52
AM Peak	08:00	08:00	08:00	09:00	08:00
	424	363	53	1	8
PM Peak	17:00	17:00	13:00	12:00	13:00
	388	359	45	1	6

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	14	14	0	0	0
01:00	5	5	0	0	0
02:00	6	6	0	0	0
03:00	9	8	1	0	0
04:00	7	4	3	0	0
05:00	32	25	6	0	1
06:00	134	115	16	0	3
07:00	411	339	65	0	7
08:00	742	646	83	2	11
09:00	579	503	62	1	13
10:00	539	461	68	1	9
11:00	601	534	61	0	6
12:00	591	527	53	1	10
13:00	612	532	71	0	9
14:00	640	567	64	0	9
15:00	719	642	70	0	7
16:00	827	748	65	1	13
17:00	815	760	46	2	7
18:00	573	522	43	0	8
19:00	338	317	17	0	4
20:00	233	220	11	0	2
21:00	173	162	8	0	3
22:00	137	126	8	0	3
23:00	77	69	6	0	2
Total					
12H(7-19)	7649	6781	751	8	109
16H(6-22)	8527	7595	803	8	121
18H(6-24)	8741	7790	817	8	126
24H(0-24)	8814	7852	827	8	127
AM Peak	08:00	08:00	08:00	08:00	09:00
	742	646	83	2	13
PM Peak	16:00	17:00	13:00	17:00	16:00
	827	760	71	2	13

360 TSL Ltd



North Wales ATC 1, A547 Abergele Road

Direction: Eastbound

07/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	29	27	2	0	0
01:00	16	15	1	0	0
02:00	6	6	0	0	0
03:00	3	2	1	0	0
04:00	6	6	0	0	0
05:00	7	6	1	0	0
06:00	24	20	2	0	2
07:00	54	47	3	0	4
08:00	105	89	9	1	6
09:00	163	141	17	1	4
10:00	228	213	13	0	2
11:00	287	266	18	0	3
12:00	322	306	13	0	3
13:00	348	328	15	1	4
14:00	394	368	20	0	6
15:00	302	292	8	0	2
16:00	347	327	13	0	7
17:00	306	293	8	1	4
18:00	240	220	16	0	4
19:00	169	159	5	0	5
20:00	150	142	8	0	0
21:00	72	67	4	0	1
22:00	78	72	4	0	2
23:00	41	38	1	0	2
Total					
12H(7-19)	3096	2890	153	4	49
16H(6-22)	3511	3278	172	4	57
18H(6-24)	3630	3388	177	4	61
24H(0-24)	3697	3450	182	4	61
AM Peak	11:00 287	11:00 266	11:00 18	08:00 1	08:00 6
PM Peak	14:00 394	14:00 368	14:00 20	13:00 1	16:00 7

360 TSL Ltd

Direction: Westbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	12	11	1	0	0
01:00	16	16	0	0	0
02:00	7	6	1	0	0
03:00	1	1	0	0	0
04:00	7	7	0	0	0
05:00	16	13	2	0	1
06:00	33	29	2	0	2
07:00	89	76	10	0	3
08:00	198	175	19	0	4
09:00	272	238	28	0	6
10:00	346	312	31	0	3
11:00	386	349	32	0	5
12:00	329	301	24	0	4
13:00	385	354	26	1	4
14:00	296	273	20	0	3
15:00	293	267	22	0	4
16:00	255	233	20	0	2
17:00	229	206	18	1	4
18:00	225	206	13	2	4
19:00	164	154	9	0	1
20:00	106	94	10	0	2
21:00	58	54	3	0	1
22:00	69	67	2	0	0
23:00	33	30	1	0	2
Total					
12H(7-19)	3303	2990	263	4	46
16H(6-22)	3664	3321	287	4	52
18H(6-24)	3766	3418	290	4	54
24H(0-24)	3825	3472	294	4	55
AM Peak	11:00 386	11:00 349	11:00 32	00:00 0	09:00 6
PM Peak	13:00 385	13:00 354	13:00 26	18:00 2	12:00 4

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	41	38	3	0	0
01:00	32	31	1	0	0
02:00	13	12	1	0	0
03:00	4	3	1	0	0
04:00	13	13	0	0	0
05:00	23	19	3	0	1
06:00	57	49	4	0	4
07:00	143	123	13	0	7
08:00	303	264	28	1	10
09:00	435	379	45	1	10
10:00	574	525	44	0	5
11:00	673	615	50	0	8
12:00	651	607	37	0	7
13:00	733	682	41	2	8
14:00	690	641	40	0	9
15:00	595	559	30	0	6
16:00	602	560	33	0	9
17:00	535	499	26	2	8
18:00	465	426	29	2	8
19:00	333	313	14	0	6
20:00	256	236	18	0	2
21:00	130	121	7	0	2
22:00	147	139	6	0	2
23:00	74	68	2	0	4
Total					
12H(7-19)	6399	5880	416	8	95
16H(6-22)	7175	6599	459	8	109
18H(6-24)	7396	6806	467	8	115
24H(0-24)	7522	6922	476	8	116
AM Peak	11:00 673	11:00 615	11:00 50	08:00 1	08:00 10
PM Peak	13:00 733	13:00 682	13:00 41	13:00 2	14:00 9

360 TSL Ltd



North Wales ATC 1, A547 Abergele Road

Direction: Eastbound

08/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	26	25	1	0	0
01:00	9	7	2	0	0
02:00	5	5	0	0	0
03:00	6	6	0	0	0
04:00	7	7	0	0	0
05:00	4	4	0	0	0
06:00	13	12	0	0	1
07:00	42	42	0	0	0
08:00	52	48	4	0	0
09:00	116	113	2	1	0
10:00	180	166	12	0	2
11:00	249	235	11	1	2
12:00	306	284	21	1	0
13:00	269	257	11	0	1
14:00	264	255	4	2	3
15:00	315	299	12	1	3
16:00	278	267	6	1	4
17:00	232	222	6	1	3
18:00	156	148	4	2	2
19:00	120	113	4	0	3
20:00	118	111	6	0	1
21:00	69	67	1	0	1
22:00	54	51	2	0	1
23:00	25	22	1	0	2
Total					
12H(7-19)	2459	2336	93	10	20
16H(6-22)	2779	2639	104	10	26
18H(6-24)	2858	2712	107	10	29
24H(0-24)	2915	2766	110	10	29
AM Peak	11:00	11:00	10:00	09:00	10:00
	249	235	12	1	2
PM Peak	15:00	15:00	12:00	14:00	16:00
	315	299	21	2	4

360 TSL Ltd

Direction: Westbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	23	22	1	0	0
01:00	9	9	0	0	0
02:00	6	5	1	0	0
03:00	5	5	0	0	0
04:00	6	5	1	0	0
05:00	6	5	0	0	1
06:00	27	26	1	0	0
07:00	50	43	5	1	1
08:00	86	79	7	0	0
09:00	206	181	22	1	2
10:00	293	268	22	0	3
11:00	328	291	33	0	4
12:00	314	294	18	1	1
13:00	312	291	17	1	3
14:00	317	295	20	0	2
15:00	242	225	14	1	2
16:00	215	197	13	0	5
17:00	165	154	9	1	1
18:00	166	152	12	0	2
19:00	115	96	16	0	3
20:00	80	74	5	0	1
21:00	61	60	1	0	0
22:00	40	37	2	0	1
23:00	20	20	0	0	0
Total					
12H(7-19)	2694	2470	192	6	26
16H(6-22)	2977	2726	215	6	30
18H(6-24)	3037	2783	217	6	31
24H(0-24)	3092	2834	220	6	32
AM Peak	11:00	11:00	11:00	07:00	11:00
	328	291	33	1	4
PM Peak	14:00	14:00	14:00	12:00	16:00
	317	295	20	1	5

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	49	47	2	0	0
01:00	18	16	2	0	0
02:00	11	10	1	0	0
03:00	11	11	0	0	0
04:00	13	12	1	0	0
05:00	10	9	0	0	1
06:00	40	38	1	0	1
07:00	92	85	5	1	1
08:00	138	127	11	0	0
09:00	322	294	24	2	2
10:00	473	434	34	0	5
11:00	577	526	44	1	6
12:00	620	578	39	2	1
13:00	581	548	28	1	4
14:00	581	550	24	2	5
15:00	557	524	26	2	5
16:00	493	464	19	1	9
17:00	397	376	15	2	4
18:00	322	300	16	2	4
19:00	235	209	20	0	6
20:00	198	185	11	0	2
21:00	130	127	2	0	1
22:00	94	88	4	0	2
23:00	45	42	1	0	2
Total					
12H(7-19)	5153	4806	285	16	46
16H(6-22)	5756	5365	319	16	56
18H(6-24)	5895	5495	324	16	60
24H(0-24)	6007	5600	330	16	61
AM Peak	11:00	11:00	11:00	09:00	11:00
	577	526	44	2	6
PM Peak	12:00	12:00	12:00	12:00	16:00
	620	578	39	2	9

360 TSL Ltd



North Wales ATC 1, A547 Abergele Road

Direction: Eastbound

Direction: Westbound

Direction: Total Flow

09/05/2022					
Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	11	11	0	0	0
01:00	10	10	0	0	0
02:00	2	2	0	0	0
03:00	2	0	2	0	0
04:00	3	1	2	0	0
05:00	15	12	3	0	0
06:00	57	51	3	0	3
07:00	172	140	26	0	6
08:00	339	298	34	0	7
09:00	238	209	25	0	4
10:00	232	190	32	1	9
11:00	245	213	27	1	4
12:00	277	250	24	0	3
13:00	281	256	21	1	3
14:00	270	246	21	0	3
15:00	390	348	35	0	7
16:00	428	380	37	1	10
17:00	410	382	24	1	3
18:00	233	215	13	1	4
19:00	149	137	8	0	4
20:00	125	118	5	0	2
21:00	72	68	2	0	2
22:00	45	44	0	0	1
23:00	16	14	0	0	2
Total					
12H(7-19)	3515	3127	319	6	63
16H(6-22)	3918	3501	337	6	74
18H(6-24)	3979	3559	337	6	77
24H(0-24)	4022	3595	344	6	77
AM Peak	08:00	08:00	08:00	10:00	10:00
	339	298	34	1	9
PM Peak	16:00	17:00	16:00	13:00	16:00
	428	382	37	1	10

360 TSL Ltd

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	10	9	1	0	0
01:00	10	10	0	0	0
02:00	2	2	0	0	0
03:00	5	3	2	0	0
04:00	13	7	6	0	0
05:00	24	19	5	0	0
06:00	78	67	9	0	2
07:00	250	210	37	0	3
08:00	448	389	53	0	6
09:00	314	282	30	0	2
10:00	291	259	28	0	4
11:00	297	257	38	0	2
12:00	326	292	31	0	3
13:00	308	271	34	0	3
14:00	344	308	33	0	3
15:00	296	261	31	1	3
16:00	302	269	31	0	2
17:00	300	260	36	0	4
18:00	217	201	12	1	3
19:00	152	139	12	0	1
20:00	102	94	6	0	2
21:00	72	69	2	0	1
22:00	31	29	2	0	0
23:00	19	17	2	0	0
Total					
12H(7-19)	3693	3259	394	2	38
16H(6-22)	4097	3628	423	2	44
18H(6-24)	4147	3674	427	2	44
24H(0-24)	4211	3724	441	2	44
AM Peak	08:00	08:00	08:00	00:00	08:00
	448	389	53	0	6
PM Peak	14:00	14:00	17:00	15:00	17:00
	344	308	36	1	4

360 TSL Ltd

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	21	20	1	0	0
01:00	20	20	0	0	0
02:00	4	4	0	0	0
03:00	7	3	4	0	0
04:00	16	8	8	0	0
05:00	39	31	8	0	0
06:00	135	118	12	0	5
07:00	422	350	63	0	9
08:00	787	687	87	0	13
09:00	552	491	55	0	6
10:00	523	449	60	1	13
11:00	542	470	65	1	6
12:00	603	542	55	0	6
13:00	589	527	55	1	6
14:00	614	554	54	0	6
15:00	686	609	66	1	10
16:00	730	649	68	1	12
17:00	710	642	60	1	7
18:00	450	416	25	2	7
19:00	301	276	20	0	5
20:00	227	212	11	0	4
21:00	144	137	4	0	3
22:00	76	73	2	0	1
23:00	35	31	2	0	2
Total					
12H(7-19)	7208	6386	713	8	101
16H(6-22)	8015	7129	760	8	118
18H(6-24)	8126	7233	764	8	121
24H(0-24)	8233	7319	785	8	121
AM Peak	08:00	08:00	08:00	10:00	08:00
	787	687	87	1	13
PM Peak	16:00	16:00	16:00	18:00	16:00
	730	649	68	2	12

360 TSL Ltd



North Wales ATC 1, A547 Abergele Road

Direction: Eastbound

10/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	5	5	0	0	0
01:00	1	1	0	0	0
02:00	1	1	0	0	0
03:00	3	2	1	0	0
04:00	5	3	2	0	0
05:00	9	8	1	0	0
06:00	63	49	11	0	3
07:00	177	148	25	0	4
08:00	337	292	37	0	8
09:00	238	198	31	2	7
10:00	217	196	14	0	7
11:00	248	224	20	0	4
12:00	283	257	19	0	7
13:00	264	238	20	1	5
14:00	274	248	18	2	6
15:00	377	340	31	2	4
16:00	434	385	39	1	9
17:00	472	431	35	2	4
18:00	277	254	19	0	4
19:00	186	176	7	0	3
20:00	130	126	2	1	1
21:00	102	94	5	0	3
22:00	48	46	0	1	1
23:00	24	23	0	0	1
Total					
12H(7-19)	3598	3211	308	10	69
16H(6-22)	4079	3656	333	11	79
18H(6-24)	4151	3725	333	12	81
24H(0-24)	4175	3745	337	12	81
AM Peak	08:00	08:00	08:00	09:00	08:00
	337	292	37	2	8
PM Peak	17:00	17:00	16:00	14:00	16:00
	472	431	39	2	9

360 TSL Ltd

Direction: Westbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	7	7	0	0	0
01:00	3	2	1	0	0
02:00	2	1	1	0	0
03:00	1	1	0	0	0
04:00	9	3	6	0	0
05:00	24	20	3	1	0
06:00	84	72	10	0	2
07:00	271	231	35	0	5
08:00	462	404	51	1	6
09:00	328	288	35	1	4
10:00	310	271	32	1	6
11:00	340	298	34	2	6
12:00	289	256	27	0	6
13:00	289	253	30	0	6
14:00	306	266	32	0	8
15:00	282	240	37	1	4
16:00	324	278	44	0	2
17:00	335	293	39	0	3
18:00	211	190	18	0	3
19:00	161	146	13	0	2
20:00	90	81	7	1	1
21:00	72	69	2	0	1
22:00	41	39	2	0	0
23:00	19	18	1	0	0
Total					
12H(7-19)	3747	3268	414	6	59
16H(6-22)	4154	3636	446	7	65
18H(6-24)	4214	3693	449	7	65
24H(0-24)	4260	3727	460	8	65
AM Peak	08:00	08:00	08:00	11:00	08:00
	462	404	51	2	6
PM Peak	17:00	17:00	16:00	15:00	14:00
	335	293	44	1	8

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	12	12	0	0	0
01:00	4	3	1	0	0
02:00	3	2	1	0	0
03:00	4	3	1	0	0
04:00	14	6	8	0	0
05:00	33	28	4	1	0
06:00	147	121	21	0	5
07:00	448	379	60	0	9
08:00	799	696	88	1	14
09:00	566	486	66	3	11
10:00	527	467	46	1	13
11:00	588	522	54	2	10
12:00	572	513	46	0	13
13:00	553	491	50	1	11
14:00	580	514	50	2	14
15:00	659	580	68	3	8
16:00	758	663	83	1	11
17:00	807	724	74	2	7
18:00	488	444	37	0	7
19:00	347	322	20	0	5
20:00	220	207	9	2	2
21:00	174	163	7	0	4
22:00	89	85	2	1	1
23:00	43	41	1	0	1
Total					
12H(7-19)	7345	6479	722	16	128
16H(6-22)	8233	7292	779	18	144
18H(6-24)	8365	7418	782	19	146
24H(0-24)	8435	7472	797	20	146
AM Peak	08:00	08:00	08:00	09:00	08:00
	799	696	88	3	14
PM Peak	17:00	17:00	16:00	15:00	14:00
	807	724	83	3	14

360 TSL Ltd



North Wales ATC 1, A547 Abergele Road

Direction: Eastbound

11/05/2022					
Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	12	10	2	0	0
01:00	2	1	1	0	0
02:00	1	1	0	0	0
03:00	8	5	3	0	0
04:00	2	1	1	0	0
05:00	9	6	3	0	0
06:00	61	50	8	0	3
07:00	180	149	25	0	6
08:00	359	321	36	0	2
09:00	240	204	30	1	5
10:00	281	235	42	0	4
11:00	254	222	30	0	2
12:00	304	271	27	2	4
13:00	260	233	21	1	5
14:00	321	294	24	1	2
15:00	375	328	38	3	6
16:00	456	411	40	0	5
17:00	416	370	43	0	3
18:00	213	195	12	3	3
19:00	153	138	11	0	4
20:00	220	208	9	1	2
21:00	129	121	7	0	1
22:00	87	83	2	0	2
23:00	51	46	3	0	2
Total					
12H(7-19)	3659	3233	368	11	47
16H(6-22)	4222	3750	403	12	57
18H(6-24)	4360	3879	408	12	61
24H(0-24)	4394	3903	418	12	61
AM Peak	08:00	08:00	10:00	09:00	07:00
	359	321	42	1	6
PM Peak	16:00	16:00	17:00	15:00	15:00
	456	411	43	3	6

360 TSL Ltd

Direction: Westbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	3	3	0	0	0
01:00	0	0	0	0	0
02:00	1	1	0	0	0
03:00	3	2	1	0	0
04:00	10	7	3	0	0
05:00	29	22	7	0	0
06:00	88	72	15	0	1
07:00	245	220	23	0	2
08:00	428	385	40	1	2
09:00	305	270	32	1	2
10:00	278	231	40	1	6
11:00	315	262	47	1	5
12:00	264	221	39	0	4
13:00	286	243	35	2	6
14:00	301	265	31	0	5
15:00	285	242	38	0	5
16:00	320	280	34	0	6
17:00	298	270	25	0	3
18:00	183	169	12	0	2
19:00	156	145	7	1	3
20:00	197	172	21	0	4
21:00	109	99	8	0	2
22:00	110	101	8	0	1
23:00	41	35	4	0	2
Total					
12H(7-19)	3508	3058	396	6	48
16H(6-22)	4058	3546	447	7	58
18H(6-24)	4209	3682	459	7	61
24H(0-24)	4255	3717	470	7	61
AM Peak	08:00	08:00	11:00	08:00	10:00
	428	385	47	1	6
PM Peak	16:00	16:00	12:00	13:00	13:00
	320	280	39	2	6

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	15	13	2	0	0
01:00	2	1	1	0	0
02:00	2	2	0	0	0
03:00	11	7	4	0	0
04:00	12	8	4	0	0
05:00	38	28	10	0	0
06:00	149	122	23	0	4
07:00	425	369	48	0	8
08:00	787	706	76	1	4
09:00	545	474	62	2	7
10:00	559	466	82	1	10
11:00	569	484	77	1	7
12:00	568	492	66	2	8
13:00	546	476	56	3	11
14:00	622	559	55	1	7
15:00	660	570	76	3	11
16:00	776	691	74	0	11
17:00	714	640	68	0	6
18:00	396	364	24	3	5
19:00	309	283	18	1	7
20:00	417	380	30	1	6
21:00	238	220	15	0	3
22:00	197	184	10	0	3
23:00	92	81	7	0	4
Total					
12H(7-19)	7167	6291	764	17	95
16H(6-22)	8280	7296	850	19	115
18H(6-24)	8569	7561	867	19	122
24H(0-24)	8649	7620	888	19	122
AM Peak	08:00	08:00	10:00	09:00	10:00
	787	706	82	2	10
PM Peak	16:00	16:00	15:00	13:00	13:00
	776	691	76	3	11

360 TSL Ltd



# North Wales ATC 1, A547 Abergele Road

Direction: Eastbound

05/05/2022

Hour Beginning	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5<10	Bin 3 10<15	Bin 4 15<20	Bin 5 20<25	Bin 6 25<30	Bin 7 30<35	Bin 8 35<40	Bin 9 40<45	Bin 10 45<50	Bin 11 50<55	Bin 12 >=55
00:00	7	25.4	18.9	6.3	0	0	3	0	3	1	0	0	0	0	0	0
01:00	1	-	22.5	-	0	0	0	0	1	0	0	0	0	0	0	0
02:00	3	37.1	29.2	7.6	0	0	0	0	1	1	0	1	0	0	0	0
03:00	2	22.5	22.5	0.0	0	0	0	0	2	0	0	0	0	0	0	0
04:00	5	27.2	21.5	5.5	0	0	1	0	3	1	0	0	0	0	0	0
05:00	7	31.7	27.5	4.1	0	0	0	0	2	3	2	0	0	0	0	0
06:00	62	27.7	23.4	4.2	0	0	3	7	29	22	1	0	0	0	0	0
07:00	165	25.1	20.9	4.0	0	0	14	44	88	18	1	0	0	0	0	0
08:00	342	24.5	19.7	4.6	0	7	48	109	144	33	1	0	0	0	0	0
09:00	233	24.5	19.8	4.5	0	3	31	78	97	23	1	0	0	0	0	0
10:00	256	24.5	20.2	4.2	0	2	24	92	113	24	1	0	0	0	0	0
11:00	271	23.8	19.0	4.6	0	6	47	97	101	20	0	0	0	0	0	0
12:00	305	24.3	20.0	4.2	0	3	33	100	146	22	1	0	0	0	0	0
13:00	284	24.5	20.1	4.3	0	7	23	93	138	23	0	0	0	0	0	0
14:00	289	24.4	20.5	3.8	0	0	21	103	138	27	0	0	0	0	0	0
15:00	389	24.1	19.8	4.2	0	7	36	148	171	25	2	0	0	0	0	0
16:00	460	24.4	19.9	4.3	0	7	48	158	211	33	3	0	0	0	0	0
17:00	445	24.3	19.3	4.9	2	8	82	133	180	38	2	0	0	0	0	0
18:00	303	25.3	21.0	4.2	0	0	28	78	159	35	2	1	0	0	0	0
19:00	201	25.9	21.5	4.2	0	1	8	56	106	25	4	1	0	0	0	0
20:00	169	26.4	21.9	4.4	0	0	10	41	82	33	2	1	0	0	0	0
21:00	98	26.6	22.7	3.8	0	1	2	12	63	19	0	1	0	0	0	0
22:00	64	27.2	22.6	4.5	0	0	5	9	31	18	1	0	0	0	0	0
23:00	35	26.7	21.8	4.7	0	0	3	8	16	7	1	0	0	0	0	0
Total																
2H(10-12)	527	24.2	19.6	4.4	0	8	71	189	214	44	1	0	0	0	0	0
2H(14-16)	678	24.3	20.1	4.0	0	7	57	251	309	52	2	0	0	0	0	0
12H(7-19)	3742	24.5	19.9	4.4	2	50	435	1233	1686	321	14	1	0	0	0	0
24H(0-24)	4396	24.9	20.3	4.4	2	52	470	1366	2025	451	25	5	0	0	0	0
AM Peak	08:00 342	02:00 37.1	02:00 29.2	02:00 7.6	00:00 0	08:00 7	08:00 48	08:00 109	08:00 144	08:00 33	05:00 2	02:00 1	00:00 0	00:00 0	00:00 0	00:00 0
PM Peak	16:00 460	22:00 27.2	21:00 22.7	17:00 4.9	17:00 2	17:00 8	17:00 82	16:00 158	16:00 211	17:00 38	19:00 4	18:00 1	12:00 0	12:00 0	12:00 0	12:00 0



Direction: Westbound

Hour Beginning	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5<10	Bin 3 10<15	Bin 4 15<20	Bin 5 20<25	Bin 6 25<30	Bin 7 30<35	Bin 8 35<40	Bin 9 40<45	Bin 10 45<50	Bin 11 50<55	Bin 12 >=55
00:00	6	28.2	22.5	5.5	0	0	1	0	3	2	0	0	0	0	0	0
01:00	2	22.5	22.5	0.0	0	0	0	0	2	0	0	0	0	0	0	0
02:00	2	33.7	30.0	3.5	0	0	0	0	0	1	1	0	0	0	0	0
03:00	1	-	27.5	-	0	0	0	0	0	1	0	0	0	0	0	0
04:00	9	32.1	26.4	5.5	0	0	0	1	2	5	0	1	0	0	0	0
05:00	21	30.4	25.6	4.6	0	0	1	0	8	9	3	0	0	0	0	0
06:00	88	28.9	24.7	4.1	0	0	0	8	42	30	7	1	0	0	0	0
07:00	259	27.8	23.2	4.4	0	2	9	38	117	87	5	1	0	0	0	0
08:00	437	27.7	22.3	5.2	0	1	16	96	242	73	3	2	0	0	1	3
09:00	311	26.6	22.2	4.2	1	2	16	50	168	73	1	0	0	0	0	0
10:00	290	25.8	21.8	3.8	0	3	11	54	177	43	2	0	0	0	0	0
11:00	327	25.9	21.2	4.5	1	3	28	68	173	53	1	0	0	0	0	0
12:00	298	27.7	22.7	4.9	0	0	13	57	155	62	7	1	0	3	0	0
13:00	308	25.9	22.4	3.3	0	0	5	50	202	46	5	0	0	0	0	0
14:00	337	26.3	22.3	3.9	0	2	6	74	186	63	5	1	0	0	0	0
15:00	293	26.5	22.3	4.1	2	2	9	44	178	54	4	0	0	0	0	0
16:00	303	26.9	23.6	3.2	0	0	1	28	180	91	3	0	0	0	0	0
17:00	376	27.2	22.4	4.6	0	1	15	78	193	82	5	0	0	0	2	0
18:00	265	27.3	23.0	4.1	0	2	6	39	144	68	4	2	0	0	0	0
19:00	158	28.4	24.3	4.0	0	1	1	12	81	54	8	1	0	0	0	0
20:00	107	28.6	24.1	4.3	0	1	1	9	54	37	3	2	0	0	0	0
21:00	95	27.2	23.5	3.5	0	0	0	13	53	26	3	0	0	0	0	0
22:00	56	28.9	24.9	3.8	0	0	0	4	25	24	2	1	0	0	0	0
23:00	25	29.4	23.9	5.3	0	0	0	4	14	5	1	0	1	0	0	0
Total																
2H(10-12)	617	25.9	21.5	4.2	1	6	39	122	350	96	3	0	0	0	0	0
2H(14-16)	630	26.4	22.3	4.0	2	4	15	118	364	117	9	1	0	0	0	0
12H(7-19)	3804	26.9	22.4	4.3	4	18	135	676	2115	795	45	7	0	3	3	3
24H(0-24)	4374	27.2	22.7	4.3	4	20	139	727	2399	989	73	13	1	3	3	3
AM Peak	08:00 437	02:00 33.7	02:00 30.0	00:00 5.5	09:00 1	10:00 3	11:00 28	08:00 96	08:00 242	07:00 87	06:00 7	08:00 2	00:00 0	00:00 0	08:00 1	08:00 3
PM Peak	17:00 376	23:00 29.4	22:00 24.9	23:00 5.3	15:00 2	14:00 2	17:00 15	17:00 78	13:00 202	16:00 91	19:00 8	18:00 2	23:00 1	12:00 3	17:00 2	12:00 0



Direction: Total Flow

Hour Beginning	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5<10	Bin 3 10<15	Bin 4 15<20	Bin 5 20<25	Bin 6 25<30	Bin 7 30<35	Bin 8 35<40	Bin 9 40<45	Bin 10 45<50	Bin 11 50<55	Bin 12 >=55
00:00	13	26.8	20.6	6.0	0	0	4	0	6	3	0	0	0	0	0	0
01:00	3	22.5	22.5	0.0	0	0	0	0	3	0	0	0	0	0	0	0
02:00	5	35.4	29.5	5.7	0	0	0	0	1	2	1	1	0	0	0	0
03:00	3	27.2	24.2	2.9	0	0	0	0	2	1	0	0	0	0	0	0
04:00	14	30.6	24.6	5.8	0	0	1	1	5	6	0	1	0	0	0	0
05:00	28	30.7	26.1	4.5	0	0	1	0	10	12	5	0	0	0	0	0
06:00	150	28.5	24.2	4.2	0	0	3	15	71	52	8	1	0	0	0	0
07:00	424	26.9	22.3	4.4	0	2	23	82	205	105	6	1	0	0	0	0
08:00	779	26.5	21.2	5.1	0	8	64	205	386	106	4	2	0	0	1	3
09:00	544	25.9	21.2	4.5	1	5	47	128	265	96	2	0	0	0	0	0
10:00	546	25.3	21.1	4.1	0	5	35	146	290	67	3	0	0	0	0	0
11:00	598	25.1	20.2	4.6	1	9	75	165	274	73	1	0	0	0	0	0
12:00	603	26.2	21.3	4.7	0	3	46	157	301	84	8	1	0	3	0	0
13:00	592	25.4	21.3	4.0	0	7	28	143	340	69	5	0	0	0	0	0
14:00	626	25.5	21.4	4.0	0	2	27	177	324	90	5	1	0	0	0	0
15:00	682	25.3	20.8	4.3	2	9	45	192	349	79	6	0	0	0	0	0
16:00	763	25.8	21.4	4.3	0	7	49	186	391	124	6	0	0	0	0	0
17:00	821	25.9	20.7	5.0	2	9	97	211	373	120	7	0	0	0	2	0
18:00	568	26.4	21.9	4.3	0	2	34	117	303	103	6	3	0	0	0	0
19:00	359	27.2	22.7	4.3	0	2	9	68	187	79	12	2	0	0	0	0
20:00	276	27.4	22.8	4.5	0	1	11	50	136	70	5	3	0	0	0	0
21:00	193	26.9	23.1	3.7	0	1	2	25	116	45	3	1	0	0	0	0
22:00	120	28.2	23.7	4.3	0	0	5	13	56	42	3	1	0	0	0	0
23:00	60	27.9	22.7	5.0	0	0	3	12	30	12	2	0	1	0	0	0
Total																
2H(10-12)	1144	25.2	20.6	4.4	1	14	110	311	564	140	4	0	0	0	0	0
2H(14-16)	1308	25.4	21.1	4.2	2	11	72	369	673	169	11	1	0	0	0	0
12H(7-19)	7546	25.9	21.2	4.5	6	68	570	1909	3801	1116	59	8	0	3	3	3
24H(0-24)	8770	26.2	21.5	4.5	6	72	609	2093	4424	1440	98	18	1	3	3	3
AM Peak	08:00 779	02:00 35.4	02:00 29.5	00:00 6.0	09:00 1	11:00 9	11:00 75	08:00 205	08:00 386	08:00 106	06:00 8	08:00 2	00:00 0	00:00 0	08:00 1	08:00 3
PM Peak	17:00 821	22:00 28.2	22:00 23.7	23:00 5.0	15:00 2	15:00 9	17:00 97	17:00 211	16:00 391	16:00 124	19:00 12	18:00 3	23:00 1	12:00 3	17:00 2	12:00 0



North Wales ATC 1, A547 Abergele Road

Direction: Eastbound

06/05/2022																
Hour Beginning	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5<10	Bin 3 10<15	Bin 4 15<20	Bin 5 20<25	Bin 6 25<30	Bin 7 30<35	Bin 8 35<40	Bin 9 40<45	Bin 10 45<50	Bin 11 50<55	Bin 12 >=55
00:00	10	25.7	23.5	2.1	0	0	0	0	8	2	0	0	0	0	0	0
01:00	5	25.1	20.5	4.5	0	0	0	3	1	1	0	0	0	0	0	0
02:00	3	28.8	25.8	2.9	0	0	0	0	1	2	0	0	0	0	0	0
03:00	5	30.8	26.5	4.2	0	0	0	0	2	2	1	0	0	0	0	0
04:00	2	28.7	25.0	3.5	0	0	0	0	1	1	0	0	0	0	0	0
05:00	6	27.2	23.3	3.8	0	0	0	1	3	2	0	0	0	0	0	0
06:00	52	28.1	23.7	4.3	0	0	2	6	24	18	2	0	0	0	0	0
07:00	151	26.6	21.5	4.9	0	3	10	37	69	29	2	1	0	0	0	0
08:00	318	24.8	20.8	3.9	0	3	15	108	156	35	1	0	0	0	0	0
09:00	262	22.8	18.5	4.2	0	5	49	107	93	8	0	0	0	0	0	0
10:00	226	23.9	19.6	4.2	0	3	29	79	101	14	0	0	0	0	0	0
11:00	286	24.0	19.8	4.1	0	3	28	113	121	20	1	0	0	0	0	0
12:00	300	24.2	19.9	4.2	0	1	34	112	126	26	1	0	0	0	0	0
13:00	311	24.2	19.8	4.2	0	4	34	108	144	20	1	0	0	0	0	0
14:00	339	23.8	19.9	3.8	0	2	31	131	155	20	0	0	0	0	0	0
15:00	416	23.7	19.1	4.5	1	11	58	153	171	21	1	0	0	0	0	0
16:00	469	25.2	20.3	4.7	1	4	52	148	216	43	3	0	0	2	0	0
17:00	427	24.3	19.7	4.5	0	10	48	152	180	36	1	0	0	0	0	0
18:00	304	25.5	20.9	4.4	0	3	22	95	135	47	2	0	0	0	0	0
19:00	185	25.4	21.3	3.9	0	0	8	58	93	23	3	0	0	0	0	0
20:00	134	26.2	21.8	4.2	0	1	8	25	76	22	2	0	0	0	0	0
21:00	90	26.9	22.2	4.5	0	1	6	13	49	19	2	0	0	0	0	0
22:00	80	27.3	22.4	4.7	0	0	7	10	44	15	4	0	0	0	0	0
23:00	39	27.6	23.0	4.4	0	0	2	5	21	9	2	0	0	0	0	0
Total																
2H(10-12)	512	24.0	19.7	4.1	0	6	57	192	222	34	1	0	0	0	0	0
2H(14-16)	755	23.8	19.4	4.2	1	13	89	284	326	41	1	0	0	0	0	0
12H(7-19)	3809	24.4	19.9	4.4	2	52	410	1343	1667	319	13	1	0	2	0	0
24H(0-24)	4420	24.8	20.2	4.4	2	54	443	1464	1990	435	29	1	0	2	0	0
AM Peak	08:00 318	03:00 30.8	03:00 26.5	07:00 4.9	00:00 0	09:00 5	09:00 49	11:00 113	08:00 156	08:00 35	06:00 2	07:00 1	00:00 0	00:00 0	00:00 0	00:00 0
PM Peak	16:00 469	23:00 27.6	23:00 23.0	16:00 4.7	15:00 1	15:00 11	15:00 58	15:00 153	16:00 216	18:00 47	22:00 4	12:00 0	12:00 0	16:00 2	12:00 0	12:00 0



Direction: Westbound

Hour Beginning	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5<10	Bin 3 10<15	Bin 4 15<20	Bin 5 20<25	Bin 6 25<30	Bin 7 30<35	Bin 8 35<40	Bin 9 40<45	Bin 10 45<50	Bin 11 50<55	Bin 12 >=55
00:00	4	30.2	25.0	5.0	0	0	0	1	0	3	0	0	0	0	0	0
01:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
02:00	3	28.8	25.8	2.9	0	0	0	0	1	2	0	0	0	0	0	0
03:00	4	31.7	27.5	4.1	0	0	0	0	1	2	1	0	0	0	0	0
04:00	5	37.7	26.5	10.8	0	0	1	0	1	2	0	0	1	0	0	0
05:00	26	30.3	24.8	5.3	0	1	0	2	9	11	3	0	0	0	0	0
06:00	82	29.5	25.5	3.9	0	0	0	8	24	43	7	0	0	0	0	0
07:00	260	28.2	23.4	4.5	0	0	10	37	123	77	11	1	1	0	0	0
08:00	424	27.3	22.7	4.5	0	9	14	55	229	107	10	0	0	0	0	0
09:00	317	26.0	21.6	4.2	0	3	17	73	166	55	3	0	0	0	0	0
10:00	313	26.1	22.2	3.7	0	0	7	71	176	53	6	0	0	0	0	0
11:00	315	26.2	21.5	4.5	0	4	14	79	170	46	0	0	0	2	0	0
12:00	291	26.2	21.9	4.1	0	3	14	54	167	49	4	0	0	0	0	0
13:00	301	26.2	22.5	3.6	0	0	6	55	177	59	4	0	0	0	0	0
14:00	301	25.5	21.8	3.6	0	0	8	77	167	48	1	0	0	0	0	0
15:00	303	25.4	21.7	3.6	0	5	5	62	195	36	0	0	0	0	0	0
16:00	358	26.2	22.0	4.0	0	2	14	83	179	80	0	0	0	0	0	0
17:00	388	26.2	21.1	4.9	1	16	19	88	199	62	2	0	1	0	0	0
18:00	269	26.1	21.9	4.1	1	1	12	55	150	48	2	0	0	0	0	0
19:00	153	27.6	23.3	4.1	1	0	1	27	69	53	2	0	0	0	0	0
20:00	99	27.1	23.0	4.0	0	0	2	19	48	28	2	0	0	0	0	0
21:00	83	27.2	23.5	3.6	0	0	1	9	49	21	3	0	0	0	0	0
22:00	57	28.7	23.9	4.6	0	0	2	8	23	20	4	0	0	0	0	0
23:00	38	28.4	23.6	4.7	0	0	2	4	19	10	3	0	0	0	0	0
Total																
2H(10-12)	628	26.1	21.8	4.2	0	4	21	150	346	99	6	0	0	2	0	0
2H(14-16)	604	25.4	21.7	3.6	0	5	13	139	362	84	1	0	0	0	0	0
12H(7-19)	3840	26.4	22.0	4.2	2	43	140	789	2098	720	43	1	2	2	0	0
24H(0-24)	4394	26.6	22.2	4.3	3	44	149	867	2342	915	68	1	3	2	0	0
AM Peak	08:00 424	04:00 37.7	03:00 27.5	04:00 10.8	00:00 0	08:00 9	09:00 17	11:00 79	08:00 229	08:00 107	07:00 11	07:00 1	04:00 1	11:00 2	00:00 0	00:00 0
PM Peak	17:00 388	22:00 28.7	22:00 23.9	17:00 4.9	17:00 1	17:00 16	17:00 19	17:00 88	17:00 199	16:00 80	12:00 4	12:00 0	17:00 1	12:00 0	12:00 0	12:00 0



Direction: Total Flow

Hour Beginning	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5<10	Bin 3 10<15	Bin 4 15<20	Bin 5 20<25	Bin 6 25<30	Bin 7 30<35	Bin 8 35<40	Bin 9 40<45	Bin 10 45<50	Bin 11 50<55	Bin 12 >=55
00:00	14	27.1	23.9	3.1	0	0	0	1	8	5	0	0	0	0	0	0
01:00	5	25.1	20.5	4.5	0	0	0	3	1	1	0	0	0	0	0	0
02:00	6	28.5	25.8	2.6	0	0	0	0	2	4	0	0	0	0	0	0
03:00	9	31.0	26.9	3.9	0	0	0	0	3	4	2	0	0	0	0	0
04:00	7	35.4	26.1	9.0	0	0	1	0	2	3	0	0	1	0	0	0
05:00	32	29.8	24.5	5.1	0	1	0	3	12	13	3	0	0	0	0	0
06:00	134	29.1	24.8	4.1	0	0	2	14	48	61	9	0	0	0	0	0
07:00	411	27.7	22.7	4.8	0	3	20	74	192	106	13	2	1	0	0	0
08:00	742	26.4	21.9	4.4	0	12	29	163	385	142	11	0	0	0	0	0
09:00	579	24.9	20.2	4.5	0	8	66	180	259	63	3	0	0	0	0	0
10:00	539	25.4	21.1	4.1	0	3	36	150	277	67	6	0	0	0	0	0
11:00	601	25.2	20.7	4.4	0	7	42	192	291	66	1	0	0	2	0	0
12:00	591	25.3	20.9	4.3	0	4	48	166	293	75	5	0	0	0	0	0
13:00	612	25.4	21.1	4.1	0	4	40	163	321	79	5	0	0	0	0	0
14:00	640	24.7	20.8	3.8	0	2	39	208	322	68	1	0	0	0	0	0
15:00	719	24.6	20.2	4.3	1	16	63	215	366	57	1	0	0	0	0	0
16:00	827	25.7	21.0	4.5	1	6	66	231	395	123	3	0	0	2	0	0
17:00	815	25.3	20.4	4.8	1	26	67	240	379	98	3	0	1	0	0	0
18:00	573	25.8	21.4	4.3	1	4	34	150	285	95	4	0	0	0	0	0
19:00	338	26.5	22.2	4.1	1	0	9	85	162	76	5	0	0	0	0	0
20:00	233	26.6	22.3	4.1	0	1	10	44	124	50	4	0	0	0	0	0
21:00	173	27.1	22.8	4.1	0	1	7	22	98	40	5	0	0	0	0	0
22:00	137	27.9	23.0	4.7	0	0	9	18	67	35	8	0	0	0	0	0
23:00	77	28.0	23.3	4.5	0	0	4	9	40	19	5	0	0	0	0	0
Total																
2H(10-12)	1140	25.3	20.9	4.3	0	10	78	342	568	133	7	0	0	2	0	0
2H(14-16)	1359	24.7	20.5	4.1	1	18	102	423	688	125	2	0	0	0	0	0
12H(7-19)	7649	25.5	21.0	4.4	4	95	550	2132	3765	1039	56	2	2	4	0	0
24H(0-24)	8814	25.8	21.2	4.5	5	98	592	2331	4332	1350	97	2	3	4	0	0
AM Peak	08:00 742	04:00 35.4	03:00 26.9	04:00 9.0	00:00 0	08:00 12	09:00 66	11:00 192	08:00 385	08:00 142	07:00 13	07:00 2	04:00 1	11:00 2	00:00 0	00:00 0
PM Peak	16:00 827	23:00 28.0	23:00 23.3	17:00 4.8	15:00 1	17:00 26	17:00 67	17:00 240	16:00 395	16:00 123	22:00 8	12:00 0	17:00 1	16:00 2	12:00 0	12:00 0



# North Wales ATC 1, A547 Abergele Road

Direction: Eastbound

07/05/2022

Hour Beginning	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5<10	Bin 3 10<15	Bin 4 15<20	Bin 5 20<25	Bin 6 25<30	Bin 7 30<35	Bin 8 35<40	Bin 9 40<45	Bin 10 45<50	Bin 11 50<55	Bin 12 >=55
00:00	29	29.4	25.1	4.1	0	0	1	0	14	11	3	0	0	0	0	0
01:00	16	29.9	23.1	6.6	0	1	1	1	7	4	2	0	0	0	0	0
02:00	6	30.8	27.5	3.2	0	0	0	0	1	4	1	0	0	0	0	0
03:00	3	32.2	29.2	2.9	0	0	0	0	0	2	1	0	0	0	0	0
04:00	6	28.4	24.2	4.1	0	0	0	1	2	3	0	0	0	0	0	0
05:00	7	33.5	27.5	5.8	0	0	0	0	3	2	1	1	0	0	0	0
06:00	24	28.3	23.3	4.8	0	0	1	5	8	9	1	0	0	0	0	0
07:00	54	27.7	21.9	5.7	0	0	8	10	20	14	1	1	0	0	0	0
08:00	105	27.2	21.5	5.6	0	2	13	23	38	25	4	0	0	0	0	0
09:00	163	25.0	20.9	4.0	0	2	9	48	85	19	0	0	0	0	0	0
10:00	228	24.4	20.3	3.9	0	1	20	75	113	19	0	0	0	0	0	0
11:00	287	23.6	18.4	5.0	1	18	46	97	113	11	1	0	0	0	0	0
12:00	322	24.2	19.8	4.3	0	7	33	110	151	20	1	0	0	0	0	0
13:00	348	24.0	19.4	4.4	0	3	54	124	142	23	1	1	0	0	0	0
14:00	394	23.9	19.3	4.4	0	11	52	136	175	19	0	1	0	0	0	0
15:00	302	24.6	20.6	3.9	1	3	17	95	161	25	0	0	0	0	0	0
16:00	347	24.9	20.7	4.1	1	3	23	102	184	33	1	0	0	0	0	0
17:00	306	26.3	21.3	4.8	0	4	33	51	169	42	6	1	0	0	0	0
18:00	240	25.2	20.6	4.4	0	2	24	73	106	35	0	0	0	0	0	0
19:00	169	25.3	20.6	4.5	0	3	16	46	81	23	0	0	0	0	0	0
20:00	150	24.9	20.2	4.5	0	4	12	49	69	15	1	0	0	0	0	0
21:00	72	25.5	21.5	3.8	0	0	4	17	40	11	0	0	0	0	0	0
22:00	78	26.8	21.8	4.8	0	1	6	17	34	19	1	0	0	0	0	0
23:00	41	27.3	22.6	4.5	0	0	0	10	23	7	0	0	1	0	0	0
Total																
2H(10-12)	515	24.1	19.3	4.6	1	19	66	172	226	30	1	0	0	0	0	0
2H(14-16)	696	24.3	19.9	4.3	1	14	69	231	336	44	0	1	0	0	0	0
12H(7-19)	3096	24.8	20.1	4.5	3	56	332	944	1457	285	15	4	0	0	0	0
24H(0-24)	3697	25.1	20.4	4.6	3	65	373	1090	1739	395	26	5	1	0	0	0
AM Peak	11:00 287	05:00 33.5	03:00 29.2	01:00 6.6	11:00 1	11:00 18	11:00 46	11:00 97	10:00 113	08:00 25	08:00 4	05:00 1	00:00 0	00:00 0	00:00 0	00:00 0
PM Peak	14:00 394	23:00 27.3	23:00 22.6	22:00 4.8	15:00 1	14:00 11	13:00 54	14:00 136	16:00 184	17:00 42	17:00 6	13:00 1	23:00 1	12:00 0	12:00 0	12:00 0



Direction: Westbound

Hour Beginning	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5<10	Bin 3 10<15	Bin 4 15<20	Bin 5 20<25	Bin 6 25<30	Bin 7 30<35	Bin 8 35<40	Bin 9 40<45	Bin 10 45<50	Bin 11 50<55	Bin 12 >=55
00:00	12	28.5	25.0	3.4	0	0	0	0	7	4	1	0	0	0	0	0
01:00	16	30.6	24.4	6.0	0	0	2	1	4	7	2	0	0	0	0	0
02:00	7	30.4	25.4	4.9	0	0	0	1	2	3	1	0	0	0	0	0
03:00	1	-	27.5	-	0	0	0	0	0	1	0	0	0	0	0	0
04:00	7	26.2	19.6	6.4	0	1	0	2	3	1	0	0	0	0	0	0
05:00	16	29.5	25.3	4.1	0	0	0	2	4	9	1	0	0	0	0	0
06:00	33	30.3	24.8	5.3	0	0	2	3	10	15	2	1	0	0	0	0
07:00	89	28.6	23.6	4.9	0	1	2	15	37	27	7	0	0	0	0	0
08:00	198	27.9	23.8	3.9	0	1	2	22	100	67	5	1	0	0	0	0
09:00	272	26.1	21.9	4.1	1	0	14	55	155	42	5	0	0	0	0	0
10:00	346	25.5	21.4	4.0	0	1	21	86	187	49	2	0	0	0	0	0
11:00	386	25.7	22.2	3.4	0	2	6	73	242	62	1	0	0	0	0	0
12:00	329	26.1	22.0	4.0	0	2	12	75	174	63	3	0	0	0	0	0
13:00	385	25.4	21.0	4.3	0	7	18	115	189	54	2	0	0	0	0	0
14:00	296	26.4	22.2	4.1	1	1	11	55	168	56	4	0	0	0	0	0
15:00	293	26.8	22.8	3.9	0	1	4	48	172	58	9	1	0	0	0	0
16:00	255	27.3	23.4	3.7	0	0	4	33	137	76	4	1	0	0	0	0
17:00	229	27.8	23.8	3.9	0	0	3	28	114	75	9	0	0	0	0	0
18:00	225	26.3	22.4	3.7	0	2	4	40	130	48	1	0	0	0	0	0
19:00	164	28.3	23.8	4.4	0	0	3	23	79	49	9	0	1	0	0	0
20:00	106	28.0	23.5	4.3	0	0	3	15	51	31	6	0	0	0	0	0
21:00	58	27.5	23.4	4.0	0	0	0	12	26	18	2	0	0	0	0	0
22:00	69	27.0	23.3	3.6	0	0	1	8	41	17	2	0	0	0	0	0
23:00	33	27.0	24.5	2.5	0	0	0	0	20	13	0	0	0	0	0	0
Total																
2H(10-12)	732	25.6	21.8	3.7	0	3	27	159	429	111	3	0	0	0	0	0
2H(14-16)	589	26.6	22.5	4.0	1	2	15	103	340	114	13	1	0	0	0	0
12H(7-19)	3303	26.5	22.3	4.0	2	18	101	645	1805	677	52	3	0	0	0	0
24H(0-24)	3825	26.8	22.5	4.1	2	19	112	712	2052	845	78	4	1	0	0	0
AM Peak	11:00 386	01:00 30.6	03:00 27.5	04:00 6.4	09:00 1	11:00 2	10:00 21	10:00 86	11:00 242	08:00 67	07:00 7	06:00 1	00:00 0	00:00 0	00:00 0	00:00 0
PM Peak	13:00 385	19:00 28.3	23:00 24.5	19:00 4.4	14:00 1	13:00 7	13:00 18	13:00 115	13:00 189	16:00 76	15:00 9	15:00 1	19:00 1	12:00 0	12:00 0	12:00 0



Direction: Total Flow

Hour Beginning	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5<10	Bin 3 10<15	Bin 4 15<20	Bin 5 20<25	Bin 6 25<30	Bin 7 30<35	Bin 8 35<40	Bin 9 40<45	Bin 10 45<50	Bin 11 50<55	Bin 12 >=55
00:00	41	29.1	25.1	3.9	0	0	1	0	21	15	4	0	0	0	0	0
01:00	32	30.2	23.8	6.2	0	1	3	2	11	11	4	0	0	0	0	0
02:00	13	30.7	26.3	4.2	0	0	0	1	3	7	2	0	0	0	0	0
03:00	4	31.3	28.8	2.5	0	0	0	0	0	3	1	0	0	0	0	0
04:00	13	27.7	21.7	5.7	0	1	0	3	5	4	0	0	0	0	0	0
05:00	23	30.8	26.0	4.6	0	0	0	2	7	11	2	1	0	0	0	0
06:00	57	29.5	24.2	5.1	0	0	3	8	18	24	3	1	0	0	0	0
07:00	143	28.3	22.9	5.2	0	1	10	25	57	41	8	1	0	0	0	0
08:00	303	27.8	23.0	4.7	0	3	15	45	138	92	9	1	0	0	0	0
09:00	435	25.7	21.5	4.1	1	2	23	103	240	61	5	0	0	0	0	0
10:00	574	25.1	21.0	4.0	0	2	41	161	300	68	2	0	0	0	0	0
11:00	673	25.3	20.6	4.5	1	20	52	170	355	73	2	0	0	0	0	0
12:00	651	25.3	20.9	4.3	0	9	45	185	325	83	4	0	0	0	0	0
13:00	733	24.8	20.3	4.4	0	10	72	239	331	77	3	1	0	0	0	0
14:00	690	25.2	20.5	4.5	1	12	63	191	343	75	4	1	0	0	0	0
15:00	595	25.9	21.7	4.1	1	4	21	143	333	83	9	1	0	0	0	0
16:00	602	26.1	21.8	4.1	1	3	27	135	321	109	5	1	0	0	0	0
17:00	535	27.1	22.4	4.6	0	4	36	79	283	117	15	1	0	0	0	0
18:00	465	25.8	21.5	4.2	0	4	28	113	236	83	1	0	0	0	0	0
19:00	333	27.1	22.2	4.7	0	3	19	69	160	72	9	0	1	0	0	0
20:00	256	26.5	21.6	4.7	0	4	15	64	120	46	7	0	0	0	0	0
21:00	130	26.5	22.3	4.0	0	0	4	29	66	29	2	0	0	0	0	0
22:00	147	27.0	22.5	4.3	0	1	7	25	75	36	3	0	0	0	0	0
23:00	74	27.4	23.4	3.9	0	0	0	10	43	20	0	0	1	0	0	0
Total																
2H(10-12)	1247	25.2	20.7	4.3	1	22	93	331	655	141	4	0	0	0	0	0
2H(14-16)	1285	25.6	21.1	4.3	2	16	84	334	676	158	13	2	0	0	0	0
12H(7-19)	6399	25.8	21.3	4.4	5	74	433	1589	3262	962	67	7	0	0	0	0
24H(0-24)	7522	26.1	21.5	4.5	5	84	485	1802	3791	1240	104	9	2	0	0	0
AM Peak	11:00 673	03:00 31.3	03:00 28.8	01:00 6.2	09:00 1	11:00 20	11:00 52	11:00 170	11:00 355	08:00 92	08:00 9	05:00 1	00:00 0	00:00 0	00:00 0	00:00 0
PM Peak	13:00 733	23:00 27.4	23:00 23.4	19:00 4.7	14:00 1	14:00 12	13:00 72	13:00 239	14:00 343	17:00 117	17:00 15	13:00 1	19:00 1	12:00 0	12:00 0	12:00 0



# North Wales ATC 1, A547 Abergele Road

Direction: Eastbound

08/05/2022

Hour Beginning	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5<10	Bin 3 10<15	Bin 4 15<20	Bin 5 20<25	Bin 6 25<30	Bin 7 30<35	Bin 8 35<40	Bin 9 40<45	Bin 10 45<50	Bin 11 50<55	Bin 12 >=55
00:00	26	28.1	23.7	4.3	0	0	2	1	12	11	0	0	0	0	0	0
01:00	9	32.1	26.4	5.5	0	0	0	1	3	2	3	0	0	0	0	0
02:00	5	25.8	23.5	2.2	0	0	0	0	4	1	0	0	0	0	0	0
03:00	6	32.1	25.0	6.9	0	0	1	0	1	3	1	0	0	0	0	0
04:00	7	27.8	23.9	3.8	0	0	0	1	3	3	0	0	0	0	0	0
05:00	4	30.2	25.0	5.0	0	0	0	0	3	0	1	0	0	0	0	0
06:00	13	28.3	22.9	5.2	0	0	1	3	3	6	0	0	0	0	0	0
07:00	42	26.6	21.2	5.2	0	0	8	5	19	10	0	0	0	0	0	0
08:00	52	26.0	21.4	4.4	0	0	5	11	26	10	0	0	0	0	0	0
09:00	116	24.6	20.0	4.3	0	2	12	38	53	11	0	0	0	0	0	0
10:00	180	24.3	19.7	4.5	0	3	24	58	81	13	1	0	0	0	0	0
11:00	249	23.0	18.3	4.6	0	12	44	94	91	8	0	0	0	0	0	0
12:00	306	23.0	18.3	4.6	0	8	66	120	96	15	1	0	0	0	0	0
13:00	269	24.2	19.5	4.5	0	6	34	96	111	21	1	0	0	0	0	0
14:00	264	24.7	20.2	4.3	1	1	22	102	108	28	2	0	0	0	0	0
15:00	315	24.6	20.3	4.1	0	3	20	122	140	26	4	0	0	0	0	0
16:00	278	25.4	20.0	5.2	1	3	37	91	113	32	0	0	0	0	0	1
17:00	232	25.3	21.1	4.1	0	0	19	61	121	30	1	0	0	0	0	0
18:00	156	25.9	21.3	4.5	0	0	16	33	86	17	3	1	0	0	0	0
19:00	120	26.9	22.7	4.1	0	0	6	16	70	24	4	0	0	0	0	0
20:00	118	26.1	21.8	4.1	0	1	4	29	64	17	3	0	0	0	0	0
21:00	69	27.8	23.2	4.5	0	0	3	11	33	18	4	0	0	0	0	0
22:00	54	27.3	23.0	4.2	0	0	3	5	32	12	2	0	0	0	0	0
23:00	25	29.4	23.7	5.5	0	1	1	1	12	8	2	0	0	0	0	0
Total																
2H(10-12)	429	23.6	18.9	4.6	0	15	68	152	172	21	1	0	0	0	0	0
2H(14-16)	579	24.6	20.3	4.2	1	4	42	224	248	54	6	0	0	0	0	0
12H(7-19)	2459	24.6	19.8	4.6	2	38	307	831	1045	221	13	1	0	0	0	1
24H(0-24)	2915	25.2	20.3	4.7	2	40	328	899	1285	326	33	1	0	0	0	1
AM Peak	11:00 249	03:00 32.1	01:00 26.4	03:00 6.9	00:00 0	11:00 12	11:00 44	11:00 94	11:00 91	10:00 13	01:00 3	00:00 0	00:00 0	00:00 0	00:00 0	00:00 0
PM Peak	15:00 315	23:00 29.4	23:00 23.7	23:00 5.5	14:00 1	12:00 8	12:00 66	15:00 122	15:00 140	16:00 32	15:00 4	18:00 1	12:00 0	12:00 0	12:00 0	16:00 1



Direction: Westbound

Hour Beginning	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5<10	Bin 3 10<15	Bin 4 15<20	Bin 5 20<25	Bin 6 25<30	Bin 7 30<35	Bin 8 35<40	Bin 9 40<45	Bin 10 45<50	Bin 11 50<55	Bin 12 >=55
00:00	23	28.8	24.0	4.6	0	0	2	1	8	12	0	0	0	0	0	0
01:00	9	29.1	23.1	5.8	0	0	1	2	1	5	0	0	0	0	0	0
02:00	6	25.8	22.5	3.2	0	0	0	1	4	1	0	0	0	0	0	0
03:00	5	31.2	27.5	3.5	0	0	0	0	1	3	1	0	0	0	0	0
04:00	6	33.2	27.5	5.5	0	0	0	0	2	3	0	1	0	0	0	0
05:00	6	30.6	26.7	3.8	0	0	0	0	2	3	1	0	0	0	0	0
06:00	27	29.3	25.5	3.7	0	0	0	2	9	14	2	0	0	0	0	0
07:00	50	29.0	23.9	5.0	0	0	4	4	19	20	3	0	0	0	0	0
08:00	86	28.4	23.8	4.5	0	1	1	9	46	23	5	1	0	0	0	0
09:00	206	26.9	22.8	4.0	0	0	8	33	107	55	3	0	0	0	0	0
10:00	293	26.3	22.1	4.1	0	3	8	63	160	54	5	0	0	0	0	0
11:00	328	26.0	21.7	4.2	0	7	11	65	189	54	2	0	0	0	0	0
12:00	314	26.1	22.0	4.0	1	2	15	51	191	51	3	0	0	0	0	0
13:00	312	26.1	21.7	4.2	1	1	18	64	172	53	3	0	0	0	0	0
14:00	317	26.3	22.0	4.1	0	6	12	49	190	58	2	0	0	0	0	0
15:00	242	26.2	22.6	3.5	0	1	2	40	154	41	3	1	0	0	0	0
16:00	215	26.7	23.0	3.6	0	0	7	24	127	56	1	0	0	0	0	0
17:00	165	27.2	23.0	4.0	0	0	4	23	97	34	6	1	0	0	0	0
18:00	166	27.6	23.9	3.6	0	0	1	17	87	56	5	0	0	0	0	0
19:00	115	27.8	23.8	3.8	0	0	1	16	53	42	3	0	0	0	0	0
20:00	80	28.4	23.9	4.3	0	0	1	10	42	19	8	0	0	0	0	0
21:00	61	27.7	23.9	3.7	0	0	0	8	30	21	2	0	0	0	0	0
22:00	40	27.9	22.9	4.9	0	0	0	11	20	5	3	1	0	0	0	0
23:00	20	27.8	23.8	3.9	0	0	0	3	10	6	1	0	0	0	0	0
Total																
2H(10-12)	621	26.2	21.9	4.1	0	10	19	128	349	108	7	0	0	0	0	0
2H(14-16)	559	26.3	22.3	3.9	0	7	14	89	344	99	5	1	0	0	0	0
12H(7-19)	2694	26.6	22.4	4.1	2	21	91	442	1539	555	41	3	0	0	0	0
24H(0-24)	3092	26.9	22.6	4.1	2	21	96	496	1721	689	62	5	0	0	0	0
AM Peak	11:00 328	04:00 33.2	03:00 27.5	01:00 5.8	00:00 0	11:00 7	11:00 11	11:00 65	11:00 189	09:00 55	08:00 5	04:00 1	00:00 0	00:00 0	00:00 0	00:00 0
PM Peak	14:00 317	20:00 28.4	20:00 23.9	22:00 4.9	12:00 1	14:00 6	13:00 18	13:00 64	12:00 191	14:00 58	20:00 8	15:00 1	12:00 0	12:00 0	12:00 0	12:00 0



Direction: Total Flow

Hour Beginning	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5<10	Bin 3 10<15	Bin 4 15<20	Bin 5 20<25	Bin 6 25<30	Bin 7 30<35	Bin 8 35<40	Bin 9 40<45	Bin 10 45<50	Bin 11 50<55	Bin 12 >=55
00:00	49	28.4	23.8	4.4	0	0	4	2	20	23	0	0	0	0	0	0
01:00	18	30.7	24.7	5.7	0	0	1	3	4	7	3	0	0	0	0	0
02:00	11	25.7	23.0	2.7	0	0	0	1	8	2	0	0	0	0	0	0
03:00	11	31.9	26.1	5.5	0	0	1	0	2	6	2	0	0	0	0	0
04:00	13	30.6	25.6	4.8	0	0	0	1	5	6	0	1	0	0	0	0
05:00	10	30.3	26.0	4.1	0	0	0	0	5	3	2	0	0	0	0	0
06:00	40	29.2	24.6	4.4	0	0	1	5	12	20	2	0	0	0	0	0
07:00	92	28.1	22.7	5.2	0	0	12	9	38	30	3	0	0	0	0	0
08:00	138	27.6	22.9	4.6	0	1	6	20	72	33	5	1	0	0	0	0
09:00	322	26.3	21.8	4.3	0	2	20	71	160	66	3	0	0	0	0	0
10:00	473	25.7	21.2	4.4	0	6	32	121	241	67	6	0	0	0	0	0
11:00	577	25.1	20.2	4.7	0	19	55	159	280	62	2	0	0	0	0	0
12:00	620	25.0	20.1	4.7	1	10	81	171	287	66	4	0	0	0	0	0
13:00	581	25.3	20.7	4.5	1	7	52	160	283	74	4	0	0	0	0	0
14:00	581	25.7	21.2	4.3	1	7	34	151	298	86	4	0	0	0	0	0
15:00	557	25.5	21.3	4.0	0	4	22	162	294	67	7	1	0	0	0	0
16:00	493	26.3	21.3	4.8	1	3	44	115	240	88	1	0	0	0	0	1
17:00	397	26.2	21.9	4.1	0	0	23	84	218	64	7	1	0	0	0	0
18:00	322	27.0	22.6	4.2	0	0	17	50	173	73	8	1	0	0	0	0
19:00	235	27.4	23.2	4.0	0	0	7	32	123	66	7	0	0	0	0	0
20:00	198	27.1	22.7	4.3	0	1	5	39	106	36	11	0	0	0	0	0
21:00	130	27.8	23.5	4.1	0	0	3	19	63	39	6	0	0	0	0	0
22:00	94	27.5	22.9	4.4	0	0	3	16	52	17	5	1	0	0	0	0
23:00	45	28.7	23.7	4.8	0	1	1	4	22	14	3	0	0	0	0	0
Total																
2H(10-12)	1050	25.4	20.7	4.6	0	25	87	280	521	129	8	0	0	0	0	0
2H(14-16)	1138	25.6	21.3	4.2	1	11	56	313	592	153	11	1	0	0	0	0
12H(7-19)	5153	25.9	21.2	4.5	4	59	398	1273	2584	776	54	4	0	0	0	1
24H(0-24)	6007	26.2	21.5	4.5	4	61	424	1395	3006	1015	95	6	0	0	0	1
AM Peak	11:00 577	03:00 31.9	03:00 26.1	01:00 5.7	00:00 0	11:00 19	11:00 55	11:00 159	11:00 280	10:00 67	10:00 6	04:00 1	00:00 0	00:00 0	00:00 0	00:00 0
PM Peak	12:00 620	23:00 28.7	23:00 23.7	16:00 4.8	12:00 1	12:00 10	12:00 81	12:00 171	14:00 298	16:00 88	20:00 11	15:00 1	12:00 0	12:00 0	12:00 0	16:00 1



# North Wales ATC 1, A547 Abergele Road

Direction: Eastbound

09/05/2022

Hour Beginning	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5<10	Bin 3 10<15	Bin 4 15<20	Bin 5 20<25	Bin 6 25<30	Bin 7 30<35	Bin 8 35<40	Bin 9 40<45	Bin 10 45<50	Bin 11 50<55	Bin 12 >=55
00:00	11	29.1	23.9	5.0	0	0	0	3	3	4	1	0	0	0	0	0
01:00	10	28.7	20.5	7.9	0	0	3	3	1	1	2	0	0	0	0	0
02:00	2	23.7	20.0	3.5	0	0	0	1	1	0	0	0	0	0	0	0
03:00	2	22.5	22.5	0.0	0	0	0	0	2	0	0	0	0	0	0	0
04:00	3	30.2	24.2	5.8	0	0	0	1	0	2	0	0	0	0	0	0
05:00	15	30.3	24.2	5.9	0	0	2	1	3	8	1	0	0	0	0	0
06:00	57	28.7	23.3	5.2	0	0	5	9	18	22	3	0	0	0	0	0
07:00	172	26.6	22.3	4.1	0	0	7	34	96	32	2	0	1	0	0	0
08:00	339	24.8	20.5	4.2	0	6	24	101	178	29	0	1	0	0	0	0
09:00	238	25.2	21.0	4.0	0	2	15	63	132	25	0	1	0	0	0	0
10:00	232	24.3	20.1	4.1	0	1	19	91	102	16	3	0	0	0	0	0
11:00	245	23.9	19.9	3.9	0	1	19	106	100	18	1	0	0	0	0	0
12:00	277	24.1	19.9	4.0	0	3	25	105	123	21	0	0	0	0	0	0
13:00	281	24.2	20.3	3.7	0	2	17	102	139	21	0	0	0	0	0	0
14:00	270	24.4	20.4	3.8	0	0	23	87	139	20	1	0	0	0	0	0
15:00	390	25.1	21.2	3.7	1	0	17	106	221	44	1	0	0	0	0	0
16:00	428	23.3	18.8	4.3	1	10	63	171	166	17	0	0	0	0	0	0
17:00	410	23.6	18.8	4.6	1	13	60	170	140	24	2	0	0	0	0	0
18:00	233	24.4	20.5	3.8	0	1	17	76	121	18	0	0	0	0	0	0
19:00	149	25.9	21.5	4.2	0	2	11	26	88	21	1	0	0	0	0	0
20:00	125	27.1	22.6	4.3	0	0	5	25	61	30	4	0	0	0	0	0
21:00	72	26.3	22.1	4.1	0	0	4	14	39	14	1	0	0	0	0	0
22:00	45	27.6	23.3	4.1	0	0	1	7	23	12	2	0	0	0	0	0
23:00	16	26.2	22.2	3.9	0	0	0	5	7	4	0	0	0	0	0	0
Total																
2H(10-12)	477	24.1	20.0	4.0	0	2	38	197	202	34	4	0	0	0	0	0
2H(14-16)	660	24.8	20.9	3.8	1	0	40	193	360	64	2	0	0	0	0	0
12H(7-19)	3515	24.5	20.2	4.2	3	39	306	1212	1657	285	10	2	1	0	0	0
24H(0-24)	4022	24.9	20.4	4.3	3	41	337	1307	1903	403	25	2	1	0	0	0
AM Peak	08:00 339	05:00 30.3	04:00 24.2	01:00 7.9	00:00 0	08:00 6	08:00 24	11:00 106	08:00 178	07:00 32	06:00 3	08:00 1	07:00 1	00:00 0	00:00 0	00:00 0
PM Peak	16:00 428	22:00 27.6	22:00 23.3	17:00 4.6	15:00 1	17:00 13	16:00 63	16:00 171	15:00 221	15:00 44	20:00 4	12:00 0	12:00 0	12:00 0	12:00 0	12:00 0



Direction: Westbound

Hour Beginning	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5<10	Bin 3 10<15	Bin 4 15<20	Bin 5 20<25	Bin 6 25<30	Bin 7 30<35	Bin 8 35<40	Bin 9 40<45	Bin 10 45<50	Bin 11 50<55	Bin 12 >=55
00:00	10	26.5	22.0	4.4	0	0	0	4	3	3	0	0	0	0	0	0
01:00	10	28.1	24.5	3.5	0	0	0	1	4	5	0	0	0	0	0	0
02:00	2	29.8	22.5	7.1	0	0	0	1	0	1	0	0	0	0	0	0
03:00	5	35.0	26.5	8.2	0	0	0	2	0	0	3	0	0	0	0	0
04:00	13	32.1	26.0	5.9	0	0	0	3	1	7	1	1	0	0	0	0
05:00	24	31.2	26.7	4.3	0	0	0	2	5	12	5	0	0	0	0	0
06:00	78	28.3	24.6	3.6	0	0	0	10	27	40	1	0	0	0	0	0
07:00	250	28.2	23.9	4.1	0	0	8	25	113	95	9	0	0	0	0	0
08:00	448	26.4	21.9	4.4	0	10	15	88	250	80	3	2	0	0	0	0
09:00	314	26.1	22.1	3.9	1	1	12	48	201	47	3	1	0	0	0	0
10:00	291	25.5	21.7	3.7	0	0	11	74	159	46	1	0	0	0	0	0
11:00	297	25.7	21.9	3.7	0	2	8	60	181	45	0	1	0	0	0	0
12:00	326	25.7	21.7	3.9	0	4	17	57	201	46	1	0	0	0	0	0
13:00	308	25.8	22.4	3.3	0	0	4	54	198	49	3	0	0	0	0	0
14:00	344	25.9	22.2	3.5	0	1	9	58	219	53	4	0	0	0	0	0
15:00	296	26.6	22.6	3.9	0	1	9	49	165	68	4	0	0	0	0	0
16:00	302	26.3	22.9	3.2	0	0	1	46	182	72	1	0	0	0	0	0
17:00	300	26.6	22.7	3.7	0	2	8	39	177	73	1	0	0	0	0	0
18:00	217	27.6	23.2	4.2	0	0	8	30	108	65	5	1	0	0	0	0
19:00	152	27.9	24.0	3.7	0	0	1	15	79	51	5	1	0	0	0	0
20:00	102	27.9	23.8	4.0	0	0	1	15	48	33	5	0	0	0	0	0
21:00	72	27.9	24.0	3.7	0	0	0	10	32	28	2	0	0	0	0	0
22:00	31	28.8	24.4	4.2	0	0	1	2	14	12	2	0	0	0	0	0
23:00	19	26.7	23.8	2.8	0	0	0	1	12	6	0	0	0	0	0	0
Total																
2H(10-12)	588	25.6	21.8	3.7	0	2	19	134	340	91	1	1	0	0	0	0
2H(14-16)	640	26.2	22.4	3.7	0	2	18	107	384	121	8	0	0	0	0	0
12H(7-19)	3693	26.4	22.4	3.9	1	21	110	628	2154	739	35	5	0	0	0	0
24H(0-24)	4211	26.7	22.6	3.9	1	21	113	694	2379	937	59	7	0	0	0	0
AM Peak	08:00 448	03:00 35.0	05:00 26.7	03:00 8.2	09:00 1	08:00 10	08:00 15	08:00 88	08:00 250	07:00 95	07:00 9	08:00 2	00:00 0	00:00 0	00:00 0	00:00 0
PM Peak	14:00 344	22:00 28.8	22:00 24.4	22:00 4.2	12:00 0	12:00 4	12:00 17	14:00 58	14:00 219	17:00 73	18:00 5	18:00 1	12:00 0	12:00 0	12:00 0	12:00 0



Direction: Total Flow

Hour Beginning	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5<10	Bin 3 10<15	Bin 4 15<20	Bin 5 20<25	Bin 6 25<30	Bin 7 30<35	Bin 8 35<40	Bin 9 40<45	Bin 10 45<50	Bin 11 50<55	Bin 12 >=55
00:00	21	27.9	23.0	4.7	0	0	0	7	6	7	1	0	0	0	0	0
01:00	20	29.0	22.5	6.3	0	0	3	4	5	6	2	0	0	0	0	0
02:00	4	26.2	21.3	4.8	0	0	0	2	1	1	0	0	0	0	0	0
03:00	7	32.6	25.4	7.0	0	0	0	2	2	0	3	0	0	0	0	0
04:00	16	31.6	25.6	5.7	0	0	0	4	1	9	1	1	0	0	0	0
05:00	39	31.0	25.7	5.1	0	0	2	3	8	20	6	0	0	0	0	0
06:00	135	28.6	24.0	4.4	0	0	5	19	45	62	4	0	0	0	0	0
07:00	422	27.6	23.3	4.2	0	0	15	59	209	127	11	0	1	0	0	0
08:00	787	25.8	21.3	4.3	0	16	39	189	428	109	3	3	0	0	0	0
09:00	552	25.8	21.6	4.0	1	3	27	111	333	72	3	2	0	0	0	0
10:00	523	25.1	21.0	3.9	0	1	30	165	261	62	4	0	0	0	0	0
11:00	542	25.1	21.0	3.9	0	3	27	166	281	63	1	1	0	0	0	0
12:00	603	25.1	20.9	4.1	0	7	42	162	324	67	1	0	0	0	0	0
13:00	589	25.2	21.4	3.6	0	2	21	156	337	70	3	0	0	0	0	0
14:00	614	25.4	21.4	3.8	0	1	32	145	358	73	5	0	0	0	0	0
15:00	686	25.8	21.8	3.8	1	1	26	155	386	112	5	0	0	0	0	0
16:00	730	25.1	20.5	4.4	1	10	64	217	348	89	1	0	0	0	0	0
17:00	710	25.3	20.5	4.7	1	15	68	209	317	97	3	0	0	0	0	0
18:00	450	26.2	21.8	4.2	0	1	25	106	229	83	5	1	0	0	0	0
19:00	301	27.1	22.8	4.2	0	2	12	41	167	72	6	1	0	0	0	0
20:00	227	27.5	23.1	4.2	0	0	6	40	109	63	9	0	0	0	0	0
21:00	144	27.2	23.1	4.0	0	0	4	24	71	42	3	0	0	0	0	0
22:00	76	28.1	23.8	4.2	0	0	2	9	37	24	4	0	0	0	0	0
23:00	35	26.6	23.1	3.4	0	0	0	6	19	10	0	0	0	0	0	0
Total																
2H(10-12)	1065	25.1	21.0	3.9	0	4	57	331	542	125	5	1	0	0	0	0
2H(14-16)	1300	25.6	21.7	3.8	1	2	58	300	744	185	10	0	0	0	0	0
12H(7-19)	7208	25.6	21.3	4.2	4	60	416	1840	3811	1024	45	7	1	0	0	0
24H(0-24)	8233	25.9	21.6	4.2	4	62	450	2001	4282	1340	84	9	1	0	0	0
AM Peak	08:00 787	03:00 32.6	05:00 25.7	03:00 7.0	09:00 1	08:00 16	08:00 39	08:00 189	08:00 428	07:00 127	07:00 11	08:00 3	07:00 1	00:00 0	00:00 0	00:00 0
PM Peak	16:00 730	22:00 28.1	22:00 23.8	17:00 4.7	15:00 1	17:00 15	17:00 68	16:00 217	15:00 386	15:00 112	20:00 9	18:00 1	12:00 0	12:00 0	12:00 0	12:00 0



# North Wales ATC 1, A547 Abergele Road

Direction: Eastbound

10/05/2022

Hour Beginning	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5<10	Bin 3 10<15	Bin 4 15<20	Bin 5 20<25	Bin 6 25<30	Bin 7 30<35	Bin 8 35<40	Bin 9 40<45	Bin 10 45<50	Bin 11 50<55	Bin 12 >=55
00:00	5	28.3	25.5	2.7	0	0	0	0	2	3	0	0	0	0	0	0
01:00	1	-	22.5	-	0	0	0	0	1	0	0	0	0	0	0	0
02:00	1	-	22.5	-	0	0	0	0	1	0	0	0	0	0	0	0
03:00	3	27.5	27.5	0.0	0	0	0	0	0	3	0	0	0	0	0	0
04:00	5	30.1	25.5	4.5	0	0	0	1	0	4	0	0	0	0	0	0
05:00	9	31.5	24.2	7.1	0	0	1	2	1	3	2	0	0	0	0	0
06:00	63	28.2	23.5	4.5	0	0	3	5	35	18	0	2	0	0	0	0
07:00	177	25.1	19.9	5.1	0	7	20	52	81	15	0	2	0	0	0	0
08:00	337	25.1	21.1	3.9	0	1	22	94	176	44	0	0	0	0	0	0
09:00	238	25.2	21.0	4.1	0	0	21	61	125	30	1	0	0	0	0	0
10:00	217	24.6	20.1	4.3	0	2	23	72	101	17	2	0	0	0	0	0
11:00	248	24.6	20.3	4.2	0	3	23	78	121	23	0	0	0	0	0	0
12:00	283	24.6	20.5	3.9	0	1	22	90	144	26	0	0	0	0	0	0
13:00	264	24.8	20.9	3.8	0	0	17	80	138	29	0	0	0	0	0	0
14:00	274	24.5	20.3	4.0	1	2	22	88	139	22	0	0	0	0	0	0
15:00	377	24.0	20.1	3.8	0	0	35	140	176	26	0	0	0	0	0	0
16:00	434	23.0	18.9	3.9	0	7	59	183	174	11	0	0	0	0	0	0
17:00	472	23.7	18.7	4.8	3	13	76	194	149	35	1	1	0	0	0	0
18:00	277	25.0	20.6	4.3	0	4	21	84	137	29	2	0	0	0	0	0
19:00	186	26.2	21.1	4.9	1	1	17	50	82	30	5	0	0	0	0	0
20:00	130	27.0	22.4	4.4	0	0	8	22	68	29	2	1	0	0	0	0
21:00	102	25.7	21.2	4.4	0	1	9	22	55	14	1	0	0	0	0	0
22:00	48	26.6	22.1	4.4	0	0	3	9	27	7	2	0	0	0	0	0
23:00	24	27.3	23.1	4.0	0	0	0	5	12	6	1	0	0	0	0	0
Total																
2H(10-12)	465	24.6	20.2	4.2	0	5	46	150	222	40	2	0	0	0	0	0
2H(14-16)	651	24.2	20.2	3.9	1	2	57	228	315	48	0	0	0	0	0	0
12H(7-19)	3598	24.5	20.1	4.2	4	40	361	1216	1661	307	6	3	0	0	0	0
24H(0-24)	4175	24.9	20.3	4.4	5	42	402	1332	1945	424	19	6	0	0	0	0
AM Peak	08:00	05:00	03:00	05:00	00:00	07:00	10:00	08:00	08:00	08:00	05:00	06:00	00:00	00:00	00:00	00:00
	337	31.5	27.5	7.1	0	7	23	94	176	44	2	2	0	0	0	0
PM Peak	17:00	23:00	23:00	19:00	17:00	17:00	17:00	17:00	15:00	17:00	19:00	17:00	12:00	12:00	12:00	12:00
	472	27.3	23.1	4.9	3	13	76	194	176	35	5	1	0	0	0	0



Direction: Westbound

Hour Beginning	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5<10	Bin 3 10<15	Bin 4 15<20	Bin 5 20<25	Bin 6 25<30	Bin 7 30<35	Bin 8 35<40	Bin 9 40<45	Bin 10 45<50	Bin 11 50<55	Bin 12 >=55
00:00	7	31.4	26.8	4.5	0	0	0	1	0	5	1	0	0	0	0	0
01:00	3	27.2	24.2	2.9	0	0	0	0	2	1	0	0	0	0	0	0
02:00	2	17.5	17.5	0.0	0	0	0	2	0	0	0	0	0	0	0	0
03:00	1	-	27.5	-	0	0	0	0	0	1	0	0	0	0	0	0
04:00	9	29.3	24.2	5.0	0	0	0	2	3	3	1	0	0	0	0	0
05:00	24	30.9	27.5	3.3	0	0	0	0	5	14	5	0	0	0	0	0
06:00	84	30.3	25.7	4.4	0	0	2	8	17	48	9	0	0	0	0	0
07:00	271	27.5	22.8	4.5	0	2	8	54	122	76	9	0	0	0	0	0
08:00	462	26.3	22.2	4.0	1	4	11	89	265	87	5	0	0	0	0	0
09:00	328	26.8	23.0	3.6	0	1	5	47	186	85	4	0	0	0	0	0
10:00	310	27.0	22.3	4.6	0	1	7	64	188	45	2	0	0	0	3	0
11:00	340	25.7	21.5	4.0	0	1	20	78	188	50	3	0	0	0	0	0
12:00	289	26.0	22.2	3.7	0	2	9	51	173	53	1	0	0	0	0	0
13:00	289	26.3	22.9	3.2	0	1	2	36	182	67	1	0	0	0	0	0
14:00	306	28.0	22.8	5.0	0	0	12	50	173	61	8	0	0	0	0	2
15:00	282	27.7	22.6	5.0	0	1	8	49	173	40	9	0	0	0	0	2
16:00	324	26.2	22.0	4.0	0	1	9	86	158	66	4	0	0	0	0	0
17:00	335	27.7	22.2	5.3	0	6	14	69	171	68	5	0	0	0	0	2
18:00	211	27.6	23.3	4.1	0	2	5	25	108	66	5	0	0	0	0	0
19:00	161	28.0	23.8	4.1	0	0	1	25	73	55	6	1	0	0	0	0
20:00	90	27.7	23.2	4.4	0	0	4	13	44	25	4	0	0	0	0	0
21:00	72	27.2	23.3	3.8	0	0	1	12	35	23	1	0	0	0	0	0
22:00	41	29.4	24.5	4.7	0	0	1	5	17	13	5	0	0	0	0	0
23:00	19	30.1	25.1	4.8	0	0	0	2	8	7	1	1	0	0	0	0
Total																
2H(10-12)	650	26.4	21.9	4.3	0	2	27	142	376	95	5	0	0	0	3	0
2H(14-16)	588	27.9	22.7	5.0	0	1	20	99	346	101	17	0	0	0	0	4
12H(7-19)	3747	26.9	22.4	4.3	1	22	110	698	2087	764	56	0	0	0	3	6
24H(0-24)	4260	27.2	22.7	4.4	1	22	119	768	2291	959	89	2	0	0	3	6
AM Peak	08:00 462	00:00 31.4	03:00 27.5	04:00 5.0	08:00 1	08:00 4	11:00 20	08:00 89	08:00 265	08:00 87	06:00 9	00:00 0	00:00 0	00:00 0	10:00 3	00:00 0
PM Peak	17:00 335	23:00 30.1	23:00 25.1	17:00 5.3	12:00 0	17:00 6	17:00 14	16:00 86	13:00 182	17:00 68	15:00 9	19:00 1	12:00 0	12:00 0	12:00 0	14:00 2



Direction: Total Flow

Hour Beginning	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5<10	Bin 3 10<15	Bin 4 15<20	Bin 5 20<25	Bin 6 25<30	Bin 7 30<35	Bin 8 35<40	Bin 9 40<45	Bin 10 45<50	Bin 11 50<55	Bin 12 >=55
00:00	12	30.2	26.3	3.8	0	0	0	1	2	8	1	0	0	0	0	0
01:00	4	26.3	23.8	2.5	0	0	0	0	3	1	0	0	0	0	0	0
02:00	3	22.2	19.2	2.9	0	0	0	2	1	0	0	0	0	0	0	0
03:00	4	27.5	27.5	0.0	0	0	0	0	0	4	0	0	0	0	0	0
04:00	14	29.5	24.6	4.7	0	0	0	3	3	7	1	0	0	0	0	0
05:00	33	31.5	26.6	4.8	0	0	1	2	6	17	7	0	0	0	0	0
06:00	147	29.5	24.8	4.6	0	0	5	13	52	66	9	2	0	0	0	0
07:00	448	26.8	21.7	4.9	0	9	28	106	203	91	9	2	0	0	0	0
08:00	799	25.8	21.7	4.0	1	5	33	183	441	131	5	0	0	0	0	0
09:00	566	26.3	22.2	4.0	0	1	26	108	311	115	5	0	0	0	0	0
10:00	527	26.1	21.4	4.6	0	3	30	136	289	62	4	0	0	0	3	0
11:00	588	25.3	21.0	4.1	0	4	43	156	309	73	3	0	0	0	0	0
12:00	572	25.4	21.4	3.9	0	3	31	141	317	79	1	0	0	0	0	0
13:00	553	25.8	22.0	3.7	0	1	19	116	320	96	1	0	0	0	0	0
14:00	580	26.5	21.6	4.7	1	2	34	138	312	83	8	0	0	0	0	2
15:00	659	25.8	21.1	4.5	0	1	43	189	349	66	9	0	0	0	0	2
16:00	758	24.6	20.2	4.3	0	8	68	269	332	77	4	0	0	0	0	0
17:00	807	25.7	20.2	5.3	3	19	90	263	320	103	6	1	0	0	0	2
18:00	488	26.4	21.8	4.4	0	6	26	109	245	95	7	0	0	0	0	0
19:00	347	27.3	22.4	4.7	1	1	18	75	155	85	11	1	0	0	0	0
20:00	220	27.3	22.7	4.4	0	0	12	35	112	54	6	1	0	0	0	0
21:00	174	26.5	22.0	4.3	0	1	10	34	90	37	2	0	0	0	0	0
22:00	89	28.0	23.2	4.7	0	0	4	14	44	20	7	0	0	0	0	0
23:00	43	28.6	24.0	4.4	0	0	0	7	20	13	2	1	0	0	0	0
Total																
2H(10-12)	1115	25.7	21.2	4.3	0	7	73	292	598	135	7	0	0	0	3	0
2H(14-16)	1239	26.2	21.4	4.6	1	3	77	327	661	149	17	0	0	0	0	4
12H(7-19)	7345	25.9	21.3	4.4	5	62	471	1914	3748	1071	62	3	0	0	3	6
24H(0-24)	8435	26.2	21.5	4.5	6	64	521	2100	4236	1383	108	8	0	0	3	6
AM Peak	08:00 799	05:00 31.5	03:00 27.5	07:00 4.9	08:00 1	07:00 9	11:00 43	08:00 183	08:00 441	08:00 131	06:00 9	06:00 2	00:00 0	00:00 0	10:00 3	00:00 0
PM Peak	17:00 807	23:00 28.6	23:00 24.0	17:00 5.3	17:00 3	17:00 19	17:00 90	16:00 269	15:00 349	17:00 103	19:00 11	17:00 1	12:00 0	12:00 0	12:00 0	14:00 2



# North Wales ATC 1, A547 Abergele Road

Direction: Eastbound

11/05/2022

Hour Beginning	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5<10	Bin 3 10<15	Bin 4 15<20	Bin 5 20<25	Bin 6 25<30	Bin 7 30<35	Bin 8 35<40	Bin 9 40<45	Bin 10 45<50	Bin 11 50<55	Bin 12 >=55
00:00	12	29.5	25.4	4.0	0	0	0	1	4	6	1	0	0	0	0	0
01:00	2	27.5	27.5	0.0	0	0	0	0	0	2	0	0	0	0	0	0
02:00	1	-	22.5	-	0	0	0	0	1	0	0	0	0	0	0	0
03:00	8	29.5	25.6	3.7	0	0	0	1	1	6	0	0	0	0	0	0
04:00	2	34.8	27.5	7.1	0	0	0	0	1	0	1	0	0	0	0	0
05:00	9	27.6	21.4	6.0	0	0	2	1	3	3	0	0	0	0	0	0
06:00	61	27.8	22.2	5.4	0	3	3	8	30	15	2	0	0	0	0	0
07:00	180	25.3	20.9	4.2	0	2	12	50	93	22	1	0	0	0	0	0
08:00	359	24.4	19.9	4.4	0	8	42	104	180	25	0	0	0	0	0	0
09:00	240	23.9	19.6	4.2	0	1	31	91	100	16	1	0	0	0	0	0
10:00	281	24.4	20.0	4.2	0	3	27	107	116	27	1	0	0	0	0	0
11:00	254	23.8	19.0	4.6	0	8	37	98	92	19	0	0	0	0	0	0
12:00	304	29.9	24.9	4.8	1	3	11	22	84	162	21	0	0	0	0	0
13:00	260	26.2	20.8	5.2	0	5	31	71	100	46	7	0	0	0	0	0
14:00	321	26.9	20.6	6.0	3	10	52	60	120	68	7	1	0	0	0	0
15:00	375	28.7	22.9	5.6	1	7	34	48	137	128	19	1	0	0	0	0
16:00	456	26.7	20.3	6.2	2	13	81	121	136	82	17	3	1	0	0	0
17:00	416	26.9	20.9	5.7	0	11	58	99	147	87	11	3	0	0	0	0
18:00	213	25.8	21.5	4.1	0	0	10	61	108	30	3	1	0	0	0	0
19:00	153	26.3	21.9	4.2	0	0	12	24	88	27	2	0	0	0	0	0
20:00	220	26.8	21.7	4.9	0	4	16	45	111	35	9	0	0	0	0	0
21:00	129	27.0	22.4	4.4	0	2	7	15	77	24	4	0	0	0	0	0
22:00	87	27.4	23.2	4.0	0	0	2	14	44	24	3	0	0	0	0	0
23:00	51	27.4	22.7	4.6	0	0	2	11	24	11	3	0	0	0	0	0
Total																
2H(10-12)	535	24.1	19.5	4.4	0	11	64	205	208	46	1	0	0	0	0	0
2H(14-16)	696	28.0	21.8	5.9	4	17	86	108	257	196	26	2	0	0	0	0
12H(7-19)	3659	26.5	21.0	5.4	7	71	426	932	1413	712	88	9	1	0	0	0
24H(0-24)	4394	26.7	21.2	5.3	7	80	470	1052	1797	865	113	9	1	0	0	0
AM Peak	08:00 359	04:00 34.8	01:00 27.5	04:00 7.1	00:00 0	08:00 8	08:00 42	10:00 107	08:00 180	10:00 27	06:00 2	00:00 0	00:00 0	00:00 0	00:00 0	00:00 0
PM Peak	16:00 456	12:00 29.9	12:00 24.9	16:00 6.2	14:00 3	16:00 13	16:00 81	16:00 121	17:00 147	12:00 162	12:00 21	16:00 3	16:00 1	12:00 0	12:00 0	12:00 0



Direction: Westbound

Hour Beginning	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5<10	Bin 3 10<15	Bin 4 15<20	Bin 5 20<25	Bin 6 25<30	Bin 7 30<35	Bin 8 35<40	Bin 9 40<45	Bin 10 45<50	Bin 11 50<55	Bin 12 >=55
00:00	3	41.2	27.5	13.2	0	0	0	1	1	0	0	0	1	0	0	0
01:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
02:00	1	-	22.5	-	0	0	0	0	1	0	0	0	0	0	0	0
03:00	3	27.5	27.5	0.0	0	0	0	0	0	3	0	0	0	0	0	0
04:00	10	29.9	27.0	2.8	0	0	0	0	2	7	1	0	0	0	0	0
05:00	29	28.0	23.5	4.3	0	0	0	7	10	11	1	0	0	0	0	0
06:00	88	29.2	24.8	4.2	0	0	1	11	28	42	6	0	0	0	0	0
07:00	245	26.9	23.0	3.8	0	0	5	39	132	65	4	0	0	0	0	0
08:00	428	26.3	21.8	4.4	0	2	29	94	214	85	2	2	0	0	0	0
09:00	305	27.8	22.6	5.0	0	3	12	45	179	59	4	0	0	0	3	0
10:00	278	25.8	21.9	3.7	0	2	10	50	173	41	2	0	0	0	0	0
11:00	315	25.6	21.0	4.4	1	4	29	64	173	44	0	0	0	0	0	0
12:00	264	29.4	25.3	4.0	0	0	0	21	101	118	21	3	0	0	0	0
13:00	286	29.5	25.5	3.8	1	0	0	13	106	143	21	2	0	0	0	0
14:00	301	29.1	25.4	3.6	0	0	2	7	132	136	22	2	0	0	0	0
15:00	285	29.6	25.4	4.0	0	1	3	18	96	144	22	1	0	0	0	0
16:00	320	30.0	25.2	4.6	1	1	8	22	100	162	22	4	0	0	0	0
17:00	298	30.5	26.3	4.0	0	0	1	9	98	147	40	0	3	0	0	0
18:00	183	28.2	23.5	4.5	0	1	3	31	81	57	9	1	0	0	0	0
19:00	156	27.1	23.4	3.6	0	0	3	15	93	41	4	0	0	0	0	0
20:00	197	27.5	23.5	3.8	0	0	2	28	104	55	8	0	0	0	0	0
21:00	109	28.2	23.5	4.5	0	2	3	9	56	36	2	1	0	0	0	0
22:00	110	28.7	25.0	3.6	0	0	0	7	49	48	5	1	0	0	0	0
23:00	41	27.8	24.1	3.6	0	0	0	5	19	16	1	0	0	0	0	0
Total																
2H(10-12)	593	25.7	21.4	4.1	1	6	39	114	346	85	2	0	0	0	0	0
2H(14-16)	586	29.3	25.4	3.8	0	1	5	25	228	280	44	3	0	0	0	0
12H(7-19)	3508	28.6	23.8	4.6	3	14	102	413	1585	1201	169	15	3	0	3	0
24H(0-24)	4255	28.5	23.9	4.5	3	16	111	496	1948	1460	197	17	4	0	3	0
AM Peak	08:00 428	00:00 41.2	00:00 27.5	00:00 13.2	11:00 1	11:00 4	08:00 29	08:00 94	08:00 214	08:00 85	06:00 6	08:00 2	00:00 1	00:00 0	09:00 3	00:00 0
PM Peak	16:00 320	17:00 30.5	17:00 26.3	16:00 4.6	13:00 1	21:00 2	16:00 8	18:00 31	14:00 132	16:00 162	17:00 40	16:00 4	17:00 3	12:00 0	12:00 0	12:00 0



Direction: Total Flow

Hour Beginning	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5<10	Bin 3 10<15	Bin 4 15<20	Bin 5 20<25	Bin 6 25<30	Bin 7 30<35	Bin 8 35<40	Bin 9 40<45	Bin 10 45<50	Bin 11 50<55	Bin 12 >=55
00:00	15	32.2	25.8	6.2	0	0	0	2	5	6	1	0	1	0	0	0
01:00	2	27.5	27.5	0.0	0	0	0	0	0	2	0	0	0	0	0	0
02:00	2	22.5	22.5	0.0	0	0	0	0	2	0	0	0	0	0	0	0
03:00	11	29.5	26.1	3.2	0	0	0	1	1	9	0	0	0	0	0	0
04:00	12	30.5	27.1	3.3	0	0	0	0	3	7	2	0	0	0	0	0
05:00	38	28.0	23.0	4.8	0	0	2	8	13	14	1	0	0	0	0	0
06:00	149	28.8	23.7	4.9	0	3	4	19	58	57	8	0	0	0	0	0
07:00	425	26.3	22.1	4.1	0	2	17	89	225	87	5	0	0	0	0	0
08:00	787	25.5	20.9	4.5	0	10	71	198	394	110	2	2	0	0	0	0
09:00	545	26.3	21.3	4.9	0	4	43	136	279	75	5	0	0	0	3	0
10:00	559	25.2	21.0	4.1	0	5	37	157	289	68	3	0	0	0	0	0
11:00	569	24.9	20.1	4.6	1	12	66	162	265	63	0	0	0	0	0	0
12:00	568	29.7	25.1	4.5	1	3	11	43	185	280	42	3	0	0	0	0
13:00	546	28.6	23.3	5.1	1	5	31	84	206	189	28	2	0	0	0	0
14:00	622	28.7	22.9	5.5	3	10	54	67	252	204	29	3	0	0	0	0
15:00	660	29.3	24.0	5.2	1	8	37	66	233	272	41	2	0	0	0	0
16:00	776	28.6	22.3	6.1	3	14	89	143	236	244	39	7	1	0	0	0
17:00	714	29.1	23.2	5.7	0	11	59	108	245	234	51	3	3	0	0	0
18:00	396	27.0	22.4	4.4	0	1	13	92	189	87	12	2	0	0	0	0
19:00	309	26.8	22.7	3.9	0	0	15	39	181	68	6	0	0	0	0	0
20:00	417	27.2	22.5	4.5	0	4	18	73	215	90	17	0	0	0	0	0
21:00	238	27.6	22.9	4.5	0	4	10	24	133	60	6	1	0	0	0	0
22:00	197	28.2	24.2	3.9	0	0	2	21	93	72	8	1	0	0	0	0
23:00	92	27.7	23.3	4.2	0	0	2	16	43	27	4	0	0	0	0	0
Total																
2H(10-12)	1128	25.1	20.5	4.4	1	17	103	319	554	131	3	0	0	0	0	0
2H(14-16)	1282	29.0	23.5	5.4	4	18	91	133	485	476	70	5	0	0	0	0
12H(7-19)	7167	27.8	22.4	5.2	10	85	528	1345	2998	1913	257	24	4	0	3	0
24H(0-24)	8649	27.8	22.5	5.1	10	96	581	1548	3745	2325	310	26	5	0	3	0
AM Peak	08:00 787	00:00 32.2	01:00 27.5	00:00 6.2	11:00 1	11:00 12	08:00 71	08:00 198	08:00 394	08:00 110	06:00 8	08:00 2	00:00 1	00:00 0	09:00 3	00:00 0
PM Peak	16:00 776	12:00 29.7	12:00 25.1	16:00 6.1	14:00 3	16:00 14	16:00 89	16:00 143	14:00 252	12:00 280	17:00 51	16:00 7	17:00 3	12:00 0	12:00 0	12:00 0



North Wales ATC 5, A547

Direction: Westbound

Hour Beginning	Thu 28/04/2022	Fri 29/04/2022	Sat 30/04/2022	Sun 01/05/2022	Mon 02/05/2022	Tue 03/05/2022	Wed 04/05/2022	5-Day Ave.	7-Day Ave.
00:00	31	6	12	12	10	6	5	12	12
01:00	10	2	7	13	1	2	1	3	5
02:00	1	1	1	4	3	1	1	1	2
03:00	2	3	3	2	1	1	2	2	2
04:00	3	2	5	1	3	4	3	3	3
05:00	14	17	10	3	10	14	13	14	12
06:00	50	51	18	11	23	52	54	46	37
07:00	160	145	54	28	52	177	171	141	112
08:00	292	296	162	58	85	282	296	250	210
09:00	199	231	265	125	140	207	220	199	198
10:00	223	239	307	209	183	230	203	216	228
11:00	252	286	326	260	271	277	237	265	273
12:00	249	284	327	283	272	271	249	265	276
13:00	229	256	291	284	261	227	234	241	255
14:00	267	312	295	282	243	276	288	277	280
15:00	258	303	270	257	251	250	260	264	264
16:00	288	430	258	193	200	267	275	292	273
17:00	265	445	244	155	217	302	341	314	281
18:00	202	262	195	121	167	224	179	207	193
19:00	159	167	141	105	97	141	144	142	136
20:00	98	138	110	74	59	84	83	92	92
21:00	78	105	74	46	46	83	59	74	70
22:00	35	45	48	24	26	41	53	40	39
23:00	14	19	20	20	19	13	5	14	16
Total									
12H(7-19)	2885	3489	2994	2255	2342	2990	2953	2932	2844
18H(6-22)	3270	3950	3337	2491	2567	3350	3293	3286	3180
18H(6-24)	3319	4014	3405	2525	2612	3404	3351	3340	3234
24H(0-24)	3380	4045	3443	2570	2640	3432	3376	3375	3269
AM Peak	08:00	08:00	11:00	11:00	11:00	08:00	08:00	11:00	11:00
	292	296	326	260	271	282	296	265	279
PM Peak	16:00	17:00	12:00	13:00	12:00	17:00	17:00	17:00	17:00
	288	445	327	284	272	302	341	314	281

360 TSL Ltd

Direction: Eastbound

Hour Beginning	Thu 28/04/2022	Fri 29/04/2022	Sat 30/04/2022	Sun 01/05/2022	Mon 02/05/2022	Tue 03/05/2022	Wed 04/05/2022	5-Day Ave.	7-Day Ave.
00:00	18	3	16	13	9	5	5	8	10
01:00	5	1	11	7	4	3	2	3	5
02:00	6	0	7	4	5	3	0	3	4
03:00	4	1	4	3	3	1	3	2	3
04:00	3	1	2	3	4	5	2	3	3
05:00	7	11	7	6	11	11	12	10	9
06:00	38	32	18	10	18	35	28	30	26
07:00	122	136	58	29	39	129	141	113	93
08:00	211	227	104	42	70	272	264	209	170
09:00	209	218	187	103	132	226	235	204	187
10:00	197	238	262	152	191	241	213	216	213
11:00	230	243	247	218	253	232	215	235	234
12:00	249	286	256	244	254	234	214	247	248
13:00	267	260	264	247	232	259	206	245	248
14:00	244	263	278	248	258	260	260	257	259
15:00	338	320	300	217	288	294	297	307	296
16:00	350	326	274	245	380	335	347	348	322
17:00	311	304	267	197	386	311	296	322	296
18:00	200	177	184	149	204	199	185	193	185
19:00	160	143	153	112	127	160	155	149	144
20:00	106	112	105	85	94	92	95	100	98
21:00	75	85	76	51	49	87	65	72	70
22:00	43	52	52	43	21	41	45	40	42
23:00	17	30	29	20	14	24	24	22	23
Total									
12H(7-19)	2928	2998	2681	2111	2687	2993	2873	2896	2753
18H(6-22)	3307	3370	3033	2389	2975	3367	3216	3247	3091
18H(6-24)	3367	3452	3114	2432	3010	3432	3285	3309	3156
24H(0-24)	3410	3469	3161	2468	3046	3460	3309	3339	3189
AM Peak	11:00	11:00	10:00	11:00	11:00	08:00	08:00	11:00	11:00
	239	243	262	218	253	272	264	235	234
PM Peak	16:00	16:00	15:00	14:00	17:00	16:00	16:00	16:00	16:00
	350	326	300	248	386	335	347	348	322

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Thu 28/04/2022	Fri 29/04/2022	Sat 30/04/2022	Sun 01/05/2022	Mon 02/05/2022	Tue 03/05/2022	Wed 04/05/2022	5-Day Ave.	7-Day Ave.
00:00	49	9	28	25	19	11	10	20	22
01:00	15	3	18	20	5	5	3	5	10
02:00	7	1	8	8	8	4	1	4	5
03:00	6	4	7	5	4	2	5	4	5
04:00	6	3	7	4	7	9	5	6	6
05:00	21	28	17	9	21	25	25	24	21
06:00	88	83	36	21	41	87	82	76	63
07:00	282	281	112	57	91	306	312	254	206
08:00	503	523	266	100	155	554	560	459	380
09:00	408	449	452	228	272	433	455	403	385
10:00	420	477	569	361	374	471	416	432	441
11:00	482	529	573	478	534	510	452	500	507
12:00	498	570	583	527	526	505	463	512	525
13:00	496	516	555	531	493	486	440	486	502
14:00	511	575	573	530	501	536	548	534	539
15:00	596	623	570	494	539	544	557	572	560
16:00	638	756	532	438	580	602	622	640	595
17:00	576	749	511	352	603	613	637	636	577
18:00	402	439	379	270	371	423	364	400	378
19:00	319	310	294	217	224	301	299	291	281
20:00	204	250	215	159	153	176	178	192	191
21:00	153	190	150	97	95	170	124	146	140
22:00	78	97	100	67	47	82	98	80	81
23:00	31	49	49	40	33	37	29	36	38
Total									
12H(7-19)	5813	6487	5675	4366	5029	5983	5826	5828	5597
18H(6-22)	6577	7320	6370	4860	5542	6717	6009	6533	6271
18H(6-24)	6686	7466	6519	4967	5622	6836	6636	6649	6390
24H(0-24)	6790	7514	6604	5038	5686	6892	6685	6713	6458
AM Peak	08:00	11:00	11:00	11:00	11:00	08:00	08:00	11:00	11:00
	503	529	573	478	534	554	560	500	507
PM Peak	16:00	16:00	12:00	13:00	17:00	17:00	17:00	16:00	16:00
	638	756	583	531	603	613	637	640	595

360 TSL Ltd



Two-way 756  
One-way westbound 445  
Two-way eastbound 386



North Wales ATC 5, A547

Direction: Westbound

	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 28 Apr 2022	3380	2870	402	7	101
Fri 29 Apr 2022	4045	3484	454	6	101
Sat 30 Apr 2022	3443	3076	280	5	82
Sun 1 May 2022	2570	2312	212	1	45
Mon 2 May 2022	2640	2389	203	4	44
Tue 3 May 2022	3432	2923	412	4	93
Wed 4 May 2022	3376	2857	426	2	91
5 Day Ave.	3375	2905	379	5	86
7 Day Ave.	3269	2844	341	4	80

Direction: Eastbound

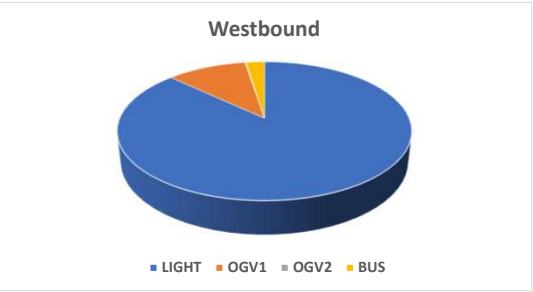
	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 28 Apr 2022	3410	2926	389	5	90
Fri 29 Apr 2022	3469	2968	408	9	84
Sat 30 Apr 2022	3161	2823	258	4	76
Sun 1 May 2022	2468	2223	195	3	47
Mon 2 May 2022	3046	2759	224	10	53
Tue 3 May 2022	3460	2926	443	6	85
Wed 4 May 2022	3309	2788	427	6	88
5 Day Ave.	3339	2873	378	7	80
7 Day Ave.	3189	2773	335	6	75

Direction: Total Flow

	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 28 Apr 2022	6790	5796	791	12	191
Fri 29 Apr 2022	7514	6452	862	15	185
Sat 30 Apr 2022	6604	5899	538	9	158
Sun 1 May 2022	5038	4535	407	4	92
Mon 2 May 2022	5686	5148	427	14	97
Tue 3 May 2022	6892	5849	855	10	178
Wed 4 May 2022	6685	5645	853	8	179
5 Day Ave.	6713	5778	758	12	166
7 Day Ave.	6458	5618	676	10	154

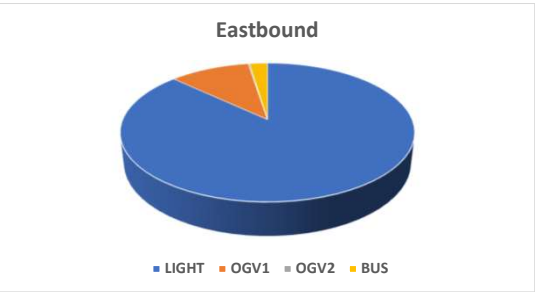
	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 28 Apr 2022	100.0%	84.9%	11.9%	0.2%	3.0%
Fri 29 Apr 2022	100.0%	86.1%	11.2%	0.1%	2.5%
Sat 30 Apr 2022	100.0%	89.3%	8.1%	0.1%	2.4%
Sun 1 May 2022	100.0%	90.0%	8.2%	0.0%	1.8%
Mon 2 May 2022	100.0%	90.5%	7.7%	0.2%	1.7%
Tue 3 May 2022	100.0%	85.2%	12.0%	0.1%	2.7%
Wed 4 May 2022	100.0%	84.6%	12.6%	0.1%	2.7%
5 Day Ave.	100.0%	86.1%	11.2%	0.1%	2.5%
7 Day Ave.	100.0%	87.0%	10.4%	0.1%	2.4%

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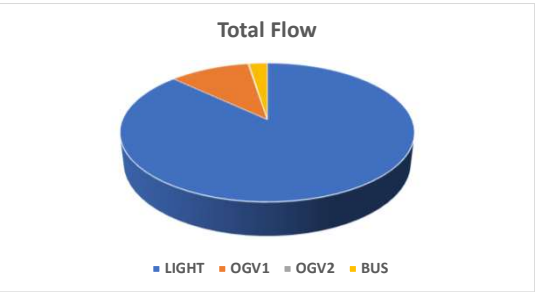
	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 28 Apr 2022	100.0%	85.8%	11.4%	0.1%	2.6%
Fri 29 Apr 2022	100.0%	85.6%	11.8%	0.3%	2.4%
Sat 30 Apr 2022	100.0%	89.3%	8.2%	0.1%	2.4%
Sun 1 May 2022	100.0%	90.1%	7.9%	0.1%	1.9%
Mon 2 May 2022	100.0%	90.6%	7.4%	0.3%	1.7%
Tue 3 May 2022	100.0%	84.6%	12.8%	0.2%	2.5%
Wed 4 May 2022	100.0%	84.3%	12.9%	0.2%	2.7%
5 Day Ave.	100.0%	86.1%	11.3%	0.2%	2.4%
7 Day Ave.	100.0%	87.0%	10.5%	0.2%	2.3%

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	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 28 Apr 2022	100.0%	85.4%	11.6%	0.2%	2.8%
Fri 29 Apr 2022	100.0%	85.9%	11.5%	0.2%	2.5%
Sat 30 Apr 2022	100.0%	89.3%	8.1%	0.1%	2.4%
Sun 1 May 2022	100.0%	90.0%	8.1%	0.1%	1.8%
Mon 2 May 2022	100.0%	90.5%	7.5%	0.2%	1.7%
Tue 3 May 2022	100.0%	84.9%	12.4%	0.1%	2.6%
Wed 4 May 2022	100.0%	84.4%	12.8%	0.1%	2.7%
5 Day Ave.	100.0%	86.1%	11.3%	0.2%	2.5%
7 Day Ave.	100.0%	87.0%	10.5%	0.2%	2.4%

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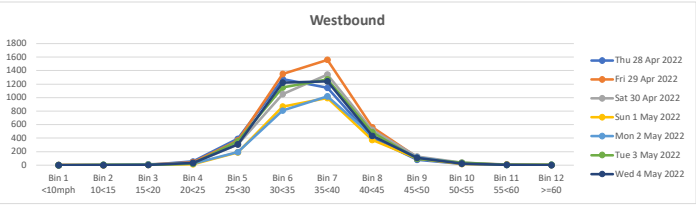


North Wales ATC 5, A547

Direction: Westbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<15	Bin 3 15<20	Bin 4 20<25	Bin 5 25<30	Bin 6 30<35	Bin 7 35<40	Bin 8 40<45	Bin 9 45<50	Bin 10 50<55	Bin 11 55<60	Bin 12 >=60
Thu 28 Apr 2022	3380	40.6	35.1	5.3	0	3	5	54	391	1273	1144	403	80	18	5	4
Fri 29 Apr 2022	4045	41.3	35.8	5.3	2	2	9	42	366	1350	1560	561	115	26	9	3
Sat 30 Apr 2022	3443	42.0	36.3	5.5	0	0	12	30	308	1051	1340	520	130	39	11	2
Sun 1 May 2022	2570	41.7	36.3	5.2	0	0	4	15	189	867	993	374	98	19	9	2
Mon 2 May 2022	2640	42.3	36.5	5.6	0	5	11	22	191	808	1016	435	114	28	6	4
Tue 3 May 2022	3432	41.4	35.8	5.4	0	5	7	24	353	1149	1270	487	93	36	3	5
Wed 4 May 2022	3376	41.0	35.7	5.1	0	0	3	35	307	1222	1239	433	108	24	4	1
5 Day Ave.	3375	41.3	35.8	5.3	0	3	7	35	322	1160	1246	464	102	26	5	3
7 Day Ave.	3269	41.5	35.9	5.4	0	2	7	32	301	1103	1223	459	105	27	7	3

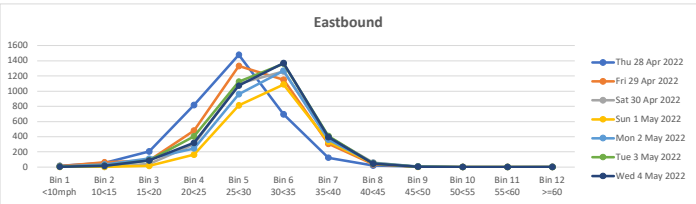
360 TSL Ltd



Direction: Eastbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<15	Bin 3 15<20	Bin 4 20<25	Bin 5 25<30	Bin 6 30<35	Bin 7 35<40	Bin 8 40<45	Bin 9 45<50	Bin 10 50<55	Bin 11 55<60	Bin 12 >=60
Thu 28 Apr 2022	3410	32.4	26.9	5.3	15	53	204	816	1480	694	123	18	5	0	0	2
Fri 29 Apr 2022	3469	34.6	29.0	5.4	12	61	85	481	1331	1151	305	38	4	1	0	0
Sat 30 Apr 2022	3161	35.3	30.4	4.7	0	2	40	300	1100	1260	398	57	4	0	0	0
Sun 1 May 2022	2468	35.6	31.0	4.5	0	2	17	163	814	1088	331	50	3	0	0	0
Mon 2 May 2022	3046	35.7	30.1	5.4	7	34	111	244	960	1270	361	53	6	0	0	0
Tue 3 May 2022	3460	35.2	29.9	5.1	7	16	89	405	1125	1362	408	44	4	0	0	0
Wed 4 May 2022	3309	35.4	30.2	5.0	4	15	85	318	1072	1369	396	45	4	1	0	0
5 Day Ave.	3339	34.7	29.2	5.3	9	36	115	453	1194	1169	319	40	5	0	0	0
7 Day Ave.	3189	34.9	29.6	5.1	6	26	90	390	1126	1171	332	44	4	0	0	0

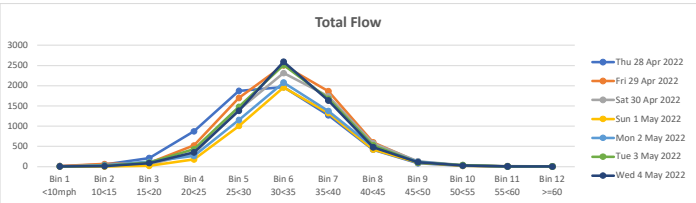
360 TSL Ltd



Direction: Total Flow

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<15	Bin 3 15<20	Bin 4 20<25	Bin 5 25<30	Bin 6 30<35	Bin 7 35<40	Bin 8 40<45	Bin 9 45<50	Bin 10 50<55	Bin 11 55<60	Bin 12 >=60
Thu 28 Apr 2022	6790	38.0	31.0	6.7	15	56	209	870	1871	1967	1267	421	85	18	5	6
Fri 29 Apr 2022	7514	39.2	32.7	6.3	14	63	94	523	1697	2501	1865	599	119	27	9	3
Sat 30 Apr 2022	6604	39.6	33.5	5.9	0	2	52	330	1408	2311	1738	577	134	39	11	2
Sun 1 May 2022	5038	39.4	33.7	5.5	0	2	21	178	1003	1955	1324	424	101	19	9	2
Mon 2 May 2022	5686	39.7	33.1	6.4	7	39	122	266	1151	2078	1377	488	120	28	6	4
Tue 3 May 2022	6892	39.1	32.8	6.0	7	21	96	429	1478	2511	1678	531	97	36	3	5
Wed 4 May 2022	6685	39.0	33.0	5.8	4	15	88	353	1379	2591	1635	478	112	25	4	1
5 Day Ave.	6713	39.0	32.5	6.3	9	39	122	488	1515	2330	1564	503	107	27	5	4
7 Day Ave.	6458	39.1	32.8	6.1	7	28	97	421	1427	2273	1555	503	110	27	7	3

360 TSL Ltd





## North Wales ATC 5, A547

Direction: Westbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<15	Bin 3 15<20	Bin 4 20<25	Bin 5 25<30	Bin 6 30<35	Bin 7 35<40	Bin 8 40<45	Bin 9 45<50	Bin 10 50<55	Bin 11 55<60	Bin 12 >=60
Thu 28 Apr 2022	476	39.1	34.2	4.7	0	0	0	10	63	213	142	39	9	0	0	0
Fri 29 Apr 2022	525	39.0	34.1	4.7	0	0	2	5	76	235	161	39	4	2	1	0
Sat 30 Apr 2022	633	41.0	35.4	5.4	0	0	4	6	79	197	246	80	17	1	3	0
Sun 1 May 2022	469	40.8	35.8	4.8	0	0	1	2	36	162	199	55	11	2	0	1
Mon 2 May 2022	454	41.5	36.0	5.4	0	1	2	8	34	144	177	69	17	2	0	0
Tue 3 May 2022	507	39.5	34.7	4.6	0	0	0	3	65	209	181	39	7	2	1	0
Wed 4 May 2022	440	38.9	34.3	4.5	0	0	1	5	53	209	129	37	6	0	0	0
5 Day Ave.	480	39.6	34.7	4.8	0	0	1	6	58	202	158	45	9	1	0	0
7 Day Ave.	501	40.0	34.9	4.9	0	0	1	6	58	196	176	51	10	1	1	0

360 TSL Ltd

Direction: Eastbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<15	Bin 3 15<20	Bin 4 20<25	Bin 5 25<30	Bin 6 30<35	Bin 7 35<40	Bin 8 40<45	Bin 9 45<50	Bin 10 50<55	Bin 11 55<60	Bin 12 >=60
Thu 28 Apr 2022	427	30.5	26.0	4.4	0	1	32	139	187	60	8	0	0	0	0	0
Fri 29 Apr 2022	481	31.8	27.7	3.9	0	1	9	89	267	101	13	1	0	0	0	0
Sat 30 Apr 2022	509	34.9	30.3	4.4	0	1	5	43	181	221	52	5	1	0	0	0
Sun 1 May 2022	370	34.5	30.0	4.4	0	0	7	29	151	141	41	1	0	0	0	0
Mon 2 May 2022	444	35.3	30.6	4.5	0	4	3	27	152	206	44	8	0	0	0	0
Tue 3 May 2022	474	33.9	28.6	5.1	4	4	17	60	194	166	27	2	0	0	0	0
Wed 4 May 2022	428	33.9	28.8	4.9	0	2	22	54	162	161	26	1	0	0	0	0
5 Day Ave.	451	33.1	28.3	4.6	1	2	17	74	192	139	24	2	0	0	0	0
7 Day Ave.	448	33.5	28.9	4.5	1	2	14	63	185	151	30	3	0	0	0	0

360 TSL Ltd

Direction: Total Flow



	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<15	Bin 3 15<20	Bin 4 20<25	Bin 5 25<30	Bin 6 30<35	Bin 7 35<40	Bin 8 40<45	Bin 9 45<50	Bin 10 50<55	Bin 11 55<60	Bin 12 >=60
Thu 28 Apr 2022	903	36.7	30.3	6.2	0	1	32	149	250	273	150	39	9	0	0	0
Fri 29 Apr 2022	1006	36.7	31.1	5.4	0	1	11	94	343	336	174	40	4	2	1	0
Sat 30 Apr 2022	1142	39.0	33.2	5.6	0	1	9	49	260	418	298	85	18	1	3	0
Sun 1 May 2022	839	38.9	33.3	5.5	0	0	8	31	187	303	240	56	11	2	0	1
Mon 2 May 2022	898	39.1	33.3	5.6	0	5	5	35	186	350	221	77	17	2	0	0
Tue 3 May 2022	981	37.7	31.7	5.7	4	4	17	63	259	375	208	41	7	2	1	0
Wed 4 May 2022	868	37.2	31.6	5.4	0	2	23	59	215	370	155	38	6	0	0	0
5 Day Ave.	931	37.5	31.6	5.7	1	3	18	80	251	341	182	47	9	1	0	0
7 Day Ave.	948	37.9	32.1	5.6	1	2	15	69	243	346	207	54	10	1	1	0

360 TSL Ltd



## North Wales ATC 5, A547

Direction: Westbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<15	Bin 3 15<20	Bin 4 20<25	Bin 5 25<30	Bin 6 30<35	Bin 7 35<40	Bin 8 40<45	Bin 9 45<50	Bin 10 50<55	Bin 11 55<60	Bin 12 >=60
Thu 28 Apr 2022	525	38.7	34.0	4.6	0	0	0	8	80	238	154	37	8	0	0	0
Fri 29 Apr 2022	615	41.0	35.4	5.4	2	1	2	6	63	216	233	68	20	3	1	0
Sat 30 Apr 2022	565	41.2	36.1	5.0	0	0	0	1	45	197	221	80	15	3	3	0
Sun 1 May 2022	539	40.5	35.7	4.6	0	0	1	4	33	209	216	60	14	1	1	0
Mon 2 May 2022	494	41.4	36.4	4.8	0	0	0	2	29	169	195	80	16	2	1	0
Tue 3 May 2022	526	40.6	35.4	5.0	0	1	1	3	60	178	203	67	11	2	0	0
Wed 4 May 2022	548	39.8	35.0	4.6	0	0	0	1	69	209	211	45	9	4	0	0
5 Day Ave.	542	40.3	35.2	4.9	0	0	1	4	60	202	199	59	13	2	0	0
7 Day Ave.	545	40.5	35.4	4.9	0	0	1	4	54	202	205	62	13	2	1	0

360 TSL Ltd

Direction: Eastbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<15	Bin 3 15<20	Bin 4 20<25	Bin 5 25<30	Bin 6 30<35	Bin 7 35<40	Bin 8 40<45	Bin 9 45<50	Bin 10 50<55	Bin 11 55<60	Bin 12 >=60
Thu 28 Apr 2022	582	31.1	25.2	5.7	9	15	60	175	239	77	5	0	0	0	0	2
Fri 29 Apr 2022	583	35.2	29.6	5.4	1	11	14	65	185	247	50	10	0	0	0	0
Sat 30 Apr 2022	578	34.5	29.9	4.5	0	0	8	64	215	231	55	5	0	0	0	0
Sun 1 May 2022	485	35.1	30.9	4.0	0	0	1	22	176	221	59	5	1	0	0	0
Mon 2 May 2022	546	34.5	30.3	4.1	0	0	3	42	211	234	53	3	0	0	0	0
Tue 3 May 2022	554	33.4	27.8	5.4	1	5	42	107	191	176	30	2	0	0	0	0
Wed 4 May 2022	557	34.8	29.5	5.1	3	6	14	54	207	215	54	4	0	0	0	0
5 Day Ave.	564	33.8	28.5	5.1	3	7	27	89	207	190	38	4	0	0	0	0
7 Day Ave.	555	34.1	29.0	4.9	2	5	20	76	203	200	44	4	0	0	0	0

360 TSL Ltd

Direction: Total Flow



	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<15	Bin 3 15<20	Bin 4 20<25	Bin 5 25<30	Bin 6 30<35	Bin 7 35<40	Bin 8 40<45	Bin 9 45<50	Bin 10 50<55	Bin 11 55<60	Bin 12 ≥60
Thu 28 Apr 2022	1107	36.4	29.3	6.8	9	15	60	183	319	315	159	37	8	0	0	2
Fri 29 Apr 2022	1198	38.9	32.6	6.1	3	12	16	71	248	463	283	78	20	3	1	0
Sat 30 Apr 2022	1143	38.8	33.0	5.6	0	0	8	65	260	428	276	85	15	3	3	0
Sun 1 May 2022	1024	38.6	33.4	5.0	0	0	2	26	209	430	275	65	15	1	1	0
Mon 2 May 2022	1040	38.7	33.2	5.4	0	0	3	44	240	403	248	83	16	2	1	0
Tue 3 May 2022	1080	38.2	31.5	6.4	1	6	43	110	251	354	233	69	11	2	0	0
Wed 4 May 2022	1105	38.0	32.2	5.6	3	6	14	55	276	424	265	49	9	4	0	0
5 Day Ave.	1106	38.1	31.8	6.1	3	8	27	93	267	392	238	63	13	2	0	0
7 Day Ave.	1100	38.2	32.2	5.9	2	6	21	79	258	402	248	67	13	2	1	0

360 TSL Ltd



# North Wales ATC 5, A547

Direction: Westbound

28/04/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	31	28	3	0	0
01:00	10	6	4	0	0
02:00	1	1	0	0	0
03:00	2	2	0	0	0
04:00	3	1	2	0	0
05:00	14	10	2	0	2
06:00	50	31	13	0	6
07:00	160	130	24	0	6
08:00	292	243	39	0	10
09:00	199	168	25	0	6
10:00	223	184	28	0	11
11:00	253	203	41	2	7
12:00	249	208	31	1	9
13:00	229	199	24	1	5
14:00	267	234	27	0	6
15:00	258	226	27	0	5
16:00	288	250	28	1	9
17:00	265	230	31	0	4
18:00	202	174	24	0	4
19:00	159	139	15	2	3
20:00	98	92	4	0	2
21:00	78	71	4	0	3
22:00	35	28	5	0	2
23:00	14	12	1	0	1
Total					
12H(7-19)	2885	2449	349	5	82
16H(6-22)	3270	2782	385	7	96
18H(6-24)	3319	2822	391	7	99
24H(0-24)	3380	2870	402	7	101
AM Peak	08:00 292	08:00 243	11:00 41	11:00 2	10:00 11
PM Peak	16:00 288	16:00 250	12:00 31	19:00 2	12:00 9

360 TSL Ltd

Direction: Eastbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	18	15	3	0	0
01:00	5	5	0	0	0
02:00	6	6	0	0	0
03:00	4	2	2	0	0
04:00	3	2	1	0	0
05:00	7	5	2	0	0
06:00	38	30	6	0	2
07:00	122	95	23	0	4
08:00	211	178	27	0	6
09:00	209	172	33	0	4
10:00	197	163	27	0	7
11:00	230	196	29	0	5
12:00	249	211	33	0	5
13:00	267	225	32	0	10
14:00	244	211	25	0	8
15:00	338	296	36	1	5
16:00	350	310	31	1	8
17:00	311	277	29	0	5
18:00	200	171	23	1	5
19:00	160	137	16	1	6
20:00	106	96	6	0	4
21:00	75	68	4	1	2
22:00	43	40	1	0	2
23:00	17	15	0	0	2
Total					
12H(7-19)	2928	2505	348	3	72
16H(6-22)	3307	2836	380	5	86
18H(6-24)	3367	2891	381	5	90
24H(0-24)	3410	2926	389	5	90
AM Peak	11:00 230	11:00 196	09:00 33	00:00 0	10:00 7
PM Peak	16:00 350	16:00 310	15:00 36	15:00 1	13:00 10

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	49	43	6	0	0
01:00	15	11	4	0	0
02:00	7	7	0	0	0
03:00	6	4	2	0	0
04:00	6	3	3	0	0
05:00	21	15	4	0	2
06:00	88	61	19	0	8
07:00	282	225	47	0	10
08:00	503	421	66	0	16
09:00	408	340	58	0	10
10:00	420	347	55	0	18
11:00	483	399	70	2	12
12:00	498	419	64	1	14
13:00	496	424	56	1	15
14:00	511	445	52	0	14
15:00	596	522	63	1	10
16:00	638	560	59	2	17
17:00	576	507	60	0	9
18:00	402	345	47	1	9
19:00	319	276	31	3	9
20:00	204	188	10	0	6
21:00	153	139	8	1	5
22:00	78	68	6	0	4
23:00	31	27	1	0	3
Total					
12H(7-19)	5813	4954	697	8	154
16H(6-22)	6577	5618	765	12	182
18H(6-24)	6686	5713	772	12	189
24H(0-24)	6790	5796	791	12	191
AM Peak	08:00 503	08:00 421	11:00 70	11:00 2	10:00 18
PM Peak	16:00 638	16:00 560	12:00 64	19:00 3	16:00 17

360 TSL Ltd



# North Wales ATC 5, A547

Direction: Westbound

29/04/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	6	6	0	0	0
01:00	2	2	0	0	0
02:00	1	1	0	0	0
03:00	3	3	0	0	0
04:00	2	1	1	0	0
05:00	17	13	1	0	3
06:00	51	32	12	0	7
07:00	145	116	25	0	4
08:00	296	244	40	0	12
09:00	231	188	37	0	6
10:00	239	202	31	0	6
11:00	286	251	28	0	7
12:00	284	255	22	1	6
13:00	256	211	33	0	12
14:00	312	264	42	1	5
15:00	303	260	36	2	5
16:00	430	383	39	1	7
17:00	445	388	51	0	6
18:00	262	233	23	1	5
19:00	167	152	12	0	3
20:00	138	125	11	0	2
21:00	105	95	8	0	2
22:00	45	41	2	0	2
23:00	19	18	0	0	1
Total					
12H(7-19)	3489	2995	407	6	81
16H(6-22)	3950	3399	450	6	95
18H(6-24)	4014	3458	452	6	98
24H(0-24)	4045	3484	454	6	101
AM Peak	08:00 296	11:00 251	08:00 40	00:00 0	08:00 12
PM Peak	17:00 445	17:00 388	17:00 51	15:00 2	13:00 12

360 TSL Ltd

Direction: Eastbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	3	2	1	0	0
01:00	1	1	0	0	0
02:00	0	0	0	0	0
03:00	1	0	1	0	0
04:00	1	1	0	0	0
05:00	11	4	7	0	0
06:00	32	26	4	0	2
07:00	136	103	28	0	5
08:00	227	189	30	2	6
09:00	218	181	31	1	5
10:00	238	197	33	2	6
11:00	243	208	28	0	7
12:00	286	248	29	1	8
13:00	260	222	33	0	5
14:00	263	224	32	1	6
15:00	320	274	38	0	8
16:00	326	285	35	0	6
17:00	304	273	27	0	4
18:00	177	155	17	1	4
19:00	143	123	15	1	4
20:00	112	105	5	0	2
21:00	85	76	7	0	2
22:00	52	47	3	0	2
23:00	30	24	4	0	2
Total					
12H(7-19)	2998	2559	361	8	70
16H(6-22)	3370	2889	392	9	80
18H(6-24)	3452	2960	399	9	84
24H(0-24)	3469	2968	408	9	84
AM Peak	11:00 243	11:00 208	10:00 33	08:00 2	11:00 7
PM Peak	16:00 326	16:00 285	15:00 38	12:00 1	12:00 8

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	9	8	1	0	0
01:00	3	3	0	0	0
02:00	1	1	0	0	0
03:00	4	3	1	0	0
04:00	3	2	1	0	0
05:00	28	17	8	0	3
06:00	83	58	16	0	9
07:00	281	219	53	0	9
08:00	523	433	70	2	18
09:00	449	369	68	1	11
10:00	477	399	64	2	12
11:00	529	459	56	0	14
12:00	570	503	51	2	14
13:00	516	433	66	0	17
14:00	575	488	74	2	11
15:00	623	534	74	2	13
16:00	756	668	74	1	13
17:00	749	661	78	0	10
18:00	439	388	40	2	9
19:00	310	275	27	1	7
20:00	250	230	16	0	4
21:00	190	171	15	0	4
22:00	97	88	5	0	4
23:00	49	42	4	0	3
Total					
12H(7-19)	6487	5554	768	14	151
16H(6-22)	7320	6288	842	15	175
18H(6-24)	7466	6418	851	15	182
24H(0-24)	7514	6452	862	15	185
AM Peak	11:00 529	11:00 459	08:00 70	08:00 2	08:00 18
PM Peak	16:00 756	16:00 668	17:00 78	12:00 2	13:00 17

360 TSL Ltd



## North Wales ATC 5, A547

Direction: Westbound

30/04/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	12	11	0	1	0
01:00	7	7	0	0	0
02:00	1	1	0	0	0
03:00	3	3	0	0	0
04:00	5	4	1	0	0
05:00	10	7	1	0	2
06:00	18	13	1	0	4
07:00	54	42	6	0	6
08:00	162	143	13	0	6
09:00	265	232	29	0	4
10:00	307	271	28	0	8
11:00	326	294	27	0	5
12:00	327	294	26	1	6
13:00	291	266	20	1	4
14:00	295	273	15	1	6
15:00	270	244	22	0	4
16:00	258	223	30	0	5
17:00	244	220	18	0	6
18:00	195	175	16	0	4
19:00	141	126	12	1	2
20:00	110	102	5	0	3
21:00	74	65	6	0	3
22:00	48	43	3	0	2
23:00	20	17	1	0	2
Total					
12H(7-19)	2994	2677	250	3	64
16H(6-22)	3337	2983	274	4	76
18H(6-24)	3405	3043	278	4	80
24H(0-24)	3443	3076	280	5	82
AM Peak	11:00 326	11:00 294	09:00 29	00:00 1	10:00 8
PM Peak	12:00 327	12:00 294	16:00 30	12:00 1	12:00 6

360 TSL Ltd

Direction: Eastbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	16	16	0	0	0
01:00	11	11	0	0	0
02:00	7	5	2	0	0
03:00	4	4	0	0	0
04:00	2	2	0	0	0
05:00	7	6	1	0	0
06:00	18	13	3	0	2
07:00	58	50	3	1	4
08:00	104	86	13	0	5
09:00	187	160	22	0	5
10:00	262	238	19	0	5
11:00	247	217	24	0	6
12:00	256	227	23	1	5
13:00	264	238	19	0	7
14:00	278	262	11	1	4
15:00	300	275	19	1	5
16:00	274	252	18	0	4
17:00	267	223	39	0	5
18:00	184	171	8	0	5
19:00	153	133	14	0	6
20:00	105	90	13	0	2
21:00	76	70	4	0	2
22:00	52	47	3	0	2
23:00	29	27	0	0	2
Total					
12H(7-19)	2681	2399	218	4	60
16H(6-22)	3033	2705	252	4	72
18H(6-24)	3114	2779	255	4	76
24H(0-24)	3161	2823	258	4	76
AM Peak	10:00 262	10:00 238	11:00 24	07:00 1	11:00 6
PM Peak	15:00 300	15:00 275	17:00 39	12:00 1	13:00 7

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	28	27	0	1	0
01:00	18	18	0	0	0
02:00	8	6	2	0	0
03:00	7	7	0	0	0
04:00	7	6	1	0	0
05:00	17	13	2	0	2
06:00	36	26	4	0	6
07:00	112	92	9	1	10
08:00	266	229	26	0	11
09:00	452	392	51	0	9
10:00	569	509	47	0	13
11:00	573	511	51	0	11
12:00	583	521	49	2	11
13:00	555	504	39	1	11
14:00	573	535	26	2	10
15:00	570	519	41	1	9
16:00	532	475	48	0	9
17:00	511	443	57	0	11
18:00	379	346	24	0	9
19:00	294	259	26	1	8
20:00	215	192	18	0	5
21:00	150	135	10	0	5
22:00	100	90	6	0	4
23:00	49	44	1	0	4
Total					
12H(7-19)	5675	5076	468	7	124
16H(6-22)	6370	5688	526	8	148
18H(6-24)	6519	5822	533	8	156
24H(0-24)	6604	5899	538	9	158
AM Peak	11:00 573	11:00 511	09:00 51	00:00 1	10:00 13
PM Peak	12:00 583	14:00 535	17:00 57	12:00 2	12:00 11

360 TSL Ltd



## North Wales ATC 5, A547

Direction: Westbound

01/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	12	9	3	0	0
01:00	13	13	0	0	0
02:00	4	3	1	0	0
03:00	2	2	0	0	0
04:00	1	0	1	0	0
05:00	3	3	0	0	0
06:00	11	7	3	0	1
07:00	28	24	3	0	1
08:00	58	50	6	0	2
09:00	125	108	14	0	3
10:00	209	186	20	0	3
11:00	260	235	21	0	4
12:00	283	262	18	0	3
13:00	284	258	23	0	3
14:00	282	256	23	0	3
15:00	257	232	21	0	4
16:00	193	168	20	1	4
17:00	155	144	9	0	2
18:00	121	110	8	0	3
19:00	105	95	6	0	4
20:00	74	67	6	0	1
21:00	46	40	4	0	2
22:00	24	22	1	0	1
23:00	20	18	1	0	1
Total					
12H(7-19)	2255	2033	186	1	35
16H(6-22)	2491	2242	205	1	43
18H(6-24)	2535	2282	207	1	45
24H(0-24)	2570	2312	212	1	45
AM Peak	11:00 260	11:00 235	11:00 21	00:00 0	11:00 4
PM Peak	13:00 284	12:00 262	13:00 23	16:00 1	15:00 4

360 TSL Ltd

Direction: Eastbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	13	11	2	0	0
01:00	7	7	0	0	0
02:00	4	4	0	0	0
03:00	3	2	1	0	0
04:00	3	2	1	0	0
05:00	6	6	0	0	0
06:00	10	9	1	0	0
07:00	29	26	2	0	1
08:00	42	38	4	0	0
09:00	103	88	13	0	2
10:00	152	132	18	0	2
11:00	218	200	13	0	5
12:00	244	218	23	0	3
13:00	247	223	20	1	3
14:00	248	226	14	2	6
15:00	237	214	20	0	3
16:00	245	229	13	0	3
17:00	197	179	13	0	5
18:00	149	130	15	0	4
19:00	112	101	7	0	4
20:00	85	72	12	0	1
21:00	51	47	2	0	2
22:00	43	41	1	0	1
23:00	20	18	0	0	2
Total					
12H(7-19)	2111	1903	168	3	37
16H(6-22)	2369	2132	190	3	44
18H(6-24)	2432	2191	191	3	47
24H(0-24)	2468	2223	195	3	47
AM Peak	11:00 218	11:00 200	10:00 18	00:00 0	11:00 5
PM Peak	14:00 248	16:00 229	12:00 23	14:00 2	14:00 6

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	25	20	5	0	0
01:00	20	20	0	0	0
02:00	8	7	1	0	0
03:00	5	4	1	0	0
04:00	4	2	2	0	0
05:00	9	9	0	0	0
06:00	21	16	4	0	1
07:00	57	50	5	0	2
08:00	100	88	10	0	2
09:00	228	196	27	0	5
10:00	361	318	38	0	5
11:00	478	435	34	0	9
12:00	527	480	41	0	6
13:00	531	481	43	1	6
14:00	530	482	37	2	9
15:00	494	446	41	0	7
16:00	438	397	33	1	7
17:00	352	323	22	0	7
18:00	270	240	23	0	7
19:00	217	196	13	0	8
20:00	159	139	18	0	2
21:00	97	87	6	0	4
22:00	67	63	2	0	2
23:00	40	36	1	0	3
Total					
12H(7-19)	4366	3936	354	4	72
16H(6-22)	4860	4374	395	4	87
18H(6-24)	4967	4473	398	4	92
24H(0-24)	5038	4535	407	4	92
AM Peak	11:00 478	11:00 435	10:00 38	00:00 0	11:00 9
PM Peak	13:00 531	14:00 482	13:00 43	14:00 2	14:00 9

360 TSL Ltd



## North Wales ATC 5, A547

Direction: Westbound

02/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	10	9	1	0	0
01:00	1	1	0	0	0
02:00	3	3	0	0	0
03:00	1	1	0	0	0
04:00	3	2	1	0	0
05:00	10	9	0	0	1
06:00	23	19	3	0	1
07:00	52	47	4	0	1
08:00	85	74	9	0	2
09:00	140	118	18	0	4
10:00	183	170	10	0	3
11:00	271	241	25	0	5
12:00	272	247	22	0	3
13:00	261	243	15	0	3
14:00	243	231	11	0	1
15:00	251	227	19	1	4
16:00	200	178	17	2	3
17:00	217	192	21	1	3
18:00	167	155	9	0	3
19:00	97	85	9	0	3
20:00	59	54	4	0	1
21:00	46	40	5	0	1
22:00	26	25	0	0	1
23:00	19	18	0	0	1
Total					
12H(7-19)	2342	2123	180	4	35
16H(6-22)	2567	2321	201	4	41
18H(6-24)	2612	2364	201	4	43
24H(0-24)	2640	2389	203	4	44
AM Peak	11:00 271	11:00 241	11:00 25	00:00 0	11:00 5
PM Peak	12:00 272	12:00 247	12:00 22	16:00 2	15:00 4

360 TSL Ltd

Direction: Eastbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	9	9	0	0	0
01:00	4	2	2	0	0
02:00	5	5	0	0	0
03:00	3	3	0	0	0
04:00	4	3	1	0	0
05:00	11	10	1	0	0
06:00	18	16	2	0	0
07:00	39	34	4	0	1
08:00	70	61	8	1	0
09:00	132	116	13	2	1
10:00	191	170	15	1	5
11:00	253	224	22	3	4
12:00	254	233	17	1	3
13:00	232	210	16	1	5
14:00	258	237	17	0	4
15:00	288	265	18	0	5
16:00	380	357	19	1	3
17:00	386	349	33	0	4
18:00	204	182	12	0	10
19:00	127	118	8	0	1
20:00	94	82	10	0	2
21:00	49	41	6	0	2
22:00	21	20	0	0	1
23:00	14	12	0	0	2
Total					
12H(7-19)	2687	2438	194	10	45
16H(6-22)	2975	2695	220	10	50
18H(6-24)	3010	2727	220	10	53
24H(0-24)	3046	2759	224	10	53
AM Peak	11:00 253	11:00 224	11:00 22	11:00 3	10:00 5
PM Peak	17:00 386	16:00 357	17:00 33	12:00 1	18:00 10

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	19	18	1	0	0
01:00	5	3	2	0	0
02:00	8	8	0	0	0
03:00	4	4	0	0	0
04:00	7	5	2	0	0
05:00	21	19	1	0	1
06:00	41	35	5	0	1
07:00	91	81	8	0	2
08:00	155	135	17	1	2
09:00	272	234	31	2	5
10:00	374	340	25	1	8
11:00	524	465	47	3	9
12:00	526	480	39	1	6
13:00	493	453	31	1	8
14:00	501	468	28	0	5
15:00	539	492	37	1	9
16:00	580	535	36	3	6
17:00	603	541	54	1	7
18:00	371	337	21	0	13
19:00	224	203	17	0	4
20:00	153	136	14	0	3
21:00	95	81	11	0	3
22:00	47	45	0	0	2
23:00	33	30	0	0	3
Total					
12H(7-19)	5029	4561	374	14	80
16H(6-22)	5542	5016	421	14	91
18H(6-24)	5622	5091	421	14	96
24H(0-24)	5686	5148	427	14	97
AM Peak	11:00 524	11:00 465	11:00 47	11:00 3	11:00 9
PM Peak	17:00 603	17:00 541	17:00 54	16:00 3	18:00 13

360 TSL Ltd



## North Wales ATC 5, A547

Direction: Westbound

03/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	6	6	0	0	0
01:00	2	2	0	0	0
02:00	1	1	0	0	0
03:00	1	1	0	0	0
04:00	4	3	1	0	0
05:00	14	9	3	0	2
06:00	52	36	10	0	6
07:00	177	143	27	0	7
08:00	282	232	43	1	6
09:00	207	177	25	0	5
10:00	230	185	37	0	8
11:00	277	230	40	1	6
12:00	271	246	19	0	6
13:00	227	193	28	0	6
14:00	276	227	40	1	8
15:00	250	222	22	1	5
16:00	267	228	33	0	6
17:00	302	266	29	0	7
18:00	224	190	30	0	4
19:00	141	126	12	0	3
20:00	84	76	6	0	2
21:00	83	78	2	0	3
22:00	41	34	5	0	2
23:00	13	12	0	0	1
Total					
12H(7-19)	2990	2539	373	4	74
16H(6-22)	3350	2855	403	4	88
18H(6-24)	3404	2901	408	4	91
24H(0-24)	3432	2923	412	4	93
AM Peak	08:00 282	08:00 232	08:00 43	08:00 1	10:00 8
PM Peak	17:00 302	17:00 266	14:00 40	14:00 1	14:00 8

360 TSL Ltd

Direction: Eastbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	5	5	0	0	0
01:00	3	3	0	0	0
02:00	3	2	1	0	0
03:00	1	1	0	0	0
04:00	5	5	0	0	0
05:00	11	7	4	0	0
06:00	35	29	3	0	3
07:00	129	96	28	0	5
08:00	272	234	31	0	7
09:00	226	184	38	0	4
10:00	241	198	37	1	5
11:00	233	197	31	0	5
12:00	234	202	26	0	6
13:00	259	222	29	3	5
14:00	260	218	33	1	8
15:00	294	241	47	0	6
16:00	335	273	54	1	7
17:00	311	278	27	0	6
18:00	199	177	18	0	4
19:00	160	137	17	0	6
20:00	92	80	10	0	2
21:00	87	81	4	0	2
22:00	41	34	5	0	2
23:00	24	22	0	0	2
Total					
12H(7-19)	2993	2520	399	6	68
16H(6-22)	3367	2847	433	6	81
18H(6-24)	3432	2903	438	6	85
24H(0-24)	3460	2926	443	6	85
AM Peak	08:00 272	08:00 234	09:00 38	10:00 1	08:00 7
PM Peak	16:00 335	17:00 278	16:00 54	13:00 3	14:00 8

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	11	11	0	0	0
01:00	5	5	0	0	0
02:00	4	3	1	0	0
03:00	2	2	0	0	0
04:00	9	8	1	0	0
05:00	25	16	7	0	2
06:00	87	65	13	0	9
07:00	306	239	55	0	12
08:00	554	466	74	1	13
09:00	433	361	63	0	9
10:00	471	383	74	1	13
11:00	510	427	71	1	11
12:00	505	448	45	0	12
13:00	486	415	57	3	11
14:00	536	445	73	2	16
15:00	544	463	69	1	11
16:00	602	501	87	1	13
17:00	613	544	56	0	13
18:00	423	367	48	0	8
19:00	301	263	29	0	9
20:00	176	156	16	0	4
21:00	170	159	6	0	5
22:00	82	68	10	0	4
23:00	37	34	0	0	3
Total					
12H(7-19)	5983	5059	772	10	142
16H(6-22)	6717	5702	836	10	169
18H(6-24)	6836	5804	846	10	176
24H(0-24)	6892	5849	855	10	178
AM Peak	08:00 554	08:00 466	08:00 74	08:00 1	08:00 13
PM Peak	17:00 613	17:00 544	16:00 87	13:00 3	14:00 16

360 TSL Ltd



## North Wales ATC 5, A547

Direction: Westbound

04/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	5	4	1	0	0
01:00	1	1	0	0	0
02:00	1	0	1	0	0
03:00	2	1	1	0	0
04:00	3	1	2	0	0
05:00	13	11	1	0	1
06:00	54	40	9	0	5
07:00	171	137	25	0	9
08:00	296	250	39	0	7
09:00	220	173	40	0	7
10:00	203	156	40	0	7
11:00	237	194	38	1	4
12:00	249	210	31	0	8
13:00	234	200	28	0	6
14:00	288	238	44	0	6
15:00	260	222	34	0	4
16:00	275	240	27	1	7
17:00	341	309	27	0	5
18:00	179	159	16	0	4
19:00	144	130	11	0	3
20:00	83	78	3	0	2
21:00	59	52	4	0	3
22:00	53	48	3	0	2
23:00	5	3	1	0	1
Total					
12H(7-19)	2953	2488	389	2	74
16H(6-22)	3293	2788	416	2	87
18H(6-24)	3351	2839	420	2	90
24H(0-24)	3376	2857	426	2	91
AM Peak	08:00 296	08:00 250	09:00 40	11:00 1	07:00 9
PM Peak	17:00 341	17:00 309	14:00 44	16:00 1	12:00 8

360 TSL Ltd

Direction: Eastbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	5	4	1	0	0
01:00	2	2	0	0	0
02:00	0	0	0	0	0
03:00	3	2	1	0	0
04:00	2	2	0	0	0
05:00	12	9	3	0	0
06:00	28	21	5	0	2
07:00	141	105	30	0	6
08:00	264	218	42	0	4
09:00	235	182	45	0	8
10:00	213	168	37	1	7
11:00	215	178	30	1	6
12:00	214	175	34	0	5
13:00	206	175	25	2	4
14:00	260	224	26	0	10
15:00	297	244	44	2	7
16:00	347	305	36	0	6
17:00	296	268	25	0	3
18:00	185	164	16	0	5
19:00	155	139	9	0	7
20:00	95	83	10	0	2
21:00	65	57	6	0	2
22:00	45	42	1	0	2
23:00	24	21	1	0	2
Total					
12H(7-19)	2873	2406	390	6	71
16H(6-22)	3216	2706	420	6	84
18H(6-24)	3285	2769	422	6	88
24H(0-24)	3309	2788	427	6	88
AM Peak	08:00 264	08:00 218	09:00 45	10:00 1	09:00 8
PM Peak	16:00 347	16:00 305	15:00 44	13:00 2	14:00 10

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	10	8	2	0	0
01:00	3	3	0	0	0
02:00	1	0	1	0	0
03:00	5	3	2	0	0
04:00	5	3	2	0	0
05:00	25	20	4	0	1
06:00	82	61	14	0	7
07:00	312	242	55	0	15
08:00	560	468	81	0	11
09:00	455	355	85	0	15
10:00	416	324	77	1	14
11:00	452	372	68	2	10
12:00	463	385	65	0	13
13:00	440	375	53	2	10
14:00	548	462	70	0	16
15:00	557	466	78	2	11
16:00	622	545	63	1	13
17:00	637	577	52	0	8
18:00	364	323	32	0	9
19:00	299	269	20	0	10
20:00	178	161	13	0	4
21:00	124	109	10	0	5
22:00	98	90	4	0	4
23:00	29	24	2	0	3
Total					
12H(7-19)	5826	4894	779	8	145
16H(6-22)	6509	5494	836	8	171
18H(6-24)	6636	5608	842	8	178
24H(0-24)	6685	5645	853	8	179
AM Peak	08:00 560	08:00 468	09:00 85	11:00 2	07:00 15
PM Peak	17:00 637	17:00 577	15:00 78	13:00 2	14:00 16

360 TSL Ltd



# North Wales ATC 5, A547

Direction: Westbound

28/04/2022

Hour Beginning	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<15	Bin 3 15<20	Bin 4 20<25	Bin 5 25<30	Bin 6 30<35	Bin 7 35<40	Bin 8 40<45	Bin 9 45<50	Bin 10 50<55	Bin 11 55<60	Bin 12 >=60
00:00	31	45.9	39.3	6.4	0	0	0	0	1	7	10	9	2	1	1	0
01:00	10	43.9	39.5	4.2	0	0	0	0	0	1	5	3	1	0	0	0
02:00	1	-	32.5	-	0	0	0	0	0	1	0	0	0	0	0	0
03:00	2	56.0	45.0	10.6	0	0	0	0	0	0	1	0	0	1	0	0
04:00	3	52.9	42.5	10.0	0	0	0	0	0	1	0	1	0	1	0	0
05:00	14	46.2	39.3	6.7	0	0	0	0	2	0	7	1	4	0	0	0
06:00	50	42.9	36.7	6.0	0	0	0	2	5	11	15	15	2	0	0	0
07:00	160	41.3	36.3	4.9	0	0	1	2	9	45	76	23	2	2	0	0
08:00	292	40.7	35.8	4.8	0	0	1	0	30	92	120	43	5	1	0	0
09:00	199	40.8	34.6	5.9	0	1	0	7	27	71	67	21	3	0	1	1
10:00	223	38.8	33.9	4.8	0	0	0	6	34	100	63	16	4	0	0	0
11:00	253	39.4	34.5	4.7	0	0	0	4	29	113	79	23	5	0	0	0
12:00	249	39.5	34.1	5.2	0	2	1	4	30	111	82	14	3	1	1	0
13:00	229	39.8	34.2	5.4	0	0	1	10	31	91	68	24	2	2	0	0
14:00	267	38.4	33.9	4.4	0	0	0	2	44	125	73	21	2	0	0	0
15:00	258	39.0	34.1	4.8	0	0	0	6	36	113	81	16	6	0	0	0
16:00	288	39.2	34.3	4.7	0	0	0	4	42	124	91	21	5	1	0	0
17:00	265	41.1	35.7	5.2	0	0	1	3	22	95	99	34	9	2	0	0
18:00	202	41.7	36.7	4.8	0	0	0	1	13	59	80	41	8	0	0	0
19:00	159	42.5	36.4	5.9	0	0	0	2	16	47	60	25	7	0	1	1
20:00	98	43.1	37.0	5.9	0	0	0	0	13	23	31	25	4	2	0	0
21:00	78	44.9	37.8	6.9	0	0	0	1	2	28	24	15	3	3	1	1
22:00	35	45.7	38.0	7.5	0	0	0	0	4	8	11	9	1	1	0	1
23:00	14	43.5	36.8	6.5	0	0	0	0	1	7	1	3	2	0	0	0
Total																
2H(10-12)	476	39.1	34.2	4.7	0	0	0	10	63	213	142	39	9	0	0	0
2H(14-16)	525	38.7	34.0	4.6	0	0	0	8	80	238	154	37	8	0	0	0
12H(7-19)	2885	40.0	34.8	5.0	0	3	5	49	347	1139	979	297	54	9	2	1
24H(0-24)	3380	40.6	35.1	5.3	0	3	5	54	391	1273	1144	403	80	18	5	4
AM Peak	08:00 292	03:00 56.0	03:00 45.0	03:00 10.6	00:00 0	09:00 1	07:00 1	09:00 7	10:00 34	11:00 113	08:00 120	08:00 43	08:00 5	07:00 2	00:00 1	09:00 1
PM Peak	16:00 288	22:00 45.7	22:00 38.0	22:00 7.5	12:00 0	12:00 2	12:00 1	13:00 10	14:00 44	14:00 125	17:00 99	18:00 41	17:00 9	21:00 3	12:00 1	19:00 1



Direction: Eastbound

Hour Beginning	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<15	Bin 3 15<20	Bin 4 20<25	Bin 5 25<30	Bin 6 30<35	Bin 7 35<40	Bin 8 40<45	Bin 9 45<50	Bin 10 50<55	Bin 11 55<60	Bin 12 >=60
00:00	18	39.5	34.2	5.1	0	0	0	0	3	9	4	1	1	0	0	0
01:00	5	37.8	33.5	4.2	0	0	0	0	1	2	2	0	0	0	0	0
02:00	6	35.8	32.5	3.2	0	0	0	0	1	4	1	0	0	0	0	0
03:00	4	34.8	27.5	7.1	0	0	0	2	1	0	1	0	0	0	0	0
04:00	3	37.7	32.5	5.0	0	0	0	0	1	1	1	0	0	0	0	0
05:00	7	35.0	31.1	3.8	0	0	0	0	3	3	1	0	0	0	0	0
06:00	38	39.1	33.7	5.3	0	0	0	2	7	13	12	4	0	0	0	0
07:00	122	34.2	29.2	4.8	0	1	1	17	53	37	12	1	0	0	0	0
08:00	211	32.9	28.1	4.7	0	2	7	39	86	71	5	1	0	0	0	0
09:00	209	31.2	26.7	4.4	0	0	11	63	89	42	4	0	0	0	0	0
10:00	197	30.3	25.7	4.5	0	1	16	70	79	28	3	0	0	0	0	0
11:00	230	30.7	26.2	4.3	0	0	16	69	108	32	5	0	0	0	0	0
12:00	249	31.1	26.4	4.5	1	2	15	57	137	30	7	0	0	0	0	0
13:00	267	30.9	25.9	4.8	0	9	16	76	117	47	2	0	0	0	0	0
14:00	244	32.6	26.5	5.9	0	3	20	70	100	44	5	0	0	0	0	2
15:00	338	29.8	24.2	5.4	9	12	40	105	139	33	0	0	0	0	0	0
16:00	350	31.4	25.7	5.6	4	17	20	89	163	50	5	1	1	0	0	0
17:00	311	31.8	26.4	5.2	1	5	28	76	128	64	9	0	0	0	0	0
18:00	200	32.5	28.3	4.1	0	0	3	32	107	49	7	2	0	0	0	0
19:00	160	34.3	29.0	5.1	0	0	8	21	66	48	15	2	0	0	0	0
20:00	106	35.0	29.7	5.1	0	1	1	11	47	35	7	3	1	0	0	0
21:00	75	34.6	29.3	5.1	0	0	1	13	30	22	8	0	1	0	0	0
22:00	43	37.3	31.6	5.5	0	0	1	3	10	22	4	2	1	0	0	0
23:00	17	37.2	32.2	4.8	0	0	0	1	4	8	3	1	0	0	0	0
Total																
2H(10-12)	427	30.5	26.0	4.4	0	1	32	139	187	60	8	0	0	0	0	0
2H(14-16)	582	31.1	25.2	5.7	9	15	60	175	239	77	5	0	0	0	0	2
12H(7-19)	2928	31.6	26.3	5.1	15	52	193	763	1306	527	64	5	1	0	0	2
24H(0-24)	3410	32.4	26.9	5.3	15	53	204	816	1480	694	123	18	5	0	0	2
AM Peak	11:00 230	00:00 39.5	00:00 34.2	03:00 7.1	00:00 0	08:00 2	10:00 16	10:00 70	11:00 108	08:00 71	06:00 12	06:00 4	00:00 1	00:00 0	00:00 0	00:00 0
PM Peak	16:00 350	22:00 37.3	23:00 32.2	14:00 5.9	15:00 9	16:00 17	15:00 40	15:00 105	16:00 163	17:00 64	19:00 15	20:00 3	16:00 1	12:00 0	12:00 0	14:00 2



Direction: Total Flow

Hour Beginning	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<15	Bin 3 15<20	Bin 4 20<25	Bin 5 25<30	Bin 6 30<35	Bin 7 35<40	Bin 8 40<45	Bin 9 45<50	Bin 10 50<55	Bin 11 55<60	Bin 12 >=60
00:00	49	44.0	37.4	6.4	0	0	0	0	4	16	14	10	3	1	1	0
01:00	15	42.7	37.5	5.0	0	0	0	0	1	3	7	3	1	0	0	0
02:00	7	35.5	32.5	2.9	0	0	0	0	1	5	1	0	0	0	0	0
03:00	6	45.3	33.3	11.6	0	0	0	2	1	0	2	0	0	1	0	0
04:00	6	46.8	37.5	8.9	0	0	0	0	1	2	1	1	0	1	0	0
05:00	21	43.8	36.5	7.0	0	0	0	0	5	3	8	1	4	0	0	0
06:00	88	41.5	35.4	5.9	0	0	0	4	12	24	27	19	2	0	0	0
07:00	282	39.4	33.2	6.0	0	1	2	19	62	82	88	24	2	2	0	0
08:00	503	38.8	32.6	6.1	0	2	8	39	116	163	125	44	5	1	0	0
09:00	408	37.3	30.5	6.5	0	1	11	70	116	113	71	21	3	0	1	1
10:00	420	36.4	30.0	6.2	0	1	16	76	113	128	66	16	4	0	0	0
11:00	483	36.9	30.6	6.1	0	0	16	73	137	145	84	23	5	0	0	0
12:00	498	36.7	30.3	6.2	1	4	16	61	167	141	89	14	3	1	1	0
13:00	496	36.5	29.7	6.6	0	9	17	86	148	138	70	24	2	2	0	0
14:00	511	36.9	30.3	6.4	0	3	20	72	144	169	78	21	2	0	0	2
15:00	596	35.9	28.5	7.1	9	12	40	111	175	146	81	16	6	0	0	0
16:00	638	36.5	29.5	6.7	4	17	20	93	205	174	96	22	6	1	0	0
17:00	576	37.9	30.7	7.0	1	5	29	79	150	159	108	34	9	2	0	0
18:00	402	38.9	32.5	6.2	0	0	3	33	120	108	87	43	8	0	0	0
19:00	319	39.5	32.6	6.6	0	0	8	23	82	95	75	27	7	0	1	1
20:00	204	40.0	33.2	6.6	0	1	1	11	60	58	38	28	5	2	0	0
21:00	153	41.3	33.6	7.4	0	0	1	14	32	50	32	15	4	3	1	1
22:00	78	41.9	34.5	7.2	0	0	1	3	14	30	15	11	2	1	0	1
23:00	31	40.5	34.3	6.0	0	0	0	1	5	15	4	4	2	0	0	0
Total																
2H(10-12)	903	36.7	30.3	6.2	0	1	32	149	250	273	150	39	9	0	0	0
2H(14-16)	1107	36.4	29.3	6.8	9	15	60	183	319	315	159	37	8	0	0	2
12H(7-19)	5813	37.4	30.5	6.6	15	55	198	812	1653	1666	1043	302	55	9	2	3
24H(0-24)	6790	38.0	31.0	6.7	15	56	209	870	1871	1967	1267	421	85	18	5	6
AM Peak	08:00 503	04:00 46.8	01:00 37.5	03:00 11.6	00:00 0	08:00 2	10:00 16	10:00 76	11:00 137	08:00 163	08:00 125	08:00 44	08:00 5	07:00 2	00:00 1	09:00 1
PM Peak	16:00 638	22:00 41.9	22:00 34.5	21:00 7.4	15:00 9	16:00 17	15:00 40	15:00 111	16:00 205	16:00 174	17:00 108	18:00 43	17:00 9	21:00 3	12:00 1	14:00 2



# North Wales ATC 5, A547

Direction: Westbound

29/04/2022

Hour Beginning	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<15	Bin 3 15<20	Bin 4 20<25	Bin 5 25<30	Bin 6 30<35	Bin 7 35<40	Bin 8 40<45	Bin 9 45<50	Bin 10 50<55	Bin 11 55<60	Bin 12 >=60
00:00	6	46.8	41.7	4.9	0	0	0	0	0	0	3	1	2	0	0	0
01:00	2	37.5	37.5	0.0	0	0	0	0	0	0	2	0	0	0	0	0
02:00	1	-	37.5	-	0	0	0	0	0	0	1	0	0	0	0	0
03:00	3	38.8	35.8	2.9	0	0	0	0	0	1	2	0	0	0	0	0
04:00	2	51.0	40.0	10.6	0	0	0	0	0	1	0	0	1	0	0	0
05:00	17	45.7	38.7	6.7	0	0	0	0	2	3	5	3	4	0	0	0
06:00	51	41.9	35.6	6.1	0	0	0	2	10	7	19	12	1	0	0	0
07:00	145	41.9	37.0	4.7	0	0	0	0	5	45	63	25	6	0	1	0
08:00	296	41.1	35.8	5.1	0	0	2	4	29	80	133	42	3	3	0	0
09:00	231	40.6	35.4	5.0	0	0	1	2	28	70	98	27	4	0	1	0
10:00	239	39.3	34.6	4.6	0	0	2	1	26	101	87	20	1	1	0	0
11:00	286	38.8	33.8	4.8	0	0	0	4	50	134	74	19	3	1	1	0
12:00	284	39.2	34.2	4.8	0	1	0	3	41	125	84	25	5	0	0	0
13:00	256	39.7	34.7	4.8	0	0	0	5	29	109	79	30	4	0	0	0
14:00	312	40.6	34.6	5.8	2	1	2	4	44	108	115	23	12	1	0	0
15:00	303	41.3	36.2	4.9	0	0	0	2	19	108	118	45	8	2	1	0
16:00	430	41.5	36.5	4.8	0	0	1	4	20	124	206	62	7	4	2	0
17:00	445	42.2	36.8	5.2	0	0	0	3	29	127	181	87	13	3	0	2
18:00	262	42.3	36.9	5.2	0	0	1	2	13	78	104	50	12	1	1	0
19:00	167	43.7	37.5	5.9	0	0	0	3	7	41	74	28	9	3	1	1
20:00	138	43.4	37.6	5.6	0	0	0	2	5	41	46	31	11	2	0	0
21:00	105	43.5	37.4	5.9	0	0	0	0	6	32	41	16	5	4	1	0
22:00	45	42.7	37.4	5.2	0	0	0	1	2	10	18	12	2	0	0	0
23:00	19	44.8	38.3	6.3	0	0	0	0	1	5	7	3	2	1	0	0
Total																
2H(10-12)	525	39.0	34.1	4.7	0	0	2	5	76	235	161	39	4	2	1	0
2H(14-16)	615	41.0	35.4	5.4	2	1	2	6	63	216	233	68	20	3	1	0
12H(7-19)	3489	40.9	35.6	5.1	2	2	9	34	333	1209	1342	455	78	16	7	2
24H(0-24)	4045	41.3	35.8	5.3	2	2	9	42	366	1350	1560	561	115	26	9	3
AM Peak	08:00	04:00	00:00	04:00	00:00	00:00	08:00	08:00	11:00	11:00	08:00	08:00	07:00	08:00	07:00	00:00
	296	51.0	41.7	10.6	0	0	2	4	50	134	133	42	6	3	1	0
PM Peak	17:00	23:00	23:00	23:00	14:00	12:00	14:00	13:00	14:00	17:00	16:00	17:00	17:00	16:00	16:00	17:00
	445	44.8	38.3	6.3	2	1	2	5	44	127	206	87	13	4	2	2



Direction: Eastbound

Hour Beginning	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<15	Bin 3 15<20	Bin 4 20<25	Bin 5 25<30	Bin 6 30<35	Bin 7 35<40	Bin 8 40<45	Bin 9 45<50	Bin 10 50<55	Bin 11 55<60	Bin 12 >=60
00:00	3	37.2	34.2	2.9	0	0	0	0	0	2	1	0	0	0	0	0
01:00	1	-	37.5	-	0	0	0	0	0	0	1	0	0	0	0	0
02:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
03:00	1	-	27.5	-	0	0	0	0	1	0	0	0	0	0	0	0
04:00	1	-	32.5	-	0	0	0	0	0	1	0	0	0	0	0	0
05:00	11	37.3	31.1	6.0	0	0	0	3	0	5	3	0	0	0	0	0
06:00	32	35.3	30.0	5.1	0	1	0	2	12	13	4	0	0	0	0	0
07:00	136	32.8	27.3	5.3	0	0	12	35	45	35	9	0	0	0	0	0
08:00	227	33.6	27.4	6.0	1	13	11	27	104	55	15	1	0	0	0	0
09:00	218	32.8	28.0	4.6	0	0	9	38	106	52	12	1	0	0	0	0
10:00	238	31.2	27.5	3.5	0	1	4	37	151	41	4	0	0	0	0	0
11:00	243	32.3	27.9	4.3	0	0	5	52	116	60	9	1	0	0	0	0
12:00	286	30.9	25.5	5.2	0	17	14	88	115	50	2	0	0	0	0	0
13:00	260	33.3	26.5	6.5	9	13	9	47	107	65	8	2	0	0	0	0
14:00	263	34.1	28.3	5.6	1	7	11	39	97	91	14	3	0	0	0	0
15:00	320	35.8	30.7	4.9	0	4	3	26	88	156	36	7	0	0	0	0
16:00	326	35.2	30.1	4.9	1	2	2	30	122	129	37	1	1	1	0	0
17:00	304	35.5	30.3	5.0	0	3	5	28	92	140	30	5	1	0	0	0
18:00	177	36.3	32.0	4.1	0	0	0	6	49	84	34	4	0	0	0	0
19:00	143	37.2	32.3	4.7	0	0	0	6	41	56	33	7	0	0	0	0
20:00	112	36.3	31.6	4.5	0	0	0	7	34	47	21	3	0	0	0	0
21:00	85	37.1	32.3	4.6	0	0	0	3	24	36	19	2	1	0	0	0
22:00	52	36.5	31.3	5.0	0	0	0	3	20	18	9	1	1	0	0	0
23:00	30	35.3	30.7	4.4	0	0	0	4	7	15	4	0	0	0	0	0
Total																
2H(10-12)	481	31.8	27.7	3.9	0	1	9	89	267	101	13	1	0	0	0	0
2H(14-16)	583	35.2	29.6	5.4	1	11	14	65	185	247	50	10	0	0	0	0
12H(7-19)	2998	34.1	28.5	5.4	12	60	85	453	1192	958	210	25	2	1	0	0
24H(0-24)	3469	34.6	29.0	5.4	12	61	85	481	1331	1151	305	38	4	1	0	0
AM Peak	11:00 243	05:00 37.3	01:00 37.5	08:00 6.0	08:00 1	08:00 13	07:00 12	11:00 52	10:00 151	11:00 60	08:00 15	08:00 1	00:00 0	00:00 0	00:00 0	00:00 0
PM Peak	16:00 326	19:00 37.2	19:00 32.3	13:00 6.5	13:00 9	12:00 17	12:00 14	12:00 88	16:00 122	15:00 156	16:00 37	15:00 7	16:00 1	16:00 1	12:00 0	12:00 0



Direction: Total Flow

Hour Beginning	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<15	Bin 3 15<20	Bin 4 20<25	Bin 5 25<30	Bin 6 30<35	Bin 7 35<40	Bin 8 40<45	Bin 9 45<50	Bin 10 50<55	Bin 11 55<60	Bin 12 >=60
00:00	9	45.0	39.2	5.6	0	0	0	0	0	2	4	1	2	0	0	0
01:00	3	37.5	37.5	0.0	0	0	0	0	0	0	3	0	0	0	0	0
02:00	1	-	37.5	-	0	0	0	0	0	0	1	0	0	0	0	0
03:00	4	38.7	33.8	4.8	0	0	0	0	1	1	2	0	0	0	0	0
04:00	3	46.5	37.5	8.7	0	0	0	0	0	2	0	0	1	0	0	0
05:00	28	43.3	35.7	7.4	0	0	0	3	2	8	8	3	4	0	0	0
06:00	83	40.0	33.5	6.3	0	1	0	4	22	20	23	12	1	0	0	0
07:00	281	39.6	32.3	7.0	0	0	12	35	50	80	72	25	6	0	1	0
08:00	523	39.3	32.2	6.9	1	13	13	31	133	135	148	43	3	3	0	0
09:00	449	38.1	31.8	6.1	0	0	10	40	134	122	110	28	4	0	1	0
10:00	477	36.7	31.1	5.4	0	1	6	38	177	142	91	20	1	1	0	0
11:00	529	36.7	31.1	5.4	0	0	5	56	166	194	83	20	3	1	1	0
12:00	570	36.8	29.9	6.6	0	18	14	91	156	175	86	25	5	0	0	0
13:00	516	37.9	30.6	7.0	9	13	9	52	136	174	87	32	4	0	0	0
14:00	575	38.4	31.7	6.5	3	8	13	43	141	199	129	26	12	1	0	0
15:00	623	39.2	33.4	5.6	0	4	3	28	107	264	154	52	8	2	1	0
16:00	756	39.8	33.8	5.8	1	2	3	34	142	253	243	63	8	5	2	0
17:00	749	40.4	34.2	6.0	0	3	5	31	121	267	211	92	14	3	0	2
18:00	439	40.5	34.9	5.4	0	0	1	8	62	162	138	54	12	1	1	0
19:00	310	41.3	35.1	6.0	0	0	0	9	48	97	107	35	9	3	1	1
20:00	250	41.0	34.9	5.9	0	0	0	9	39	88	67	34	11	2	0	0
21:00	190	41.2	35.1	5.9	0	0	0	3	30	68	60	18	6	4	1	0
22:00	97	40.3	34.1	5.9	0	0	0	4	22	28	27	13	3	0	0	0
23:00	49	40.3	33.6	6.4	0	0	0	4	8	20	11	3	2	1	0	0
Total																
2H(10-12)	1006	36.7	31.1	5.4	0	1	11	94	343	336	174	40	4	2	1	0
2H(14-16)	1198	38.9	32.6	6.1	3	12	16	71	248	463	283	78	20	3	1	0
12H(7-19)	6487	38.9	32.3	6.3	14	62	94	487	1525	2167	1552	480	80	17	7	2
24H(0-24)	7514	39.2	32.7	6.3	14	63	94	523	1697	2501	1865	599	119	27	9	3
AM Peak	11:00 529	04:00 46.5	00:00 39.2	04:00 8.7	08:00 1	08:00 13	08:00 13	11:00 56	10:00 177	11:00 194	08:00 148	08:00 43	07:00 6	08:00 3	07:00 1	00:00 0
PM Peak	16:00 756	19:00 41.3	21:00 35.1	13:00 7.0	13:00 9	12:00 18	12:00 14	12:00 91	12:00 156	17:00 267	16:00 243	17:00 92	17:00 14	16:00 5	16:00 2	17:00 2



# North Wales ATC 5, A547

Direction: Westbound

30/04/2022

Hour Beginning	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<15	Bin 3 15<20	Bin 4 20<25	Bin 5 25<30	Bin 6 30<35	Bin 7 35<40	Bin 8 40<45	Bin 9 45<50	Bin 10 50<55	Bin 11 55<60	Bin 12 >=60
00:00	12	48.3	39.6	8.4	0	0	0	0	2	2	2	2	3	1	0	0
01:00	7	44.5	38.2	6.1	0	0	0	0	1	1	1	4	0	0	0	0
02:00	1	-	27.5	-	0	0	0	0	1	0	0	0	0	0	0	0
03:00	3	37.5	37.5	0.0	0	0	0	0	0	0	3	0	0	0	0	0
04:00	5	43.2	34.5	8.4	0	0	0	0	2	1	1	0	1	0	0	0
05:00	10	48.8	38.5	9.9	0	0	0	2	0	0	4	1	2	1	0	0
06:00	18	42.4	35.3	6.9	0	0	0	0	6	1	8	2	0	1	0	0
07:00	54	42.0	35.7	6.1	0	0	1	2	5	13	21	10	2	0	0	0
08:00	162	43.4	37.2	6.0	0	0	2	2	7	46	57	34	12	1	1	0
09:00	265	42.0	35.8	6.0	0	0	3	8	25	75	98	42	11	3	0	0
10:00	307	40.9	35.4	5.3	0	0	3	3	37	92	125	36	11	0	0	0
11:00	326	41.2	35.5	5.5	0	0	1	3	42	105	121	44	6	1	3	0
12:00	327	41.3	36.2	4.9	0	0	0	2	22	108	145	35	10	4	1	0
13:00	291	41.5	35.8	5.5	0	0	2	3	27	100	108	37	9	5	0	0
14:00	295	40.9	35.9	4.8	0	0	0	1	23	107	115	40	6	2	1	0
15:00	270	41.6	36.3	5.1	0	0	0	0	22	90	106	40	9	1	2	0
16:00	258	42.1	37.0	4.9	0	0	0	1	14	69	114	46	12	2	0	0
17:00	244	42.1	36.6	5.3	0	0	0	0	25	66	96	44	9	4	0	0
18:00	195	41.7	36.4	5.1	0	0	0	1	15	65	70	35	7	2	0	0
19:00	141	44.0	37.4	6.4	0	0	0	1	10	42	48	26	10	1	2	1
20:00	110	42.7	37.6	5.0	0	0	0	0	4	28	50	21	4	3	0	0
21:00	74	42.9	36.3	6.4	0	0	0	1	8	26	23	9	3	4	0	0
22:00	48	44.1	36.8	7.1	0	0	0	0	8	13	14	8	2	2	1	0
23:00	20	48.4	39.9	8.3	0	0	0	0	2	1	10	4	1	1	0	1
Total																
2H(10-12)	633	41.0	35.4	5.4	0	0	4	6	79	197	246	80	17	1	3	0
2H(14-16)	565	41.2	36.1	5.0	0	0	0	1	45	197	221	80	15	3	3	0
12H(7-19)	2994	41.6	36.1	5.3	0	0	12	26	264	936	1176	443	104	25	8	0
24H(0-24)	3443	42.0	36.3	5.5	0	0	12	30	308	1051	1340	520	130	39	11	2
AM Peak	11:00 326	05:00 48.8	00:00 39.6	05:00 9.9	00:00 0	00:00 0	09:00 3	09:00 8	11:00 42	11:00 105	10:00 125	11:00 44	08:00 12	09:00 3	11:00 3	00:00 0
PM Peak	12:00 327	23:00 48.4	23:00 39.9	23:00 8.3	12:00 0	12:00 0	13:00 2	13:00 3	13:00 27	12:00 108	12:00 145	16:00 46	16:00 12	13:00 5	15:00 2	19:00 1



Direction: Eastbound

Hour Beginning	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<15	Bin 3 15<20	Bin 4 20<25	Bin 5 25<30	Bin 6 30<35	Bin 7 35<40	Bin 8 40<45	Bin 9 45<50	Bin 10 50<55	Bin 11 55<60	Bin 12 >=60
00:00	16	41.2	34.7	6.3	0	0	0	1	2	6	4	2	1	0	0	0
01:00	11	40.1	35.2	4.7	0	0	0	0	1	5	3	2	0	0	0	0
02:00	7	41.4	36.8	4.5	0	0	0	0	0	3	2	2	0	0	0	0
03:00	4	42.8	36.3	6.3	0	0	0	0	1	0	2	1	0	0	0	0
04:00	2	37.5	37.5	0.0	0	0	0	0	0	0	2	0	0	0	0	0
05:00	7	40.5	34.6	5.7	0	0	0	0	2	1	3	1	0	0	0	0
06:00	18	38.1	31.9	5.9	0	0	1	0	5	8	2	2	0	0	0	0
07:00	58	38.6	32.8	5.5	0	0	1	4	10	23	15	5	0	0	0	0
08:00	104	38.2	33.2	4.8	0	0	0	5	21	37	36	5	0	0	0	0
09:00	187	35.9	30.9	4.8	0	0	1	15	63	79	23	4	2	0	0	0
10:00	262	34.3	30.0	4.1	0	0	2	25	94	123	16	1	1	0	0	0
11:00	247	35.5	30.6	4.7	0	1	3	18	87	98	36	4	0	0	0	0
12:00	256	34.4	30.0	4.3	0	0	5	19	100	107	24	1	0	0	0	0
13:00	264	34.2	29.4	4.6	0	0	4	41	94	102	21	2	0	0	0	0
14:00	278	33.8	29.0	4.6	0	0	8	39	118	91	20	2	0	0	0	0
15:00	300	35.0	30.7	4.2	0	0	0	25	97	140	35	3	0	0	0	0
16:00	274	34.8	30.2	4.4	0	0	1	29	104	102	36	2	0	0	0	0
17:00	267	35.0	29.9	4.9	0	1	8	26	95	106	27	4	0	0	0	0
18:00	184	35.9	30.8	5.0	0	0	3	18	58	70	31	4	0	0	0	0
19:00	153	35.6	31.1	4.3	0	0	2	6	53	66	24	2	0	0	0	0
20:00	105	34.3	29.7	4.5	0	0	1	14	39	41	9	1	0	0	0	0
21:00	76	35.7	30.8	4.7	0	0	0	5	33	24	11	3	0	0	0	0
22:00	52	36.6	31.3	5.1	0	0	0	5	17	19	8	3	0	0	0	0
23:00	29	37.4	31.5	5.7	0	0	0	5	6	9	8	1	0	0	0	0
Total																
2H(10-12)	509	34.9	30.3	4.4	0	1	5	43	181	221	52	5	1	0	0	0
2H(14-16)	578	34.5	29.9	4.5	0	0	8	64	215	231	55	5	0	0	0	0
12H(7-19)	2681	35.1	30.3	4.7	0	2	36	264	941	1078	320	37	3	0	0	0
24H(0-24)	3161	35.3	30.4	4.7	0	2	40	300	1100	1260	398	57	4	0	0	0
AM Peak	10:00 262	03:00 42.8	04:00 37.5	00:00 6.3	00:00 0	11:00 1	11:00 3	10:00 25	10:00 94	10:00 123	08:00 36	07:00 5	09:00 2	00:00 0	00:00 0	00:00 0
PM Peak	15:00 300	23:00 37.4	23:00 31.5	23:00 5.7	12:00 0	17:00 1	14:00 8	13:00 41	14:00 118	15:00 140	16:00 36	17:00 4	12:00 0	12:00 0	12:00 0	12:00 0



Direction: Total Flow

Hour Beginning	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<15	Bin 3 15<20	Bin 4 20<25	Bin 5 25<30	Bin 6 30<35	Bin 7 35<40	Bin 8 40<45	Bin 9 45<50	Bin 10 50<55	Bin 11 55<60	Bin 12 >=60
00:00	28	44.6	36.8	7.5	0	0	0	1	4	8	6	4	4	1	0	0
01:00	18	41.9	36.4	5.3	0	0	0	0	2	6	4	6	0	0	0	0
02:00	8	41.1	35.6	5.3	0	0	0	0	1	3	2	2	0	0	0	0
03:00	7	41.4	36.8	4.5	0	0	0	0	1	0	5	1	0	0	0	0
04:00	7	42.6	35.4	7.0	0	0	0	0	2	1	3	0	1	0	0	0
05:00	17	45.7	36.9	8.5	0	0	0	2	2	1	7	2	2	1	0	0
06:00	36	40.4	33.6	6.6	0	0	1	0	11	9	10	4	0	1	0	0
07:00	112	40.4	34.2	6.0	0	0	2	6	15	36	36	15	2	0	0	0
08:00	266	41.7	35.7	5.9	0	0	2	7	28	83	93	39	12	1	1	0
09:00	452	40.1	33.8	6.0	0	0	4	23	88	154	121	46	13	3	0	0
10:00	569	38.6	32.9	5.5	0	0	5	28	131	215	141	37	12	0	0	0
11:00	573	39.3	33.4	5.7	0	1	4	21	129	203	157	48	6	1	3	0
12:00	583	39.2	33.5	5.6	0	0	5	21	122	215	169	36	10	4	1	0
13:00	555	39.0	32.7	6.0	0	0	6	44	121	202	129	39	9	5	0	0
14:00	573	38.6	32.5	5.9	0	0	8	40	141	198	135	42	6	2	1	0
15:00	570	39.0	33.4	5.4	0	0	0	25	119	230	141	43	9	1	2	0
16:00	532	39.5	33.5	5.8	0	0	1	30	118	171	150	48	12	2	0	0
17:00	511	39.5	33.1	6.1	0	1	8	26	120	172	123	48	9	4	0	0
18:00	379	39.7	33.7	5.8	0	0	3	19	73	135	101	39	7	2	0	0
19:00	294	40.6	34.1	6.3	0	0	2	7	63	108	72	28	10	1	2	1
20:00	215	40.1	33.7	6.2	0	0	1	14	43	69	59	22	4	3	0	0
21:00	150	40.0	33.5	6.2	0	0	0	6	41	50	34	12	3	4	0	0
22:00	100	40.9	33.9	6.7	0	0	0	5	25	32	22	11	2	2	1	0
23:00	49	43.2	34.9	8.0	0	0	0	5	8	10	18	5	1	1	0	1
<b>Total</b>																
2H(10-12)	1142	39.0	33.2	5.6	0	1	9	49	260	418	298	85	18	1	3	0
2H(14-16)	1143	38.8	33.0	5.6	0	0	8	65	260	428	276	85	15	3	3	0
12H(7-19)	5675	39.4	33.4	5.8	0	2	48	290	1205	2014	1496	480	107	25	8	0
24H(0-24)	6604	39.6	33.5	5.9	0	2	52	330	1408	2311	1738	577	134	39	11	2
<b>AM Peak</b>	11:00 573	05:00 45.7	05:00 36.9	05:00 8.5	00:00 0	11:00 1	10:00 5	10:00 28	10:00 131	10:00 215	11:00 157	11:00 48	09:00 13	09:00 3	11:00 3	00:00 0
<b>PM Peak</b>	12:00 583	23:00 43.2	23:00 34.9	23:00 8.0	12:00 0	17:00 1	14:00 8	13:00 44	14:00 141	15:00 230	12:00 169	16:00 48	16:00 12	13:00 5	15:00 2	19:00 1



North Wales ATC 5, A547

Direction: Westbound																	01/05/2022			
Hour	Total	80th	Mean	Standard	Bin 1	Bin 2	Bin 3	Bin 4	Bin 5	Bin 6	Bin 7	Bin 8	Bin 9	Bin 10	Bin 11	Bin 12				
	Volume	Percentile	Average	Deviation	<10mph	10-15	15-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	>60				
00:00	12	44.2	30.9	5.3	0	0	0	0	0	0	0	0	0	0	0	0				
01:00	13	46.5	39.0	7.2	0	0	0	0	1	3	4	2	2	1	0	0				
02:00	4	13.6	41.8	8.5	0	0	0	0	0	0	0	0	0	0	0	0				
03:00	2	38.7	35.0	3.5	0	0	0	0	0	1	1	0	0	0	0	0				
04:00	1	-	-	-	0	0	0	0	0	0	0	0	0	1	0	0				
05:00	3	47.2	44.2	2.9	0	0	0	0	0	0	0	0	0	0	0	0				
06:00	11	48.1	41.6	6.3	0	0	0	0	0	2	2	4	2	1	0	0				
07:00	38	44.3	37.3	6.7	0	0	0	0	2	12	2	7	1	0	0	0				
08:00	58	44.2	37.2	6.8	0	0	2	0	6	11	18	15	6	0	0	0				
09:00	125	41.7	35.7	5.1	0	0	0	0	12	47	44	15	5	1	0	0				
10:00	109	41.8	36.7	5.0	0	0	0	0	14	59	96	32	6	1	0	0				
11:00	260	40.0	35.2	4.6	0	0	1	2	22	103	103	23	5	1	0	0				
12:00	283	40.1	35.7	4.3	0	0	0	1	12	126	101	37	6	0	0	0				
13:00	284	40.5	35.8	4.6	0	0	0	2	20	102	122	28	9	1	0	0				
14:00	302	40.0	35.5	4.4	0	0	0	0	19	121	108	26	7	0	1	0				
15:00	257	41.0	35.9	4.9	0	0	1	4	14	88	108	34	7	1	0	0				
16:00	333	41.2	36.0	5.0	0	0	0	2	14	74	74	26	8	1	0	0				
17:00	355	40.2	37.2	5.9	0	0	0	1	15	36	59	36	5	3	2	0				
18:00	321	43.0	37.0	5.7	0	0	0	0	13	28	48	25	6	0	0	1				
19:00	305	44.5	38.0	6.2	0	0	0	0	10	21	40	21	20	1	2	0				
20:00	74	44.5	38.0	6.2	0	0	0	0	1	5	16	26	19	4	2	1				
21:00	46	42.6	36.4	6.0	0	0	0	0	1	6	10	17	10	1	1	0				
22:00	24	48.3	41.3	6.8	0	0	0	0	0	1	3	6	8	4	1	1				
23:00	20	45.9	37.3	8.3	0	0	0	0	0	3	7	5	1	2	1	1				
Total																				
2016-12	469	40.8	35.8	4.8	0	0	1	2	36	162	199	55	11	2	0	1				
2014-16	539	40.5	35.7	4.6	0	0	1	4	33	209	216	60	14	1	1	0				
12M7-19	2255	41.1	36.0	5.0	0	0	4	13	163	801	886	304	89	31	3	2				
24M5-24	2570	41.7	36.3	5.2	0	0	4	15	189	867	993	334	98	39	9	2				
AM Peak	11:00	02:00	04:00	02:00	00:00	00:00	08:00	11:00	11:00	11:00	11:00	10:00	08:00	07:00	02:00	10:00				
160	53.6	47.5	9.5	0	0	0	2	2	22	103	103	32	6	2	1	1				
PM Peak	13:00	22:00	22:00	23:00	12:00	12:00	15:00	15:00	13:00	12:00	13:00	12:00	19:00	17:00	17:00	18:00				
204	48.3	46.3	8.3	0	0	1	4	20	126	122	37	30	3	2	1					

360 TSL Ltd

Direction: Eastbound																
Hour	Total Volume	80th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-15	Bin 3 15-20	Bin 4 20-25	Bin 5 25-30	Bin 6 30-35	Bin 7 35-40	Bin 8 40-45	Bin 9 45-50	Bin 10 50-55	Bin 11 55-60	Bin 12 >60
00:00	13	38.0	33.7	4.2	0	0	0	0	3	4	6	0	0	0	0	0
01:00	7	12.4	29.6	2.7	0	0	0	0	0	0	0	0	0	0	0	0
03:00	3	4	33.8	31.3	2.5	0	0	0	0	1	3	0	0	0	0	0
03:00	3	37.7	32.5	5.0	0	0	0	0	1	1	1	0	0	0	0	0
04:00	3	41.5	32.5	8.7	0	0	0	0	1	0	0	2	0	0	0	0
05:00	6	42.1	35.8	6.1	0	0	0	0	1	2	1	2	0	0	0	0
06:00	10	41.1	35.0	5.9	0	0	0	0	1	0	4	3	2	0	0	0
07:00	29	38.0	33.4	4.4	0	0	0	0	7	12	8	2	0	0	0	0
08:00	42	38.6	34.0	4.3	0	0	0	0	7	19	12	0	0	0	0	0
09:00	103	37.1	31.4	5.6	0	1	1	11	22	46	16	6	0	0	0	0
10:00	152	34.5	28.4	5.9	0	1	8	62	64	17	0	0	0	0	0	0
11:00	218	34.5	29.7	4.6	0	0	6	21	89	77	24	1	0	0	0	0
12:00	244	35.3	31.1	4.0	0	0	0	0	12	84	111	34	3	0	0	0
13:00	267	34.6	30.1	4.3	0	0	2	26	91	102	24	0	0	0	0	0
14:00	248	35.0	30.7	4.2	0	0	1	15	92	110	27	2	1	0	0	0
15:00	257	35.2	31.2	3.9	0	0	0	7	7	84	111	32	1	0	0	0
16:00	245	34.8	30.5	4.1	0	1	0	17	85	118	21	3	0	0	0	0
17:00	197	35.6	31.2	4.3	0	0	0	15	96	96	26	4	0	0	0	0
18:00	149	35.5	30.3	5.0	0	0	4	14	52	54	23	7	0	0	0	0
19:00	112	37.2	32.6	4.4	0	0	0	4	23	56	25	3	1	0	0	0
20:00	85	37.2	32.5	4.6	0	0	0	3	19	44	14	0	0	0	0	0
21:00	51	36.6	31.4	5.0	0	0	1	3	14	24	6	3	0	0	0	0
22:00	43	36.8	31.8	4.8	0	0	0	2	14	18	6	0	0	0	0	0
23:00	20	37.1	30.8	5.1	0	0	1	3	14	8	0	1	0	0	0	0
Total	370	34.5	30.0	4.4	0	0	7	29	151	141	41	1	0	0	0	0
2016-12	485	35.1	30.9	4.0	0	0	1	22	176	221	59	5	1	0	0	0
2014-16	2111	35.1	30.7	4.4	0	2	15	146	731	920	264	32	1	0	0	0
12M7-19	2468	35.6	31.0	4.5	0	2	17	163	854	1088	331	50	5	0	0	0
AM Peak	11:00	05:00	05:00	04:00	00:00	09:00	11:00	11:00	11:00	11:00	11:00	09:00	08:00	00:00	00:00	00:00
118	42.1	35.8	8.7	0	1	6	21	89	77	24	6	0	0	0	0	0
PM Peak	14:00	20:00	19:00	23:00	12:00	16:00	18:00	13:00	14:00	16:00	12:00	17:00	14:00	12:00	12:00	12:00
158	37.2	32.6	5.1	0	1	6	30	92	118	95	6	1	0	0	0	0

360 TSL Ltd

Direction: Total Flow																	
Hour Beginning	Total Volume	80th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-15	Bin 3 15-20	Bin 4 20-25	Bin 5 25-30	Bin 6 30-35	Bin 7 35-40	Bin 8 40-45	Bin 9 45-50	Bin 10 50-55	Bin 11 55-60	Bin 12 >60	
00:00	25	41.6	36.1	5.3	0	0	0	0	0	3	7	11	2	2	0	0	
01:00	20	43.5	35.8	7.5	0	0	0	0	0	1	4	6	2	2	1	0	
02:00	8	47.1	37.5	9.3	0	0	0	0	0	0	0	0	0	0	0	0	
03:00	5	37.8	38.5	4.2	0	0	0	0	1	2	2	0	0	0	0	0	
04:00	4	44.8	38.3	10.3	0	0	0	1	0	0	0	2	2	2	1	0	
05:00	9	45.4	38.6	6.5	0	0	0	0	0	1	2	1	4	1	0	0	
06:00	21	46.5	38.5	6.8	0	0	0	0	0	0	6	5	5	1	0	0	
07:00	57	41.5	35.3	6.0	0	0	0	0	0	0	9	24	12	9	1	2	0
08:00	100	42.2	33.7	6.1	0	0	0	0	0	0	13	30	30	21	6	0	
09:00	228	43.7	33.7	5.7	5	1	1	12	34	94	93	60	21	6	0	0	
10:00	381	39.7	34.0	5.5	0	0	1	8	76	123	54	66	22	6	0	0	
11:00	387	47.9	34.7	5.2	0	0	7	23	110	134	93	60	21	6	0	0	
12:00	527	38.5	33.6	4.7	0	0	13	96	267	297	135	40	6	0	0	0	
13:00	531	41.1	35.1	5.3	0	0	2	38	281	318	135	40	6	0	0	0	
14:00	530	38.3	33.2	4.9	0	1	15	111	251	335	135	28	8	0	1	0	
15:00	404	38.8	33.7	5.0	0	1	11	118	298	390	140	37	7	1	0	0	
16:00	488	38.8	33.4	5.3	1	0	19	99	388	426	278	85	15	1	0	0	
17:00	382	39.9	33.8	5.8	0	0	0	16	71	132	85	40	3	3	2	0	
18:00	381	37.3	33.3	6.3	0	0	0	14	65	84	54	23	6	1	0	0	
19:00	217	41.4	35.2	6.0	0	0	0	4	33	67	65	24	11	1	2	0	
20:00	151	41.1	35.0	6.1	0	0	0	0	24	40	34	13	6	1	2	0	
21:00	97	40.0	33.8	6.0	0	0	0	1	4	20	34	23	13	1	1	0	0
22:00	67	42.4	36.2	7.2	0	0	0	3	15	21	12	11	4	1	1	0	0
23:00	46	42.9	36.0	7.8	0	0	0	1	6	16	8	8	4	1	1	0	0
Total																	
2016-12-15	839	38.9	33.3	5.5	0	0	8	31	187	803	2460	536	71	2	0	1	0
2016-12-16	838	38.4	33.4	5.6	0	0	0	29	209	430	278	85	15	1	1	0	0
2016-12-17	4366	39.0	33.4	5.4	0	2	29	109	884	1721	1440	536	70	11	3	2	0
2016-12-24	5038	39.4	33.7	5.5	0	2	21	178	1005	1955	1334	424	101	19	10	1	0
AM Peak	11:00	02:00	05:00	06:00	08:00	11:00	11:00	11:00						08:00	07:00	02:00	11:00
	381	488	388	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8
PM Peak	11:00	22:00	18:00	18:00	12:00	16:00	18:00	13:00	13:00	13:00	13:00	13:00	13:00	18:00	17:00	18:00	18:00
	331	42.5	39.2	7.0	0	1	4	38	311	237	145	40	31	3	1	2	0



# North Wales ATC 5, A547

Direction: Westbound

02/05/2022

Hour Beginning	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<15	Bin 3 15<20	Bin 4 20<25	Bin 5 25<30	Bin 6 30<35	Bin 7 35<40	Bin 8 40<45	Bin 9 45<50	Bin 10 50<55	Bin 11 55<60	Bin 12 >=60
00:00	10	43.0	37.5	5.3	0	0	0	0	0	4	3	2	1	0	0	0
01:00	1	-	37.5	-	0	0	0	0	0	0	1	0	0	0	0	0
02:00	3	38.8	35.8	2.9	0	0	0	0	0	1	2	0	0	0	0	0
03:00	1	-	22.5	-	0	0	0	1	0	0	0	0	0	0	0	0
04:00	3	50.2	44.2	5.8	0	0	0	0	0	0	1	0	2	0	0	0
05:00	10	47.1	40.5	6.3	0	0	0	0	0	2	3	3	1	1	0	0
06:00	23	45.2	37.5	7.4	0	0	1	0	2	4	8	4	4	0	0	0
07:00	52	42.7	37.0	5.4	0	0	1	1	2	8	28	11	0	1	0	0
08:00	85	44.5	37.3	6.9	0	1	2	1	4	16	35	19	5	1	1	0
09:00	140	43.2	36.2	6.7	0	0	3	0	17	38	51	22	5	2	1	1
10:00	183	40.7	35.5	5.1	0	0	1	3	17	61	70	27	4	0	0	0
11:00	271	42.0	36.3	5.5	0	1	1	5	17	83	107	42	13	2	0	0
12:00	272	41.1	36.2	4.8	0	0	0	1	15	101	107	36	11	0	1	0
13:00	261	41.9	36.3	5.4	0	0	0	2	17	95	95	38	10	3	0	1
14:00	243	40.8	35.8	4.8	0	0	0	2	17	94	91	30	7	2	0	0
15:00	251	41.8	37.0	4.7	0	0	0	0	12	75	104	50	9	0	1	0
16:00	200	41.2	35.8	5.3	0	1	0	1	25	53	85	29	5	1	0	0
17:00	217	41.6	36.6	4.9	0	0	0	2	8	77	82	39	7	2	0	0
18:00	167	42.9	36.6	6.1	0	1	2	2	11	45	66	28	9	3	0	0
19:00	97	44.4	37.0	7.1	0	1	0	0	12	25	30	20	5	3	0	1
20:00	59	45.0	37.6	7.2	0	0	0	1	9	10	18	14	4	2	1	0
21:00	46	46.9	39.3	7.4	0	0	0	0	3	9	16	11	4	1	1	1
22:00	26	45.3	39.6	5.5	0	0	0	0	1	3	11	7	3	1	0	0
23:00	19	50.0	41.2	8.5	0	0	0	0	2	4	2	3	5	3	0	0
Total																
2H(10-12)	454	41.5	36.0	5.4	0	1	2	8	34	144	177	69	17	2	0	0
2H(14-16)	494	41.4	36.4	4.8	0	0	0	2	29	169	195	80	16	2	1	0
12H(7-19)	2342	41.8	36.3	5.4	0	4	10	20	162	746	921	371	85	17	4	2
24H(0-24)	2640	42.3	36.5	5.6	0	5	11	22	191	808	1016	435	114	28	6	4
AM Peak	11:00	04:00	04:00	06:00	00:00	08:00	09:00	11:00	09:00	11:00	11:00	11:00	11:00	09:00	08:00	09:00
	271	50.2	44.2	7.4	0	1	3	5	17	83	107	42	13	2	1	1
PM Peak	12:00	23:00	23:00	23:00	12:00	16:00	18:00	13:00	16:00	12:00	12:00	15:00	12:00	13:00	12:00	13:00
	272	50.0	41.2	8.5	0	1	2	2	25	101	107	50	11	3	1	1



Direction: Eastbound

Hour Beginning	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<15	Bin 3 15<20	Bin 4 20<25	Bin 5 25<30	Bin 6 30<35	Bin 7 35<40	Bin 8 40<45	Bin 9 45<50	Bin 10 50<55	Bin 11 55<60	Bin 12 >=60
00:00	9	37.9	33.6	4.2	0	0	0	0	2	3	4	0	0	0	0	0
01:00	4	36.7	32.5	4.1	0	0	0	0	1	2	1	0	0	0	0	0
02:00	5	37.8	33.5	4.2	0	0	0	0	1	2	2	0	0	0	0	0
03:00	3	40.2	34.2	5.8	0	0	0	0	1	0	2	0	0	0	0	0
04:00	4	33.0	30.0	2.9	0	0	0	0	2	2	0	0	0	0	0	0
05:00	11	38.8	32.0	6.5	0	0	1	0	2	5	2	1	0	0	0	0
06:00	18	40.0	33.9	5.9	0	0	1	0	2	7	6	2	0	0	0	0
07:00	39	38.2	34.0	4.0	0	0	0	0	4	23	8	4	0	0	0	0
08:00	70	38.9	34.1	4.6	0	1	0	0	6	35	23	5	0	0	0	0
09:00	132	36.1	31.8	4.2	0	0	0	5	39	60	26	2	0	0	0	0
10:00	191	35.5	30.6	4.7	0	3	2	8	64	90	21	3	0	0	0	0
11:00	253	35.1	30.5	4.4	0	1	1	19	88	116	23	5	0	0	0	0
12:00	254	35.0	30.3	4.5	0	0	9	13	90	112	29	1	0	0	0	0
13:00	232	34.2	29.7	4.4	0	0	6	26	78	107	14	1	0	0	0	0
14:00	258	34.8	30.3	4.4	0	0	2	24	95	104	31	2	0	0	0	0
15:00	288	34.1	30.2	3.8	0	0	1	18	116	130	22	1	0	0	0	0
16:00	380	35.3	28.5	6.5	3	19	23	32	122	145	31	4	1	0	0	0
17:00	386	34.5	27.8	6.5	4	10	45	46	116	133	29	2	1	0	0	0
18:00	204	35.5	29.2	6.0	0	0	17	31	55	73	25	0	3	0	0	0
19:00	127	36.4	31.3	5.0	0	0	3	9	34	54	24	3	0	0	0	0
20:00	94	38.3	32.8	5.3	0	0	0	4	27	32	22	8	1	0	0	0
21:00	49	37.5	31.8	5.5	0	0	0	6	11	20	8	4	0	0	0	0
22:00	21	39.6	33.7	5.7	0	0	0	1	4	9	3	4	0	0	0	0
23:00	14	39.4	33.6	5.6	0	0	0	2	0	6	5	1	0	0	0	0
Total																
2H(10-12)	444	35.3	30.6	4.5	0	4	3	27	152	206	44	8	0	0	0	0
2H(14-16)	546	34.5	30.3	4.1	0	0	3	42	211	234	53	3	0	0	0	0
12H(7-19)	2687	35.4	29.8	5.4	7	34	106	222	873	1128	282	30	5	0	0	0
24H(0-24)	3046	35.7	30.1	5.4	7	34	111	244	960	1270	361	53	6	0	0	0
AM Peak	11:00 253	03:00 40.2	03:00 34.2	05:00 6.5	00:00 0	10:00 3	10:00 2	11:00 19	11:00 88	11:00 116	09:00 26	08:00 5	00:00 0	00:00 0	00:00 0	00:00 0
PM Peak	17:00 386	22:00 39.6	22:00 33.7	17:00 6.5	17:00 4	16:00 19	17:00 45	17:00 46	16:00 122	16:00 145	14:00 31	20:00 8	18:00 3	12:00 0	12:00 0	12:00 0



Direction: Total Flow

Hour Beginning	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<15	Bin 3 15<20	Bin 4 20<25	Bin 5 25<30	Bin 6 30<35	Bin 7 35<40	Bin 8 40<45	Bin 9 45<50	Bin 10 50<55	Bin 11 55<60	Bin 12 >=60
00:00	19	40.9	35.7	5.1	0	0	0	0	2	7	7	2	1	0	0	0
01:00	5	37.8	33.5	4.2	0	0	0	0	1	2	2	0	0	0	0	0
02:00	8	38.2	34.4	3.7	0	0	0	0	1	3	4	0	0	0	0	0
03:00	4	39.0	31.3	7.5	0	0	0	1	1	0	2	0	0	0	0	0
04:00	7	44.9	36.1	8.5	0	0	0	0	2	2	1	0	2	0	0	0
05:00	21	44.0	36.1	7.6	0	0	1	0	2	7	5	4	1	1	0	0
06:00	41	43.1	35.9	6.9	0	0	2	0	4	11	14	6	4	0	0	0
07:00	91	41.0	35.7	5.1	0	0	1	1	6	31	36	15	0	1	0	0
08:00	155	42.2	35.9	6.2	0	2	2	1	10	51	58	24	5	1	1	0
09:00	272	40.3	34.1	6.0	0	0	3	5	56	98	77	24	5	2	1	1
10:00	374	38.7	33.0	5.4	0	3	3	11	81	151	91	30	4	0	0	0
11:00	524	39.5	33.5	5.8	0	2	2	24	105	199	130	47	13	2	0	0
12:00	526	39.0	33.3	5.5	0	0	9	14	105	213	136	37	11	0	1	0
13:00	493	39.3	33.2	6.0	0	0	6	28	95	202	109	39	10	3	0	1
14:00	501	38.5	32.9	5.4	0	0	2	26	112	198	122	32	7	2	0	0
15:00	539	39.0	33.4	5.4	0	0	1	18	128	205	126	51	9	0	1	0
16:00	580	38.3	31.0	7.0	3	20	23	33	147	198	116	33	6	1	0	0
17:00	603	38.5	30.9	7.3	4	10	45	48	124	210	111	41	8	2	0	0
18:00	371	39.9	32.5	7.1	0	1	19	33	66	118	91	28	12	3	0	0
19:00	224	40.6	33.8	6.6	0	1	3	9	46	79	54	23	5	3	0	1
20:00	153	41.4	34.7	6.5	0	0	0	5	36	42	40	22	5	2	1	0
21:00	95	43.1	35.4	7.5	0	0	0	6	14	29	24	15	4	1	1	1
22:00	47	43.5	37.0	6.3	0	0	0	1	5	12	14	11	3	1	0	0
23:00	33	46.5	38.0	8.2	0	0	0	2	2	10	7	4	5	3	0	0
Total																
2H(10-12)	898	39.1	33.3	5.6	0	5	5	35	186	350	221	77	17	2	0	0
2H(14-16)	1040	38.7	33.2	5.4	0	0	3	44	240	403	248	83	16	2	1	0
12H(7-19)	5029	39.3	32.8	6.3	7	38	116	242	1035	1874	1203	401	90	17	4	2
24H(0-24)	5686	39.7	33.1	6.4	7	39	122	266	1151	2078	1377	488	120	28	6	4
AM Peak	11:00 524	04:00 44.9	04:00 36.1	04:00 8.5	00:00 0	10:00 3	09:00 3	11:00 24	11:00 105	11:00 199	11:00 130	11:00 47	11:00 13	09:00 2	08:00 1	09:00 1
PM Peak	17:00 603	23:00 46.5	23:00 38.0	23:00 8.2	17:00 4	16:00 20	17:00 45	17:00 48	16:00 147	12:00 213	12:00 136	15:00 51	18:00 12	13:00 3	12:00 1	13:00 1



# North Wales ATC 5, A547

Direction: Westbound

03/05/2022

Hour Beginning	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<15	Bin 3 15<20	Bin 4 20<25	Bin 5 25<30	Bin 6 30<35	Bin 7 35<40	Bin 8 40<45	Bin 9 45<50	Bin 10 50<55	Bin 11 55<60	Bin 12 >=60
00:00	6	41.2	34.2	6.8	0	0	0	1	0	2	2	1	0	0	0	0
01:00	2	37.5	37.5	0.0	0	0	0	0	0	0	2	0	0	0	0	0
02:00	1	-	37.5	-	0	0	0	0	0	0	1	0	0	0	0	0
03:00	1	-	47.5	-	0	0	0	0	0	0	0	0	1	0	0	0
04:00	4	49.0	40.0	8.7	0	0	0	0	1	0	0	2	1	0	0	0
05:00	14	43.7	35.4	8.0	0	0	1	0	2	4	2	4	1	0	0	0
06:00	52	45.2	38.1	6.8	0	0	0	2	5	9	12	19	3	2	0	0
07:00	177	43.4	37.8	5.4	0	0	0	0	16	34	67	48	9	3	0	0
08:00	282	41.8	36.3	5.3	0	0	1	3	25	75	120	48	7	2	1	0
09:00	207	40.7	35.1	5.4	0	2	1	1	23	72	77	27	3	1	0	0
10:00	230	39.5	34.6	4.7	0	0	0	1	35	91	78	21	3	1	0	0
11:00	277	39.5	34.8	4.6	0	0	0	2	30	118	103	18	4	1	1	0
12:00	271	39.9	34.9	4.8	0	0	0	1	28	125	83	28	5	0	0	1
13:00	227	39.8	34.8	4.8	0	0	0	2	30	92	71	29	2	1	0	0
14:00	276	40.2	34.9	5.1	0	1	1	1	42	89	100	40	2	0	0	0
15:00	250	40.9	35.9	4.9	0	0	0	2	18	89	103	27	9	2	0	0
16:00	267	41.3	35.5	5.6	0	1	1	0	31	92	99	35	3	4	0	1
17:00	302	41.1	35.7	5.2	0	1	1	2	28	103	112	46	8	1	0	0
18:00	224	42.3	36.6	5.5	0	0	0	0	20	66	96	29	7	5	0	1
19:00	141	44.4	38.3	6.0	0	0	1	0	7	28	58	33	10	3	0	1
20:00	84	42.8	36.8	5.7	0	0	0	0	7	28	27	16	3	3	0	0
21:00	83	44.5	37.3	6.9	0	0	0	3	4	20	39	7	5	4	0	1
22:00	41	44.6	37.7	6.6	0	0	0	2	1	11	13	8	5	1	0	0
23:00	13	51.6	41.7	9.5	0	0	0	1	0	1	5	1	2	2	1	0
Total																
2H(10-12)	507	39.5	34.7	4.6	0	0	0	3	65	209	181	39	7	2	1	0
2H(14-16)	526	40.6	35.4	5.0	0	1	1	3	60	178	203	67	11	2	0	0
12H(7-19)	2990	40.9	35.5	5.2	0	5	5	15	326	1046	1109	396	62	21	2	3
24H(0-24)	3432	41.4	35.8	5.4	0	5	7	24	353	1149	1270	487	93	36	3	5
AM Peak	08:00	04:00	03:00	04:00	00:00	09:00	05:00	08:00	10:00	11:00	08:00	07:00	07:00	07:00	08:00	00:00
	282	49.0	47.5	8.7	0	2	1	3	35	118	120	48	9	3	1	0
PM Peak	17:00	23:00	23:00	23:00	12:00	14:00	14:00	21:00	14:00	12:00	17:00	17:00	19:00	18:00	23:00	12:00
	302	51.6	41.7	9.5	0	1	1	3	42	125	112	46	10	5	1	1



Direction: Eastbound

Hour Beginning	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<15	Bin 3 15<20	Bin 4 20<25	Bin 5 25<30	Bin 6 30<35	Bin 7 35<40	Bin 8 40<45	Bin 9 45<50	Bin 10 50<55	Bin 11 55<60	Bin 12 >=60
00:00	5	35.1	30.5	4.5	0	0	0	0	3	1	1	0	0	0	0	0
01:00	3	33.7	25.8	7.6	0	0	1	0	1	1	0	0	0	0	0	0
02:00	3	41.8	35.8	5.8	0	0	0	0	0	2	0	1	0	0	0	0
03:00	1	-	32.5	-	0	0	0	0	0	1	0	0	0	0	0	0
04:00	5	42.2	36.5	5.5	0	0	0	0	0	3	0	2	0	0	0	0
05:00	11	37.8	34.3	3.4	0	0	0	0	1	5	5	0	0	0	0	0
06:00	35	38.0	32.4	5.5	0	0	1	3	5	14	11	1	0	0	0	0
07:00	129	37.2	32.1	4.9	0	0	2	6	31	55	32	2	1	0	0	0
08:00	272	36.1	31.2	4.7	0	1	4	15	80	122	45	4	1	0	0	0
09:00	226	35.3	30.8	4.3	0	0	1	20	64	114	23	4	0	0	0	0
10:00	241	34.2	28.1	5.9	4	4	14	29	95	79	14	2	0	0	0	0
11:00	233	33.4	29.1	4.1	0	0	3	31	99	87	13	0	0	0	0	0
12:00	234	33.0	28.2	4.6	0	0	4	54	95	65	16	0	0	0	0	0
13:00	259	32.6	28.4	4.1	0	0	4	43	127	74	10	1	0	0	0	0
14:00	260	33.8	28.9	4.7	0	0	9	39	103	90	17	2	0	0	0	0
15:00	294	32.8	26.8	5.8	1	5	33	68	88	86	13	0	0	0	0	0
16:00	335	34.4	28.8	5.4	2	6	10	43	127	121	23	3	0	0	0	0
17:00	311	36.1	31.6	4.4	0	0	1	24	70	158	52	6	0	0	0	0
18:00	199	36.9	32.4	4.3	0	0	0	8	44	98	41	8	0	0	0	0
19:00	160	36.2	32.2	3.9	0	0	0	5	36	85	32	2	0	0	0	0
20:00	92	38.0	32.7	5.1	0	0	0	8	15	41	23	4	1	0	0	0
21:00	87	37.4	31.9	5.3	0	0	1	7	22	32	22	2	1	0	0	0
22:00	41	35.6	31.2	4.3	0	0	1	2	10	22	6	0	0	0	0	0
23:00	24	37.1	32.5	4.4	0	0	0	0	9	6	9	0	0	0	0	0
Total																
2H(10-12)	474	33.9	28.6	5.1	4	4	17	60	194	166	27	2	0	0	0	0
2H(14-16)	554	33.4	27.8	5.4	1	5	42	107	191	176	30	2	0	0	0	0
12H(7-19)	2993	34.9	29.5	5.1	7	16	85	380	1023	1149	299	32	2	0	0	0
24H(0-24)	3460	35.2	29.9	5.1	7	16	89	405	1125	1362	408	44	4	0	0	0
AM Peak	08:00	04:00	04:00	01:00	10:00	10:00	10:00	11:00	11:00	08:00	08:00	08:00	07:00	00:00	00:00	00:00
	272	42.2	36.5	7.6	4	4	14	31	99	122	45	4	1	0	0	0
PM Peak	16:00	20:00	20:00	15:00	16:00	16:00	15:00	15:00	13:00	17:00	17:00	18:00	20:00	12:00	12:00	12:00
	335	38.0	32.7	5.8	2	6	33	68	127	158	52	8	1	0	0	0



Direction: Total Flow

Hour Beginning	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<15	Bin 3 15<20	Bin 4 20<25	Bin 5 25<30	Bin 6 30<35	Bin 7 35<40	Bin 8 40<45	Bin 9 45<50	Bin 10 50<55	Bin 11 55<60	Bin 12 >=60
00:00	11	38.6	32.5	5.9	0	0	0	1	3	3	3	1	0	0	0	0
01:00	5	39.2	30.5	8.4	0	0	1	0	1	1	2	0	0	0	0	0
02:00	4	41.2	36.3	4.8	0	0	0	0	0	2	1	1	0	0	0	0
03:00	2	51.0	40.0	10.6	0	0	0	0	0	1	0	0	1	0	0	0
04:00	9	45.1	38.1	6.8	0	0	0	0	1	3	0	4	1	0	0	0
05:00	25	41.4	34.9	6.3	0	0	1	0	3	9	7	4	1	0	0	0
06:00	87	42.9	35.8	6.9	0	0	1	5	10	23	23	20	3	2	0	0
07:00	306	41.5	35.4	5.9	0	0	2	6	47	89	99	50	10	3	0	0
08:00	554	39.7	33.8	5.6	0	1	5	18	105	197	165	52	8	2	1	0
09:00	433	38.4	32.9	5.3	0	2	2	21	87	186	100	31	3	1	0	0
10:00	471	37.7	31.3	6.2	4	4	14	30	130	170	92	23	3	1	0	0
11:00	510	37.6	32.2	5.2	0	0	3	33	129	205	116	18	4	1	1	0
12:00	505	37.8	31.8	5.8	0	0	4	55	123	190	99	28	5	0	0	1
13:00	486	37.1	31.4	5.5	0	0	4	45	157	166	81	30	2	1	0	0
14:00	536	38.0	32.0	5.8	0	1	10	40	145	179	117	42	2	0	0	0
15:00	544	38.3	31.0	7.0	1	5	33	70	106	175	116	27	9	2	0	0
16:00	602	38.4	31.8	6.4	2	7	11	43	158	213	122	38	3	4	0	1
17:00	613	39.0	33.6	5.2	0	1	2	26	98	261	164	52	8	1	0	0
18:00	423	40.2	34.6	5.4	0	0	0	8	64	164	137	37	7	5	0	1
19:00	301	41.1	35.0	5.8	0	0	1	5	43	113	90	35	10	3	0	1
20:00	176	40.7	34.7	5.8	0	0	0	8	22	69	50	20	4	3	0	0
21:00	170	41.5	34.6	6.7	0	0	1	10	26	52	61	9	6	4	0	1
22:00	82	41.2	34.5	6.5	0	0	1	4	11	33	19	8	5	1	0	0
23:00	37	44.0	35.7	7.9	0	0	0	1	9	7	14	1	2	2	1	0
Total																
2H(10-12)	981	37.7	31.7	5.7	4	4	17	63	259	375	208	41	7	2	1	0
2H(14-16)	1080	38.2	31.5	6.4	1	6	43	110	251	354	233	69	11	2	0	0
12H(7-19)	5983	38.7	32.5	5.9	7	21	90	395	1349	2195	1408	428	64	21	2	3
24H(0-24)	6892	39.1	32.8	6.0	7	21	96	429	1478	2511	1678	531	97	36	3	5
AM Peak	08:00 554	03:00 51.0	03:00 40.0	03:00 10.6	10:00 4	10:00 4	10:00 14	11:00 33	10:00 130	11:00 205	08:00 165	08:00 52	07:00 10	07:00 3	08:00 1	00:00 0
PM Peak	17:00 613	23:00 44.0	23:00 35.7	23:00 7.9	16:00 2	16:00 7	15:00 33	15:00 70	16:00 158	17:00 261	17:00 164	17:00 52	19:00 10	18:00 5	23:00 1	12:00 1



# North Wales ATC 5, A547

Direction: Westbound

04/05/2022

Hour Beginning	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<15	Bin 3 15<20	Bin 4 20<25	Bin 5 25<30	Bin 6 30<35	Bin 7 35<40	Bin 8 40<45	Bin 9 45<50	Bin 10 50<55	Bin 11 55<60	Bin 12 >=60
00:00	5	47.0	38.5	8.2	0	0	0	0	0	2	2	0	0	1	0	0
01:00	1	-	42.5	-	0	0	0	0	0	0	0	1	0	0	0	0
02:00	1	-	27.5	-	0	0	0	0	1	0	0	0	0	0	0	0
03:00	2	56.0	45.0	10.6	0	0	0	0	0	0	1	0	0	1	0	0
04:00	3	42.7	37.5	5.0	0	0	0	0	0	1	1	1	0	0	0	0
05:00	13	46.0	38.7	7.1	0	0	0	1	1	1	2	7	1	0	0	0
06:00	54	43.5	37.7	5.6	0	0	0	0	6	9	20	16	2	1	0	0
07:00	171	42.4	36.3	5.9	0	0	0	5	16	48	63	27	9	3	0	0
08:00	296	41.1	36.3	4.7	0	0	0	1	21	95	121	48	10	0	0	0
09:00	220	40.0	34.8	5.0	0	0	0	6	21	93	72	20	8	0	0	0
10:00	203	38.6	34.1	4.4	0	0	0	2	27	99	58	14	3	0	0	0
11:00	237	39.2	34.4	4.6	0	0	1	3	26	110	71	23	3	0	0	0
12:00	249	39.4	34.6	4.7	0	0	0	5	21	121	76	20	5	1	0	0
13:00	234	40.3	35.1	5.0	0	0	0	4	32	72	96	26	3	0	1	0
14:00	288	39.8	35.0	4.6	0	0	0	0	35	115	106	25	5	2	0	0
15:00	260	39.8	35.0	4.7	0	0	0	1	34	94	105	20	4	2	0	0
16:00	275	40.9	35.4	5.2	0	0	1	2	28	104	102	23	12	3	0	0
17:00	341	41.2	36.3	4.7	0	0	1	2	17	120	133	58	9	1	0	0
18:00	179	42.6	37.7	4.7	0	0	0	0	5	50	69	45	9	1	0	0
19:00	144	44.2	38.3	5.7	0	0	0	0	4	38	60	23	13	5	1	0
20:00	83	43.2	37.5	5.4	0	0	0	1	2	22	35	20	2	0	0	1
21:00	59	45.0	37.5	7.2	0	0	0	1	5	18	18	8	6	1	2	0
22:00	53	43.8	38.3	5.3	0	0	0	0	2	10	27	8	4	2	0	0
23:00	5	34.2	28.5	5.5	0	0	0	1	3	0	1	0	0	0	0	0
Total																
2H(10-12)	440	38.9	34.3	4.5	0	0	1	5	53	209	129	37	6	0	0	0
2H(14-16)	548	39.8	35.0	4.6	0	0	0	1	69	209	211	45	9	4	0	0
12H(7-19)	2953	40.5	35.4	4.9	0	0	3	31	283	1121	1072	349	80	13	1	0
24H(0-24)	3376	41.0	35.7	5.1	0	0	3	35	307	1222	1239	433	108	24	4	1
AM Peak	08:00	03:00	03:00	03:00	00:00	00:00	11:00	09:00	10:00	11:00	08:00	08:00	08:00	07:00	00:00	00:00
	296	56.0	45.0	10.6	0	0	1	6	27	110	121	48	10	3	0	0
PM Peak	17:00	21:00	19:00	21:00	12:00	12:00	16:00	12:00	14:00	12:00	17:00	17:00	19:00	19:00	21:00	20:00
	341	45.0	38.3	7.2	0	0	1	5	35	121	133	58	13	5	2	1



Direction: Eastbound

Hour Beginning	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<15	Bin 3 15<20	Bin 4 20<25	Bin 5 25<30	Bin 6 30<35	Bin 7 35<40	Bin 8 40<45	Bin 9 45<50	Bin 10 50<55	Bin 11 55<60	Bin 12 >=60
00:00	5	39.8	32.5	7.1	0	0	0	1	0	3	0	1	0	0	0	0
01:00	2	32.5	32.5	0.0	0	0	0	0	0	2	0	0	0	0	0	0
02:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
03:00	3	33.8	30.8	2.9	0	0	0	0	1	2	0	0	0	0	0	0
04:00	2	44.8	37.5	7.1	0	0	0	0	0	1	0	1	0	0	0	0
05:00	12	38.0	34.6	3.3	0	0	0	0	1	5	6	0	0	0	0	0
06:00	28	37.3	32.0	5.2	0	0	0	4	3	14	6	1	0	0	0	0
07:00	141	36.2	31.3	4.7	0	0	1	13	35	64	25	3	0	0	0	0
08:00	264	34.6	30.5	3.9	0	0	3	17	83	139	21	1	0	0	0	0
09:00	235	33.0	27.6	5.2	0	3	19	42	86	76	9	0	0	0	0	0
10:00	213	33.4	28.5	4.8	0	1	13	24	89	76	10	0	0	0	0	0
11:00	215	34.2	29.1	5.0	0	1	9	30	73	85	16	1	0	0	0	0
12:00	214	34.7	29.7	4.8	0	2	3	24	80	81	23	1	0	0	0	0
13:00	206	34.1	29.5	4.4	0	0	4	20	92	70	19	1	0	0	0	0
14:00	260	34.9	29.0	5.7	3	6	9	23	100	92	26	1	0	0	0	0
15:00	297	34.6	30.0	4.5	0	0	5	31	107	123	28	3	0	0	0	0
16:00	347	34.8	30.0	4.6	1	1	7	28	119	163	24	3	1	0	0	0
17:00	296	36.3	31.2	4.9	0	1	6	22	75	133	54	5	0	0	0	0
18:00	185	37.6	32.3	5.1	0	0	0	13	47	71	44	8	2	0	0	0
19:00	155	36.8	31.4	5.2	0	0	5	14	28	75	29	4	0	0	0	0
20:00	95	37.0	32.6	4.3	0	0	0	1	25	46	19	3	1	0	0	0
21:00	65	38.0	32.8	5.0	0	0	0	5	12	25	20	3	0	0	0	0
22:00	45	37.6	32.2	5.3	0	0	0	2	14	17	11	0	0	1	0	0
23:00	24	41.0	33.1	7.6	0	0	1	4	2	6	6	5	0	0	0	0
Total																
2H(10-12)	428	33.9	28.8	4.9	0	2	22	54	162	161	26	1	0	0	0	0
2H(14-16)	557	34.8	29.5	5.1	3	6	14	54	207	215	54	4	0	0	0	0
12H(7-19)	2873	35.0	29.9	5.0	4	15	79	287	986	1173	299	27	3	0	0	0
24H(0-24)	3309	35.4	30.2	5.0	4	15	85	318	1072	1369	396	45	4	1	0	0
AM Peak	08:00 264	04:00 44.8	04:00 37.5	00:00 7.1	00:00 0	09:00 3	09:00 19	09:00 42	10:00 89	08:00 139	07:00 25	07:00 3	00:00 0	00:00 0	00:00 0	00:00 0
PM Peak	16:00 347	23:00 41.0	23:00 33.1	23:00 7.6	14:00 3	14:00 6	14:00 9	15:00 31	16:00 119	16:00 163	17:00 54	18:00 8	18:00 2	22:00 1	12:00 0	12:00 0



Direction: Total Flow

Hour Beginning	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<15	Bin 3 15<20	Bin 4 20<25	Bin 5 25<30	Bin 6 30<35	Bin 7 35<40	Bin 8 40<45	Bin 9 45<50	Bin 10 50<55	Bin 11 55<60	Bin 12 >=60
00:00	10	43.7	35.5	7.9	0	0	0	1	0	5	2	1	0	1	0	0
01:00	3	41.8	35.8	5.8	0	0	0	0	0	2	0	1	0	0	0	0
02:00	1	-	27.5	-	0	0	0	0	1	0	0	0	0	0	0	0
03:00	5	46.5	36.5	9.6	0	0	0	0	1	2	1	0	0	1	0	0
04:00	5	42.7	37.5	5.0	0	0	0	0	0	2	1	2	0	0	0	0
05:00	25	42.8	36.7	5.9	0	0	0	1	2	6	8	7	1	0	0	0
06:00	82	42.0	35.7	6.1	0	0	0	4	9	23	26	17	2	1	0	0
07:00	312	40.2	34.1	5.9	0	0	1	18	51	112	88	30	9	3	0	0
08:00	560	39.0	33.6	5.2	0	0	3	18	104	234	142	49	10	0	0	0
09:00	455	37.6	31.1	6.3	0	3	19	48	107	169	81	20	8	0	0	0
10:00	416	36.8	31.2	5.4	0	1	13	26	116	175	68	14	3	0	0	0
11:00	452	37.6	31.9	5.5	0	1	10	33	99	195	87	24	3	0	0	0
12:00	463	37.8	32.3	5.3	0	2	3	29	101	202	99	21	5	1	0	0
13:00	440	38.2	32.5	5.5	0	0	4	24	124	142	115	27	3	0	1	0
14:00	548	38.4	32.1	6.0	3	6	9	23	135	207	132	26	5	2	0	0
15:00	557	37.7	32.3	5.2	0	0	5	32	141	217	133	23	4	2	0	0
16:00	622	38.2	32.4	5.6	1	1	8	30	147	267	126	26	13	3	0	0
17:00	637	39.5	33.9	5.4	0	1	7	24	92	253	187	63	9	1	0	0
18:00	364	40.8	34.9	5.6	0	0	0	13	52	121	113	53	11	1	0	0
19:00	299	41.4	34.7	6.4	0	0	5	14	32	113	89	27	13	5	1	0
20:00	178	40.5	34.9	5.4	0	0	0	2	27	68	54	23	3	0	0	1
21:00	124	41.8	35.0	6.5	0	0	0	6	17	43	38	11	6	1	2	0
22:00	98	41.8	35.5	6.1	0	0	0	2	16	27	38	8	4	3	0	0
23:00	29	40.0	32.3	7.4	0	0	1	5	5	6	7	5	0	0	0	0
Total																
2H(10-12)	868	37.2	31.6	5.4	0	2	23	59	215	370	155	38	6	0	0	0
2H(14-16)	1105	38.0	32.2	5.6	3	6	14	55	276	424	265	49	9	4	0	0
12H(7-19)	5826	38.5	32.7	5.7	4	15	82	318	1269	2294	1371	376	83	13	1	0
24H(0-24)	6685	39.0	33.0	5.8	4	15	88	353	1379	2591	1635	478	112	25	4	1
AM Peak	08:00 560	03:00 46.5	04:00 37.5	03:00 9.6	00:00 0	09:00 3	09:00 19	09:00 48	10:00 116	08:00 234	08:00 142	08:00 49	08:00 10	07:00 3	00:00 0	00:00 0
PM Peak	17:00 637	21:00 41.8	22:00 35.5	23:00 7.4	14:00 3	14:00 6	14:00 9	15:00 32	16:00 147	16:00 267	17:00 187	17:00 63	16:00 13	19:00 5	21:00 2	20:00 1



North Wales ATC 5, A547

Direction: Westbound

Hour Beginning	Thu 05/05/2022	Fri 06/05/2022	Sat 07/05/2022	Sun 08/05/2022	Mon 09/05/2022	Tue 10/05/2022	Wed 11/05/2022	5-Day Ave.	7-Day Ave.
00:00	3	5	10	17	10	4	2	5	7
01:00	3	1	7	6	4	4	0	2	4
02:00	2	3	0	2	0	1	1	1	1
03:00	2	3	2	5	1	3	4	3	3
04:00	3	5	2	3	6	2	7	5	4
05:00	14	18	11	4	17	17	17	17	14
06:00	46	53	17	15	46	52	49	49	40
07:00	169	170	64	36	163	168	159	166	133
08:00	263	281	162	54	306	297	272	284	234
09:00	203	218	200	153	229	232	224	221	208
10:00	241	250	274	222	230	248	231	240	242
11:00	275	257	335	269	236	253	285	259	271
12:00	277	257	290	292	266	239	301	268	275
13:00	265	256	354	260	240	243	236	248	265
14:00	286	275	268	282	289	278	266	279	278
15:00	277	276	228	235	235	234	244	257	250
16:00	279	337	233	197	235	308	293	290	269
17:00	300	333	203	127	290	291	251	293	256
18:00	212	226	195	129	188	183	195	201	190
19:00	126	151	137	82	142	129	148	139	131
20:00	109	106	98	62	87	77	193	114	105
21:00	76	75	52	56	49	59	121	76	70
22:00	54	53	55	18	27	34	93	52	48
23:00	16	23	25	13	15	13	37	21	20
Total									
12H(7-19)	3047	3136	2806	2256	2917	2974	2957	3006	2870
18H(6-22)	3404	3521	3110	2471	3241	3251	3468	3385	3215
18H(6-24)	3474	3587	3190	2502	3283	3338	3598	3458	3283
24H(0-24)	3501	3632	3222	2539	3321	3369	3629	3490	3316
AM Peak	11:00	08:00	11:00	11:00	08:00	08:00	11:00	08:00	11:00
	275	281	335	269	306	297	285	284	271
PM Peak	17:00	16:00	13:00	12:00	17:00	16:00	12:00	17:00	14:00
	300	337	354	282	290	308	301	293	278

360 TSL Ltd

Direction: Eastbound

Hour Beginning	Thu 05/05/2022	Fri 06/05/2022	Sat 07/05/2022	Sun 08/05/2022	Mon 09/05/2022	Tue 10/05/2022	Wed 11/05/2022	5-Day Ave.	7-Day Ave.
00:00	2	7	15	25	7	2	10	6	10
01:00	1	5	9	7	4	0	2	2	4
02:00	2	2	2	1	1	0	0	1	1
03:00	2	4	1	3	2	1	7	3	3
04:00	2	1	4	2	2	2	1	2	2
05:00	13	9	5	5	15	12	10	12	10
06:00	38	32	20	10	38	41	33	36	30
07:00	124	125	45	36	134	144	144	134	107
08:00	270	238	102	46	255	257	262	256	204
09:00	201	212	174	110	238	240	238	226	202
10:00	223	241	197	177	215	187	214	216	208
11:00	247	262	297	229	237	234	240	244	249
12:00	245	241	279	278	266	239	235	245	255
13:00	261	255	276	248	249	240	235	248	252
14:00	252	285	309	258	224	219	263	249	259
15:00	331	351	270	260	322	314	302	324	307
16:00	350	333	275	225	306	308	316	323	302
17:00	304	280	267	183	310	327	305	305	282
18:00	201	232	215	130	165	189	200	197	190
19:00	150	144	149	101	135	145	157	146	140
20:00	122	95	118	70	103	119	176	123	115
21:00	81	73	72	48	55	65	125	80	74
22:00	54	66	56	29	39	39	79	55	52
23:00	20	27	29	19	8	15	50	24	24
Total									
12H(7-19)	3009	3055	2706	2180	2921	2898	2954	2967	2818
18H(6-22)	3400	3399	3065	2409	3252	3208	3445	3353	3177
18H(6-24)	3474	3492	3150	2457	3299	3222	3574	3422	3253
24H(0-24)	3496	3520	3186	2500	3330	3339	3604	3458	3282
AM Peak	08:00	11:00	11:00	11:00	08:00	08:00	08:00	08:00	11:00
	279	362	397	229	255	257	262	256	249
PM Peak	16:00	15:00	14:00	12:00	15:00	17:00	16:00	15:00	15:00
	350	351	309	278	322	327	316	324	307

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Thu 05/05/2022	Fri 06/05/2022	Sat 07/05/2022	Sun 08/05/2022	Mon 09/05/2022	Tue 10/05/2022	Wed 11/05/2022	5-Day Ave.	7-Day Ave.
00:00	5	12	25	42	17	6	12	10	17
01:00	4	6	16	13	8	4	2	5	8
02:00	4	5	2	3	1	1	1	2	2
03:00	4	7	3	8	3	4	11	6	6
04:00	5	6	6	5	8	4	8	6	6
05:00	27	27	16	9	32	29	27	28	24
06:00	84	85	37	25	84	93	82	86	70
07:00	283	295	109	72	297	312	303	300	240
08:00	533	519	264	100	561	554	534	540	438
09:00	404	430	374	263	467	472	462	447	410
10:00	464	491	471	399	445	435	445	456	450
11:00	522	519	632	498	463	487	525	503	521
12:00	522	498	569	570	532	478	536	513	529
13:00	526	511	630	508	489	483	471	496	517
14:00	538	560	577	540	513	497	529	527	536
15:00	608	627	498	495	577	548	546	581	557
16:00	629	670	508	422	541	616	609	613	571
17:00	604	613	470	310	600	618	556	598	539
18:00	413	458	410	259	353	372	395	398	380
19:00	276	295	286	183	277	274	305	285	271
20:00	231	201	216	132	190	196	369	237	219
21:00	157	148	124	104	104	124	246	154	144
22:00	108	119	111	47	66	73	172	108	99
23:00	36	50	54	32	23	28	87	45	44
Total									
12H(7-19)	6056	6191	5512	4436	5838	5872	5911	5974	5688
18H(6-22)	6804	6920	6175	4880	6493	6559	6913	6738	6392
18H(6-24)	6948	7089	6340	4959	6582	6660	7172	6890	6536
24H(0-24)	6997	7152	6408	5039	6651	6708	7233	6948	6598
AM Peak	08:00	08:00	11:00	11:00	08:00	08:00	08:00	08:00	11:00
	533	519	632	498	561	554	534	540	521
PM Peak	16:00	16:00	13:00	12:00	17:00	17:00	16:00	16:00	16:00
	629	670	630	570	600	618	609	613	571

360 TSL Ltd



Two-way 670  
One way westbound 354  
One-way eastbound 351



North Wales ATC 5, A547

Direction: Westbound

	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 5 May 2022	3501	2949	454	6	92
Fri 6 May 2022	3632	3086	456	3	87
Sat 7 May 2022	3222	2884	250	4	84
Sun 8 May 2022	2539	2299	199	2	39
Mon 9 May 2022	3321	2837	384	3	97
Tue 10 May 2022	3369	2875	391	1	102
Wed 11 May 2022	3629	3109	422	6	92
5 Day Ave.	3490	2971	421	4	94
7 Day Ave.	3316	2863	365	4	85

Direction: Eastbound

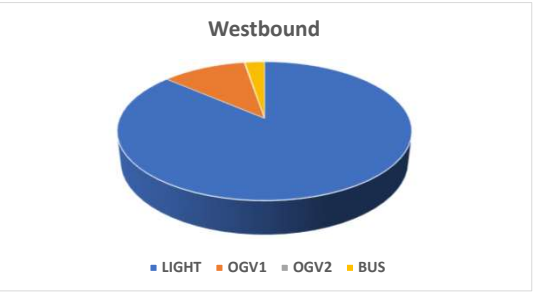
	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 5 May 2022	3496	2973	440	4	79
Fri 6 May 2022	3520	3001	425	9	85
Sat 7 May 2022	3186	2850	263	6	67
Sun 8 May 2022	2500	2287	177	9	27
Mon 9 May 2022	3330	2880	376	4	70
Tue 10 May 2022	3339	2854	394	10	81
Wed 11 May 2022	3604	3154	380	4	66
5 Day Ave.	3458	2972	403	6	76
7 Day Ave.	3282	2857	351	7	68

Direction: Total Flow

	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 5 May 2022	6997	5922	894	10	171
Fri 6 May 2022	7152	6087	881	12	172
Sat 7 May 2022	6408	5734	513	10	151
Sun 8 May 2022	5039	4586	376	11	66
Mon 9 May 2022	6651	5717	760	7	167
Tue 10 May 2022	6708	5729	785	11	183
Wed 11 May 2022	7233	6263	802	10	158
5 Day Ave.	6948	5944	824	10	170
7 Day Ave.	6598	5720	716	10	153

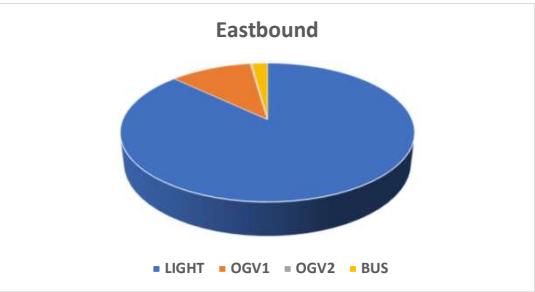
	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 5 May 2022	100.0%	84.2%	13.0%	0.2%	2.6%
Fri 6 May 2022	100.0%	85.0%	12.6%	0.1%	2.4%
Sat 7 May 2022	100.0%	89.5%	7.8%	0.1%	2.6%
Sun 8 May 2022	100.0%	90.5%	7.8%	0.1%	1.5%
Mon 9 May 2022	100.0%	85.4%	11.6%	0.1%	2.9%
Tue 10 May 2022	100.0%	85.3%	11.6%	0.0%	3.0%
Wed 11 May 2022	100.0%	85.7%	11.6%	0.2%	2.5%
5 Day Ave.	100.0%	85.1%	12.1%	0.1%	2.7%
7 Day Ave.	100.0%	86.3%	11.0%	0.1%	2.6%

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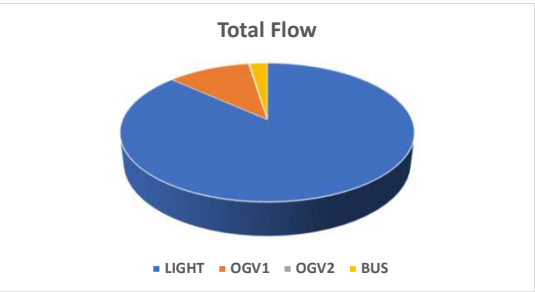
	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 5 May 2022	100.0%	85.0%	12.6%	0.1%	2.3%
Fri 6 May 2022	100.0%	85.3%	12.1%	0.3%	2.4%
Sat 7 May 2022	100.0%	89.5%	8.3%	0.2%	2.1%
Sun 8 May 2022	100.0%	91.5%	7.1%	0.4%	1.1%
Mon 9 May 2022	100.0%	86.5%	11.3%	0.1%	2.1%
Tue 10 May 2022	100.0%	85.5%	11.8%	0.3%	2.4%
Wed 11 May 2022	100.0%	87.5%	10.5%	0.1%	1.8%
5 Day Ave.	100.0%	86.0%	11.7%	0.2%	2.2%
7 Day Ave.	100.0%	87.0%	10.7%	0.2%	2.1%

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	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 5 May 2022	100.0%	84.6%	12.8%	0.1%	2.4%
Fri 6 May 2022	100.0%	85.1%	12.3%	0.2%	2.4%
Sat 7 May 2022	100.0%	89.5%	8.0%	0.2%	2.4%
Sun 8 May 2022	100.0%	91.0%	7.5%	0.2%	1.3%
Mon 9 May 2022	100.0%	86.0%	11.4%	0.1%	2.5%
Tue 10 May 2022	100.0%	85.4%	11.7%	0.2%	2.7%
Wed 11 May 2022	100.0%	86.6%	11.1%	0.1%	2.2%
5 Day Ave.	100.0%	85.5%	11.9%	0.1%	2.4%
7 Day Ave.	100.0%	86.7%	10.8%	0.2%	2.3%

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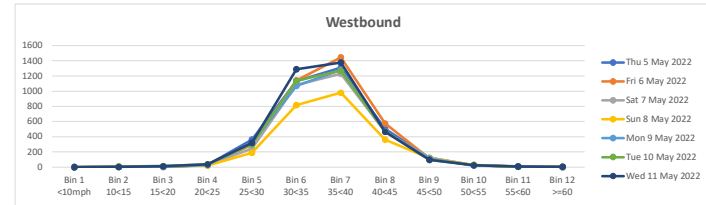


## North Wales ATC 5, A547

Direction: Westbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<15	Bin 3 15<20	Bin 4 20<25	Bin 5 25<30	Bin 6 30<35	Bin 7 35<40	Bin 8 40<45	Bin 9 45<50	Bin 10 50<55	Bin 11 55<60	Bin 12 >=60
Thu 5 May 2022	3501	41.5	35.9	5.4	0	2	5	28	361	1131	1310	506	120	26	8	4
Fri 6 May 2022	3632	41.6	36.3	5.1	0	2	4	23	294	1140	1443	575	115	27	8	1
Sat 7 May 2022	3222	41.8	36.2	5.4	0	2	11	28	244	1080	1229	465	124	26	8	5
Sun 8 May 2022	2539	42.2	36.4	5.7	0	4	11	20	189	815	979	361	117	30	9	4
Mon 9 May 2022	3321	41.5	36.0	5.3	1	3	3	31	313	1070	1281	473	113	22	10	1
Tue 10 May 2022	3369	41.4	35.8	5.4	1	7	14	37	301	1136	1269	469	98	30	5	2
Wed 11 May 2022	3629	41.2	35.7	5.3	0	2	10	36	320	1287	1376	465	96	23	8	6
5 Day Ave.	3490	41.4	35.9	5.3	0	3	7	31	318	1153	1336	498	108	26	8	3
7 Day Ave.	3316	41.6	36.0	5.4	0	3	8	29	289	1094	1270	473	112	26	8	3

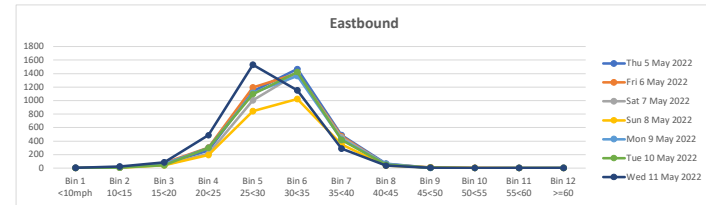
360 TSL Ltd



Direction: Eastbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<15	Bin 3 15<20	Bin 4 20<25	Bin 5 25<30	Bin 6 30<35	Bin 7 35<40	Bin 8 40<45	Bin 9 45<50	Bin 10 50<55	Bin 11 55<60	Bin 12 >=60
Thu 5 May 2022	3496	35.8	30.7	4.9	2	6	61	260	1139	1468	488	65	3	1	3	0
Fri 6 May 2022	3520	35.6	30.5	5.0	0	9	73	302	1195	1405	471	53	8	2	0	2
Sat 7 May 2022	3186	35.8	30.9	4.7	0	10	45	210	1005	1396	455	57	8	0	0	0
Sun 8 May 2022	2500	35.6	30.6	4.8	1	5	42	194	843	1023	352	34	6	0	0	0
Mon 9 May 2022	3330	35.5	30.4	4.9	1	6	59	300	1115	1366	422	58	1	0	0	2
Tue 10 May 2022	3339	35.4	30.5	4.7	1	9	42	300	1097	1423	415	48	4	0	0	0
Wed 11 May 2022	3604	34.1	29.1	4.8	2	22	85	485	1532	1151	288	35	4	0	0	0
5 Day Ave.	3458	35.3	30.2	4.9	1	10	64	329	1216	1363	417	52	4	1	1	1
7 Day Ave.	3282	35.4	30.4	4.8	1	10	58	293	1132	1319	413	50	5	0	0	1

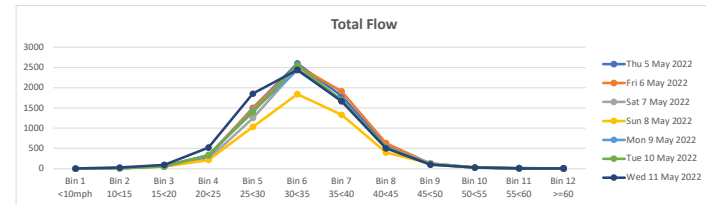
360 TSL Ltd



Direction: Total Flow

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<15	Bin 3 15<20	Bin 4 20<25	Bin 5 25<30	Bin 6 30<35	Bin 7 35<40	Bin 8 40<45	Bin 9 45<50	Bin 10 50<55	Bin 11 55<60	Bin 12 >=60
Thu 5 May 2022	6997	39.3	33.3	5.8	2	8	66	288	1500	2599	1798	571	123	27	11	4
Fri 6 May 2022	7152	39.5	33.4	5.8	0	11	77	325	1489	2545	1914	628	123	29	8	3
Sat 7 May 2022	6408	39.5	33.6	5.7	0	12	56	238	1249	2476	1684	522	132	26	8	5
Sun 8 May 2022	5039	39.7	33.5	6.0	1	9	53	214	1032	1838	1331	395	123	30	9	4
Mon 9 May 2022	6651	39.2	33.2	5.8	2	9	62	331	1428	2436	1703	531	114	22	10	3
Tue 10 May 2022	6708	39.1	33.1	5.7	2	16	56	337	1398	2559	1684	517	102	30	5	2
Wed 11 May 2022	7233	38.7	32.4	6.1	2	24	95	521	1852	2438	1664	500	100	23	8	6
5 Day Ave.	6948	39.1	33.1	5.8	2	14	71	360	1533	2515	1753	549	112	26	8	4
7 Day Ave.	6598	39.3	33.2	5.8	1	13	66	322	1421	2413	1683	523	117	27	8	4

360 TSL Ltd





## North Wales ATC 5, A547

Direction: Westbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<15	Bin 3 15<20	Bin 4 20<25	Bin 5 25<30	Bin 6 30<35	Bin 7 35<40	Bin 8 40<45	Bin 9 45<50	Bin 10 50<55	Bin 11 55<60	Bin 12 >=60
Thu 5 May 2022	516	39.9	35.1	4.7	0	0	1	4	56	194	206	43	10	1	1	0
Fri 6 May 2022	507	40.0	35.0	4.8	0	1	1	5	66	166	213	46	8	1	0	0
Sat 7 May 2022	609	40.4	35.3	4.9	0	1	2	4	52	235	240	54	19	1	1	0
Sun 8 May 2022	491	40.9	35.7	5.0	0	0	3	2	33	188	193	51	17	3	1	0
Mon 9 May 2022	456	40.6	35.2	5.3	0	1	1	8	48	162	179	44	7	4	2	0
Tue 10 May 2022	501	39.7	34.5	5.0	1	2	2	9	48	206	184	41	8	0	0	0
Wed 11 May 2022	516	39.6	35.0	4.5	0	0	1	2	52	212	196	44	7	1	1	0
5 Day Ave.	499	40.0	34.9	4.9	0	1	1	6	54	188	196	44	8	1	1	0
7 Day Ave.	514	40.2	35.1	4.9	0	1	2	5	51	195	202	46	11	2	1	0

360 TSL Ltd

Direction: Eastbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<15	Bin 3 15<20	Bin 4 20<25	Bin 5 25<30	Bin 6 30<35	Bin 7 35<40	Bin 8 40<45	Bin 9 45<50	Bin 10 50<55	Bin 11 55<60	Bin 12 >=60
Thu 5 May 2022	470	34.5	30.1	4.3	0	2	4	33	194	190	43	4	0	0	0	0
Fri 6 May 2022	503	34.8	29.8	4.8	0	1	14	45	198	196	42	4	2	1	0	0
Sat 7 May 2022	494	35.0	30.5	4.3	0	0	4	40	166	226	51	7	0	0	0	0
Sun 8 May 2022	406	35.0	29.9	4.9	1	0	10	40	158	142	50	5	0	0	0	0
Mon 9 May 2022	452	34.7	29.5	5.0	0	0	12	46	195	158	37	2	0	0	0	2
Tue 10 May 2022	421	34.5	29.5	4.8	1	3	7	48	162	164	30	6	0	0	0	0
Wed 11 May 2022	454	34.8	30.4	4.2	0	1	2	32	172	196	46	5	0	0	0	0
5 Day Ave.	460	34.6	29.9	4.6	0	1	8	41	184	181	40	4	0	0	0	0
7 Day Ave.	457	34.7	30.0	4.6	0	1	8	41	178	182	43	5	0	0	0	0

360 TSL Ltd

Direction: Total Flow



	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<15	Bin 3 15<20	Bin 4 20<25	Bin 5 25<30	Bin 6 30<35	Bin 7 35<40	Bin 8 40<45	Bin 9 45<50	Bin 10 50<55	Bin 11 55<60	Bin 12 >=60
Thu 5 May 2022	986	38.0	32.7	5.1	0	2	5	37	250	384	249	47	10	1	1	0
Fri 6 May 2022	1010	38.0	32.4	5.5	0	2	15	50	264	362	255	50	10	2	0	0
Sat 7 May 2022	1103	38.6	33.2	5.2	0	1	6	44	218	461	291	61	19	1	1	0
Sun 8 May 2022	897	39.0	33.1	5.7	1	0	13	42	191	330	243	56	17	3	1	0
Mon 9 May 2022	908	38.4	32.4	5.9	0	1	13	54	243	320	216	46	7	4	2	2
Tue 10 May 2022	922	37.9	32.2	5.5	2	5	9	57	210	370	214	47	8	0	0	0
Wed 11 May 2022	970	37.9	32.8	4.9	0	1	3	34	224	408	242	49	7	1	1	0
5 Day Ave.	959	38.1	32.5	5.4	0	2	9	46	238	369	235	48	8	2	1	0
7 Day Ave.	971	38.3	32.7	5.4	0	2	9	45	229	376	244	51	11	2	1	0

360 TSL Ltd



## North Wales ATC 5, A547

Direction: Westbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<15	Bin 3 15<20	Bin 4 20<25	Bin 5 25<30	Bin 6 30<35	Bin 7 35<40	Bin 8 40<45	Bin 9 45<50	Bin 10 50<55	Bin 11 55<60	Bin 12 >=60
Thu 5 May 2022	563	40.9	35.4	5.3	0	0	1	0	70	204	206	63	13	3	1	2
Fri 6 May 2022	551	40.3	35.4	4.7	0	0	2	1	52	203	218	61	13	1	0	0
Sat 7 May 2022	496	41.5	35.8	5.5	0	0	3	5	47	167	189	60	18	4	3	0
Sun 8 May 2022	517	40.9	35.8	4.9	0	0	2	2	34	199	191	71	16	1	1	0
Mon 9 May 2022	544	40.6	35.2	5.2	1	1	0	5	57	204	205	53	14	2	2	0
Tue 10 May 2022	512	40.5	35.3	5.0	0	0	3	4	50	189	198	51	13	4	0	0
Wed 11 May 2022	510	39.9	34.8	4.9	0	0	1	5	58	216	163	58	8	0	0	1
5 Day Ave.	536	40.4	35.2	5.0	0	0	1	3	57	203	198	57	12	2	1	1
7 Day Ave.	528	40.6	35.4	5.1	0	0	2	3	53	197	196	60	14	2	1	0

360 TSL Ltd

Direction: Eastbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<15	Bin 3 15<20	Bin 4 20<25	Bin 5 25<30	Bin 6 30<35	Bin 7 35<40	Bin 8 40<45	Bin 9 45<50	Bin 10 50<55	Bin 11 55<60	Bin 12 >=60
Thu 5 May 2022	583	34.5	30.0	4.4	0	0	11	55	212	248	55	2	0	0	0	0
Fri 6 May 2022	636	34.1	28.8	5.1	0	4	31	92	236	223	45	4	1	0	0	0
Sat 7 May 2022	579	35.2	30.8	4.2	0	1	5	37	182	280	68	6	0	0	0	0
Sun 8 May 2022	518	34.0	29.8	4.1	0	0	6	49	203	219	41	0	0	0	0	0
Mon 9 May 2022	546	34.1	29.2	4.7	0	0	21	67	214	194	48	2	0	0	0	0
Tue 10 May 2022	533	34.2	29.8	4.2	0	0	8	52	203	231	35	4	0	0	0	0
Wed 11 May 2022	565	32.0	27.9	4.0	0	0	14	91	313	127	19	1	0	0	0	0
5 Day Ave.	573	33.8	29.1	4.5	0	1	17	71	236	205	40	3	0	0	0	0
7 Day Ave.	566	34.0	29.5	4.4	0	1	14	63	223	217	44	3	0	0	0	0

360 TSL Ltd

Direction: Total Flow



	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<15	Bin 3 15<20	Bin 4 20<25	Bin 5 25<30	Bin 6 30<35	Bin 7 35<40	Bin 8 40<45	Bin 9 45<50	Bin 10 50<55	Bin 11 55<60	Bin 12 >=60
Thu 5 May 2022	1146	38.4	32.6	5.5	0	0	12	55	282	452	261	65	13	3	1	2
Fri 6 May 2022	1187	38.0	31.9	5.9	0	4	33	93	288	426	263	65	14	1	0	0
Sat 7 May 2022	1075	38.8	33.1	5.5	0	1	8	42	229	447	257	66	18	4	3	0
Sun 8 May 2022	1035	38.4	32.8	5.4	0	0	8	51	237	418	232	71	16	1	1	0
Mon 9 May 2022	1090	38.2	32.2	5.8	1	1	21	72	271	398	253	55	14	2	2	0
Tue 10 May 2022	1045	38.1	32.5	5.4	0	0	11	56	253	420	233	55	13	4	0	0
Wed 11 May 2022	1075	37.0	31.2	5.6	0	0	15	96	371	343	182	59	8	0	0	1
5 Day Ave.	1109	37.9	32.1	5.7	0	1	18	74	293	408	238	60	12	2	1	1
7 Day Ave.	1093	38.1	32.3	5.6	0	1	15	66	276	415	240	62	14	2	1	0

360 TSL Ltd



## North Wales ATC 5, A547

Direction: Westbound

05/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	3	3	0	0	0
01:00	3	2	1	0	0
02:00	2	1	1	0	0
03:00	2	2	0	0	0
04:00	3	2	1	0	0
05:00	14	10	2	0	2
06:00	46	32	10	0	4
07:00	169	133	29	0	7
08:00	263	216	36	0	11
09:00	203	159	36	2	6
10:00	241	206	29	0	6
11:00	275	223	45	2	5
12:00	277	237	33	0	7
13:00	265	230	30	0	5
14:00	286	237	43	0	6
15:00	277	233	38	1	5
16:00	279	236	35	1	7
17:00	300	268	27	0	5
18:00	212	181	26	0	5
19:00	126	107	16	0	3
20:00	109	98	9	0	2
21:00	76	69	4	0	3
22:00	54	51	1	0	2
23:00	16	13	2	0	1
Total					
12H(7-19)	3047	2559	407	6	75
16H(6-22)	3404	2865	446	6	87
18H(6-24)	3474	2929	449	6	90
24H(0-24)	3501	2949	454	6	92
AM Peak	11:00 275	11:00 223	11:00 45	09:00 2	08:00 11
PM Peak	17:00 300	17:00 268	14:00 43	15:00 1	12:00 7

360 TSL Ltd

Direction: Eastbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	2	2	0	0	0
01:00	1	0	1	0	0
02:00	2	2	0	0	0
03:00	2	2	0	0	0
04:00	2	2	0	0	0
05:00	13	9	4	0	0
06:00	38	29	8	0	1
07:00	124	94	24	0	6
08:00	270	221	44	1	4
09:00	201	168	26	0	7
10:00	223	180	38	0	5
11:00	247	202	38	0	7
12:00	245	213	29	0	3
13:00	261	220	36	0	5
14:00	252	210	35	0	7
15:00	331	294	29	1	7
16:00	350	304	40	1	5
17:00	304	261	37	1	5
18:00	201	173	23	0	5
19:00	150	138	8	0	4
20:00	122	110	10	0	2
21:00	81	72	7	0	2
22:00	54	49	3	0	2
23:00	20	18	0	0	2
Total					
12H(7-19)	3009	2540	399	4	66
16H(6-22)	3400	2889	432	4	75
18H(6-24)	3474	2956	435	4	79
24H(0-24)	3496	2973	440	4	79
AM Peak	08:00 270	08:00 221	08:00 44	08:00 1	09:00 7
PM Peak	16:00 350	16:00 304	16:00 40	15:00 1	14:00 7

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	5	5	0	0	0
01:00	4	2	2	0	0
02:00	4	3	1	0	0
03:00	4	4	0	0	0
04:00	5	4	1	0	0
05:00	27	19	6	0	2
06:00	84	61	18	0	5
07:00	293	227	53	0	13
08:00	533	437	80	1	15
09:00	404	327	62	2	13
10:00	464	386	67	0	11
11:00	522	425	83	2	12
12:00	522	450	62	0	10
13:00	526	450	66	0	10
14:00	538	447	78	0	13
15:00	608	527	67	2	12
16:00	629	540	75	2	12
17:00	604	529	64	1	10
18:00	413	354	49	0	10
19:00	276	245	24	0	7
20:00	231	208	19	0	4
21:00	157	141	11	0	5
22:00	108	100	4	0	4
23:00	36	31	2	0	3
Total					
12H(7-19)	6056	5099	806	10	141
16H(6-22)	6804	5754	878	10	162
18H(6-24)	6948	5885	884	10	169
24H(0-24)	6997	5922	894	10	171
AM Peak	08:00 533	08:00 437	11:00 83	09:00 2	08:00 15
PM Peak	16:00 629	16:00 540	14:00 78	15:00 2	14:00 13

360 TSL Ltd



# North Wales ATC 5, A547

Direction: Westbound

06/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	5	3	2	0	0
01:00	1	1	0	0	0
02:00	3	0	3	0	0
03:00	3	2	1	0	0
04:00	5	3	2	0	0
05:00	18	14	2	0	2
06:00	53	33	15	0	5
07:00	170	136	28	0	6
08:00	281	222	49	0	10
09:00	218	179	34	0	5
10:00	250	204	39	0	7
11:00	257	221	31	0	5
12:00	257	228	23	0	6
13:00	256	209	40	1	6
14:00	275	242	29	0	4
15:00	276	237	30	0	9
16:00	337	293	40	0	4
17:00	333	294	34	0	5
18:00	226	199	24	1	2
19:00	151	137	11	0	3
20:00	106	96	8	1	1
21:00	75	68	4	0	3
22:00	53	46	4	0	3
23:00	23	19	3	0	1
Total					
12H(7-19)	3136	2664	401	2	69
16H(6-22)	3521	2998	439	3	81
18H(6-24)	3597	3063	446	3	85
24H(0-24)	3632	3086	456	3	87
AM Peak	08:00 281	08:00 222	08:00 49	00:00 0	08:00 10
PM Peak	16:00 337	17:00 294	13:00 40	13:00 1	15:00 9

360 TSL Ltd

Direction: Eastbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	7	5	2	0	0
01:00	5	4	1	0	0
02:00	2	0	2	0	0
03:00	4	1	3	0	0
04:00	1	1	0	0	0
05:00	9	5	4	0	0
06:00	32	26	4	0	2
07:00	125	96	25	0	4
08:00	238	193	38	2	5
09:00	212	175	28	1	8
10:00	241	203	33	0	5
11:00	262	227	30	0	5
12:00	241	209	26	0	6
13:00	255	222	25	1	7
14:00	285	242	35	2	6
15:00	351	300	45	2	4
16:00	333	278	46	0	9
17:00	280	251	22	1	6
18:00	232	211	17	0	4
19:00	144	122	16	0	6
20:00	95	85	8	0	2
21:00	73	62	9	0	2
22:00	66	58	5	0	3
23:00	27	25	1	0	1
Total					
12H(7-19)	3055	2607	370	9	69
16H(6-22)	3399	2902	407	9	81
18H(6-24)	3492	2985	413	9	85
24H(0-24)	3520	3001	425	9	85
AM Peak	11:00 262	11:00 227	08:00 38	08:00 2	09:00 8
PM Peak	15:00 351	15:00 300	16:00 46	14:00 2	16:00 9

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	12	8	4	0	0
01:00	6	5	1	0	0
02:00	5	0	5	0	0
03:00	7	3	4	0	0
04:00	6	4	2	0	0
05:00	27	19	6	0	2
06:00	85	59	19	0	7
07:00	295	232	53	0	10
08:00	519	415	87	2	15
09:00	430	354	62	1	13
10:00	491	407	72	0	12
11:00	519	448	61	0	10
12:00	498	437	49	0	12
13:00	511	431	65	2	13
14:00	560	484	64	2	10
15:00	627	537	75	2	13
16:00	670	571	86	0	13
17:00	613	545	56	1	11
18:00	458	410	41	1	6
19:00	295	259	27	0	9
20:00	201	181	16	1	3
21:00	148	130	13	0	5
22:00	119	104	9	0	6
23:00	50	44	4	0	2
Total					
12H(7-19)	6191	5271	771	11	138
16H(6-22)	6920	5900	846	12	162
18H(6-24)	7089	6048	859	12	170
24H(0-24)	7152	6087	881	12	172
AM Peak	08:00 519	11:00 448	08:00 87	08:00 2	08:00 15
PM Peak	16:00 670	16:00 571	16:00 86	13:00 2	13:00 13

360 TSL Ltd



## North Wales ATC 5, A547

Direction: Westbound

07/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	10	10	0	0	0
01:00	7	7	0	0	0
02:00	0	0	0	0	0
03:00	2	2	0	0	0
04:00	2	2	0	0	0
05:00	11	8	1	0	2
06:00	17	13	0	0	4
07:00	64	50	7	0	7
08:00	162	138	18	0	6
09:00	200	176	19	0	5
10:00	274	249	17	1	7
11:00	335	304	24	1	6
12:00	290	266	19	0	5
13:00	354	320	27	1	6
14:00	268	244	19	0	5
15:00	228	201	22	0	5
16:00	233	210	18	0	5
17:00	203	181	16	0	6
18:00	195	177	14	0	4
19:00	137	122	12	0	3
20:00	98	86	10	0	2
21:00	52	46	3	0	3
22:00	55	50	3	1	1
23:00	25	22	1	0	2
Total					
12H(7-19)	2806	2516	220	3	67
16H(6-22)	3110	2783	245	3	79
18H(6-24)	3190	2855	249	4	82
24H(0-24)	3222	2884	250	4	84
AM Peak	11:00 335	11:00 304	11:00 24	10:00 1	07:00 7
PM Peak	13:00 354	13:00 320	13:00 27	13:00 1	13:00 6

360 TSL Ltd

Direction: Eastbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	15	15	0	0	0
01:00	9	8	1	0	0
02:00	2	2	0	0	0
03:00	1	0	1	0	0
04:00	4	4	0	0	0
05:00	5	4	1	0	0
06:00	20	17	2	0	1
07:00	45	33	7	0	5
08:00	102	86	11	0	5
09:00	174	152	17	0	5
10:00	197	173	19	1	4
11:00	297	260	31	1	5
12:00	279	252	25	0	2
13:00	276	246	23	2	5
14:00	309	284	20	0	5
15:00	270	245	20	1	4
16:00	275	249	21	0	5
17:00	267	242	19	1	5
18:00	215	192	18	0	5
19:00	149	135	9	0	5
20:00	118	104	12	0	2
21:00	72	67	3	0	2
22:00	56	51	3	0	2
23:00	29	29	0	0	0
Total					
12H(7-19)	2706	2414	231	6	55
16H(6-22)	3065	2737	257	6	65
18H(6-24)	3150	2817	260	6	67
24H(0-24)	3186	2850	263	6	67
AM Peak	11:00 297	11:00 260	11:00 31	10:00 1	07:00 5
PM Peak	14:00 309	14:00 284	12:00 25	13:00 2	13:00 5

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	25	25	0	0	0
01:00	16	15	1	0	0
02:00	2	2	0	0	0
03:00	3	2	1	0	0
04:00	6	6	0	0	0
05:00	16	12	2	0	2
06:00	37	30	2	0	5
07:00	109	83	14	0	12
08:00	264	224	29	0	11
09:00	374	328	36	0	10
10:00	471	422	36	2	11
11:00	632	564	55	2	11
12:00	569	518	44	0	7
13:00	630	566	50	3	11
14:00	577	528	39	0	10
15:00	498	446	42	1	9
16:00	508	459	39	0	10
17:00	470	423	35	1	11
18:00	410	369	32	0	9
19:00	286	257	21	0	8
20:00	216	190	22	0	4
21:00	124	113	6	0	5
22:00	111	101	6	1	3
23:00	54	51	1	0	2
Total					
12H(7-19)	5512	4930	451	9	122
16H(6-22)	6175	5520	502	9	144
18H(6-24)	6340	5672	509	10	149
24H(0-24)	6408	5734	513	10	151
AM Peak	11:00 632	11:00 564	11:00 55	10:00 2	07:00 12
PM Peak	13:00 630	13:00 566	13:00 50	13:00 3	13:00 11

360 TSL Ltd



# North Wales ATC 5, A547

Direction: Westbound

08/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	17	17	0	0	0
01:00	6	6	0	0	0
02:00	2	2	0	0	0
03:00	5	5	0	0	0
04:00	3	2	1	0	0
05:00	4	4	0	0	0
06:00	15	14	1	0	0
07:00	36	30	5	0	1
08:00	54	46	6	0	2
09:00	153	130	20	0	3
10:00	222	206	14	0	2
11:00	269	242	23	0	4
12:00	292	266	23	0	3
13:00	260	241	16	0	3
14:00	282	263	16	1	2
15:00	235	214	16	1	4
16:00	197	184	10	0	3
17:00	127	118	6	0	3
18:00	129	114	14	0	1
19:00	82	66	13	0	3
20:00	62	54	7	0	1
21:00	56	50	4	0	2
22:00	18	14	3	0	1
23:00	13	11	1	0	1
Total					
12H(7-19)	2256	2054	169	2	31
16H(6-22)	2471	2238	194	2	37
18H(6-24)	2502	2263	198	2	39
24H(0-24)	2539	2299	199	2	39
AM Peak	11:00 269	11:00 242	11:00 23	00:00 0	11:00 4
PM Peak	12:00 292	12:00 266	12:00 23	14:00 1	15:00 4

360 TSL Ltd

Direction: Eastbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	25	23	2	0	0
01:00	7	6	1	0	0
02:00	1	1	0	0	0
03:00	3	3	0	0	0
04:00	2	2	0	0	0
05:00	5	4	1	0	0
06:00	10	9	0	0	1
07:00	36	34	1	0	1
08:00	46	43	2	1	0
09:00	110	100	8	1	1
10:00	177	161	14	0	2
11:00	229	204	20	2	3
12:00	278	252	24	1	1
13:00	248	226	20	0	2
14:00	258	241	13	1	3
15:00	260	242	16	1	1
16:00	225	213	9	1	2
17:00	183	167	13	0	3
18:00	130	111	16	1	2
19:00	101	94	4	0	3
20:00	70	62	7	0	1
21:00	48	43	4	0	1
22:00	29	27	2	0	0
23:00	19	19	0	0	0
Total					
12H(7-19)	2180	1994	156	9	21
16H(6-22)	2409	2202	171	9	27
18H(6-24)	2457	2248	173	9	27
24H(0-24)	2500	2287	177	9	27
AM Peak	11:00 229	11:00 204	11:00 20	11:00 2	11:00 3
PM Peak	12:00 278	12:00 252	12:00 24	12:00 1	14:00 3

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	42	40	2	0	0
01:00	13	12	1	0	0
02:00	3	3	0	0	0
03:00	8	8	0	0	0
04:00	5	4	1	0	0
05:00	9	8	1	0	0
06:00	25	23	1	0	1
07:00	72	64	6	0	2
08:00	100	89	8	1	2
09:00	263	230	28	1	4
10:00	399	367	28	0	4
11:00	498	446	43	2	7
12:00	570	518	47	1	4
13:00	508	467	36	0	5
14:00	540	504	29	2	5
15:00	495	456	32	2	5
16:00	422	397	19	1	5
17:00	310	285	19	0	6
18:00	259	225	30	1	3
19:00	183	160	17	0	6
20:00	132	116	14	0	2
21:00	104	93	8	0	3
22:00	47	41	5	0	1
23:00	32	30	1	0	1
Total					
12H(7-19)	4436	4048	325	11	52
16H(6-22)	4880	4440	365	11	64
18H(6-24)	4959	4511	371	11	66
24H(0-24)	5039	4586	376	11	66
AM Peak	11:00 498	11:00 446	11:00 43	11:00 2	11:00 7
PM Peak	12:00 570	12:00 518	12:00 47	14:00 2	17:00 6

360 TSL Ltd



# North Wales ATC 5, A547

Direction: Westbound

09/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	10	9	1	0	0
01:00	4	4	0	0	0
02:00	0	0	0	0	0
03:00	1	1	0	0	0
04:00	6	4	2	0	0
05:00	17	13	2	0	2
06:00	46	33	8	0	5
07:00	163	126	29	0	8
08:00	306	252	42	0	12
09:00	229	193	27	1	8
10:00	230	199	25	0	6
11:00	226	187	32	0	7
12:00	266	227	32	2	5
13:00	240	207	27	0	6
14:00	289	249	35	0	5
15:00	255	214	35	0	6
16:00	235	205	23	0	7
17:00	290	255	29	0	6
18:00	188	171	14	0	3
19:00	142	126	13	0	3
20:00	87	81	4	0	2
21:00	49	45	1	0	3
22:00	27	23	2	0	2
23:00	15	13	1	0	1
Total					
12H(7-19)	2917	2485	350	3	79
16H(6-22)	3241	2770	376	3	92
18H(6-24)	3283	2806	379	3	95
24H(0-24)	3321	2837	384	3	97
AM Peak	08:00 306	08:00 252	08:00 42	09:00 1	08:00 12
PM Peak	17:00 290	17:00 255	14:00 35	12:00 2	16:00 7

360 TSL Ltd

Direction: Eastbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	7	7	0	0	0
01:00	4	4	0	0	0
02:00	1	1	0	0	0
03:00	2	2	0	0	0
04:00	2	2	0	0	0
05:00	15	11	4	0	0
06:00	38	35	3	0	0
07:00	134	107	24	0	3
08:00	255	221	29	1	4
09:00	238	204	30	0	4
10:00	215	174	34	1	6
11:00	237	201	29	0	7
12:00	266	225	38	0	3
13:00	249	226	17	0	6
14:00	224	196	22	0	6
15:00	322	266	49	0	7
16:00	306	261	40	0	5
17:00	310	278	28	0	4
18:00	165	147	12	1	5
19:00	135	117	11	1	6
20:00	103	100	2	0	1
21:00	55	50	4	0	1
22:00	39	38	0	0	1
23:00	8	7	0	0	1
Total					
12H(7-19)	2921	2506	352	3	60
16H(6-22)	3252	2808	372	4	68
18H(6-24)	3299	2853	372	4	70
24H(0-24)	3330	2880	376	4	70
AM Peak	08:00 255	08:00 221	10:00 34	08:00 1	11:00 7
PM Peak	15:00 322	17:00 278	15:00 49	18:00 1	15:00 7

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	17	16	1	0	0
01:00	8	8	0	0	0
02:00	1	1	0	0	0
03:00	3	3	0	0	0
04:00	8	6	2	0	0
05:00	32	24	6	0	2
06:00	84	68	11	0	5
07:00	297	233	53	0	11
08:00	561	473	71	1	16
09:00	467	397	57	1	12
10:00	445	373	59	1	12
11:00	463	388	61	0	14
12:00	532	452	70	2	8
13:00	489	433	44	0	12
14:00	513	445	57	0	11
15:00	577	480	84	0	13
16:00	541	466	63	0	12
17:00	600	533	57	0	10
18:00	353	318	26	1	8
19:00	277	243	24	1	9
20:00	190	181	6	0	3
21:00	104	95	5	0	4
22:00	66	61	2	0	3
23:00	23	20	1	0	2
Total					
12H(7-19)	5838	4991	702	6	139
16H(6-22)	6493	5578	748	7	160
18H(6-24)	6582	5659	751	7	165
24H(0-24)	6651	5717	760	7	167
AM Peak	08:00 561	08:00 473	08:00 71	08:00 1	08:00 16
PM Peak	17:00 600	17:00 533	15:00 84	12:00 2	15:00 13

360 TSL Ltd



# North Wales ATC 5, A547

Direction: Westbound

10/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	4	4	0	0	0
01:00	4	3	1	0	0
02:00	1	1	0	0	0
03:00	3	2	1	0	0
04:00	2	1	1	0	0
05:00	17	11	4	0	2
06:00	52	32	12	0	8
07:00	168	136	25	0	7
08:00	297	251	36	1	9
09:00	232	200	25	0	7
10:00	248	210	29	0	9
11:00	253	216	30	0	7
12:00	239	208	24	0	7
13:00	243	209	29	0	5
14:00	278	235	35	0	8
15:00	234	193	35	0	6
16:00	308	265	36	0	7
17:00	291	255	31	0	5
18:00	183	166	13	0	4
19:00	129	112	14	0	3
20:00	77	68	7	0	2
21:00	59	55	1	0	3
22:00	34	30	2	0	2
23:00	13	12	0	0	1
Total					
12H(7-19)	2974	2544	348	1	81
16H(6-22)	3291	2811	382	1	97
18H(6-24)	3338	2853	384	1	100
24H(0-24)	3369	2875	391	1	102
AM Peak	08:00 297	08:00 251	08:00 36	08:00 1	08:00 9
PM Peak	16:00 308	16:00 265	16:00 36	12:00 0	14:00 8

360 TSL Ltd

Direction: Eastbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	2	2	0	0	0
01:00	0	0	0	0	0
02:00	0	0	0	0	0
03:00	1	1	0	0	0
04:00	2	2	0	0	0
05:00	12	11	1	0	0
06:00	41	38	2	0	1
07:00	144	112	28	0	4
08:00	257	223	27	0	7
09:00	240	188	45	2	5
10:00	187	156	23	0	8
11:00	234	200	28	0	6
12:00	239	211	21	0	7
13:00	240	205	28	0	7
14:00	219	185	24	3	7
15:00	314	267	39	2	6
16:00	308	254	48	0	6
17:00	327	285	37	0	5
18:00	189	161	23	1	4
19:00	145	135	6	0	4
20:00	119	112	6	0	1
21:00	65	58	6	1	0
22:00	39	34	2	1	2
23:00	15	14	0	0	1
Total					
12H(7-19)	2898	2447	371	8	72
16H(6-22)	3268	2790	391	9	78
18H(6-24)	3322	2838	393	10	81
24H(0-24)	3339	2854	394	10	81
AM Peak	08:00 257	08:00 223	09:00 45	09:00 2	10:00 8
PM Peak	17:00 327	17:00 285	16:00 48	14:00 3	12:00 7

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	6	6	0	0	0
01:00	4	3	1	0	0
02:00	1	1	0	0	0
03:00	4	3	1	0	0
04:00	4	3	1	0	0
05:00	29	22	5	0	2
06:00	93	70	14	0	9
07:00	312	248	53	0	11
08:00	554	474	63	1	16
09:00	472	388	70	2	12
10:00	435	366	52	0	17
11:00	487	416	58	0	13
12:00	478	419	45	0	14
13:00	483	414	57	0	12
14:00	497	420	59	3	15
15:00	548	460	74	2	12
16:00	616	519	84	0	13
17:00	618	540	68	0	10
18:00	372	327	36	1	8
19:00	274	247	20	0	7
20:00	196	180	13	0	3
21:00	124	113	7	1	3
22:00	73	64	4	1	4
23:00	28	26	0	0	2
Total					
12H(7-19)	5872	4991	719	9	153
16H(6-22)	6559	5601	773	10	175
18H(6-24)	6660	5691	777	11	181
24H(0-24)	6708	5729	785	11	183
AM Peak	08:00 554	08:00 474	09:00 70	09:00 2	10:00 17
PM Peak	17:00 618	17:00 540	16:00 84	14:00 3	14:00 15

360 TSL Ltd



# North Wales ATC 5, A547

Direction: Westbound

11/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	2	2	0	0	0
01:00	0	0	0	0	0
02:00	1	1	0	0	0
03:00	4	2	2	0	0
04:00	7	4	2	1	0
05:00	17	11	4	0	2
06:00	49	33	11	0	5
07:00	159	126	27	0	6
08:00	272	233	30	0	9
09:00	224	188	30	0	6
10:00	231	198	24	0	9
11:00	285	232	46	3	4
12:00	301	254	38	0	9
13:00	236	194	35	2	5
14:00	266	232	30	0	4
15:00	244	204	35	0	5
16:00	293	259	28	0	6
17:00	251	227	18	0	6
18:00	195	176	16	0	3
19:00	148	135	9	0	4
20:00	193	174	16	0	3
21:00	121	109	9	0	3
22:00	93	82	10	0	1
23:00	37	33	2	0	2
Total					
12H(7-19)	2957	2523	357	5	72
16H(6-22)	3468	2974	402	5	87
18H(6-24)	3598	3089	414	5	90
24H(0-24)	3629	3109	422	6	92
AM Peak	11:00 285	08:00 233	11:00 46	11:00 3	08:00 9
PM Peak	12:00 301	16:00 259	12:00 38	13:00 2	12:00 9

360 TSL Ltd

Direction: Eastbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	10	9	1	0	0
01:00	2	1	1	0	0
02:00	0	0	0	0	0
03:00	7	5	2	0	0
04:00	1	1	0	0	0
05:00	10	7	3	0	0
06:00	33	31	2	0	0
07:00	144	127	17	0	0
08:00	262	241	21	0	0
09:00	238	215	22	0	1
10:00	214	170	39	0	5
11:00	240	200	31	0	9
12:00	235	205	26	0	4
13:00	235	197	32	0	6
14:00	263	220	36	1	6
15:00	302	261	34	3	4
16:00	316	275	33	0	8
17:00	305	272	28	0	5
18:00	200	184	12	0	4
19:00	157	137	14	0	6
20:00	176	163	11	0	2
21:00	125	114	9	0	2
22:00	79	75	2	0	2
23:00	50	44	4	0	2
Total					
12H(7-19)	2954	2567	331	4	52
16H(6-22)	3445	3012	367	4	62
18H(6-24)	3574	3131	373	4	66
24H(0-24)	3604	3154	380	4	66
AM Peak	08:00 262	08:00 241	10:00 39	00:00 0	11:00 9
PM Peak	16:00 316	16:00 275	14:00 36	15:00 3	16:00 8

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	12	11	1	0	0
01:00	2	1	1	0	0
02:00	1	1	0	0	0
03:00	11	7	4	0	0
04:00	8	5	2	1	0
05:00	27	18	7	0	2
06:00	82	64	13	0	5
07:00	303	253	44	0	6
08:00	534	474	51	0	9
09:00	462	403	52	0	7
10:00	445	368	63	0	14
11:00	525	432	77	3	13
12:00	536	459	64	0	13
13:00	471	391	67	2	11
14:00	529	452	66	1	10
15:00	546	465	69	3	9
16:00	609	534	61	0	14
17:00	556	499	46	0	11
18:00	395	360	28	0	7
19:00	305	272	23	0	10
20:00	369	337	27	0	5
21:00	246	223	18	0	5
22:00	172	157	12	0	3
23:00	87	77	6	0	4
Total					
12H(7-19)	5911	5090	688	9	124
16H(6-22)	6913	5986	769	9	149
18H(6-24)	7172	6220	787	9	156
24H(0-24)	7233	6263	802	10	158
AM Peak	08:00 534	08:00 474	11:00 77	11:00 3	10:00 14
PM Peak	16:00 609	16:00 534	15:00 69	15:00 3	16:00 14

360 TSL Ltd



# North Wales ATC 5, A547

Direction: Westbound

05/05/2022

Hour Beginning	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<15	Bin 3 15<20	Bin 4 20<25	Bin 5 25<30	Bin 6 30<35	Bin 7 35<40	Bin 8 40<45	Bin 9 45<50	Bin 10 50<55	Bin 11 55<60	Bin 12 >=60
00:00	3	42.7	37.5	5.0	0	0	0	0	0	1	1	1	0	0	0	0
01:00	3	36.8	30.8	5.8	0	0	0	0	2	0	1	0	0	0	0	0
02:00	2	33.7	30.0	3.5	0	0	0	0	1	1	0	0	0	0	0	0
03:00	2	57.2	42.5	14.1	0	0	0	0	0	1	0	0	0	1	0	0
04:00	3	51.5	42.5	8.7	0	0	0	0	0	0	2	0	0	1	0	0
05:00	14	47.3	39.3	7.7	0	0	0	0	3	1	2	4	4	0	0	0
06:00	46	43.1	36.7	6.1	0	0	0	3	4	6	19	12	2	0	0	0
07:00	169	43.4	36.7	6.5	0	0	0	4	24	37	52	36	14	1	1	0
08:00	263	41.9	36.8	4.9	0	0	0	1	14	80	107	49	10	1	1	0
09:00	203	41.1	35.8	5.1	0	1	0	2	18	64	86	25	6	1	0	0
10:00	241	39.6	34.8	4.6	0	0	1	0	27	100	90	19	3	0	1	0
11:00	275	40.2	35.3	4.8	0	0	0	4	29	94	116	24	7	1	0	0
12:00	277	40.6	35.7	4.7	0	0	0	0	28	101	99	43	5	1	0	0
13:00	265	39.3	34.4	4.8	0	0	0	3	41	104	92	20	4	1	0	0
14:00	286	40.9	35.5	5.2	0	0	1	0	36	101	103	33	9	3	0	0
15:00	277	40.9	35.4	5.3	0	0	0	0	34	103	103	30	4	0	1	2
16:00	279	40.9	35.7	5.0	0	0	0	3	29	88	111	42	4	1	1	0
17:00	300	41.3	35.8	5.3	0	0	1	4	30	98	108	49	9	0	1	0
18:00	212	42.3	36.3	5.8	0	1	1	0	16	79	66	33	13	3	0	0
19:00	126	44.1	38.1	5.7	0	0	1	0	12	15	53	34	9	2	0	0
20:00	109	42.8	37.6	5.0	0	0	0	0	5	27	45	26	4	2	0	0
21:00	76	44.9	38.0	6.7	0	0	0	1	4	17	34	12	4	2	1	1
22:00	54	47.0	38.6	8.2	0	0	0	3	3	10	18	11	5	2	1	1
23:00	16	50.5	42.2	8.1	0	0	0	0	1	3	2	3	4	3	0	0
Total																
2H(10-12)	516	39.9	35.1	4.7	0	0	1	4	56	194	206	43	10	1	1	0
2H(14-16)	563	40.9	35.4	5.3	0	0	1	0	70	204	206	63	13	3	1	2
12H(7-19)	3047	41.0	35.6	5.2	0	2	4	21	326	1049	1133	403	88	13	6	2
24H(0-24)	3501	41.5	35.9	5.4	0	2	5	28	361	1131	1310	506	120	26	8	4
AM Peak	11:00 275	03:00 57.2	03:00 42.5	03:00 14.1	00:00 0	09:00 1	10:00 1	07:00 4	11:00 29	10:00 100	11:00 116	08:00 49	07:00 14	03:00 1	07:00 1	00:00 0
PM Peak	17:00 300	23:00 50.5	23:00 42.2	22:00 8.2	12:00 0	18:00 1	14:00 1	17:00 4	13:00 41	13:00 104	16:00 111	17:00 49	18:00 13	14:00 3	15:00 1	15:00 2



Direction: Eastbound

Hour Beginning	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<15	Bin 3 15<20	Bin 4 20<25	Bin 5 25<30	Bin 6 30<35	Bin 7 35<40	Bin 8 40<45	Bin 9 45<50	Bin 10 50<55	Bin 11 55<60	Bin 12 >=60
00:00	2	44.8	37.5	7.1	0	0	0	0	0	1	0	1	0	0	0	0
01:00	1	-	32.5	-	0	0	0	0	0	1	0	0	0	0	0	0
02:00	2	39.8	32.5	7.1	0	0	0	0	1	0	1	0	0	0	0	0
03:00	2	32.5	32.5	0.0	0	0	0	0	0	2	0	0	0	0	0	0
04:00	2	38.7	35.0	3.5	0	0	0	0	0	1	1	0	0	0	0	0
05:00	13	40.2	35.2	4.8	0	0	0	0	2	4	5	2	0	0	0	0
06:00	38	39.6	33.9	5.4	0	0	0	2	7	12	12	5	0	0	0	0
07:00	124	37.2	32.0	5.1	0	0	1	8	33	50	25	7	0	0	0	0
08:00	270	35.9	31.2	4.5	0	1	4	16	70	137	38	4	0	0	0	0
09:00	201	35.3	30.3	4.8	2	1	2	13	66	93	24	0	0	0	0	0
10:00	223	34.5	29.9	4.5	0	2	4	12	96	89	17	3	0	0	0	0
11:00	247	34.4	30.2	4.0	0	0	0	21	98	101	26	1	0	0	0	0
12:00	245	35.4	30.1	5.2	0	2	5	22	95	84	32	4	1	0	0	0
13:00	261	34.8	30.4	4.2	0	0	1	23	94	111	30	2	0	0	0	0
14:00	252	34.9	30.0	4.7	0	0	9	22	85	108	26	2	0	0	0	0
15:00	331	34.2	29.9	4.1	0	0	2	33	127	140	29	0	0	0	0	0
16:00	350	34.9	29.9	4.8	0	0	13	32	117	154	28	6	0	0	0	0
17:00	304	35.8	30.7	4.9	0	0	11	22	84	139	44	4	0	0	0	0
18:00	201	36.6	31.5	5.0	0	0	2	16	55	82	39	7	0	0	0	0
19:00	150	38.4	32.8	5.3	0	0	5	4	27	62	46	5	0	1	0	0
20:00	122	37.5	31.8	5.5	0	0	1	7	41	42	26	3	1	0	1	0
21:00	81	39.1	32.9	5.9	0	0	0	1	25	34	14	5	0	0	2	0
22:00	54	39.6	34.0	5.4	0	0	1	2	9	14	24	4	0	0	0	0
23:00	20	35.9	29.8	6.0	0	0	0	4	7	7	1	0	1	0	0	0
Total																
2H(10-12)	470	34.5	30.1	4.3	0	2	4	33	194	190	43	4	0	0	0	0
2H(14-16)	583	34.5	30.0	4.4	0	0	11	55	212	248	55	2	0	0	0	0
12H(7-19)	3009	35.2	30.4	4.7	2	6	54	240	1020	1288	358	40	1	0	0	0
24H(0-24)	3496	35.8	30.7	4.9	2	6	61	260	1139	1468	488	65	3	1	3	0
AM Peak	08:00 270	00:00 44.8	00:00 37.5	00:00 7.1	09:00 2	10:00 2	08:00 4	11:00 21	11:00 98	08:00 137	08:00 38	07:00 7	00:00 0	00:00 0	00:00 0	00:00 0
PM Peak	16:00 350	22:00 39.6	22:00 34.0	23:00 6.0	12:00 0	12:00 2	16:00 13	15:00 33	15:00 127	16:00 154	19:00 46	18:00 7	12:00 1	19:00 1	21:00 2	12:00 0



Direction: Total Flow

Hour Beginning	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<15	Bin 3 15<20	Bin 4 20<25	Bin 5 25<30	Bin 6 30<35	Bin 7 35<40	Bin 8 40<45	Bin 9 45<50	Bin 10 50<55	Bin 11 55<60	Bin 12 >=60
00:00	5	42.7	37.5	5.0	0	0	0	0	0	2	1	2	0	0	0	0
01:00	4	36.2	31.3	4.8	0	0	0	0	2	1	1	0	0	0	0	0
02:00	4	36.2	31.3	4.8	0	0	0	0	2	1	1	0	0	0	0	0
03:00	4	47.9	37.5	10.0	0	0	0	0	0	3	0	0	0	1	0	0
04:00	5	47.4	39.5	7.6	0	0	0	0	0	1	3	0	0	1	0	0
05:00	27	44.3	37.3	6.7	0	0	0	0	5	5	7	6	4	0	0	0
06:00	84	41.7	35.5	6.0	0	0	0	5	11	18	31	17	2	0	0	0
07:00	293	41.3	34.7	6.4	0	0	1	12	57	87	77	43	14	1	1	0
08:00	533	39.7	34.0	5.5	0	1	4	17	84	217	145	53	10	1	1	0
09:00	404	38.9	33.0	5.7	2	2	2	15	84	157	110	25	6	1	0	0
10:00	464	37.8	32.4	5.2	0	2	5	12	123	189	107	22	3	0	1	0
11:00	522	38.2	32.9	5.1	0	0	0	25	127	195	142	25	7	1	0	0
12:00	522	38.9	33.0	5.7	0	2	5	22	123	185	131	47	6	1	0	0
13:00	526	37.5	32.4	4.9	0	0	1	26	135	215	122	22	4	1	0	0
14:00	538	38.8	32.9	5.7	0	0	10	22	121	209	129	35	9	3	0	0
15:00	608	38.0	32.4	5.4	0	0	2	33	161	243	132	30	4	0	1	2
16:00	629	38.4	32.5	5.7	0	0	13	35	146	242	139	48	4	1	1	0
17:00	604	39.1	33.2	5.7	0	0	12	26	114	237	152	53	9	0	1	0
18:00	413	40.1	34.0	5.9	0	1	3	16	71	161	105	40	13	3	0	0
19:00	276	41.6	35.2	6.1	0	0	6	4	39	77	99	39	9	3	0	0
20:00	231	40.8	34.5	6.0	0	0	1	7	46	69	71	29	5	2	1	0
21:00	157	42.4	35.4	6.8	0	0	0	2	29	51	48	17	4	2	3	1
22:00	108	43.8	36.3	7.3	0	0	1	5	12	24	42	15	5	2	1	1
23:00	36	44.9	35.3	9.3	0	0	0	4	8	10	3	3	5	3	0	0
Total																
2H(10-12)	986	38.0	32.7	5.1	0	2	5	37	250	384	249	47	10	1	1	0
2H(14-16)	1146	38.4	32.6	5.5	0	0	12	55	282	452	261	65	13	3	1	2
12H(7-19)	6056	38.8	33.0	5.6	2	8	58	261	1346	2337	1491	443	89	13	6	2
24H(0-24)	6997	39.3	33.3	5.8	2	8	66	288	1500	2599	1798	571	123	27	11	4
AM Peak	08:00 533	03:00 47.9	04:00 39.5	03:00 10.0	09:00 2	09:00 2	10:00 5	11:00 25	11:00 127	08:00 217	08:00 145	08:00 53	07:00 14	03:00 1	07:00 1	00:00 0
PM Peak	16:00 629	23:00 44.9	22:00 36.3	23:00 9.3	12:00 0	12:00 2	16:00 13	16:00 35	15:00 161	15:00 243	17:00 152	17:00 53	18:00 13	14:00 3	21:00 3	15:00 2



# North Wales ATC 5, A547

Direction: Westbound

06/05/2022

Hour Beginning	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<15	Bin 3 15<20	Bin 4 20<25	Bin 5 25<30	Bin 6 30<35	Bin 7 35<40	Bin 8 40<45	Bin 9 45<50	Bin 10 50<55	Bin 11 55<60	Bin 12 >=60
00:00	5	40.4	34.5	5.7	0	0	0	0	1	2	1	1	0	0	0	0
01:00	1	-	32.5	-	0	0	0	0	0	1	0	0	0	0	0	0
02:00	3	25.2	19.2	5.8	0	1	0	2	0	0	0	0	0	0	0	0
03:00	3	47.2	34.2	12.6	0	0	0	1	0	1	0	0	1	0	0	0
04:00	5	43.8	37.5	6.1	0	0	0	0	0	2	2	0	1	0	0	0
05:00	18	45.0	38.9	5.9	0	0	0	0	3	0	5	9	1	0	0	0
06:00	53	44.7	38.0	6.4	0	0	0	2	4	9	17	15	5	1	0	0
07:00	170	44.5	38.3	6.0	0	0	1	2	9	28	74	37	13	5	1	0
08:00	281	42.7	37.4	5.1	0	0	0	1	15	72	110	73	4	5	1	0
09:00	218	41.1	36.2	4.7	0	0	0	0	17	68	96	27	10	0	0	0
10:00	250	39.6	34.5	4.9	0	1	0	3	40	83	101	18	3	1	0	0
11:00	257	40.3	35.4	4.7	0	0	1	2	26	83	112	28	5	0	0	0
12:00	257	40.8	35.3	5.3	0	0	0	4	34	85	93	35	5	0	0	1
13:00	256	40.8	35.7	4.9	0	0	0	1	21	108	77	40	8	1	0	0
14:00	275	40.2	35.3	4.8	0	0	0	1	36	93	108	29	8	0	0	0
15:00	276	40.3	35.6	4.5	0	0	2	0	16	110	110	32	5	1	0	0
16:00	337	40.8	36.0	4.6	0	0	0	0	21	129	133	42	9	3	0	0
17:00	333	41.5	36.6	4.8	0	0	0	1	17	111	132	61	8	2	1	0
18:00	226	43.2	37.6	5.4	0	0	0	1	10	60	91	49	10	2	3	0
19:00	151	43.0	37.7	5.0	0	0	0	1	6	32	71	31	8	1	1	0
20:00	106	41.7	37.0	4.5	0	0	0	0	6	26	51	20	2	1	0	0
21:00	75	42.6	36.9	5.5	0	0	0	0	7	18	34	12	2	1	1	0
22:00	53	43.2	37.2	5.8	0	0	0	1	4	13	19	11	5	0	0	0
23:00	23	47.1	39.7	7.2	0	0	0	0	1	6	6	5	2	3	0	0
Total																
2H(10-12)	507	40.0	35.0	4.8	0	1	1	5	66	166	213	46	8	1	0	0
2H(14-16)	551	40.3	35.4	4.7	0	0	2	1	52	203	218	61	13	1	0	0
12H(7-19)	3136	41.3	36.1	5.0	0	1	4	16	262	1030	1237	471	88	20	6	1
24H(0-24)	3632	41.6	36.3	5.1	0	2	4	23	294	1140	1443	575	115	27	8	1
AM Peak	08:00	03:00	05:00	03:00	00:00	02:00	07:00	10:00	10:00	10:00	11:00	08:00	07:00	07:00	07:00	00:00
	281	47.2	38.9	12.6	0	1	1	3	40	83	112	73	13	5	1	0
PM Peak	16:00	23:00	23:00	23:00	12:00	12:00	15:00	12:00	14:00	16:00	16:00	17:00	18:00	16:00	18:00	12:00
	337	47.1	39.7	7.2	0	0	2	4	36	129	133	61	10	3	3	1



Direction: Eastbound

Hour Beginning	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<15	Bin 3 15<20	Bin 4 20<25	Bin 5 25<30	Bin 6 30<35	Bin 7 35<40	Bin 8 40<45	Bin 9 45<50	Bin 10 50<55	Bin 11 55<60	Bin 12 >=60
00:00	7	37.3	31.8	5.3	0	0	0	0	3	3	0	1	0	0	0	0
01:00	5	38.9	29.5	9.1	0	0	1	0	2	1	0	1	0	0	0	0
02:00	2	29.8	22.5	7.1	0	0	1	0	1	0	0	0	0	0	0	0
03:00	4	35.3	28.8	6.3	0	0	0	1	2	0	1	0	0	0	0	0
04:00	1	-	37.5	-	0	0	0	0	0	0	1	0	0	0	0	0
05:00	9	37.9	33.6	4.2	0	0	0	0	1	6	1	1	0	0	0	0
06:00	32	41.4	35.0	6.2	0	0	0	1	7	7	11	4	2	0	0	0
07:00	125	38.8	33.7	5.0	0	0	0	6	22	44	44	8	1	0	0	0
08:00	238	37.3	32.4	4.8	0	0	1	12	61	93	61	10	0	0	0	0
09:00	212	34.5	30.0	4.3	0	0	3	15	90	80	23	1	0	0	0	0
10:00	241	34.4	29.6	4.7	0	1	11	14	96	101	16	2	0	0	0	0
11:00	262	35.1	30.0	4.9	0	0	3	31	102	95	26	2	2	1	0	0
12:00	241	33.9	29.9	3.9	0	0	0	20	108	94	17	2	0	0	0	0
13:00	255	35.1	30.8	4.2	0	0	2	12	92	117	29	2	1	0	0	0
14:00	285	33.8	28.4	5.2	0	2	16	49	99	100	18	0	1	0	0	0
15:00	351	34.3	29.1	5.0	0	2	15	43	137	123	27	4	0	0	0	0
16:00	333	34.6	30.0	4.4	0	0	3	36	125	130	37	2	0	0	0	0
17:00	280	36.2	30.8	5.3	0	4	9	17	72	131	43	4	0	0	0	0
18:00	232	37.2	31.8	5.2	0	0	3	13	48	129	36	1	0	0	0	2
19:00	144	36.0	31.0	4.8	0	0	1	11	51	50	28	3	0	0	0	0
20:00	95	37.3	31.8	5.3	0	0	0	6	31	35	19	2	1	1	0	0
21:00	73	35.9	31.0	4.7	0	0	0	7	23	30	11	2	0	0	0	0
22:00	66	36.5	30.7	5.6	0	0	4	5	18	23	16	0	0	0	0	0
23:00	27	37.3	32.1	5.0	0	0	0	3	4	13	6	1	0	0	0	0
Total																
2H(10-12)	503	34.8	29.8	4.8	0	1	14	45	198	196	42	4	2	1	0	0
2H(14-16)	636	34.1	28.8	5.1	0	4	31	92	236	223	45	4	1	0	0	0
12H(7-19)	3055	35.4	30.3	4.9	0	9	66	268	1052	1237	377	38	5	1	0	2
24H(0-24)	3520	35.6	30.5	5.0	0	9	73	302	1195	1405	471	53	8	2	0	2
AM Peak	11:00 262	06:00 41.4	04:00 37.5	01:00 9.1	00:00 0	10:00 1	10:00 11	11:00 31	11:00 102	10:00 101	08:00 61	08:00 10	06:00 2	11:00 1	00:00 0	00:00 0
PM Peak	15:00 351	20:00 37.3	23:00 32.1	22:00 5.6	12:00 0	17:00 4	14:00 16	14:00 49	15:00 137	17:00 131	17:00 43	15:00 4	13:00 1	20:00 1	12:00 0	18:00 2



Direction: Total Flow

Hour Beginning	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<15	Bin 3 15<20	Bin 4 20<25	Bin 5 25<30	Bin 6 30<35	Bin 7 35<40	Bin 8 40<45	Bin 9 45<50	Bin 10 50<55	Bin 11 55<60	Bin 12 >=60
00:00	12	38.5	32.9	5.4	0	0	0	0	4	5	1	2	0	0	0	0
01:00	6	38.5	30.0	8.2	0	0	1	0	2	2	0	1	0	0	0	0
02:00	5	26.4	20.5	5.7	0	1	1	2	1	0	0	0	0	0	0	0
03:00	7	40.4	31.1	9.0	0	0	0	2	2	1	1	0	1	0	0	0
04:00	6	43.2	37.5	5.5	0	0	0	0	0	2	3	0	1	0	0	0
05:00	27	43.2	37.1	5.9	0	0	0	0	4	6	6	10	1	0	0	0
06:00	85	43.6	36.9	6.5	0	0	0	3	11	16	28	19	7	1	0	0
07:00	295	42.6	36.3	6.0	0	0	1	8	31	72	118	45	14	5	1	0
08:00	519	40.9	35.1	5.6	0	0	1	13	76	165	171	83	4	5	1	0
09:00	430	38.8	33.2	5.4	0	0	3	15	107	148	119	28	10	0	0	0
10:00	491	37.7	32.1	5.4	0	2	11	17	136	184	117	20	3	1	0	0
11:00	519	38.4	32.7	5.5	0	0	4	33	128	178	138	30	7	1	0	0
12:00	498	38.3	32.7	5.4	0	0	0	24	142	179	110	37	5	0	0	1
13:00	511	38.6	33.2	5.2	0	0	2	13	113	225	106	42	9	1	0	0
14:00	560	38.1	31.8	6.1	0	2	16	50	135	193	126	29	9	0	0	0
15:00	627	38.0	31.9	5.8	0	2	17	43	153	233	137	36	5	1	0	0
16:00	670	38.6	33.0	5.4	0	0	3	36	146	259	170	44	9	3	0	0
17:00	613	39.9	33.9	5.8	0	4	9	18	89	242	175	65	8	2	1	0
18:00	458	40.9	34.7	6.0	0	0	3	14	58	189	127	50	10	2	3	2
19:00	295	40.6	34.5	6.0	0	0	1	12	57	82	99	34	8	1	1	0
20:00	201	40.3	34.5	5.5	0	0	0	6	37	61	70	22	3	2	0	0
21:00	148	40.1	34.0	5.9	0	0	0	7	30	48	45	14	2	1	1	0
22:00	119	40.3	33.6	6.5	0	0	4	6	22	36	35	11	5	0	0	0
23:00	50	43.0	35.6	7.1	0	0	0	3	5	19	12	6	2	3	0	0
Total																
2H(10-12)	1010	38.0	32.4	5.5	0	2	15	50	264	362	255	50	10	2	0	0
2H(14-16)	1187	38.0	31.9	5.9	0	4	33	93	288	426	263	65	14	1	0	0
12H(7-19)	6191	39.2	33.2	5.8	0	10	70	284	1314	2267	1614	509	93	21	6	3
24H(0-24)	7152	39.5	33.4	5.8	0	11	77	325	1489	2545	1914	628	123	29	8	3
AM Peak	08:00	06:00	04:00	03:00	00:00	10:00	10:00	11:00	10:00	10:00	08:00	08:00	07:00	07:00	07:00	00:00
	519	43.6	37.5	9.0	0	2	11	33	136	184	171	83	14	5	1	0
PM Peak	16:00	23:00	23:00	23:00	12:00	17:00	15:00	14:00	15:00	16:00	17:00	17:00	18:00	16:00	18:00	18:00
	670	43.0	35.6	7.1	0	4	17	50	153	259	175	65	10	3	3	2



# North Wales ATC 5, A547

Direction: Westbound

07/05/2022

Hour Beginning	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<15	Bin 3 15<20	Bin 4 20<25	Bin 5 25<30	Bin 6 30<35	Bin 7 35<40	Bin 8 40<45	Bin 9 45<50	Bin 10 50<55	Bin 11 55<60	Bin 12 >=60
00:00	10	45.6	40.0	5.4	0	0	0	0	0	1	5	3	0	1	0	0
01:00	7	42.4	39.6	2.7	0	0	0	0	0	0	4	3	0	0	0	0
02:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
03:00	2	34.8	27.5	7.1	0	0	0	1	0	1	0	0	0	0	0	0
04:00	2	43.3	25.0	17.7	0	1	0	0	0	0	1	0	0	0	0	0
05:00	11	46.4	38.4	7.7	0	0	0	1	1	0	4	3	2	0	0	0
06:00	17	47.2	37.5	9.4	0	0	0	1	4	1	5	3	0	3	0	0
07:00	64	45.6	38.0	7.4	0	0	0	1	9	9	22	15	5	2	0	1
08:00	162	42.7	37.0	5.5	0	0	1	2	9	43	66	30	9	2	0	0
09:00	200	41.1	35.4	5.5	0	0	2	7	15	65	80	24	6	1	0	0
10:00	274	40.5	35.3	5.0	0	0	2	3	24	100	109	26	9	1	0	0
11:00	335	40.2	35.3	4.7	0	1	0	1	28	135	131	28	10	0	1	0
12:00	290	41.0	35.7	5.1	0	0	1	1	26	108	109	33	9	2	1	0
13:00	354	40.5	35.7	4.6	0	0	1	1	21	144	129	48	9	1	0	0
14:00	268	41.6	35.7	5.7	0	0	2	2	31	90	94	33	13	2	1	0
15:00	228	41.5	35.9	5.3	0	0	1	3	16	77	95	27	5	2	2	0
16:00	233	42.3	36.7	5.4	0	0	0	1	15	74	93	39	8	0	2	1
17:00	203	42.3	37.4	4.7	0	0	0	0	7	55	91	37	11	2	0	0
18:00	195	42.6	36.5	5.9	0	0	1	2	10	71	68	32	6	3	1	1
19:00	137	43.7	37.5	5.9	0	0	0	0	9	36	53	30	7	0	0	2
20:00	98	42.1	36.6	5.2	0	0	0	0	10	28	34	21	5	0	0	0
21:00	52	43.9	37.9	5.8	0	0	0	1	4	10	17	15	5	0	0	0
22:00	55	41.8	36.4	5.2	0	0	0	0	2	25	15	10	2	1	0	0
23:00	25	47.2	38.9	8.0	0	0	0	0	3	7	4	5	3	3	0	0
Total																
2H(10-12)	609	40.4	35.3	4.9	0	1	2	4	52	235	240	54	19	1	1	0
2H(14-16)	496	41.5	35.8	5.5	0	0	3	5	47	167	189	60	18	4	3	0
12H(7-19)	2806	41.5	36.0	5.3	0	1	11	24	211	971	1087	372	100	18	8	3
24H(0-24)	3222	41.8	36.2	5.4	0	2	11	28	244	1080	1229	465	124	26	8	5
AM Peak	11:00	06:00	00:00	04:00	00:00	04:00	09:00	09:00	11:00	11:00	11:00	08:00	11:00	06:00	11:00	07:00
	335	47.2	40.0	17.7	0	1	2	7	28	135	131	30	10	3	1	1
PM Peak	13:00	23:00	23:00	23:00	12:00	12:00	14:00	15:00	14:00	13:00	13:00	13:00	14:00	18:00	15:00	19:00
	354	47.2	38.9	8.0	0	0	2	3	31	144	129	48	13	3	2	2



Direction: Eastbound

Hour Beginning	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<15	Bin 3 15<20	Bin 4 20<25	Bin 5 25<30	Bin 6 30<35	Bin 7 35<40	Bin 8 40<45	Bin 9 45<50	Bin 10 50<55	Bin 11 55<60	Bin 12 >=60
00:00	15	40.2	35.5	4.6	0	0	0	0	1	6	7	0	1	0	0	0
01:00	9	42.2	35.3	6.7	0	0	0	0	2	3	2	1	1	0	0	0
02:00	2	38.7	35.0	3.5	0	0	0	0	0	1	1	0	0	0	0	0
03:00	1	-	32.5	-	0	0	0	0	0	1	0	0	0	0	0	0
04:00	4	36.7	32.5	4.1	0	0	0	0	1	2	1	0	0	0	0	0
05:00	5	37.7	32.5	5.0	0	0	0	0	2	1	2	0	0	0	0	0
06:00	20	39.6	34.8	4.7	0	0	0	0	4	5	9	2	0	0	0	0
07:00	45	40.9	34.3	6.4	0	0	1	2	7	16	9	9	1	0	0	0
08:00	102	38.0	31.8	6.0	0	0	3	10	21	43	17	6	2	0	0	0
09:00	174	35.4	30.8	4.5	0	0	1	9	72	61	29	1	1	0	0	0
10:00	197	35.6	30.9	4.5	0	0	2	18	50	100	24	3	0	0	0	0
11:00	297	34.6	30.3	4.2	0	0	2	22	116	126	27	4	0	0	0	0
12:00	279	35.4	29.8	5.4	0	7	7	24	91	114	34	2	0	0	0	0
13:00	276	35.8	31.4	4.2	0	0	1	9	97	117	47	5	0	0	0	0
14:00	309	34.9	30.7	4.1	0	0	2	19	107	146	32	3	0	0	0	0
15:00	270	35.6	31.0	4.5	0	1	3	18	75	134	36	3	0	0	0	0
16:00	275	34.8	30.5	4.2	0	0	6	15	94	130	30	0	0	0	0	0
17:00	267	35.3	29.6	5.5	0	2	15	25	89	102	30	3	1	0	0	0
18:00	215	36.0	31.0	4.8	0	0	1	21	62	93	33	4	1	0	0	0
19:00	149	36.4	32.3	4.0	0	0	0	2	40	73	30	4	0	0	0	0
20:00	118	36.3	31.9	4.2	0	0	0	5	32	55	24	2	0	0	0	0
21:00	72	35.1	30.2	4.7	0	0	1	8	24	31	6	2	0	0	0	0
22:00	56	37.5	32.6	4.7	0	0	0	2	15	22	14	3	0	0	0	0
23:00	29	37.5	33.5	3.9	0	0	0	1	3	14	11	0	0	0	0	0
Total																
2H(10-12)	494	35.0	30.5	4.3	0	0	4	40	166	226	51	7	0	0	0	0
2H(14-16)	579	35.2	30.8	4.2	0	1	5	37	182	280	68	6	0	0	0	0
12H(7-19)	2706	35.6	30.7	4.7	0	10	44	192	881	1182	348	43	6	0	0	0
24H(0-24)	3186	35.8	30.9	4.7	0	10	45	210	1005	1396	455	57	8	0	0	0
AM Peak	11:00 297	01:00 42.2	00:00 35.5	01:00 6.7	00:00 0	00:00 0	08:00 3	11:00 22	11:00 116	11:00 126	09:00 29	07:00 9	08:00 2	00:00 0	00:00 0	00:00 0
PM Peak	14:00 309	23:00 37.5	23:00 33.5	17:00 5.5	12:00 0	12:00 7	17:00 15	17:00 25	14:00 107	14:00 146	13:00 47	13:00 5	17:00 1	12:00 0	12:00 0	12:00 0



Direction: Total Flow

Hour Beginning	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<15	Bin 3 15<20	Bin 4 20<25	Bin 5 25<30	Bin 6 30<35	Bin 7 35<40	Bin 8 40<45	Bin 9 45<50	Bin 10 50<55	Bin 11 55<60	Bin 12 >=60
00:00	25	42.8	37.3	5.3	0	0	0	0	1	7	12	3	1	1	0	0
01:00	16	43.0	37.2	5.6	0	0	0	0	2	3	6	4	1	0	0	0
02:00	2	38.7	35.0	3.5	0	0	0	0	0	1	1	0	0	0	0	0
03:00	3	35.2	29.2	5.8	0	0	0	1	0	2	0	0	0	0	0	0
04:00	6	39.7	30.0	9.4	0	1	0	0	1	2	2	0	0	0	0	0
05:00	16	44.2	36.6	7.4	0	0	0	1	3	1	6	3	2	0	0	0
06:00	37	43.5	36.0	7.3	0	0	0	1	8	6	14	5	0	3	0	0
07:00	109	43.9	36.5	7.2	0	0	1	3	16	25	31	24	6	2	0	1
08:00	264	41.4	35.0	6.2	0	0	4	12	30	86	83	36	11	2	0	0
09:00	374	39.0	33.2	5.5	0	0	3	16	87	126	109	25	7	1	0	0
10:00	471	39.0	33.5	5.3	0	0	4	21	74	200	133	29	9	1	0	0
11:00	632	38.3	33.0	5.1	0	1	2	23	144	261	158	32	10	0	1	0
12:00	569	39.0	32.8	6.0	0	7	8	25	117	222	143	35	9	2	1	0
13:00	630	39.0	33.8	4.9	0	0	2	10	118	261	176	53	9	1	0	0
14:00	577	38.7	33.0	5.5	0	0	4	21	138	236	126	36	13	2	1	0
15:00	498	38.9	33.3	5.5	0	1	4	21	91	211	131	30	5	2	2	0
16:00	508	39.2	33.3	5.7	0	0	6	16	109	204	123	39	8	0	2	1
17:00	470	39.7	33.0	6.4	0	2	15	25	96	157	121	40	12	2	0	0
18:00	410	39.8	33.6	6.0	0	0	2	23	72	164	101	36	7	3	1	1
19:00	286	40.7	34.8	5.6	0	0	0	2	49	109	83	34	7	0	0	2
20:00	216	39.5	34.1	5.2	0	0	0	5	42	83	58	23	5	0	0	0
21:00	124	40.1	33.4	6.5	0	0	1	9	28	41	23	17	5	0	0	0
22:00	111	40.0	34.5	5.3	0	0	0	2	17	47	29	13	2	1	0	0
23:00	54	42.9	36.0	6.6	0	0	0	1	6	21	15	5	3	3	0	0
Total																
2H(10-12)	1103	38.6	33.2	5.2	0	1	6	44	218	461	291	61	19	1	1	0
2H(14-16)	1075	38.8	33.1	5.5	0	1	8	42	229	447	257	66	18	4	3	0
12H(7-19)	5512	39.3	33.4	5.7	0	11	55	216	1092	2153	1435	415	106	18	8	3
24H(0-24)	6408	39.5	33.6	5.7	0	12	56	238	1249	2476	1684	522	132	26	8	5
AM Peak	11:00	05:00	00:00	04:00	00:00	04:00	08:00	11:00	11:00	11:00	11:00	08:00	08:00	06:00	11:00	07:00
	632	44.2	37.3	9.4	0	1	4	23	144	261	158	36	11	3	1	1
PM Peak	13:00	23:00	23:00	23:00	12:00	12:00	17:00	12:00	14:00	13:00	13:00	13:00	14:00	18:00	15:00	19:00
	630	42.9	36.0	6.6	0	7	15	25	138	261	176	53	13	3	2	2



# North Wales ATC 5, A547

Direction: Westbound

08/05/2022

Hour Beginning	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<15	Bin 3 15<20	Bin 4 20<25	Bin 5 25<30	Bin 6 30<35	Bin 7 35<40	Bin 8 40<45	Bin 9 45<50	Bin 10 50<55	Bin 11 55<60	Bin 12 >=60
00:00	17	44.0	36.9	6.8	0	0	0	0	3	4	4	5	0	1	0	0
01:00	6	49.3	40.8	8.2	0	0	0	0	0	0	5	0	0	0	1	0
02:00	2	43.7	40.0	3.5	0	0	0	0	0	0	1	1	0	0	0	0
03:00	5	51.5	41.5	9.6	0	0	0	0	1	0	1	1	1	1	0	0
04:00	3	53.9	40.8	12.6	0	0	0	0	1	0	0	1	0	1	0	0
05:00	4	43.0	40.0	2.9	0	0	0	0	0	0	2	2	0	0	0	0
06:00	15	46.2	38.2	7.8	0	0	1	0	0	3	5	3	3	0	0	0
07:00	36	44.8	37.6	6.9	0	0	1	0	1	9	16	5	2	1	1	0
08:00	54	43.8	36.0	7.5	0	0	2	1	7	14	14	11	3	2	0	0
09:00	153	42.8	36.5	6.0	0	0	0	1	18	43	56	24	8	2	0	1
10:00	222	41.2	36.3	4.7	0	0	0	0	13	78	96	23	10	2	0	0
11:00	269	40.6	35.3	5.2	0	0	3	2	20	110	97	28	7	1	1	0
12:00	292	41.9	35.8	5.8	0	3	2	2	16	103	121	28	14	2	0	1
13:00	260	41.8	36.2	5.4	0	1	0	4	15	89	102	35	10	4	0	0
14:00	282	40.9	35.8	5.0	0	0	1	1	21	108	103	37	10	0	1	0
15:00	235	40.8	35.9	4.7	0	0	1	1	13	91	88	34	6	1	0	0
16:00	197	42.4	36.6	5.6	0	0	0	0	19	57	78	33	7	1	1	1
17:00	127	43.8	37.2	6.3	0	0	0	3	10	28	55	19	7	3	2	0
18:00	129	43.8	38.1	5.5	0	0	0	1	5	29	54	26	12	1	1	0
19:00	82	44.3	37.8	6.3	0	0	0	1	7	14	37	15	6	1	0	1
20:00	62	43.2	36.7	6.3	0	0	0	1	9	13	22	11	5	1	0	0
21:00	56	44.5	37.1	7.1	0	0	0	1	8	13	17	10	3	4	0	0
22:00	18	47.4	38.3	8.8	0	0	0	1	1	6	2	5	1	1	1	0
23:00	13	45.1	38.7	6.2	0	0	0	0	1	3	3	4	2	0	0	0
Total																
2H(10-12)	491	40.9	35.7	5.0	0	0	3	2	33	188	193	51	17	3	1	0
2H(14-16)	517	40.9	35.8	4.9	0	0	2	2	34	199	191	71	16	1	1	0
12H(7-19)	2256	41.9	36.2	5.5	0	4	10	16	158	759	880	303	96	20	7	3
24H(0-24)	2539	42.2	36.4	5.7	0	4	11	20	189	815	979	361	117	30	9	4
AM Peak	11:00 269	04:00 53.9	03:00 41.5	04:00 12.6	00:00 0	00:00 0	11:00 3	11:00 2	11:00 20	11:00 110	11:00 97	11:00 28	10:00 10	08:00 2	01:00 1	09:00 1
PM Peak	12:00 292	22:00 47.4	23:00 38.7	22:00 8.8	12:00 0	12:00 3	12:00 2	13:00 4	14:00 21	14:00 108	12:00 121	14:00 37	12:00 14	13:00 4	17:00 2	12:00 1



Direction: Eastbound

Hour Beginning	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<15	Bin 3 15<20	Bin 4 20<25	Bin 5 25<30	Bin 6 30<35	Bin 7 35<40	Bin 8 40<45	Bin 9 45<50	Bin 10 50<55	Bin 11 55<60	Bin 12 >=60
00:00	25	35.5	31.1	4.2	0	0	0	1	9	12	2	1	0	0	0	0
01:00	7	38.9	33.9	4.8	0	0	0	0	1	4	1	1	0	0	0	0
02:00	1	-	37.5	-	0	0	0	0	0	0	1	0	0	0	0	0
03:00	3	33.8	30.8	2.9	0	0	0	0	1	2	0	0	0	0	0	0
04:00	2	53.3	35.0	17.7	0	0	0	1	0	0	0	0	1	0	0	0
05:00	5	41.4	35.5	5.7	0	0	0	0	1	1	2	1	0	0	0	0
06:00	10	42.3	34.5	7.5	0	0	1	0	1	2	4	2	0	0	0	0
07:00	36	41.4	33.8	7.4	0	0	4	0	2	14	11	3	2	0	0	0
08:00	46	38.8	30.9	7.7	0	3	4	0	7	18	12	2	0	0	0	0
09:00	110	36.4	31.1	5.1	0	2	2	5	28	51	22	0	0	0	0	0
10:00	177	35.6	31.3	4.1	0	0	0	5	68	70	32	2	0	0	0	0
11:00	229	34.2	28.8	5.2	1	0	10	35	90	72	18	3	0	0	0	0
12:00	278	33.3	28.5	4.6	0	0	9	47	118	88	13	3	0	0	0	0
13:00	248	35.0	30.6	4.2	0	0	3	12	96	104	30	3	0	0	0	0
14:00	258	34.4	30.0	4.2	0	0	1	28	95	107	27	0	0	0	0	0
15:00	260	33.7	29.6	4.0	0	0	5	21	108	112	14	0	0	0	0	0
16:00	225	34.9	30.6	4.1	0	0	1	13	89	92	28	2	0	0	0	0
17:00	183	36.2	31.5	4.5	0	0	2	12	44	87	37	1	0	0	0	0
18:00	130	36.5	32.2	4.1	0	0	0	3	37	56	32	2	0	0	0	0
19:00	101	37.2	33.0	4.1	0	0	0	2	18	53	25	2	1	0	0	0
20:00	70	37.9	32.7	5.0	0	0	0	3	16	32	15	2	2	0	0	0
21:00	48	37.6	32.8	4.7	0	0	0	3	8	22	13	2	0	0	0	0
22:00	29	37.4	32.7	4.5	0	0	0	2	4	15	7	1	0	0	0	0
23:00	19	38.3	33.6	4.6	0	0	0	1	2	9	6	1	0	0	0	0
Total																
2H(10-12)	406	35.0	29.9	4.9	1	0	10	40	158	142	50	5	0	0	0	0
2H(14-16)	518	34.0	29.8	4.1	0	0	6	49	203	219	41	0	0	0	0	0
12H(7-19)	2180	35.2	30.3	4.7	1	5	41	181	782	871	276	21	2	0	0	0
24H(0-24)	2500	35.6	30.6	4.8	1	5	42	194	843	1023	352	34	6	0	0	0
AM Peak	11:00 229	04:00 53.3	02:00 37.5	04:00 17.7	11:00 1	08:00 3	11:00 10	11:00 35	11:00 90	11:00 72	10:00 32	07:00 3	07:00 2	00:00 0	00:00 0	00:00 0
PM Peak	12:00 278	23:00 38.3	23:00 33.6	20:00 5.0	12:00 0	12:00 0	12:00 9	12:00 47	12:00 118	15:00 112	17:00 37	12:00 3	20:00 2	12:00 0	12:00 0	12:00 0



Direction: Total Flow

Hour Beginning	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<15	Bin 3 15<20	Bin 4 20<25	Bin 5 25<30	Bin 6 30<35	Bin 7 35<40	Bin 8 40<45	Bin 9 45<50	Bin 10 50<55	Bin 11 55<60	Bin 12 >=60
00:00	42	39.7	33.5	6.1	0	0	0	1	12	16	6	6	0	1	0	0
01:00	13	44.6	37.1	7.2	0	0	0	0	1	4	6	1	0	0	1	0
02:00	3	42.2	39.2	2.9	0	0	0	0	0	0	2	1	0	0	0	0
03:00	8	47.1	37.5	9.3	0	0	0	0	2	2	1	1	1	1	0	0
04:00	5	51.9	38.5	12.9	0	0	0	1	1	0	0	1	1	1	0	0
05:00	9	42.7	37.5	5.0	0	0	0	0	1	1	4	3	0	0	0	0
06:00	25	44.7	36.7	7.7	0	0	2	0	1	5	9	5	3	0	0	0
07:00	72	43.3	35.7	7.4	0	0	5	0	3	23	27	8	4	1	1	0
08:00	100	41.9	33.7	8.0	0	3	6	1	14	32	26	13	3	2	0	0
09:00	263	40.7	34.3	6.2	0	2	2	6	46	94	78	24	8	2	0	1
10:00	399	39.3	34.1	5.1	0	0	0	5	81	148	128	25	10	2	0	0
11:00	498	38.6	32.3	6.1	1	0	13	37	110	182	115	31	7	1	1	0
12:00	570	38.9	32.3	6.4	0	3	11	49	134	191	134	31	14	2	0	1
13:00	508	39.3	33.5	5.6	0	1	3	16	111	193	132	38	10	4	0	0
14:00	540	38.7	33.0	5.4	0	0	2	29	116	215	130	37	10	0	1	0
15:00	495	38.2	32.6	5.4	0	0	6	22	121	203	102	34	6	1	0	0
16:00	422	39.3	33.4	5.7	0	0	1	13	108	149	106	35	7	1	1	1
17:00	310	40.1	33.9	6.0	0	0	2	15	54	115	92	20	7	3	2	0
18:00	259	41.0	35.1	5.7	0	0	0	4	42	85	86	28	12	1	1	0
19:00	183	41.1	35.1	5.7	0	0	0	3	25	67	62	17	7	1	0	1
20:00	132	40.8	34.6	6.0	0	0	0	4	25	45	37	13	7	1	0	0
21:00	104	41.8	35.1	6.5	0	0	0	4	16	35	30	12	3	4	0	0
22:00	47	42.1	34.8	7.0	0	0	0	3	5	21	9	6	1	1	1	0
23:00	32	41.6	35.6	5.8	0	0	0	1	3	12	9	5	2	0	0	0
Total																
2H(10-12)	897	39.0	33.1	5.7	1	0	13	42	191	330	243	56	17	3	1	0
2H(14-16)	1035	38.4	32.8	5.4	0	0	8	51	237	418	232	71	16	1	1	0
12H(7-19)	4436	39.4	33.3	5.9	1	9	51	197	940	1630	1156	324	98	20	7	3
24H(0-24)	5039	39.7	33.5	6.0	1	9	53	214	1032	1838	1331	395	123	30	9	4
AM Peak	11:00 498	04:00 51.9	02:00 39.2	04:00 12.9	11:00 1	08:00 3	11:00 13	11:00 37	11:00 110	11:00 182	10:00 128	11:00 31	10:00 10	08:00 2	01:00 1	09:00 1
PM Peak	12:00 570	22:00 42.1	23:00 35.6	22:00 7.0	12:00 0	12:00 3	12:00 11	12:00 49	12:00 134	14:00 215	12:00 134	13:00 38	12:00 14	13:00 4	17:00 2	12:00 1



# North Wales ATC 5, A547

Direction: Westbound

09/05/2022

Hour Beginning	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<15	Bin 3 15<20	Bin 4 20<25	Bin 5 25<30	Bin 6 30<35	Bin 7 35<40	Bin 8 40<45	Bin 9 45<50	Bin 10 50<55	Bin 11 55<60	Bin 12 >=60
00:00	10	48.7	40.5	7.9	0	0	0	0	1	2	1	3	2	1	0	0
01:00	4	46.5	38.8	7.5	0	0	0	0	0	2	0	1	1	0	0	0
02:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
03:00	1	-	47.5	-	0	0	0	0	0	0	0	0	1	0	0	0
04:00	6	50.6	41.7	8.6	0	0	0	0	1	0	1	2	1	1	0	0
05:00	17	45.8	38.1	7.5	0	0	0	2	0	2	6	4	3	0	0	0
06:00	46	45.7	39.0	6.5	0	0	0	2	2	4	17	17	2	1	1	0
07:00	163	43.3	37.8	5.3	0	0	0	1	11	35	58	47	10	1	0	0
08:00	306	42.0	36.4	5.4	0	0	0	3	31	82	127	49	9	3	2	0
09:00	229	40.3	35.2	4.9	0	0	1	1	23	87	91	18	6	2	0	0
10:00	230	40.1	35.1	4.8	0	0	0	4	23	86	91	20	4	2	0	0
11:00	226	41.1	35.2	5.7	0	1	1	4	25	76	88	24	3	2	2	0
12:00	266	40.8	35.4	5.2	0	0	0	5	27	96	97	31	7	3	0	0
13:00	240	41.3	36.2	4.9	0	0	0	0	16	82	105	26	8	1	2	0
14:00	289	40.3	34.9	5.2	1	1	0	1	32	115	105	27	5	1	1	0
15:00	255	40.9	35.5	5.2	0	0	0	4	25	89	100	26	9	1	1	0
16:00	235	40.0	35.4	4.5	0	0	0	0	25	84	93	31	1	1	0	0
17:00	290	41.1	35.7	5.2	0	1	1	2	32	90	108	49	7	0	0	0
18:00	188	41.9	36.9	4.9	0	0	0	1	12	52	75	40	8	0	0	0
19:00	142	42.4	37.3	4.9	0	0	0	0	7	37	63	24	11	0	0	0
20:00	87	43.1	37.0	5.9	0	0	0	0	6	31	27	15	6	1	1	0
21:00	49	43.5	36.5	6.8	0	0	0	1	8	13	12	8	7	0	0	0
22:00	27	46.9	39.4	7.1	0	0	0	0	2	3	11	8	2	0	0	1
23:00	15	43.6	36.2	7.2	0	0	0	0	4	2	5	3	0	1	0	0
Total																
2H(10-12)	456	40.6	35.2	5.3	0	1	1	8	48	162	179	44	7	4	2	0
2H(14-16)	544	40.6	35.2	5.2	1	1	0	5	57	204	205	53	14	2	2	0
12H(7-19)	2917	41.1	35.7	5.2	1	3	3	26	282	974	1138	388	77	17	8	0
24H(0-24)	3321	41.5	36.0	5.3	1	3	3	31	313	1070	1281	473	113	22	10	1
AM Peak	08:00	04:00	03:00	04:00	00:00	11:00	09:00	10:00	08:00	09:00	08:00	08:00	07:00	08:00	08:00	00:00
	306	50.6	47.5	8.6	0	1	1	4	31	87	127	49	10	3	2	0
PM Peak	17:00	22:00	22:00	23:00	14:00	14:00	17:00	12:00	14:00	14:00	17:00	17:00	19:00	12:00	13:00	22:00
	290	46.9	39.4	7.2	1	1	1	5	32	115	108	49	11	3	2	1



Direction: Eastbound

Hour Beginning	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<15	Bin 3 15<20	Bin 4 20<25	Bin 5 25<30	Bin 6 30<35	Bin 7 35<40	Bin 8 40<45	Bin 9 45<50	Bin 10 50<55	Bin 11 55<60	Bin 12 >=60
00:00	7	40.2	38.2	1.9	0	0	0	0	0	0	6	1	0	0	0	0
01:00	4	41.5	33.8	7.5	0	0	0	0	2	0	1	1	0	0	0	0
02:00	1	-	37.5	-	0	0	0	0	0	0	1	0	0	0	0	0
03:00	2	37.5	37.5	0.0	0	0	0	0	0	0	2	0	0	0	0	0
04:00	2	38.7	35.0	3.5	0	0	0	0	0	1	1	0	0	0	0	0
05:00	15	40.5	33.8	6.4	0	0	1	0	2	5	5	2	0	0	0	0
06:00	38	40.0	33.2	6.6	0	1	1	1	7	11	13	4	0	0	0	0
07:00	134	37.8	32.7	4.9	0	0	1	6	28	61	28	10	0	0	0	0
08:00	255	35.6	31.6	3.9	0	0	0	10	70	135	36	4	0	0	0	0
09:00	238	34.8	30.1	4.6	0	0	5	26	75	107	23	2	0	0	0	0
10:00	215	35.7	29.7	5.8	0	0	11	15	94	72	20	1	0	0	0	2
11:00	237	33.7	29.4	4.2	0	0	1	31	101	86	17	1	0	0	0	0
12:00	266	33.8	29.2	4.4	0	0	6	38	98	107	17	0	0	0	0	0
13:00	249	34.8	29.7	4.9	1	2	5	19	104	89	27	2	0	0	0	0
14:00	224	34.5	29.9	4.4	0	0	1	25	89	84	23	2	0	0	0	0
15:00	322	33.8	28.7	4.9	0	0	20	42	125	110	25	0	0	0	0	0
16:00	306	34.4	30.1	4.2	0	0	3	27	116	134	22	4	0	0	0	0
17:00	310	35.9	30.8	5.0	0	3	4	29	80	145	45	3	1	0	0	0
18:00	165	36.9	32.3	4.4	0	0	0	7	42	74	36	6	0	0	0	0
19:00	135	36.7	31.8	4.7	0	0	0	10	35	57	29	4	0	0	0	0
20:00	103	36.6	32.0	4.4	0	0	0	4	30	46	19	4	0	0	0	0
21:00	55	37.7	32.5	5.0	0	0	0	4	13	19	17	2	0	0	0	0
22:00	39	38.6	33.8	4.7	0	0	0	2	3	21	9	4	0	0	0	0
23:00	8	35.7	28.1	7.3	0	0	0	4	1	2	0	1	0	0	0	0
Total																
2H(10-12)	452	34.7	29.5	5.0	0	0	12	46	195	158	37	2	0	0	0	2
2H(14-16)	546	34.1	29.2	4.7	0	0	21	67	214	194	48	2	0	0	0	0
12H(7-19)	2921	35.1	30.2	4.8	1	5	57	275	1022	1204	319	35	1	0	0	2
24H(0-24)	3330	35.5	30.4	4.9	1	6	59	300	1115	1366	422	58	1	0	0	2
AM Peak	08:00 255	01:00 41.5	00:00 38.2	01:00 7.5	00:00 0	06:00 1	10:00 11	11:00 31	11:00 101	08:00 135	08:00 36	07:00 10	00:00 0	00:00 0	00:00 0	10:00 2
PM Peak	15:00 322	22:00 38.6	22:00 33.8	23:00 7.3	13:00 1	17:00 3	15:00 20	15:00 42	15:00 125	17:00 145	17:00 45	18:00 6	17:00 1	12:00 0	12:00 0	12:00 0



Direction: Total Flow

Hour Beginning	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<15	Bin 3 15<20	Bin 4 20<25	Bin 5 25<30	Bin 6 30<35	Bin 7 35<40	Bin 8 40<45	Bin 9 45<50	Bin 10 50<55	Bin 11 55<60	Bin 12 >=60
00:00	17	45.9	39.6	6.1	0	0	0	0	1	2	7	4	2	1	0	0
01:00	8	44.0	36.3	7.4	0	0	0	0	2	2	1	2	1	0	0	0
02:00	1	-	37.5	-	0	0	0	0	0	0	1	0	0	0	0	0
03:00	3	46.8	40.8	5.8	0	0	0	0	0	0	2	0	1	0	0	0
04:00	8	48.3	40.0	8.0	0	0	0	0	1	1	2	2	1	1	0	0
05:00	32	43.6	36.1	7.2	0	0	1	2	2	7	11	6	3	0	0	0
06:00	84	43.8	36.4	7.1	0	1	1	3	9	15	30	21	2	1	1	0
07:00	297	41.4	35.5	5.7	0	0	1	7	39	96	86	57	10	1	0	0
08:00	561	39.8	34.2	5.4	0	0	0	13	101	217	163	53	9	3	2	0
09:00	467	38.2	32.6	5.4	0	0	6	27	98	194	114	20	6	2	0	0
10:00	445	38.7	32.5	6.0	0	0	11	19	117	158	111	21	4	2	0	2
11:00	463	38.2	32.2	5.8	0	1	2	35	126	162	105	25	3	2	2	0
12:00	532	38.3	32.3	5.7	0	0	6	43	125	203	114	31	7	3	0	0
13:00	489	39.0	32.9	5.9	1	2	5	19	120	171	132	28	8	1	2	0
14:00	513	38.4	32.7	5.4	1	1	1	26	121	199	128	29	5	1	1	0
15:00	577	38.0	31.7	6.1	0	0	20	46	150	199	125	26	9	1	1	0
16:00	541	37.6	32.4	5.1	0	0	3	27	141	218	115	35	1	1	0	0
17:00	600	39.0	33.1	5.7	0	4	5	31	112	235	153	52	8	0	0	0
18:00	353	40.1	34.7	5.2	0	0	0	8	54	126	111	46	8	0	0	0
19:00	277	40.3	34.6	5.5	0	0	0	10	42	94	92	28	11	0	0	0
20:00	190	40.2	34.3	5.7	0	0	0	4	36	77	46	19	6	1	1	0
21:00	104	40.8	34.4	6.2	0	0	0	5	21	32	29	10	7	0	0	0
22:00	66	42.7	36.1	6.4	0	0	0	2	5	24	20	12	2	0	0	1
23:00	23	41.7	33.4	8.1	0	0	0	4	5	4	5	4	0	1	0	0
Total																
2H(10-12)	908	38.4	32.4	5.9	0	1	13	54	243	320	216	46	7	4	2	2
2H(14-16)	1090	38.2	32.2	5.8	1	1	21	72	271	398	253	55	14	2	2	0
12H(7-19)	5838	38.9	33.0	5.7	2	8	60	301	1304	2178	1457	423	78	17	8	2
24H(0-24)	6651	39.2	33.2	5.8	2	9	62	331	1428	2436	1703	531	114	22	10	3
AM Peak	08:00 561	04:00 48.3	03:00 40.8	04:00 8.0	00:00 0	06:00 1	10:00 11	11:00 35	11:00 126	08:00 217	08:00 163	07:00 57	07:00 10	08:00 3	08:00 2	10:00 2
PM Peak	17:00 600	22:00 42.7	22:00 36.1	23:00 8.1	13:00 1	17:00 4	15:00 20	15:00 46	15:00 150	17:00 235	17:00 153	17:00 52	19:00 11	12:00 3	13:00 2	22:00 1



# North Wales ATC 5, A547

Direction: Westbound

10/05/2022

Hour Beginning	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<15	Bin 3 15<20	Bin 4 20<25	Bin 5 25<30	Bin 6 30<35	Bin 7 35<40	Bin 8 40<45	Bin 9 45<50	Bin 10 50<55	Bin 11 55<60	Bin 12 >=60
00:00	4	54.0	45.0	8.7	0	0	0	0	0	0	1	2	0	0	1	0
01:00	4	43.0	40.0	2.9	0	0	0	0	0	0	2	2	0	0	0	0
02:00	1	-	37.5	-	0	0	0	0	0	0	1	0	0	0	0	0
03:00	3	37.5	37.5	0.0	0	0	0	0	0	0	3	0	0	0	0	0
04:00	2	42.5	42.5	0.0	0	0	0	0	0	0	0	2	0	0	0	0
05:00	17	45.9	39.3	6.4	0	0	0	0	2	2	4	6	3	0	0	0
06:00	52	43.8	34.9	8.6	0	2	1	5	4	10	14	12	4	0	0	0
07:00	168	42.2	36.8	5.1	0	0	0	2	12	44	66	37	6	1	0	0
08:00	297	41.2	35.7	5.3	0	0	2	3	33	87	120	43	7	1	1	0
09:00	232	40.0	35.1	4.7	0	1	0	2	24	84	90	29	2	0	0	0
10:00	248	38.8	34.3	4.4	0	0	1	4	25	113	88	14	3	0	0	0
11:00	253	40.5	34.8	5.5	1	2	1	5	23	93	96	27	5	0	0	0
12:00	239	40.8	35.4	5.2	0	0	1	3	28	76	96	28	4	3	0	0
13:00	243	41.0	35.9	5.0	0	0	0	1	20	89	91	33	7	1	1	0
14:00	278	39.9	34.9	4.8	0	0	1	2	32	107	103	29	2	2	0	0
15:00	234	41.2	35.7	5.3	0	0	2	2	18	82	95	22	11	2	0	0
16:00	308	41.2	35.9	5.2	0	1	2	1	19	116	112	47	7	3	0	0
17:00	291	41.6	36.0	5.5	0	1	1	2	23	103	102	46	9	4	0	0
18:00	183	41.8	36.1	5.5	0	0	1	3	16	55	70	30	6	2	0	0
19:00	129	43.2	37.0	6.0	0	0	1	0	10	37	48	21	9	2	1	0
20:00	77	43.7	38.1	5.4	0	0	0	1	3	13	38	14	6	2	0	0
21:00	59	48.0	39.1	8.6	0	0	0	0	6	15	16	11	4	4	1	2
22:00	34	45.9	38.7	7.0	0	0	0	1	2	7	9	11	1	3	0	0
23:00	13	44.6	38.3	6.1	0	0	0	0	1	3	4	3	2	0	0	0
Total																
2H(10-12)	501	39.7	34.5	5.0	1	2	2	9	48	206	184	41	8	0	0	0
2H(14-16)	512	40.5	35.3	5.0	0	0	3	4	50	189	198	51	13	4	0	0
12H(7-19)	2974	40.9	35.5	5.2	1	5	12	30	273	1049	1129	385	69	19	2	0
24H(0-24)	3369	41.4	35.8	5.4	1	7	14	37	301	1136	1269	469	98	30	5	2
AM Peak	08:00 297	00:00 54.0	00:00 45.0	00:00 8.7	11:00 1	06:00 2	08:00 2	06:00 5	08:00 33	10:00 113	08:00 120	08:00 43	08:00 7	07:00 1	00:00 1	00:00 0
PM Peak	16:00 308	21:00 48.0	21:00 39.1	21:00 8.6	12:00 0	16:00 1	15:00 2	12:00 3	14:00 32	16:00 116	16:00 112	16:00 47	15:00 11	17:00 4	13:00 1	21:00 2



Direction: Eastbound

Hour Beginning	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<15	Bin 3 15<20	Bin 4 20<25	Bin 5 25<30	Bin 6 30<35	Bin 7 35<40	Bin 8 40<45	Bin 9 45<50	Bin 10 50<55	Bin 11 55<60	Bin 12 >=60
00:00	2	32.5	32.5	0.0	0	0	0	0	0	2	0	0	0	0	0	0
01:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
03:00	1	-	27.5	-	0	0	0	0	1	0	0	0	0	0	0	0
04:00	2	33.7	30.0	3.5	0	0	0	0	1	1	0	0	0	0	0	0
05:00	12	38.8	34.2	4.4	0	0	0	0	2	5	4	1	0	0	0	0
06:00	41	35.7	29.8	5.7	0	1	0	7	11	16	5	1	0	0	0	0
07:00	144	36.4	30.8	5.4	0	1	1	18	42	47	33	2	0	0	0	0
08:00	257	35.2	30.7	4.4	0	1	2	18	86	114	35	1	0	0	0	0
09:00	240	35.4	31.5	3.7	0	0	0	11	60	137	30	2	0	0	0	0
10:00	187	34.7	29.8	4.7	0	1	3	22	63	83	11	4	0	0	0	0
11:00	234	34.3	29.2	4.9	1	2	4	26	99	81	19	2	0	0	0	0
12:00	239	34.4	29.5	4.7	0	0	5	32	89	89	22	2	0	0	0	0
13:00	240	34.9	30.2	4.5	0	0	4	17	97	95	23	3	1	0	0	0
14:00	219	35.0	30.2	4.6	0	0	6	15	79	94	22	3	0	0	0	0
15:00	314	33.6	29.5	3.9	0	0	2	37	124	137	13	1	0	0	0	0
16:00	308	34.6	30.4	4.1	0	1	0	24	114	136	32	1	0	0	0	0
17:00	327	35.1	30.6	4.4	0	0	5	29	97	155	39	2	0	0	0	0
18:00	189	36.1	31.2	4.8	0	1	2	13	54	84	31	4	0	0	0	0
19:00	145	38.4	32.3	5.8	0	1	3	12	27	52	41	9	0	0	0	0
20:00	119	37.1	31.8	5.1	0	0	4	4	30	52	26	2	1	0	0	0
21:00	65	37.7	32.4	5.1	0	0	0	7	10	28	17	3	0	0	0	0
22:00	39	40.0	32.5	7.3	0	0	0	7	8	11	6	5	2	0	0	0
23:00	15	38.3	31.8	6.2	0	0	1	1	3	4	6	0	0	0	0	0
Total																
2H(10-12)	421	34.5	29.5	4.8	1	3	7	48	162	164	30	6	0	0	0	0
2H(14-16)	533	34.2	29.8	4.2	0	0	8	52	203	231	35	4	0	0	0	0
12H(7-19)	2898	34.9	30.3	4.5	1	7	34	262	1004	1252	310	27	1	0	0	0
24H(0-24)	3339	35.4	30.5	4.7	1	9	42	300	1097	1423	415	48	4	0	0	0
AM Peak	08:00	05:00	05:00	06:00	11:00	11:00	11:00	11:00	11:00	09:00	08:00	10:00	00:00	00:00	00:00	00:00
	257	38.8	34.2	5.7	1	2	4	26	99	137	35	4	0	0	0	0
PM Peak	17:00	22:00	22:00	22:00	12:00	16:00	14:00	15:00	15:00	17:00	19:00	19:00	22:00	12:00	12:00	12:00
	327	40.0	32.5	7.3	0	1	6	37	124	155	41	9	2	0	0	0



Direction: Total Flow

Hour Beginning	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<15	Bin 3 15<20	Bin 4 20<25	Bin 5 25<30	Bin 6 30<35	Bin 7 35<40	Bin 8 40<45	Bin 9 45<50	Bin 10 50<55	Bin 11 55<60	Bin 12 >=60
00:00	6	50.5	40.8	9.3	0	0	0	0	0	2	1	2	0	0	1	0
01:00	4	43.0	40.0	2.9	0	0	0	0	0	0	2	2	0	0	0	0
02:00	1	-	37.5	-	0	0	0	0	0	0	1	0	0	0	0	0
03:00	4	40.2	35.0	5.0	0	0	0	0	1	0	3	0	0	0	0	0
04:00	4	44.0	36.3	7.5	0	0	0	0	1	1	0	2	0	0	0	0
05:00	29	43.5	37.2	6.1	0	0	0	0	4	7	8	7	3	0	0	0
06:00	93	40.8	32.7	7.9	0	3	1	12	15	26	19	13	4	0	0	0
07:00	312	40.3	34.1	6.0	0	1	1	20	54	91	99	39	6	1	0	0
08:00	554	39.1	33.4	5.5	0	1	4	21	119	201	155	44	7	1	1	0
09:00	472	38.1	33.3	4.6	0	1	0	13	84	221	120	31	2	0	0	0
10:00	435	37.6	32.4	5.0	0	1	4	26	88	196	99	18	3	0	0	0
11:00	487	38.2	32.1	5.9	2	4	5	31	122	174	115	29	5	0	0	0
12:00	478	38.4	32.5	5.8	0	0	6	35	117	165	118	30	4	3	0	0
13:00	483	38.8	33.1	5.5	0	0	4	18	117	184	114	36	8	1	1	0
14:00	497	38.3	32.9	5.2	0	0	7	17	111	201	125	32	2	2	0	0
15:00	548	37.9	32.2	5.5	0	0	4	39	142	219	108	23	11	2	0	0
16:00	616	38.7	33.1	5.4	0	2	2	25	133	252	144	48	7	3	0	0
17:00	618	39.0	33.1	5.6	0	1	6	31	120	258	141	48	9	4	0	0
18:00	372	39.5	33.6	5.7	0	1	3	16	70	139	101	34	6	2	0	0
19:00	274	41.1	34.5	6.3	0	1	4	12	37	89	89	30	9	2	1	0
20:00	196	40.6	34.3	6.1	0	0	4	5	33	65	64	16	7	2	0	0
21:00	124	43.6	35.6	7.7	0	0	0	7	16	43	33	14	4	4	1	2
22:00	73	43.4	35.4	7.7	0	0	0	8	10	18	15	16	3	3	0	0
23:00	28	41.9	34.8	6.9	0	0	1	1	4	7	10	3	2	0	0	0
<b>Total</b>																
2H(10-12)	922	37.9	32.2	5.5	2	5	9	57	210	370	214	47	8	0	0	0
2H(14-16)	1045	38.1	32.5	5.4	0	0	11	56	253	420	233	55	13	4	0	0
12H(7-19)	5872	38.6	32.9	5.5	2	12	46	292	1277	2301	1439	412	70	19	2	0
24H(0-24)	6708	39.1	33.1	5.7	2	16	56	337	1398	2559	1684	517	102	30	5	2
<b>AM Peak</b>	08:00	00:00	00:00	00:00	11:00	11:00	11:00	11:00	11:00	09:00	08:00	08:00	08:00	07:00	00:00	00:00
	554	50.5	40.8	9.3	2	4	5	31	122	221	155	44	7	1	1	0
<b>PM Peak</b>	17:00	21:00	21:00	21:00	12:00	16:00	14:00	15:00	15:00	17:00	16:00	16:00	15:00	17:00	13:00	21:00
	618	43.6	35.6	7.7	0	2	7	39	142	258	144	48	11	4	1	2



# North Wales ATC 5, A547

Direction: Westbound

11/05/2022

Hour Beginning	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<15	Bin 3 15<20	Bin 4 20<25	Bin 5 25<30	Bin 6 30<35	Bin 7 35<40	Bin 8 40<45	Bin 9 45<50	Bin 10 50<55	Bin 11 55<60	Bin 12 >=60
00:00	2	58.3	40.0	17.7	0	0	0	0	1	0	0	0	0	1	0	0
01:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
02:00	1	-	22.5	-	0	0	0	1	0	0	0	0	0	0	0	0
03:00	4	43.7	38.8	4.8	0	0	0	0	0	1	1	2	0	0	0	0
04:00	7	49.3	40.4	8.6	0	0	0	0	0	2	2	2	0	0	1	0
05:00	17	47.2	38.4	8.5	0	0	0	2	1	1	6	3	3	1	0	0
06:00	49	44.1	38.0	5.9	0	0	0	1	5	6	17	16	4	0	0	0
07:00	159	41.9	36.3	5.4	0	0	1	6	10	34	74	30	4	0	0	0
08:00	272	41.3	36.2	4.9	0	0	0	0	26	78	117	44	6	0	0	1
09:00	224	41.1	35.6	5.2	0	1	2	2	12	82	94	25	3	2	1	0
10:00	231	39.7	34.9	4.6	0	0	1	0	20	107	77	21	4	0	1	0
11:00	285	39.6	35.0	4.4	0	0	0	2	32	105	119	23	3	1	0	0
12:00	301	40.3	35.5	4.6	0	0	0	0	30	115	107	44	4	1	0	0
13:00	236	40.0	34.8	5.0	0	0	0	3	29	95	85	19	3	1	0	1
14:00	266	39.9	34.9	4.8	0	0	0	4	27	111	92	30	1	0	0	1
15:00	244	39.9	34.8	5.0	0	0	1	1	31	105	71	28	7	0	0	0
16:00	293	40.2	35.2	4.8	0	0	3	2	25	110	115	32	6	0	0	0
17:00	251	41.3	35.3	5.7	0	1	1	2	25	95	93	26	4	2	0	2
18:00	195	42.6	37.0	5.3	0	0	1	1	8	58	80	35	10	0	2	0
19:00	148	41.7	36.0	5.5	0	0	0	2	12	53	54	18	6	3	0	0
20:00	193	43.7	37.3	6.2	0	0	0	0	13	59	74	29	10	4	3	1
21:00	121	41.5	35.7	5.6	0	0	0	3	12	42	41	17	4	2	0	0
22:00	93	45.0	38.6	6.2	0	0	0	3	0	20	41	14	10	5	0	0
23:00	37	43.5	37.8	5.5	0	0	0	1	1	8	16	7	4	0	0	0
Total																
2H(10-12)	516	39.6	35.0	4.5	0	0	1	2	52	212	196	44	7	1	1	0
2H(14-16)	510	39.9	34.8	4.9	0	0	1	5	58	216	163	58	8	0	0	1
12H(7-19)	2957	40.6	35.4	5.0	0	2	10	23	275	1095	1124	357	55	7	4	5
24H(0-24)	3629	41.2	35.7	5.3	0	2	10	36	320	1287	1376	465	96	23	8	6
AM Peak	11:00 285	00:00 58.3	04:00 40.4	00:00 17.7	00:00 0	09:00 1	09:00 2	07:00 6	11:00 32	10:00 107	11:00 119	08:00 44	08:00 6	09:00 2	04:00 1	08:00 1
PM Peak	12:00 301	22:00 45.0	22:00 38.6	22:00 6.2	12:00 0	17:00 1	16:00 3	14:00 4	15:00 31	12:00 115	16:00 115	12:00 44	18:00 10	22:00 5	20:00 3	17:00 2



Direction: Eastbound

Hour Beginning	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<15	Bin 3 15<20	Bin 4 20<25	Bin 5 25<30	Bin 6 30<35	Bin 7 35<40	Bin 8 40<45	Bin 9 45<50	Bin 10 50<55	Bin 11 55<60	Bin 12 >=60
00:00	10	38.5	32.5	5.8	0	0	0	1	2	4	2	1	0	0	0	0
01:00	2	39.8	32.5	7.1	0	0	0	0	1	0	1	0	0	0	0	0
02:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
03:00	7	35.5	32.5	2.9	0	0	0	0	1	5	1	0	0	0	0	0
04:00	1	-	37.5	-	0	0	0	0	0	0	1	0	0	0	0	0
05:00	10	35.6	31.5	3.9	0	0	0	0	4	4	2	0	0	0	0	0
06:00	33	41.0	34.2	6.6	0	1	0	0	6	12	8	5	1	0	0	0
07:00	144	36.0	30.8	5.1	0	2	2	8	47	62	19	4	0	0	0	0
08:00	262	35.7	31.4	4.1	0	0	0	11	82	128	34	7	0	0	0	0
09:00	238	34.7	30.3	4.3	0	0	1	24	84	100	28	1	0	0	0	0
10:00	214	34.6	30.2	4.2	0	1	2	12	84	97	15	3	0	0	0	0
11:00	240	34.9	30.6	4.2	0	0	0	20	88	99	31	2	0	0	0	0
12:00	235	35.6	30.1	5.3	0	3	7	19	82	85	37	2	0	0	0	0
13:00	235	31.5	26.7	4.6	0	1	13	69	97	48	7	0	0	0	0	0
14:00	263	31.6	27.4	4.1	0	0	12	48	142	55	6	0	0	0	0	0
15:00	302	32.3	28.4	3.8	0	0	2	43	171	72	13	1	0	0	0	0
16:00	316	32.1	26.8	5.2	2	5	24	65	139	73	8	0	0	0	0	0
17:00	305	32.6	27.9	4.5	0	8	4	31	188	60	12	2	0	0	0	0
18:00	200	32.5	28.2	4.2	0	0	1	45	89	58	5	2	0	0	0	0
19:00	157	32.3	27.4	4.7	0	1	7	35	71	36	7	0	0	0	0	0
20:00	176	34.3	29.6	4.5	0	0	1	27	65	64	18	1	0	0	0	0
21:00	125	34.1	28.5	5.3	0	0	8	20	48	38	10	0	1	0	0	0
22:00	79	36.1	30.9	5.0	0	0	0	6	31	31	7	2	2	0	0	0
23:00	50	38.0	33.0	4.9	0	0	1	1	10	20	16	2	0	0	0	0
Total																
2H(10-12)	454	34.8	30.4	4.2	0	1	2	32	172	196	46	5	0	0	0	0
2H(14-16)	565	32.0	27.9	4.0	0	0	14	91	313	127	19	1	0	0	0	0
12H(7-19)	2954	33.8	28.9	4.7	2	20	68	395	1293	937	215	24	0	0	0	0
24H(0-24)	3604	34.1	29.1	4.8	2	22	85	485	1532	1151	288	35	4	0	0	0
AM Peak	08:00 262	06:00 41.0	04:00 37.5	01:00 7.1	00:00 0	07:00 2	07:00 2	09:00 24	11:00 88	08:00 128	08:00 34	08:00 7	06:00 1	00:00 0	00:00 0	00:00 0
PM Peak	16:00 316	23:00 38.0	23:00 33.0	21:00 5.3	16:00 2	17:00 8	16:00 24	13:00 69	17:00 188	12:00 85	12:00 37	12:00 2	22:00 2	12:00 0	12:00 0	12:00 0



Direction: Total Flow

Hour Beginning	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<15	Bin 3 15<20	Bin 4 20<25	Bin 5 25<30	Bin 6 30<35	Bin 7 35<40	Bin 8 40<45	Bin 9 45<50	Bin 10 50<55	Bin 11 55<60	Bin 12 >=60
00:00	12	42.1	33.8	8.0	0	0	0	1	3	4	2	1	0	1	0	0
01:00	2	39.8	32.5	7.1	0	0	0	0	1	0	1	0	0	0	0	0
02:00	1	-	22.5	-	0	0	0	1	0	0	0	0	0	0	0	0
03:00	11	39.6	34.8	4.7	0	0	0	0	1	6	2	2	0	0	0	0
04:00	8	48.3	40.0	8.0	0	0	0	0	0	2	3	2	0	0	1	0
05:00	27	44.0	35.8	7.8	0	0	0	2	5	5	8	3	3	1	0	0
06:00	82	43.1	36.5	6.4	0	1	0	1	11	18	25	21	5	0	0	0
07:00	303	39.8	33.7	5.9	0	2	3	14	57	96	93	34	4	0	0	0
08:00	534	39.2	33.9	5.1	0	0	0	11	108	206	151	51	6	0	0	1
09:00	462	38.5	32.9	5.5	0	1	3	26	96	182	122	26	3	2	1	0
10:00	445	37.9	32.7	5.0	0	1	3	12	104	204	92	24	4	0	1	0
11:00	525	38.0	33.0	4.9	0	0	0	22	120	204	150	25	3	1	0	0
12:00	536	38.9	33.1	5.6	0	3	7	19	112	200	144	46	4	1	0	0
13:00	471	37.3	30.8	6.3	0	1	13	72	126	143	92	19	3	1	0	1
14:00	529	37.2	31.2	5.8	0	0	12	52	169	166	98	30	1	0	0	1
15:00	546	36.8	31.3	5.4	0	0	3	44	202	177	84	29	7	0	0	0
16:00	609	37.6	30.8	6.5	2	5	27	67	164	183	123	32	6	0	0	0
17:00	556	37.8	31.3	6.3	0	9	5	33	213	155	105	28	4	2	0	2
18:00	395	39.3	32.6	6.5	0	0	2	46	97	116	85	37	10	0	2	0
19:00	305	38.5	31.6	6.6	0	1	7	37	83	89	61	18	6	3	0	0
20:00	369	40.6	33.6	6.7	0	0	1	27	78	123	92	30	10	4	3	1
21:00	246	38.8	32.1	6.5	0	0	8	23	60	80	51	17	5	2	0	0
22:00	172	42.2	35.0	6.9	0	0	0	9	31	51	48	16	12	5	0	0
23:00	87	40.9	35.0	5.6	0	0	1	2	11	28	32	9	4	0	0	0
Total																
2H(10-12)	970	37.9	32.8	4.9	0	1	3	34	224	408	242	49	7	1	1	0
2H(14-16)	1075	37.0	31.2	5.6	0	0	15	96	371	343	182	59	8	0	0	1
12H(7-19)	5911	38.2	32.2	5.9	2	22	78	418	1568	2032	1339	381	55	7	4	5
24H(0-24)	7233	38.7	32.4	6.1	2	24	95	521	1852	2438	1664	500	100	23	8	6
AM Peak	08:00 534	04:00 48.3	04:00 40.0	04:00 8.0	00:00 0	07:00 2	07:00 3	09:00 26	11:00 120	08:00 206	08:00 151	08:00 51	08:00 6	09:00 2	04:00 1	08:00 1
PM Peak	16:00 609	22:00 42.2	22:00 35.0	22:00 6.9	16:00 2	17:00 9	16:00 27	13:00 72	17:00 213	12:00 200	12:00 144	12:00 46	22:00 12	22:00 5	20:00 3	17:00 2



North Wales ATC 6, A547 Market Street



Direction: Eastbound

Hour Beginning	Thu 28/04/2022	Fri 29/04/2022	Sat 30/04/2022	Sun 01/05/2022	Mon 02/05/2022	Tue 03/05/2022	Wed 04/05/2022	5-Day Ave.	7-Day Ave.
00:00	14	7	15	18	8	2	7	8	10
01:00	4	1	8	16	4	3	3	3	6
02:00	4	1	4	9	6	4	1	3	4
03:00	7	3	4	5	3	1	5	4	4
04:00	6	6	8	7	5	8	5	6	6
05:00	16	21	16	12	15	25	29	21	19
06:00	62	53	28	13	22	60	47	49	41
07:00	199	184	111	35	52	207	199	168	141
08:00	358	337	177	71	106	362	356	304	252
09:00	308	281	314	170	202	314	311	283	271
10:00	268	389	351	255	279	336	319	318	314
11:00	327	355	372	300	333	325	310	330	332
12:00	380	398	348	324	358	324	325	357	351
13:00	365	358	367	328	355	312	321	342	344
14:00	336	404	360	342	339	326	316	344	346
15:00	451	409	381	320	377	344	378	392	380
16:00	402	430	325	255	433	390	421	415	379
17:00	349	386	334	214	464	388	365	390	357
18:00	286	283	242	181	227	278	241	263	248
19:00	195	190	190	164	156	199	184	185	183
20:00	131	147	133	93	106	115	138	127	123
21:00	78	99	95	63	50	87	66	76	77
22:00	34	54	47	41	26	40	38	38	40
23:00	16	26	31	20	18	16	17	19	21
Total									
12H(7-19)	4029	4214	3682	2795	3525	3906	3862	3907	3716
16H(6-22)	4495	4703	4128	3128	3859	4367	4297	4344	4140
18H(6-24)	4545	4783	4206	3189	3903	4423	4352	4401	4200
24H(0-24)	4596	4822	4261	3256	3944	4466	4402	4446	4250
AM Peak	08:00	10:00	11:00	11:00	11:00	08:00	08:00	11:00	11:00
	358	389	372	300	333	362	356	330	332
PM Peak	15:00	16:00	15:00	14:00	17:00	16:00	16:00	16:00	15:00
	451	430	381	342	464	390	421	415	380

360 TSL Ltd

Direction: Westbound

Hour Beginning	Thu 28/04/2022	Fri 29/04/2022	Sat 30/04/2022	Sun 01/05/2022	Mon 02/05/2022	Tue 03/05/2022	Wed 04/05/2022	5-Day Ave.	7-Day Ave.
00:00	34	6	15	20	14	9	8	14	15
01:00	9	4	10	19	7	2	2	5	8
02:00	2	1	2	9	4	1	0	2	3
03:00	2	1	2	6	2	0	2	1	2
04:00	4	2	3	5	2	2	4	3	3
05:00	13	11	10	1	9	12	11	11	10
06:00	46	36	21	12	19	43	41	37	31
07:00	133	137	75	54	50	161	151	126	109
08:00	280	297	203	96	96	288	285	249	221
09:00	300	337	332	123	166	309	314	285	269
10:00	312	384	424	294	292	340	318	329	338
11:00	339	409	469	319	389	383	375	379	383
12:00	376	479	452	394	386	356	358	391	400
13:00	311	366	401	366	361	318	337	339	351
14:00	319	382	373	405	328	337	366	346	359
15:00	410	450	349	387	335	379	413	397	389
16:00	439	627	370	264	286	373	399	425	394
17:00	414	594	341	199	332	409	458	441	392
18:00	311	353	269	156	218	297	282	292	269
19:00	237	241	231	136	124	218	204	205	199
20:00	141	196	144	106	81	136	131	137	134
21:00	98	133	101	70	71	113	79	99	95
22:00	56	71	56	45	36	41	54	52	51
23:00	21	26	29	24	21	15	14	19	21
Total									
12H(7-19)	3944	4815	4058	3057	3239	3950	4056	4001	3874
16H(6-22)	4466	5421	4555	3381	3534	4460	4511	4478	4333
18H(6-24)	4543	5518	4640	3450	3591	4516	4579	4549	4405
24H(0-24)	4607	5543	4682	3510	3629	4542	4606	4585	4446
AM Peak	11:00	11:00	11:00	11:00	11:00	11:00	11:00	11:00	11:00
	339	409	469	319	389	383	375	379	383
PM Peak	16:00	16:00	12:00	14:00	12:00	17:00	17:00	17:00	12:00
	439	627	452	405	386	409	458	441	400

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Thu 28/04/2022	Fri 29/04/2022	Sat 30/04/2022	Sun 01/05/2022	Mon 02/05/2022	Tue 03/05/2022	Wed 04/05/2022	5-Day Ave.	7-Day Ave.
00:00	48	13	30	38	22	11	15	22	25
01:00	13	5	18	35	11	5	5	8	13
02:00	6	2	6	18	10	5	1	5	7
03:00	9	4	6	11	5	1	7	5	6
04:00	10	8	11	12	7	10	9	9	10
05:00	29	32	26	13	24	37	40	32	29
06:00	108	89	49	25	41	103	88	96	72
07:00	332	321	186	89	102	368	350	295	250
08:00	638	634	380	167	202	650	641	553	473
09:00	608	618	646	293	368	623	625	568	540
10:00	580	773	775	549	571	676	637	647	652
11:00	666	764	841	619	722	708	685	709	715
12:00	756	877	800	718	744	680	683	748	751
13:00	676	724	768	694	716	630	658	681	695
14:00	655	786	733	747	667	663	682	691	705
15:00	861	859	730	707	712	723	791	789	769
16:00	841	1057	695	519	719	763	820	840	773
17:00	763	980	675	413	796	797	823	832	750
18:00	597	636	511	337	445	575	523	555	518
19:00	432	431	421	300	280	417	388	390	381
20:00	272	343	277	199	187	251	269	264	257
21:00	176	232	196	133	121	200	145	175	172
22:00	90	125	103	86	62	81	92	90	91
23:00	37	52	60	44	39	31	31	38	42
Total									
12H(7-19)	7973	9029	7740	5852	6764	7856	7918	7908	7590
16H(6-22)	8961	10124	8683	6509	7393	8827	8808	8823	8472
18H(6-24)	9088	10301	8846	6639	7494	8939	8931	8951	8605
24H(0-24)	9203	10365	8943	6766	7573	9008	9008	9031	8695
AM Peak	11:00	10:00	11:00	11:00	11:00	11:00	11:00	11:00	11:00
	666	773	841	619	722	708	685	709	715
PM Peak	15:00	16:00	12:00	14:00	17:00	17:00	17:00	16:00	16:00
	861	1057	800	747	796	797	823	840	773

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North Wales ATC 6, A547 Market Street

Direction: Eastbound

	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 28 Apr 2022	4596	4055	440	8	93
Fri 29 Apr 2022	4822	4305	427	6	84
Sat 30 Apr 2022	4261	3862	323	6	70
Sun 1 May 2022	3256	2963	251	1	41
Mon 2 May 2022	3944	3595	291	8	50
Tue 3 May 2022	4466	3942	430	6	88
Wed 4 May 2022	4402	3923	400	2	77
5 Day Ave.	4446	3964	398	6	78
7 Day Ave.	4250	3806	366	5	72

Direction: Westbound

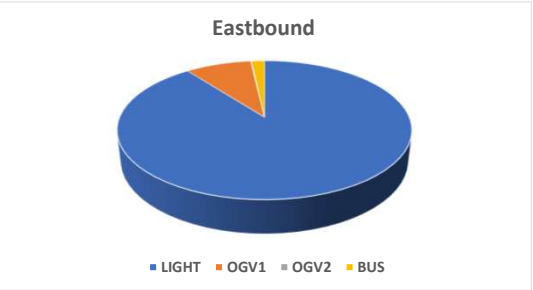
	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 28 Apr 2022	4607	4060	454	4	89
Fri 29 Apr 2022	5543	4967	488	8	80
Sat 30 Apr 2022	4682	4277	319	11	75
Sun 1 May 2022	3510	3226	245	2	37
Mon 2 May 2022	3629	3342	246	3	38
Tue 3 May 2022	4542	4026	441	9	66
Wed 4 May 2022	4606	4079	452	4	71
5 Day Ave.	4585	4095	416	6	69
7 Day Ave.	4446	3997	378	6	65

Direction: Total Flow

	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 28 Apr 2022	9203	8115	894	12	182
Fri 29 Apr 2022	10365	9272	915	14	164
Sat 30 Apr 2022	8943	8139	642	17	145
Sun 1 May 2022	6766	6189	496	3	78
Mon 2 May 2022	7573	6937	537	11	88
Tue 3 May 2022	9008	7968	871	15	154
Wed 4 May 2022	9008	8002	852	6	148
5 Day Ave.	9031	8059	814	12	147
7 Day Ave.	8695	7803	744	11	137

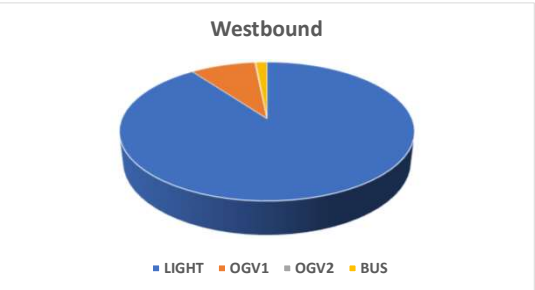
	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 28 Apr 2022	100.0%	88.2%	9.6%	0.2%	2.0%
Fri 29 Apr 2022	100.0%	89.3%	8.9%	0.1%	1.7%
Sat 30 Apr 2022	100.0%	90.6%	7.6%	0.1%	1.6%
Sun 1 May 2022	100.0%	91.0%	7.7%	0.0%	1.3%
Mon 2 May 2022	100.0%	91.2%	7.4%	0.2%	1.3%
Tue 3 May 2022	100.0%	88.3%	9.6%	0.1%	2.0%
Wed 4 May 2022	100.0%	89.1%	9.1%	0.0%	1.7%
5 Day Ave.	100.0%	89.2%	8.9%	0.1%	1.8%
7 Day Ave.	100.0%	89.6%	8.6%	0.1%	1.7%

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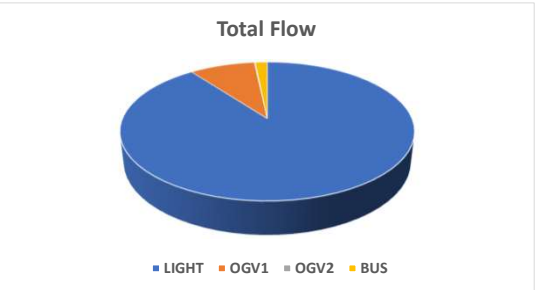
	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 28 Apr 2022	100.0%	88.1%	9.9%	0.1%	1.9%
Fri 29 Apr 2022	100.0%	89.6%	8.8%	0.1%	1.4%
Sat 30 Apr 2022	100.0%	91.3%	6.8%	0.2%	1.6%
Sun 1 May 2022	100.0%	91.9%	7.0%	0.1%	1.1%
Mon 2 May 2022	100.0%	92.1%	6.8%	0.1%	1.0%
Tue 3 May 2022	100.0%	88.6%	9.7%	0.2%	1.5%
Wed 4 May 2022	100.0%	88.6%	9.8%	0.1%	1.5%
5 Day Ave.	100.0%	89.3%	9.1%	0.1%	1.5%
7 Day Ave.	100.0%	89.9%	8.5%	0.1%	1.5%

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	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 28 Apr 2022	100.0%	88.2%	9.7%	0.1%	2.0%
Fri 29 Apr 2022	100.0%	89.5%	8.8%	0.1%	1.6%
Sat 30 Apr 2022	100.0%	91.0%	7.2%	0.2%	1.6%
Sun 1 May 2022	100.0%	91.5%	7.3%	0.0%	1.2%
Mon 2 May 2022	100.0%	91.6%	7.1%	0.1%	1.2%
Tue 3 May 2022	100.0%	88.5%	9.7%	0.2%	1.7%
Wed 4 May 2022	100.0%	88.8%	9.5%	0.1%	1.6%
5 Day Ave.	100.0%	89.2%	9.0%	0.1%	1.6%
7 Day Ave.	100.0%	89.7%	8.6%	0.1%	1.6%

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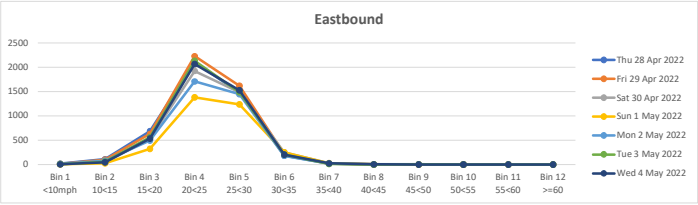


North Wales ATC 6, A547 Market Street

Direction: Eastbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<15	Bin 3 15<20	Bin 4 20<25	Bin 5 25<30	Bin 6 30<35	Bin 7 35<40	Bin 8 40<45	Bin 9 45<50	Bin 10 50<55	Bin 11 55<60	Bin 12 >=60
Thu 28 Apr 2022	4596	28.1	23.6	4.4	16	109	683	2110	1470	186	17	1	4	0	0	0
Fri 29 Apr 2022	4822	28.2	23.8	4.3	14	98	628	2227	1616	220	17	2	0	0	0	0
Sat 30 Apr 2022	4261	28.5	24.2	4.2	6	45	526	1923	1483	251	25	2	0	0	0	0
Sun 1 May 2022	3256	29.1	24.7	4.3	4	29	322	1382	1239	249	28	3	0	0	0	0
Mon 2 May 2022	3944	28.5	24.0	4.4	11	79	494	1708	1446	180	20	4	2	0	0	0
Tue 3 May 2022	4466	28.2	23.9	4.1	9	61	562	2130	1487	201	12	1	3	0	0	0
Wed 4 May 2022	4402	28.3	24.1	4.1	4	46	530	2068	1526	202	22	3	1	0	0	0
5 Day Ave.	4446	28.3	23.9	4.2	11	79	579	2049	1509	198	18	2	2	0	0	0
7 Day Ave.	4250	28.4	24.0	4.2	9	67	535	1935	1467	213	20	2	1	0	0	0

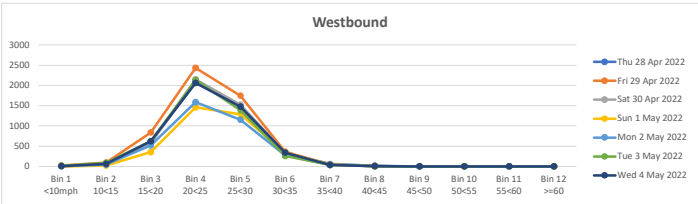
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Direction: Westbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<15	Bin 3 15<20	Bin 4 20<25	Bin 5 25<30	Bin 6 30<35	Bin 7 35<40	Bin 8 40<45	Bin 9 45<50	Bin 10 50<55	Bin 11 55<60	Bin 12 >=60
Thu 28 Apr 2022	4607	28.9	24.3	4.5	7	48	596	2077	1497	314	58	10	0	0	0	0
Fri 29 Apr 2022	5543	28.7	23.9	4.6	19	93	838	2433	1747	362	44	5	2	0	0	0
Sat 30 Apr 2022	4682	28.8	24.3	4.4	7	52	565	2147	1524	331	50	6	0	0	0	0
Sun 1 May 2022	3510	29.5	25.0	4.4	1	20	352	1459	1291	336	46	4	0	1	0	0
Mon 2 May 2022	3629	28.9	24.2	4.6	5	45	520	1589	1154	277	34	3	2	0	0	0
Tue 3 May 2022	4542	28.4	23.8	4.4	15	83	624	2132	1389	261	33	4	1	0	0	0
Wed 4 May 2022	4606	28.9	24.2	4.5	8	59	620	2060	1477	338	35	7	0	0	0	2
5 Day Ave.	4585	28.8	24.1	4.5	11	66	640	2058	1453	310	41	6	1	0	0	0
7 Day Ave.	4446	28.9	24.2	4.5	9	57	588	1985	1440	317	43	6	1	0	0	0

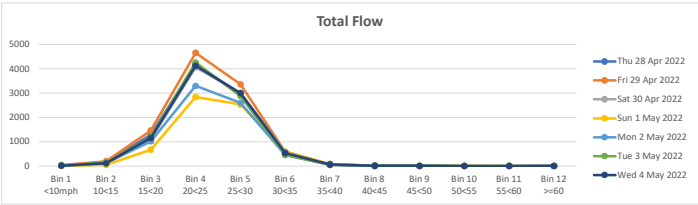
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Direction: Total Flow

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<15	Bin 3 15<20	Bin 4 20<25	Bin 5 25<30	Bin 6 30<35	Bin 7 35<40	Bin 8 40<45	Bin 9 45<50	Bin 10 50<55	Bin 11 55<60	Bin 12 >=60
Thu 28 Apr 2022	9203	28.5	23.9	4.4	23	157	1279	4187	2967	500	75	11	4	0	0	0
Fri 29 Apr 2022	10365	28.4	23.9	4.4	33	191	1466	4660	3363	582	61	7	2	0	0	0
Sat 30 Apr 2022	8943	28.7	24.2	4.3	13	97	1091	4070	3007	582	75	8	0	0	0	0
Sun 1 May 2022	6766	29.3	24.8	4.3	5	49	674	2841	2530	585	74	7	0	1	0	0
Mon 2 May 2022	7573	28.7	24.1	4.5	16	124	1014	3297	2600	457	54	7	4	0	0	0
Tue 3 May 2022	9008	28.3	23.8	4.3	24	144	1186	4262	2876	462	45	5	4	0	0	0
Wed 4 May 2022	9008	28.6	24.1	4.3	12	105	1150	4128	3003	540	57	10	1	0	0	2
5 Day Ave.	9031	28.5	24.0	4.4	22	144	1219	4107	2962	508	58	8	3	0	0	0
7 Day Ave.	8695	28.7	24.1	4.4	18	124	1123	3921	2907	530	63	8	2	0	0	0

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## North Wales ATC 6, A547 Market Street

Direction: Eastbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<15	Bin 3 15<20	Bin 4 20<25	Bin 5 25<30	Bin 6 30<35	Bin 7 35<40	Bin 8 40<45	Bin 9 45<50	Bin 10 50<55	Bin 11 55<60	Bin 12 >=60
Thu 28 Apr 2022	595	27.4	22.8	4.4	4	20	109	278	174	8	1	0	1	0	0	0
Fri 29 Apr 2022	744	27.3	23.2	4.0	2	13	122	374	213	20	0	0	0	0	0	0
Sat 30 Apr 2022	723	27.7	23.7	3.9	0	6	100	354	235	27	1	0	0	0	0	0
Sun 1 May 2022	555	28.6	24.4	4.0	0	4	63	238	214	35	1	0	0	0	0	0
Mon 2 May 2022	612	28.0	23.9	4.0	0	7	85	280	213	26	1	0	0	0	0	0
Tue 3 May 2022	661	27.5	23.1	4.2	1	10	114	341	180	11	1	0	3	0	0	0
Wed 4 May 2022	629	27.3	23.1	4.1	1	16	106	311	179	16	0	0	0	0	0	0
5 Day Ave.	648	27.5	23.2	4.1	2	13	107	317	192	16	1	0	1	0	0	0
7 Day Ave.	646	27.7	23.5	4.1	1	11	100	311	201	20	1	0	1	0	0	0

360 TSL Ltd

Direction: Westbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<15	Bin 3 15<20	Bin 4 20<25	Bin 5 25<30	Bin 6 30<35	Bin 7 35<40	Bin 8 40<45	Bin 9 45<50	Bin 10 50<55	Bin 11 55<60	Bin 12 >=60
Thu 28 Apr 2022	651	27.8	23.7	4.0	0	11	79	333	199	27	2	0	0	0	0	0
Fri 29 Apr 2022	793	27.6	22.9	4.5	6	14	171	351	218	31	2	0	0	0	0	0
Sat 30 Apr 2022	893	27.6	23.5	3.9	0	8	130	472	246	32	5	0	0	0	0	0
Sun 1 May 2022	613	29.0	24.9	3.9	0	1	43	278	245	41	4	0	0	1	0	0
Mon 2 May 2022	681	28.5	24.0	4.3	1	7	109	282	242	36	4	0	0	0	0	0
Tue 3 May 2022	723	27.3	23.0	4.2	2	23	112	379	183	23	1	0	0	0	0	0
Wed 4 May 2022	693	27.3	23.0	4.2	3	11	120	375	152	29	3	0	0	0	0	0
5 Day Ave.	708	27.7	23.3	4.2	2	13	118	344	199	29	2	0	0	0	0	0
7 Day Ave.	721	27.9	23.6	4.1	2	11	109	353	212	31	3	0	0	0	0	0

360 TSL Ltd

Direction: Total Flow

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<15	Bin 3 15<20	Bin 4 20<25	Bin 5 25<30	Bin 6 30<35	Bin 7 35<40	Bin 8 40<45	Bin 9 45<50	Bin 10 50<55	Bin 11 55<60	Bin 12 >=60
Thu 28 Apr 2022	1246	27.6	23.3	4.2	4	31	188	611	373	35	3	0	1	0	0	0
Fri 29 Apr 2022	1537	27.4	23.0	4.2	8	27	293	725	431	51	2	0	0	0	0	0
Sat 30 Apr 2022	1616	27.6	23.6	3.9	0	14	230	826	481	59	6	0	0	0	0	0
Sun 1 May 2022	1168	28.8	24.7	4.0	0	5	106	516	459	76	5	0	0	1	0	0
Mon 2 May 2022	1293	28.3	23.9	4.2	1	14	194	562	455	62	5	0	0	0	0	0
Tue 3 May 2022	1384	27.4	23.0	4.2	3	33	226	720	363	34	2	0	3	0	0	0
Wed 4 May 2022	1322	27.3	23.0	4.1	4	27	226	686	331	45	3	0	0	0	0	0
5 Day Ave.	1356	27.6	23.3	4.2	4	26	225	661	391	45	3	0	1	0	0	0
7 Day Ave.	1367	27.8	23.5	4.1	3	22	209	664	413	52	4	0	1	0	0	0

360 TSL Ltd



## North Wales ATC 6, A547 Market Street

Direction: Eastbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<15	Bin 3 15<20	Bin 4 20<25	Bin 5 25<30	Bin 6 30<35	Bin 7 35<40	Bin 8 40<45	Bin 9 45<50	Bin 10 50<55	Bin 11 55<60	Bin 12 >=60
Thu 28 Apr 2022	787	27.1	22.9	4.1	2	25	133	402	205	20	0	0	0	0	0	0
Fri 29 Apr 2022	813	27.3	23.1	4.0	3	15	142	388	248	17	0	0	0	0	0	0
Sat 30 Apr 2022	741	27.5	23.5	3.9	2	8	100	378	232	19	2	0	0	0	0	0
Sun 1 May 2022	662	28.3	24.0	4.2	2	11	70	326	215	36	1	1	0	0	0	0
Mon 2 May 2022	716	27.8	23.6	4.0	2	13	91	349	244	15	0	1	1	0	0	0
Tue 3 May 2022	670	27.4	23.4	3.8	0	9	99	339	206	15	2	0	0	0	0	0
Wed 4 May 2022	694	27.5	23.8	3.6	1	6	75	362	235	14	1	0	0	0	0	0
5 Day Ave.	736	27.4	23.4	3.9	2	14	108	368	228	16	1	0	0	0	0	0
7 Day Ave.	726	27.6	23.5	4.0	2	12	101	363	226	19	1	0	0	0	0	0

360 TSL Ltd

Direction: Westbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<15	Bin 3 15<20	Bin 4 20<25	Bin 5 25<30	Bin 6 30<35	Bin 7 35<40	Bin 8 40<45	Bin 9 45<50	Bin 10 50<55	Bin 11 55<60	Bin 12 >=60
Thu 28 Apr 2022	729	27.3	23.1	4.1	1	9	144	351	201	19	4	0	0	0	0	0
Fri 29 Apr 2022	832	27.8	23.3	4.3	3	15	148	390	233	41	2	0	0	0	0	0
Sat 30 Apr 2022	722	28.2	23.7	4.3	1	14	89	372	198	44	3	1	0	0	0	0
Sun 1 May 2022	792	28.6	24.3	4.2	1	5	102	352	274	55	3	0	0	0	0	0
Mon 2 May 2022	663	28.1	23.8	4.1	1	8	83	346	177	47	1	0	0	0	0	0
Tue 3 May 2022	716	27.6	23.4	4.1	1	6	121	368	187	27	6	0	0	0	0	0
Wed 4 May 2022	779	27.8	23.5	4.2	1	11	127	371	237	27	5	0	0	0	0	0
5 Day Ave.	744	27.7	23.4	4.2	1	10	125	365	207	32	4	0	0	0	0	0
7 Day Ave.	748	27.9	23.6	4.2	1	10	116	364	215	37	3	0	0	0	0	0

360 TSL Ltd

Direction: Total Flow

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<15	Bin 3 15<20	Bin 4 20<25	Bin 5 25<30	Bin 6 30<35	Bin 7 35<40	Bin 8 40<45	Bin 9 45<50	Bin 10 50<55	Bin 11 55<60	Bin 12 >=60
Thu 28 Apr 2022	1516	27.2	23.0	4.1	3	34	277	753	406	39	4	0	0	0	0	0
Fri 29 Apr 2022	1645	27.6	23.2	4.2	6	30	290	778	481	58	2	0	0	0	0	0
Sat 30 Apr 2022	1463	27.9	23.6	4.1	3	22	189	750	430	63	5	1	0	0	0	0
Sun 1 May 2022	1454	28.5	24.1	4.2	3	16	172	678	489	91	4	1	0	0	0	0
Mon 2 May 2022	1379	27.9	23.7	4.1	3	21	174	695	421	62	1	1	1	0	0	0
Tue 3 May 2022	1386	27.5	23.4	4.0	1	15	220	707	393	42	8	0	0	0	0	0
Wed 4 May 2022	1473	27.7	23.6	3.9	2	17	202	733	472	41	6	0	0	0	0	0
5 Day Ave.	1480	27.6	23.4	4.1	3	23	233	733	435	48	4	0	0	0	0	0
7 Day Ave.	1474	27.7	23.5	4.1	3	22	218	728	442	57	4	0	0	0	0	0

360 TSL Ltd



# North Wales ATC 6, A547 Market Street

Direction: Eastbound

28/04/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	14	12	2	0	0
01:00	4	4	0	0	0
02:00	4	4	0	0	0
03:00	7	5	2	0	0
04:00	6	5	1	0	0
05:00	16	13	3	0	0
06:00	62	49	11	0	2
07:00	199	165	29	0	5
08:00	358	314	36	1	7
09:00	308	259	38	2	9
10:00	268	233	31	0	4
11:00	327	296	24	0	7
12:00	380	340	35	0	5
13:00	365	316	40	1	8
14:00	336	297	33	0	6
15:00	451	407	37	1	6
16:00	402	360	34	0	8
17:00	349	317	25	1	6
18:00	286	254	26	0	6
19:00	195	170	20	1	4
20:00	131	119	8	0	4
21:00	78	71	4	1	2
22:00	34	31	1	0	2
23:00	16	14	0	0	2
Total					
12H(7-19)	4029	3558	388	6	77
16H(6-22)	4495	3967	431	8	89
18H(6-24)	4545	4012	432	8	93
24H(0-24)	4596	4055	440	8	93
AM Peak	08:00	08:00	09:00	09:00	09:00
	358	314	38	2	9
PM Peak	15:00	15:00	13:00	13:00	13:00
	451	407	40	1	8

360 TSL Ltd

Direction: Westbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	34	31	3	0	0
01:00	9	5	4	0	0
02:00	2	2	0	0	0
03:00	2	2	0	0	0
04:00	4	2	2	0	0
05:00	13	9	2	0	2
06:00	46	34	7	0	5
07:00	133	106	22	0	5
08:00	280	239	33	1	7
09:00	300	253	38	0	9
10:00	312	269	34	0	9
11:00	339	300	34	0	5
12:00	376	339	32	0	5
13:00	311	283	23	0	5
14:00	319	282	31	1	5
15:00	410	364	39	1	6
16:00	439	389	46	0	4
17:00	414	366	39	0	9
18:00	311	288	21	0	2
19:00	237	210	23	1	3
20:00	141	132	7	0	2
21:00	98	89	6	0	3
22:00	56	47	7	0	2
23:00	21	19	1	0	1
Total					
12H(7-19)	3944	3478	392	3	71
16H(6-22)	4466	3943	435	4	84
18H(6-24)	4543	4009	443	4	87
24H(0-24)	4607	4060	454	4	89
AM Peak	11:00	11:00	09:00	08:00	09:00
	339	300	38	1	9
PM Peak	16:00	16:00	16:00	14:00	17:00
	439	389	46	1	9

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	48	43	5	0	0
01:00	13	9	4	0	0
02:00	6	6	0	0	0
03:00	9	7	2	0	0
04:00	10	7	3	0	0
05:00	29	22	5	0	2
06:00	108	83	18	0	7
07:00	332	271	51	0	10
08:00	638	553	69	2	14
09:00	608	512	76	2	18
10:00	580	502	65	0	13
11:00	666	596	58	0	12
12:00	756	679	67	0	10
13:00	676	599	63	1	13
14:00	655	579	64	1	11
15:00	861	771	76	2	12
16:00	841	749	80	0	12
17:00	763	683	64	1	15
18:00	597	542	47	0	8
19:00	432	380	43	2	7
20:00	272	251	15	0	6
21:00	176	160	10	1	5
22:00	90	78	8	0	4
23:00	37	33	1	0	3
Total					
12H(7-19)	7973	7036	780	9	148
16H(6-22)	8961	7910	866	12	173
18H(6-24)	9088	8021	875	12	180
24H(0-24)	9203	8115	894	12	182
AM Peak	11:00	11:00	09:00	08:00	09:00
	666	596	76	2	18
PM Peak	15:00	15:00	16:00	15:00	17:00
	861	771	80	2	15

360 TSL Ltd



## North Wales ATC 6, A547 Market Street

Direction: Eastbound

29/04/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	7	7	0	0	0
01:00	1	1	0	0	0
02:00	1	1	0	0	0
03:00	3	2	1	0	0
04:00	6	6	0	0	0
05:00	21	15	6	0	0
06:00	53	42	9	0	2
07:00	184	149	31	0	4
08:00	337	298	32	1	6
09:00	281	255	21	0	5
10:00	389	342	39	2	6
11:00	355	313	34	1	7
12:00	398	359	33	0	6
13:00	358	315	37	0	6
14:00	404	364	31	0	9
15:00	409	373	29	2	5
16:00	430	387	37	0	6
17:00	386	355	28	0	3
18:00	283	256	22	0	5
19:00	190	172	13	0	5
20:00	147	135	9	0	3
21:00	99	89	8	0	2
22:00	54	48	4	0	2
23:00	26	21	3	0	2
Total					
12H(7-19)	4214	3766	374	6	68
16H(6-22)	4703	4204	413	6	80
18H(6-24)	4783	4273	420	6	84
24H(0-24)	4822	4305	427	6	84
AM Peak	10:00 389	10:00 342	10:00 39	10:00 2	11:00 7
PM Peak	16:00 430	16:00 387	13:00 37	15:00 2	14:00 9

360 TSL Ltd

Direction: Westbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	6	6	0	0	0
01:00	4	4	0	0	0
02:00	1	1	0	0	0
03:00	1	1	0	0	0
04:00	2	1	1	0	0
05:00	11	7	2	0	2
06:00	36	24	8	0	4
07:00	137	109	25	0	3
08:00	297	256	37	0	4
09:00	337	291	39	0	7
10:00	384	332	46	0	6
11:00	409	373	28	0	8
12:00	479	443	30	1	5
13:00	366	325	36	0	5
14:00	382	338	36	4	4
15:00	450	409	37	0	4
16:00	627	569	51	0	7
17:00	594	542	45	3	4
18:00	353	325	23	0	5
19:00	241	221	17	0	3
20:00	196	179	15	0	2
21:00	133	121	8	0	4
22:00	71	66	3	0	2
23:00	26	24	1	0	1
Total					
12H(7-19)	4815	4312	433	8	62
16H(6-22)	5421	4857	481	8	75
18H(6-24)	5518	4947	485	8	78
24H(0-24)	5543	4967	488	8	80
AM Peak	11:00 409	11:00 373	10:00 46	00:00 0	11:00 8
PM Peak	16:00 627	16:00 569	16:00 51	14:00 4	16:00 7

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	13	13	0	0	0
01:00	5	5	0	0	0
02:00	2	2	0	0	0
03:00	4	3	1	0	0
04:00	8	7	1	0	0
05:00	32	22	8	0	2
06:00	89	66	17	0	6
07:00	321	258	56	0	7
08:00	634	554	69	1	10
09:00	618	546	60	0	12
10:00	773	674	85	2	12
11:00	764	686	62	1	15
12:00	877	802	63	1	11
13:00	724	640	73	0	11
14:00	786	702	67	4	13
15:00	859	782	66	2	9
16:00	1057	956	88	0	13
17:00	980	897	73	3	7
18:00	636	581	45	0	10
19:00	431	393	30	0	8
20:00	343	314	24	0	5
21:00	232	210	16	0	6
22:00	125	114	7	0	4
23:00	52	45	4	0	3
Total					
12H(7-19)	9029	8078	807	14	130
16H(6-22)	10124	9061	894	14	155
18H(6-24)	10301	9220	905	14	162
24H(0-24)	10365	9272	915	14	164
AM Peak	10:00 773	11:00 686	10:00 85	10:00 2	11:00 15
PM Peak	16:00 1057	16:00 956	16:00 88	14:00 4	14:00 13

360 TSL Ltd



## North Wales ATC 6, A547 Market Street

Direction: Eastbound

30/04/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	15	15	0	0	0
01:00	8	7	1	0	0
02:00	4	2	2	0	0
03:00	4	4	0	0	0
04:00	8	8	0	0	0
05:00	16	13	3	0	0
06:00	28	22	4	0	2
07:00	111	97	10	0	4
08:00	177	154	18	1	4
09:00	314	282	27	0	5
10:00	351	325	22	0	4
11:00	372	339	28	0	5
12:00	348	321	24	0	3
13:00	367	333	27	1	6
14:00	360	336	18	0	6
15:00	381	348	27	2	4
16:00	325	297	24	0	4
17:00	334	292	37	0	5
18:00	242	226	12	0	4
19:00	190	168	15	2	5
20:00	133	115	15	0	3
21:00	95	87	6	0	2
22:00	47	44	1	0	2
23:00	31	27	2	0	2
Total					
12H(7-19)	3682	3350	274	4	54
16H(6-22)	4128	3742	314	6	66
18H(6-24)	4206	3813	317	6	70
24H(0-24)	4261	3862	323	6	70
AM Peak	11:00 372	11:00 339	11:00 28	08:00 1	09:00 5
PM Peak	15:00 381	15:00 348	17:00 37	15:00 2	13:00 6

360 TSL Ltd

Direction: Westbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	15	14	0	1	0
01:00	10	10	0	0	0
02:00	2	2	0	0	0
03:00	2	2	0	0	0
04:00	3	1	2	0	0
05:00	10	9	0	0	1
06:00	21	17	0	0	4
07:00	75	57	12	0	6
08:00	203	181	17	0	5
09:00	332	296	31	0	5
10:00	424	393	26	0	5
11:00	469	436	26	1	6
12:00	452	415	28	2	7
13:00	401	366	28	4	3
14:00	373	352	15	1	5
15:00	349	321	23	0	5
16:00	370	328	36	1	5
17:00	341	308	27	1	5
18:00	269	247	18	0	4
19:00	231	218	11	0	2
20:00	144	131	11	0	2
21:00	101	94	4	0	3
22:00	56	54	2	0	0
23:00	29	25	2	0	2
Total					
12H(7-19)	4058	3700	287	10	61
16H(6-22)	4555	4160	313	10	72
18H(6-24)	4640	4239	317	10	74
24H(0-24)	4682	4277	319	11	75
AM Peak	11:00 469	11:00 436	09:00 31	00:00 1	07:00 6
PM Peak	12:00 452	12:00 415	16:00 36	13:00 4	12:00 7

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	30	29	0	1	0
01:00	18	17	1	0	0
02:00	6	4	2	0	0
03:00	6	6	0	0	0
04:00	11	9	2	0	0
05:00	26	22	3	0	1
06:00	49	39	4	0	6
07:00	186	154	22	0	10
08:00	380	335	35	1	9
09:00	646	578	58	0	10
10:00	775	718	48	0	9
11:00	841	775	54	1	11
12:00	800	736	52	2	10
13:00	768	699	55	5	9
14:00	733	688	33	1	11
15:00	730	669	50	2	9
16:00	695	625	60	1	9
17:00	675	600	64	1	10
18:00	511	473	30	0	8
19:00	421	386	26	2	7
20:00	277	246	26	0	5
21:00	196	181	10	0	5
22:00	103	98	3	0	2
23:00	60	52	4	0	4
Total					
12H(7-19)	7740	7050	561	14	115
16H(6-22)	8683	7902	627	16	138
18H(6-24)	8846	8052	634	16	144
24H(0-24)	8943	8139	642	17	145
AM Peak	11:00 841	11:00 775	09:00 58	00:00 1	11:00 11
PM Peak	12:00 800	12:00 736	17:00 64	13:00 5	14:00 11

360 TSL Ltd



## North Wales ATC 6, A547 Market Street

Direction: Eastbound

01/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	18	15	3	0	0
01:00	16	15	1	0	0
02:00	9	9	0	0	0
03:00	5	5	0	0	0
04:00	7	7	0	0	0
05:00	12	10	2	0	0
06:00	13	12	1	0	0
07:00	35	33	2	0	0
08:00	71	60	11	0	0
09:00	170	157	13	0	0
10:00	255	227	24	1	3
11:00	300	271	24	0	5
12:00	324	297	25	0	2
13:00	328	299	26	0	3
14:00	342	317	21	0	4
15:00	320	293	24	0	3
16:00	255	231	20	0	4
17:00	214	192	18	0	4
18:00	181	167	12	0	2
19:00	164	148	11	0	5
20:00	93	85	7	0	1
21:00	63	58	3	0	2
22:00	41	38	2	0	1
23:00	20	17	1	0	2
<b>Total</b>					
12H(7-19)	2795	2544	220	1	30
16H(6-22)	3128	2847	242	1	38
18H(6-24)	3189	2902	245	1	41
24H(0-24)	3256	2963	251	1	41
<b>AM Peak</b>	11:00 300	11:00 271	10:00 24	10:00 1	11:00 5
<b>PM Peak</b>	14:00 342	14:00 317	13:00 26	12:00 0	19:00 5

360 TSL Ltd

Direction: Westbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	20	17	3	0	0
01:00	19	19	0	0	0
02:00	9	7	2	0	0
03:00	6	6	0	0	0
04:00	5	4	1	0	0
05:00	1	1	0	0	0
06:00	12	8	3	0	1
07:00	54	49	5	0	0
08:00	96	82	12	0	2
09:00	123	107	15	0	1
10:00	294	265	27	0	2
11:00	319	295	22	0	2
12:00	394	363	27	0	4
13:00	366	342	21	0	3
14:00	405	374	27	0	4
15:00	387	356	27	0	4
16:00	264	239	18	2	5
17:00	199	189	8	0	2
18:00	156	150	6	0	0
19:00	136	125	7	0	4
20:00	106	100	6	0	0
21:00	70	62	6	0	2
22:00	45	44	1	0	0
23:00	24	22	1	0	1
<b>Total</b>					
12H(7-19)	3057	2811	215	2	29
16H(6-22)	3381	3106	237	2	36
18H(6-24)	3450	3172	239	2	37
24H(0-24)	3510	3226	245	2	37
<b>AM Peak</b>	11:00 319	11:00 295	10:00 27	00:00 0	08:00 2
<b>PM Peak</b>	14:00 405	14:00 374	12:00 27	16:00 2	16:00 5

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	38	32	6	0	0
01:00	35	34	1	0	0
02:00	18	16	2	0	0
03:00	11	11	0	0	0
04:00	12	11	1	0	0
05:00	13	11	2	0	0
06:00	25	20	4	0	1
07:00	89	82	7	0	0
08:00	167	142	23	0	2
09:00	293	264	28	0	1
10:00	549	492	51	1	5
11:00	619	566	46	0	7
12:00	718	660	52	0	6
13:00	694	641	47	0	6
14:00	747	691	48	0	8
15:00	707	649	51	0	7
16:00	519	470	38	2	9
17:00	413	381	26	0	6
18:00	337	317	18	0	2
19:00	300	273	18	0	9
20:00	199	185	13	0	1
21:00	133	120	9	0	4
22:00	86	82	3	0	1
23:00	44	39	2	0	3
<b>Total</b>					
12H(7-19)	5852	5355	435	3	59
16H(6-22)	6509	5953	479	3	74
18H(6-24)	6639	6074	484	3	78
24H(0-24)	6766	6189	496	3	78
<b>AM Peak</b>	11:00 619	11:00 566	10:00 51	10:00 1	11:00 7
<b>PM Peak</b>	14:00 747	14:00 691	12:00 52	16:00 2	16:00 9

360 TSL Ltd



## North Wales ATC 6, A547 Market Street

Direction: Eastbound

02/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	8	8	0	0	0
01:00	4	3	1	0	0
02:00	6	5	0	0	1
03:00	3	3	0	0	0
04:00	5	4	1	0	0
05:00	15	14	1	0	0
06:00	22	18	4	0	0
07:00	52	45	7	0	0
08:00	106	91	14	1	0
09:00	202	186	15	1	0
10:00	279	250	25	0	4
11:00	333	296	33	0	4
12:00	358	328	25	2	3
13:00	355	325	25	0	5
14:00	339	318	17	0	4
15:00	377	353	20	0	4
16:00	433	403	27	1	2
17:00	464	421	37	2	4
18:00	227	205	12	0	10
19:00	156	149	4	1	2
20:00	106	91	13	0	2
21:00	50	42	6	0	2
22:00	26	23	2	0	1
23:00	18	14	2	0	2
Total					
12H(7-19)	3525	3221	257	7	40
16H(6-22)	3859	3521	284	8	46
18H(6-24)	3903	3558	288	8	49
24H(0-24)	3944	3595	291	8	50
AM Peak	11:00	11:00	11:00	08:00	10:00
	333	296	33	1	4
PM Peak	17:00	17:00	17:00	12:00	18:00
	464	421	37	2	10

360 TSL Ltd

Direction: Westbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	14	14	0	0	0
01:00	7	6	0	0	1
02:00	4	3	1	0	0
03:00	2	2	0	0	0
04:00	2	1	1	0	0
05:00	9	8	0	0	1
06:00	19	13	5	0	1
07:00	50	45	5	0	0
08:00	96	87	7	0	2
09:00	166	148	16	0	2
10:00	292	274	18	0	0
11:00	389	348	37	0	4
12:00	386	356	27	0	3
13:00	361	337	20	0	4
14:00	328	311	16	0	1
15:00	335	313	18	0	4
16:00	286	264	20	0	2
17:00	332	306	21	3	2
18:00	218	203	13	0	2
19:00	124	112	9	0	3
20:00	81	73	6	0	2
21:00	71	64	5	0	2
22:00	36	35	0	0	1
23:00	21	19	1	0	1
Total					
12H(7-19)	3239	2992	218	3	26
16H(6-22)	3534	3254	243	3	34
18H(6-24)	3591	3308	244	3	36
24H(0-24)	3629	3342	246	3	38
AM Peak	11:00	11:00	11:00	00:00	11:00
	389	348	37	0	4
PM Peak	12:00	12:00	12:00	17:00	13:00
	386	356	27	3	4

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	22	22	0	0	0
01:00	11	9	1	0	1
02:00	10	8	1	0	1
03:00	5	5	0	0	0
04:00	7	5	2	0	0
05:00	24	22	1	0	1
06:00	41	31	9	0	1
07:00	102	90	12	0	0
08:00	202	178	21	1	2
09:00	368	334	31	1	2
10:00	571	524	43	0	4
11:00	722	644	70	0	8
12:00	744	684	52	2	6
13:00	716	662	45	0	9
14:00	667	629	33	0	5
15:00	712	666	38	0	8
16:00	719	667	47	1	4
17:00	796	727	58	5	6
18:00	445	408	25	0	12
19:00	280	261	13	1	5
20:00	187	164	19	0	4
21:00	121	106	11	0	4
22:00	62	58	2	0	2
23:00	39	33	3	0	3
Total					
12H(7-19)	6764	6213	475	10	66
16H(6-22)	7393	6775	527	11	80
18H(6-24)	7494	6866	532	11	85
24H(0-24)	7573	6937	537	11	88
AM Peak	11:00	11:00	11:00	08:00	11:00
	722	644	70	1	8
PM Peak	17:00	17:00	17:00	17:00	18:00
	796	727	58	5	12

360 TSL Ltd



## North Wales ATC 6, A547 Market Street

Direction: Eastbound

03/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	2	2	0	0	0
01:00	3	3	0	0	0
02:00	4	3	1	0	0
03:00	1	1	0	0	0
04:00	8	8	0	0	0
05:00	25	20	5	0	0
06:00	60	48	9	0	3
07:00	207	168	35	0	4
08:00	362	327	29	0	6
09:00	314	280	25	0	9
10:00	336	285	45	0	6
11:00	325	293	27	1	4
12:00	324	284	33	1	6
13:00	312	280	27	0	5
14:00	326	275	42	0	9
15:00	344	299	37	1	7
16:00	390	342	39	1	8
17:00	388	357	24	2	5
18:00	278	256	18	0	4
19:00	199	177	18	0	4
20:00	115	104	8	0	3
21:00	87	81	5	0	1
22:00	40	36	2	0	2
23:00	16	13	1	0	2
<b>Total</b>					
12H(7-19)	3906	3446	381	6	73
16H(6-22)	4367	3856	421	6	84
18H(6-24)	4423	3905	424	6	88
24H(0-24)	4466	3942	430	6	88
<b>AM Peak</b>	08:00 <b>362</b>	08:00 <b>327</b>	10:00 <b>45</b>	11:00 <b>1</b>	09:00 <b>9</b>
<b>PM Peak</b>	16:00 <b>390</b>	17:00 <b>357</b>	14:00 <b>42</b>	17:00 <b>2</b>	14:00 <b>9</b>

360 TSL Ltd

Direction: Westbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	9	8	1	0	0
01:00	2	2	0	0	0
02:00	1	1	0	0	0
03:00	0	0	0	0	0
04:00	2	1	1	0	0
05:00	12	9	2	0	1
06:00	43	38	3	0	2
07:00	161	137	19	0	5
08:00	288	249	34	1	4
09:00	309	275	31	0	3
10:00	340	299	36	2	3
11:00	383	332	46	0	5
12:00	356	319	33	0	4
13:00	318	283	30	1	4
14:00	337	282	44	2	9
15:00	379	332	41	1	5
16:00	373	341	28	1	3
17:00	409	373	30	0	6
18:00	297	266	28	1	2
19:00	218	200	15	0	3
20:00	136	124	10	0	2
21:00	113	106	5	0	2
22:00	41	35	4	0	2
23:00	15	14	0	0	1
<b>Total</b>					
12H(7-19)	3950	3488	400	9	53
16H(6-22)	4460	3956	433	9	62
18H(6-24)	4516	4005	437	9	65
24H(0-24)	4542	4026	441	9	66
<b>AM Peak</b>	11:00 <b>383</b>	11:00 <b>332</b>	11:00 <b>46</b>	10:00 <b>2</b>	07:00 <b>5</b>
<b>PM Peak</b>	17:00 <b>409</b>	17:00 <b>373</b>	14:00 <b>44</b>	14:00 <b>2</b>	14:00 <b>9</b>

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	11	10	1	0	0
01:00	5	5	0	0	0
02:00	5	4	1	0	0
03:00	1	1	0	0	0
04:00	10	9	1	0	0
05:00	37	29	7	0	1
06:00	103	86	12	0	5
07:00	368	305	54	0	9
08:00	650	576	63	1	10
09:00	623	555	56	0	12
10:00	676	584	81	2	9
11:00	708	625	73	1	9
12:00	680	603	66	1	10
13:00	630	563	57	1	9
14:00	663	557	86	2	18
15:00	723	631	78	2	12
16:00	763	683	67	2	11
17:00	797	730	54	2	11
18:00	575	522	46	1	6
19:00	417	377	33	0	7
20:00	251	228	18	0	5
21:00	200	187	10	0	3
22:00	81	71	6	0	4
23:00	31	27	1	0	3
<b>Total</b>					
12H(7-19)	7856	6934	781	15	126
16H(6-22)	8827	7812	854	15	146
18H(6-24)	8939	7910	861	15	153
24H(0-24)	9008	7968	871	15	154
<b>AM Peak</b>	11:00 <b>708</b>	11:00 <b>625</b>	10:00 <b>81</b>	10:00 <b>2</b>	09:00 <b>12</b>
<b>PM Peak</b>	17:00 <b>797</b>	17:00 <b>730</b>	14:00 <b>86</b>	14:00 <b>2</b>	14:00 <b>18</b>

360 TSL Ltd



# North Wales ATC 6, A547 Market Street

Direction: Eastbound

04/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	7	5	2	0	0
01:00	3	3	0	0	0
02:00	1	1	0	0	0
03:00	5	3	2	0	0
04:00	5	5	0	0	0
05:00	29	20	9	0	0
06:00	47	39	6	0	2
07:00	199	166	30	0	3
08:00	356	310	39	0	7
09:00	311	272	31	0	8
10:00	319	284	29	0	6
11:00	310	275	31	0	4
12:00	325	292	29	0	4
13:00	321	295	23	0	3
14:00	316	268	38	1	9
15:00	378	338	34	0	6
16:00	421	387	30	0	4
17:00	365	336	25	0	4
18:00	241	228	9	0	4
19:00	184	167	11	1	5
20:00	138	120	15	0	3
21:00	66	59	5	0	2
22:00	38	35	2	0	1
23:00	17	15	0	0	2
Total					
12H(7-19)	3862	3451	348	1	62
16H(6-22)	4297	3836	385	2	74
18H(6-24)	4352	3886	387	2	77
24H(0-24)	4402	3923	400	2	77
AM Peak	08:00 356	08:00 310	08:00 39	00:00 0	09:00 8
PM Peak	16:00 421	16:00 387	14:00 38	14:00 1	14:00 9

360 TSL Ltd

Direction: Westbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	8	7	1	0	0
01:00	2	2	0	0	0
02:00	0	0	0	0	0
03:00	2	0	2	0	0
04:00	4	2	2	0	0
05:00	11	9	0	0	2
06:00	41	32	5	0	4
07:00	151	126	20	0	5
08:00	285	254	27	0	4
09:00	314	283	26	0	5
10:00	318	279	36	0	3
11:00	375	333	38	0	4
12:00	358	310	43	0	5
13:00	337	291	40	0	6
14:00	366	318	43	1	4
15:00	413	363	44	1	5
16:00	399	352	39	1	7
17:00	458	423	29	0	6
18:00	282	259	20	0	3
19:00	204	188	14	0	2
20:00	131	119	8	1	3
21:00	79	68	10	0	1
22:00	54	48	4	0	2
23:00	14	13	1	0	0
Total					
12H(7-19)	4056	3591	405	3	57
16H(6-22)	4511	3998	442	4	67
18H(6-24)	4579	4059	447	4	69
24H(0-24)	4606	4079	452	4	71
AM Peak	11:00 375	11:00 333	11:00 38	00:00 0	07:00 5
PM Peak	17:00 458	17:00 423	15:00 44	14:00 1	16:00 7

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	15	12	3	0	0
01:00	5	5	0	0	0
02:00	1	1	0	0	0
03:00	7	3	4	0	0
04:00	9	7	2	0	0
05:00	40	29	9	0	2
06:00	88	71	11	0	6
07:00	350	292	50	0	8
08:00	641	564	66	0	11
09:00	625	555	57	0	13
10:00	637	563	65	0	9
11:00	685	608	69	0	8
12:00	683	602	72	0	9
13:00	658	586	63	0	9
14:00	682	586	81	2	13
15:00	791	701	78	1	11
16:00	820	739	69	1	11
17:00	823	759	54	0	10
18:00	523	487	29	0	7
19:00	388	355	25	1	7
20:00	269	239	23	1	6
21:00	145	127	15	0	3
22:00	92	83	6	0	3
23:00	31	28	1	0	2
Total					
12H(7-19)	7918	7042	753	4	119
16H(6-22)	8808	7834	827	6	141
18H(6-24)	8931	7945	834	6	146
24H(0-24)	9008	8002	852	6	148
AM Peak	11:00 685	11:00 608	11:00 69	00:00 0	09:00 13
PM Peak	17:00 823	17:00 759	14:00 81	14:00 2	14:00 13

360 TSL Ltd



North Wales ATC 6, A547 Market Street

Direction: Eastbound

28/04/2022																
Hour Beginning	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-15	Bin 3 15-20	Bin 4 20-25	Bin 5 25-30	Bin 6 30-35	Bin 7 35-40	Bin 8 40-45	Bin 9 45-50	Bin 10 50-55	Bin 11 55-60	Bin 12 >60
00:00	14	33.1	27.1	5.7	0	0	0	1	4	1	2	0	0	0	0	0
01:00	4	28.0	25.0	2.9	0	0	0	2	2	0	0	0	0	0	0	0
02:00	4	33.0	30.0	2.9	0	0	0	0	2	2	0	0	0	0	0	0
03:00	7	30.5	27.5	2.9	0	0	0	1	5	1	0	0	0	0	0	0
04:00	6	34.3	25.8	8.2	0	1	0	2	0	3	0	0	0	0	0	0
05:00	16	33.6	27.8	5.6	0	0	0	7	3	4	2	0	0	0	0	0
06:00	62	31.0	26.3	4.6	0	0	5	20	22	15	0	0	0	0	0	0
07:00	109	29.9	24.6	4.6	0	5	25	70	83	14	2	0	0	0	0	0
08:00	158	28.3	23.8	4.3	2	9	41	161	130	14	1	0	0	0	0	0
09:00	308	27.8	23.0	4.6	0	9	63	137	90	7	0	0	0	0	0	0
10:00	268	27.2	22.9	4.2	2	2	53	135	71	4	0	0	0	0	0	0
11:00	327	27.5	22.7	4.6	2	18	56	141	103	4	1	0	0	0	0	0
12:00	380	27.0	22.9	3.9	0	7	72	192	100	8	0	0	0	0	0	0
13:00	305	27.1	22.8	4.1	2	9	65	185	95	9	0	0	0	0	0	0
14:00	336	27.2	22.7	4.4	3	14	62	156	95	7	0	0	0	0	0	0
15:00	451	27.0	23.0	3.9	0	11	71	246	130	13	0	0	0	0	0	0
16:00	502	27.8	23.9	4.4	3	14	62	182	129	11	1	0	0	0	0	0
17:00	349	27.9	24.0	3.8	0	4	41	164	129	11	0	0	0	0	0	0
18:00	286	28.4	24.2	4.1	2	3	31	123	116	11	0	0	0	0	0	0
19:00	355	29.0	24.4	4.4	0	2	19	98	59	13	1	0	0	0	0	0
20:00	131	30.8	26.3	4.4	0	0	6	43	65	13	0	0	0	0	0	0
21:00	78	30.8	25.7	4.9	1	1	6	22	35	13	0	0	0	0	0	0
22:00	34	30.2	25.6	4.4	0	0	3	12	15	3	1	0	0	0	0	0
23:00	16	32.7	27.2	5.3	0	0	1	5	5	4	1	0	0	0	0	0
Total	595	27.4	22.8	4.4	4	20	109	278	174	8	1	0	1	0	0	0
2014-16	787	27.1	22.9	4.1	2	25	133	402	205	20	0	0	0	0	0	0
12H7-10	4039	27.7	23.1	4.3	15	105	642	1898	1251	134	5	0	3	0	0	0
24H0-24	4596	28.1	23.6	4.4	16	109	683	2130	1470	166	17	1	4	0	0	0
AM Peak	08:00	04:00	02:00	04:00	08:00	11:00	09:00	08:00	08:00	06:00	00:00	00:00	09:00	00:00	00:00	00:00
	168	34.3	30.0	8.2	2	18	63	161	130	15	2	0	2	0	0	0
PM Peak	15:00	23:00	23:00	23:00	16:00	14:00	12:00	15:00	16:00	15:00	19:00	19:00	20:00	12:00	12:00	12:00
	451	32.7	27.2	5.3	3	14	72	286	129	13	3	1	1	0	0	0

360 TSL Ltd

Direction: Westbound

28/04/2022																
Hour Beginning	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-15	Bin 3 15-20	Bin 4 20-25	Bin 5 25-30	Bin 6 30-35	Bin 7 35-40	Bin 8 40-45	Bin 9 45-50	Bin 10 50-55	Bin 11 55-60	Bin 12 >60
00:00	34	35.3	30.0	5.1	0	0	1	5	9	14	5	0	0	0	0	0
01:00	9	40.3	32.5	7.5	0	0	0	1	0	1	2	3	1	0	0	0
02:00	2	33.7	30.0	3.5	0	0	0	0	0	1	1	0	0	0	0	0
03:00	2	27.5	25.0	0.0	0	0	0	0	0	2	0	0	0	0	0	0
04:00	4	40.1	31.3	8.5	0	0	0	1	1	1	0	1	0	0	0	0
05:00	13	33.4	28.3	4.9	0	0	0	4	4	4	1	0	0	0	0	0
06:00	46	31.3	27.1	6.1	0	0	0	15	22	7	2	0	0	0	0	0
07:00	133	30.9	26.0	4.7	0	1	6	53	49	20	3	1	0	0	0	0
08:00	280	29.3	24.5	4.6	2	3	33	112	103	25	1	0	0	0	0	0
09:00	300	28.8	24.4	4.2	1	2	34	133	109	18	3	0	0	0	0	0
10:00	337	31.2	27.7	3.9	0	6	39	153	105	9	0	0	0	0	0	0
11:00	339	28.0	23.8	4.1	0	5	40	180	94	18	2	0	0	0	0	0
12:00	376	27.2	23.1	3.9	1	3	66	196	98	12	0	0	0	0	0	0
13:00	311	27.8	23.6	4.1	0	2	45	168	77	16	1	0	0	0	0	0
14:00	319	27.7	23.4	4.1	2	2	58	148	99	9	2	0	0	0	0	0
15:00	430	27.1	22.8	4.3	0	7	86	203	102	10	2	0	0	0	0	0
16:00	439	28.1	23.5	4.4	2	12	59	214	131	16	5	0	0	0	0	0
17:00	311	28.9	24.6	4.1	0	1	46	179	151	31	2	0	0	0	0	0
18:00	311	28.5	24.9	4.4	0	1	33	132	114	25	5	1	0	0	0	0
19:00	237	30.5	25.5	4.8	0	2	20	93	91	23	5	3	0	0	0	0
20:00	141	29.9	25.0	4.7	0	0	21	56	52	15	0	0	0	0	0	0
21:00	98	32.3	27.0	5.1	0	1	6	25	42	19	4	1	0	0	0	0
22:00	16	33.4	28.4	4.9	0	0	0	2	9	18	12	4	1	0	0	0
23:00	21	35.5	29.4	5.4	0	0	0	4	8	5	2	1	0	0	0	0
Total	651	27.8	23.7	4.0	0	11	79	333	199	27	2	0	0	0	0	0
2014-16	729	27.3	23.1	4.1	1	9	144	351	201	19	4	0	0	0	0	0
12H7-10	3944	28.3	23.9	4.3	7	45	545	1871	1234	211	29	2	0	0	0	0
24H0-24	4607	28.9	24.3	4.5	7	48	596	2077	1487	314	58	30	0	0	0	0
AM Peak	11:00	01:00	01:00	04:00	08:00	10:00	11:00	11:00	09:00	08:00	00:00	01:00	00:00	00:00	00:00	00:00
	139	40.3	32.5	8.5	2	6	40	189	109	23	5	1	0	0	0	0
PM Peak	15:00	23:00	23:00	23:00	16:00	16:00	15:00	16:00	17:00	17:00	16:00	19:00	12:00	12:00	12:00	12:00
	439	35.0	29.4	5.4	2	12	85	324	153	33	5	3	0	0	0	0

360 TSL Ltd

Direction: Total Flow

28/04/2022																
Hour Beginning	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-15	Bin 3 15-20	Bin 4 20-25	Bin 5 25-30	Bin 6 30-35	Bin 7 35-40	Bin 8 40-45	Bin 9 45-50	Bin 10 50-55	Bin 11 55-60	Bin 12 >60
00:00	48	34.8	29.2	5.4	0	0	2	9	15	15	7	0	0	0	0	0
01:00	13	37.7	30.2	7.3	0	0	1	2	4	2	3	1	0	0	0	0
02:00	6	32.8	30.0	2.7	0	0	0	0	0	3	0	0	0	0	0	0
03:00	9	30.1	27.5	2.5	0	0	0	1	7	1	0	0	0	0	0	0
04:00	10	36.4	28.0	8.3	0	1	0	3	0	1	0	1	0	0	0	0
05:00	29	33.4	28.0	5.2	0	0	0	11	7	8	3	0	0	0	0	0
06:00	108	31.8	26.6	4.4	0	0	5	35	44	22	2	0	0	0	0	0
07:00	332	30.0	25.2	4.7	0	6	31	123	132	34	5	1	0	0	0	0
08:00	638	28.8	24.1	4.4	4	12	74	273	233	39	3	0	0	0	0	0
09:00	698	28.4	23.7	4.5	1	11	97	270	199	25	3	0	0	0	0	0
10:00	580	27.5	23.3	4.0	2	8	92	288	176	13	0	0	1	0	0	0
11:00	666	27.8	23.3	4.3	2	29	96	323	197	22	0	0	0	0	0	0
12:00	756	27.1	23.0	3.9	1	10	138	388	198	21	0	0	0	0	0	0
13:00	676	27.5	23.2	4.1	2	15	110	353	172	20	3	0	0	0	0	0
14:00	655	27.5	23.0	4.3	3	16	120	364	194	16	2	0	0	0	0	0
15:00	861	27.0	22.9	4.0	0	18	157	449	212	23	2	0	0	0	0	0
16:00	841	28.0	23.4	4.4	5	26	121	396	260	27	6	0	0	0	0	0
17:00	763	28.4	24.3	4.0	0	5	87	343	282	44	2	0	0	0	0	0
18:00	597	29.5	24.5	4.3	2	4	64	255	230	36	1	0	0	0	0	0
19:00	432	29.8	25.0	4.7	0	4	39	191	150	36	8	4	0	0	0	0
20:00	272	30.4	25.6	4.6	0	0	27	93	117	28	6	0	1	0	0	0
21:00	176	31.6	26.4	5.0	1	2	12	47	77	32	4	1	0	0	0	0
22:00	90	32.4	27.3	4.9	0	0	5	21	43	15	5	1	0	0	0	0
23:00	37	34.0	28.4	5.4	0	0	0	9	14	9	3	1	0	0	0	0
Total																
20201210-12	1246	27.6	23.3	4.2	1	31	188	611	373	35	0	0	1	0	0	0
202014-16	2164	27.2	23.0	4.1	3	34	277	733	408	39	4	0	0	0	0	0
202017-19	2483	28.7	23.6	4.3	2	22	150	1187	578	35	34	0	0	0	0	0
202020-24	9303	28.5	23.9	4.4	21	257	1275	4187	2667	50	75	11	4	0	0	0
202025-26																
00:00	1150	61.00	61.00	0.00	08:00	1150	61.00	61.00	0.00	08:00	08:00	08:00	08:00	08:00	08:00	08:00
01:00	83	62.8	62.8	0.0	16:00	16:00	65.00	65.00	17:00	17:00	17:00	17:00	17:00	17:00	17:00	17:00
End Page																
1881	1881	23.00	23.00	22.00	18:00	18:00	18:00	18:00	18:00	18:00	18:00	18:00	18:00	18:00	18:00	18:00
1882	1882	28.4	28.4	28.4	19:00	19:00	19:00	19:00	19:00	19:00	19:00	19:00	19:00	19:00	19:00	19:00



North Wales ATC 6, A547 Market Street

Direction: Eastbound

Hour Beginning	Total Volume	ECN Percentage	Mean Average	Standard Deviation	Bin 1 10-15	Bin 2 15-20	Bin 3 20-25	Bin 4 25-30	Bin 5 30-35	Bin 6 35-40	Bin 7 40-45	Bin 8 45-50	Bin 10 50-55	Bin 11 55-60	Bin 12 60-65
00:00	7	30.4	26.8	5.5	0	0	0	0	2	0	0	0	0	0	0
01:00	1	-	27.5	-	0	0	0	0	1	0	0	0	0	0	0
02:00	1	-	32.5	-	0	0	0	0	1	0	0	0	0	0	0
03:00	3	28.8	25.8	2.9	0	0	0	1	2	0	0	0	0	0	0
04:00	6	32.7	26.7	5.8	0	0	0	3	2	0	1	0	0	0	0
05:00	21	33.6	27.0	6.3	0	0	2	7	6	1	1	0	0	0	0
06:00	53	32.4	26.8	5.4	0	1	4	13	21	11	3	0	0	0	0
07:00	184	26.9	4.0	0	8	15	69	88	7	2	0	0	0	0	0
08:00	337	28.6	24.2	4.2	2	6	32	153	124	20	0	0	0	0	0
09:00	261	28.5	24.4	3.9	0	3	28	121	115	14	0	0	0	0	0
10:00	389	27.2	23.2	3.8	0	5	66	196	113	9	0	0	0	0	0
11:00	355	27.4	23.1	4.1	2	8	56	178	100	11	0	0	0	0	0
12:00	398	27.1	22.7	4.2	0	14	77	195	101	10	1	0	0	0	0
13:00	358	27.8	23.2	4.5	2	18	41	183	98	15	1	0	0	0	0
14:00	404	27.2	23.2	3.8	1	5	67	197	128	6	0	0	0	0	0
15:00	409	27.4	23.0	4.2	2	10	75	191	120	11	0	0	0	0	0
16:00	430	27.6	23.1	4.4	4	15	63	209	126	11	0	0	0	0	0
17:00	386	28.1	24.1	3.9	0	6	38	189	136	16	1	0	0	0	0
18:00	283	29.2	24.9	4.1	1	2	24	130	124	21	1	0	0	0	0
19:00	190	29.3	25.3	4.1	0	0	13	78	81	14	4	0	0	0	0
20:00	147	29.3	25.2	4.2	0	1	11	62	55	18	0	0	0	0	0
21:00	99	30.0	25.2	4.6	0	0	10	42	34	11	1	1	0	0	0
22:00	54	30.6	26.0	4.4	0	0	5	15	26	7	1	0	0	0	0
23:00	26	28.2	25.8	3.2	0	0	1	11	11	1	0	0	0	0	0
Total	744	27.3	23.2	4.0	2	13	122	374	213	20	0	0	0	0	0
2H(14-16)	813	27.3	23.1	4.0	3	15	142	388	248	17	0	0	0	0	0
12H(7-19)	4214	27.9	23.5	4.2	14	98	582	1998	1373	153	6	0	0	0	0
24H(0-24)	4822	28.2	23.8	4.3	14	98	628	2227	1636	220	17	2	0	0	0
AM Peak	10:00	05:00	03:00	05:00	08:00	11:00	10:00	10:00	08:00	08:00	06:00	05:00	00:00	00:00	00:00
	389	33.4	27.5	6.3	2	8	66	196	124	20	3	1	0	0	0
PM Peak	16:00	22:00	22:00	21:00	16:00	13:00	12:00	16:00	17:00	18:00	19:00	21:00	12:00	12:00	12:00
	430	35.6	26.9	4.6	4	18	77	209	136	21	4	1	0	0	0

360 TSL Ltd

Direction: Westbound

Hour Beginning	Total Volume	ECN Percentage	Mean Average	Standard Deviation	Bin 1 10-15	Bin 2 15-20	Bin 3 20-25	Bin 4 25-30	Bin 5 30-35	Bin 6 35-40	Bin 7 40-45	Bin 8 45-50	Bin 10 50-55	Bin 11 55-60	Bin 12 60-65
00:00	6	37.3	28.3	8.6	0	0	1	1	2	3	0	1	0	0	0
01:00	4	31.7	25.0	6.5	0	0	1	1	1	1	0	0	0	0	0
02:00	1	-	32.5	-	0	0	0	0	1	0	0	0	0	0	0
03:00	1	-	27.5	-	0	0	0	0	0	1	0	0	0	0	0
04:00	2	52.2	37.5	14.1	0	0	0	0	1	0	0	0	1	0	0
05:00	11	31.5	27.5	3.9	0	0	0	0	3	5	0	0	0	0	0
06:00	36	30.8	26.3	4.4	0	0	2	12	16	1	1	0	0	0	0
07:00	137	30.1	25.5	4.4	0	2	9	51	55	19	1	0	0	0	0
08:00	297	29.3	24.6	4.7	1	8	24	128	111	23	1	0	0	0	0
09:00	337	29.1	24.7	4.3	0	0	45	132	130	27	3	0	0	0	0
10:00	384	27.5	22.8	4.5	4	7	81	173	103	12	0	0	0	0	0
11:00	409	27.6	23.1	4.4	2	7	88	178	115	19	0	0	0	0	0
12:00	479	26.8	22.4	4.2	0	20	99	237	113	10	0	0	0	0	0
13:00	366	27.7	23.4	4.1	0	4	62	180	105	12	1	0	0	0	0
14:00	382	28.1	23.7	4.3	1	6	60	175	118	21	1	0	0	0	0
15:00	400	27.5	23.0	4.4	2	9	80	215	115	20	1	0	0	0	0
16:00	627	27.3	22.8	4.3	8	18	97	324	163	17	0	0	0	0	0
17:00	394	28.1	23.7	4.2	0	10	90	276	182	25	1	0	0	0	0
18:00	313	30.0	25.3	4.5	1	1	14	134	136	42	5	0	0	0	0
19:00	241	30.9	26.0	4.7	0	1	18	86	92	35	9	0	0	0	0
20:00	196	30.5	25.7	4.7	0	0	21	62	87	10	1	0	0	0	0
21:00	133	30.7	26.2	4.3	0	0	10	39	62	21	0	1	0	0	0
22:00	71	33.6	27.6	5.7	0	0	5	20	24	14	1	0	0	0	0
23:00	26	34.4	27.9	6.3	0	0	1	8	10	4	2	0	1	0	0
Total	793	27.6	22.9	4.5	6	14	171	351	218	31	2	0	0	0	0
2H(14-16)	832	27.8	23.3	4.3	3	15	148	390	233	41	2	0	0	0	0
12H(7-19)	4815	28.1	23.5	4.4	19	92	779	2201	1446	257	20	1	0	0	0
24H(0-24)	5143	28.7	23.9	4.6	19	93	808	2433	1747	362	44	5	2	0	0
AM Peak	11:00	04:00	04:00	04:00	10:00	08:00	11:00	11:00	09:00	09:00	08:00	00:00	04:00	00:00	00:00
	409	32.1	31.5	14.1	4	8	88	178	119	27	3	1	1	0	0
PM Peak	16:00	22:00	23:00	22:00	16:00	13:00	13:00	16:00	17:00	18:00	19:00	20:00	23:00	12:00	12:00
	627	34.4	27.9	6.3	8	20	99	324	162	42	9	1	1	0	0

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	ECN Percentage	Mean Average	Standard Deviation	Bin 1 10-15	Bin 2 15-20	Bin 3 20-25	Bin 4 25-30	Bin 5 30-35	Bin 6 35-40	Bin 7 40-45	Bin 8 45-50	Bin 9 50-55	Bin 10 55-60	Bin 11 60-65	Bin 12 65-70
00:00	13	33.8	27.5	6.1	0	0	1	3	6	2	0	1	0	0	0	0
01:00	5	31.4	25.5	5.7	0	0	1	1	2	3	0	0	0	0	0	0
02:00	2	37.2	23.5	14.1	0	1	0	0	0	1	0	0	0	0	0	0
03:00	4	28.8	26.3	2.5	0	0	0	1	3	0	0	0	0	0	0	0
04:00	8	35.5	29.4	8.8	0	0	0	0	3	1	0	1	0	0	0	0
05:00	32	32.9	27.2	5.5	0	0	2	10	11	7	1	1	0	0	0	0
06:00	69	31.8	26.6	5.0	0	1	6	25	37	16	4	0	0	0	0	0
07:00	321	28.3	25.1	4.2	0	5	24	120	143	26	3	0	0	0	0	0
08:00	634	29.0	24.4	4.4	3	14	56	279	235	43	3	1	0	0	0	0
09:00	618	28.8	24.6	4.1	0	3	73	253	245	41	3	0	0	0	0	0
10:00	773	27.3	23.0	4.2	4	12	149	369	216	21	2	0	0	0	0	0
11:00	764	27.5	23.1	4.3	4	15	144	356	215	20	0	0	0	0	0	0
12:00	877	26.9	22.6	4.2	0	34	176	432	214	20	1	0	0	0	0	0
13:00	724	27.9	23.3	4.3	2	22	103	363	203	27	4	0	0	0	0	0
14:00	786	27.7	23.4	4.1	2	11	127	372	246	27	1	0	0	0	0	0
15:00	859	27.5	23.0	4.3	4	19	163	406	235	31	1	0	0	0	0	0
16:00	1027	27.4	22.9	4.3	12	33	360	533	289	30	0	0	0	0	0	0
17:00	980	28.1	23.9	4.1	0	16	128	465	318	51	2	0	0	0	0	0
18:00	656	29.4	25.1	4.3	2	3	58	244	260	63	4	0	0	0	0	0
19:00	431	30.3	25.7	4.5	0	1	31	164	173	49	13	0	0	0	0	0
20:00	343	30.1	25.5	4.4	0	1	32	124	142	38	5	1	0	0	0	0
21:00	232	30.4	25.8	4.5	0	0	20	81	96	27	1	2	0	0	0	0
22:00	125	32.3	26.9	5.2	0	0	10	35	50	21	8	1	0	0	0	0
23:00	52	31.7	26.1	5.2	0	0	2	21	21	5	2	0	1	0	0	0
Total	1537	27.4	23.0	4.2	8	27	283	725	431	51	2	0	0	0	0	0
2H(14-16)	1645	27.6	23.2	4.2	6	30	290	778	481	58	2	0	0	0	0	0
12H(7-19)	9020	28.0	23.5	4.3	33	187	1361	4320	2839	410	26	1	0	0	0	0
24H(0-24)	10365	28.4	23.9	4.4	33	191	1466	4660	3363	582	61	7	2	0	0	0
AM Peak	10:00	04:00	04:00	02:00	10:00	11:00	10:00	10:00	09:00	08:00	06:00	00:00	04:00	00:00	00:00	00:00
	773	38.5	29.4	14.1	4	15	149	369	245	43	4	1	1	0	0	0
PM Peak	16:00	22:00	22:00	22:00	16:00	12:00	12:00	16:00	17:00	18:00	19:00	21:00	23:00	22:00	12:00	12:00
	1027	38.8	29.8	14.5	12	33	368	538	293	31	0	0	0	0	0	0



North Wales ATC 6, A547 Market Street

Direction: Eastbound

30/04/2022																
Hour Beginning	Total Volume	ECN Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-15	Bin 3 15-20	Bin 4 20-25	Bin 5 25-30	Bin 6 30-35	Bin 7 35-40	Bin 8 40-45	Bin 9 45-50	Bin 10 50-55	Bin 11 55-60	Bin 12 >60
00:00	15	34.2	20.8	5.2	0	0	1	1	8	3	2	0	0	0	0	0
01:00	8	34.9	26.9	7.8	0	0	1	3	2	1	1	0	0	0	0	0
02:00	4	36.2	31.3	4.8	0	0	0	0	2	1	1	0	0	0	0	0
03:00	4	33.8	31.3	2.5	0	0	0	0	0	1	3	0	0	0	0	0
04:00	8	35.4	28.8	6.4	0	0	0	3	4	2	1	0	0	0	0	0
05:00	16	32.2	26.9	5.1	0	0	1	5	11	7	5	2	0	0	0	0
06:00	28	32.3	25.7	6.4	1	0	2	1	6	7	5	2	0	0	0	0
07:00	111	29.7	25.1	4.5	0	0	14	46	43	13	1	0	0	0	0	0
08:00	177	30.2	25.2	4.8	0	2	22	57	72	21	3	0	0	0	0	0
09:00	114	27.9	23.6	4.1	1	3	52	142	102	14	0	0	0	0	0	0
10:00	351	28.1	23.9	4.1	0	1	58	155	118	19	0	0	0	0	0	0
11:00	372	27.4	23.6	3.7	0	5	42	199	137	8	1	0	0	0	0	0
12:00	348	27.6	23.5	4.0	1	4	47	187	92	17	0	0	0	0	0	0
13:00	367	27.5	23.3	4.1	1	9	60	167	124	6	0	0	0	0	0	0
14:00	360	27.5	23.6	3.8	0	6	44	187	114	8	1	0	0	0	0	0
15:00	381	27.6	23.5	3.9	2	2	56	191	118	11	1	0	0	0	0	0
16:00	325	28.5	24.4	4.0	0	2	34	152	112	25	0	0	0	0	0	0
17:00	334	28.7	24.6	4.0	0	4	34	135	141	20	0	0	0	0	0	0
18:00	242	29.3	25.3	3.9	0	0	14	107	96	23	2	0	0	0	0	0
19:00	190	29.5	24.6	4.7	0	5	22	75	73	17	2	0	0	0	0	0
20:00	133	30.4	25.8	4.4	0	0	12	40	65	13	2	1	0	0	0	0
21:00	95	29.4	25.0	4.2	0	1	5	47	30	11	1	0	0	0	0	0
22:00	47	30.5	25.6	4.7	0	1	4	14	22	5	1	0	0	0	0	0
23:00	31	31.4	25.9	4.4	0	0	1	9	16	3	2	0	0	0	0	0
Total																
2016-18	723	27.7	23.7	3.9	0	6	100	354	235	27	1	0	0	0	0	0
2014-16	741	27.5	23.5	3.9	2	8	100	378	232	19	2	0	0	0	0	0
2014-18	1464	27.6	23.6	4.1	5	18	477	1739	1249	185	9	0	0	0	0	0
AM Peak 24	4061	28.5	24.2	4.2	6	45	526	1923	1483	251	25	2	0	0	0	0
AM Peak 12	11:00	02:00	02:00	03:00	06:00	11:00	10:00	11:00	10:00	08:00	08:00	03:00	00:00	00:00	00:00	00:00
	372	36.2	31.3	7.8	1	5	58	199	118	21	3	1	0	0	0	0
PM Peak 12	15:00	23:00	23:00	22:00	15:00	13:00	13:00	15:00	17:00	16:00	18:00	20:00	12:00	12:00	12:00	12:00
	381	31.4	26.9	4.7	2	9	60	191	141	25	2	1	0	0	0	0

360 TSL Ltd

Direction: Westbound

30/04/2022																
Hour Beginning	Total Volume	ECN Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-15	Bin 3 15-20	Bin 4 20-25	Bin 5 25-30	Bin 6 30-35	Bin 7 35-40	Bin 8 40-45	Bin 9 45-50	Bin 10 50-55	Bin 11 55-60	Bin 12 >60
00:00	15	34.8	28.5	6.0	0	1	0	2	5	6	1	0	0	0	0	0
01:00	10	33.0	27.5	5.3	0	0	1	2	3	4	0	0	0	0	0	0
02:00	2	28.7	25.0	3.5	0	0	0	1	1	0	0	0	0	0	0	0
03:00	2	27.8	25.5	6.0	0	0	0	0	2	0	0	0	0	0	0	0
04:00	3	45.0	34.2	10.4	0	0	0	1	0	0	1	1	0	0	0	0
05:00	10	33.7	27.0	6.4	0	0	1	4	3	1	0	0	0	0	0	0
06:00	21	32.9	28.0	4.7	0	0	0	5	11	4	0	1	0	0	0	0
07:00	75	31.2	26.4	4.6	0	0	5	24	30	14	2	0	0	0	0	0
08:00	203	29.3	24.9	4.3	0	1	21	83	78	18	2	0	0	0	0	0
09:00	332	28.9	23.9	4.8	2	9	44	151	99	21	6	0	0	0	0	0
10:00	424	28.7	23.8	4.0	0	3	60	203	137	20	1	0	0	0	0	0
11:00	469	27.2	23.2	3.8	0	5	70	269	109	12	4	0	0	0	0	0
12:00	462	28.3	24.0	4.2	0	6	57	218	144	22	5	0	0	0	0	0
13:00	402	28.4	23.7	4.5	3	5	64	178	125	24	2	0	0	0	0	0
14:00	373	28.0	23.5	4.3	0	10	47	204	83	27	2	0	0	0	0	0
15:00	349	28.5	24.0	4.2	1	4	42	168	115	17	1	0	0	0	0	0
16:00	370	28.5	23.9	4.4	0	2	63	163	114	24	4	0	0	0	0	0
17:00	341	28.8	24.4	4.2	0	0	34	153	127	20	3	0	0	0	0	0
18:00	209	30.1	25.6	4.3	0	0	18	109	109	27	4	2	0	0	0	0
19:00	231	29.5	25.2	4.1	1	1	12	101	90	25	1	0	0	0	0	0
20:00	144	30.0	25.5	4.3	0	0	15	48	62	18	1	0	0	0	0	0
21:00	101	30.3	25.9	4.2	0	0	6	36	46	10	3	0	0	0	0	0
22:00	56	33.2	27.5	5.5	0	0	3	16	22	5	1	0	0	0	0	0
23:00	29	31.6	26.6	4.8	0	0	2	9	11	6	1	0	0	0	0	0
Total																
2016-18	893	27.6	23.5	3.9	0	8	130	472	246	32	5	0	0	0	0	0
2014-16	722	28.2	23.7	4.3	1	14	89	372	198	44	3	1	0	0	0	0
12H7-19	4058	28.5	24.0	4.3	6	50	525	1922	1270	246	36	3	0	0	0	0
24H9-24	4082	28.6	24.3	4.4	7	52	565	2147	1524	331	50	6	0	0	0	0
AM Peak	11:00	04:00	04:00	04:00	09:00	09:00	11:00	11:00	10:00	09:00	09:00	04:00	00:00	00:00	00:00	00:00
	469	45.0	34.2	10.4	2	9	70	269	109	12	4	0	0	0	0	0
PM Peak	15:00	23:00	23:00	22:00	13:00	14:00	13:00	13:00	14:00	13:00	18:00	18:00	12:00	12:00	12:00	12:00
	462	33.2	27.5	5.5	3	10	64	218	144	22	5	2	0	0	0	0

360 TSL Ltd

Direction: Total Flow

30/04/2022																
Hour Beginning	Total Volume	ECN Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-15	Bin 3 15-20	Bin 4 20-25	Bin 5 25-30	Bin 6 30-35	Bin 7 35-40	Bin 8 40-45	Bin 9 45-50	Bin 10 50-55	Bin 11 55-60	Bin 12 >60
00:00	30	34.4	28.7	5.5	0	1	1	3	13	9	3	0	0	0	0	0
01:00	18	33.7	27.2	6.3	0	0	2	5	5	0	1	0	0	0	0	0
02:00	6	34.5	29.2	5.2	0	0	0	1	3	1	1	0	0	0	0	0
03:00	6	32.8	30.0	2.7	0	0	0	0	3	3	0	0	0	0	0	0
04:00	11	33.0	30.2	7.5	0	0	0	4	2	1	1	0	0	0	0	0
05:00	26	32.7	26.9	5.5	0	0	2	9	7	6	2	0	0	0	0	0
06:00	49	32.7	26.7	5.8	1	0	2	16	38	9	2	0	0	0	0	0
07:00	186	30.4	25.6	4.6	0	0	19	64	73	27	8	0	0	0	0	0
08:00	380	29.7	25.1	4.5	0	3	43	140	150	39	5	0	0	0	0	0
09:00	446	28.4	23.7	4.5	3	12	96	203	201	35	6	0	0	0	0	0
10:00	775	28.0	23.9	4.0	0	4	118	358	255	39	1	0	0	0	0	0
11:00	841	27.2	23.4	3.8	0	10	121	408	226	20	6	0	0	0	0	0
12:00	800	28.0	23.8	4.1	1	10	104	405	236	39	5	0	0	0	0	0
13:00	788	28.0	23.5	4.3	4	16	124	345	249	30	2	0	0	0	0	0
14:00	731	27.8	23.5	4.1	0	16	91	391	197	35	3	0	0	0	0	0
15:00	730	27.9	23.7	4.1	3	6	98	359	233	28	2	1	0	0	0	0
16:00	695	28.5	24.2	4.2	0	4	97	315	226	49	4	0	0	0	0	0
17:00	675	28.7	24.5	4.1	0	9	68	287	208	40	3	0	0	0	0	0
18:00	511	29.7	25.4	4.1	0	0	32	216	205	50	4	0	0	0	0	0
19:00	421	29.5	25.0	4.4	1	6	34	172	163	42	3	0	0	0	0	0
20:00	277	30.2	25.7	4.4	0	0	27	88	127	31	3	1	0	0	0	0
21:00	196	29.8	25.5	4.3	0	1	11	83	76	21	4	0	0	0	0	0
22:00	103	32.0	26.6	5.2	0	1	7	30	44	14	6	0	0	0	0	0
23:00	60	31.5	26.8	4.6	0	0	3	18	27	9	3	0	0	0	0	0
Total																
2021/22	1636	27.6	23.6	3.9	0	4	14	230	826	481	59	6	0	0	0	0
2022/23	1648	27.9	23.6	4.1	3	22	189	770	480	63	1	0	0	0	0	0
2023/24	1770	28.7	24.0	4.2	11	88	380	1002	643	45	3	0	0	0	0	0
A4940-14	8945	28.7	24.2	4.3	13	97	1051	4070	3007	582	75	8	0	0	0	0
00:00 01:00 04:00 06:00 09:00 10:00 11:00 12:00 13:00 14:00 15:00 16:00 17:00 18:00 19:00 20:00 21:00 22:00 23:00																
PM Peak	12:00	22:00	71:00	22:00	11:00	14:00	11:00	12:00	27:00	88:00	88:00	12:00	12:00	12:00	12:00	12:00



North Wales ATC 6, A547 Market Street

Direction: Eastbound

01/05/2022																
Hour Beginning	Total Volume	ECN Percentage	Mean Average	Standard Deviation	Bin 1 10-15m	Bin 2 15-20m	Bin 3 20-25m	Bin 4 25-30m	Bin 5 30-35m	Bin 6 35-40m	Bin 7 40-45m	Bin 8 45-50m	Bin 9 50-55m	Bin 10 55-60m	Bin 11 60-65m	Bin 12 65-70m
00:00	18	32.1	26.7	5.2	0	0	2	4	8	3	1	0	0	0	0	0
01:00	16	31.1	26.3	4.7	0	0	0	8	5	2	1	0	0	0	0	0
02:00	9	32.3	27.5	5.6	0	0	1	2	2	4	1	0	0	0	0	0
03:00	5	27.5	27.5	0.0	0	0	0	0	5	0	0	0	0	0	0	0
04:00	7	33.2	26.1	6.9	0	0	2	1	1	3	0	0	0	0	0	0
05:00	12	31.7	26.3	5.3	0	0	1	4	5	1	1	0	0	0	0	0
06:00	13	31.7	27.5	4.1	0	0	0	0	4	5	4	0	0	0	0	0
07:00	15	32.1	27.6	4.3	0	1	7	10	5	1	0	0	0	0	0	0
08:00	71	30.2	25.4	4.7	0	0	7	27	29	6	1	1	0	0	0	0
09:00	170	29.3	24.4	0	0	2	23	77	45	22	1	0	0	0	0	0
10:00	255	29.1	24.8	4.2	0	1	28	105	97	23	1	0	0	0	0	0
11:00	300	28.2	24.2	3.9	0	3	35	133	117	12	0	0	0	0	0	0
12:00	314	28.0	23.9	3.9	0	6	34	157	118	7	2	0	0	0	0	0
13:00	328	28.1	24.1	3.9	1	1	40	150	125	9	2	0	0	0	0	0
14:00	342	27.6	23.8	3.7	0	5	31	187	108	10	1	0	0	0	0	0
15:00	320	28.9	24.2	4.6	2	6	39	139	107	26	0	1	0	0	0	0
16:00	255	29.0	25.1	4.3	0	0	18	130	91	30	2	0	0	0	0	0
17:00	214	29.5	25.6	3.7	0	0	14	75	107	20	0	0	0	0	0	0
18:00	181	29.8	25.3	4.5	1	1	14	64	82	18	1	0	0	0	0	0
19:00	164	30.3	25.8	4.3	0	1	10	58	74	17	4	0	0	0	0	0
20:00	93	30.8	26.0	4.6	0	0	8	31	38	13	3	0	0	0	0	0
21:00	63	31.1	26.2	4.8	0	0	5	21	26	8	3	0	0	0	0	0
22:00	41	30.8	25.1	5.5	0	0	7	14	15	3	1	1	0	0	0	0
23:00	20	31.1	25.0	4.9	0	0	2	6	9	2	1	0	0	0	0	0
Total																
2H(10-12)	555	28.6	24.4	4.0	0	4	63	238	214	35	1	0	0	0	0	0
2H(14-16)	662	28.3	24.0	4.2	2	11	70	326	235	36	1	1	0	0	0	0
12H(7-19)	2786	28.8	24.5	4.2	4	28	284	1229	2046	189	11	2	0	0	0	0
24H(0-24)	6561	29.1	24.7	4.1	4	29	322	1382	1239	249	28	3	0	0	0	0
AM Peak	11:00	02:00	07:00	04:00	00:00	11:00	11:00	11:00	10:00	07:00	08:00	00:00	00:00	00:00	00:00	00:00
	300	33.3	27.6	6.9	0	3	35	133	117	23	2	1	0	0	0	0
PM Peak	14:00	21:00	21:00	22:00	15:00	12:00	13:00	14:00	13:00	16:00	19:00	15:00	12:00	12:00	12:00	12:00
	342	31.1	26.2	5.5	2	6	40	187	125	30	4	1	0	0	0	0

360 TSL Ltd

Direction: Westbound

Hour	Total Volume	ECN Percentage	Mean Average	Standard Deviation	Bin 1 10-15m	Bin 2 15-20m	Bin 3 20-25m	Bin 4 25-30m	Bin 5 30-35m	Bin 6 35-40m	Bin 7 40-45m	Bin 8 45-50m	Bin 9 50-55m	Bin 10 55-60m	Bin 11 60-65m	Bin 12 65-70m
00:00	20	34.4	29.3	4.9	0	0	0	4	7	8	0	1	0	0	0	0
01:00	19	33.5	27.5	5.8	0	0	1	6	7	2	3	0	0	0	0	0
02:00	9	31.2	27.5	3.5	0	0	0	2	5	2	0	0	0	0	0	0
03:00	6	32.8	30.0	3.7	0	0	0	0	0	3	3	0	0	0	0	0
04:00	5	42.2	32.5	9.4	0	0	1	0	0	2	1	1	0	0	0	0
05:00	1	-	22.5	-	0	0	0	1	0	0	0	0	0	0	0	0
06:00	12	31.8	28.8	4.8	0	0	3	4	4	4	1	0	0	0	0	0
07:00	54	32.5	27.1	5.2	0	1	3	12	25	9	4	0	0	0	0	0
08:00	96	31.4	26.0	5.2	0	1	6	38	32	14	4	1	0	0	0	0
09:00	123	29.1	24.7	4.3	0	2	11	53	48	7	2	0	0	0	0	0
10:00	294	29.1	25.0	4.2	0	0	27	123	118	24	2	0	0	0	0	0
11:00	319	29.0	24.9	3.9	0	1	16	155	127	17	2	0	0	1	0	0
12:00	384	27.6	23.9	3.6	0	2	41	254	121	16	0	0	0	0	0	0
13:00	366	28.2	23.9	4.2	0	3	55	175	113	19	1	0	0	0	0	0
14:00	405	28.4	24.1	4.1	1	5	44	193	134	28	0	0	0	0	0	0
15:00	387	28.8	24.4	4.2	0	5	58	159	140	27	1	0	0	0	0	0
16:00	264	30.0	25.3	4.5	0	2	28	93	105	33	3	0	0	0	0	0
17:00	199	30.5	25.8	4.5	0	0	20	63	84	29	3	0	0	0	0	0
18:00	156	30.1	25.8	4.1	0	0	9	55	76	12	3	1	0	0	0	0
19:00	136	31.6	26.5	4.9	0	2	10	36	57	27	4	0	0	0	0	0
20:00	106	31.7	26.7	4.9	0	1	8	30	37	29	1	0	0	0	0	0
21:00	70	31.1	25.9	5.0	0	0	8	24	23	13	2	0	0	0	0	0
22:00	45	32.9	27.3	5.4	0	0	3	14	14	10	4	0	0	0	0	0
23:00	24	30.5	25.2	4.7	0	0	3	8	11	1	1	0	0	0	0	0
Total																
2H(10-12)	613	29.0	24.9	3.9	0	1	43	278	245	41	4	0	0	1	0	0
2H(14-16)	792	28.6	24.3	4.2	1	5	102	352	278	55	3	0	0	0	0	0
12H(7-19)	3057	29.1	24.7	4.2	1	17	318	1331	1123	235	29	2	0	1	0	0
24H(0-24)	8101	29.5	25.0	4.4	1	20	352	1499	1291	336	46	4	0	1	0	0
AM Peak	11:00	04:00	04:00	04:00	00:00	09:00	10:00	11:00	11:00	10:00	07:00	00:00	00:00	11:00	00:00	00:00
	319	42.1	32.5	9.4	0	2	27	119	127	24	8	1	0	1	0	0
PM Peak	14:00	22:00	22:00	22:00	14:00	14:00	15:00	12:00	15:00	16:00	19:00	18:00	12:00	12:00	12:00	12:00
	405	32.9	27.9	5.4	1	5	58	224	140	33	6	1	0	0	0	0

360 TSL Ltd

Direction: Total Flow

Hour	Total Volume	ECN Percentage	Mean Average	Standard Deviation	Bin 1 10-15m	Bin 2 15-20m	Bin 3 20-25m	Bin 4 25-30m	Bin 5 30-35m	Bin 6 35-40m	Bin 7 40-45m	Bin 8 45-50m	Bin 9 50-55m	Bin 10 55-60m	Bin 11 60-65m	Bin 12 65-70m
00:00	38	31.4	26.9	5.2	0	0	2	8	15	11	1	1	0	0	0	0
01:00	35	32.4	26.5	4.5	0	0	1	14	12	4	4	0	0	0	0	0
02:00	18	32.2	27.5	4.5	0	0	1	4	7	1	0	0	0	0	0	0
03:00	11	31.3	28.9	2.3	0	0	0	0	8	3	0	0	0	0	0	0
04:00	12	37.3	28.8	8.3	0	0	3	1	1	1	1	0	0	0	0	0
05:00	13	31.3	26.0	5.2	0	0	1	5	5	1	1	0	0	0	0	0
06:00	25	32.7	28.1	4.4	0	0	7	9	8	1	0	0	0	0	0	0
07:00	80	32.4	27.3	4.8	0	1	4	19	44	15	6	0	0	0	0	0
08:00	167	30.9	25.8	5.0	0	1	13	65	61	20	5	2	0	0	0	0
09:00	293	29.2	24.5	4.5	0	4	34	139	93	29	3	0	0	0	0	0
10:00	549	29.1	24.9	4.1	0	1	55	228	215	47	3	0	0	0	0	0
11:00	619	28.6	24.6	3.9	0	4	51	288	244	29	1	0	0	0	0	0
12:00	718	27.8	23.9	3.7	0	8	75	371	239	23	2	0	0	0	0	0
13:00	694	28.2	24.0	4.1	1	4	95	323	238	28	5	0	0	0	0	0
14:00	747	28.1	24.0	3.9	1	10	75	380	242	38	1	0	0	0	0	0
15:00	707	28.9	24.3	4.4	2	6	97	298	247	53	3	1	0	0	0	0
16:00	519	29.8	25.2	4.4	0	5	46	203	197	63	5	0	0	0	0	0
17:00	413	30.0	25.7	4.1	0	0	34	136	191	49	3	0	0	0	0	0
18:00	337	29.6	25.8	4.2	1	1	23	119	158	30	4	1	0	0	0	0
19:00	300	30.9	26.1	4.6	0	3	20	94	131	44	8	0	0	0	0	0
20:00	199	31.3	26.3	4.8	0	1	16	61	75	42	4	0	0	0	0	0
21:00	131	31.1	26.0	4.9	0	0	13	45	45	21	1	0	0	0	0	0
22:00	86	32.0	26.2	5.5	0	0	10	28	29	13	5	1	0	0	0	0
23:00	44	30.5	25.6	4.7	0	0	1	14	20	3	2	0	0	0	0	0
Total																
2021-12-31	1454	28.8	24.7	4.0	0	5	306	516	489	91	0	0	0	1	0	0
2022-01-01	1458	28.5	24.1	4.2	3	16	372	678	409	76	4	1	0	0	0	0
2022-01-02	1454	29.7	24.6	4.2	1	5	45	622	266	42	4	1	0	0	0	0
2022-01-03	1766	29.1	24.8	4.3	5	49	674	2841	2530	585	74	7	0	1	0	0
Average																
01:00	100	04.00	63.00	100.00	00.00	00.00	00.00	00.00	00.00	07.00	00.00	00.00	00.00	00.00	00.00	00.00
02:00	100	02.0	62.0	82.0	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00
03:00	100	02.00	70.00	22.00	00.00	00.00	04.00	00.00	04.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00
04:00	100	02.00	70.00	22.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00
05:00	100	02.00	70.00	22.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00
06:00	100	02.00	70.00	22.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00
07:00	100	02.00	70.00	22.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00
08:00	100	02.00	70.00	22.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00
09:00	100	02.00	70.00	22.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00
10:00	100	02.00	70.00	22.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00
11:00	100	02.00	70.00	22.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00
12:00	100	02.00	70.00	22.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00
13:00	100	02.00	70.00	22.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00
14:00	100	02.00	70.00	22.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00
15:00	100	02.00	70.00	22.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00
16:00	100	02.00	70.00	22.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00
17:00	100	02.00	70.00	22.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00
18:00	100	02.00	70.00	22.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00
19:00	100	02.00	70.00	22.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00
20:00	100	02.00	70.00	22.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00
21:00	100	02.00	70.00	22.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00
22:00	100	02.00	70.00	22.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00
23:00	100	02.00	70.00	22.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00



North Wales ATC 6, A547 Market Street

Direction: Eastbound

Hour Beginning	Total Volume	ECN Percentage	Mean Average	Standard Deviation	Bin 1 10-15m	Bin 2 15-20m	Bin 3 20-25m	Bin 4 25-30m	Bin 5 30-35m	Bin 6 35-40m	Bin 7 40-45m	Bin 8 45-50m	Bin 9 50-55m	Bin 10 55-60m	Bin 11 60-65m	Bin 12 65-70m
00:00	8	31.1	20.8	2.3	0	0	0	0	2	0	0	0	0	0	0	0
01:00	4	31.7	25.0	6.5	0	0	1	1	1	1	0	0	0	0	0	0
02:00	6	37.6	28.2	8.2	0	0	0	0	3	0	1	0	0	0	0	0
03:00	3	38.7	30.8	7.6	0	0	0	1	0	1	1	0	0	0	0	0
04:00	5	35.1	30.5	4.5	0	0	0	0	3	1	1	0	0	0	0	0
05:00	15	29.3	25.2	4.6	0	0	2	5	6	1	0	0	0	0	0	0
06:00	22	32.0	26.6	5.3	0	0	0	12	4	4	2	0	0	0	0	0
07:00	62	30.8	26.3	4.4	0	1	3	12	29	6	1	0	0	0	0	0
08:00	106	31.0	25.8	5.1	0	2	10	33	43	14	4	0	0	0	0	0
09:00	202	29.2	26.5	4.6	2	1	31	64	90	14	0	0	0	0	0	0
10:00	279	28.2	23.9	4.1	0	3	39	127	96	13	1	0	0	0	0	0
11:00	333	27.9	23.8	4.0	0	4	46	153	117	13	0	0	0	0	0	0
12:00	358	27.5	23.3	4.1	2	10	44	186	107	8	1	0	0	0	0	0
13:00	355	27.3	23.5	3.6	0	2	49	185	112	6	1	0	0	0	0	0
14:00	339	27.8	23.4	4.2	2	9	46	164	110	7	0	1	0	0	0	0
15:00	377	27.9	23.9	3.9	0	4	45	185	134	8	0	0	1	0	0	0
16:00	453	27.6	23.5	3.9	0	6	69	199	150	8	1	0	0	0	0	0
17:00	464	28.5	23.2	5.1	5	37	58	169	180	14	1	0	0	0	0	0
18:00	227	26.8	25.0	3.7	0	0	18	94	99	16	0	0	0	0	0	0
19:00	156	30.3	25.5	4.6	0	0	15	60	58	20	1	0	0	0	0	0
20:00	106	30.4	26.0	4.2	0	0	10	27	55	13	1	0	0	0	0	0
21:00	50	31.2	26.0	5.0	0	0	4	15	27	2	1	0	1	0	0	0
22:00	26	29.7	25.6	4.0	0	0	3	6	15	2	0	0	0	0	0	0
23:00	18	34.8	27.8	6.7	0	0	1	7	4	3	2	1	0	0	0	0
Total																
2016-10-12	612	28.0	23.9	4.0	0	7	85	280	213	26	1	0	0	0	0	0
2016-14-16	716	27.8	23.6	4.0	2	13	91	349	244	15	0	1	1	0	0	0
12H07-19	825	28.7	23.8	4.2	11	79	404	1571	1267	127	10	1	1	0	0	0
24H00-24	894	28.5	24.0	4.4	11	79	404	1708	1446	180	4	2	0	0	0	0
AM Peak	11:00	03:00	03:00	02:00	09:00	11:00	11:00	11:00	11:00	08:00	08:00	02:00	00:00	00:00	00:00	00:00
	383	38.7	30.8	8.2	2	4	46	153	117	14	4	1	0	0	0	0
PM Peak	17:00	23:00	23:00	23:00	17:00	17:00	16:00	16:00	17:00	19:00	19:00	14:00	15:00	12:00	12:00	12:00
	464	34.8	27.8	6.7	5	37	69	239	180	20	2	1	1	0	0	0

360 TSL Ltd

Direction: Westbound

Hour Beginning	Total Volume	ECN Percentage	Mean Average	Standard Deviation	Bin 1 10-15m	Bin 2 15-20m	Bin 3 20-25m	Bin 4 25-30m	Bin 5 30-35m	Bin 6 35-40m	Bin 7 40-45m	Bin 8 45-50m	Bin 9 50-55m	Bin 10 55-60m	Bin 11 60-65m	Bin 12 65-70m
00:00	14	32.7	28.2	4.3	0	0	0	4	4	6	0	0	0	0	0	0
01:00	7	31.4	26.8	4.5	0	0	0	3	2	0	0	0	0	0	0	0
02:00	4	31.7	27.5	4.1	0	0	0	1	2	1	0	0	0	0	0	0
03:00	2	33.7	30.0	3.5	0	0	0	0	0	1	1	0	0	0	0	0
04:00	2	51.0	40.0	10.6	0	0	0	0	0	1	0	0	1	0	0	0
05:00	9	37.2	28.1	8.8	0	0	1	3	2	2	0	0	0	0	0	0
06:00	19	33.1	26.2	6.6	0	1	4	0	9	4	1	0	0	0	0	0
07:00	50	33.2	27.2	5.8	0	1	6	9	23	7	4	1	0	0	0	0
08:00	96	30.1	25.2	4.7	0	1	10	37	33	14	1	0	0	0	0	0
09:00	166	29.2	24.3	4.8	2	1	24	63	61	14	1	0	0	0	0	0
10:00	202	28.4	23.8	4.5	1	5	47	121	100	17	1	0	0	0	0	0
11:00	389	28.5	24.1	4.2	0	2	62	161	142	19	3	0	0	0	0	0
12:00	386	28.1	23.7	4.2	1	5	59	177	126	16	2	0	0	0	0	0
13:00	361	28.1	23.8	4.2	0	8	44	180	106	22	1	0	0	0	0	0
14:00	328	27.7	23.6	4.0	0	1	48	183	72	23	1	0	0	0	0	0
15:00	355	28.4	24.0	4.3	1	7	35	163	105	24	0	0	0	0	0	0
16:00	286	27.5	23.0	4.4	0	5	65	131	72	11	1	1	0	0	0	0
17:00	322	27.6	23.4	4.1	0	3	56	163	95	17	0	0	0	0	0	0
18:00	218	28.6	24.6	4.8	0	4	24	96	70	18	5	1	0	0	0	0
19:00	124	30.4	25.7	4.5	0	0	15	32	64	9	4	0	0	0	0	0
20:00	81	32.0	26.5	5.3	0	1	8	22	28	9	0	0	0	0	0	0
21:00	71	31.7	26.2	5.3	0	0	8	23	22	15	3	0	0	0	0	0
22:00	16	32.9	27.5	5.3	0	0	3	11	10	11	1	0	0	0	0	0
23:00	21	32.3	26.8	5.3	0	1	0	6	9	4	1	0	0	0	0	0
Total																
2016-10-12	681	28.5	24.0	4.3	1	7	109	282	242	36	4	0	0	0	0	0
2016-14-16	663	28.1	23.8	4.1	1	8	93	346	177	47	1	0	0	0	0	0
12H07-19	829	28.4	23.9	4.4	5	42	482	1484	1001	202	20	3	0	0	0	0
24H00-24	829	28.6	24.2	4.6	5	45	520	1589	1154	277	34	5	2	0	0	0
AM Peak	11:00	04:00	04:00	04:00	09:00	10:00	11:00	11:00	11:00	11:00	07:00	07:00	04:00	00:00	00:00	00:00
	389	31.6	40.8	10.6	2	5	42	161	142	19	4	1	1	0	0	0
PM Peak	12:00	22:00	23:00	20:00	12:00	13:00	16:00	14:00	13:00	15:00	18:00	16:00	12:00	12:00	12:00	12:00
	386	32.9	27.5	5.3	1	8	65	163	126	24	5	1	0	0	0	0

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	ECN Percentage	Mean Average	Standard Deviation	Bin 1 10-15m	Bin 2 15-20m	Bin 3 20-25m	Bin 4 25-30m	Bin 5 30-35m	Bin 6 35-40m	Bin 7 40-45m	Bin 8 45-50m	Bin 9 50-55m	Bin 10 55-60m	Bin 11 60-65m	Bin 12 65-70m
00:00	22	32.2	28.4	3.7	0	0	0	4	10	8	0	0	0	0	0	0
01:00	11	31.4	26.1	5.0	0	0	1	4	3	3	0	0	0	0	0	0
02:00	10	35.1	28.5	6.6	0	0	0	4	2	1	0	0	0	0	0	0
03:00	5	36.4	30.5	5.7	0	0	0	1	1	2	1	0	0	0	0	0
04:00	7	40.8	33.2	7.3	0	0	0	0	3	2	1	0	0	0	0	0
05:00	24	33.0	26.3	6.5	0	0	3	8	8	4	0	0	1	0	0	0
06:00	41	32.5	26.4	5.9	0	1	4	12	13	8	3	0	0	0	0	0
07:00	102	33.0	26.7	5.1	0	1	9	21	52	13	5	1	0	0	0	0
08:00	202	30.6	25.5	4.9	0	3	20	70	76	28	5	0	0	0	0	0
09:00	368	29.2	24.4	4.6	4	2	55	127	151	28	1	0	0	0	0	0
10:00	571	28.3	23.9	4.3	1	8	86	248	196	30	2	0	0	0	0	0
11:00	722	28.2	24.0	4.2	0	6	108	314	259	32	0	0	0	0	0	0
12:00	744	27.8	23.5	4.2	3	15	103	363	233	24	3	0	0	0	0	0
13:00	726	27.7	23.7	3.9	0	10	93	365	238	26	2	0	0	0	0	0
14:00	667	27.7	23.5	4.1	2	10	94	347	182	30	1	0	0	0	0	0
15:00	712	28.1	23.9	4.0	1	11	80	348	239	32	0	0	1	0	0	0
16:00	739	27.6	23.3	4.1	0	11	134	330	222	19	1	0	0	0	0	0
17:00	796	28.2	23.3	4.7	5	40	116	332	271	31	1	0	0	0	0	0
18:00	445	29.3	24.8	4.3	0	4	42	190	189	34	5	1	0	0	0	0
19:00	280	30.1	25.6	4.6	0	0	30	92	122	29	6	1	0	0	0	0
20:00	187	31.1	26.2	4.7	0	1	18	49	83	32	4	0	0	0	0	0
21:00	121	31.4	26.1	5.1	0	0	12	38	49	17	4	0	1	0	0	0
22:00	62	31.7	26.7	4.8	0	0	5	17	25	13	2	0	0	0	0	0
23:00	39	33.6	27.2	6.0	0	1	1	13	11	7	1	1	0	0	0	0
Total																
2016-10-12	1293	28.3	23.9	4.2	1	14	194	562	455	62	5	0	0	0	0	0
2016-10-13	1379	27.9	23.7	4.1	3	21	174	605	421	62	1	1	0	0	0	0
2016-10-14	1243	27.8	23.8	4.3	16	121	960	806	329	30	0	0	0	0	0	0
2016-10-15	793	28.7	24.1	4.5	16	124	1034	3297	2600	437	54	7	4	0	0	0
AMH 24h																
00:00	11:00	04:00	04:00	00:00	00:00	10:00	11:00	11:00	11:00	07:00	07:00	02:00	04:00	00:00	00:00	00:00
PMH 24h	722	04:00	04:00	7:3	4	8	108	314	259	32	5	1	1	0	0	0
00:00	17:00	23:00	23:00	23:00	17:00	17:00	17:00	17:00	18:00	19:00	14:00	14:00	12:00	12:00	12:00	12:00
PMH 24h	744	17:00	17:00	17:00	744	744	744	744	744	744	744	744	744	744	744	744



North Wales ATC 6, A547 Market Street

Direction: Eastbound

09/05/2022																
Hour Beginning	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-15	Bin 3 15-20	Bin 4 20-25	Bin 5 25-30	Bin 6 30-35	Bin 7 35-40	Bin 8 40-45	Bin 9 45-50	Bin 10 50-55	Bin 11 55-60	Bin 12 >=60
00:00	2	28.7	25.0	3.5	0	0	0	1	1	0	0	0	0	0	0	0
01:00	3	28.8	25.8	2.9	0	0	0	1	2	0	0	0	0	0	0	0
02:00	4	27.1	27.5	4.1	0	0	0	1	2	1	0	0	0	0	0	0
03:00	1	-	27.5	-	0	0	0	0	1	0	0	0	0	0	0	0
04:00	8	34.8	27.5	7.1	0	1	0	1	2	4	0	0	0	0	0	0
05:00	25	30.1	26.1	4.2	0	0	0	12	12	9	3	1	0	0	0	0
06:00	60	31.2	25.8	5.2	0	1	6	21	16	16	0	0	0	0	0	0
07:00	207	28.7	24.7	4.1	0	5	15	83	91	13	0	0	0	0	0	0
08:00	362	28.1	24.2	3.8	1	1	35	184	124	15	2	0	0	0	0	0
09:00	314	26.9	22.9	3.8	0	5	54	173	73	1	0	0	0	0	0	0
10:00	336	27.7	23.2	4.3	0	2	62	173	92	4	0	0	0	0	0	0
11:00	325	27.2	23.0	4.1	1	8	52	168	88	7	1	0	0	0	0	0
12:00	334	27.2	23.1	3.7	1	2	47	175	91	8	0	0	0	0	0	0
13:00	312	28.0	23.7	4.2	3	4	39	148	106	12	0	0	0	0	0	0
14:00	336	27.4	23.4	3.8	0	4	46	176	90	8	2	0	0	0	0	0
15:00	344	27.5	23.5	3.9	0	5	53	163	116	7	0	0	0	0	0	0
16:00	390	27.3	23.0	4.2	2	12	65	193	113	9	0	0	0	0	0	0
17:00	388	28.6	24.4	4.1	0	6	39	171	151	19	2	0	0	0	0	0
18:00	278	29.7	25.1	4.4	1	3	25	101	121	25	1	1	0	0	0	0
19:00	199	29.5	25.6	3.8	0	1	10	75	92	21	0	0	0	0	0	0
20:00	115	29.3	25.3	3.8	0	1	6	45	53	10	0	0	0	0	0	0
21:00	67	29.1	25.0	4.0	0	0	6	41	32	7	1	0	0	0	0	0
22:00	40	29.7	25.1	4.4	0	0	4	16	16	3	1	0	0	0	0	0
23:00	16	28.2	25.1	4.0	0	0	2	8	5	1	0	0	0	0	0	0
Total																
201610-12	661	27.5	23.1	4.2	1	10	134	341	180	11	1	0	3	0	0	0
201614-16	470	27.4	23.4	3.8	0	9	99	339	206	15	2	0	0	0	0	0
201617-19	906	27.9	23.7	4.1	9	17	128	1008	1206	135	9	1	3	0	0	0
240169-24	4666	28.2	23.9	4.1	9	61	562	2130	1487	201	12	1	3	0	0	0
AM Peak	08:00	04:00	02:00	04:00	08:00	11:00	10:00	08:00	08:00	06:00	08:00	00:00	10:00	00:00	00:00	00:00
	362	34.8	27.5	7.1	1	8	62	184	124	16	2	0	3	0	0	0
PM Peak	16:00	18:00	19:00	18:00	13:00	16:00	16:00	16:00	17:00	18:00	14:00	18:00	12:00	12:00	12:00	12:00
	390	29.7	25.6	4.4	3	12	61	193	151	25	2	1	0	0	0	0

360 TSL Ltd

Direction: Westbound

Hour	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-15	Bin 3 15-20	Bin 4 20-25	Bin 5 25-30	Bin 6 30-35	Bin 7 35-40	Bin 8 40-45	Bin 9 45-50	Bin 10 50-55	Bin 11 55-60	Bin 12 >=60
00:00	9	32.4	26.9	5.3	0	0	1	2	3	3	0	0	0	0	0	0
01:00	2	28.7	25.0	3.5	0	0	0	1	1	0	0	0	0	0	0	0
02:00	1	-	22.5	-	0	0	0	0	1	0	0	0	0	0	0	0
03:00	0	-	27.5	-	0	0	0	0	0	0	0	0	0	0	0	0
04:00	2	43.7	40.0	3.5	0	0	0	0	0	0	0	1	1	0	0	0
05:00	12	32.7	28.3	4.2	0	0	0	3	4	5	0	0	0	0	0	0
06:00	41	32.4	26.8	5.4	0	1	3	11	16	10	2	0	0	0	0	0
07:00	161	29.0	24.7	4.1	0	4	14	60	74	9	0	0	0	0	0	0
08:00	288	28.4	24.4	3.8	0	2	23	149	94	19	1	0	0	0	0	0
09:00	309	27.8	23.2	4.5	2	8	51	150	84	12	2	0	0	0	0	0
10:00	340	26.8	23.0	3.7	0	5	52	155	79	9	0	0	0	0	0	0
11:00	383	27.6	22.9	4.5	2	18	60	184	104	14	1	0	0	0	0	0
12:00	356	27.8	23.6	4.0	0	9	43	175	117	12	0	0	0	0	0	0
13:00	318	27.4	23.1	3.9	0	5	47	169	85	11	1	0	0	0	0	0
14:00	337	27.5	23.0	4.3	0	3	73	165	81	10	5	0	0	0	0	0
15:00	379	27.7	23.6	3.9	1	3	48	203	106	17	1	0	0	0	0	0
16:00	373	27.6	22.9	4.5	2	9	78	168	98	17	1	0	0	0	0	0
17:00	409	27.8	23.7	4.0	1	3	56	209	133	19	1	0	0	0	0	0
18:00	297	30.0	24.4	5.5	7	11	35	99	118	27	4	0	0	0	0	0
19:00	218	30.0	25.4	4.4	0	0	21	80	91	21	5	0	0	0	0	0
20:00	136	30.2	25.4	4.7	0	1	12	53	52	15	7	0	0	0	0	0
21:00	113	31.3	26.0	5.0	0	1	6	44	44	12	4	2	0	0	0	0
22:00	41	31.1	27.6	5.3	0	0	4	8	14	13	2	0	0	0	0	0
23:00	15	36.4	29.2	7.0	0	0	1	3	4	6	0	0	1	0	0	0
Total																
201610-12	723	27.3	23.0	4.2	2	23	112	379	183	23	1	0	0	0	0	0
201614-16	716	27.6	23.4	4.1	1	6	121	368	187	27	6	0	0	0	0	0
201617-19	950	27.9	23.5	4.3	15	80	576	1936	1180	176	17	0	0	0	0	0
240169-24	4542	28.4	23.8	4.4	15	83	624	2132	1389	261	33	4	1	0	0	0
AM Peak	11:00	04:00	04:00	06:00	09:00	11:00	11:00	10:00	11:00	08:00	06:00	04:00	00:00	00:00	00:00	00:00
	381	43.7	40.0	3.4	2	18	60	195	104	19	2	1	0	0	0	0
PM Peak	17:00	21:00	23:00	23:00	18:00	18:00	16:00	17:00	17:00	18:00	14:00	21:00	23:00	12:00	12:00	12:00
	409	36.4	29.2	7.0	7	11	39	309	120	27	5	2	1	0	0	0

360 TSL Ltd

Direction: Total Flow

Hour	Total Vol	ESD %	Mean Speed	Standard Deviation	Bin 1 <10mph	Bin 2 10-15	Bin 3 15-20	Bin 4 20-25	Bin 5 25-30	Bin 6 30-35	Bin 7 35-40	Bin 8 40-45	Bin 9 45-50	Bin 10 50-55	Bin 11 55-60	Bin 12 >=60
00:00	11	31.7	26.6	4.9	0	0	0	1	3	4	3	0	0	0	0	0
01:00	5	28.3	25.5	2.7	0	0	0	2	3	0	0	0	0	0	0	0
02:00	5	30.8	26.5	4.2	0	0	0	2	2	1	0	0	0	0	0	0
03:00	1	-	27.5	-	0	0	0	0	1	0	0	0	0	0	0	0
04:00	10	38.5	30.0	8.2	0	1	0	1	2	4	1	1	0	0	0	0
05:00	37	31.3	26.8	4.3	0	0	0	15	13	8	1	0	0	0	0	0
06:00	103	31.7	26.2	5.3	0	2	9	32	36	26	2	0	0	0	0	0
07:00	368	28.9	24.7	4.1	0	9	29	143	165	12	0	0	0	0	0	0
08:00	650	28.2	24.3	3.8	1	3	58	333	218	34	3	0	0	0	0	0
09:00	623	27.4	23.1	4.2	2	13	205	323	157	20	3	0	0	0	0	0
10:00	676	27.3	23.1	4.0	0	7	114	368	171	13	0	0	0	0	0	0
11:00	708	27.5	23.0	4.3	3	26	111	352	182	21	2	0	0	0	0	0
12:00	680	27.5	23.5	3.9	1	11	90	350	208	20	0	0	0	0	0	0
13:00	690	27.7	23.5	4.1	1	9	95	380	271	38	3	0	0	0	0	0
14:00	663	27.4	23.2	4.1	0	7	119	341	171	18	7	0	0	0	0	0
15:00	723	27.6	23.6	3.9	1	8	101	366	222	24	1	0	0	0	0	0
16:00	763	27.5	23.0	4.3	4	21	139	361	211	26	1	0	0	0	0	0
17:00	797	28.2	24.0	4.0	1	9	95	380	271	38	3	0	0	0	0	0
18:00	575	29.9	24.7	5.0	8	14	56	288	233	52	5	1	0	0	0	0
19:00	417	29.8	25.5	4.1	0	1	31	155	183	42	5	0	0	0	0	0
20:00	251	29.8	25.3	4.3	0	2	18	98	105	25	2	1	0	0	0	0
21:00	200	30.4	25.6	4.6	0	1	12	85	76	19	4	2	0	0	0	0
22:00	81	31.6	26.4	5.0	0	0	3	11	9	7	2	0	0	1	0	0
23:00	31	32.9	26.5	6.1	0	0	0	1	0	0	0	0	0	0	0	0
Total																
2023-12-01	1384	27.4	23.0	4.2	3	33	226	720	363	34	2	0	0	0	0	0
2023-12-02	1386	27.5	23.4	4.0	1	15	220	707	393	41	2	0	0	0	0	0
2023-12-03	1387	27.6	23.6	4.2	2	34	137	1104	348	312	8	26	1	0	0	0
2023-12-04	9008	28.3	23.8	4.3	24	144	1186	4262	2876	662	45	5	4	0	0	0
AMPH 24	1100	04:00	04:00	04:00	11:00	11:00	11:00	11:00	08:00	04:00	08:00	04:00	08:00	04:00	08:00	08:00
AMPH 24	700	38.3	30.0	8.2	5	26	124	368	218	34	3	1	1	0	0	0
PM PH 24	1700	23:00	23:00	23:00	18:00	18:00	16:00	17:00	17:00	18:00	14:00	21:00	21:00	12:00	12:00	12:00



North Wales ATC 6, A547 Market Street

Direction: Eastbound

04/05/2022																			
Hour Beginning	Total Volume	ECN Percentage	Mean Average	Standard Deviation	Bin 1 10-15min	Bin 2 15-20	Bin 3 20-25	Bin 4 25-30	Bin 5 30-35	Bin 6 35-40	Bin 7 40-45	Bin 8 45-50	Bin 9 50-55	Bin 10 55-60	Bin 11 60-65	Bin 12 65-70			
00:00	7	35.4	20.4	4.9	0	0	0	1	2	0	0	0	0	0	0	0			
01:00	3	28.8	25.8	2.9	0	0	0	1	2	0	0	0	0	0	0	0			
02:00	1	-	32.5	-	0	0	0	0	1	0	0	0	0	0	0	0			
03:00	5	28.3	25.5	2.7	0	0	0	2	3	0	0	0	0	0	0	0			
04:00	5	32.2	26.5	5.5	0	0	0	1	0	3	1	0	0	0	0	0			
05:00	29	31.5	26.5	4.9	0	0	2	9	13	3	1	2	0	0	0	0			
06:00	47	30.8	25.5	5.2	0	0	7	16	14	9	1	0	0	0	0	0			
07:00	109	29.2	25.0	4.0	0	1	18	78	85	16	1	0	0	0	0	0			
08:00	166	28.2	24.3	3.8	0	1	39	161	140	14	1	0	0	0	0	0			
09:00	311	28.1	24.0	4.0	1	1	40	150	109	15	0	0	0	0	0	0			
10:00	319	27.7	23.4	4.2	0	9	49	149	100	12	0	0	0	0	0	0			
11:00	310	26.8	22.7	3.9	1	7	57	162	79	4	0	0	0	0	0	0			
12:00	325	27.5	23.4	4.0	1	5	47	162	100	16	0	0	0	0	0	0			
13:00	321	27.4	23.5	3.8	0	2	45	173	94	6	0	0	1	0	0	0			
14:00	316	27.6	24.1	3.6	1	3	26	158	121	7	0	0	0	0	0	0			
15:00	378	27.2	23.5	3.6	0	3	49	204	114	7	1	0	0	0	0	0			
16:00	421	27.6	23.5	4.0	0	9	56	220	131	11	1	0	0	0	0	0			
17:00	305	28.5	24.3	4.1	0	4	43	160	135	23	0	0	0	0	0	0			
18:00	241	28.6	24.9	3.6	0	1	14	130	102	14	0	0	0	0	0	0			
19:00	184	29.7	25.5	4.1	0	0	15	65	87	15	1	0	0	0	0	0			
20:00	138	30.3	25.6	4.6	0	1	9	57	50	17	4	0	0	0	0	0			
21:00	66	32.3	26.4	5.7	0	0	6	23	24	6	6	1	0	0	0	0			
22:00	38	32.3	26.8	5.2	0	0	3	9	20	3	2	1	0	0	0	0			
23:00	17	29.7	25.9	4.7	0	0	2	8	4	3	0	0	0	0	0	0			
Total	629	27.3	23.1	4.1	1	16	106	311	179	15	0	0	0	0	0	0			
2H(14-16)	604	27.5	23.8	3.6	1	6	75	362	235	14	1	0	0	0	0	0			
12H(7-19)	4602	27.9	23.8	3.9	4	45	485	1877	1304	141	5	0	1	0	0	0			
24H(0-24)	4602	28.3	24.1	4.1	4	46	580	2008	1326	202	22	3	1	0	0	0			
AM Peak	08:00	00:00	02:00	04:00	09:00	10:00	11:00	11:00	08:00	07:00	06:00	00:00	00:00	00:00	00:00	00:00			
	166	35.4	32.5	5.5	1	9	57	162	140	14	2	0	0	0	0	0			
PM Peak	16:00	21:00	22:00	21:00	12:00	16:00	16:00	16:00	17:00	17:00	21:00	19:00	13:00	12:00	12:00	12:00			
	421	32.3	28.8	5.7	1	8	58	230	135	23	6	1	1	0	0	0			

360 TSL Ltd

Direction: Westbound

04/05/2022																			
Hour Beginning	Total Volume	ECN Percentage	Mean Average	Standard Deviation	Bin 1 10-15min	Bin 2 15-20	Bin 3 20-25	Bin 4 25-30	Bin 5 30-35	Bin 6 35-40	Bin 7 40-45	Bin 8 45-50	Bin 9 50-55	Bin 10 55-60	Bin 11 60-65	Bin 12 65-70			
00:00	8	31.2	26.9	4.2	0	0	0	3	3	2	0	0	0	0	0	0			
01:00	2	33.7	30.0	3.5	0	0	0	0	1	1	0	0	0	0	0	0			
02:00	0	-	0	-	0	0	0	0	0	0	0	0	0	0	0	0			
03:00	2	34.4	37.5	7.1	0	0	0	0	1	0	1	0	0	0	0	0			
04:00	4	35.3	28.8	6.3	0	0	0	1	2	0	1	0	0	0	0	0			
05:00	11	30.6	29.2	5.2	0	0	2	9	4	2	0	0	0	0	0	0			
06:00	41	31.5	27.4	4.8	0	0	1	15	11	12	2	0	0	0	0	0			
07:00	151	29.1	24.8	4.2	0	2	12	69	53	14	1	0	0	0	0	0			
08:00	285	28.3	23.9	4.3	1	6	33	133	96	12	0	0	0	0	0	0			
09:00	314	28.4	24.1	4.1	1	4	35	148	106	20	0	0	0	0	0	0			
10:00	318	27.6	23.2	4.2	2	3	51	175	76	12	0	0	0	0	0	0			
11:00	375	27.0	22.8	4.1	1	8	69	204	76	17	0	0	0	0	0	0			
12:00	358	28.0	23.7	5.2	0	5	64	159	125	12	1	0	0	0	0	0			
13:00	337	28.2	23.7	4.3	1	4	54	153	104	20	1	0	0	0	0	0			
14:00	366	28.2	23.9	4.2	1	4	45	182	114	16	4	0	0	0	0	0			
15:00	433	27.4	23.1	4.3	0	7	82	189	123	11	1	0	0	0	0	0			
16:00	399	28.0	23.5	4.4	0	10	66	183	119	19	2	0	0	0	0	0			
17:00	458	29.3	24.9	4.2	0	3	41	202	157	42	3	1	0	0	0	0			
18:00	282	30.6	26.0	4.4	0	1	21	92	122	22	3	1	0	0	0	0			
19:00	204	29.8	25.0	4.6	1	0	23	80	76	21	2	1	0	0	0	0			
20:00	131	31.6	26.3	5.2	0	2	11	38	51	25	3	1	0	0	0	0			
21:00	79	32.6	26.9	5.4	0	0	7	24	24	20	3	1	0	0	0	0			
22:00	14	34.2	28.8	5.2	0	0	3	8	25	14	1	0	0	0	0	0			
23:00	14	33.3	26.8	4.3	0	0	1	3	7	3	0	0	0	0	0	0			
Total	693	27.3	23.0	4.2	3	11	120	375	152	29	3	0	0	0	0	0			
2H(14-16)	779	27.8	23.5	4.2	1	11	127	371	237	27	5	0	0	0	0	0			
12H(7-19)	4056	28.4	23.9	4.4	7	57	573	1884	1273	237	21	2	0	0	0	0			
24H(0-24)	4056	28.9	24.2	4.5	8	58	620	2060	1477	338	35	7	0	0	0	0			
AM Peak	11:00	04:00	01:00	03:00	10:00	11:00	11:00	11:00	09:00	09:00	10:00	00:00	00:00	00:00	00:00	00:00			
	175	35.3	36.8	7.1	2	8	69	204	106	29	3	0	0	0	0	0			
PM Peak	17:00	22:00	23:00	21:00	13:00	16:00	15:00	17:00	17:00	14:00	22:00	13:00	12:00	12:00	12:00	12:00			
	458	34.3	28.8	5.4	1	10	82	202	157	42	6	2	0	0	0	0			

360 TSL Ltd

Direction: Total Flow

Hour	Total	Vol	ECN	Mean	Standard	Bin 1	Bin 2	Bin 3	Bin 4	Bin 5	Bin 6	Bin 7	Bin 8	Bin 9	Bin 10	Bin 11	Bin 12
Beginning	Volume	Percentage	Average	Deviation	10-15min	15-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60-65	65-70	
00:00	15	33.4	28.5	4.7	0	0	0	4	5	5	1	0	0	0	0	0	
01:00	5	31.2	27.5	3.5	0	0	0	1	3	1	0	0	0	0	0	0	
02:00	1	-	33.5	-	0	0	0	0	0	1	0	0	0	0	0	0	
03:00	7	30.0	26.1	3.8	0	0	0	3	3	1	0	0	0	0	0	0	
04:00	9	33.3	27.5	5.6	0	0	1	1	1	1	0	0	0	0	0	0	
05:00	40	31.2	26.1	4.9	0	0	0	4	12	17	1	1	0	0	0	0	
06:00	88	31.7	26.4	5.1	0	0	0	8	35	25	21	3	0	0	0	0	
07:00	103	31.8	42.1	6.3	0	0	3	30	147	247	178	10	0	0	0	0	
08:00	641	28.3	34.1	4.0	1	7	72	204	238	238	236	3	0	0	0	0	
09:00	1040	28.0	40.0	4.3	2	5	75	209	300	300	245	1	0	0	0	0	
10:00	637	27.7	23.3	4.2	2	12	200	200	176	24	3	0	0	0	0	0	
11:00	627	27.8	22.8	4.2	2	18	200	200	185	26	10	0	0	0	0	0	
12:00	383	28.4	23.6	4.6	1	10	111	321	215	23	0	0	0	0	0	2	
13:00	658	27.8	23.6	4.1	1	6	99	326	198	26	1	0	0	0	0	0	
14:00	662	26.0	33.9	2	7	71	364	205	215	23	0	0	0	0	0	0	
15:00	791	27.3	33.3	3.9	0	0	10	331	303	237	18	0	0	0	0	0	
16:00	785	26.5	42.2	4.0	0	0	18	224	128	32	0	0	0	0	0	0	
17:00	823	28.9	24.6	4.2	0	7	84	361	302	65	3	1	0	0	0	0	
18:00	723	29.3	26.7	4.0	0	3	25	305	224	56	3	0	0	0	0	0	
19:00	388	28.8	25.2	4.4	1	0	8	140	163	36	3	2	0	0	0	0	
20:00	269	33.0	23.9	4.9	0	0	3	20	95	101	42	7	1	0	0	0	
21:00	344	32.4	23.7	5.5	0	0	13	47	48	36	26	3	0	0	0	0	
22:00	92	33.4	28.0	5.2	0	0	5	17	45	17	5	0	0	0	0	0	
23:00	31	30.5	25.7	4.6	0	0	0	13	11	6	0	0	0	0	0	0	
Total																	
2020-12-31	1322	27.3	23.0	4.1	4	27	226	686	331	45	0	0	0	0	0	0	
2021-01-01	473	27.7	23.6	3.9	2	17	202	733	477	478	36	0	0	0	0	0	
2021-01-02	281	28.9	23.9	4.2	11	302	302	302	302	2	1	0	0	0	0	0	
2021-01-03	9008	26.8	34.1	4.3	12	305	1150	4128	3003	540	57	10	1	0	0	0	
Avg	1100	28.0	23.0	4.0	0.00	0.00	11.00	11.00	11.00	3.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Std	15.0	1.5	0.8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Min	10.0	22.00	21.00	11.00	14.00	3	16.00	15.00	15.00	17	37.00	21.00	22.00	13.00	12.00	12.00	12.00
Max	123	33.5	28.0	5.6	10	331	303	302	45	0	0	0	0	0	0	0	0



North Wales ATC 6, A547 Market Street



Direction: Eastbound

Hour Beginning	Thu 05/05/2022	Fri 06/05/2022	Sat 07/05/2022	Sun 08/05/2022	Mon 09/05/2022	Tue 10/05/2022	Wed 11/05/2022	5-Day Ave.	7-Day Ave.
00:00	3	5	12	28	6	2	7	5	9
01:00	3	5	7	13	5	0	3	3	5
02:00	0	1	2	5	3	0	1	1	2
03:00	4	4	2	2	1	3	6	4	3
04:00	3	6	5	6	4	5	5	5	5
05:00	30	22	12	7	33	26	24	27	22
06:00	74	56	25	17	72	64	54	64	52
07:00	200	185	91	52	199	203	221	202	164
08:00	370	340	191	90	333	335	318	339	282
09:00	293	314	306	162	278	302	299	297	279
10:00	293	320	320	272	321	299	304	307	304
11:00	322	351	395	338	315	320	340	330	340
12:00	390	347	389	355	366	344	376	365	367
13:00	341	383	387	340	347	345	315	346	351
14:00	342	397	370	318	338	335	377	358	354
15:00	424	421	314	307	367	375	355	388	366
16:00	442	449	329	220	351	371	388	400	364
17:00	404	332	321	195	357	355	358	361	332
18:00	251	309	247	146	266	261	255	268	248
19:00	187	185	201	122	155	177	210	183	177
20:00	147	130	136	73	126	132	180	143	132
21:00	102	86	86	49	62	68	110	86	80
22:00	44	62	52	31	32	37	60	47	45
23:00	17	26	24	14	8	18	39	22	21
Total									
12H(7-19)	4072	4148	3660	2796	3838	3845	3906	3962	3752
16H(6-22)	4582	4605	4108	3057	4253	4286	4460	4437	4193
18H(6-24)	4643	4693	4184	3102	4293	4341	4559	4506	4259
24H(0-24)	4686	4736	4224	3163	4345	4377	4605	4550	4305
AM Peak	08:00	11:00	11:00	11:00	08:00	08:00	11:00	08:00	11:00
	370	351	395	338	333	335	340	339	340
PM Peak	16:00	16:00	12:00	12:00	15:00	15:00	16:00	16:00	12:00
	442	449	389	356	367	375	388	400	367

360 TSL Ltd

Direction: Westbound

Hour Beginning	Thu 05/05/2022	Fri 06/05/2022	Sat 07/05/2022	Sun 08/05/2022	Mon 09/05/2022	Tue 10/05/2022	Wed 11/05/2022	5-Day Ave.	7-Day Ave.
00:00	5	4	17	25	9	4	5	5	10
01:00	2	4	7	9	5	5	1	3	5
02:00	3	1	2	6	3	4	2	3	3
03:00	1	3	2	8	0	3	7	3	3
04:00	4	5	2	7	5	4	6	5	5
05:00	10	10	8	4	12	11	11	11	9
06:00	43	50	24	17	41	54	47	47	39
07:00	165	149	91	41	158	157	137	153	128
08:00	291	286	202	84	302	302	259	288	247
09:00	312	314	269	150	330	317	330	321	289
10:00	359	358	385	288	321	353	374	353	348
11:00	379	364	520	341	316	367	392	364	383
12:00	332	354	418	383	365	369	328	350	364
13:00	365	375	431	367	330	335	318	345	360
14:00	365	370	346	368	346	337	335	351	352
15:00	397	442	313	329	410	367	387	401	378
16:00	439	497	336	249	382	422	390	426	388
17:00	443	479	299	164	420	403	345	418	365
18:00	300	324	235	143	249	266	280	284	257
19:00	208	256	203	104	209	177	190	208	192
20:00	156	146	125	77	130	119	238	158	142
21:00	112	98	94	68	70	100	149	106	99
22:00	70	59	64	30	38	40	95	60	57
23:00	24	34	34	14	19	12	37	25	25
Total									
12H(7-19)	4147	4312	3845	2907	3929	3995	3875	4052	3859
16H(6-22)	4666	4862	4291	3173	4379	4445	4499	4570	4331
18H(6-24)	4760	4955	4389	3217	4436	4497	4631	4656	4412
24H(0-24)	4785	4982	4427	3276	4470	4528	4663	4686	4447
AM Peak	11:00	11:00	11:00	11:00	09:00	11:00	11:00	11:00	11:00
	379	364	520	341	330	367	392	364	383
PM Peak	17:00	16:00	13:00	12:00	17:00	16:00	16:00	16:00	16:00
	443	497	431	383	420	422	390	426	388

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Thu 05/05/2022	Fri 06/05/2022	Sat 07/05/2022	Sun 08/05/2022	Mon 09/05/2022	Tue 10/05/2022	Wed 11/05/2022	5-Day Ave.	7-Day Ave.
00:00	8	9	29	53	15	6	12	10	19
01:00	5	9	14	22	10	5	4	7	10
02:00	3	2	4	11	6	4	3	4	5
03:00	5	7	4	10	1	6	13	6	7
04:00	7	11	7	13	9	9	11	9	10
05:00	40	32	20	11	45	37	35	38	31
06:00	117	106	49	34	113	118	101	111	91
07:00	365	334	182	93	357	360	358	355	293
08:00	661	626	393	174	635	637	577	627	529
09:00	605	628	575	312	608	619	629	618	568
10:00	652	678	705	560	642	652	678	660	652
11:00	701	715	915	679	631	687	732	693	723
12:00	722	701	807	739	731	713	704	714	731
13:00	706	758	818	707	677	680	633	691	711
14:00	707	767	716	686	684	672	712	708	706
15:00	821	863	627	636	777	742	742	789	744
16:00	881	946	665	469	733	793	778	826	752
17:00	847	811	620	350	777	758	703	779	696
18:00	551	633	482	289	515	527	535	552	505
19:00	395	441	404	226	364	354	400	391	369
20:00	303	276	261	150	256	251	418	301	274
21:00	214	184	180	117	132	168	259	191	179
22:00	114	121	116	61	70	77	155	107	102
23:00	41	60	58	28	27	30	76	47	46
Total									
12H(7-19)	8219	8460	7505	5703	7767	7840	7781	8013	7611
16H(6-22)	9248	9467	8399	6230	8632	8731	8959	9007	8524
18H(6-24)	9403	9648	8573	6319	8729	8838	9190	9162	8671
24H(0-24)	9471	9718	8651	6439	8815	8905	9268	9235	8752
AM Peak	11:00	11:00	11:00	11:00	10:00	11:00	11:00	11:00	11:00
	701	715	915	679	642	687	732	693	723
PM Peak	16:00	16:00	13:00	12:00	15:00	16:00	16:00	16:00	16:00
	881	946	818	739	777	793	778	826	752

360 TSL Ltd



North Wales ATC 6, A547 Market Street

Direction: Eastbound

	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 5 May 2022	4686	4167	433	10	76
Fri 6 May 2022	4736	4262	398	5	71
Sat 7 May 2022	4224	3887	275	7	55
Sun 8 May 2022	3163	2934	192	8	29
Mon 9 May 2022	4345	3913	369	8	55
Tue 10 May 2022	4377	3893	405	4	75
Wed 11 May 2022	4605	4114	411	9	71
5 Day Ave.	4550	4070	403	7	70
7 Day Ave.	4305	3881	355	7	62

Direction: Westbound

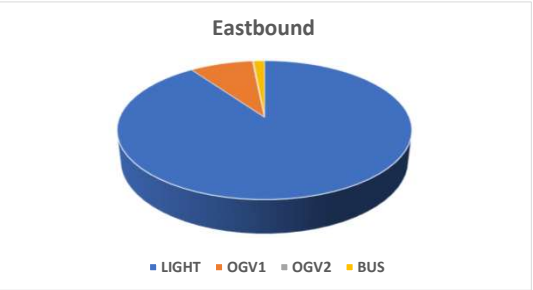
	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 5 May 2022	4785	4168	540	4	73
Fri 6 May 2022	4982	4405	504	2	71
Sat 7 May 2022	4427	3995	367	5	60
Sun 8 May 2022	3276	2978	257	7	34
Mon 9 May 2022	4470	3932	460	9	69
Tue 10 May 2022	4528	3953	500	1	74
Wed 11 May 2022	4663	4109	489	4	61
5 Day Ave.	4686	4113	499	4	70
7 Day Ave.	4447	3934	445	5	63

Direction: Total Flow

	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 5 May 2022	9471	8335	973	14	149
Fri 6 May 2022	9718	8667	902	7	142
Sat 7 May 2022	8651	7882	642	12	115
Sun 8 May 2022	6439	5912	449	15	63
Mon 9 May 2022	8815	7845	829	17	124
Tue 10 May 2022	8905	7846	905	5	149
Wed 11 May 2022	9268	8223	900	13	132
5 Day Ave.	9235	8183	902	11	139
7 Day Ave.	8752	7816	800	12	125

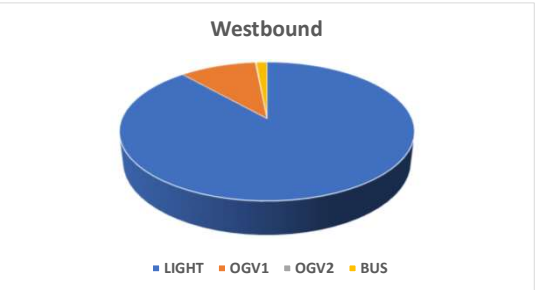
	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 5 May 2022	100.0%	88.9%	9.2%	0.2%	1.6%
Fri 6 May 2022	100.0%	90.0%	8.4%	0.1%	1.5%
Sat 7 May 2022	100.0%	92.0%	6.5%	0.2%	1.3%
Sun 8 May 2022	100.0%	92.8%	6.1%	0.3%	0.9%
Mon 9 May 2022	100.0%	90.1%	8.5%	0.2%	1.3%
Tue 10 May 2022	100.0%	88.9%	9.3%	0.1%	1.7%
Wed 11 May 2022	100.0%	89.3%	8.9%	0.2%	1.5%
5 Day Ave.	100.0%	89.5%	8.9%	0.2%	1.5%
7 Day Ave.	100.0%	90.2%	8.2%	0.2%	1.4%

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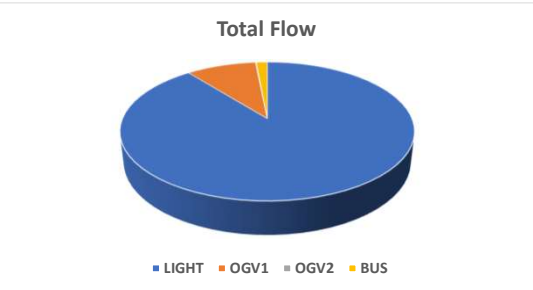
	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 5 May 2022	100.0%	87.1%	11.3%	0.1%	1.5%
Fri 6 May 2022	100.0%	88.4%	10.1%	0.0%	1.4%
Sat 7 May 2022	100.0%	90.2%	8.3%	0.1%	1.4%
Sun 8 May 2022	100.0%	90.9%	7.8%	0.2%	1.0%
Mon 9 May 2022	100.0%	88.0%	10.3%	0.2%	1.5%
Tue 10 May 2022	100.0%	87.3%	11.0%	0.0%	1.6%
Wed 11 May 2022	100.0%	88.1%	10.5%	0.1%	1.3%
5 Day Ave.	100.0%	87.8%	10.6%	0.1%	1.5%
7 Day Ave.	100.0%	88.5%	10.0%	0.1%	1.4%

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	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 5 May 2022	100.0%	88.0%	10.3%	0.1%	1.6%
Fri 6 May 2022	100.0%	89.2%	9.3%	0.1%	1.5%
Sat 7 May 2022	100.0%	91.1%	7.4%	0.1%	1.3%
Sun 8 May 2022	100.0%	91.8%	7.0%	0.2%	1.0%
Mon 9 May 2022	100.0%	89.0%	9.4%	0.2%	1.4%
Tue 10 May 2022	100.0%	88.1%	10.2%	0.1%	1.7%
Wed 11 May 2022	100.0%	88.7%	9.7%	0.1%	1.4%
5 Day Ave.	100.0%	88.6%	9.8%	0.1%	1.5%
7 Day Ave.	100.0%	89.3%	9.1%	0.1%	1.4%

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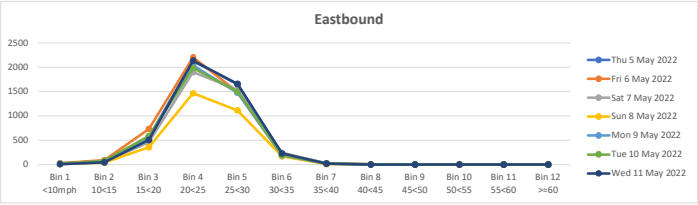


North Wales ATC 6, A547 Market Street

Direction: Eastbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<15	Bin 3 15<20	Bin 4 20<25	Bin 5 25<30	Bin 6 30<35	Bin 7 35<40	Bin 8 40<45	Bin 9 45<50	Bin 10 50<55	Bin 11 55<60	Bin 12 >=60
Thu 5 May 2022	4686	28.4	24.0	4.3	23	73	567	2127	1651	219	23	3	0	0	0	0
Fri 6 May 2022	4736	27.9	23.5	4.3	25	90	732	2202	1495	177	12	3	0	0	0	0
Sat 7 May 2022	4224	28.7	24.3	4.2	7	50	459	1901	1540	240	22	1	3	1	0	0
Sun 8 May 2022	3163	28.5	24.2	4.2	11	35	355	1464	1113	170	11	4	0	0	0	0
Mon 9 May 2022	4345	28.1	23.9	4.1	12	44	566	2040	1476	188	19	0	0	0	0	0
Tue 10 May 2022	4377	28.3	23.9	4.2	13	74	586	1987	1501	195	19	2	0	0	0	0
Wed 11 May 2022	4605	28.4	24.2	4.1	10	46	506	2136	1658	227	21	1	0	0	0	0
5 Day Ave.	4550	28.2	23.9	4.2	17	65	591	2098	1556	201	19	2	0	0	0	0
7 Day Ave.	4305	28.3	24.0	4.2	14	59	539	1980	1491	202	18	2	0	0	0	0

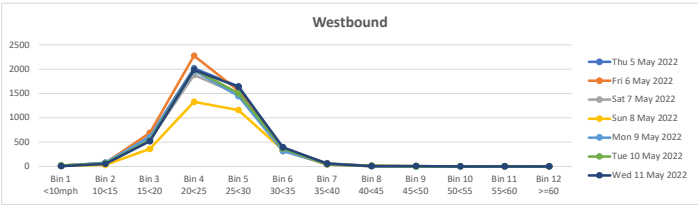
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Direction: Westbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<15	Bin 3 15<20	Bin 4 20<25	Bin 5 25<30	Bin 6 30<35	Bin 7 35<40	Bin 8 40<45	Bin 9 45<50	Bin 10 50<55	Bin 11 55<60	Bin 12 >=60
Thu 5 May 2022	4785	29.3	24.4	4.7	14	60	614	2221	1645	358	58	9	5	1	0	0
Fri 6 May 2022	4982	28.6	24.0	4.5	12	69	692	2281	1556	328	38	5	0	0	0	1
Sat 7 May 2022	4427	29.3	24.4	4.7	15	66	547	1881	1489	360	61	5	3	0	0	0
Sun 8 May 2022	3276	29.8	24.9	4.7	8	28	358	1328	1160	332	52	8	2	0	0	0
Mon 9 May 2022	4470	28.9	24.1	4.6	5	78	601	1974	1446	312	48	5	0	0	1	0
Tue 10 May 2022	4528	29.2	24.4	4.6	20	59	536	1992	1505	363	38	13	0	0	2	0
Wed 11 May 2022	4663	29.3	24.6	4.5	5	54	517	1991	1638	393	55	5	5	0	0	0
5 Day Ave.	4686	29.1	24.3	4.6	11	64	592	2052	1558	351	47	7	2	0	1	0
7 Day Ave.	4447	29.2	24.4	4.6	11	59	552	1924	1491	349	50	7	2	0	0	0

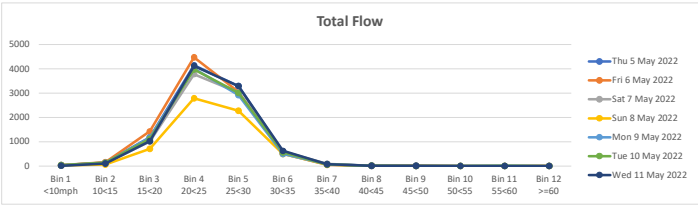
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Direction: Total Flow

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<15	Bin 3 15<20	Bin 4 20<25	Bin 5 25<30	Bin 6 30<35	Bin 7 35<40	Bin 8 40<45	Bin 9 45<50	Bin 10 50<55	Bin 11 55<60	Bin 12 >=60
Thu 5 May 2022	9471	28.8	24.2	4.5	37	133	1181	4148	3296	577	81	12	5	1	0	0
Fri 6 May 2022	9718	28.3	23.7	4.4	37	159	1424	4483	3051	505	50	8	0	0	0	1
Sat 7 May 2022	8651	29.0	24.4	4.5	22	116	1006	3782	3029	600	83	6	6	1	0	0
Sun 8 May 2022	6439	29.2	24.5	4.5	19	63	713	2792	2273	502	63	12	2	0	0	0
Mon 9 May 2022	8815	28.5	24.0	4.3	17	122	1167	4014	2922	500	67	5	0	0	1	0
Tue 10 May 2022	8905	28.7	24.1	4.5	33	133	1122	3979	3006	558	57	15	0	0	2	0
Wed 11 May 2022	9268	28.9	24.4	4.3	15	100	1023	4127	3296	620	76	6	5	0	0	0
5 Day Ave.	9235	28.7	24.1	4.4	28	129	1183	4150	3114	552	66	9	2	0	1	0
7 Day Ave.	8752	28.8	24.2	4.4	26	118	1091	3904	2982	552	68	9	3	0	0	0

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## North Wales ATC 6, A547 Market Street

Direction: Eastbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<15	Bin 3 15<20	Bin 4 20<25	Bin 5 25<30	Bin 6 30<35	Bin 7 35<40	Bin 8 40<45	Bin 9 45<50	Bin 10 50<55	Bin 11 55<60	Bin 12 >=60
Thu 5 May 2022	615	27.4	23.3	4.0	2	9	91	321	169	23	0	0	0	0	0	0
Fri 6 May 2022	671	27.1	22.7	4.2	4	16	132	329	173	17	0	0	0	0	0	0
Sat 7 May 2022	715	27.4	23.5	3.7	0	6	102	369	217	21	0	0	0	0	0	0
Sun 8 May 2022	610	28.2	23.9	4.1	2	8	75	284	216	23	1	1	0	0	0	0
Mon 9 May 2022	636	27.2	23.2	3.8	4	8	84	352	172	16	0	0	0	0	0	0
Tue 10 May 2022	619	27.1	23.1	3.9	1	9	105	326	158	20	0	0	0	0	0	0
Wed 11 May 2022	644	27.5	23.4	3.9	2	7	91	338	181	25	0	0	0	0	0	0
5 Day Ave.	637	27.3	23.2	4.0	3	10	101	333	171	20	0	0	0	0	0	0
7 Day Ave.	644	27.4	23.3	3.9	2	9	97	331	184	21	0	0	0	0	0	0

360 TSL Ltd

Direction: Westbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<15	Bin 3 15<20	Bin 4 20<25	Bin 5 25<30	Bin 6 30<35	Bin 7 35<40	Bin 8 40<45	Bin 9 45<50	Bin 10 50<55	Bin 11 55<60	Bin 12 >=60
Thu 5 May 2022	738	28.6	23.8	4.6	3	14	97	352	227	37	5	0	3	0	0	0
Fri 6 May 2022	722	27.9	23.5	4.3	2	13	115	336	222	32	2	0	0	0	0	0
Sat 7 May 2022	905	27.6	23.3	4.2	3	14	144	466	237	37	4	0	0	0	0	0
Sun 8 May 2022	629	29.1	24.3	4.6	3	11	82	247	237	43	5	1	0	0	0	0
Mon 9 May 2022	637	27.7	23.5	4.1	1	11	93	316	188	27	1	0	0	0	0	0
Tue 10 May 2022	720	28.1	23.6	4.4	6	8	102	353	207	41	3	0	0	0	0	0
Wed 11 May 2022	766	28.3	23.6	4.5	2	16	113	369	225	34	4	0	3	0	0	0
5 Day Ave.	717	28.1	23.6	4.4	3	12	104	345	214	34	3	0	1	0	0	0
7 Day Ave.	731	28.2	23.7	4.4	3	12	107	348	220	36	3	0	1	0	0	0

360 TSL Ltd

Direction: Total Flow

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<15	Bin 3 15<20	Bin 4 20<25	Bin 5 25<30	Bin 6 30<35	Bin 7 35<40	Bin 8 40<45	Bin 9 45<50	Bin 10 50<55	Bin 11 55<60	Bin 12 >=60
Thu 5 May 2022	1353	28.1	23.6	4.3	5	23	188	673	396	60	5	0	3	0	0	0
Fri 6 May 2022	1393	27.5	23.1	4.2	6	29	247	665	395	49	2	0	0	0	0	0
Sat 7 May 2022	1620	27.5	23.4	4.0	3	20	246	835	454	58	4	0	0	0	0	0
Sun 8 May 2022	1239	28.7	24.1	4.4	5	19	157	531	453	66	6	2	0	0	0	0
Mon 9 May 2022	1273	27.5	23.4	4.0	5	19	177	668	360	43	1	0	0	0	0	0
Tue 10 May 2022	1339	27.7	23.4	4.2	7	17	207	679	365	61	3	0	0	0	0	0
Wed 11 May 2022	1410	27.9	23.5	4.3	4	23	204	707	406	59	4	0	3	0	0	0
5 Day Ave.	1354	27.7	23.4	4.2	5	22	205	678	384	54	3	0	1	0	0	0
7 Day Ave.	1375	27.8	23.5	4.2	5	21	204	680	404	57	4	0	1	0	0	0

360 TSL Ltd



## North Wales ATC 6, A547 Market Street

Direction: Eastbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<15	Bin 3 15<20	Bin 4 20<25	Bin 5 25<30	Bin 6 30<35	Bin 7 35<40	Bin 8 40<45	Bin 9 45<50	Bin 10 50<55	Bin 11 55<60	Bin 12 >=60
Thu 5 May 2022	766	27.4	23.4	3.8	1	9	116	387	236	15	2	0	0	0	0	0
Fri 6 May 2022	818	26.7	22.3	4.3	10	34	150	422	191	11	0	0	0	0	0	0
Sat 7 May 2022	684	28.0	23.9	4.0	1	15	70	332	241	23	2	0	0	0	0	0
Sun 8 May 2022	625	27.6	23.8	3.7	1	4	71	326	203	20	0	0	0	0	0	0
Mon 9 May 2022	705	27.2	23.2	3.9	1	7	135	334	213	14	1	0	0	0	0	0
Tue 10 May 2022	710	27.3	23.1	4.0	2	15	116	351	213	12	1	0	0	0	0	0
Wed 11 May 2022	732	27.7	23.7	3.9	3	8	85	374	239	22	1	0	0	0	0	0
5 Day Ave.	746	27.3	23.1	4.0	3	15	120	374	218	15	1	0	0	0	0	0
7 Day Ave.	720	27.4	23.3	3.9	3	13	106	361	219	17	1	0	0	0	0	0

360 TSL Ltd

Direction: Westbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<15	Bin 3 15<20	Bin 4 20<25	Bin 5 25<30	Bin 6 30<35	Bin 7 35<40	Bin 8 40<45	Bin 9 45<50	Bin 10 50<55	Bin 11 55<60	Bin 12 >=60
Thu 5 May 2022	762	28.2	23.7	4.3	1	9	126	341	242	36	7	0	0	0	0	0
Fri 6 May 2022	812	27.8	23.3	4.4	3	13	127	421	216	27	4	0	0	0	0	1
Sat 7 May 2022	659	28.8	24.1	4.6	2	17	75	293	223	43	5	1	0	0	0	0
Sun 8 May 2022	697	28.8	24.5	4.2	3	2	71	322	242	55	1	0	1	0	0	0
Mon 9 May 2022	756	27.4	23.3	4.0	0	8	142	355	229	19	3	0	0	0	0	0
Tue 10 May 2022	704	28.1	23.6	4.4	3	17	103	331	205	45	0	0	0	0	0	0
Wed 11 May 2022	722	27.7	23.7	3.9	0	4	98	371	218	28	3	0	0	0	0	0
5 Day Ave.	751	27.9	23.5	4.2	1	10	119	364	222	31	3	0	0	0	0	0
7 Day Ave.	730	28.1	23.7	4.2	2	10	106	348	225	36	3	0	0	0	0	0

360 TSL Ltd

Direction: Total Flow

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<15	Bin 3 15<20	Bin 4 20<25	Bin 5 25<30	Bin 6 30<35	Bin 7 35<40	Bin 8 40<45	Bin 9 45<50	Bin 10 50<55	Bin 11 55<60	Bin 12 >=60
Thu 5 May 2022	1528	27.8	23.6	4.1	2	18	242	728	478	51	9	0	0	0	0	0
Fri 6 May 2022	1630	27.3	22.8	4.4	13	47	277	843	407	38	4	0	0	0	0	1
Sat 7 May 2022	1343	28.4	24.0	4.3	3	32	145	625	464	66	7	1	0	0	0	0
Sun 8 May 2022	1322	28.3	24.2	4.0	4	6	142	648	445	75	1	0	1	0	0	0
Mon 9 May 2022	1461	27.3	23.2	4.0	1	15	277	689	442	33	4	0	0	0	0	0
Tue 10 May 2022	1414	27.7	23.3	4.2	5	32	219	682	418	57	1	0	0	0	0	0
Wed 11 May 2022	1454	27.7	23.7	3.9	3	12	183	745	457	50	4	0	0	0	0	0
5 Day Ave.	1497	27.6	23.3	4.1	5	25	240	737	440	46	4	0	0	0	0	0
7 Day Ave.	1450	27.8	23.5	4.1	4	23	212	709	444	53	4	0	0	0	0	0

360 TSL Ltd



North Wales ATC 6, A547 Market Street

Direction: Eastbound

Direction: Westbound

Direction: Total Flow

05/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	3	3	0	0	0
01:00	3	2	1	0	0
02:00	0	0	0	0	0
03:00	4	4	0	0	0
04:00	3	3	0	0	0
05:00	30	26	4	0	0
06:00	74	62	10	0	2
07:00	200	177	19	1	3
08:00	370	318	45	1	6
09:00	293	260	22	0	11
10:00	293	259	28	2	4
11:00	322	278	36	1	7
12:00	390	353	35	0	2
13:00	341	301	35	0	5
14:00	342	303	30	1	8
15:00	424	384	38	0	2
16:00	442	397	39	2	4
17:00	404	367	30	2	5
18:00	251	218	29	0	4
19:00	187	170	13	0	4
20:00	147	133	11	0	3
21:00	102	93	7	0	2
22:00	44	41	1	0	2
23:00	17	15	0	0	2
Total					
12H(7-19)	4072	3615	386	10	61
16H(6-22)	4582	4073	427	10	72
18H(6-24)	4643	4129	428	10	76
24H(0-24)	4686	4167	433	10	76
AM Peak	08:00	08:00	08:00	10:00	09:00
	370	318	45	2	11
PM Peak	16:00	16:00	16:00	16:00	14:00
	442	397	39	2	8

360 TSL Ltd

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	5	5	0	0	0
01:00	2	2	0	0	0
02:00	3	2	1	0	0
03:00	1	1	0	0	0
04:00	4	2	2	0	0
05:00	10	10	0	0	0
06:00	43	34	5	0	4
07:00	165	134	26	0	5
08:00	291	258	27	0	6
09:00	312	257	48	0	7
10:00	359	316	35	1	7
11:00	379	318	57	0	4
12:00	332	293	36	0	3
13:00	365	316	42	1	6
14:00	365	316	43	0	6
15:00	397	346	46	1	4
16:00	439	386	50	0	3
17:00	443	393	45	0	5
18:00	300	266	30	0	4
19:00	208	180	25	0	3
20:00	156	142	11	1	2
21:00	112	102	7	0	3
22:00	70	68	1	0	1
23:00	24	21	3	0	0
Total					
12H(7-19)	4147	3599	485	3	60
16H(6-22)	4666	4057	533	4	72
18H(6-24)	4760	4146	537	4	73
24H(0-24)	4785	4168	540	4	73
AM Peak	11:00	11:00	11:00	10:00	09:00
	379	318	57	1	7
PM Peak	17:00	17:00	16:00	13:00	13:00
	443	393	50	1	6

360 TSL Ltd

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	8	8	0	0	0
01:00	5	4	1	0	0
02:00	3	2	1	0	0
03:00	5	5	0	0	0
04:00	7	5	2	0	0
05:00	40	36	4	0	0
06:00	117	96	15	0	6
07:00	365	311	45	1	8
08:00	661	576	72	1	12
09:00	605	517	70	0	18
10:00	652	575	63	3	11
11:00	701	596	93	1	11
12:00	722	646	71	0	5
13:00	706	617	77	1	11
14:00	707	619	73	1	14
15:00	821	730	84	1	6
16:00	881	783	89	2	7
17:00	847	760	75	2	10
18:00	551	484	59	0	8
19:00	395	350	38	0	7
20:00	303	275	22	1	5
21:00	214	195	14	0	5
22:00	114	109	2	0	3
23:00	41	36	3	0	2
Total					
12H(7-19)	8219	7214	871	13	121
16H(6-22)	9248	8130	960	14	144
18H(6-24)	9403	8275	965	14	149
24H(0-24)	9471	8335	973	14	149
AM Peak	11:00	11:00	11:00	10:00	09:00
	701	596	93	3	18
PM Peak	16:00	16:00	16:00	16:00	14:00
	881	783	89	2	14

360 TSL Ltd



## North Wales ATC 6, A547 Market Street

Direction: Eastbound

06/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	5	4	1	0	0
01:00	5	5	0	0	0
02:00	1	1	0	0	0
03:00	4	2	2	0	0
04:00	6	6	0	0	0
05:00	22	17	5	0	0
06:00	56	49	4	1	2
07:00	185	150	31	0	4
08:00	340	305	29	0	6
09:00	314	274	32	0	8
10:00	320	286	30	0	4
11:00	351	308	38	0	5
12:00	347	317	26	0	4
13:00	383	348	32	0	3
14:00	397	361	29	1	6
15:00	421	385	31	2	3
16:00	449	393	45	1	10
17:00	332	310	17	0	5
18:00	309	294	12	0	3
19:00	185	167	14	0	4
20:00	130	122	7	0	1
21:00	86	77	8	0	1
22:00	62	55	5	0	2
23:00	26	26	0	0	0
Total					
12H(7-19)	4148	3731	352	4	61
16H(6-22)	4605	4146	385	5	69
18H(6-24)	4693	4227	390	5	71
24H(0-24)	4736	4262	398	5	71
AM Peak	11:00 351	11:00 308	11:00 38	06:00 1	09:00 8
PM Peak	16:00 449	16:00 393	16:00 45	15:00 2	16:00 10

360 TSL Ltd

Direction: Westbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	4	4	0	0	0
01:00	4	4	0	0	0
02:00	1	1	0	0	0
03:00	3	3	0	0	0
04:00	5	4	1	0	0
05:00	10	8	0	0	2
06:00	50	34	13	0	3
07:00	149	124	22	0	3
08:00	286	238	41	0	7
09:00	314	272	39	0	3
10:00	358	310	39	1	8
11:00	364	320	40	0	4
12:00	354	318	32	0	4
13:00	375	324	48	0	3
14:00	370	332	32	0	6
15:00	442	403	33	1	5
16:00	497	445	49	0	3
17:00	479	426	47	0	6
18:00	324	289	31	0	4
19:00	256	235	17	0	4
20:00	146	140	4	0	2
21:00	98	92	6	0	0
22:00	59	51	5	0	3
23:00	34	28	5	0	1
Total					
12H(7-19)	4312	3801	453	2	56
16H(6-22)	4862	4302	493	2	65
18H(6-24)	4955	4381	503	2	69
24H(0-24)	4982	4405	504	2	71
AM Peak	11:00 364	11:00 320	08:00 41	10:00 1	10:00 8
PM Peak	16:00 497	16:00 445	16:00 49	15:00 1	14:00 6

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	9	8	1	0	0
01:00	9	9	0	0	0
02:00	2	2	0	0	0
03:00	7	5	2	0	0
04:00	11	10	1	0	0
05:00	32	25	5	0	2
06:00	106	83	17	1	5
07:00	334	274	53	0	7
08:00	626	543	70	0	13
09:00	628	546	71	0	11
10:00	678	596	69	1	12
11:00	715	628	78	0	9
12:00	701	635	58	0	8
13:00	758	672	80	0	6
14:00	767	693	61	1	12
15:00	863	788	64	3	8
16:00	946	838	94	1	13
17:00	811	736	64	0	11
18:00	633	583	43	0	7
19:00	441	402	31	0	8
20:00	276	262	11	0	3
21:00	184	169	14	0	1
22:00	121	106	10	0	5
23:00	60	54	5	0	1
Total					
12H(7-19)	8460	7532	805	6	117
16H(6-22)	9467	8448	878	7	134
18H(6-24)	9648	8608	893	7	140
24H(0-24)	9718	8667	902	7	142
AM Peak	11:00 715	11:00 628	11:00 78	06:00 1	08:00 13
PM Peak	16:00 946	16:00 838	16:00 94	15:00 3	16:00 13

360 TSL Ltd



## North Wales ATC 6, A547 Market Street

Direction: Eastbound

07/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	12	11	1	0	0
01:00	7	6	1	0	0
02:00	2	2	0	0	0
03:00	2	1	1	0	0
04:00	5	5	0	0	0
05:00	12	9	3	0	0
06:00	25	20	4	0	1
07:00	91	76	10	0	5
08:00	191	178	10	1	2
09:00	306	283	18	0	5
10:00	320	287	29	1	3
11:00	395	362	28	0	5
12:00	389	365	19	0	5
13:00	387	359	21	2	5
14:00	370	347	18	1	4
15:00	314	291	18	2	3
16:00	329	303	22	0	4
17:00	321	295	24	0	2
18:00	247	231	15	0	1
19:00	201	184	13	0	4
20:00	136	124	9	0	3
21:00	86	79	6	0	1
22:00	52	47	4	0	1
23:00	24	22	1	0	1
Total					
12H(7-19)	3660	3377	232	7	44
16H(6-22)	4108	3784	264	7	53
18H(6-24)	4184	3853	269	7	55
24H(0-24)	4224	3887	275	7	55
AM Peak	11:00 395	11:00 362	10:00 29	08:00 1	07:00 5
PM Peak	12:00 389	12:00 365	17:00 24	13:00 2	12:00 5

360 TSL Ltd

Direction: Westbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	17	16	1	0	0
01:00	7	6	1	0	0
02:00	2	2	0	0	0
03:00	2	1	1	0	0
04:00	2	2	0	0	0
05:00	8	6	2	0	0
06:00	24	20	1	0	3
07:00	91	75	10	0	6
08:00	202	172	26	0	4
09:00	269	236	29	1	3
10:00	385	352	28	1	4
11:00	520	471	41	1	7
12:00	418	376	38	0	4
13:00	431	391	36	1	3
14:00	346	316	26	0	4
15:00	313	285	24	0	4
16:00	336	315	17	0	4
17:00	299	269	24	0	6
18:00	235	210	22	0	3
19:00	203	182	20	0	1
20:00	125	111	13	0	1
21:00	94	90	3	0	1
22:00	64	60	3	1	0
23:00	34	31	1	0	2
Total					
12H(7-19)	3845	3468	321	4	52
16H(6-22)	4291	3871	358	4	58
18H(6-24)	4389	3962	362	5	60
24H(0-24)	4427	3995	367	5	60
AM Peak	11:00 520	11:00 471	11:00 41	09:00 1	11:00 7
PM Peak	13:00 431	13:00 391	12:00 38	13:00 1	17:00 6

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	29	27	2	0	0
01:00	14	12	2	0	0
02:00	4	4	0	0	0
03:00	4	2	2	0	0
04:00	7	7	0	0	0
05:00	20	15	5	0	0
06:00	49	40	5	0	4
07:00	182	151	20	0	11
08:00	393	350	36	1	6
09:00	575	519	47	1	8
10:00	705	639	57	2	7
11:00	915	833	69	1	12
12:00	807	741	57	0	9
13:00	818	750	57	3	8
14:00	716	663	44	1	8
15:00	627	576	42	2	7
16:00	665	618	39	0	8
17:00	620	564	48	0	8
18:00	482	441	37	0	4
19:00	404	366	33	0	5
20:00	261	235	22	0	4
21:00	180	169	9	0	2
22:00	116	107	7	1	1
23:00	58	53	2	0	3
Total					
12H(7-19)	7505	6845	553	11	96
16H(6-22)	8399	7655	622	11	111
18H(6-24)	8573	7815	631	12	115
24H(0-24)	8651	7882	642	12	115
AM Peak	11:00 915	11:00 833	11:00 69	10:00 2	11:00 12
PM Peak	13:00 818	13:00 750	12:00 57	13:00 3	12:00 9

360 TSL Ltd



## North Wales ATC 6, A547 Market Street

Direction: Eastbound

08/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	28	25	2	0	1
01:00	13	12	1	0	0
02:00	5	4	1	0	0
03:00	2	1	1	0	0
04:00	6	6	0	0	0
05:00	7	7	0	0	0
06:00	17	16	1	0	0
07:00	52	48	3	0	1
08:00	90	85	4	1	0
09:00	162	154	7	0	1
10:00	272	250	21	0	1
11:00	338	311	22	1	4
12:00	356	326	27	1	2
13:00	340	317	20	0	3
14:00	318	305	11	1	1
15:00	307	291	14	1	1
16:00	220	201	15	1	3
17:00	195	181	11	1	2
18:00	146	126	16	1	3
19:00	122	113	6	0	3
20:00	73	70	3	0	0
21:00	49	44	4	0	1
22:00	31	29	1	0	1
23:00	14	12	1	0	1
Total					
12H(7-19)	2796	2595	171	8	22
16H(6-22)	3057	2838	185	8	26
18H(6-24)	3102	2879	187	8	28
24H(0-24)	3163	2934	192	8	29
AM Peak	11:00 338	11:00 311	11:00 22	08:00 1	11:00 4
PM Peak	12:00 356	12:00 326	12:00 27	12:00 1	13:00 3

360 TSL Ltd

Direction: Westbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	25	25	0	0	0
01:00	9	7	2	0	0
02:00	6	5	1	0	0
03:00	8	7	1	0	0
04:00	7	7	0	0	0
05:00	4	4	0	0	0
06:00	17	17	0	0	0
07:00	41	35	6	0	0
08:00	84	73	9	0	2
09:00	150	127	20	1	2
10:00	288	268	18	0	2
11:00	341	315	23	0	3
12:00	383	347	31	1	4
13:00	367	335	28	1	3
14:00	368	343	23	0	2
15:00	329	294	30	2	3
16:00	249	231	13	1	4
17:00	164	152	9	1	2
18:00	143	127	13	0	3
19:00	104	89	13	0	2
20:00	77	73	3	0	1
21:00	68	58	9	0	1
22:00	30	26	4	0	0
23:00	14	13	1	0	0
Total					
12H(7-19)	2907	2647	223	7	30
16H(6-22)	3173	2884	248	7	34
18H(6-24)	3217	2923	253	7	34
24H(0-24)	3276	2978	257	7	34
AM Peak	11:00 341	11:00 315	11:00 23	09:00 1	11:00 3
PM Peak	12:00 383	12:00 347	12:00 31	15:00 2	12:00 4

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	53	50	2	0	1
01:00	22	19	3	0	0
02:00	11	9	2	0	0
03:00	10	8	2	0	0
04:00	13	13	0	0	0
05:00	11	11	0	0	0
06:00	34	33	1	0	0
07:00	93	83	9	0	1
08:00	174	158	13	1	2
09:00	312	281	27	1	3
10:00	560	518	39	0	3
11:00	679	626	45	1	7
12:00	739	673	58	2	6
13:00	707	652	48	1	6
14:00	686	648	34	1	3
15:00	636	585	44	3	4
16:00	469	432	28	2	7
17:00	359	333	20	2	4
18:00	289	253	29	1	6
19:00	226	202	19	0	5
20:00	150	143	6	0	1
21:00	117	102	13	0	2
22:00	61	55	5	0	1
23:00	28	25	2	0	1
Total					
12H(7-19)	5703	5242	394	15	52
16H(6-22)	6230	5722	433	15	60
18H(6-24)	6319	5802	440	15	62
24H(0-24)	6439	5912	449	15	63
AM Peak	11:00 679	11:00 626	11:00 45	08:00 1	11:00 7
PM Peak	12:00 739	12:00 673	12:00 58	15:00 3	16:00 7

360 TSL Ltd



## North Wales ATC 6, A547 Market Street

Direction: Eastbound

09/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	6	6	0	0	0
01:00	5	5	0	0	0
02:00	3	3	0	0	0
03:00	1	0	1	0	0
04:00	4	4	0	0	0
05:00	33	25	8	0	0
06:00	72	62	8	0	2
07:00	199	170	26	0	3
08:00	333	303	26	0	4
09:00	278	250	25	1	2
10:00	321	282	35	0	4
11:00	315	280	27	2	6
12:00	366	333	31	0	2
13:00	347	326	16	1	4
14:00	338	310	24	1	3
15:00	367	330	34	0	3
16:00	351	309	36	1	5
17:00	357	323	31	0	3
18:00	266	248	15	2	1
19:00	155	136	14	0	5
20:00	126	118	5	0	3
21:00	62	56	5	0	1
22:00	32	28	2	0	2
23:00	8	6	0	0	2
Total					
12H(7-19)	3838	3464	326	8	40
16H(6-22)	4253	3836	358	8	51
18H(6-24)	4293	3870	360	8	55
24H(0-24)	4345	3913	369	8	55
AM Peak	08:00 333	08:00 303	10:00 35	11:00 2	11:00 6
PM Peak	15:00 367	12:00 333	16:00 36	18:00 2	16:00 5

360 TSL Ltd

Direction: Westbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	9	8	1	0	0
01:00	5	5	0	0	0
02:00	3	2	1	0	0
03:00	0	0	0	0	0
04:00	5	3	2	0	0
05:00	12	11	0	0	1
06:00	41	38	3	0	0
07:00	158	133	22	0	3
08:00	302	253	39	0	10
09:00	330	281	41	1	7
10:00	321	285	27	2	7
11:00	316	278	34	0	4
12:00	365	314	43	3	5
13:00	330	286	38	0	6
14:00	346	315	28	1	2
15:00	410	360	40	1	9
16:00	382	339	38	0	5
17:00	420	371	45	0	4
18:00	249	223	24	1	1
19:00	209	189	19	0	1
20:00	130	121	9	0	0
21:00	70	64	4	0	2
22:00	38	34	2	0	2
23:00	19	19	0	0	0
Total					
12H(7-19)	3929	3438	419	9	63
16H(6-22)	4379	3850	454	9	66
18H(6-24)	4436	3903	456	9	68
24H(0-24)	4470	3932	460	9	69
AM Peak	09:00 330	10:00 285	09:00 41	10:00 2	08:00 10
PM Peak	17:00 420	17:00 371	17:00 45	12:00 3	15:00 9

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	15	14	1	0	0
01:00	10	10	0	0	0
02:00	6	5	1	0	0
03:00	1	0	1	0	0
04:00	9	7	2	0	0
05:00	45	36	8	0	1
06:00	113	100	11	0	2
07:00	357	303	48	0	6
08:00	635	556	65	0	14
09:00	608	531	66	2	9
10:00	642	567	62	2	11
11:00	631	558	61	2	10
12:00	731	647	74	3	7
13:00	677	612	54	1	10
14:00	684	625	52	2	5
15:00	777	690	74	1	12
16:00	733	648	74	1	10
17:00	777	694	76	0	7
18:00	515	471	39	3	2
19:00	364	325	33	0	6
20:00	256	239	14	0	3
21:00	132	120	9	0	3
22:00	70	62	4	0	4
23:00	27	25	0	0	2
Total					
12H(7-19)	7767	6902	745	17	103
16H(6-22)	8632	7686	812	17	117
18H(6-24)	8729	7773	816	17	123
24H(0-24)	8815	7845	829	17	124
AM Peak	10:00 642	10:00 567	09:00 66	09:00 2	08:00 14
PM Peak	15:00 777	17:00 694	17:00 76	12:00 3	15:00 12

360 TSL Ltd



## North Wales ATC 6, A547 Market Street

Direction: Eastbound

10/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	2	2	0	0	0
01:00	0	0	0	0	0
02:00	0	0	0	0	0
03:00	3	3	0	0	0
04:00	5	4	1	0	0
05:00	26	21	5	0	0
06:00	64	50	13	0	1
07:00	203	173	26	0	4
08:00	335	301	29	0	5
09:00	302	260	38	0	4
10:00	299	268	21	0	10
11:00	320	284	29	0	7
12:00	344	312	25	0	7
13:00	345	301	38	0	6
14:00	335	308	22	0	5
15:00	375	335	35	0	5
16:00	371	328	35	1	7
17:00	355	316	33	1	5
18:00	261	234	25	0	2
19:00	177	158	15	1	3
20:00	132	123	8	0	1
21:00	68	61	5	0	2
22:00	37	34	2	1	0
23:00	18	17	0	0	1
<b>Total</b>					
12H(7-19)	3845	3420	356	2	67
16H(6-22)	4286	3812	397	3	74
18H(6-24)	4341	3863	399	4	75
24H(0-24)	4377	3893	405	4	75
<b>AM Peak</b>	08:00 335	08:00 301	09:00 38	00:00 0	10:00 10
<b>PM Peak</b>	15:00 375	15:00 335	13:00 38	16:00 1	12:00 7

360 TSL Ltd

Direction: Westbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	4	4	0	0	0
01:00	5	4	1	0	0
02:00	4	3	1	0	0
03:00	3	3	0	0	0
04:00	4	3	1	0	0
05:00	11	11	0	0	0
06:00	54	44	5	0	5
07:00	157	133	21	0	3
08:00	302	264	33	1	4
09:00	317	280	31	0	6
10:00	353	294	52	0	7
11:00	367	323	38	0	6
12:00	369	329	35	0	5
13:00	335	282	44	0	9
14:00	337	297	37	0	3
15:00	367	319	41	0	7
16:00	422	368	49	0	5
17:00	403	350	47	0	6
18:00	266	241	22	0	3
19:00	177	156	19	0	2
20:00	119	105	13	0	1
21:00	100	91	8	0	1
22:00	40	38	2	0	0
23:00	12	11	0	0	1
<b>Total</b>					
12H(7-19)	3995	3480	450	1	64
16H(6-22)	4445	3876	495	1	73
18H(6-24)	4497	3925	497	1	74
24H(0-24)	4528	3953	500	1	74
<b>AM Peak</b>	11:00 367	11:00 323	10:00 52	08:00 1	10:00 7
<b>PM Peak</b>	16:00 422	16:00 368	16:00 49	12:00 0	13:00 9

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	6	6	0	0	0
01:00	5	4	1	0	0
02:00	4	3	1	0	0
03:00	6	6	0	0	0
04:00	9	7	2	0	0
05:00	37	32	5	0	0
06:00	118	94	18	0	6
07:00	360	306	47	0	7
08:00	637	565	62	1	9
09:00	619	540	69	0	10
10:00	652	562	73	0	17
11:00	687	607	67	0	13
12:00	713	641	60	0	12
13:00	680	583	82	0	15
14:00	672	605	59	0	8
15:00	742	654	76	0	12
16:00	793	696	84	1	12
17:00	758	666	80	1	11
18:00	527	475	47	0	5
19:00	354	314	34	1	5
20:00	251	228	21	0	2
21:00	168	152	13	0	3
22:00	77	72	4	1	0
23:00	30	28	0	0	2
<b>Total</b>					
12H(7-19)	7840	6900	806	3	131
16H(6-22)	8731	7688	892	4	147
18H(6-24)	8838	7788	896	5	149
24H(0-24)	8905	7846	905	5	149
<b>AM Peak</b>	11:00 687	11:00 607	10:00 73	08:00 1	10:00 17
<b>PM Peak</b>	16:00 793	16:00 696	16:00 84	16:00 1	13:00 15

360 TSL Ltd



North Wales ATC 6, A547 Market Street

Direction: Eastbound

11/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	7	5	2	0	0
01:00	3	2	1	0	0
02:00	1	1	0	0	0
03:00	6	3	3	0	0
04:00	5	5	0	0	0
05:00	24	21	3	0	0
06:00	54	46	7	0	1
07:00	221	196	23	0	2
08:00	318	294	20	2	2
09:00	299	278	20	0	1
10:00	304	266	31	2	5
11:00	340	295	34	1	10
12:00	376	337	36	0	3
13:00	315	274	35	0	6
14:00	377	316	49	3	9
15:00	355	314	37	0	4
16:00	388	347	34	0	7
17:00	358	333	21	0	4
18:00	255	230	20	0	5
19:00	210	196	11	0	3
20:00	180	168	9	0	3
21:00	110	96	12	0	2
22:00	60	56	2	0	2
23:00	39	35	1	1	2
Total					
12H(7-19)	3906	3480	360	8	58
16H(6-22)	4460	3986	399	8	67
18H(6-24)	4559	4077	402	9	71
24H(0-24)	4605	4114	411	9	71
AM Peak	11:00 340	11:00 295	11:00 34	08:00 2	11:00 10
PM Peak	16:00 388	16:00 347	14:00 49	14:00 3	14:00 9

360 TSL Ltd

Direction: Westbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	5	4	1	0	0
01:00	1	1	0	0	0
02:00	2	2	0	0	0
03:00	7	7	0	0	0
04:00	6	5	1	0	0
05:00	11	9	2	0	0
06:00	47	43	4	0	0
07:00	137	119	17	0	1
08:00	259	234	23	0	2
09:00	330	299	28	0	3
10:00	374	324	42	1	7
11:00	392	328	61	0	3
12:00	328	288	36	0	4
13:00	318	268	43	0	7
14:00	335	290	39	0	6
15:00	387	336	45	0	6
16:00	390	348	36	1	5
17:00	345	298	39	2	6
18:00	280	262	15	0	3
19:00	190	175	11	0	4
20:00	238	216	20	0	2
21:00	149	136	12	0	1
22:00	95	85	9	0	1
23:00	37	32	5	0	0
Total					
12H(7-19)	3875	3394	424	4	53
16H(6-22)	4499	3964	471	4	60
18H(6-24)	4631	4081	485	4	61
24H(0-24)	4663	4109	489	4	61
AM Peak	11:00 392	11:00 328	11:00 61	10:00 1	10:00 7
PM Peak	16:00 390	16:00 348	15:00 45	17:00 2	13:00 7

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	12	9	3	0	0
01:00	4	3	1	0	0
02:00	3	3	0	0	0
03:00	13	10	3	0	0
04:00	11	10	1	0	0
05:00	35	30	5	0	0
06:00	101	89	11	0	1
07:00	358	315	40	0	3
08:00	577	528	43	2	4
09:00	629	577	48	0	4
10:00	678	590	73	3	12
11:00	732	623	95	1	13
12:00	704	625	72	0	7
13:00	633	542	78	0	13
14:00	712	606	88	3	15
15:00	742	650	82	0	10
16:00	778	695	70	1	12
17:00	703	631	60	2	10
18:00	535	492	35	0	8
19:00	400	371	22	0	7
20:00	418	384	29	0	5
21:00	259	232	24	0	3
22:00	155	141	11	0	3
23:00	76	67	6	1	2
Total					
12H(7-19)	7781	6874	784	12	111
16H(6-22)	8959	7950	870	12	127
18H(6-24)	9190	8158	887	13	132
24H(0-24)	9268	8223	900	13	132
AM Peak	11:00 732	11:00 623	11:00 95	10:00 3	11:00 13
PM Peak	16:00 778	16:00 695	14:00 88	14:00 3	14:00 15

360 TSL Ltd



North Wales ATC 6, A547 Market Street

Direction: Eastbound

05/05/2022																
Hour Beginning	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 10-15m	Bin 2 15-15	Bin 3 15-20	Bin 4 20-25	Bin 5 25-30	Bin 6 30-35	Bin 7 35-40	Bin 8 40-45	Bin 9 45-50	Bin 10 50-55	Bin 11 55-60	Bin 12 60-65
00:00	3	32.2	25.2	2.9	0	0	0	0	0	0	0	0	0	0	0	0
01:00	3	27.2	24.2	2.9	0	0	0	2	1	0	0	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	4	38.7	33.8	4.8	0	0	0	0	1	1	2	0	0	0	0	0
04:00	3	30.2	24.2	5.8	0	0	1	0	2	0	0	0	0	0	0	0
05:00	30	34.0	27.0	6.7	0	1	2	9	11	4	1	0	0	0	0	0
06:00	74	30.8	25.7	4.9	0	1	8	21	31	12	1	0	0	0	0	0
07:00	200	28.8	24.2	4.5	1	3	24	88	68	15	1	0	0	0	0	0
08:00	370	28.8	24.1	4.5	2	11	43	151	140	22	1	0	0	0	0	0
09:00	293	27.4	23.1	4.2	2	6	56	189	89	7	4	0	0	0	0	0
10:00	293	26.8	23.0	3.7	0	3	48	169	64	9	0	0	0	0	0	0
11:00	322	28.0	23.6	4.2	2	6	43	152	105	14	0	0	0	0	0	0
12:00	390	27.7	23.9	3.7	0	5	37	205	132	10	1	0	0	0	0	0
13:00	341	28.3	23.9	4.2	2	6	39	160	118	14	2	0	0	0	0	0
14:00	342	27.3	23.5	3.7	0	2	54	165	115	6	0	0	0	0	0	0
15:00	424	27.4	23.3	3.9	1	7	62	222	121	9	2	0	0	0	0	0
16:00	442	28.0	23.0	4.5	11	8	59	206	154	10	0	0	0	0	0	0
17:00	404	28.6	24.0	4.5	2	13	45	176	143	24	1	0	0	0	0	0
18:00	251	29.3	25.1	4.0	0	1	21	96	111	21	1	0	0	0	0	0
19:00	187	29.7	25.7	3.9	0	0	12	61	99	13	1	0	0	0	0	0
20:00	147	29.7	25.4	4.1	0	0	14	49	69	14	1	0	0	0	0	0
21:00	102	29.9	25.4	4.3	0	0	9	38	45	7	3	0	0	0	0	0
22:00	44	32.6	27.4	5.0	0	0	2	11	21	7	2	1	0	0	0	0
23:00	17	28.9	25.7	3.0	0	0	0	7	9	1	0	0	0	0	0	0
Total																
2H(0-12)	615	27.4	23.3	4.0	2	9	91	321	169	23	0	0	0	0	0	0
2H(14-16)	766	27.4	23.4	3.8	1	9	116	387	236	15	2	0	0	0	0	0
12H(7-19)	4072	28.0	23.7	4.2	23	71	589	1939	1360	161	9	0	0	0	0	0
24H(0-24)	4686	28.4	24.0	4.3	23	73	567	2127	1051	219	23	3	0	0	0	0
AM Peak	08:00	03:00	03:00	05:00	08:00	08:00	09:00	10:00	08:00	08:00	05:00	05:00	00:00	00:00	00:00	00:00
	370	38.7	33.8	6.7	2	11	50	169	140	22	4	1	0	0	0	0
PM Peak	16:00	22:00	22:00	22:00	16:00	17:00	15:00	15:00	16:00	17:00	21:00	19:00	12:00	12:00	12:00	12:00
	442	32.6	27.4	5.0	13	13	62	222	124	24	3	1	0	0	0	0

360 TSL Ltd

Direction: Westbound

05/05/2022																
Hour Beginning	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 10-15m	Bin 2 15-15	Bin 3 15-20	Bin 4 20-25	Bin 5 25-30	Bin 6 30-35	Bin 7 35-40	Bin 8 40-45	Bin 9 45-50	Bin 10 50-55	Bin 11 55-60	Bin 12 60-65
00:00	5	32.8	28.5	4.2	0	0	0	1	2	2	0	0	0	0	0	0
01:00	2	28.7	25.0	3.5	0	0	0	1	0	0	0	0	0	0	0	0
02:00	3	33.7	25.8	7.6	0	0	1	0	1	1	0	0	0	0	0	0
03:00	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	4	49.0	40.0	8.7	0	0	0	0	1	0	0	2	1	0	0	0
05:00	10	37.7	32.0	5.5	0	0	0	0	2	8	3	0	0	0	0	0
06:00	43	32.6	27.3	5.1	0	1	1	11	19	8	3	0	0	0	0	0
07:00	165	30.3	25.6	4.5	0	1	11	67	64	16	6	0	0	0	0	0
08:00	291	29.3	24.6	5.2	4	5	45	81	127	27	1	0	0	0	0	0
09:00	312	29.5	24.7	4.6	2	2	33	135	102	36	2	0	0	0	0	0
10:00	359	29.9	23.9	4.8	0	10	49	167	111	17	2	0	0	0	0	0
11:00	379	28.3	23.8	4.3	3	4	48	185	116	20	3	0	0	0	0	0
12:00	332	28.3	23.9	4.3	1	5	54	151	125	16	0	0	0	0	0	0
13:00	365	28.4	23.8	4.5	2	8	43	176	119	13	1	0	0	0	0	0
14:00	365	27.9	23.7	4.0	0	3	64	154	131	13	0	0	0	0	0	0
15:00	397	28.5	23.6	4.6	1	6	52	187	111	23	7	0	0	0	0	0
16:00	439	28.3	24.0	4.1	0	3	57	210	145	19	5	0	0	0	0	0
17:00	445	28.1	23.8	4.2	0	0	65	213	152	26	2	0	0	0	0	0
18:00	300	29.7	24.9	4.6	0	4	105	118	118	31	3	0	0	0	0	0
19:00	208	31.0	26.1	4.7	0	1	19	63	86	34	5	0	0	0	0	0
20:00	156	35.6	30.5	5.0	1	1	18	57	54	4	0	0	0	0	0	0
21:00	112	31.9	26.2	5.6	0	0	7	47	39	12	4	2	0	1	0	0
22:00	70	33.6	28.1	5.3	0	0	3	10	30	11	4	1	0	0	0	0
23:00	24	34.3	27.7	6.3	0	1	0	8	6	7	1	1	0	0	0	0
Total																
2H(0-12)	738	28.6	23.8	4.6	3	14	97	352	227	37	5	0	3	0	0	0
2H(14-16)	762	28.2	23.7	4.3	1	9	126	341	242	36	7	0	0	0	0	0
12H(7-19)	4147	28.7	24.1	4.5	13	56	566	1815	1401	257	34	1	4	0	0	0
24H(0-24)	4795	29.3	24.4	4.7	14	60	614	2021	1645	358	58	6	5	1	0	0
AM Peak	11:00	04:00	04:00	04:00	08:00	10:00	10:00	11:00	08:00	09:00	07:00	04:00	10:00	00:00	00:00	00:00
	379	49.0	40.0	8.7	4	10	49	169	119	36	6	2	3	0	0	0
PM Peak	17:00	22:00	22:00	22:00	13:00	13:00	17:00	17:00	16:00	19:00	15:00	22:00	13:00	21:00	12:00	12:00
	443	34.3	28.1	6.3	2	8	65	213	145	34	7	3	1	1	0	0

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 10-15m	Bin 2 15-20m	Bin 3 20-25m	Bin 4 25-30m	Bin 5 30-35m	Bin 6 35-40m	Bin 7 40-45m	Bin 8 45-50m	Bin 9 50-55m	Bin 10 55-60m	Bin 11 60-65m	Bin 12 65-70m
00:00	8	32.4	28.8	3.5	0	0	0	1	4	3	0	0	0	0	0	0
01:00	5	27.3	24.5	2.7	0	0	0	3	2	0	0	0	0	0	0	0
02:00	3	33.7	25.8	7.6	0	0	1	0	1	1	1	0	0	0	0	0
03:00	5	38.3	31.5	6.5	0	0	0	1	1	1	2	0	0	0	0	0
04:00	7	44.6	33.2	11.0	0	0	0	1	0	1	0	2	1	0	0	0
05:00	40	35.2	28.3	6.8	0	1	2	11	11	7	7	1	0	0	0	0
06:00	117	31.5	26.8	5.0	0	2	9	32	50	20	4	0	0	0	0	0
07:00	365	29.5	24.6	4.5	1	4	35	155	132	31	7	0	0	0	0	0
08:00	665	29.3	24.3	4.8	6	16	88	232	267	49	2	1	0	0	0	0
09:00	695	28.5	23.9	4.5	4	8	83	274	181	23	2	0	0	0	0	0
10:00	652	28.0	23.5	4.4	0	13	97	336	175	26	2	0	3	0	0	0
11:00	701	28.2	23.7	4.3	5	10	92	337	221	34	3	0	0	0	0	0
12:00	722	28.0	23.9	4.0	1	10	92	336	227	26	1	0	0	0	0	0
13:00	706	28.4	23.8	4.4	4	14	81	336	237	27	5	0	0	0	0	0
14:00	707	27.6	23.6	3.9	0	5	118	319	246	19	0	0	0	0	0	0
15:00	821	28.0	23.5	4.3	2	13	124	409	232	32	9	0	0	0	0	0
16:00	881	28.2	23.7	4.3	11	11	110	416	299	29	5	0	0	0	0	0
17:00	847	28.4	23.9	4.3	2	18	110	389	275	50	3	0	0	0	0	0
18:00	551	29.5	25.0	4.3	0	5	56	295	229	52	6	0	0	0	0	0
19:00	395	30.4	25.9	4.3	0	1	31	124	185	47	6	1	0	0	0	0
20:00	303	30.1	25.3	4.6	1	1	32	106	123	35	5	0	0	0	0	0
21:00	214	31.0	25.8	5.0	0	0	16	81	84	19	5	0	0	0	0	0
22:00	134	33.2	27.9	5.1	0	0	4	26	56	18	6	0	0	0	0	0
23:00	45	33.1	28.9	5.3	0	0	1	15	15	8	1	1	0	0	0	0
Total																
2014-10-15	1338	28.1	23.6	4.3	5	23	188	673	396	60	5	0	3	0	0	0
2014-10-16	1158	27.8	23.6	4.1	2	18	242	728	478	115	4	0	0	0	0	0
2014-10-17	433	28.4	23.9	4.3	36	127	1080	176	418	39	1	0	0	0	0	0
2014-10-24	9471	28.8	24.2	4.5	37	133	1181	4148	3296	577	81	12	5	1	0	0
APM Peak	11:00	04:00	04:00	04:00	16:00	17:00	15:00	16:00	18:00	05:00	04:00	05:00	04:00	05:00	00:00	00:00
PM Peak	16:00	22:00	22:00	22:00	16:00	17:00	15:00	16:00	18:00	05:00	04:00	05:00	04:00	05:00	00:00	00:00
801	81	44.6	33.2	11.0	6	16	97	337	267	29	2	3	0	0	0	0



North Wales ATC 6, A547 Market Street

Direction: Eastbound

06/05/2022																
Hour Beginning	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-15	Bin 3 15-20	Bin 4 20-25	Bin 5 25-30	Bin 6 30-35	Bin 7 35-40	Bin 8 40-45	Bin 9 45-50	Bin 10 50-55	Bin 11 55-60	Bin 12 >=60
00:00	5	31.2	27.5	3.5	0	0	0	0	0	0	0	0	0	0	0	0
01:00	5	31.2	27.5	3.5	0	0	0	1	3	1	0	0	0	0	0	0
02:00	1	-	27.5	-	0	0	0	1	0	0	0	0	0	0	0	0
03:00	4	39.0	30.0	8.7	0	0	0	1	2	0	0	1	0	0	0	0
04:00	6	30.1	25.8	4.1	0	0	0	3	2	1	0	0	0	0	0	0
05:00	22	32.4	25.9	6.2	0	1	3	5	7	5	1	0	0	0	0	0
06:00	56	31.8	26.3	5.3	0	0	6	17	20	11	1	1	0	0	0	0
07:00	185	28.1	24.5	4.0	0	1	20	80	75	7	2	0	0	0	0	0
08:00	340	27.8	23.8	3.9	1	4	42	159	127	6	1	0	0	0	0	0
09:00	314	27.7	23.4	4.2	4	3	46	156	94	12	0	0	0	0	0	0
10:00	320	27.2	23.1	4.0	0	5	65	146	97	7	0	0	0	0	0	0
11:00	351	26.9	22.4	4.3	4	11	67	181	76	10	0	0	0	0	0	0
12:00	347	27.4	23.1	3.9	1	4	56	173	103	10	0	0	0	0	0	0
13:00	383	27.7	23.3	4.2	2	6	64	179	119	12	1	0	0	0	0	0
14:00	397	26.6	22.9	3.6	0	3	71	219	98	6	0	0	0	0	0	0
15:00	421	26.7	21.7	4.8	10	31	79	203	93	5	0	0	0	0	0	0
16:00	449	27.1	22.0	4.4	3	15	96	204	121	10	0	0	0	0	0	0
17:00	332	27.7	23.4	4.1	0	7	53	156	104	12	0	0	0	0	0	0
18:00	309	28.3	24.7	3.5	0	0	22	144	129	14	0	0	0	0	0	0
19:00	185	29.5	25.6	3.8	0	0	11	68	88	17	1	0	0	0	0	0
20:00	130	30.0	25.4	4.4	0	0	12	48	56	11	2	1	0	0	0	0
21:00	86	29.6	25.4	4.0	0	0	9	26	43	8	0	0	0	0	0	0
22:00	62	30.4	26.1	4.2	0	0	4	19	30	8	1	0	0	0	0	0
23:00	26	30.9	24.6	6.0	0	0	6	35	5	3	2	0	0	0	0	0
Total	471	27.1	22.7	4.2	4	16	132	329	173	17	0	0	0	0	0	0
2H(14-16)	818	26.7	22.3	4.3	10	34	150	422	191	11	0	0	0	0	0	0
12H(7-19)	4148	27.5	23.1	4.2	25	89	681	2002	1236	111	4	0	0	0	0	0
24H(0-24)	4736	27.9	23.5	4.3	25	90	732	2202	1495	177	12	3	0	0	0	0
AM Peak	11:00	03:00	03:00	03:00	09:00	11:00	11:00	11:00	08:00	09:00	07:00	03:00	00:00	00:00	00:00	00:00
	361	38.8	30.8	8.7	4	11	67	183	127	12	2	1	0	0	0	0
PM Peak	16:00	23:00	22:00	23:00	15:00	15:00	16:00	14:00	18:00	19:00	20:00	20:00	12:00	12:00	12:00	12:00
	469	30.9	26.1	6.0	10	31	96	219	129	17	2	1	0	0	0	0

360 TSL Ltd

Direction: Westbound

06/05/2022																
Hour Beginning	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-15	Bin 3 15-20	Bin 4 20-25	Bin 5 25-30	Bin 6 30-35	Bin 7 35-40	Bin 8 40-45	Bin 9 45-50	Bin 10 50-55	Bin 11 55-60	Bin 12 >=60
00:00	4	33.0	30.0	2.9	0	0	0	0	2	2	0	0	0	0	0	0
01:00	4	31.2	26.3	4.8	0	0	0	2	0	1	0	0	0	0	0	0
02:00	1	-	27.5	-	0	0	0	1	0	0	0	0	0	0	0	0
03:00	3	27.2	24.2	3.9	0	0	0	2	1	0	0	0	0	0	0	0
04:00	5	40.4	34.5	5.7	0	0	0	0	1	2	1	1	0	0	0	0
05:00	10	33.3	28.0	4.1	0	0	0	0	2	3	5	0	0	0	0	0
06:00	50	31.9	27.5	4.3	0	0	0	16	20	12	2	0	0	0	0	0
07:00	149	28.8	25.3	4.3	1	0	13	52	67	15	1	0	0	0	0	0
08:00	286	28.6	23.7	4.7	1	9	46	116	91	23	0	0	0	0	0	0
09:00	314	28.8	24.3	4.4	1	4	34	147	102	23	3	0	0	0	0	0
10:00	358	28.2	23.9	4.1	1	2	54	162	120	18	1	0	0	0	0	0
11:00	364	27.7	23.1	4.3	1	11	61	174	102	14	1	0	0	0	0	0
12:00	354	27.4	23.2	4.0	0	7	60	178	96	13	0	0	0	0	0	0
13:00	375	27.4	23.5	3.8	0	1	57	201	100	15	1	0	0	0	0	0
14:00	370	28.0	23.5	4.4	1	6	67	165	112	16	3	0	0	0	0	0
15:00	442	27.6	23.2	4.3	2	7	60	256	104	11	1	0	0	0	0	1
16:00	497	27.0	22.9	4.0	0	7	201	256	116	15	2	0	0	0	0	0
17:00	479	28.2	23.1	4.4	1	10	68	237	131	29	3	0	0	0	0	0
18:00	324	28.6	24.8	4.6	2	4	34	121	134	24	5	0	0	0	0	0
19:00	256	31.0	26.2	4.6	1	0	18	78	117	33	9	0	0	0	0	0
20:00	146	31.1	26.5	4.5	0	0	9	44	65	25	2	1	0	0	0	0
21:00	98	29.3	25.2	4.0	0	0	5	49	32	11	1	0	0	0	0	0
22:00	59	32.7	27.0	5.5	0	1	4	14	26	11	1	1	0	0	0	0
23:00	34	33.5	28.1	5.2	0	0	1	9	12	10	1	1	0	0	0	0
Total	722	27.9	23.5	4.3	2	13	115	336	222	32	2	0	0	0	0	0
2H(14-16)	812	27.8	23.3	4.4	3	13	127	421	216	27	4	0	0	0	0	1
12H(7-19)	4312	28.1	23.6	4.3	11	68	651	2065	1275	216	21	0	0	0	0	1
24H(0-24)	4982	28.6	24.0	4.5	12	69	692	2281	1536	328	38	5	0	0	0	1
AM Peak	11:00	04:00	04:00	04:00	07:00	11:00	11:00	11:00	10:00	08:00	09:00	04:00	00:00	00:00	00:00	00:00
	384	40.4	34.5	5.7	1	11	61	174	102	14	3	1	0	0	0	0
PM Peak	16:00	23:00	23:00	23:00	15:00	17:00	16:00	15:00	18:00	19:00	19:00	22:00	12:00	12:00	12:00	12:00
	497	33.5	28.1	5.5	2	10	101	256	124	13	9	2	0	0	0	1

360 TSL Ltd

Direction: Total Flow

Hour	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-15	Bin 3 15-20	Bin 4 20-25	Bin 5 25-30	Bin 6 30-35	Bin 7 35-40	Bin 8 40-45	Bin 9 45-50	Bin 10 50-55	Bin 11 55-60	Bin 12 >=60
00:00	9	32.1	28.6	3.3	0	0	0	1	5	3	0	0	0	0	0	0
01:00	9	31.0	26.9	3.9	0	0	0	3	4	2	0	0	0	0	0	0
02:00	2	28.7	25.0	3.5	0	0	0	1	0	0	0	0	0	0	0	0
03:00	7	34.8	27.5	7.1	0	0	0	3	3	0	0	1	0	0	0	0
04:00	11	36.5	29.6	6.5	0	0	0	3	3	1	1	1	0	0	0	0
05:00	32	32.9	26.9	5.8	0	1	3	7	7	10	10	1	0	0	0	0
06:00	106	31.9	26.9	4.9	0	0	6	33	40	23	3	0	0	0	0	0
07:00	334	28.1	24.9	4.1	1	1	33	132	142	22	3	0	0	0	0	0
08:00	626	28.2	23.8	4.3	2	13	88	275	218	29	1	0	0	0	0	0
09:00	628	28.3	23.8	4.3	5	6	80	303	186	35	0	0	0	0	0	0
10:00	678	27.7	23.5	4.1	1	7	119	308	217	25	1	0	0	0	0	0
11:00	715	27.2	23.6	4.3	5	23	128	357	178	24	1	0	0	0	0	0
12:00	701	27.4	23.2	4.0	1	11	116	351	199	23	0	0	0	0	0	0
13:00	738	27.6	23.4	4.0	2	7	121	380	219	27	2	0	0	0	0	0
14:00	707	27.3	23.2	4.0	1	9	138	384	210	22	3	0	0	0	0	0
15:00	863	27.2	22.4	4.6	12	38	139	459	197	16	1	0	0	0	0	1
16:00	946	27.1	22.7	4.2	3	22	107	460	237	25	0	0	0	0	0	0
17:00	811	28.0	23.5	4.3	1	17	121	393	235	41	3	0	0	0	0	0
18:00	633	29.7	24.7	4.1	2	4	56	265	263	38	5	0	0	0	0	0
19:00	441	30.4	25.9	4.3	1	0	29	146	205	50	10	0	0	0	0	0
20:00	276	30.6	26.0	4.5	0	0	21	92	121	36	4	2	0	0	0	0
21:00	184	28.4	25.3	4.0	0	0	14	75	75	19	1	0	0	0	0	0
22:00	121	31.6	26.5	4.9	0	1	8	33	56	19	2	2	0	0	0	0
23:00	60	32.6	26.6	5.8	0	0	7	19	17	13	3	1	0	0	0	0
Total	10000	28.0	25.0	4.0	0	0	0	0	0	0	0	0	0	0	0	0
2024-12-10	1380	27.5	23.1	4.2	6	29	247	665	395	49	2	0	0	0	0	0
2024-12-11	1630	27.3	22.8	4.4	13	47	277	843	407	38	4	2	0	0	0	0
2024-12-12	1460	27.9	23.4	4.3	36	357	1138	1607	2111	357	20	0	0	0	0	0
2024-12-13	9718	28.3	23.7	4.4	37	159	1484	4811	3051	505	50	8	0	0	0	1
Amp Hour	1150	01:00	04:00	06:00	09:00	11:00	15:00	16:00	18:00	19:00	20:00	06:00	08:00	10:00	12:00	14:00
PM Peak	182	12:00	21:00	23:00	22:00	11:00	15:00	16:00	18:00	19:00	20:00	20:00	12:00	12:00	12:00	15:00
	182	22.5	23.8	24.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8



North Wales ATC 6, A547 Market Street

Direction: Eastbound

07/05/2022																
Hour Beginning	Total Volume	ECN Percentage	Mean Average	Standard Deviation	Bin 1 10-15m	Bin 2 15-20	Bin 3 20-25	Bin 4 25-30	Bin 5 30-35	Bin 6 35-40	Bin 7 40-45	Bin 8 45-50	Bin 9 50-55	Bin 10 55-60	Bin 11 60-65	Bin 12 65-70
00:00	12	33.3	27.5	5.6	0	0	0	5	4	1	2	0	0	0	0	0
01:00	7	34.7	26.6	4.9	0	0	0	1	3	2	1	0	0	0	0	0
02:00	2	33.7	30.0	3.5	0	0	0	0	0	1	1	0	0	0	0	0
03:00	2	33.7	30.0	3.5	0	0	0	0	0	1	1	0	0	0	0	0
04:00	5	27.5	27.5	0.0	0	0	0	0	5	0	0	0	0	0	0	0
05:00	12	30.4	26.7	3.6	0	0	0	4	6	2	0	0	0	0	0	0
06:00	25	29.2	24.7	4.3	0	0	2	13	8	1	1	0	0	0	0	0
07:00	91	29.3	25.0	4.8	0	1	10	37	32	6	3	0	0	0	0	0
08:00	191	29.3	24.7	4.4	0	4	19	77	73	17	1	0	0	0	0	0
09:00	396	28.2	23.8	4.3	1	5	41	145	103	13	2	0	0	0	0	0
10:00	320	27.4	23.3	4.0	0	2	62	151	93	12	0	0	0	0	0	0
11:00	395	27.3	23.7	3.5	0	4	40	238	134	9	0	0	0	0	0	0
12:00	389	28.4	24.2	4.0	0	4	36	196	135	16	1	0	0	0	0	0
13:00	387	28.5	23.8	4.5	3	3	53	180	134	11	0	0	3	0	0	0
14:00	370	27.5	23.4	3.9	1	9	48	183	123	6	0	0	0	0	0	0
15:00	314	28.6	24.5	4.0	0	6	22	149	118	17	2	0	0	0	0	0
16:00	329	28.4	24.2	4.1	1	9	40	144	123	18	0	0	0	0	0	0
17:00	321	28.3	24.4	4.4	0	6	35	141	115	22	1	1	0	0	0	0
18:00	247	30.3	25.9	4.2	1	1	14	78	120	30	3	0	0	0	0	0
19:00	201	29.5	25.5	4.0	0	1	15	70	94	21	0	0	0	0	0	0
20:00	136	29.7	25.9	3.6	0	0	4	52	65	14	1	0	0	0	0	0
21:00	86	30.1	25.2	4.7	0	1	9	31	34	9	2	0	0	0	0	0
22:00	52	30.4	25.4	4.9	0	0	6	20	18	6	2	0	0	0	0	0
23:00	24	29.4	25.8	4.4	0	0	3	10	8	3	0	0	0	0	0	0
Total	715	27.4	23.5	3.7	0	6	102	369	217	21	0	0	0	0	0	0
2H(14-16)	684	28.0	23.9	4.0	1	15	70	332	241	23	2	0	0	0	0	0
12H(7-19)	8660	28.4	24.1	4.2	7	48	420	1888	1293	179	13	1	1	1	1	1
24H(0-24)	4224	28.7	24.3	4.2	7	50	409	1801	1540	240	22	1	3	1	1	1
AM Peak	11:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00
	395	34.7	30.0	5.6	1	5	62	218	124	17	3	0	0	0	0	0
PM Peak	12:00	22:00	18:00	22:00	13:00	14:00	13:00	12:00	18:00	18:00	17:00	13:00	12:00	12:00	12:00	12:00
	389	30.4	25.9	4.9	3	9	53	196	135	30	3	1	3	1	0	0

360 TSL Ltd

Direction: Westbound

Hour	Total Volume	ECN Percentage	Mean Average	Standard Deviation	Bin 1 10-15m	Bin 2 15-20	Bin 3 20-25	Bin 4 25-30	Bin 5 30-35	Bin 6 35-40	Bin 7 40-45	Bin 8 45-50	Bin 9 50-55	Bin 10 55-60	Bin 11 60-65	Bin 12 65-70
00:00	17	32.5	28.1	4.3	0	0	0	4	8	4	1	0	0	0	0	0
01:00	7	34.4	26.8	7.3	0	0	2	0	3	1	1	0	0	0	0	0
02:00	2	33.7	30.0	3.5	0	0	0	0	1	1	0	0	0	0	0	0
03:00	2	24.8	17.5	7.1	0	1	0	1	0	0	0	0	0	0	0	0
04:00	8	32.3	26.3	5.8	0	0	0	5	1	1	0	0	0	0	0	0
05:00	24	33.2	26.5	6.5	1	0	0	9	9	3	1	1	0	0	0	0
06:00	91	32.6	27.4	5.0	0	0	2	28	38	17	5	0	1	0	0	0
07:00	202	30.6	25.0	5.4	2	5	24	69	69	28	5	0	0	0	0	0
08:00	269	28.5	24.1	4.2	2	3	31	121	96	16	0	0	0	0	0	0
09:00	395	28.3	23.9	4.3	1	5	47	194	113	21	4	0	0	0	0	0
10:00	320	27.0	22.8	4.0	2	9	97	272	124	16	0	0	0	0	0	0
11:00	418	28.4	23.6	4.7	0	11	76	176	125	26	4	0	0	0	0	0
12:00	451	28.5	24.1	4.3	2	4	52	200	146	24	2	0	1	0	0	0
13:00	346	28.8	23.9	4.9	2	13	43	144	118	25	1	0	0	0	0	0
14:00	315	28.8	24.4	4.3	0	4	32	149	105	18	4	1	0	0	0	0
15:00	336	29.0	24.2	4.6	1	4	44	145	120	15	6	1	0	0	0	0
16:00	299	29.5	25.0	4.3	0	2	33	111	122	29	2	0	0	0	0	0
17:00	235	30.4	25.5	4.7	0	4	19	85	92	30	5	0	0	0	0	0
18:00	203	30.8	25.7	5.0	0	1	19	74	77	24	6	2	0	0	0	0
19:00	175	31.9	26.2	5.5	2	0	8	42	47	31	4	0	1	0	0	0
20:00	94	31.4	26.0	5.2	0	0	12	29	31	19	3	0	0	0	0	0
21:00	64	31.9	27.0	4.8	0	0	6	13	29	14	0	0	0	0	0	0
22:00	34	33.4	28.4	4.8	0	0	0	9	14	7	4	0	0	0	0	0
Total	905	27.6	23.3	4.2	3	14	144	466	237	37	4	0	0	0	0	0
2H(14-16)	659	28.8	24.1	4.6	2	17	75	203	123	43	5	1	0	0	0	0
12H(7-19)	8845	28.9	24.1	4.6	12	64	500	1694	1288	265	38	2	2	0	0	0
24H(0-24)	4427	29.3	24.4	4.7	15	66	547	1881	1489	360	61	5	3	0	0	0
AM Peak	11:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00
	395	34.4	30.0	7.3	2	9	97	272	124	26	5	1	1	0	0	0
PM Peak	12:00	22:00	19:00	23:00	13:00	14:00	13:00	12:00	18:00	18:00	16:00	19:00	13:00	12:00	12:00	12:00
	451	33.4	28.4	5.5	2	13	76	209	146	39	6	2	1	0	0	0

360 TSL Ltd

Direction: Total Flow

Hour	Total Volume	ECN %	Mean Average	Standard Deviation	Bin 1 10-15m	Bin 2 15-20	Bin 3 20-25	Bin 4 25-30	Bin 5 30-35	Bin 6 35-40	Bin 7 40-45	Bin 8 45-50	Bin 9 50-55	Bin 10 55-60	Bin 11 60-65	Bin 12 65-70
00:00	29	32.8	27.8	4.8	0	0	9	12	5	3	2	0	0	0	0	0
01:00	14	34.6	28.2	6.2	0	0	2	1	6	3	2	0	0	0	0	0
02:00	4	33.0	30.0	2.8	0	0	0	0	2	2	0	0	0	0	0	0
03:00	4	31.7	27.5	4.1	0	0	0	1	2	1	0	0	0	0	0	0
04:00	7	30.5	24.6	5.7	0	1	0	1	5	1	0	0	0	0	0	0
05:00	20	31.1	26.5	4.5	0	0	0	9	7	3	1	0	0	0	0	0
06:00	49	31.3	25.6	5.5	1	0	2	22	17	4	2	1	0	0	0	0
07:00	182	31.4	26.2	5.0	0	1	12	65	70	25	8	1	0	0	0	0
08:00	393	30.0	24.8	5.0	2	9	43	146	142	45	6	0	0	0	0	0
09:00	575	28.3	23.9	4.2	3	8	72	262	199	29	2	0	0	0	0	0
10:00	705	27.9	23.6	4.1	1	7	109	345	206	33	4	0	0	0	0	0
11:00	915	27.2	23.2	3.8	2	19	137	490	246	25	4	0	0	0	0	0
12:00	807	28.4	23.9	4.4	0	15	112	372	260	42	5	0	0	1	0	0
13:00	820	28.5	24.0	4.4	5	7	105	360	260	35	2	0	0	0	0	0
14:00	716	28.1	23.6	4.4	3	22	91	327	241	31	1	0	0	0	0	0
15:00	627	28.7	24.4	4.2	0	10	54	298	223	35	6	1	0	0	0	0
16:00	663	28.7	24.3	4.3	2	7	84	289	243	33	6	1	0	0	0	0
17:00	620	29.2	24.7	4.3	0	8	68	252	237	51	3	1	0	0	0	0
18:00	482	30.4	25.7	4.5	1	5	33	163	212	63	4	0	0	0	0	0
19:00	404	30.2	25.6	4.5	0	2	34	144	171	45	6	2	0	0	0	0
20:00	261	30.8	26.0	4.6	2	0	12	94	112	35	5	0	1	0	0	0
21:00	180	30.8	25.6	5.0	0	1	21	94	105	36	28	5	0	0	0	0
22:00	116	31.3	26.3	4.9	0	0	12	33	47	20	4	0	0	0	0	0
23:00	58	32.0	26.9	5.0	0	0	3	19	22	10	4	0	0	0	0	0
Total																
2023-12-10	2360	27.5	23.4	4.0	3	20	246	835	454	58	4	0	0	0	0	0
2023-12-11	1343	28.4	24.0	4.3	3	32	145	625	464	66	1	0	0	0	0	0
2023-12-12	1467	28.7	24.1	4.4	9	19	112	820	584	54	3	1	1	1	1	1
2023-12-13	861	29.0	24.4	4.5	2	11	106	374	309	60	83	6	0	0	0	0
Average	1150	31.0	26.0	5.0	0	0	0	0	0	0	0	0	0	0	0	0
Std Dev	115	23.0	7.0	0.9	1	5	4.5	22.0	13.0	3.0	0.5	0	0	0	0	0
Min	13	26.9	23.8	3.8	0	0	0	0	0	0	0	0	0	0	0	0



North Wales ATC 6, A547 Market Street

Direction: Eastbound

08/05/2022															
Hour Beginning	Total Volume	ECN Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-15	Bin 3 15-20	Bin 4 20-25	Bin 5 25-30	Bin 6 30-35	Bin 7 35-40	Bin 8 40-45	Bin 9 45-50	Bin 10 50-55	Bin 12 >=60
00:00	28	30.1	25.7	4.1	0	0	1	15	2	0	0	0	0	0	0
01:00	13	32.4	28.3	4.0	0	0	0	2	8	2	1	0	0	0	0
02:00	5	27.5	24.5	2.7	0	0	0	0	3	2	0	0	0	0	0
03:00	2	28.7	25.0	3.5	0	0	0	1	1	0	0	0	0	0	0
04:00	6	34.3	30.0	4.2	0	0	0	1	1	4	0	0	0	0	0
05:00	7	30.3	27.5	2.8	0	0	0	1	5	1	0	0	0	0	0
06:00	17	32.3	25.7	6.4	0	1	3	1	9	2	1	0	0	0	0
07:00	52	32.6	25.6	6.8	1	2	7	12	19	7	3	1	0	0	0
08:00	90	29.6	23.9	5.5	0	5	16	29	31	8	0	1	0	0	0
09:00	162	28.2	23.6	4	3	1	20	79	51	8	0	0	0	0	0
10:00	272	28.3	24.0	4.2	0	3	39	123	91	15	1	0	0	0	0
11:00	338	28.1	23.9	4.0	2	5	36	161	125	8	0	1	0	0	0
12:00	356	27.2	23.1	4.0	2	8	47	202	87	8	1	0	0	0	0
13:00	340	27.9	23.8	3.9	0	4	49	151	126	10	0	0	0	0	0
14:00	338	27.5	23.8	3.6	0	2	34	173	98	11	0	0	0	0	0
15:00	307	27.7	23.8	3.8	1	2	37	153	105	9	0	0	0	0	0
16:00	220	28.3	24.3	3.8	1	0	23	100	86	10	0	0	0	0	0
17:00	395	28.9	25.4	3.4	0	0	8	78	97	12	0	0	0	0	0
18:00	346	28.5	24.5	4.0	0	0	15	75	49	10	1	0	0	0	0
19:00	322	30.1	25.1	4.8	1	1	10	48	46	13	1	0	0	0	0
20:00	73	30.5	26.4	3.9	0	0	3	23	34	13	0	0	0	0	0
21:00	49	30.2	25.4	4.4	0	0	4	21	17	6	1	0	0	0	0
22:00	31	30.9	25.2	5.5	0	1	3	12	9	5	1	0	0	0	0
23:00	14	30.1	26.4	3.5	0	0	0	5	7	2	0	0	0	0	0
Total															
2H(10-12)	610	28.2	23.9	4.1	2	8	75	284	236	23	1	1	0	0	0
2H(14-16)	625	27.6	23.8	3.7	1	4	71	326	203	20	0	0	0	0	0
12H(7-19)	2786	28.2	23.9	4.1	10	32	381	1382	966	137	6	3	0	0	0
24H(0-24)	1161	28.5	24.2	4.2	11	35	305	1464	1113	170	11	4	0	0	0
AM Peak	11:00	04:00	04:00	07:00	09:00	08:00	10:00	11:00	11:00	10:00	07:00	07:00	00:00	00:00	00:00
	338	34.3	30.0	6.8	3	5	39	161	125	15	3	1	0	0	0
PM Peak	12:00	22:00	23:00	22:00	12:00	12:00	13:00	12:00	13:00	19:00	12:00	19:00	12:00	12:00	12:00
	356	30.9	26.4	5.5	2	8	49	202	126	13	1	1	0	0	0

360 TSL Ltd

Direction: Westbound

Hour Beginning	Total Volume	ECN Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-15	Bin 3 15-20	Bin 4 20-25	Bin 5 25-30	Bin 6 30-35	Bin 7 35-40	Bin 8 40-45	Bin 9 45-50	Bin 10 50-55	Bin 11 55-60	Bin 12 >=60
00:00	25	33.5	29.1	4.3	0	0	1	2	11	10	1	0	0	0	0	0
01:00	9	35.5	29.2	6.1	0	0	0	3	2	0	0	0	0	0	0	0
02:00	6	34.8	27.5	7.1	0	0	1	1	2	1	1	0	0	0	0	0
03:00	8	37.9	31.3	6.4	0	0	0	0	2	1	1	0	0	0	0	0
04:00	7	38.0	29.6	8.1	0	0	1	1	1	3	0	1	0	0	0	0
05:00	4	22.5	22.5	0.0	0	0	0	4	0	0	0	0	0	0	0	0
06:00	17	34.8	27.8	6.7	0	0	2	4	5	4	1	1	0	0	0	0
07:00	41	31.6	24.6	5.9	1	1	4	10	17	7	1	0	0	0	0	0
08:00	84	31.5	24.9	5.9	0	3	13	27	28	7	0	0	0	0	0	0
09:00	150	29.3	24.9	4.2	0	0	17	63	52	18	0	0	0	0	0	0
10:00	388	29.2	25.4	4.6	0	6	40	109	107	23	3	0	0	0	0	0
11:00	341	29.0	24.2	4.6	3	5	42	138	130	20	2	1	0	0	0	0
12:00	383	28.2	24.0	4.0	0	4	42	198	112	26	1	0	0	0	0	0
13:00	307	28.9	24.6	4.2	0	1	43	158	138	23	3	1	0	0	0	0
14:00	368	28.8	24.6	4.0	1	0	32	176	127	31	1	0	0	0	0	0
15:00	329	28.9	24.5	4.4	2	0	39	146	115	24	0	1	0	0	0	0
16:00	249	29.2	24.6	4.5	0	1	32	106	85	21	4	0	0	0	0	0
17:00	304	31.5	25.9	5.4	0	2	17	52	63	22	7	0	1	0	0	0
18:00	241	32.0	26.9	5.0	0	1	8	42	56	30	5	1	0	0	0	0
19:00	304	31.9	26.3	5.4	1	2	4	33	46	12	4	2	0	0	0	0
20:00	77	31.6	26.1	5.3	0	0	10	26	18	7	2	1	0	0	0	0
21:00	68	31.8	26.8	4.8	0	0	6	17	28	15	2	0	0	0	0	0
22:00	30	34.5	28.2	6.5	0	0	3	6	9	5	1	1	0	0	0	0
23:00	14	32.5	26.8	5.5	0	0	1	4	7	0	2	0	0	0	0	0
Total																
2H(10-12)	629	29.1	24.3	4.6	3	11	82	247	237	43	5	1	0	0	0	0
2H(14-16)	607	28.8	24.5	4.2	3	2	71	322	242	55	1	0	1	0	0	0
12H(7-19)	2907	29.4	24.7	4.5	7	26	329	1225	1030	232	33	3	2	0	0	0
24H(0-24)	1276	29.8	24.9	4.7	8	28	304	1328	1180	332	52	6	2	0	0	0
AM Peak	11:00	04:00	03:00	04:00	11:00	10:00	11:00	11:00	11:00	10:00	08:00	04:00	00:00	00:00	00:00	00:00
	341	34.1	31.3	8.1	3	6	42	138	130	23	6	1	0	0	0	0
PM Peak	12:00	22:00	23:00	22:00	15:00	13:00	13:00	13:00	14:00	17:00	19:00	15:00	12:00	12:00	12:00	12:00
	383	34.5	28.2	6.1	2	4	42	198	138	31	7	2	1	0	0	0

360 TSL Ltd

Direction: Total Flow

Hour	Total Volume	ECN Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-15	Bin 3 15-20	Bin 4 20-25	Bin 5 25-30	Bin 6 30-35	Bin 7 35-40	Bin 8 40-45	Bin 9 45-50	Bin 10 50-55	Bin 11 55-60	Bin 12 >=60
00:00	53	32.0	27.3	4.5	0	0	2	15	20	15	1	0	0	0	0	0
01:00	22	33.7	28.6	4.9	0	0	0	5	10	4	3	0	0	0	0	0
02:00	11	31.8	26.1	5.5	0	0	1	4	4	1	1	0	0	0	0	0
03:00	10	36.6	30.0	6.3	0	0	0	3	2	2	3	0	0	0	0	0
04:00	13	36.4	29.6	6.3	0	0	1	2	7	2	1	0	0	0	0	0
05:00	11	29.2	25.7	3.4	0	0	0	5	5	1	0	0	0	0	0	0
06:00	14	33.5	26.8	6.5	0	1	5	5	14	6	2	1	0	0	0	0
07:00	93	32.2	25.6	6.4	2	3	11	22	36	14	4	1	0	0	0	0
08:00	174	30.3	24.4	5.7	0	8	29	56	59	15	6	1	0	0	0	0
09:00	312	28.7	24.2	4.4	3	1	37	142	103	26	0	0	0	0	0	0
10:00	560	28.8	24.2	4.4	0	9	79	232	198	38	4	0	0	0	0	0
11:00	679	28.6	24.1	4.3	5	10	78	299	255	28	1	2	0	0	0	0
12:00	739	27.7	23.6	4.0	2	12	89	400	199	35	2	0	0	0	0	0
13:00	707	28.4	24.2	4.1	0	9	92	309	264	33	3	1	0	0	0	0
14:00	686	28.2	24.2	3.8	1	2	66	349	225	42	1	0	0	0	0	0
15:00	636	28.3	24.1	4.1	3	4	76	299	220	33	0	0	1	0	0	0
16:00	469	28.8	24.5	4.2	1	1	55	206	171	31	4	0	0	0	0	0
17:00	369	30.2	25.6	4.4	0	2	25	130	160	34	7	0	1	0	0	0
18:00	399	30.5	25.6	4.6	0	1	23	113	105	40	3	1	0	0	0	0
19:00	226	31.0	25.7	5.1	2	3	14	82	92	25	5	3	0	0	0	0
20:00	100	31.1	26.2	4.7	0	0	13	49	52	35	1	0	0	0	0	0
21:00	117	31.1	26.2	4.7	0	0	10	38	45	21	3	0	0	0	0	0
22:00	61	32.8	26.7	5.9	0	1	6	18	18	14	3	1	0	0	0	0
23:00	28	31.3	26.6	4.5	0	0	1	9	14	2	2	0	0	0	0	0
Total																
2H(10-12)	1239	28.7	24.1	4.4	5	19	157	531	453	66	6	2	0	0	0	0
2H(14-16)	1322	28.3	24.2	4.0	4	6	142	648	445	75	1	0	1	0	0	0
2H(18-20)	1700	28.8	24.1	4.3	17	58	600	2573	1615	170	1	0	0	0	0	0
2H(22-24)	649	29.2	24.5	4.5	19	63	713	2792	2273	502	63	12	2	0	0	0
AM Peak	11:00	63:00	03:00	06:00	5	11:00	11:00	12:00	13:00	14:00	15:00	06:00	11:00	05:00	05:00	05:00
PM Peak	679	36.4	30.0	6.5	5	12	10	79	299	255	38	6	2	0	0	0
PM Peak	12:00	22:00	22:00	22:00	5	12:00	12:00	12:00	13:00	14:00	17:00	18:00	18:00	12:00	12:00	12:00



North Wales ATC 6, A547 Market Street

Direction: Eastbound

09/05/2022															
Hour Beginning	Total Volume	ECN Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-15	Bin 3 15-20	Bin 4 20-25	Bin 5 25-30	Bin 6 30-35	Bin 7 35-40	Bin 8 40-45	Bin 9 45-50	Bin 10 50-55	Bin 12 >60
00:00	6	94.5	20.2	5.2	0	0	0	0	0	0	0	0	0	0	0
01:00	5	95.8	31.5	4.2	0	0	0	0	2	2	1	0	0	0	0
02:00	3	92.2	7.6	0	0	1	1	0	1	0	1	0	0	0	0
03:00	1	-	22.5	-	0	0	0	1	0	0	0	0	0	0	0
04:00	4	32.6	23.8	8.5	0	1	0	1	1	1	0	0	0	0	0
05:00	33	31.4	25.8	5.4	0	1	2	13	8	1	1	0	0	0	0
06:00	72	31.9	26.5	5.2	0	1	5	23	26	13	4	0	0	0	0
07:00	109	29.7	26.7	4.6	0	3	24	77	74	18	3	0	0	0	0
08:00	333	28.1	24.1	3.8	0	4	34	164	135	16	0	0	0	0	0
09:00	278	27.8	23.5	4.2	2	3	43	129	90	1	0	0	0	0	0
10:00	321	27.4	23.2	4.0	2	7	41	172	90	9	0	0	0	0	0
11:00	315	27.0	23.2	3.7	2	1	43	180	82	7	0	0	0	0	0
12:00	366	27.3	23.0	4.1	4	6	58	186	105	7	0	0	0	0	0
13:00	347	27.3	23.3	3.9	0	5	58	168	108	8	0	0	0	0	0
14:00	338	27.0	23.1	3.8	0	4	62	164	104	4	0	0	0	0	0
15:00	367	27.4	23.2	4.1	1	3	73	170	109	10	1	0	0	0	0
16:00	351	27.5	23.8	3.8	0	4	27	160	151	7	2	1	0	0	0
17:00	357	28.8	24.8	3.8	0	1	28	163	141	21	3	0	0	0	0
18:00	266	28.7	24.9	3.7	0	0	22	111	138	14	1	0	0	0	0
19:00	155	29.8	25.4	4.2	1	0	12	53	73	15	1	0	0	0	0
20:00	126	29.1	25.4	3.5	0	0	8	44	66	8	0	0	0	0	0
21:00	62	29.0	25.4	3.5	0	0	3	24	31	4	0	0	0	0	0
22:00	32	30.4	26.3	4.0	0	0	1	11	16	3	1	0	0	0	0
23:00	8	29.3	25.4	4.6	0	0	1	4	2	1	0	0	0	0	0
Total															
2016-10-12	636	27.2	23.2	3.8	4	8	84	352	172	15	0	0	0	0	0
2016-14-16	705	27.2	23.2	3.9	1	7	135	334	213	14	1	0	0	0	0
12H07-10	888	27.8	23.7	4.0	11	41	583	3884	1247	132	10	0	0	0	0
24H02-24	4145	28.1	23.9	4.1	12	44	560	2060	1476	188	19	0	0	0	0
AM Peak	08:00	01:00	02:00	04:00	09:00	10:00	09:00	11:00	08:00	07:00	06:00	00:00	00:00	00:00	00:00
	383	35.8	31.5	8.5	2	7	43	180	115	18	4	0	0	0	0
PM Peak	15:00	22:00	22:00	23:00	12:00	12:00	15:00	12:00	17:00	17:00	17:00	12:00	12:00	12:00	12:00
	367	35.4	26.3	4.6	4	6	73	186	141	21	3	0	0	0	0

360 TSL Ltd

Direction: Westbound

09/05/2022															
Hour Beginning	Total Volume	ECN Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-15	Bin 3 15-20	Bin 4 20-25	Bin 5 25-30	Bin 6 30-35	Bin 7 35-40	Bin 8 40-45	Bin 9 45-50	Bin 10 50-55	Bin 12 >60
00:00	9	36.1	29.7	6.2	0	0	0	3	1	3	2	0	0	0	0
01:00	5	38.8	32.5	6.1	0	0	0	1	1	2	0	0	0	0	0
02:00	3	27.7	22.5	5.0	0	0	1	1	1	0	0	0	0	0	0
03:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0
04:00	5	42.4	34.5	7.6	0	0	0	1	0	1	2	1	0	0	0
05:00	12	32.7	28.8	3.8	0	0	0	2	5	5	0	0	0	0	0
06:00	41	32.2	27.0	5.0	0	0	3	11	16	9	2	0	0	0	0
07:00	158	32.0	26.3	5.6	0	4	15	44	57	29	9	0	0	0	0
08:00	302	29.2	24.2	4.8	1	10	31	134	97	25	4	0	0	0	0
09:00	330	28.2	23.4	4.6	2	10	55	141	103	19	0	0	0	0	0
10:00	321	27.8	23.5	4.1	0	6	51	149	102	12	1	0	0	0	0
11:00	316	27.6	23.5	4.0	1	5	42	167	86	15	0	0	0	0	0
12:00	365	28.0	23.4	4.5	0	9	63	173	101	14	5	0	0	0	0
13:00	330	27.0	23.7	4.1	0	4	52	154	103	17	0	0	0	0	0
14:00	346	26.9	22.7	4.1	0	7	74	173	82	9	1	0	0	0	0
15:00	400	27.8	23.6	3.9	0	1	68	182	147	10	2	0	0	0	0
16:00	382	28.1	23.6	4.3	1	11	43	195	117	12	1	2	0	0	0
17:00	420	28.9	24.7	4.0	0	2	37	191	150	36	2	0	0	0	0
18:00	249	28.7	25.1	4.5	0	3	23	99	92	30	2	0	0	0	0
19:00	209	30.8	26.1	4.6	0	0	15	71	88	29	5	1	0	0	0
20:00	130	30.9	25.3	5.4	0	2	12	52	47	14	0	0	0	1	0
21:00	70	31.2	24.9	6.1	0	4	13	15	24	12	2	0	0	0	0
22:00	38	34.4	28.9	5.4	0	0	3	5	17	9	4	1	0	0	0
23:00	19	28.2	24.6	3.5	0	0	1	10	7	1	0	0	0	0	0
Total															
2016-10-12	637	27.7	23.5	4.1	1	11	93	336	188	27	1	0	0	0	0
2016-14-16	766	27.4	23.3	4.0	0	8	142	355	229	19	3	0	0	0	0
12H07-10	939	28.4	23.9	4.4	5	72	354	1802	1240	227	27	2	0	0	0
24H02-24	4470	28.9	24.1	4.6	5	78	601	3974	1446	312	48	5	0	1	0
AM Peak	08:00	04:00	04:00	04:00	09:00	08:00	09:00	11:00	09:00	07:00	07:00	04:00	00:00	00:00	00:00
	380	42.4	34.5	7.6	2	10	51	167	103	29	9	1	0	0	0
PM Peak	17:00	22:00	22:00	21:00	16:00	16:00	14:00	16:00	17:00	17:00	13:00	16:00	12:00	12:00	12:00
	420	34.6	28.9	6.1	1	11	74	195	118	12	5	2	0	1	0

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	ECN Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-15	Bin 3 15-20	Bin 4 20-25	Bin 5 25-30	Bin 6 30-35	Bin 7 35-40	Bin 8 40-45	Bin 9 45-50	Bin 10 50-55	Bin 12 >60	
00:00	10	37.2	32.0	5.0	0	0	0	1	2	4	3	0	0	0	0	
01:00	6	28.4	23.3	5.8	0	0	0	2	2	1	1	0	0	0	0	
02:00	1	-	22.5	-	0	0	0	1	0	0	0	0	0	0	0	
03:00	9	39.5	29.7	8.4	0	1	0	2	1	2	1	0	0	0	0	
04:00	45	31.9	26.6	5.1	0	1	2	15	14	12	1	0	0	0	0	
05:00	113	32.0	26.7	5.1	0	1	8	34	42	22	6	0	0	0	0	
06:00	357	30.7	25.4	5.1	0	7	39	121	131	37	12	0	0	0	0	
07:00	635	28.6	24.2	4.3	1	14	65	298	212	41	4	0	0	0	0	
08:00	608	28.0	23.5	4.4	4	13	98	270	193	30	0	0	0	0	0	
09:00	642	27.6	23.4	4.1	2	13	92	321	192	21	1	0	0	0	0	
10:00	651	27.3	23.2	3.8	3	6	95	347	168	22	0	0	0	0	0	
11:00	731	27.6	23.2	4.3	4	15	121	339	206	21	5	0	0	0	0	
12:00	677	27.6	23.5	4.0	0	9	110	322	211	25	0	0	0	0	0	
13:00	684	27.0	22.9	3.9	0	10	136	337	186	13	1	0	0	0	0	
14:00	777	27.6	23.5	4.0	1	4	141	352	256	20	3	0	0	0	0	
15:00	733	27.8	23.6	4.1	1	15	90	375	228	19	2	0	0	0	0	
16:00	777	28.8	24.8	3.9	0	3	65	354	294	56	5	0	0	0	0	
17:00	515	29.2	25.0	4.1	0	3	45	230	210	44	3	0	0	0	0	
18:00	364	30.4	25.8	4.4	1	0	27	124	161	44	6	1	0	0	0	
19:00	256	30.1	25.4	4.6	0	2	20	96	133	22	2	0	0	1	0	
20:00	132	30.3	25.1	5.0	0	4	16	39	55	16	2	0	0	0	0	
21:00	70	32.9	27.7	5.0	0	0	3	16	33	12	5	1	0	0	0	
22:00	27	38.4	24.5	3.7	0	0	2	14	9	2	0	0	0	0	0	
Total																
2016-10-12	1273	27.5	23.4	4.0	5	19	177	668	360	43	1	0	0	0	0	
2016-14-16	1461	27.3	23.2	4.0	1	15	277	689	442	33	4	0	0	0	0	
12H07-10	1782	28.1	23.8	4.2	6	113	1087	399	265	56	16	0	0	0	0	
24H07-10	8815	28.5	24.0	4.3	17	122	1167	404	2922	500	67	5	0	0	1	0
APM Peak	10:00	04:00	01:00	04:00	05:00	08:00	08:00	11:00	08:00	07:00	07:00	04:00	05:00	05:00	05:00	05:00
APM Peak	642	39.5	32.0	9.4	4	14	98	247	212	47	12	1	0	0	0	0
PM Peak	15:00	22:00	22:00	21:00	12:00	12:00	15:00	15:00	16:00	17:00	17:00	16:00	16:00	12:00	20:00	12:00



North Wales ATC 6, A547 Market Street

Direction: Eastbound																	10/05/2022
Hour	Total Volume	Percent	Mean Speed	Standard Deviation	Bin 1 <10mph	Bin 2 10-15	Bin 3 15-20	Bin 4 20-25	Bin 5 25-30	Bin 6 30-35	Bin 7 35-40	Bin 8 40-45	Bin 9 45-50	Bin 10 50-55	Bin 11 55-60	Bin 12 >=60	
00:00	2	22.5	22.5	0.0	0	0	0	0	0	0	0	0	0	0	0	0	
01:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0	
02:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0	
03:00	3	32.2	29.2	2.9	0	0	0	0	2	1	0	0	0	0	0	0	
04:00	5	35.3	28.5	6.5	0	0	0	2	1	1	1	0	0	0	0	0	
05:00	26	32.8	26.3	6.2	0	1	3	6	9	5	2	0	0	0	0	0	
06:00	64	31.7	26.2	5.4	0	2	5	16	30	7	4	0	0	0	0	0	
07:00	203	28.1	24.2	4.7	0	7	26	79	74	16	1	0	0	0	0	0	
08:00	335	27.9	23.9	3.8	1	0	46	155	122	11	0	0	0	0	0	0	
09:00	302	27.9	23.9	4.0	1	1	45	136	108	11	0	0	0	0	0	0	
10:00	299	27.0	22.9	4.0	1	4	56	157	72	9	0	0	0	0	0	0	
11:00	320	27.3	23.3	3.9	0	5	49	169	86	11	0	0	0	0	0	0	
12:00	344	27.4	23.5	3.8	1	2	49	173	111	8	0	0	0	0	0	0	
13:00	345	27.6	23.5	4.0	1	3	55	166	108	12	0	0	0	0	0	0	
14:00	335	27.5	23.4	4.0	1	6	49	167	104	7	1	0	0	0	0	0	
15:00	375	27.0	22.9	4.0	1	9	67	184	109	5	0	0	0	0	0	0	
16:00	371	28.3	23.9	4.2	0	8	56	169	140	12	1	0	0	0	0	0	
17:00	355	28.6	23.6	4.8	3	17	41	158	115	20	0	0	0	0	0	0	
18:00	265	26.5	25.0	4.5	0	5	20	99	114	20	3	0	0	0	0	0	
19:00	177	30.1	25.4	4.5	0	3	15	58	83	15	2	1	0	0	0	0	
20:00	132	29.5	25.2	4.1	0	1	10	52	56	12	1	0	0	0	0	0	
21:00	68	30.2	25.8	4.2	0	0	5	22	34	5	2	0	0	0	0	0	
22:00	37	30.7	25.6	4.9	0	0	4	14	12	6	1	0	0	0	0	0	
23:00	18	29.7	25.3	4.3	0	0	3	3	11	1	0	0	0	0	0	0	
Total																	
2016-10-12	619	27.1	23.1	3.9	1	9	105	326	158	20	0	0	0	0	0	0	
2016-10-14	710	27.3	23.1	4.0	2	15	116	351	213	12	1	0	0	0	0	0	
12HCT-10	846	27.9	23.6	4.1	13	67	541	1812	1263	142	6	1	0	0	0	0	
24HCB-24	4377	28.3	23.9	4.2	13	74	586	1897	1501	195	19	2	0	0	0	0	
AM Peak	08:00	04:00	03:00	04:00	08:00	07:00	10:00	11:00	08:00	07:00	06:00	00:00	00:00	00:00	00:00	00:00	
	385	35.3	29.2	6.5	1	7	56	169	122	16	4	0	0	0	0	0	
PM Peak	15:00	22:00	21:00	22:00	16:00	17:00	15:00	15:00	16:00	17:00	18:00	17:00	12:00	12:00	12:00	12:00	
	375	30.7	25.8	4.9	3	17	67	184	109	20	3	1	0	0	0	0	

360 TSL Ltd

Direction: Westbound																
Hour	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-15	Bin 3 15-20	Bin 4 20-25	Bin 5 25-30	Bin 6 30-35	Bin 7 35-40	Bin 8 40-45	Bin 9 45-50	Bin 10 50-55	Bin 11 55-60	Bin 12 >=60
00:00	4	36.2	31.3	4.8	0	0	0	0	2	1	1	0	0	0	0	0
01:00	5	48.0	34.5	13.0	0	0	0	0	0	0	0	0	0	0	0	1
02:00	4	35.3	28.8	6.3	0	0	0	0	1	2	0	1	0	0	0	0
03:00	3	32.2	28.2	2.9	0	0	0	0	0	2	1	0	0	0	0	0
04:00	4	39.8	32.5	7.1	0	0	0	0	2	1	0	1	0	0	0	0
05:00	11	34.0	29.8	4.1	0	0	0	0	2	2	0	0	0	0	0	0
06:00	54	31.7	26.6	4.8	1	0	1	17	24	24	3	0	0	0	0	0
07:00	157	32.1	26.6	5.3	2	1	7	50	58	33	5	1	0	0	0	0
08:00	302	29.1	24.2	4.8	3	5	39	126	104	23	0	0	0	0	0	0
09:00	317	28.6	24.5	4.0	1	2	31	139	124	20	0	0	0	0	0	0
10:00	353	28.1	23.7	4.2	1	5	50	165	113	19	1	0	0	0	0	0
11:00	367	28.2	23.5	4.5	5	3	52	188	94	22	3	0	0	0	0	0
12:00	369	27.9	23.7	4.0	0	2	59	170	121	17	0	0	0	0	0	0
13:00	335	28.1	23.7	4.3	0	6	48	165	96	18	1	1	0	0	0	0
14:00	337	28.3	23.4	4.8	1	14	58	139	103	22	0	0	0	0	0	0
15:00	367	28.0	23.7	4.1	2	3	45	132	102	23	0	0	0	0	0	0
16:00	422	28.8	24.1	4.5	2	3	49	213	122	25	6	2	0	0	0	0
17:00	403	28.9	24.7	4.1	0	4	42	161	160	26	1	0	0	0	0	0
18:00	266	30.2	25.2	4.8	1	8	18	101	103	30	5	0	0	0	0	0
19:00	177	30.0	25.1	4.7	1	3	14	67	73	15	4	0	0	0	0	0
20:00	119	31.4	26.3	4.9	0	0	9	43	37	27	4	0	0	0	0	0
21:00	100	32.9	26.3	6.3	0	0	9	40	31	13	3	3	0	0	0	1
22:00	40	34.7	28.1	6.3	0	0	3	9	16	7	2	3	0	0	0	0
23:00	12	32.5	26.3	6.4	0	0	2	4	2	3	1	0	0	0	0	0
Total																
2016-10-12	720	28.1	23.6	4.4	6	8	102	351	207	41	3	0	0	0	0	0
2016-10-14	704	28.1	23.6	4.4	3	17	103	331	205	45	0	0	0	0	0	0
12HCT-10	8995	28.7	24.1	4.4	18	56	498	1809	1309	278	21	6	0	0	0	0
24HCB-24	4528	29.2	24.4	4.6	20	59	536	1992	1505	361	38	13	0	0	2	0
AM Peak	11:00	01:00	01:00	01:00	11:00	08:00	11:00	11:00	09:00	07:00	07:00	08:00	00:00	00:00	01:00	00:00
	387	48.0	34.5	13.0	5	5	52	188	124	33	5	2	0	0	1	0
PM Peak	16:00	22:00	23:00	23:00	15:00	14:00	13:00	16:00	17:00	18:00	16:00	21:00	12:00	12:00	12:00	12:00
	432	34.7	28.1	6.4	2	14	59	213	129	39	6	3	0	0	1	0

360 TSL Ltd

Direction: Total Flow																
Hour Beginning	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-15	Bin 3 15-20	Bin 4 20-25	Bin 5 25-30	Bin 6 30-35	Bin 7 35-40	Bin 8 40-45	Bin 9 45-50	Bin 10 50-55	Bin 11 55-60	Bin 12 >=60
00:00	6	34.4	29.3	5.8	0	0	0	2	2	1	1	0	0	0	0	0
01:00	5	48.0	34.5	13.0	0	0	0	0	3	1	0	0	0	0	0	1
02:00	4	35.3	28.8	6.3	0	0	0	1	2	0	1	0	0	0	0	0
03:00	6	33.8	28.2	2.6	0	0	0	4	2	0	0	0	0	0	0	0
04:00	9	39.3	28.3	6.7	0	0	2	3	3	2	1	0	0	0	0	0
05:00	37	33.4	27.4	5.8	0	1	3	8	11	11	12	6	2	0	0	0
06:00	51	32.4	25.1	2	2	3	2	3	3	4	5	6	6	1	0	0
07:00	360	30.5	25.2	5.1	2	5	8	33	129	132	49	6	1	0	0	0
08:00	637	28.5	24.0	4.5	2	5	7	26	281	246	54	24	3	0	0	0
09:00	283	24.2	24.0	2	2	3	6	27	252	232	31	0	0	0	0	0
10:00	682	27.6	23.4	4.1	2	9	206	322	328	185	28	0	0	0	0	0
11:00	624	28.4	24.2	5	5	8	325	325	333	188	33	0	0	0	0	0
12:00	713	27.7	23.6	3.9	1	4	208	343	232	205	25	0	0	0	0	0
13:00	640	26.6	23.6	4.2	1	9	203	348	232	205	29	0	0	0	0	0
14:00	678	27.9	23.4	4.4	2	20	307	306	207	29	1	0	0	0	0	0
15:00	742	27.5	23.3	4.1	3	12	312	316	211	28	0	0	0	0	0	0
16:00	788	29.5	24.0	4.4	5	11	87	382	262	207	37	7	2	0	0	0
17:00	738	28.8	24.1	4.5	3	21	83	319	284	206	41	0	0	0	0	0
18:00	756	29.1	24.1	4.6	1	13	38	328	220	156	6	0	0	0	0	0
19:00	354	30.0	25.2	4.6	1	6	29	125	156	30	0	0	0	0	0	0
20:00	351	29.7	24.5	0	0	0	0	29	95	139	34	4	0	0	0	0
21:00	168	31.9	26.1	5.6	0	0	14	62	65	18	5	0	0	0	0	0
22:00	77	32.9	26.9	5.8	0	0	0	7	21	28	13	3	0	0	0	0
23:00	30	31.9	25.7	5.2	0	0	0	1	7	11	4	1	0	0	0	0
Total																
206130	1330	27.7	23.4	4.2	7	17	307	679	365	41	3	0	0	0	0	0
214810	1514	28.3	23.3	4.2	5	32	218	682	418	57	7	2	0	0	0	0
2248130	1940	28.1	23.9	4.3	31	123	809	861	267	420	41	0	0	0	0	0
2409340	8005	28.7	24.1	4.5	103	313	1112	8976	3006	558	57	15	0	0	0	2
Avg Peak	11:00	11:00	11:00	11:00	10:10	10:10	10:10	11:00	11:00	07:00	06:00	08:00	00:00	00:00	00:00	00:00
Peak	167	42.5	31.8	13.8	0	0	0	0	0	0	0	0	0	0	0	0
Peak Peak	10:00	22:00	22:00	22:00	16:00	17:00	17:00	17:00	17:00	18:00	18:00	21:00	13:00	13:00	21:00	12:00
	745	42.5	29.9	1.8	5	21	132	382	284	50	8	1	0	0	0	0



North Wales ATC 6, A547 Market Street

Direction: Eastbound

11/05/2022																
Hour Beginning	Total Volume	ECN Percentage	Mean Average	Standard Deviation	Bin 1 10-15m	Bin 2 15-20m	Bin 3 20-25m	Bin 4 25-30m	Bin 5 30-35m	Bin 6 35-40m	Bin 7 40-45m	Bin 8 45-50m	Bin 9 50-55m	Bin 10 55-60m	Bin 11 60-65m	Bin 12 65-70m
00:00	7	34.4	26.8	7.3	0	0	2	0	0	1	1	0	0	0	0	0
01:00	3	32.2	29.2	2.9	0	0	0	0	2	1	0	0	0	0	0	0
02:00	1	0	27.5	0	0	0	0	0	1	0	0	0	0	0	0	0
03:00	6	33.4	26.3	4.9	0	0	0	1	4	0	1	0	0	0	0	0
04:00	5	30.8	26.5	4.2	0	0	0	2	2	1	0	0	0	0	0	0
05:00	24	30.3	26.3	4.5	0	0	2	7	10	1	0	0	0	0	0	0
06:00	54	30.9	26.1	4.6	0	1	3	15	28	5	2	0	0	0	0	0
07:00	221	29.1	24.6	4.4	0	1	26	96	73	19	3	0	0	0	0	0
08:00	318	27.9	23.9	3.9	1	2	32	170	97	15	1	0	0	0	0	0
09:00	299	27.6	23.6	3.9	0	3	47	137	105	7	0	0	0	0	0	0
10:00	304	26.9	23.1	3.7	0	2	50	176	63	13	0	0	0	0	0	0
11:00	340	28.0	23.8	4.1	2	5	41	162	138	12	0	0	0	0	0	0
12:00	376	27.7	24.0	3.5	0	3	31	203	138	10	1	0	0	0	0	0
13:00	335	28.1	24.2	3.7	0	3	34	142	136	10	0	0	0	0	0	0
14:00	377	27.6	23.8	3.7	0	3	45	180	130	8	1	0	0	0	0	0
15:00	355	27.8	23.6	4.1	3	5	40	184	109	14	0	0	0	0	0	0
16:00	388	28.7	23.9	4.6	0	0	17	40	156	151	19	0	0	0	0	0
17:00	358	28.3	24.5	3.8	0	0	0	156	144	14	0	0	0	0	0	0
18:00	255	28.7	24.6	4.0	1	0	24	154	101	14	0	0	0	0	0	0
19:00	220	29.0	24.8	4.1	0	1	20	91	81	15	2	0	0	0	0	0
20:00	180	30.1	25.8	4.2	0	0	13	61	83	20	3	0	0	0	0	0
21:00	110	29.9	25.3	4.4	0	0	10	41	46	7	4	0	0	0	0	0
22:00	60	30.5	25.9	4.5	0	0	6	17	28	8	1	0	0	0	0	0
23:00	39	30.8	27.4	3.3	0	0	0	8	25	5	1	0	0	0	0	0
Total																
2016-10-12	644	27.5	23.4	3.9	2	7	91	338	181	25	0	0	0	0	0	0
2016-14-16	732	27.7	23.7	3.9	3	8	85	374	239	22	1	0	0	0	0	0
12016-7-19	806	28.0	23.9	4.0	10	44	460	389	1345	159	6	1	0	0	0	0
24016-9-24	4663	28.4	24.2	4.1	10	46	306	2336	1658	227	21	1	0	0	0	0
AM Peak	11:00	00:00	01:00	00:00	11:00	11:00	10:00	10:00	11:00	07:00	07:00	00:00	00:00	00:00	00:00	00:00
	340	34.4	29.2	7.3	2	5	50	176	118	19	3	0	0	0	0	0
PM Peak	16:00	23:00	23:00	16:00	15:00	16:00	14:00	12:00	16:00	20:00	21:00	18:00	12:00	12:00	12:00	12:00
	388	30.8	27.4	4.6	3	17	45	203	151	20	4	1	0	0	0	0

360 TSL Ltd

Direction: Westbound

Hour Beginning	Total Volume	ECN Percentage	Mean Average	Standard Deviation	Bin 1 10-15m	Bin 2 15-20m	Bin 3 20-25m	Bin 4 25-30m	Bin 5 30-35m	Bin 6 35-40m	Bin 7 40-45m	Bin 8 45-50m	Bin 9 50-55m	Bin 10 55-60m	Bin 11 60-65m	Bin 12 65-70m
00:00	5	42.8	33.5	8.9	0	0	0	1	0	3	0	0	1	0	0	0
01:00	1	0	27.5	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	2	34.8	27.5	7.1	0	0	0	1	0	1	0	0	0	0	0	0
03:00	7	32.3	26.8	5.3	0	0	0	3	1	0	1	0	0	0	0	0
04:00	6	39.5	34.2	5.2	0	0	0	0	1	3	1	1	0	0	0	0
05:00	11	31.9	25.7	4.0	0	0	0	6	1	2	0	0	0	0	0	0
06:00	47	31.9	27.8	4.0	0	0	0	13	18	16	0	0	0	0	0	0
07:00	137	30.5	25.8	4.5	1	0	6	57	51	20	1	1	0	0	0	0
08:00	259	28.6	24.6	3.9	0	3	19	119	101	17	0	0	0	0	0	0
09:00	330	28.9	24.2	4.6	0	3	51	147	98	25	6	0	0	0	0	0
10:00	374	28.7	23.9	4.9	0	13	58	170	112	16	2	0	0	0	0	0
11:00	392	27.9	23.6	4.1	2	3	55	199	113	18	2	0	0	0	0	0
12:00	328	28.4	24.0	4.3	1	5	46	134	125	17	0	0	0	0	0	0
13:00	318	28.6	24.2	4.2	1	5	42	120	135	15	0	0	0	0	0	0
14:00	335	27.9	24.1	3.7	0	0	36	172	113	12	2	0	0	0	0	0
15:00	387	27.5	23.4	4.0	0	4	62	199	105	16	1	0	0	0	0	0
16:00	390	28.5	24.2	4.2	0	7	44	175	140	22	2	0	0	0	0	0
17:00	345	29.0	24.5	4.4	0	7	35	154	117	24	3	0	0	0	0	0
18:00	280	28.7	25.1	4.4	0	1	26	118	101	29	5	0	0	0	0	0
19:00	230	30.2	25.3	4.7	0	1	11	89	66	17	4	1	1	0	0	0
20:00	238	31.5	26.7	4.6	0	1	12	68	104	45	6	1	0	0	0	0
21:00	149	31.5	26.8	4.6	0	1	10	34	72	28	4	0	0	0	0	0
22:00	95	34.2	28.3	4.7	0	0	3	8	48	24	11	1	0	0	0	0
23:00	37	34.3	30.3	3.8	0	0	0	3	13	18	3	0	0	0	0	0
Total																
201610-12	766	28.3	23.6	4.5	2	16	111	369	225	34	4	0	3	0	0	0
201614-16	722	27.7	23.7	3.9	0	4	58	371	218	28	3	0	0	0	0	0
120167-19	875	28.6	24.1	4.3	5	51	480	1704	1311	236	24	1	3	0	0	0
240169-24	4663	29.3	24.6	4.5	5	54	517	3991	3638	393	55	5	5	0	0	0
AM Peak	11:00	00:00	04:00	00:00	11:00	10:00	10:00	11:00	11:00	09:00	09:00	04:00	10:00	00:00	00:00	00:00
	392	42.8	34.2	8.9	2	3	58	199	113	25	6	1	3	0	0	0
PM Peak	16:00	22:00	23:00	22:00	12:00	16:00	15:00	15:00	16:00	20:00	22:00	18:00	19:00	12:00	12:00	12:00
	390	34.3	30.3	4.7	1	7	62	379	140	45	11	1	1	0	0	0

360 TSL Ltd

Direction: Total Flow

Hour	Total	ECN	Mean	Standard	Bin 1	Bin 2	Bin 3	Bin 4	Bin 5	Bin 6	Bin 7	Bin 8	Bin 9	Bin 10	Bin 11	Bin 12
Volume	Percentage	Deviation	10-15m	15-20m	20-25m	25-30m	30-35m	35-40m	40-45m	45-50m	50-55m	55-60m	60-65m	65-70m	70-75m	
00:00	12	38.3	29.6	8.4	0	0	2	1	3	4	1	0	1	0	0	0
01:00	4	31.3	28.8	2.5	0	0	0	0	3	1	0	0	0	0	0	0
02:00	3	32.7	27.5	5.0	0	0	0	1	1	1	0	0	0	0	0	0
03:00	13	32.7	27.5	5.0	0	0	0	4	7	0	2	0	0	0	0	0
04:00	11	36.9	30.7	4.0	0	0	0	2	4	1	1	0	0	0	0	0
05:00	35	31.2	26.1	4.9	0	0	3	13	11	7	1	0	0	0	0	0
06:00	101	31.4	26.9	4.4	0	1	3	28	46	21	2	0	0	0	0	0
07:00	158	28.7	25.0	4.5	1	1	1	32	156	124	39	4	1	0	0	0
08:00	277	28.2	24.2	3.9	1	5	51	289	198	32	1	0	0	0	0	0
09:00	429	28.3	23.9	4.3	0	6	98	284	203	32	0	0	0	0	0	0
10:00	678	27.9	23.4	4.4	0	15	108	346	175	29	2	0	3	0	0	0
11:00	732	27.8	23.7	4.2	4	8	96	361	231	30	1	0	0	0	0	0
12:00	704	28.0	24.0	3.9	1	8	77	337	253	27	1	0	0	0	0	0
13:00	633	28.5	24.2	4.0	1	8	76	262	261	29	0	0	0	0	0	0
14:00	712	27.7	23.9	3.7	0	3	81	262	243	20	1	0	0	0	0	0
15:00	742	27.7	23.5	4.0	3	9	102	383	214	30	1	0	0	0	0	0
16:00	778	28.6	24.0	4.4	3	24	84	333	291	41	1	0	0	0	0	0
17:00	703	28.7	24.5	4.1	0	7	75	310	261	47	3	0	0	0	0	0
18:00	555	29.2	24.9	4.2	1	1	56	232	202	43	1	0	0	0	0	0
19:00	400	29.6	25.0	4.4	0	2	31	180	147	32	6	1	1	0	0	0
20:00	418	30.9	26.3	4.4	0	1	25	130	187	65	9	1	0	0	0	0
21:00	259	30.9	26.2	4.6	0	1	20	77	118	35	7	0	0	0	0	0
22:00	155	33.1	28.0	4.9	0	0	9	25	76	32	12	1	0	0	0	0
23:00	76	33.8	29.8	3.9	0	0	0	11	38	23	4	0	0	0	0	0
Total																
2023-12-31																
14540	27.9	23.5	4.3	4	23	204	707	406	59	4	0	3	0	0	0	0
14544	27.7	23.7	3.9	3	12	183	745	437	50	4	0	0	0	0	0	0
781	28.1	24.0	4.1	15	95	830	830	500	2	1	0	0	0	0	0	0
24940	28.8	24.9	4.4	15	100	1023	4127	3296	630	76	6	5	0	0	0	0
Hour	11:00	00:00	04:00	00:00	11:00	10:00	11:00	11:00	07:00	00:00	04:00	10:00	00:00	00:00	00:00	00:00
Vol	172	18.4	8	1	5	20	14	1	1	1	1	1	1	1	1	1
ECN	10.00	23.00	71.00	22.00	15.00	18.00	21.00	18.00	20.00	23.00	18.00	19.00	12.00	12.00	12.00	12.00
Mean	27.7	28.1	28.8		30.0	30.0	30.0	29.1		29.1						



North Wales ATC 8, A548 Chapel Street



Direction: Northbound

Hour Beginning	Thu 28/04/2022	Fri 29/04/2022	Sat 30/04/2022	Sun 01/05/2022	Mon 02/05/2022	Tue 03/05/2022	Wed 04/05/2022	5-Day Ave.	7-Day Ave.
00:00	6	4	7	9	11	9	2	6	7
01:00	2	5	5	18	5	2	7	4	6
02:00	2	0	0	6	3	0	2	1	2
03:00	8	4	5	3	4	5	4	5	5
04:00	6	1	5	2	3	9	6	5	5
05:00	22	27	21	5	11	31	31	24	21
06:00	69	70	30	15	22	67	84	62	51
07:00	181	187	81	42	48	211	191	164	134
08:00	286	314	149	74	105	294	308	261	219
09:00	223	225	193	161	160	203	229	208	199
10:00	258	252	214	222	194	215	224	229	226
11:00	231	238	230	212	224	223	201	223	223
12:00	219	216	183	217	192	210	176	203	202
13:00	197	214	208	175	195	173	217	199	197
14:00	214	192	173	150	153	220	227	201	190
15:00	199	215	171	162	174	209	213	202	192
16:00	229	252	189	142	150	218	191	208	196
17:00	249	241	188	173	141	242	249	224	212
18:00	166	214	160	120	135	155	187	171	162
19:00	118	124	134	116	87	133	129	118	120
20:00	74	100	88	86	71	74	86	81	83
21:00	65	79	68	36	52	54	58	62	59
22:00	34	48	44	27	26	31	28	33	34
23:00	10	12	33	16	11	13	16	12	16
Total									
12H(7-19)	2652	2760	2139	1850	1871	2573	2613	2494	2351
16H(6-22)	2978	3133	2459	2103	2103	2901	2970	2817	2664
18H(6-24)	3022	3193	2536	2146	2140	2945	3014	2863	2714
24H(0-24)	3068	3234	2579	2189	2177	3001	3066	2909	2759
AM Peak	08:00	08:00	11:00	10:00	11:00	08:00	08:00	08:00	10:00
	286	314	230	222	224	294	308	261	226
PM Peak	17:00	16:00	13:00	12:00	13:00	17:00	17:00	17:00	17:00
	249	252	208	217	195	242	249	224	212

360 TSL Ltd

Direction: Southbound

Hour Beginning	Thu 28/04/2022	Fri 29/04/2022	Sat 30/04/2022	Sun 01/05/2022	Mon 02/05/2022	Tue 03/05/2022	Wed 04/05/2022	5-Day Ave.	7-Day Ave.
00:00	7	13	17	21	9	5	7	8	11
01:00	3	7	5	16	6	1	4	4	6
02:00	1	3	4	5	6	2	2	3	3
03:00	3	1	10	4	2	6	2	3	4
04:00	3	0	6	3	1	5	2	2	3
05:00	12	7	4	2	5	6	14	9	7
06:00	40	31	13	11	20	38	34	33	27
07:00	158	147	45	33	35	147	133	124	100
08:00	275	277	104	52	73	242	283	230	187
09:00	269	220	154	95	95	243	239	213	188
10:00	197	230	158	117	120	192	175	183	170
11:00	206	200	183	161	126	190	186	182	179
12:00	210	209	205	193	163	214	184	196	197
13:00	200	247	167	197	171	222	209	210	202
14:00	216	176	174	188	131	187	194	181	181
15:00	237	231	197	181	160	180	224	206	201
16:00	237	244	195	196	147	257	296	236	225
17:00	242	207	208	146	133	273	309	233	217
18:00	199	214	193	123	162	194	213	196	185
19:00	150	165	153	106	112	169	151	149	144
20:00	101	144	129	84	89	105	119	112	110
21:00	71	106	88	58	54	59	71	72	72
22:00	63	60	52	40	44	51	40	52	50
23:00	20	23	29	14	11	19	20	19	19
Total									
12H(7-19)	2646	2602	1983	1682	1516	2541	2645	2390	2231
16H(6-22)	3008	3048	2366	1941	1791	2912	3020	2756	2584
18H(6-24)	3091	3131	2447	1995	1846	2982	3080	2826	2653
24H(0-24)	3120	3162	2493	2046	1875	3007	3111	2855	2688
AM Peak	08:00	08:00	11:00	11:00	11:00	09:00	08:00	08:00	09:00
	275	277	183	161	126	243	283	230	188
PM Peak	17:00	13:00	17:00	13:00	13:00	17:00	17:00	16:00	16:00
	242	247	208	197	171	273	309	236	225

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Thu 28/04/2022	Fri 29/04/2022	Sat 30/04/2022	Sun 01/05/2022	Mon 02/05/2022	Tue 03/05/2022	Wed 04/05/2022	5-Day Ave.	7-Day Ave.
00:00	13	17	24	30	20	14	9	15	18
01:00	5	12	10	34	11	3	11	8	12
02:00	3	3	4	11	9	2	4	4	5
03:00	11	5	15	7	6	11	6	8	9
04:00	9	1	11	5	4	14	8	7	7
05:00	34	34	25	7	16	37	45	33	28
06:00	109	101	43	26	42	105	118	95	78
07:00	339	334	126	75	83	358	324	288	234
08:00	561	591	253	126	178	536	591	491	405
09:00	492	445	347	256	255	446	468	421	387
10:00	455	482	372	339	314	407	399	411	395
11:00	437	438	413	373	350	413	387	405	402
12:00	429	425	368	410	355	424	360	399	399
13:00	397	461	375	372	366	395	426	409	399
14:00	430	368	347	338	284	407	421	382	371
15:00	436	446	368	343	334	389	437	408	393
16:00	466	496	384	338	297	475	487	444	420
17:00	491	448	396	319	274	515	558	457	429
18:00	365	428	353	243	297	349	400	368	348
19:00	268	289	287	222	199	302	280	268	264
20:00	175	244	217	170	160	179	205	193	193
21:00	136	185	156	94	106	113	129	134	131
22:00	97	108	96	67	70	82	68	85	84
23:00	30	35	62	30	22	32	36	31	35
Total									
12H(7-19)	5298	5362	4122	3532	3387	5114	5258	4884	4582
16H(6-22)	5986	6181	4825	4044	3894	5813	5990	5573	5248
18H(6-24)	6113	6324	4983	4141	3986	5927	6094	5689	5367
24H(0-24)	6188	6396	5072	4235	4052	6008	6177	5764	5447
AM Peak	08:00	08:00	11:00	11:00	11:00	08:00	08:00	08:00	08:00
	561	591	413	373	350	536	591	491	405
PM Peak	17:00	16:00	17:00	12:00	13:00	17:00	17:00	17:00	17:00
	491	496	396	410	366	515	558	457	429

360 TSL Ltd



## North Wales ATC 8, A548 Chapel Street

Direction: Northbound

	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 28 Apr 2022	3068	2824	229	4	11
Fri 29 Apr 2022	3234	3023	191	13	7
Sat 30 Apr 2022	2579	2417	151	3	8
Sun 1 May 2022	2189	2105	82	1	1
Mon 2 May 2022	2177	2049	120	5	3
Tue 3 May 2022	3001	2708	264	15	14
Wed 4 May 2022	3066	2851	206	5	4
5 Day Ave.	2909	2691	202	8	8
7 Day Ave.	2759	2568	178	7	7

Direction: Southbound

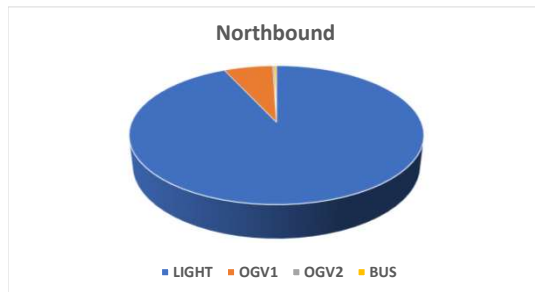
	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 28 Apr 2022	3120	2613	475	3	29
Fri 29 Apr 2022	3162	2567	556	10	29
Sat 30 Apr 2022	2493	2088	382	1	22
Sun 1 May 2022	2046	1707	332	1	6
Mon 2 May 2022	1875	1547	306	5	17
Tue 3 May 2022	3007	2408	539	7	53
Wed 4 May 2022	3111	2559	500	3	49
5 Day Ave.	2855	2339	475	6	35
7 Day Ave.	2688	2213	441	4	29

Direction: Total Flow

	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 28 Apr 2022	6188	5437	704	7	40
Fri 29 Apr 2022	6396	5590	747	23	36
Sat 30 Apr 2022	5072	4505	533	4	30
Sun 1 May 2022	4235	3812	414	2	7
Mon 2 May 2022	4052	3596	426	10	20
Tue 3 May 2022	6008	5116	803	22	67
Wed 4 May 2022	6177	5410	706	8	53
5 Day Ave.	5764	5030	677	14	43
7 Day Ave.	5447	4781	619	11	36

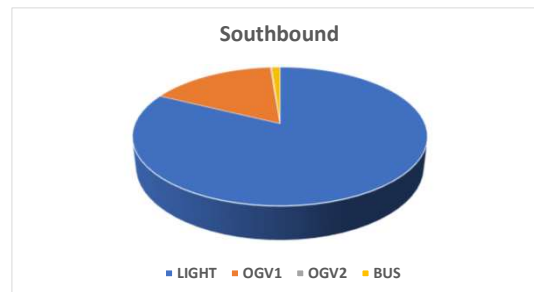
	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 28 Apr 2022	100.0%	92.0%	7.5%	0.1%	0.4%
Fri 29 Apr 2022	100.0%	93.5%	5.9%	0.4%	0.2%
Sat 30 Apr 2022	100.0%	93.7%	5.9%	0.1%	0.3%
Sun 1 May 2022	100.0%	96.2%	3.7%	0.0%	0.0%
Mon 2 May 2022	100.0%	94.1%	5.5%	0.2%	0.1%
Tue 3 May 2022	100.0%	90.2%	8.8%	0.5%	0.5%
Wed 4 May 2022	100.0%	93.0%	6.7%	0.2%	0.1%
5 Day Ave.	100.0%	92.5%	6.9%	0.3%	0.3%
7 Day Ave.	100.0%	93.1%	6.4%	0.2%	0.2%

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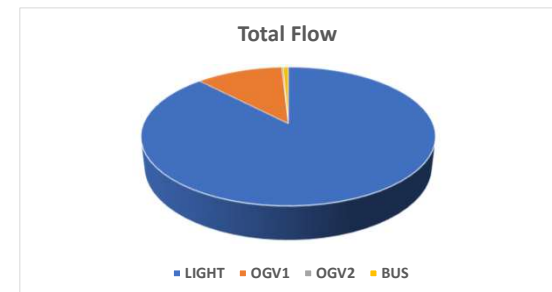
	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 28 Apr 2022	100.0%	83.8%	15.2%	0.1%	0.9%
Fri 29 Apr 2022	100.0%	81.2%	17.6%	0.3%	0.9%
Sat 30 Apr 2022	100.0%	83.8%	15.3%	0.0%	0.9%
Sun 1 May 2022	100.0%	83.4%	16.2%	0.0%	0.3%
Mon 2 May 2022	100.0%	82.5%	16.3%	0.3%	0.9%
Tue 3 May 2022	100.0%	80.1%	17.9%	0.2%	1.8%
Wed 4 May 2022	100.0%	82.3%	16.1%	0.1%	1.6%
5 Day Ave.	100.0%	81.9%	16.6%	0.2%	1.2%
7 Day Ave.	100.0%	82.3%	16.4%	0.2%	1.1%

360 TSL Ltd



	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 28 Apr 2022	100.0%	87.9%	11.4%	0.1%	0.6%
Fri 29 Apr 2022	100.0%	87.4%	11.7%	0.4%	0.6%
Sat 30 Apr 2022	100.0%	88.8%	10.5%	0.1%	0.6%
Sun 1 May 2022	100.0%	90.0%	9.8%	0.0%	0.2%
Mon 2 May 2022	100.0%	88.7%	10.5%	0.2%	0.5%
Tue 3 May 2022	100.0%	85.2%	13.4%	0.4%	1.1%
Wed 4 May 2022	100.0%	87.6%	11.4%	0.1%	0.9%
5 Day Ave.	100.0%	87.3%	11.7%	0.2%	0.7%
7 Day Ave.	100.0%	87.8%	11.4%	0.2%	0.7%

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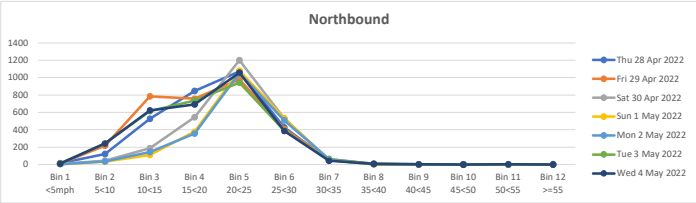


North Wales ATC 8, A548 Chapel Street

Direction: Northbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5<10	Bin 3 10<15	Bin 4 15<20	Bin 5 20<25	Bin 6 25<30	Bin 7 30<35	Bin 8 35<40	Bin 9 40<45	Bin 10 45<50	Bin 11 50<55	Bin 12 >=55
Thu 28 Apr 2022	3068	25.7	19.7	5.8	14	121	526	847	1073	427	50	5	1	0	0	4
Fri 29 Apr 2022	3234	25.3	18.7	6.3	11	216	785	757	979	410	64	8	0	0	0	4
Sat 30 Apr 2022	2579	26.9	21.7	5.0	8	45	188	545	1201	529	56	5	2	0	0	0
Sun 1 May 2022	2189	27.2	22.3	4.7	5	32	110	377	1079	532	52	2	0	0	0	0
Mon 2 May 2022	2177	27.6	22.3	5.1	5	38	143	356	1054	508	63	7	0	0	3	0
Tue 3 May 2022	3001	25.2	18.8	6.2	13	241	615	736	942	392	52	9	1	0	0	0
Wed 4 May 2022	3066	25.3	18.9	6.2	10	241	624	694	1058	386	42	8	1	0	2	0
5 Day Ave.	2909	25.8	19.7	5.9	11	171	539	678	1021	425	54	7	1	0	1	2
7 Day Ave.	2759	26.2	20.3	5.6	9	133	427	616	1055	455	54	6	1	0	1	1

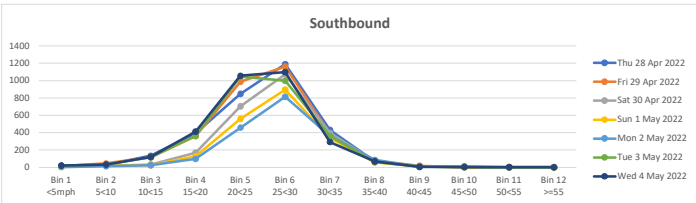
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Direction: Southbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5<10	Bin 3 10<15	Bin 4 15<20	Bin 5 20<25	Bin 6 25<30	Bin 7 30<35	Bin 8 35<40	Bin 9 40<45	Bin 10 45<50	Bin 11 50<55	Bin 12 >=55
Thu 28 Apr 2022	3120	31.2	24.9	6.0	14	29	133	394	848	1190	429	67	9	5	1	1
Fri 29 Apr 2022	3162	31.0	24.8	6.0	14	45	116	359	988	1162	385	74	16	2	1	0
Sat 30 Apr 2022	2493	32.0	26.2	5.5	9	18	32	170	702	1074	395	70	15	3	2	3
Sun 1 May 2022	2046	32.0	26.3	5.5	6	19	25	128	560	895	338	58	11	3	1	2
Mon 2 May 2022	1875	32.7	27.0	5.5	3	15	25	97	457	814	360	86	7	11	0	0
Tue 3 May 2022	3007	30.5	24.4	5.9	19	33	117	363	1047	998	359	61	8	2	0	0
Wed 4 May 2022	3111	30.4	24.3	5.9	20	32	120	412	1056	1099	291	68	6	4	2	1
5 Day Ave.	2855	31.2	25.1	5.8	14	31	102	325	879	1053	365	71	9	5	1	0
7 Day Ave.	2688	31.4	25.4	5.8	12	27	81	275	808	1033	365	69	10	4	1	1

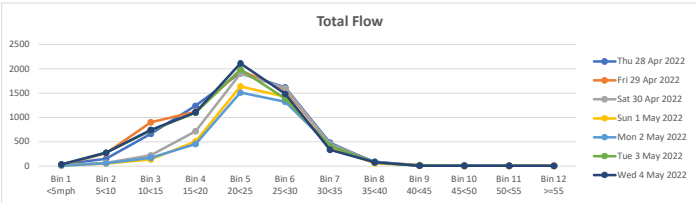
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Direction: Total Flow

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5<10	Bin 3 10<15	Bin 4 15<20	Bin 5 20<25	Bin 6 25<30	Bin 7 30<35	Bin 8 35<40	Bin 9 40<45	Bin 10 45<50	Bin 11 50<55	Bin 12 >=55
Thu 28 Apr 2022	6188	29.1	22.3	6.5	28	150	659	1241	1921	1617	479	72	10	5	1	5
Fri 29 Apr 2022	6396	28.8	21.7	6.8	25	261	901	1116	1967	1572	449	82	16	2	1	4
Sat 30 Apr 2022	5072	29.9	23.9	5.7	17	63	220	715	1903	1603	451	75	17	3	2	3
Sun 1 May 2022	4235	29.9	24.3	5.5	11	51	135	505	1639	1427	390	60	11	3	1	2
Mon 2 May 2022	4052	30.5	24.4	5.8	8	53	168	453	1511	1322	423	93	7	11	3	0
Tue 3 May 2022	6008	28.5	21.6	6.7	32	274	732	1099	1989	1390	411	70	9	2	0	0
Wed 4 May 2022	6177	28.5	21.6	6.6	30	273	744	1106	2114	1485	333	76	7	4	4	1
5 Day Ave.	5764	29.1	22.4	6.5	25	202	641	1003	1900	1477	419	79	10	5	2	2
7 Day Ave.	5447	29.3	22.8	6.2	22	161	508	891	1863	1488	419	75	11	4	2	2

360 TSL Ltd





## North Wales ATC 8, A548 Chapel Street

Direction: Northbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5<10	Bin 3 10<15	Bin 4 15<20	Bin 5 20<25	Bin 6 25<30	Bin 7 30<35	Bin 8 35<40	Bin 9 40<45	Bin 10 45<50	Bin 11 50<55	Bin 12 >=55
Thu 28 Apr 2022	489	23.5	17.9	5.3	5	34	95	170	151	34	0	0	0	0	0	0
Fri 29 Apr 2022	490	21.5	16.0	5.3	2	63	156	147	106	16	0	0	0	0	0	0
Sat 30 Apr 2022	444	25.5	20.7	4.7	1	9	41	118	212	60	2	1	0	0	0	0
Sun 1 May 2022	434	26.6	22.4	4.0	0	2	18	66	256	82	10	0	0	0	0	0
Mon 2 May 2022	418	27.3	21.0	6.0	1	10	58	78	196	61	8	3	0	0	3	0
Tue 3 May 2022	438	23.1	17.4	5.5	3	39	108	134	124	29	1	0	0	0	0	0
Wed 4 May 2022	425	23.4	17.9	5.3	2	29	104	112	158	19	1	0	0	0	0	0
5 Day Ave.	452	23.7	18.0	5.5	3	35	104	128	147	32	2	1	0	0	1	0
7 Day Ave.	448	24.4	19.0	5.2	2	27	83	118	172	43	3	1	0	0	0	0

360 TSL Ltd

Direction: Southbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5<10	Bin 3 10<15	Bin 4 15<20	Bin 5 20<25	Bin 6 25<30	Bin 7 30<35	Bin 8 35<40	Bin 9 40<45	Bin 10 45<50	Bin 11 50<55	Bin 12 >=55
Thu 28 Apr 2022	403	28.3	22.6	5.5	3	2	30	78	155	106	28	1	0	0	0	0
Fri 29 Apr 2022	430	27.6	22.0	5.4	8	5	22	93	177	113	12	0	0	0	0	0
Sat 30 Apr 2022	341	30.5	26.1	4.2	0	0	3	15	118	149	52	4	0	0	0	0
Sun 1 May 2022	278	31.4	26.8	4.4	1	1	1	5	76	144	44	5	0	1	0	0
Mon 2 May 2022	246	30.9	26.1	4.6	1	0	3	11	81	109	36	5	0	0	0	0
Tue 3 May 2022	382	28.8	23.8	4.8	1	4	6	54	171	115	29	2	0	0	0	0
Wed 4 May 2022	361	29.2	24.1	4.9	2	0	4	55	147	127	20	5	0	1	0	0
5 Day Ave.	364	28.9	23.7	5.1	3	2	13	58	146	114	25	3	0	0	0	0
7 Day Ave.	349	29.5	24.5	4.9	2	2	10	44	132	123	32	3	0	0	0	0

360 TSL Ltd

Direction: Total Flow

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5<10	Bin 3 10<15	Bin 4 15<20	Bin 5 20<25	Bin 6 25<30	Bin 7 30<35	Bin 8 35<40	Bin 9 40<45	Bin 10 45<50	Bin 11 50<55	Bin 12 >=55
Thu 28 Apr 2022	892	26.2	20.0	5.9	8	36	125	248	306	140	28	1	0	0	0	0
Fri 29 Apr 2022	920	25.1	18.8	6.1	10	68	178	240	283	129	12	0	0	0	0	0
Sat 30 Apr 2022	785	28.5	23.0	5.3	1	9	44	133	330	209	54	5	0	0	0	0
Sun 1 May 2022	712	29.0	24.1	4.7	1	3	19	71	332	226	54	5	0	1	0	0
Mon 2 May 2022	664	29.2	22.9	6.1	2	10	61	89	277	170	44	8	0	0	3	0
Tue 3 May 2022	820	26.7	20.4	6.1	4	43	114	188	295	144	30	2	0	0	0	0
Wed 4 May 2022	786	26.9	20.7	6.0	4	29	108	167	305	146	21	5	0	1	0	0
5 Day Ave.	816	26.8	20.6	6.0	6	37	117	186	293	146	27	3	0	0	1	0
7 Day Ave.	797	27.4	21.4	5.7	4	28	93	162	304	166	35	4	0	0	0	0

360 TSL Ltd



## North Wales ATC 8, A548 Chapel Street

Direction: Northbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5<10	Bin 3 10<15	Bin 4 15<20	Bin 5 20<25	Bin 6 25<30	Bin 7 30<35	Bin 8 35<40	Bin 9 40<45	Bin 10 45<50	Bin 11 50<55	Bin 12 >=55
Thu 28 Apr 2022	413	23.2	18.0	5.0	1	22	93	144	126	27	0	0	0	0	0	0
Fri 29 Apr 2022	407	21.6	16.2	5.3	1	41	144	121	83	15	1	1	0	0	0	0
Sat 30 Apr 2022	344	26.4	21.3	4.9	0	6	25	84	171	50	5	1	2	0	0	0
Sun 1 May 2022	312	26.8	22.1	4.4	1	3	13	61	163	64	7	0	0	0	0	0
Mon 2 May 2022	327	26.5	21.5	4.9	1	9	24	58	167	67	1	0	0	0	0	0
Tue 3 May 2022	429	20.1	14.4	5.5	5	95	152	104	58	15	0	0	0	0	0	0
Wed 4 May 2022	440	23.8	17.5	6.1	2	35	127	119	127	24	2	2	0	0	2	0
5 Day Ave.	403	23.1	17.5	5.4	2	40	108	109	112	30	1	1	0	0	0	0
7 Day Ave.	382	24.1	18.7	5.2	2	30	83	99	128	37	2	1	0	0	0	0

360 TSL Ltd

Direction: Southbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5<10	Bin 3 10<15	Bin 4 15<20	Bin 5 20<25	Bin 6 25<30	Bin 7 30<35	Bin 8 35<40	Bin 9 40<45	Bin 10 45<50	Bin 11 50<55	Bin 12 >=55
Thu 28 Apr 2022	453	29.4	24.1	5.2	2	3	14	61	174	156	39	3	1	0	0	0
Fri 29 Apr 2022	407	28.9	23.6	5.2	1	4	14	66	161	131	25	4	1	0	0	0
Sat 30 Apr 2022	371	31.1	25.9	5.0	1	1	6	25	114	163	49	11	1	0	0	0
Sun 1 May 2022	369	30.9	25.1	5.6	3	4	4	40	115	154	38	9	2	0	0	0
Mon 2 May 2022	291	31.8	26.2	5.4	1	4	4	19	73	134	45	11	0	0	0	0
Tue 3 May 2022	367	27.3	21.8	5.3	4	4	28	74	172	67	17	1	0	0	0	0
Wed 4 May 2022	418	29.2	23.7	5.3	2	3	18	57	164	137	34	3	0	0	0	0
5 Day Ave.	387	29.3	23.9	5.3	2	4	16	55	149	125	32	4	0	0	0	0
7 Day Ave.	382	29.8	24.3	5.3	2	3	13	49	139	135	35	6	1	0	0	0

360 TSL Ltd

Direction: Total Flow

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5<10	Bin 3 10<15	Bin 4 15<20	Bin 5 20<25	Bin 6 25<30	Bin 7 30<35	Bin 8 35<40	Bin 9 40<45	Bin 10 45<50	Bin 11 50<55	Bin 12 >=55
Thu 28 Apr 2022	866	27.3	21.2	5.9	3	25	107	205	300	183	39	3	1	0	0	0
Fri 29 Apr 2022	814	26.5	19.9	6.4	2	45	158	187	244	146	26	5	1	0	0	0
Sat 30 Apr 2022	715	29.4	23.7	5.5	1	7	31	109	285	213	54	12	3	0	0	0
Sun 1 May 2022	681	29.2	23.8	5.3	4	7	17	101	278	218	45	9	2	0	0	0
Mon 2 May 2022	618	29.5	23.7	5.6	2	13	28	77	240	201	46	11	0	0	0	0
Tue 3 May 2022	796	24.6	17.8	6.6	9	99	180	178	230	82	17	1	0	0	0	0
Wed 4 May 2022	858	27.3	20.5	6.5	4	38	145	176	291	161	36	5	0	0	2	0
5 Day Ave.	790	27.1	20.6	6.2	4	44	124	165	261	155	33	5	0	0	0	0
7 Day Ave.	764	27.7	21.5	6.0	4	33	95	148	267	172	38	7	1	0	0	0

360 TSL Ltd



# North Wales ATC 8, A548 Chapel Street

Direction: Northbound

28/04/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	6	5	1	0	0
01:00	2	2	0	0	0
02:00	2	2	0	0	0
03:00	8	7	0	0	1
04:00	6	5	1	0	0
05:00	22	21	1	0	0
06:00	69	54	15	0	0
07:00	181	166	15	0	0
08:00	286	269	15	0	2
09:00	223	203	20	0	0
10:00	258	240	15	1	2
11:00	231	209	22	0	0
12:00	219	199	18	0	2
13:00	197	175	22	0	0
14:00	214	190	23	0	1
15:00	199	181	16	0	2
16:00	229	215	11	2	1
17:00	249	236	13	0	0
18:00	166	156	9	1	0
19:00	118	113	5	0	0
20:00	74	71	3	0	0
21:00	65	63	2	0	0
22:00	34	32	2	0	0
23:00	10	10	0	0	0
Total					
12H(7-19)	2652	2439	199	4	10
16H(6-22)	2978	2740	224	4	10
18H(6-24)	3022	2782	226	4	10
24H(0-24)	3068	2824	229	4	11
AM Peak	08:00	08:00	11:00	10:00	08:00
	286	269	22	1	2
PM Peak	17:00	17:00	14:00	16:00	12:00
	249	236	23	2	2

360 TSL Ltd

Direction: Southbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	7	6	1	0	0
01:00	3	3	0	0	0
02:00	1	1	0	0	0
03:00	3	2	1	0	0
04:00	3	0	2	1	0
05:00	12	10	2	0	0
06:00	40	34	6	0	0
07:00	158	139	16	0	3
08:00	275	243	30	0	2
09:00	269	232	36	0	1
10:00	197	155	36	1	5
11:00	206	171	33	0	2
12:00	210	174	34	0	2
13:00	200	163	32	0	5
14:00	216	170	43	0	3
15:00	237	189	45	1	2
16:00	237	204	33	0	0
17:00	242	193	48	0	1
18:00	199	168	29	0	2
19:00	150	129	20	0	1
20:00	101	86	15	0	0
21:00	71	63	8	0	0
22:00	63	59	4	0	0
23:00	20	19	1	0	0
Total					
12H(7-19)	2646	2201	415	2	28
16H(6-22)	3008	2513	464	2	29
18H(6-24)	3091	2591	469	2	29
24H(0-24)	3120	2613	475	3	29
AM Peak	08:00	08:00	09:00	04:00	10:00
	275	243	36	1	5
PM Peak	17:00	16:00	17:00	15:00	13:00
	242	204	48	1	5

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	13	11	2	0	0
01:00	5	5	0	0	0
02:00	3	3	0	0	0
03:00	11	9	1	0	1
04:00	9	5	3	1	0
05:00	34	31	3	0	0
06:00	109	88	21	0	0
07:00	339	305	31	0	3
08:00	561	512	45	0	4
09:00	492	435	56	0	1
10:00	455	395	51	2	7
11:00	437	380	55	0	2
12:00	429	373	52	0	4
13:00	397	338	54	0	5
14:00	430	360	66	0	4
15:00	436	370	61	1	4
16:00	466	419	44	2	1
17:00	491	429	61	0	1
18:00	365	324	38	1	2
19:00	268	242	25	0	1
20:00	175	157	18	0	0
21:00	136	126	10	0	0
22:00	97	91	6	0	0
23:00	30	29	1	0	0
Total					
12H(7-19)	5298	4640	614	6	38
16H(6-22)	5986	5253	688	6	39
18H(6-24)	6113	5373	695	6	39
24H(0-24)	6188	5437	704	7	40
AM Peak	08:00	08:00	09:00	10:00	10:00
	561	512	56	2	7
PM Peak	17:00	17:00	14:00	16:00	13:00
	491	429	66	2	5

360 TSL Ltd



# North Wales ATC 8, A548 Chapel Street

Direction: Northbound

29/04/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	4	3	1	0	0
01:00	5	4	1	0	0
02:00	0	0	0	0	0
03:00	4	3	1	0	0
04:00	1	1	0	0	0
05:00	27	26	1	0	0
06:00	70	61	9	0	0
07:00	187	169	18	0	0
08:00	314	303	11	0	0
09:00	225	207	16	0	2
10:00	252	224	24	2	2
11:00	238	225	12	0	1
12:00	216	200	14	1	1
13:00	214	203	9	2	0
14:00	192	176	13	3	0
15:00	215	194	20	1	0
16:00	252	243	8	1	0
17:00	241	221	18	1	1
18:00	214	208	4	2	0
19:00	124	120	4	0	0
20:00	100	98	2	0	0
21:00	79	75	4	0	0
22:00	48	47	1	0	0
23:00	12	12	0	0	0
Total					
12H(7-19)	2760	2573	167	13	7
16H(6-22)	3133	2927	186	13	7
18H(6-24)	3193	2986	187	13	7
24H(0-24)	3234	3023	191	13	7
AM Peak	08:00 314	08:00 303	10:00 24	10:00 2	09:00 2
PM Peak	16:00 252	16:00 243	15:00 20	14:00 3	12:00 1

360 TSL Ltd

Direction: Southbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	13	10	3	0	0
01:00	7	6	1	0	0
02:00	3	1	2	0	0
03:00	1	0	1	0	0
04:00	0	0	0	0	0
05:00	7	6	0	0	1
06:00	31	24	6	0	1
07:00	147	129	17	0	1
08:00	277	226	46	2	3
09:00	220	177	38	0	5
10:00	230	180	46	0	4
11:00	200	161	37	0	2
12:00	209	168	38	1	2
13:00	247	198	45	1	3
14:00	176	138	37	1	0
15:00	231	180	48	0	3
16:00	244	202	39	1	2
17:00	207	150	53	3	1
18:00	214	183	30	1	0
19:00	165	136	28	0	1
20:00	144	128	16	0	0
21:00	106	90	16	0	0
22:00	60	54	6	0	0
23:00	23	20	3	0	0
Total					
12H(7-19)	2602	2092	474	10	26
16H(6-22)	3048	2470	540	10	28
18H(6-24)	3131	2544	549	10	28
24H(0-24)	3162	2567	556	10	29
AM Peak	08:00 277	08:00 226	08:00 46	08:00 2	09:00 5
PM Peak	13:00 247	16:00 202	17:00 53	17:00 3	13:00 3

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	17	13	4	0	0
01:00	12	10	2	0	0
02:00	3	1	2	0	0
03:00	5	3	2	0	0
04:00	1	1	0	0	0
05:00	34	32	1	0	1
06:00	101	85	15	0	1
07:00	334	298	35	0	1
08:00	591	529	57	2	3
09:00	445	384	54	0	7
10:00	482	404	70	2	6
11:00	438	386	49	0	3
12:00	425	368	52	2	3
13:00	461	401	54	3	3
14:00	368	314	50	4	0
15:00	446	374	68	1	3
16:00	496	445	47	2	2
17:00	448	371	71	4	2
18:00	428	391	34	3	0
19:00	289	256	32	0	1
20:00	244	226	18	0	0
21:00	185	165	20	0	0
22:00	108	101	7	0	0
23:00	35	32	3	0	0
Total					
12H(7-19)	5362	4665	641	23	33
16H(6-22)	6181	5397	726	23	35
18H(6-24)	6324	5530	736	23	35
24H(0-24)	6396	5590	747	23	36
AM Peak	08:00 591	08:00 529	10:00 70	08:00 2	09:00 7
PM Peak	16:00 496	16:00 445	17:00 71	14:00 4	12:00 3

360 TSL Ltd



# North Wales ATC 8, A548 Chapel Street

Direction: Northbound

30/04/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	7	7	0	0	0
01:00	5	5	0	0	0
02:00	0	0	0	0	0
03:00	5	5	0	0	0
04:00	5	5	0	0	0
05:00	21	20	1	0	0
06:00	30	28	2	0	0
07:00	81	74	6	0	1
08:00	149	135	13	0	1
09:00	193	188	4	0	1
10:00	214	200	14	0	0
11:00	230	211	18	0	1
12:00	183	167	15	0	1
13:00	208	187	20	1	0
14:00	173	159	11	1	2
15:00	171	164	7	0	0
16:00	189	174	13	1	1
17:00	188	185	3	0	0
18:00	160	153	7	0	0
19:00	134	131	3	0	0
20:00	88	85	3	0	0
21:00	68	63	5	0	0
22:00	44	42	2	0	0
23:00	33	29	4	0	0
Total					
12H(7-19)	2139	1997	131	3	8
16H(6-22)	2459	2304	144	3	8
18H(6-24)	2536	2375	150	3	8
24H(0-24)	2579	2417	151	3	8
AM Peak	11:00 230	11:00 211	11:00 18	00:00 0	07:00 1
PM Peak	13:00 208	13:00 187	13:00 20	13:00 1	14:00 2

360 TSL Ltd

Direction: Southbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	17	12	5	0	0
01:00	5	5	0	0	0
02:00	4	3	1	0	0
03:00	10	9	1	0	0
04:00	6	3	3	0	0
05:00	4	4	0	0	0
06:00	13	10	1	0	2
07:00	45	39	6	0	0
08:00	104	81	17	0	6
09:00	154	123	30	0	1
10:00	158	129	28	1	0
11:00	183	146	35	0	2
12:00	205	172	31	0	2
13:00	167	128	37	0	2
14:00	174	145	28	0	1
15:00	197	173	22	0	2
16:00	195	163	32	0	0
17:00	208	176	32	0	0
18:00	193	161	28	0	4
19:00	153	138	15	0	0
20:00	129	113	16	0	0
21:00	88	83	5	0	0
22:00	52	47	5	0	0
23:00	29	25	4	0	0
Total					
12H(7-19)	1983	1636	326	1	20
16H(6-22)	2366	1980	363	1	22
18H(6-24)	2447	2052	372	1	22
24H(0-24)	2493	2088	382	1	22
AM Peak	11:00 183	11:00 146	11:00 35	10:00 1	08:00 6
PM Peak	17:00 208	17:00 176	13:00 37	12:00 0	18:00 4

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	24	19	5	0	0
01:00	10	10	0	0	0
02:00	4	3	1	0	0
03:00	15	14	1	0	0
04:00	11	8	3	0	0
05:00	25	24	1	0	0
06:00	43	38	3	0	2
07:00	126	113	12	0	1
08:00	253	216	30	0	7
09:00	347	311	34	0	2
10:00	372	329	42	1	0
11:00	413	357	53	0	3
12:00	388	339	46	0	3
13:00	375	315	57	1	2
14:00	347	304	39	1	3
15:00	368	337	29	0	2
16:00	384	337	45	1	1
17:00	396	361	35	0	0
18:00	353	314	35	0	4
19:00	287	269	18	0	0
20:00	217	198	19	0	0
21:00	156	146	10	0	0
22:00	96	89	7	0	0
23:00	62	54	8	0	0
Total					
12H(7-19)	4122	3633	457	4	28
16H(6-22)	4825	4284	507	4	30
18H(6-24)	4983	4427	522	4	30
24H(0-24)	5072	4505	533	4	30
AM Peak	11:00 413	11:00 357	11:00 53	10:00 1	08:00 7
PM Peak	17:00 396	17:00 361	13:00 57	13:00 1	18:00 4

360 TSL Ltd



# North Wales ATC 8, A548 Chapel Street

Direction: Northbound

01/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	9	9	0	0	0
01:00	18	18	0	0	0
02:00	6	6	0	0	0
03:00	3	3	0	0	0
04:00	2	2	0	0	0
05:00	5	4	1	0	0
06:00	15	14	1	0	0
07:00	42	39	3	0	0
08:00	74	74	0	0	0
09:00	161	155	6	0	0
10:00	222	213	9	0	0
11:00	212	205	7	0	0
12:00	217	211	5	1	0
13:00	175	166	8	0	1
14:00	150	139	11	0	0
15:00	162	157	5	0	0
16:00	142	137	5	0	0
17:00	173	165	8	0	0
18:00	120	115	5	0	0
19:00	116	114	2	0	0
20:00	86	85	1	0	0
21:00	36	32	4	0	0
22:00	27	26	1	0	0
23:00	16	16	0	0	0
Total					
12H(7-19)	1850	1776	72	1	1
16H(6-22)	2103	2021	80	1	1
18H(6-24)	2146	2063	81	1	1
24H(0-24)	2189	2105	82	1	1
AM Peak	10:00 222	10:00 213	10:00 9	00:00 0	00:00 0
PM Peak	12:00 217	12:00 211	14:00 11	12:00 1	13:00 1

360 TSL Ltd

Direction: Southbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	21	15	6	0	0
01:00	16	13	3	0	0
02:00	5	4	1	0	0
03:00	4	2	2	0	0
04:00	3	1	2	0	0
05:00	2	2	0	0	0
06:00	11	10	1	0	0
07:00	33	31	2	0	0
08:00	52	39	13	0	0
09:00	95	84	10	0	1
10:00	117	100	17	0	0
11:00	161	140	21	0	0
12:00	193	168	25	0	0
13:00	197	165	31	0	1
14:00	188	146	40	1	1
15:00	181	145	35	0	1
16:00	196	158	37	0	1
17:00	146	121	25	0	0
18:00	123	105	18	0	0
19:00	106	94	12	0	0
20:00	84	73	10	0	1
21:00	58	45	13	0	0
22:00	40	33	7	0	0
23:00	14	13	1	0	0
Total					
12H(7-19)	1682	1402	274	1	5
16H(6-22)	1941	1624	310	1	6
18H(6-24)	1995	1670	318	1	6
24H(0-24)	2046	1707	332	1	6
AM Peak	11:00 161	11:00 140	11:00 21	00:00 0	09:00 1
PM Peak	13:00 197	12:00 168	14:00 40	14:00 1	13:00 1

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	30	24	6	0	0
01:00	34	31	3	0	0
02:00	11	10	1	0	0
03:00	7	5	2	0	0
04:00	5	3	2	0	0
05:00	7	6	1	0	0
06:00	26	24	2	0	0
07:00	75	70	5	0	0
08:00	126	113	13	0	0
09:00	256	239	16	0	1
10:00	339	313	26	0	0
11:00	373	345	28	0	0
12:00	410	379	30	1	0
13:00	372	331	39	0	2
14:00	338	285	51	1	1
15:00	343	302	40	0	1
16:00	338	295	42	0	1
17:00	319	286	33	0	0
18:00	243	220	23	0	0
19:00	222	208	14	0	0
20:00	170	158	11	0	1
21:00	94	77	17	0	0
22:00	67	59	8	0	0
23:00	30	29	1	0	0
Total					
12H(7-19)	3532	3178	346	2	6
16H(6-22)	4044	3645	390	2	7
18H(6-24)	4141	3733	399	2	7
24H(0-24)	4235	3812	414	2	7
AM Peak	11:00 373	11:00 345	11:00 28	00:00 0	09:00 1
PM Peak	12:00 410	12:00 379	14:00 51	12:00 1	13:00 2

360 TSL Ltd



## North Wales ATC 8, A548 Chapel Street

Direction: Northbound

02/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	11	10	1	0	0
01:00	5	5	0	0	0
02:00	3	2	1	0	0
03:00	4	3	1	0	0
04:00	3	2	1	0	0
05:00	11	11	0	0	0
06:00	22	20	2	0	0
07:00	48	46	2	0	0
08:00	105	96	8	0	1
09:00	160	153	6	1	0
10:00	194	185	9	0	0
11:00	224	208	14	2	0
12:00	192	178	14	0	0
13:00	195	183	11	0	1
14:00	153	142	10	0	1
15:00	174	160	13	1	0
16:00	150	143	7	0	0
17:00	141	134	6	1	0
18:00	135	130	5	0	0
19:00	87	87	0	0	0
20:00	71	65	6	0	0
21:00	52	50	2	0	0
22:00	26	26	0	0	0
23:00	11	10	1	0	0
Total					
12H(7-19)	1871	1758	105	5	3
16H(6-22)	2103	1980	115	5	3
18H(6-24)	2140	2016	116	5	3
24H(0-24)	2177	2049	120	5	3
AM Peak	11:00 224	11:00 208	11:00 14	11:00 2	08:00 1
PM Peak	13:00 195	13:00 183	12:00 14	15:00 1	13:00 1

360 TSL Ltd

Direction: Southbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	9	6	3	0	0
01:00	6	4	2	0	0
02:00	6	6	0	0	0
03:00	2	0	2	0	0
04:00	1	1	0	0	0
05:00	5	4	0	0	1
06:00	20	17	3	0	0
07:00	35	29	5	0	1
08:00	73	55	17	1	0
09:00	95	69	23	0	3
10:00	120	97	20	2	1
11:00	126	99	26	0	1
12:00	163	138	23	0	2
13:00	171	136	33	1	1
14:00	131	111	19	0	1
15:00	160	137	21	0	2
16:00	147	119	28	0	0
17:00	133	115	17	0	1
18:00	162	140	18	1	3
19:00	112	99	13	0	0
20:00	89	76	13	0	0
21:00	54	43	11	0	0
22:00	44	37	7	0	0
23:00	11	9	2	0	0
Total					
12H(7-19)	1516	1245	250	5	16
16H(6-22)	1791	1480	290	5	16
18H(6-24)	1846	1526	299	5	16
24H(0-24)	1875	1547	306	5	17
AM Peak	11:00 126	11:00 99	11:00 26	10:00 2	09:00 3
PM Peak	13:00 171	18:00 140	13:00 33	13:00 1	18:00 3

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	20	16	4	0	0
01:00	11	9	2	0	0
02:00	9	8	1	0	0
03:00	6	3	3	0	0
04:00	4	3	1	0	0
05:00	16	15	0	0	1
06:00	42	37	5	0	0
07:00	83	75	7	0	1
08:00	178	151	25	1	1
09:00	255	222	29	1	3
10:00	314	282	29	2	1
11:00	350	307	40	2	1
12:00	355	316	37	0	2
13:00	366	319	44	1	2
14:00	284	253	29	0	2
15:00	334	297	34	1	2
16:00	297	262	35	0	0
17:00	274	249	23	1	1
18:00	297	270	23	1	3
19:00	199	186	13	0	0
20:00	160	141	19	0	0
21:00	106	93	13	0	0
22:00	70	63	7	0	0
23:00	22	19	3	0	0
Total					
12H(7-19)	3387	3003	355	10	19
16H(6-22)	3894	3460	405	10	19
18H(6-24)	3986	3542	415	10	19
24H(0-24)	4052	3596	426	10	20
AM Peak	11:00 350	11:00 307	11:00 40	10:00 2	09:00 3
PM Peak	13:00 366	13:00 319	13:00 44	13:00 1	18:00 3

360 TSL Ltd



## North Wales ATC 8, A548 Chapel Street

Direction: Northbound

03/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	9	8	1	0	0
01:00	2	2	0	0	0
02:00	0	0	0	0	0
03:00	5	5	0	0	0
04:00	9	9	0	0	0
05:00	31	29	2	0	0
06:00	67	54	13	0	0
07:00	211	197	13	1	0
08:00	294	281	9	4	0
09:00	203	187	15	0	1
10:00	215	191	21	3	0
11:00	223	202	19	1	1
12:00	210	182	24	2	2
13:00	173	149	21	1	2
14:00	220	188	30	0	2
15:00	209	186	20	1	2
16:00	218	186	29	0	3
17:00	242	221	20	1	0
18:00	155	144	11	0	0
19:00	133	127	5	1	0
20:00	74	70	4	0	0
21:00	54	51	3	0	0
22:00	31	29	2	0	0
23:00	13	10	2	0	1
Total					
12H(7-19)	2573	2314	232	14	13
16H(6-22)	2901	2616	257	15	13
18H(6-24)	2945	2655	261	15	14
24H(0-24)	3001	2708	264	15	14
AM Peak	08:00 294	08:00 281	10:00 21	08:00 4	09:00 1
PM Peak	17:00 242	17:00 221	14:00 30	12:00 2	16:00 3

360 TSL Ltd

Direction: Southbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	5	4	1	0	0
01:00	1	1	0	0	0
02:00	2	1	1	0	0
03:00	6	6	0	0	0
04:00	5	2	2	0	1
05:00	6	2	3	0	1
06:00	38	26	9	0	3
07:00	147	125	19	0	3
08:00	242	191	46	0	5
09:00	243	190	46	1	6
10:00	192	138	48	0	6
11:00	190	150	38	0	2
12:00	214	167	42	1	4
13:00	222	178	38	1	5
14:00	187	138	43	1	5
15:00	180	154	22	1	3
16:00	257	205	47	1	4
17:00	273	227	44	0	2
18:00	194	163	29	1	1
19:00	169	140	27	0	2
20:00	105	90	15	0	0
21:00	59	50	9	0	0
22:00	51	44	7	0	0
23:00	19	16	3	0	0
Total					
12H(7-19)	2541	2026	462	7	46
16H(6-22)	2912	2332	522	7	51
18H(6-24)	2982	2392	532	7	51
24H(0-24)	3007	2408	539	7	53
AM Peak	09:00 243	08:00 191	10:00 48	09:00 1	09:00 6
PM Peak	17:00 273	17:00 227	16:00 47	12:00 1	13:00 5

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	14	12	2	0	0
01:00	3	3	0	0	0
02:00	2	1	1	0	0
03:00	11	11	0	0	0
04:00	14	11	2	0	1
05:00	37	31	5	0	1
06:00	105	80	22	0	3
07:00	358	322	32	1	3
08:00	536	472	55	4	5
09:00	446	377	61	1	7
10:00	407	329	69	3	6
11:00	413	352	57	1	3
12:00	424	349	66	3	6
13:00	395	327	59	2	7
14:00	407	326	73	1	7
15:00	389	340	42	2	5
16:00	475	391	76	1	7
17:00	515	448	64	1	2
18:00	349	307	40	1	1
19:00	302	267	32	1	2
20:00	179	160	19	0	0
21:00	113	101	12	0	0
22:00	82	73	9	0	0
23:00	32	26	5	0	1
Total					
12H(7-19)	5114	4340	694	21	59
16H(6-22)	5813	4948	779	22	64
18H(6-24)	5927	5047	793	22	65
24H(0-24)	6008	5116	803	22	67
AM Peak	08:00 536	08:00 472	10:00 69	08:00 4	09:00 7
PM Peak	17:00 515	17:00 448	16:00 76	12:00 3	13:00 7

360 TSL Ltd



## North Wales ATC 8, A548 Chapel Street

Direction: Northbound

04/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	2	1	1	0	0
01:00	7	6	1	0	0
02:00	2	2	0	0	0
03:00	4	3	1	0	0
04:00	6	6	0	0	0
05:00	31	28	3	0	0
06:00	84	72	12	0	0
07:00	191	172	18	1	0
08:00	308	296	11	1	0
09:00	229	217	11	1	0
10:00	224	216	8	0	0
11:00	201	193	8	0	0
12:00	176	167	9	0	0
13:00	217	196	19	0	2
14:00	227	203	23	0	1
15:00	213	189	23	1	0
16:00	191	173	16	1	1
17:00	249	236	13	0	0
18:00	187	175	12	0	0
19:00	129	122	7	0	0
20:00	86	80	6	0	0
21:00	58	55	3	0	0
22:00	28	27	1	0	0
23:00	16	16	0	0	0
Total					
12H(7-19)	2613	2433	171	5	4
16H(6-22)	2970	2762	199	5	4
18H(6-24)	3014	2805	200	5	4
24H(0-24)	3066	2851	206	5	4
AM Peak	08:00 308	08:00 296	07:00 18	07:00 1	00:00 0
PM Peak	17:00 249	17:00 236	14:00 23	15:00 1	13:00 2

360 TSL Ltd

Direction: Southbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	7	2	5	0	0
01:00	4	4	0	0	0
02:00	2	1	1	0	0
03:00	2	0	1	0	1
04:00	2	1	1	0	0
05:00	14	11	2	0	1
06:00	34	29	5	0	0
07:00	133	105	25	1	2
08:00	283	252	28	0	3
09:00	239	199	38	0	2
10:00	175	148	24	0	3
11:00	186	154	25	0	7
12:00	184	154	27	0	3
13:00	209	170	33	1	5
14:00	194	158	27	0	9
15:00	224	181	40	1	2
16:00	296	253	40	0	3
17:00	309	250	55	0	4
18:00	213	171	41	0	1
19:00	151	113	37	0	1
20:00	119	92	26	0	1
21:00	71	58	13	0	0
22:00	40	37	2	0	1
23:00	20	16	4	0	0
Total					
12H(7-19)	2645	2195	403	3	44
16H(6-22)	3020	2487	484	3	46
18H(6-24)	3080	2540	490	3	47
24H(0-24)	3111	2559	500	3	49
AM Peak	08:00 283	08:00 252	09:00 38	07:00 1	11:00 7
PM Peak	17:00 309	16:00 253	17:00 55	13:00 1	14:00 9

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	9	3	6	0	0
01:00	11	10	1	0	0
02:00	4	3	1	0	0
03:00	6	3	2	0	1
04:00	8	7	1	0	0
05:00	45	39	5	0	1
06:00	118	101	17	0	0
07:00	324	277	43	2	2
08:00	591	548	39	1	3
09:00	468	416	49	1	2
10:00	399	364	32	0	3
11:00	387	347	33	0	7
12:00	360	321	36	0	3
13:00	426	366	52	1	7
14:00	421	361	50	0	10
15:00	437	370	63	2	2
16:00	487	426	56	1	4
17:00	558	486	68	0	4
18:00	400	346	53	0	1
19:00	280	235	44	0	1
20:00	205	172	32	0	1
21:00	129	113	16	0	0
22:00	68	64	3	0	1
23:00	36	32	4	0	0
Total					
12H(7-19)	5258	4628	574	8	48
16H(6-22)	5990	5249	683	8	50
18H(6-24)	6094	5345	690	8	51
24H(0-24)	6177	5410	706	8	53
AM Peak	08:00 591	08:00 548	09:00 49	07:00 2	11:00 7
PM Peak	17:00 558	17:00 486	17:00 68	15:00 2	14:00 10

360 TSL Ltd



North Wales ATC 8, A548 Chapel Street

Direction: Northbound

28/04/2022															
Hour Beginning	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5-10	Bin 3 10-15	Bin 4 15-20	Bin 5 20-25	Bin 6 25-30	Bin 7 30-35	Bin 8 35-40	Bin 10 40-45	Bin 11 45-50	Bin 12 >50
00:00	6	27.8	25.0	2.7	0	0	0	0	3	3	0	0	0	0	0
01:00	2	33.7	30.0	3.5	0	0	0	0	0	1	1	0	0	0	0
02:00	3	29.8	22.5	7.1	0	0	0	0	1	0	0	0	0	0	0
03:00	8	26.4	23.1	3.2	0	0	0	1	5	2	0	0	0	0	0
04:00	6	32.0	24.2	7.5	0	0	1	0	3	0	2	0	0	0	0
05:00	22	32.5	28.0	4.3	0	0	0	0	6	5	1	0	0	0	0
06:00	69	28.9	24.5	4.2	0	0	0	10	27	26	6	0	0	0	0
07:00	181	28.5	23.7	4.7	0	1	9	22	73	67	9	0	0	0	0
08:00	286	24.1	18.4	5.5	0	7	82	85	80	28	2	2	0	0	0
09:00	223	24.4	19.3	5.0	2	4	38	68	93	16	2	0	0	0	0
10:00	258	22.8	17.0	5.5	5	21	65	82	72	13	0	0	0	0	0
11:00	231	24.1	18.9	5.0	0	13	30	88	79	21	0	0	0	0	0
12:00	219	22.6	15.5	4.8	1	15	43	97	51	12	0	0	0	0	0
13:00	197	25.0	19.1	5.7	2	9	36	60	60	28	2	0	0	0	0
14:00	214	23.9	18.7	5.0	0	19	32	77	75	17	0	0	0	0	0
15:00	199	22.4	17.2	5.0	1	9	61	67	51	10	0	0	0	0	0
16:00	229	21.4	15.9	5.3	3	19	95	31	30	3	0	0	0	0	0
17:00	240	28.3	21.0	7.1	0	9	78	65	104	37	2	0	0	0	4
18:00	166	26.8	23.1	3.6	0	0	1	28	92	41	4	0	0	0	0
19:00	118	27.2	23.2	3.9	0	0	2	16	69	27	3	1	0	0	0
20:00	74	28.0	23.4	4.5	0	1	1	12	33	24	3	0	0	0	0
21:00	65	28.5	23.7	4.7	0	0	1	13	27	18	6	0	0	0	0
22:00	34	28.5	24.3	4.1	0	0	1	2	17	12	2	0	0	0	0
23:00	10	35.3	28.5	6.6	0	0	0	0	3	5	0	1	1	0	0
Total															
2H(0-12)	489	23.5	17.9	5.3	5	34	95	170	151	34	0	0	0	0	0
2H(14-16)	413	23.2	18.0	5.0	1	22	93	144	126	27	0	0	0	0	0
12H(7-19)	2652	24.9	19.0	5.7	14	120	520	792	880	299	21	2	0	0	0
24H(0-24)	8068	25.7	19.7	5.8	14	121	526	847	8973	427	50	5	1	0	4
AM Peak	08:00	01:00	02:00	04:00	10:00	10:00	08:00	11:00	09:00	07:00	07:00	08:00	00:00	00:00	00:00
	286	33.7	30.0	7.5	5	21	82	88	93	67	9	2	0	0	0
PM Peak	17:00	23:00	23:00	17:00	16:00	16:00	16:00	12:00	17:00	18:00	21:00	19:00	23:00	12:00	17:00
	249	35.3	28.5	7.1	3	19	95	97	104	41	6	1	1	0	4

360 TSL Ltd

Direction: Southbound

Hour Beginning	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5-10	Bin 3 10-15	Bin 4 15-20	Bin 5 20-25	Bin 6 25-30	Bin 7 30-35	Bin 8 35-40	Bin 9 40-45	Bin 10 45-50	Bin 11 50-55	Bin 12 >55
00:00	7	38.2	29.6	6.4	0	0	0	1	0	2	3	1	0	0	0	0
01:00	3	32.2	29.2	2.9	0	0	0	0	0	2	1	0	0	0	0	0
02:00	1	-	27.5	-	0	0	0	0	0	1	0	0	0	0	0	0
03:00	3	37.9	27.5	10.0	0	0	0	1	0	1	0	1	0	0	0	0
04:00	3	28.8	25.8	2.9	0	0	0	0	1	2	0	0	0	0	0	0
05:00	12	40.4	33.8	6.4	0	0	0	0	2	3	2	6	1	0	0	0
06:00	40	34.3	28.8	5.4	0	0	1	1	6	15	13	4	0	0	0	0
07:00	158	33.6	28.3	5.1	0	2	0	11	7	84	47	6	0	1	0	0
08:00	275	30.6	24.2	6.2	1	2	21	50	42	117	33	4	0	0	0	0
09:00	269	26.9	22.4	6.3	1	8	29	54	58	103	16	0	0	0	0	0
10:00	197	27.8	22.6	5.1	0	1	15	36	86	45	13	0	0	0	0	0
11:00	206	28.8	22.7	5.9	3	1	15	42	69	60	15	1	0	0	0	0
12:00	210	30.1	22.3	7.5	1	7	34	43	59	58	11	1	0	3	0	1
13:00	200	29.7	24.5	5.0	1	1	3	77	68	85	12	2	1	0	0	0
14:00	216	29.0	23.8	5.0	1	1	6	33	82	79	12	2	0	0	0	0
15:00	237	29.9	24.5	5.4	1	2	6	28	92	77	27	1	0	0	0	0
16:00	237	29.4	24.5	4.7	1	0	3	25	102	84	18	4	0	0	0	0
17:00	242	32.5	26.7	5.6	5	1	4	9	37	118	46	7	2	0	0	0
18:00	199	31.5	26.8	5.5	0	2	2	17	42	82	37	5	2	0	0	0
19:00	150	34.2	28.6	5.3	0	0	0	6	20	78	33	9	2	1	1	0
20:00	101	32.4	27.7	4.6	0	0	1	5	16	59	27	3	0	0	0	0
21:00	71	32.8	27.2	5.4	1	0	0	2	21	24	21	2	0	0	0	0
22:00	63	34.0	28.1	5.7	0	1	1	2	11	21	21	4	0	0	0	0
23:00	20	38.4	30.8	5.4	0	0	0	1	2	4	9	4	0	0	0	0
Total																
2H(0-12)	403	28.3	22.6	5.5	3	2	30	78	135	106	28	1	0	0	0	0
2H(14-16)	453	29.4	24.1	6.2	2	3	14	61	178	156	39	3	1	0	0	0
12H(7-19)	2646	30.5	24.3	5.9	13	28	130	375	709	988	299	33	6	4	0	1
24H(0-24)	8120	31.2	24.9	6.0	14	29	133	394	946	1190	429	67	9	5	1	1
AM Peak	08:00	05:00	05:00	03:00	11:00	09:00	09:00	09:00	10:00	08:00	07:00	05:00	05:00	07:00	00:00	00:00
	275	40.4	33.8	10.0	3	8	29	54	86	117	47	6	1	1	0	0
PM Peak	17:00	23:00	23:00	12:00	17:00	13:00	13:00	12:00	16:00	17:00	18:00	19:00	17:00	12:00	19:00	12:00
	242	38.4	30.8	7.5	3	7	32	42	102	113	47	8	2	3	1	1

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5-10	Bin 3 10-15	Bin 4 15-20	Bin 5 20-25	Bin 6 25-30	Bin 7 30-35	Bin 8 35-40	Bin 9 40-45	Bin 10 45-50	Bin 11 50-55	Bin 12 >55
00:00	5	32.3	29.5	2.7	0	0	0	0	0	3	2	0	0	0	0	0
01:00	3	30.2	24.2	5.8	0	0	0	0	1	0	2	0	0	0	0	0
02:00	11	30.1	24.3	5.6	0	0	0	2	5	3	0	1	0	0	0	0
03:00	9	31.3	24.7	6.2	0	0	0	1	0	4	2	0	0	0	0	0
04:00	34	36.0	30.0	5.8	0	0	0	0	8	10	8	7	1	0	0	0
05:00	109	31.4	26.1	5.1	0	0	1	11	33	41	19	4	0	0	0	0
06:00	315	31.5	25.8	5.4	0	3	9	33	80	151	56	6	0	0	0	0
07:00	561	28.0	21.3	6.5	1	9	103	135	127	145	35	6	0	0	0	0
08:00	892	27.1	19.0	5.9	3	12	67	122	151	139	18	0	0	0	0	0
09:00	455	25.7	18.4	6.0	5	22	80	118	158	59	13	0	0	0	0	0
10:00	427	26.2	20.5	6.7	9	14	45	120	148	81	15	1	0	0	0	0
11:00	429	26.9	19.9	6.7	2	22	67	140	120	79	13	1	0	3	0	1
12:00	297	28.0	21.8	6.0	3	10	39	87	129	133	14	2	0	0	0	0
13:00	430	27.1	21.3	5.6	1	14	38	110	157	96	12	2	0	0	0	0
14:00	446	27.6	21.1	6.3	2	13	69	95	143	87	27	1	1	0	0	0
15:00	466	27.1	20.3	6.6	4	19	98	78	132	93	18	4	0	0	0	0
16:00	491	31.1	23.8	7.0	3	10	32	74	161	150	48	7	2	0	0	4
17:00	365	30.4	25.1	5.1	0	2	3	45	134	123	51	5	3	1	0	0
18:00	268	31.8	26.2	5.4	0	0	2	22	89	105	36	10	2	1	1	0
19:00	175	31.1	25.9	5.0	0	1	2	17	49	73	30	3	0	0	0	0
20:00	136	31.0	25.5	5.3	1	0	1	10	42	57	27	2	0	0	0	0
21:00	97	32.4	26.7	5.5	0	1	2	4	28	35	23	4	0	0	0	0
22:00	30	36.0	30.0	5.8	0	0	0	1	5	5	1	1	0	0	0	0
Total																
2H(0-12)	892	26.2	20.0	5.9	8	36	125	248	306	140	28	1	0	0	0	0
2H(14-16)	866	27.3	21.2	5.9	3	25	107	205	300	183	39	1	0	0	0	0
2H(17-19)	861	28.1	21.6	6.4	7	27	148	268	375	250	65	4	0	0	0	0
2H(20-23)	618	29.1	22.3	6.5	28	150	639	1242	1921	1617	479	72	30	5	1	5
AM Peak	08:00	05:00	06:00	05:00	10:00	08:00	08:00	08:00	08:00	07:00	07:00	07:00	07:00	06:00	06:00	00:00
PM Peak	17:00	17:00	17:00	17:00	17:00	16:00	16:00	16:00	15:00	15:00	14:00	14:00	13:00	12:00	11:00	07:00
16:00	17:00	23:00	23:00	23:00	17:00	17:00	17:00	17:00	17:00	17:00	17:00	17:00	17:00	17:00	17:00	17:00
08:00	09:00	09:00	09:00	09:00	08:00	08:00	08:00	08:00	08:00	08:00	08:00	08:00	08:00	08:00	08:00	08:00



North Wales ATC 8, A548 Chapel Street

Direction: Northbound

29/04/2022															
Hour Beginning	Total Volume	ECM Percentage	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5-10	Bin 3 10-15	Bin 4 15-20	Bin 5 20-25	Bin 6 25-30	Bin 7 30-35	Bin 8 35-40	Bin 10 40-45	Bin 11 45-50	Bin 12 >=50
00:00	4	33.3	30.0	2.0	0	0	0	0	0	0	2	0	0	0	0
01:00	5	34.1	29.5	4.5	0	0	0	0	1	1	3	0	0	0	0
02:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0
03:00	4	36.2	31.3	4.8	0	0	0	0	0	2	1	1	0	0	0
04:00	1	-	-	-	0	0	0	0	1	0	0	0	0	0	0
05:00	27	31.0	26.4	4.5	0	0	0	1	11	8	7	0	0	0	27
06:00	70	30.6	26.6	3.8	0	0	0	2	20	37	10	1	0	0	0
07:00	187	29.3	25.2	4.0	0	0	1	14	71	82	16	1	0	0	0
08:00	314	24.3	18.9	5.2	0	11	70	85	117	30	1	0	0	0	0
09:00	235	28.2	20.1	7.0	0	11	47	48	82	79	4	0	0	0	4
10:00	252	21.0	15.6	5.2	1	29	102	62	50	8	0	0	0	0	0
11:00	238	22.0	16.4	5.4	1	34	54	85	56	8	0	0	0	0	0
12:00	216	16.5	12.6	3.7	3	41	128	39	3	0	0	0	0	0	0
13:00	214	21.8	16.5	5.0	2	20	54	86	45	7	0	0	0	0	0
14:00	192	20.6	15.1	5.3	1	29	78	46	31	5	1	0	0	0	0
15:00	215	22.4	17.2	5.1	0	12	66	75	51	10	0	1	0	0	0
16:00	252	20.9	15.7	4.9	2	19	106	73	6	3	0	0	0	0	0
17:00	241	24.5	19.0	5.2	1	7	40	75	88	24	0	1	0	0	0
18:00	214	26.1	21.3	4.6	0	1	23	42	111	35	1	1	0	0	0
19:00	124	28.1	23.8	4.1	0	0	2	14	66	36	4	2	0	0	0
20:00	100	27.9	23.8	4.0	0	1	2	5	59	28	5	0	0	0	0
21:00	79	28.2	23.5	4.6	0	1	3	7	40	24	4	0	0	0	0
22:00	48	28.7	25.3	3.2	0	0	0	1	22	22	3	0	0	0	0
23:00	12	29.3	25.0	4.0	0	0	0	1	5	5	1	0	0	0	0
Total															
29E16-12	400	21.5	16.0	5.3	2	63	156	147	106	15	0	0	0	0	0
29E14-16	407	21.6	16.2	5.3	1	41	144	121	83	15	1	1	0	0	0
12H7-10	2760	24.0	17.7	6.0	11	214	778	726	754	245	24	4	0	0	0
24H0-24	614	25.3	18.7	6.3	11	216	785	757	979	410	64	8	0	0	4
AM Peak	08:00	03:00	03:00	09:00	10:00	11:00	10:00	08:00	08:00	07:00	07:00	03:00	00:00	00:00	09:00
	314	36.2	31.3	7.9	1	34	102	85	117	82	16	1	0	0	4
PM Peak	16:00	23:00	22:00	14:00	12:00	12:00	13:00	18:00	18:00	19:00	20:00	19:00	12:00	12:00	12:00
	252	29.3	25.3	5.3	3	45	128	86	111	36	5	2	0	0	0

360 TSL Ltd

Direction: Southbound

Hour Beginning	Total Volume	ECM Percentage	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5-10	Bin 3 10-15	Bin 4 15-20	Bin 5 20-25	Bin 6 25-30	Bin 7 30-35	Bin 8 35-40	Bin 9 40-45	Bin 10 45-50	Bin 11 50-55	Bin 12 >=55
00:00	13	18.1	31.3	6.5	0	0	0	0	2	4	4	1	2	0	0	0
01:00	7	17.9	33.2	4.5	0	0	0	0	0	2	3	0	0	0	0	0
02:00	3	37.7	32.5	5.0	0	0	0	0	0	1	1	1	0	0	0	0
03:00	1	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
05:00	7	35.5	32.5	2.9	0	0	0	0	0	1	5	1	0	0	0	0
06:00	31	36.0	29.6	6.2	0	1	0	0	4	9	14	2	1	0	0	0
07:00	147	34.4	29.9	4.4	0	0	0	0	3	8	60	53	12	1	1	0
08:00	277	30.4	26.0	4.2	0	0	5	15	71	157	25	1	0	0	0	0
09:00	220	29.6	24.9	4.6	0	0	6	18	85	89	19	3	0	0	0	0
10:00	230	27.1	21.3	5.6	3	5	19	56	88	52	7	0	0	0	0	0
11:00	200	28.0	22.7	5.1	5	0	3	37	89	61	5	0	0	0	0	0
12:00	209	24.9	18.7	6.0	1	23	27	62	69	26	1	0	0	0	0	0
13:00	247	28.8	23.6	5.1	1	2	9	34	105	81	12	2	1	0	0	0
14:00	176	27.7	22.0	5.4	1	3	11	40	73	40	6	2	0	0	0	0
15:00	251	29.6	24.6	4.7	0	1	3	26	86	91	19	2	1	0	0	0
16:00	244	28.4	23.7	5.5	1	1	12	37	94	74	22	2	1	0	0	0
17:00	221	31.6	26.2	5.2	0	4	6	8	46	135	24	5	0	0	0	0
18:00	214	31.8	29.0	5.6	0	7	12	44	98	43	7	2	0	1	0	0
19:00	165	33.1	26.0	6.8	2	5	6	8	37	66	34	5	2	0	0	0
20:00	144	32.6	27.8	4.6	0	0	0	2	40	57	36	9	0	0	0	0
21:00	106	32.5	27.0	5.2	0	0	2	1	38	38	19	7	1	0	0	0
22:00	60	34.7	30.0	4.6	0	0	0	0	1	5	23	27	0	1	0	0
23:00	23	37.7	33.2	6.3	0	0	0	1	2	7	4	2	0	0	0	0
Total																
29E16-12	400	27.6	22.0	5.4	8	5	22	93	177	113	12	0	0	0	0	0
29E14-16	407	28.9	23.6	5.2	1	4	14	66	161	131	25	4	1	0	0	0
12H7-10	2602	30.1	24.1	5.8	12	39	308	346	860	953	236	38	8	1	1	0
24H0-24	6162	31.0	24.8	6.0	14	45	516	559	988	1162	385	74	16	2	1	0
AM Peak	08:00	03:00	03:00	09:00	11:00	10:00	10:00	10:00	11:00	08:00	07:00	07:00	00:00	07:00	00:00	09:00
	277	36.1	33.2	6.5	5	5	19	56	89	157	58	32	2	1	0	0
PM Peak	15:00	22:00	23:00	16:00	19:00	13:00	13:00	13:00	17:00	18:00	20:00	18:00	22:00	18:00	18:00	12:00
	247	37.7	32.2	6.8	2	23	27	62	105	115	43	8	2	1	1	0

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	ECM Percentage	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5-10	Bin 3 10-15	Bin 4 15-20	Bin 5 20-25	Bin 6 25-30	Bin 7 30-35	Bin 8 35-40	Bin 9 40-45	Bin 10 45-50	Bin 11 50-55	Bin 12 >=55
00:00	17	37.0	31.0	5.8	0	0	0	0	2	4	0	1	2	0	0	0
01:00	12	36.5	31.7	4.7	0	0	0	0	1	3	5	1	0	0	0	0
02:00	3	37.7	32.5	5.0	0	0	0	0	0	3	1	1	0	0	0	0
03:00	5	35.1	30.5	4.5	0	0	0	0	0	3	1	1	0	0	0	0
04:00	1	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
05:00	34	32.7	27.6	4.8	0	0	0	1	11	9	12	1	0	0	0	0
06:00	101	32.5	27.5	4.8	0	0	0	2	24	46	24	3	0	0	0	0
07:00	134	32.2	27.3	4.8	0	0	1	17	81	151	69	13	1	0	0	0
08:00	591	28.4	22.2	5.9	0	11	75	100	188	187	26	3	1	0	0	0
09:00	445	29.6	22.5	6.9	0	11	53	66	167	138	23	3	0	0	0	0
10:00	482	24.6	18.3	6.1	4	34	121	118	138	60	7	0	0	0	0	0
11:00	438	25.6	18.5	6.2	6	34	57	122	146	69	5	0	0	0	0	0
12:00	425	21.6	15.6	5.8	4	64	155	101	72	28	1	0	0	0	0	0
13:00	463	26.7	20.3	6.2	3	22	63	120	150	88	12	2	0	0	0	0
14:00	368	25.0	18.4	6.4	2	32	89	86	105	45	7	2	0	0	0	0
15:00	446	27.5	21.1	6.2	0	13	69	101	139	101	19	3	1	0	0	0
16:00	496	26.4	19.7	6.6	3	20	118	110	140	79	23	2	1	0	0	0
17:00	448	28.9	22.3	6.3	1	11	55	77	134	139	24	6	1	0	0	0
18:00	362	31.3	26.2	5.9	0	1	30	54	155	113	44	8	0	0	0	0
19:00	289	31.2	25.0	5.9	2	5	8	22	103	102	38	7	2	0	0	0
20:00	244	31.1	26.2	4.8	0	1	2	7	99	85	41	9	0	0	0	0
21:00	185	31.0	25.5	5.2	0	1	5	8	78	62	23	7	1	0	0	0
22:00	108	32.7	27.9	4.6	0	0	0	2	27	45	30	3	0	1	0	0
23:00	35	35.6	29.1	6.3	0	0	0	0	2	12	8	4	2	0	0	0
Total																
29E16-12	920	25.1	18.8	6.1	10	68	178	240	283	129	12	0	0	0	0	0
29E14-16	814	26.5	19.9	6.4	2	45	158	187	244	146	26	5	1	0	0	0



North Wales ATC 8, A548 Chapel Street

Direction: Northbound														
30/04/2022														
Hour Beginning	Total Volume	ECN Percentage	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5-15	Bin 3 15-25	Bin 4 25-35	Bin 5 35-45	Bin 6 45-55	Bin 7 55-65	Bin 8 65-75	Bin 9 75-85	Bin 10 85-95
00:00	7	30.4	25.4	4.9	0	0	1	2	4	0	0	0	0	0
01:00	5	28.8	26.5	2.2	0	0	0	1	4	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	5	28.8	26.5	2.2	0	0	0	0	1	4	0	0	0	0
04:00	5	30.1	25.5	4.5	0	0	0	0	3	1	1	0	0	0
05:00	21	28.8	25.8	2.9	0	0	0	0	8	12	1	0	0	0
06:00	30	32.8	28.2	4.5	0	0	0	1	5	15	7	2	0	0
07:00	81	29.1	25.0	4.0	0	0	0	7	35	31	8	0	0	0
08:00	149	28.1	24.3	3.7	0	0	0	0	15	73	53	8	0	0
09:00	193	26.4	21.8	4.6	0	5	6	44	98	55	0	0	0	0
10:00	214	26.2	21.2	4.8	1	7	10	48	111	35	2	0	0	0
11:00	230	24.9	20.1	4.6	0	2	31	70	101	25	0	1	0	0
12:00	183	25.2	20.0	5.0	0	3	31	46	79	22	2	0	0	0
13:00	208	25.6	20.2	5.2	1	6	29	50	91	29	2	0	0	0
14:00	173	26.3	21.1	5.0	0	5	14	41	81	26	1	1	0	0
15:00	171	26.5	21.6	4.8	0	1	11	43	88	24	2	0	2	0
16:00	189	26.4	21.9	5.2	1	7	14	44	91	39	0	0	0	0
17:00	188	25.8	20.6	5.0	0	4	23	51	72	38	0	0	0	0
18:00	160	27.5	22.6	4.7	3	1	4	21	86	43	2	0	0	0
19:00	154	27.6	22.5	4.9	2	1	3	26	60	40	2	0	0	0
20:00	88	25.7	20.9	4.6	0	2	7	20	49	8	2	0	0	0
21:00	68	27.9	22.6	5.0	0	1	4	10	34	16	2	1	0	0
22:00	44	28.1	24.0	4.0	0	0	0	6	22	13	3	0	0	0
23:00	33	28.7	24.6	4.0	0	0	1	1	16	11	2	0	0	0
Total	444	25.5	20.7	4.7	1	9	41	118	212	60	2	1	0	0
2H(14-16)	344	26.4	21.3	4.9	0	6	25	84	171	50	5	1	2	0
12H(7-19)	219	26.5	21.4	5.0	6	41	173	480	1000	400	35	2	2	0
24H(0-24)	2979	26.5	21.7	5.0	8	45	188	545	1201	529	56	5	2	0
AM Peak	11:00	06:00	06:00	06:00	10:00	10:00	11:00	11:00	10:00	08:00	07:00	06:00	00:00	00:00
230	32.8	28.2	4.9	1	7	31	70	111	53	8	2	0	0	0
PM Peak	13:00	23:00	23:00	13:00	18:00	16:00	12:00	17:00	13:00	18:00	14:00	14:00	15:00	12:00
208	28.7	24.6	5.2	3	7	31	51	91	43	3	1	2	0	0

360 TSL Ltd

Direction: Southbound														
30/04/2022														
Hour Beginning	Total Volume	ECN Percentage	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5-15	Bin 3 15-25	Bin 4 25-35	Bin 5 35-45	Bin 6 45-55	Bin 7 55-65	Bin 8 65-75	Bin 9 75-85	Bin 10 85-95
00:00	17	38.0	31.9	5.8	0	0	0	0	2	4	7	2	2	0
01:00	5	39.1	34.5	4.5	0	0	0	0	1	1	3	0	0	0
02:00	4	36.7	32.5	4.1	0	0	0	0	0	1	2	1	0	0
03:00	10	33.5	27.5	5.8	0	0	0	0	0	4	1	0	2	0
04:00	6	33.4	28.3	4.9	0	0	0	0	1	4	0	1	0	0
05:00	4	39.0	36.0	8.7	0	0	0	0	1	2	0	0	0	0
06:00	13	33.9	29.4	4.3	0	0	0	0	2	5	1	0	0	0
07:00	45	33.2	27.4	5.6	0	1	1	1	6	24	11	0	1	0
08:00	104	32.9	27.3	5.4	1	0	4	25	49	17	7	1	0	0
09:00	154	32.0	25.9	5.9	3	0	2	11	43	63	30	1	0	0
10:00	158	30.8	26.3	4.3	0	0	1	7	52	68	28	2	0	0
11:00	183	30.2	25.9	4.2	0	0	2	8	66	81	24	2	0	0
12:00	205	32.6	26.0	6.3	2	1	3	18	40	99	27	4	0	0
13:00	167	31.1	26.1	4.8	0	0	2	13	50	75	28	4	0	0
14:00	174	30.9	26.0	4.7	0	0	4	12	46	85	23	4	0	0
15:00	197	31.3	25.6	5.3	1	2	13	68	78	26	7	1	0	0
16:00	195	30.0	25.8	4.0	0	1	1	8	68	93	24	0	0	0
17:00	200	30.9	25.7	5.0	0	1	1	21	36	100	20	2	0	0
18:00	233	31.9	26.6	6.0	0	2	6	13	37	93	35	4	2	0
19:00	153	31.6	25.2	6.2	2	2	2	14	53	53	21	5	0	0
20:00	129	32.2	25.4	6.6	0	5	1	36	39	37	24	6	1	0
21:00	88	33.7	26.2	7.3	0	3	1	5	33	24	15	3	0	1
22:00	52	36.4	28.9	7.3	0	1	1	5	4	16	16	7	0	0
23:00	29	36.5	30.1	6.2	0	0	0	1	3	11	11	2	0	0
Total	341	30.5	26.1	4.2	0	0	3	15	118	149	52	4	0	0
2H(14-16)	171	31.1	25.9	5.0	1	1	6	25	118	103	49	31	1	0
12H(7-19)	1983	31.5	26.1	5.1	7	7	27	129	560	912	293	37	6	2
24H(0-24)	2493	32.0	26.2	5.5	9	18	32	170	702	1074	395	70	15	1
AM Peak	11:00	01:00	01:00	06:00	09:00	07:00	09:00	09:00	11:00	11:00	09:00	08:00	00:00	00:00
183	36.1	34.5	8.7	3	1	2	11	66	81	39	7	2	1	0
PM Peak	17:00	23:00	23:00	21:00	12:00	20:00	18:00	17:00	15:00	17:00	18:00	15:00	21:00	21:00
208	36.5	30.1	7.3	2	5	6	21	68	109	85	7	3	1	2

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Direction: Total Flow														
Hour Beginning	Total Volume	ECN Percentage	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5-15	Bin 3 15-25	Bin 4 25-35	Bin 5 35-45	Bin 6 45-55	Bin 7 55-65	Bin 8 65-75	Bin 9 75-85	Bin 10 85-95
00:00	24	36.5	30.0	6.3	0	0	0	1	4	7	8	2	2	0
01:00	10	36.1	30.5	5.4	0	0	0	0	1	5	1	3	0	0
02:00	4	36.7	32.5	4.1	0	0	0	0	0	1	2	1	0	0
03:00	15	32.1	27.2	4.8	0	0	0	0	5	8	0	2	0	0
04:00	11	33.9	27.0	4.7	0	0	0	0	4	5	1	1	0	0
05:00	25	31.0	26.5	4.3	0	0	0	0	9	14	1	0	1	0
06:00	43	31.1	28.5	4.4	0	0	0	1	7	20	12	3	0	0
07:00	126	30.7	25.8	4.7	0	1	1	8	41	55	19	0	0	0
08:00	253	30.4	25.5	4.7	1	0	0	19	98	102	25	7	1	0
09:00	347	29.4	23.6	5.6	3	5	8	55	141	98	35	1	0	1
10:00	372	28.8	23.4	5.2	1	7	11	55	163	103	30	2	0	0
11:00	412	28.2	22.7	5.3	0	2	20	78	167	106	24	3	0	0
12:00	388	28.9	23.2	6.5	2	4	34	64	128	121	29	4	0	0
13:00	289	29.1	22.8	5.6	1	5	18	34	141	99	30	4	0	0
14:00	347	29.2	23.6	5.5	0	5	18	53	129	111	26	5	0	0
15:00	368	29.5	23.8	5.5	1	2	13	56	156	102	28	7	3	0
16:00	384	28.9	23.4	5.2	1	8	15	52	151	132	25	0	0	0
17:00	396	29.1	23.3	5.6	0	5	26	72	122	147	20	2	1	0
18:00	353	28.8	23.8	5.8	3	3	10	34	123	116	37	4	0	0
19:00	287	28.9	24.0	5.7	4	3	5	40	113	93	23	5	0	1
20:00	217	30.1	23.6	6.3	0	7	8	36	88	45	26	6	1	0
21:00	156	31.5	24.6	6.6	0	4	5	15	67	40	17	4	3	0
22:00	96	33.3	26.7	6.4	0	1	1	11	26	29	19	7	2	0
23:00	62	33.2	27.2	5.8	0	0	1	2	19	24	13	2	0	1
Total	785	28.5	23.0	5.3	1	9	44	133	330	209	54	5	0	0
2H(14-16)	715	28.4	23.7	5.5	1	7	31	109	285	233	54	12	3	0
12H(7-19)	4122	29.4	23.6	5.6	13	48	200	609	1560	1312	328	39	8	2
24H(0-24)	5072	29.9	23.9	5.7	17	63	220	715	1903	1603	451	75	17	3
AM Peak	11:00	02:00	02:00	06:00	09:00	10:00	11:00	11:00	11:00	09:00	08:00	00:00	00:00	00:00
413	36.7	32.5	6.3	3	7	33	78	167	106	35	7	2	1	0
PM Peak	17:00	23:00	23:00	21:00	19:00	16:00	12:00	17:00	15:00	17:00	18:00	15:00	17:00	21:00
395	36.3	29.2	5.6	4	8	34	72	156	147	37	7	3	1	2



North Wales ATC 8, A548 Chapel Street

Direction: Northbound															01/05/2022											
Hour	Total Volume	ECN	Mean Average	Standard Deviation	Bin 1 <5	Bin 2 5-10	Bin 3 10-15	Bin 4 15-20	Bin 5 20-25	Bin 6 25-30	Bin 7 30-35	Bin 8 35-40	Bin 9 40-45	Bin 10 45-50	Bin 11 50-55	Bin 12 >55										
00:00	9	26.1	24.2	2.5	0	0	0	0	0	6	3	0	0	0	0	0										
01:00	18	29.9	26.7	3.1	0	0	0	0	0	5	11	2	0	0	0	0										
02:00	6	29.3	25.0	4.2	0	0	0	0	1	4	0	0	0	0	0	0										
03:00	3	32.7	27.5	5.0	0	0	0	0	1	1	1	0	0	0	0	0										
04:00	2	28.7	25.0	3.5	0	0	0	0	0	1	1	0	0	0	0	0										
05:00	5	28.8	26.5	2.2	0	0	0	0	0	1	4	0	0	0	0	0										
06:00	15	29.8	26.2	3.5	0	0	0	1	3	10	1	0	0	0	0	0										
07:00	42	28.2	24.5	3.5	0	0	0	2	24	113	3	0	0	0	0	0										
08:00	74	29.6	25.3	4.1	0	0	1	6	24	36	7	0	0	0	0	0										
09:00	561	26.4	22.1	4.1	1	1	2	388	81	33	2	0	0	0	0	0										
10:00	222	26.4	22.0	4.2	0	2	11	42	122	42	3	0	0	0	0	0										
11:00	212	26.8	22.9	3.8	0	0	7	24	134	40	7	0	0	0	0	0										
12:00	217	25.4	18.9	5.2	1	8	25	69	81	31	2	0	0	0	0	0										
13:00	175	26.0	19.5	6.2	1	14	30	34	63	31	2	0	0	0	0	0										
14:00	150	27.2	22.1	4.9	1	3	7	25	77	33	4	0	0	0	0	0										
15:00	162	26.3	22.2	4.0	0	0	6	36	86	31	3	0	0	0	0	0										
16:00	142	26.9	22.0	4.1	0	0	5	26	79	34	3	0	0	0	0	0										
17:00	173	27.3	23.0	4.1	0	1	6	29	89	51	3	0	0	0	0	0										
18:00	120	27.9	22.8	4.9	0	3	5	10	67	31	4	0	0	0	0	0										
19:00	116	27.3	23.1	4.1	0	0	3	22	52	37	2	0	0	0	0	0										
20:00	86	27.3	23.2	3.9	0	0	2	12	46	25	0	1	0	0	0	0										
21:00	36	29.1	24.7	4.2	0	0	0	4	15	15	1	1	0	0	0	0										
22:00	27	27.5	24.5	2.9	0	0	0	0	17	9	1	0	0	0	0	0										
23:00	16	28.9	24.7	4.1	0	0	0	2	6	7	1	0	0	0	0	0										
Total	434	26.6	22.4	4.0	0	2	18	66	256	82	10	0	0	0	0	0										
2H(10-12)	312	26.8	22.1	4.4	1	3	13	61	163	64	7	0	0	0	0	0										
2H(14-16)	1680	27.0	22.0	4.8	5	32	205	339	925	440	0	0	0	0	0	0										
2H(17-19)	2180	27.2	22.3	4.7	5	32	110	377	1079	532	2	0	0	0	0	0										
AM Peak	10:00	03:00	03:00	09:00	09:00	10:00	10:00	10:00	11:00	10:00	08:00	00:00	00:00	00:00	00:00	00:00										
	222	32.7	27.5	5.8	1	2	11	42	134	42	7	0	0	0	0	0										
PM Peak	12:00	21:00	21:00	13:00	12:00	13:00	13:00	12:00	17:00	17:00	14:00	20:00	12:00	12:00	12:00	12:00										
	217	25.1	24.7	6.2	1	14	35	65	85	51	4	1	0	0	0	0										

360 TSL Ltd

Direction: Southbound

Hour Beginning	Total Volume	ECN Percentage	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5-10	Bin 3 10-15	Bin 4 15-20	Bin 5 20-25	Bin 6 25-30	Bin 7 30-35	Bin 8 35-40	Bin 9 40-45	Bin 10 45-50	Bin 11 50-55	Bin 12 >55
00:00	21	37.0	31.3	5.5	0	0	0	1	0	9	4	7	0	0	0	0
01:00	16	39.0	30.3	8.4	0	0	0	1	2	1	1	1	0	0	1	0
02:00	5	28.3	25.5	2.7	0	0	0	0	2	3	0	0	0	0	0	0
03:00	4	31.3	28.8	2.5	0	0	0	0	1	1	0	0	0	0	0	0
04:00	3	37.2	34.2	2.9	0	0	0	0	0	0	2	1	0	0	0	0
05:00	2	39.8	32.3	7.1	0	0	0	0	0	1	0	0	0	0	0	0
06:00	11	35.5	28.9	6.4	0	0	1	0	1	7	0	0	0	0	0	0
07:00	33	34.4	29.0	5.2	0	0	1	0	6	9	15	2	0	0	0	0
08:00	52	34.0	30.2	3.6	0	0	0	0	0	27	20	3	1	0	0	0
09:00	95	30.4	25.6	4.6	0	0	2	10	23	49	10	1	0	0	0	0
10:00	117	32.1	23.1	4.9	1	0	1	2	31	52	27	3	0	0	0	0
11:00	161	30.8	26.6	4.1	0	1	0	3	45	92	17	2	0	1	0	0
12:00	193	30.9	25.2	5.4	1	3	2	15	63	90	13	4	1	1	0	0
13:00	197	30.9	25.5	5.2	0	4	4	9	67	83	26	4	0	0	0	0
14:00	188	30.8	24.9	5.7	2	2	2	26	53	77	23	2	1	0	0	0
15:00	181	31.0	25.4	5.4	1	2	2	14	62	77	15	7	1	0	0	0
16:00	196	31.7	26.1	5.4	0	4	0	14	56	83	34	3	2	0	0	0
17:00	146	32.5	26.8	6.6	1	0	4	13	48	59	17	3	0	0	2	0
18:00	123	32.0	25.8	6.1	0	3	2	15	31	47	24	1	2	0	0	0
19:00	106	32.0	26.8	5.0	0	0	2	4	26	54	17	1	1	1	0	0
20:00	84	32.7	27.7	4.8	0	0	0	0	26	31	21	4	1	0	0	0
21:00	58	33.9	28.3	5.4	0	0	2	2	9	20	22	3	0	0	0	0
22:00	40	34.0	29.4	4.5	0	0	0	0	1	4	18	13	4	0	0	0
23:00	14	34.5	29.3	5.0	0	0	0	0	4	2	7	1	0	0	0	0
Total	278	31.4	26.8	4.4	1	1	1	5	76	144	44	5	0	1	0	0
2H(10-12)	303	30.9	25.1	5.6	3	4	4	40	115	154	38	9	2	0	0	0
2H(14-16)	1682	31.6	25.9	5.4	6	19	20	118	486	745	241	35	8	2	0	2
2H(17-19)	2046	32.0	26.3	5.5	6	19	25	138	560	895	338	58	11	1	1	2
AM Peak	11:00	05:00	04:00	01:00	10:00	11:00	09:00	09:00	11:00	11:00	10:00	00:00	01:00	11:00	01:00	00:00
	181	34.2	34.2	8.4	1	1	2	19	49	92	27	7	1	1	1	0
PM Peak	12:00	22:00	22:00	12:00	14:00	13:00	13:00	14:00	13:00	13:00	16:00	16:00	12:00	12:00	12:00	12:00
	197	34.5	29.4	6.6	2	4	4	26	67	99	34	7	2	1	0	2

360 TSL Ltd

Direction: Total Flow

Hour	Total	ECN	Mean	Stdev	Bin 1	Bin 2	Bin 3	Bin 4	Bin 5	Bin 6	Bin 7	Bin 8	Bin 9	Bin 10	Bin 11	Bin 12
00:00	30	31.2	29.2	5.8	0	0	0	1	6	12	4	7	0	0	0	0
01:00	34	34.9	28.4	6.3	0	0	0	1	7	18	5	1	1	0	1	0
02:00	11	28.8	25.2	3.4	0	0	0	0	1	3	7	0	0	0	0	0
03:00	7	31.8	28.2	3.5	0	0	0	0	1	4	2	0	0	0	0	0
04:00	5	36.4	30.5	5.7	0	0	0	0	0	1	2	1	0	0	0	0
05:00	7	32.9	28.2	4.5	0	0	0	0	1	5	0	1	0	0	0	0
06:00	26	32.5	27.3	5.0	0	0	1	1	4	12	8	0	0	0	0	0
07:00	75	31.5	26.5	4.8	0	0	1	7	30	72	18	2	0	0	0	0
08:00	126	32.1	27.3	4.6	0	0	1	6	25	63	27	3	1	0	0	0
09:00	256	28.2	23.4	4.6	1	1	4	48	108	81	12	1	0	0	0	0
10:00	339	29.0	23.8	5.1	1	2	12	44	153	94	30	3	0	0	0	0
11:00	372	28.9	24.5	4.9	0	1	7	27	179	122	24	2	0	0	0	0
12:00	410	28.6	22.4	6.0	2	11	27	84	144	121	15	4	1	1	0	0
13:00	372	29.4	22.7	6.5	1	18	34	43	130	114	28	4	0	0	0	0
14:00	338	29.4	23.7	5.5	3	5	9	51	130	110	27	2	1	0	0	0
15:00	343	29.1	23.9	5.1	1	2	8	50	148	108	18	7	1	0	0	0
16:00	338	30.0	24.6	5.2	0	4	6	40	129	117	37	3	2	0	0	0
17:00	310	30.0	24.3	5.5	1	1	10	35	137	110	20	3	0	0	0	2
18:00	243	30.2	24.3	5.7	1	6	6	23	91	78	28	11	3	1	0	0
19:00	222	30.0	24.9	4.9	0	0	5	26	78	91	19	1	1	1	0	0
20:00	170	30.5	25.4	4.9	0	0	2	13	72	56	21	5	1	0	0	0
21:00	94	32.4	26.9	5.3	0	0	2	6	33	24	23	4	0	0	0	0
22:00	67	32.2	27.4	4.6	0	0	0	1	21	27	14	4	0	0	0	0
23:00	30	32.1	29.8	5.0	0	0	0	2	10	5	8	1	0	0	0	0
Total	712	29.0	24.1	4.7	1	3	19	71	332	226	54	5	0	1	0	0
2H(10-12)	681	29.2	23.8	5.3	4	7	17	101	278	238	45	9	2	0	0	0
2H(14-16)	3532	29.5	23.9	5.5	11	51	125	433	1411	1150	284	8	1	1	1	0
AMPH-24	4235	29.0	24.3	5.5	11	51	125	435	1639	1427	390	60	11	3	1	2
Hour	11:00	04:00	04:00	00:00	00:00	10:00	10:00	10:00	10:00	00:00	00:00	00:00	00:00	00:00	00:00	00:00
PMH	12:30	34.4	30.5	6.3	0	0	2	12	48	179	132	30	7	1	1	0
Hour	12:00	22:00	22:00	00:00	14:00	13:00	13:00	12:00	15:00	16:00	15:00	16:00	12:00	12:00	17:00	17:00



North Wales ATC 8, A548 Chapel Street

Direction: Northbound

02/05/2022

Hour	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5-10	Bin 3 10-15	Bin 4 15-20	Bin 5 20-25	Bin 6 25-30	Bin 7 30-35	Bin 8 35-40	Bin 9 40-45	Bin 10 45-50	Bin 11 50-55	Bin 12 >=55
00:00	11	29.5	23.4	5.8	0	0	1	1	6	1	2	0	0	0	0	0
01:00	5	34.6	24.5	9.7	0	1	0	0	0	3	1	0	0	0	0	0
02:00	3	32.7	27.5	5.0	0	0	0	0	1	1	1	0	0	0	0	0
03:00	4	33.0	30.0	2.9	0	0	0	0	0	2	2	0	0	0	0	0
04:00	3	32.7	27.5	5.0	0	0	0	0	0	1	1	1	0	0	0	0
05:00	11	29.0	24.8	4.1	0	0	0	1	5	4	1	0	0	0	0	0
06:00	22	29.4	25.2	4.0	0	0	0	2	8	10	2	0	0	0	0	0
07:00	48	29.4	25.1	4.1	0	0	0	4	20	20	3	1	0	0	0	0
08:00	105	28.1	24.5	3.4	0	0	0	0	8	51	42	4	0	0	0	0
09:00	160	27.0	23.2	3.7	0	1	1	23	88	45	2	13	0	0	0	0
10:00	194	28.4	22.6	5.6	0	0	16	23	113	36	3	0	0	0	0	0
11:00	224	25.9	18.6	6.0	1	10	42	55	83	25	5	1	0	0	0	0
12:00	192	25.6	18.8	5.7	1	9	32	41	81	25	3	0	0	0	0	0
13:00	195	26.1	21.5	4.4	0	3	11	46	100	32	3	0	0	0	0	0
14:00	153	26.6	20.6	5.8	1	9	15	32	61	35	0	0	0	0	0	0
15:00	174	26.1	22.2	3.8	0	0	9	26	106	32	1	0	0	0	0	0
16:00	130	26.5	21.7	4.2	0	1	7	32	79	26	3	0	0	0	0	0
17:00	141	27.5	23.5	3.8	0	1	0	19	75	41	5	0	0	0	0	0
18:00	135	27.7	23.3	4.2	0	0	5	21	59	47	3	0	0	0	0	0
19:00	87	28.0	24.5	3.4	0	0	0	5	46	32	4	0	0	0	0	0
20:00	71	28.9	23.1	5.6	1	0	3	11	34	16	4	2	0	0	0	0
21:00	52	28.9	23.8	4.9	0	2	1	2	27	17	3	0	0	0	0	0
22:00	26	31.8	26.0	5.6	0	0	0	4	8	7	6	1	0	0	0	0
23:00	11	23.8	27.0	2.7	0	0	0	0	2	8	1	0	0	0	0	0
Total	418	27.3	23.0	6.0	1	10	58	78	196	61	8	3	0	0	0	3
2H(14-16)	327	26.5	23.5	4.9	1	9	24	58	167	67	1	0	0	0	0	0
12H(7-19)	1871	27.2	23.9	5.1	4	35	188	390	936	406	35	4	0	0	0	3
24H(0-24)	2177	27.6	23.3	5.1	5	38	143	356	1004	508	63	7	0	0	0	3
AM Peak	11:00	01:00	03:00	05:00	11:00	11:00	11:00	11:00	10:00	09:00	11:00	11:00	00:00	00:00	00:00	00:00
	224	34.6	30.0	9.7	1	10	42	55	113	45	5	3	0	0	3	0
PM Peak	13:00	22:00	23:00	14:00	12:00	12:00	12:00	13:00	15:00	18:00	22:00	20:00	12:00	12:00	12:00	12:00
	195	31.8	27.0	5.8	1	9	32	46	106	47	6	2	0	0	0	0

360 TSL Ltd

Direction: Southbound

Hour	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5-10	Bin 3 10-15	Bin 4 15-20	Bin 5 20-25	Bin 6 25-30	Bin 7 30-35	Bin 8 35-40	Bin 9 40-45	Bin 10 45-50	Bin 11 50-55	Bin 12 >=55
00:00	9	35.0	29.7	5.1	0	0	0	0	0	7	1	0	1	0	0	0
01:00	6	36.3	24.2	11.7	0	1	1	0	1	1	1	0	1	0	0	0
02:00	6	43.6	36.7	6.6	0	0	0	0	0	1	1	3	0	1	0	0
03:00	2	37.5	35.5	0.0	0	0	0	0	0	0	0	0	2	0	0	0
04:00	1	-	32.5	-	0	0	0	0	0	1	0	1	0	0	0	0
05:00	3	36.3	31.5	6.0	0	0	0	0	0	1	1	2	0	0	0	0
06:00	20	36.3	28.5	7.5	0	1	0	2	1	6	7	3	0	0	0	0
07:00	35	36.9	31.2	5.5	0	0	0	0	0	5	8	15	6	0	1	0
08:00	73	34.2	29.3	4.7	0	0	1	7	13	25	5	1	0	0	0	0
09:00	95	32.2	26.7	5.3	0	2	1	2	27	40	21	1	1	0	0	0
10:00	120	31.5	26.6	4.7	0	1	1	8	32	54	21	4	0	0	0	0
11:00	126	30.3	25.6	4.5	1	0	2	3	49	55	15	1	0	0	0	0
12:00	163	32.1	26.1	5.8	0	1	8	10	37	76	26	3	1	1	0	0
13:00	171	31.8	27.1	4.5	0	0	4	47	88	26	4	0	2	0	0	0
14:00	131	32.4	27.1	5.2	1	0	1	8	25	64	26	6	0	0	0	0
15:00	160	31.2	25.4	5.5	0	4	3	12	46	70	19	5	0	0	0	0
16:00	147	31.3	25.8	5.3	0	2	0	10	56	51	22	5	1	0	0	0
17:00	133	32.0	26.2	5.5	0	1	2	12	33	59	22	2	1	0	0	0
18:00	162	32.4	25.9	6.3	1	1	1	75	37	68	22	7	0	2	0	0
19:00	127	32.9	28.3	4.5	0	1	0	1	18	56	30	6	0	0	0	0
20:00	89	33.9	28.1	5.7	0	0	3	18	38	24	3	0	2	0	0	0
21:00	54	35.0	28.7	6.1	0	0	2	0	9	25	10	7	0	1	0	0
22:00	44	35.9	30.5	5.2	0	0	0	1	7	8	22	5	1	0	0	0
23:00	11	37.8	33.0	4.7	0	0	0	0	0	4	2	5	0	0	0	0
Total	246	30.9	26.1	4.6	1	0	3	11	81	109	36	5	0	0	0	0
2H(14-16)	191	31.8	26.2	5.4	1	4	4	19	71	134	45	31	0	0	0	0
12H(7-19)	1516	32.1	26.5	5.4	3	11	22	90	403	666	260	49	5	7	0	0
24H(0-24)	1875	32.7	27.0	5.5	3	15	25	97	407	814	360	86	7	11	0	0
AM Peak	11:00	02:00	03:00	05:00	11:00	09:00	11:00	10:00	11:00	11:00	08:00	07:00	00:00	02:00	00:00	00:00
	130	43.6	33.5	11.7	1	2	2	8	49	55	25	6	1	1	0	0
PM Peak	13:00	22:00	23:00	14:00	14:00	15:00	12:00	18:00	16:00	13:00	19:00	18:00	12:00	13:00	12:00	12:00
	171	37.8	33.0	6.3	1	4	8	22	56	88	20	2	1	2	0	0

360 TSL Ltd

Direction: Total Flow																
Hour	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5-10	Bin 3 10-15	Bin 4 15-20	Bin 5 20-25	Bin 6 25-30	Bin 7 30-35	Bin 8 35-40	Bin 9 40-45	Bin 10 45-50	Bin 11 50-55	Bin 12 >=55
00:00	20	32.7	26.3	6.3	0	0	1	1	6	8	3	0	1	0	0	0
01:00	11	35.0	24.3	10.3	0	2	1	0	0	5	2	1	0	0	0	0
02:00	9	41.1	33.6	7.4	0	0	0	0	0	1	2	1	0	1	0	0
03:00	6	37.1	32.5	4.5	0	0	0	0	0	2	2	2	0	0	0	0
04:00	4	33.7	28.6	4.8	0	0	0	0	0	1	1	2	0	0	0	0
05:00	16	32.8	26.9	5.7	0	0	0	1	6	5	2	2	0	0	0	0
06:00	42	33.1	26.8	6.1	0	1	0	4	9	16	9	3	0	0	0	0
07:00	83	33.5	27.7	5.6	0	0	0	4	25	28	18	7	0	0	0	0
08:00	178	33.3	26.5	4.7	0	0	1	9	58	75	29	5	1	0	0	0
09:00	255	29.3	24.5	4.7	0	3	2	75	115	85	23	1	1	0	0	0
10:00	314	30.0	24.1	5.6	0	0	17	31	145	90	24	4	0	0	3	0
11:00	350	30.2	23.8	6.2	2	10	44	58	132	80	20	4	0	0	0	0
12:00	355	28.4	22.7	6.5	1	10	40	51	118	101	29	3	1	1	0	0
13:00	386	29.0	24.1	5.3	0	9	11	50	147	130	29	4	0	2	0	0
14:00	284	30.2	23.6	6.4	2	9	16	40	86	99	26	6	0	0	0	0
15:00	318	28.9	23.8	5.0	0	4	12	37	154	102	20	5	0	0	0	0
16:00	297	29.3	23.7	5.4	1	4	7	42	135	77	25	5	1	0	0	0
17:00	274	28.9	24.8	4.9	0	2	2	31	108	100	27	2	1	1	0	0
18:00	297	30.5	24.7	5.6	1	1	8	42	96	115	25	4	0	0	0	0
19:00	199	31.2	26.6	4.4	0	1	0	6	64	88	34	6	0	0	0	0
20:00	160	32.2	25.9	6.1	1	1	3	14	52	54	28	5	0	2	0	0
21:00	106	32.5	26.3	6.0	0	2	3	3	42	33	7	0	0	1	0	0
22:00	70	34.7	28.8	5.8	0	0	0	5	15	15	28	6	1	0	0	0
23:00	22	35.0	30.0	4.8	0	0	0	0	2	12	1	5	0	0	0	0
Total	664	29.2	22.9	6.1	2	10	61	89	277	170	44	8	0	0	3	0
2H(14-16)	618	29.5	23.7	5.6	2	13	28	77	240	201	46	11	0	0	0	0
12H(7-19)	3387	29.9	24.0	5.7	7	46	360	420	1317	972	296	53	5	7	1	0
24H(2-4)	4052	30.5	24.4	5.8	8	53	168	451	1511	1332	423	93	7	11	3	0
AM Peak	11:00	02:00	02:00	00:00	11:00	11:00	11:00	11:00	00:00	08:00	07:00	00:00	00:00	00:00	00:00	00:00
	386	15.8	18.8	0	0	0	0	0	0	240	201	46	11	0	0	0
PM Peak	11:00	23:00	23:00	00:00	14:00	13:00	13:00	13:00	03:00	03:00	08:00	12:00	13:00	12:00	12:00	12:00
	386	15.8	18.8	0.5	2	35	40	51	154	102	34	7	1	2	0	0



North Wales ATC 8, A548 Chapel Street

Direction: Northbound

05/05/2022																
Hour Beginning	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5-10	Bin 3 10-15	Bin 4 15-20	Bin 5 20-25	Bin 6 25-30	Bin 7 30-35	Bin 8 35-40	Bin 9 40-45	Bin 10 45-50	Bin 11 50-55	Bin 12 >55
00:00	9	31.5	24.2	7.1	0	1	0	0	1	0	7	0	0	0	0	0
01:00	2	34.8	27.5	7.1	0	0	0	0	0	1	1	0	0	0	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	5	33.3	26.5	6.5	0	0	0	0	3	1	1	0	0	0	0	0
04:00	9	27.5	24.7	2.6	0	0	0	0	5	4	0	0	0	0	0	0
05:00	31	29.5	25.1	4.3	0	0	0	2	16	8	5	0	0	0	0	0
06:00	67	31.4	26.5	4.8	0	0	0	7	16	30	12	2	0	0	0	0
07:00	211	28.1	23.6	4.8	0	1	6	29	92	77	5	1	0	0	0	0
08:00	284	24.3	18.3	5.7	2	12	79	79	95	23	0	4	0	0	0	0
09:00	243	18.8	18.8	4.8	1	3	27	65	85	20	0	0	0	0	0	0
10:00	215	23.7	17.7	5.2	0	14	54	54	71	14	1	0	0	0	0	0
11:00	223	23.1	17.1	5.8	3	25	54	63	63	15	0	0	0	0	0	0
12:00	210	22.6	16.8	5.6	0	27	50	71	48	14	0	0	0	0	0	0
13:00	173	23.9	18.8	5.0	2	5	30	58	66	12	0	0	0	0	0	0
14:00	120	21.4	15.0	6.1	5	48	60	57	38	12	0	0	0	0	0	0
15:00	209	18.6	13.7	4.8	0	47	92	47	20	3	0	0	0	0	0	0
16:00	218	18.5	13.7	4.9	0	46	112	47	14	3	0	0	0	0	0	0
17:00	242	25.3	15.9	5.2	0	12	28	68	102	29	3	0	0	0	0	0
18:00	155	27.5	22.2	5.0	0	4	5	36	67	36	7	0	0	0	0	0
19:00	133	27.2	23.2	4.2	0	0	5	17	75	34	6	0	0	0	0	0
20:00	74	28.5	22.4	5.9	0	2	8	7	34	20	2	0	1	0	0	0
21:00	54	26.4	21.9	4.3	0	0	4	10	29	13	1	0	0	0	0	0
22:00	31	28.7	25.2	3.4	0	0	0	1	14	14	2	0	0	0	0	0
23:00	13	33.8	27.5	6.1	0	0	1	0	2	6	3	1	0	0	0	0
Total	438	23.1	17.4	5.5	3	39	108	134	134	29	1	0	0	0	0	0
2H(14-16)	429	20.1	14.4	5.5	5	95	152	104	58	15	0	0	0	0	0	0
12H(7-19)	2575	24.2	18.0	6.0	13	288	587	693	751	258	20	5	0	0	0	0
24H(0-24)	6001	25.2	18.8	6.2	13	243	655	756	842	352	9	1	0	0	0	0
AM Peak	08:00	01:00	02:00	03:00	11:00	11:00	08:00	08:00	08:00	07:00	06:00	08:00	00:00	00:00	00:00	00:00
	284	34.8	27.5	7.1	3	25	79	79	95	77	12	4	0	0	0	0
PM Peak	17:00	23:00	23:00	23:00	14:00	14:00	16:00	12:00	17:00	18:00	18:00	23:00	20:00	12:00	12:00	12:00
	242	33.8	27.5	6.1	5	48	112	71	102	36	7	1	1	0	0	0

360 TSL Ltd

Direction: Southbound

Hour	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5-10	Bin 3 10-15	Bin 4 15-20	Bin 5 20-25	Bin 6 25-30	Bin 7 30-35	Bin 8 35-40	Bin 9 40-45	Bin 10 45-50	Bin 11 50-55	Bin 12 >55
00:00	5	35.8	31.5	4.2	0	0	0	0	0	2	2	1	0	0	0	0
01:00	1	32.5	0	0	0	0	0	0	0	1	0	0	1	0	0	0
02:00	2	53.3	35.0	17.7	0	0	0	0	0	1	0	0	0	0	0	0
03:00	6	37.2	33.3	3.8	0	0	0	0	0	1	2	1	3	2	0	0
04:00	5	35.4	29.5	5.7	0	0	0	0	0	1	2	1	1	0	0	0
05:00	6	39.1	30.0	8.8	0	0	0	1	1	1	3	0	1	0	0	0
06:00	38	34.3	30.0	4.2	0	0	0	4	15	15	4	0	0	0	0	0
07:00	147	33.3	28.8	4.3	0	1	0	1	13	86	37	8	0	1	0	0
08:00	242	25.3	23.6	5.7	1	1	12	46	83	72	22	5	0	0	0	0
09:00	243	28.6	22.4	6.0	1	10	14	45	88	71	11	3	0	0	0	0
10:00	192	29.6	23.6	5.2	1	3	3	33	77	58	16	1	0	0	0	0
11:00	190	28.5	24.0	4.4	0	1	3	21	94	57	13	1	0	0	0	0
12:00	214	28.2	22.2	5.7	4	3	13	36	96	52	8	2	0	0	0	0
13:00	222	28.2	22.8	5.1	2	3	12	25	111	57	12	0	0	0	0	0
14:00	187	27.6	23.2	4.3	0	0	5	29	103	36	14	0	0	0	0	0
15:00	180	26.5	20.5	5.9	4	4	23	45	69	31	5	1	0	0	0	0
16:00	257	28.2	22.9	5.1	2	4	14	31	115	83	8	0	0	0	0	0
17:00	275	31.8	25.8	5.8	5	1	8	26	76	108	50	6	1	0	0	0
18:00	194	31.9	27.2	5.4	0	2	3	11	34	94	41	6	3	0	0	0
19:00	169	32.0	26.2	5.6	1	0	4	13	47	67	29	7	1	0	0	0
20:00	105	32.8	28.0	4.6	0	0	5	20	43	33	4	0	0	0	0	0
21:00	59	33.8	28.4	5.2	0	0	2	1	6	30	16	3	1	0	0	0
22:00	15	33.9	29.1	4.6	0	0	1	0	5	25	17	2	1	0	0	0
23:00	19	35.2	29.9	5.1	0	0	0	0	3	8	4	4	0	0	0	0
Total	382	28.8	23.8	4.8	1	4	6	54	171	135	29	2	0	0	0	0
2H(14-16)	387	27.3	21.8	6.3	4	4	28	74	172	67	17	1	0	0	0	0
12H(7-19)	2541	29.7	23.8	5.7	18	33	110	343	939	805	235	33	4	1	0	0
24H(0-24)	6007	30.5	24.4	5.9	19	33	117	363	1047	998	359	61	8	2	0	0
AM Peak	08:00	02:00	02:00	02:00	08:00	09:00	09:00	08:00	11:00	07:00	07:00	07:00	05:00	02:00	00:00	00:00
	243	33.3	31.8	17.7	5	10	14	46	84	86	37	8	1	1	0	0
PM Peak	17:00	23:00	23:00	16:00	12:00	15:00	15:00	15:00	16:00	17:00	17:00	19:00	18:00	12:00	12:00	12:00
	275	35.2	29.9	5.8	4	4	22	45	115	108	50	7	3	0	0	0

360 TSL Ltd

Direction: Total Flow

Hour	Total Vol	ESD %	Mean Ave	Standard Dev	Bin 1 <5mph	Bin 2 5-10	Bin 3 10-15	Bin 4 15-20	Bin 5 20-25	Bin 6 25-30	Bin 7 30-35	Bin 8 35-40	Bin 9 40-45	Bin 10 45-50	Bin 11 50-55	Bin 12 >55
00:00	14	34.1	26.8	7.0	0	0	0	1	0	2	0	0	0	0	0	0
01:00	3	35.2	29.2	5.8	0	0	0	0	1	0	2	0	0	0	0	0
02:00	7	53.3	35.0	17.7	0	0	0	0	1	0	0	0	0	0	1	0
03:00	11	36.5	30.2	6.1	0	0	0	0	3	2	3	3	0	0	0	0
04:00	14	31.1	26.4	4.5	0	0	0	0	6	1	1	1	0	0	0	0
05:00	37	31.5	25.9	5.4	0	0	0	3	17	8	8	0	1	0	0	0
06:00	105	32.8	27.7	4.9	0	0	0	7	20	45	27	6	0	0	0	0
07:00	158	30.9	25.7	5.0	0	2	6	30	105	163	42	9	0	0	0	0
08:00	136	27.2	20.7	6.3	3	13	91	125	178	95	22	9	0	0	0	0
09:00	446	27.1	21.2	5.6	2	13	41	119	173	91	13	3	0	0	0	0
10:00	407	26.7	20.5	6.0	1	17	57	104	138	72	17	1	0	0	0	0
11:00	412	42.2	26.7	6.2	9	26	57	94	157	72	13	1	0	0	0	0
12:00	424	26.0	19.5	6.2	4	30	63	107	144	66	8	2	0	0	0	0
13:00	395	26.7	21.1	5.5	4	8	42	83	177	69	12	0	0	0	0	0
14:00	407	25.7	18.8	6.7	5	48	65	86	141	48	14	0	0	0	0	0
15:00	389	23.3	16.7	6.3	4	51	115	92	89	34	3	1	0	0	0	0
16:00	475	25.6	18.7	6.7	2	44	126	78	129	86	10	0	0	0	0	0
17:00	515	29.5	23.0	6.3	3	13	36	88	178	137	53	6	1	0	0	0
18:00	349	31.6	25.0	5.8	0	6	8	47	101	110	48	6	3	0	0	0
19:00	302	30.3	24.9	5.3	1	0	9	30	118	101	35	7	1	0	0	0
20:00	179	31.8	25.7	5.8	0	2	8	12	54	61	35	4	1	0	0	0
21:00	113	31.3	25.3	5.8	0	0	4	11	35	40	17	3	1	0	0	0
22:00	82	32.4	27.6	4.6	0	0	1	1	19	39	19	2	1	0	0	0
23:00	32	34.7	29.8	5.6	0	0	1	0	5	14	7	1	0	0	0	0
Total																
2023-12-15	820	26.7	20.4	6.1	4	41	114	188	295	144	30	1	0	0	0	0
2023-12-16	796	26.4	17.8	6.6	9	99	180	178	203	82	17	1	0	0	0	0
2023-12-17	796	27.0	20.9	6.5	31	271	707	808	1709	1803	414	4	1	0	0	0
2023-12-18	6008	26.5	21.6	6.7	32	274	732	1003	1889	1930	411	70	9	2	0	0
Ave	6008	26.5	21.6	6.7	32	274	732	1003	1889	1930	411	70	9	2	0	0
Min	6008	26.5	21.6	6.7	32	274	732	1003	1889	1930	411	70	9	2	0	0
Max	6008	26.5	21.6	6.7	32	274	732	1003	1889	1930	411	70	9	2	0	0
Std Dev	11.0	23.00	71.00	56.00	14.00	15.00	40.00	22.00	27.00	17.00	19.00	18.00	12.00	12.00	12.00	12.00
Min	145	147	283.9	13.0	0	0	1	0	10	17	137	35	1	0	0	0



North Wales ATC 8, A548 Chapel Street

Direction: Northbound

04/05/2022															
Hour Beginning	Total Volume	ECN Percentage	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5-15	Bin 3 15-25	Bin 4 25-35	Bin 5 35-45	Bin 6 45-55	Bin 7 55-65	Bin 8 65-80	Bin 9 80-95	Bin 10 95-105	Bin 11 105-120
00:00	2	28.7	25.8	5.5	0	0	0	0	0	0	0	0	0	0	0
01:00	7	30.4	26.8	3.5	0	0	0	0	2	4	1	0	0	0	0
02:00	2	28.7	25.8	5.5	0	0	0	0	0	1	1	0	0	0	0
03:00	4	28.8	26.3	2.5	0	0	0	0	1	3	0	0	0	0	0
04:00	6	29.3	25.0	4.2	0	0	0	0	4	1	1	0	0	0	0
05:00	31	31.4	26.9	4.4	0	0	0	0	15	15	4	0	1	0	0
06:00	84	29.2	25.0	4.1	0	0	0	4	44	29	4	3	0	0	0
07:00	191	28.8	23.2	5.4	0	10	6	14	84	70	7	0	0	0	0
08:00	308	22.1	16.1	5.7	3	37	103	84	63	15	3	0	0	0	0
09:00	229	24.0	19.5	4.4	0	8	22	84	102	14	0	0	0	0	0
10:00	224	24.4	19.2	5.1	0	11	38	59	99	16	1	0	0	0	0
11:00	201	23.8	16.4	5.2	2	18	66	53	59	3	0	0	0	0	0
12:00	176	22.8	16.4	6.1	0	32	49	30	55	19	0	0	0	0	0
13:00	217	23.0	16.6	6.2	0	34	58	62	41	19	3	0	0	0	0
14:00	227	25.6	18.0	6.4	1	10	49	68	75	18	2	2	0	0	0
15:00	213	21.5	15.9	5.3	1	25	79	51	52	6	0	0	0	0	0
16:00	191	19.3	14.0	5.0	2	36	85	43	25	5	0	0	0	0	0
17:00	240	24.4	18.6	5.6	1	18	40	63	97	19	1	1	0	0	0
18:00	187	26.6	21.7	4.7	0	2	15	40	86	42	2	0	0	0	0
19:00	129	27.9	23.8	4.0	0	0	1	16	67	40	3	2	0	0	0
20:00	86	27.5	23.5	3.9	0	0	2	10	46	25	3	0	0	0	0
21:00	58	26.4	22.4	3.8	0	0	2	10	34	11	1	0	0	0	0
22:00	28	30.0	25.0	4.8	0	0	1	2	11	10	4	0	0	0	0
23:00	16	30.4	25.6	3.8	0	0	0	1	3	10	2	0	0	0	0
Total	425	23.4	17.9	5.3	2	29	104	112	158	19	1	0	0	0	0
2H(14-16)	440	23.8	17.5	6.1	2	35	127	119	127	24	2	2	0	0	2
12H(7-19)	2613	24.2	18.0	6.0	10	241	638	651	833	236	19	3	0	0	2
24H(0-24)	6066	25.3	18.9	6.2	10	241	624	654	1058	386	42	8	1	0	2
AM Peak	08:00	05:00	05:00	08:00	08:00	08:00	08:00	09:00	07:00	07:00	06:00	05:00	00:00	00:00	00:00
	308	31.4	26.9	5.7	3	37	103	84	102	70	7	3	1	0	0
PM Peak	17:00	23:00	23:00	14:00	16:00	16:00	14:00	17:00	18:00	22:00	14:00	12:00	14:00	12:00	12:00
	249	30.4	26.6	6.4	2	36	85	68	97	42	4	2	0	2	0

360 TSL Ltd

Direction: Southbound

04/05/2022															
Hour Beginning	Total Volume	ECN Percentage	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5-15	Bin 3 15-25	Bin 4 25-35	Bin 5 35-45	Bin 6 45-55	Bin 7 55-65	Bin 8 65-80	Bin 9 80-95	Bin 10 95-105	Bin 11 105-120
00:00	7	41.0	32.5	8.2	0	0	0	0	1	2	2	1	0	1	0
01:00	4	33.0	30.0	2.9	0	0	0	0	0	2	0	0	0	0	0
02:00	2	27.5	27.5	0.0	0	0	0	0	0	2	0	0	0	0	0
03:00	2	39.4	32.5	7.1	0	0	0	0	0	1	0	0	0	0	0
04:00	2	33.7	30.0	3.5	0	0	0	0	0	1	1	0	0	0	0
05:00	14	37.8	31.8	5.8	0	0	0	1	0	3	7	2	0	0	0
06:00	34	34.9	27.5	7.2	0	2	0	7	4	14	8	4	0	0	0
07:00	133	32.9	27.7	5.0	1	0	2	1	24	71	26	7	1	0	0
08:00	283	27.7	21.8	5.7	5	5	18	62	109	73	10	0	0	0	0
09:00	239	28.9	22.9	5.8	0	6	21	30	88	79	13	2	0	0	0
10:00	175	28.8	25.0	5.7	0	0	13	73	79	9	1	0	0	0	0
11:00	186	29.1	23.3	5.7	2	0	4	42	74	48	11	4	0	1	0
12:00	184	26.2	20.9	5.1	1	6	15	42	90	29	1	1	0	0	0
13:00	209	29.1	21.7	5.7	1	3	10	38	78	62	15	0	2	0	0
14:00	194	29.1	23.8	5.1	0	2	7	29	74	64	18	0	0	0	0
15:00	224	29.3	23.7	5.4	2	1	11	28	90	73	16	0	0	0	0
16:00	296	27.7	22.5	5.0	5	0	14	49	142	75	11	0	0	0	0
17:00	309	29.7	24.1	5.5	2	3	11	45	97	126	20	5	0	0	0
18:00	213	32.0	26.4	5.4	1	4	2	10	50	106	33	6	1	0	0
19:00	155	34.6	28.2	6.1	0	0	1	8	26	71	34	7	0	2	1
20:00	119	33.3	28.1	5.0	0	0	2	4	17	42	22	0	0	0	0
21:00	71	32.0	26.2	5.7	0	0	1	8	16	35	9	1	0	0	1
22:00	40	35.8	31.1	4.5	0	0	0	2	16	44	7	1	0	0	0
23:00	20	36.3	31.0	5.2	0	0	0	1	1	5	9	4	0	0	0
Total	361	29.2	24.1	4.9	2	0	4	55	147	127	20	5	0	1	0
2H(14-16)	418	29.2	23.7	5.3	2	3	18	57	144	137	34	3	0	0	0
12H(7-19)	2645	29.3	23.6	5.6	20	30	116	388	989	885	183	29	4	1	0
24H(0-24)	6111	30.4	24.3	5.9	20	32	120	412	1056	1099	291	68	6	4	2
AM Peak	08:00	05:00	05:00	08:00	08:00	09:00	08:00	08:00	09:00	07:00	07:00	06:00	05:00	00:00	00:00
	283	41.0	32.5	8.2	5	6	21	62	109	79	26	7	1	1	0
PM Peak	17:00	23:00	23:00	18:00	16:00	13:00	13:00	16:00	16:00	17:00	19:00	30:00	13:00	19:00	19:00
	309	36.3	32.1	6.1	5	6	15	45	142	126	24	12	2	2	1

360 TSL Ltd

Direction: Total Flow

04/05/2022															
Hour Beginning	Total Volume	ECN Percentage	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5-15	Bin 3 15-25	Bin 4 25-35	Bin 5 35-45	Bin 6 45-55	Bin 7 55-65	Bin 8 65-80	Bin 9 80-95	Bin 10 95-105	Bin 11 105-120
00:00	9	39.0	30.8	7.9	0	0	0	0	2	2	2	1	0	1	0
01:00	11	31.6	28.0	3.5	0	0	0	0	2	6	3	0	0	0	0
02:00	4	28.8	26.3	2.5	0	0	0	0	1	3	0	0	0	0	0
03:00	6	33.4	28.3	4.9	0	0	0	0	1	4	0	1	0	0	0
04:00	8	30.8	26.3	4.4	0	0	0	0	4	2	2	0	0	0	0
05:00	45	33.9	28.4	5.4	0	0	0	1	11	18	11	2	2	0	0
06:00	118	31.2	25.7	5.3	0	7	8	48	43	12	7	6	0	0	0
07:00	124	31.0	25.1	5.7	1	10	8	15	108	141	33	7	1	0	0
08:00	391	25.4	18.8	6.4	8	42	122	146	172	88	13	0	0	0	0
09:00	468	26.8	21.2	5.4	0	14	41	114	190	92	13	2	0	0	0
10:00	399	27.3	21.7	5.4	0	11	38	72	172	95	10	1	0	0	0
11:00	387	26.4	18.7	6.4	4	18	70	95	123	51	11	4	0	0	0
12:00	360	25.0	18.7	6.1	1	38	64	71	145	39	1	1	0	0	0
13:00	426	26.9	19.8	6.8	1	37	58	100	119	81	14	0	0	0	0
14:00	421	27.7	21.2	6.3	1	12	56	97	149	82	20	2	0	0	0
15:00	427	26.8	19.9	6.6	3	26	89	79	142	79	16	3	0	0	0
16:00	487	25.3	19.2	6.5	7	36	96	99	162	80	11	0	0	0	0
17:00	558	28.0	21.6	6.2	3	21	60	108	194	145	21	6	0	0	0
18:00	400	30.0	24.3	5.6	1	6	17	50	136	148	35	6	0	0	0
19:00	280	32.1	26.2	5.7	0	0	2	24	93	111	37	9	0	2	1
20:00	205	31.5	26.2	5.1	0	0	4	14	63	87	25	12	0	0	0
21:00	139	37.9	29.9	6.4	0	0	3	18	50	46	10	1	0	0	1
22:00	68	34.3	28.6	5.5	0	0	1	2	13	26	18	7	1	0	0
23:00	36	34.3	29.0	5.0	0	0	0	2	4	11	11	4	0	0	0
Total	786	26.9	20.7	6.0	4	29	108	167	305	146	21	5	0	1	0
2H(14-16)	858	27.3	20.5	6.5	4	38	145	176	291	161	36	5	0	0	2
12H(7-19)	5158	27.4	20.8	6.4	30	273	794	1039	1822	1121	202	32	4	1	2
24H(0-24)	6177	28.5	21.6	6.6	30	273	744	1106	2114	1485	333	76	7	4	4
AM Peak	08:00	05:00	05:00	08:00	08:00	08:00	08:00	08:00	08:00	08:00	06:00	06:00	05:00	04:00	04:00
PM Peak	17:00	17:00	17:00	17:00	16:00	12:00	12:00	12:00	12:00	12:00	12:00	12:00	13:00	18:00	18:00
15:00	34.3	29.0	5.8	7	88	99	105	154	148	37	32	2	2	2	2



North Wales ATC 8, A548 Chapel Street

Direction: Northbound

Hour Beginning	Thu 05/05/2022	Fri 06/05/2022	Sat 07/05/2022	Sun 08/05/2022	Mon 09/05/2022	Tue 10/05/2022	Wed 11/05/2022	5-Day Ave.	7-Day Ave.
00:00	1	4	5	3	3	4	3	3	3
01:00	2	3	6	7	2	3	2	2	4
02:00	3	2	5	1	3	1	1	2	2
03:00	5	5	5	4	7	1	6	5	5
04:00	6	5	6	2	10	4	5	6	5
05:00	25	23	16	5	36	29	27	28	23
06:00	76	73	32	16	61	78	68	71	58
07:00	188	163	75	34	196	203	187	187	149
08:00	297	272	150	82	274	266	303	282	235
09:00	260	220	186	148	207	200	209	219	204
10:00	234	237	192	221	201	205	243	224	219
11:00	211	218	234	206	212	201	199	208	212
12:00	208	201	172	189	226	192	218	209	201
13:00	215	184	189	187	205	207	202	203	198
14:00	231	218	216	164	209	215	214	217	210
15:00	179	219	189	159	206	186	228	204	195
16:00	216	186	210	164	238	236	219	219	210
17:00	243	218	176	171	232	234	256	237	219
18:00	205	148	149	127	145	173	190	172	162
19:00	147	108	114	105	125	119	135	127	122
20:00	113	89	89	68	89	79	73	89	86
21:00	78	62	72	52	48	57	44	58	59
22:00	52	36	52	34	23	25	30	33	36
23:00	15	18	22	14	4	3	12	10	13
Total									
12H(7-19)	2687	2484	2138	1852	2551	2518	2668	2582	2414
16H(6-22)	3101	2816	2445	2093	2874	2851	2988	2926	2738
18H(6-24)	3168	2870	2519	2141	2901	2879	3030	2970	2787
24H(0-24)	3210	2912	2562	2163	2962	2921	3074	3016	2829
AM Peak	08:00	08:00	11:00	10:00	08:00	08:00	08:00	08:00	08:00
	297	272	234	221	274	266	303	282	235
PM Peak	17:00	15:00	14:00	12:00	16:00	16:00	17:00	17:00	17:00
	243	219	216	189	238	236	256	237	219

360 TSL Ltd

Direction: Southbound

Hour Beginning	Thu 05/05/2022	Fri 06/05/2022	Sat 07/05/2022	Sun 08/05/2022	Mon 09/05/2022	Tue 10/05/2022	Wed 11/05/2022	5-Day Ave.	7-Day Ave.
00:00	4	5	13	19	7	5	10	6	9
01:00	3	2	10	13	2	2	3	2	5
02:00	0	2	6	1	2	0	1	1	2
03:00	2	8	5	4	1	3	7	4	4
04:00	2	3	5	1	4	5	5	4	5
05:00	6	5	6	0	8	8	6	7	6
06:00	43	38	12	8	36	47	41	41	32
07:00	148	127	56	33	131	153	138	139	112
08:00	285	257	117	58	248	267	276	267	215
09:00	274	244	130	78	207	230	269	245	205
10:00	228	173	152	130	172	221	170	193	178
11:00	189	176	198	166	180	178	174	179	180
12:00	176	205	211	195	177	185	182	185	190
13:00	213	227	174	173	203	208	216	213	202
14:00	190	215	211	190	178	179	206	194	196
15:00	257	225	190	176	258	254	229	245	227
16:00	243	247	187	197	228	253	237	242	227
17:00	288	272	185	146	281	269	306	283	250
18:00	219	203	164	139	192	180	217	202	188
19:00	185	184	152	95	126	161	146	160	150
20:00	131	104	106	95	90	99	99	105	103
21:00	75	83	74	49	62	71	52	69	67
22:00	70	59	51	31	47	46	43	53	50
23:00	23	29	33	19	18	16	23	22	23
Total									
12H(7-19)	2710	2571	1975	1681	2455	2577	2620	2587	2370
16H(6-22)	3144	2980	2319	1928	2769	2955	2958	2961	2722
18H(6-24)	3237	3068	2403	1978	2834	3017	3024	3036	2794
24H(0-24)	3254	3093	2448	2016	2858	3040	3056	3060	2824
AM Peak	08:00	08:00	11:00	11:00	08:00	08:00	08:00	08:00	08:00
	285	257	198	166	248	267	276	267	215
PM Peak	17:00	17:00	12:00	16:00	17:00	17:00	17:00	17:00	17:00
	288	272	211	197	281	269	306	283	250

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Thu 05/05/2022	Fri 06/05/2022	Sat 07/05/2022	Sun 08/05/2022	Mon 09/05/2022	Tue 10/05/2022	Wed 11/05/2022	5-Day Ave.	7-Day Ave.
00:00	5	9	18	22	10	9	13	9	12
01:00	5	5	16	20	4	5	5	5	9
02:00	3	4	11	2	5	1	2	3	4
03:00	7	13	10	8	8	4	13	9	9
04:00	8	8	11	3	14	9	10	10	9
05:00	31	28	22	5	44	37	33	35	29
06:00	119	111	44	24	97	125	109	112	90
07:00	336	290	131	67	327	356	325	327	262
08:00	582	529	267	140	522	533	579	549	450
09:00	534	464	316	226	414	430	478	464	409
10:00	462	410	344	351	373	426	413	417	397
11:00	400	394	432	372	392	379	373	388	392
12:00	384	406	383	384	403	377	400	394	391
13:00	428	411	363	360	408	415	418	416	400
14:00	421	433	427	354	387	394	420	411	405
15:00	436	444	379	335	464	440	457	448	422
16:00	459	433	397	361	466	489	456	461	437
17:00	531	490	361	317	513	503	562	520	468
18:00	424	351	313	266	337	353	407	374	350
19:00	332	292	266	200	251	280	281	287	272
20:00	244	193	195	163	179	178	172	193	189
21:00	153	145	146	101	110	128	96	126	126
22:00	122	95	103	65	70	71	73	86	86
23:00	38	47	55	33	22	19	35	32	36
Total									
12H(7-19)	5397	5055	4113	3533	5006	5095	5288	5168	4784
16H(6-22)	6245	5796	4764	4021	5643	5806	5946	5887	5460
18H(6-24)	6405	5938	4922	4119	5735	5896	6054	6006	5581
24H(0-24)	6464	6005	5010	4179	5820	5961	6130	6076	5653
AM Peak	08:00	08:00	11:00	11:00	08:00	08:00	08:00	08:00	08:00
	582	529	432	372	522	533	579	549	450
PM Peak	17:00	17:00	14:00	12:00	17:00	17:00	17:00	17:00	17:00
	531	490	427	384	513	503	562	520	468

360 TSL Ltd





North Wales ATC 8, A548 Chapel Street

Direction: Northbound

	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 5 May 2022	3210	2907	278	11	14
Fri 6 May 2022	2912	2651	246	3	12
Sat 7 May 2022	2562	2386	165	4	7
Sun 8 May 2022	2163	2032	122	6	3
Mon 9 May 2022	2962	2729	216	6	11
Tue 10 May 2022	2921	2592	307	6	16
Wed 11 May 2022	3074	2815	237	13	9
5 Day Ave.	3016	2739	257	8	12
7 Day Ave.	2829	2587	224	7	10

Direction: Southbound

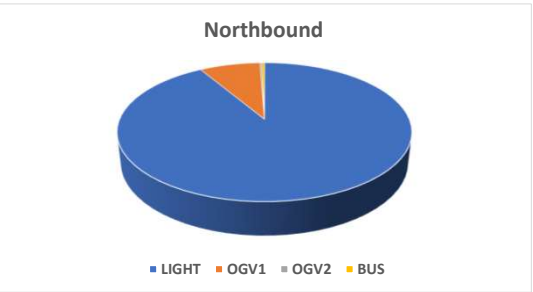
	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 5 May 2022	3254	2630	572	12	40
Fri 6 May 2022	3093	2535	508	6	44
Sat 7 May 2022	2448	2016	403	5	24
Sun 8 May 2022	2016	1640	366	5	5
Mon 9 May 2022	2858	2302	505	3	48
Tue 10 May 2022	3040	2399	600	7	34
Wed 11 May 2022	3056	2493	527	3	33
5 Day Ave.	3060	2472	542	6	40
7 Day Ave.	2824	2288	497	6	33

Direction: Total Flow

	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 5 May 2022	6464	5537	850	23	54
Fri 6 May 2022	6005	5186	754	9	56
Sat 7 May 2022	5010	4402	568	9	31
Sun 8 May 2022	4179	3672	488	11	8
Mon 9 May 2022	5820	5031	721	9	59
Tue 10 May 2022	5961	4991	907	13	50
Wed 11 May 2022	6130	5308	764	16	42
5 Day Ave.	6076	5211	799	14	52
7 Day Ave.	5653	4875	722	13	43

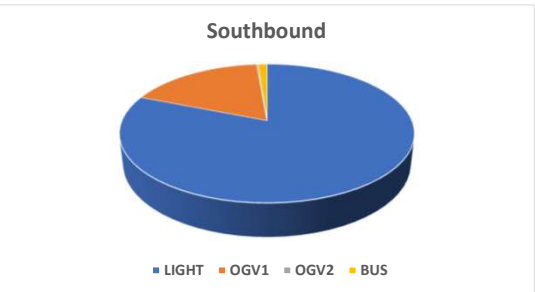
	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 5 May 2022	100.0%	90.6%	8.7%	0.3%	0.4%
Fri 6 May 2022	100.0%	91.0%	8.4%	0.1%	0.4%
Sat 7 May 2022	100.0%	93.1%	6.4%	0.2%	0.3%
Sun 8 May 2022	100.0%	93.9%	5.6%	0.3%	0.1%
Mon 9 May 2022	100.0%	92.1%	7.3%	0.2%	0.4%
Tue 10 May 2022	100.0%	88.7%	10.5%	0.2%	0.5%
Wed 11 May 2022	100.0%	91.6%	7.7%	0.4%	0.3%
5 Day Ave.	100.0%	90.8%	8.5%	0.3%	0.4%
7 Day Ave.	100.0%	91.5%	7.9%	0.2%	0.4%

360 TSL Ltd



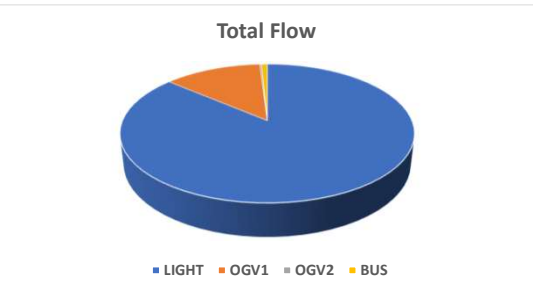
	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 5 May 2022	100.0%	80.8%	17.6%	0.4%	1.2%
Fri 6 May 2022	100.0%	82.0%	16.4%	0.2%	1.4%
Sat 7 May 2022	100.0%	82.4%	16.5%	0.2%	1.0%
Sun 8 May 2022	100.0%	81.3%	18.2%	0.2%	0.2%
Mon 9 May 2022	100.0%	80.5%	17.7%	0.1%	1.7%
Tue 10 May 2022	100.0%	78.9%	19.7%	0.2%	1.1%
Wed 11 May 2022	100.0%	81.6%	17.2%	0.1%	1.1%
5 Day Ave.	100.0%	80.8%	17.7%	0.2%	1.3%
7 Day Ave.	100.0%	81.0%	17.6%	0.2%	1.2%

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	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 5 May 2022	100.0%	85.7%	13.1%	0.4%	0.8%
Fri 6 May 2022	100.0%	86.4%	12.6%	0.1%	0.9%
Sat 7 May 2022	100.0%	87.9%	11.3%	0.2%	0.6%
Sun 8 May 2022	100.0%	87.9%	11.7%	0.3%	0.2%
Mon 9 May 2022	100.0%	86.4%	12.4%	0.2%	1.0%
Tue 10 May 2022	100.0%	83.7%	15.2%	0.2%	0.8%
Wed 11 May 2022	100.0%	86.6%	12.5%	0.3%	0.7%
5 Day Ave.	100.0%	85.8%	13.2%	0.2%	0.9%
7 Day Ave.	100.0%	86.2%	12.8%	0.2%	0.8%

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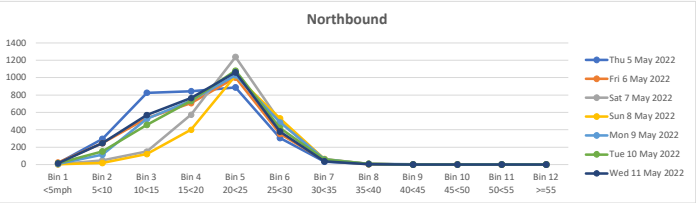


North Wales ATC 8, A548 Chapel Street

Direction: Northbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5<10	Bin 3 10<15	Bin 4 15<20	Bin 5 20<25	Bin 6 25<30	Bin 7 30<35	Bin 8 35<40	Bin 9 40<45	Bin 10 45<50	Bin 11 50<55	Bin 12 >=55
Thu 5 May 2022	3210	24.0	17.8	6.0	12	294	826	843	887	307	34	6	1	0	0	0
Fri 6 May 2022	2912	25.2	18.8	6.2	23	244	532	708	1000	354	47	3	0	1	0	0
Sat 7 May 2022	2562	26.6	21.7	4.8	3	48	149	572	1239	499	45	7	0	0	0	0
Sun 8 May 2022	2163	27.3	22.4	4.7	1	19	120	400	1022	531	63	7	0	0	0	0
Mon 9 May 2022	2962	25.9	19.9	5.8	6	115	524	737	1028	484	61	6	0	0	1	0
Tue 10 May 2022	2921	25.8	19.7	5.8	16	151	457	734	1081	419	57	6	0	0	0	0
Wed 11 May 2022	3074	25.1	18.9	6.0	13	245	569	765	1060	380	37	5	0	0	0	0
5 Day Ave.	3016	25.2	19.0	6.0	14	210	582	757	1011	389	47	5	0	0	0	0
7 Day Ave.	2829	25.7	19.9	5.6	11	159	454	680	1045	425	49	6	0	0	0	0

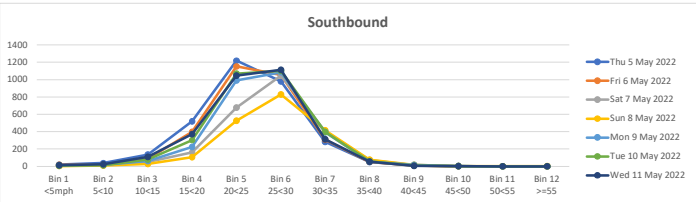
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Direction: Southbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5<10	Bin 3 10<15	Bin 4 15<20	Bin 5 20<25	Bin 6 25<30	Bin 7 30<35	Bin 8 35<40	Bin 9 40<45	Bin 10 45<50	Bin 11 50<55	Bin 12 >=55
Thu 5 May 2022	3254	29.7	23.7	5.8	19	38	136	520	1219	979	282	48	9	3	0	1
Fri 6 May 2022	3093	30.0	24.4	5.4	16	18	87	399	1152	1053	307	51	8	1	1	0
Sat 7 May 2022	2448	31.8	26.2	5.4	6	16	50	162	678	1045	403	72	14	2	0	0
Sun 8 May 2022	2016	32.7	27.0	5.5	4	9	26	105	526	828	416	77	18	4	1	2
Mon 9 May 2022	2858	31.0	25.4	5.4	10	18	62	224	991	1085	394	55	16	3	0	0
Tue 10 May 2022	3040	30.7	25.1	5.4	10	12	79	303	1068	1101	397	59	8	2	0	1
Wed 11 May 2022	3056	30.3	24.5	5.6	15	23	110	372	1047	1113	312	55	7	2	0	0
5 Day Ave.	3060	30.3	24.6	5.5	14	22	95	364	1095	1066	338	54	10	2	0	0
7 Day Ave.	2824	30.9	25.2	5.5	11	19	79	298	954	1029	359	60	11	2	0	1

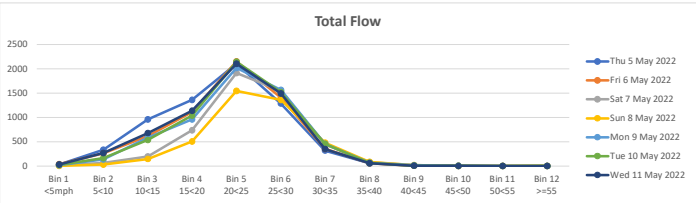
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Direction: Total Flow

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5<10	Bin 3 10<15	Bin 4 15<20	Bin 5 20<25	Bin 6 25<30	Bin 7 30<35	Bin 8 35<40	Bin 9 40<45	Bin 10 45<50	Bin 11 50<55	Bin 12 >=55
Thu 5 May 2022	6464	27.6	20.8	6.6	31	332	962	1363	2106	1286	316	54	10	3	0	1
Fri 6 May 2022	6005	28.4	21.7	6.4	39	262	619	1107	2152	1407	354	54	8	2	1	0
Sat 7 May 2022	5010	29.6	23.9	5.6	9	64	199	734	1917	1544	448	79	14	2	0	0
Sun 8 May 2022	4179	30.4	24.6	5.6	5	28	146	505	1548	1359	479	84	18	4	1	2
Mon 9 May 2022	5820	29.1	22.6	6.2	16	133	586	961	2019	1569	455	61	16	3	1	0
Tue 10 May 2022	5961	28.9	22.5	6.2	26	163	536	1037	2149	1520	454	65	8	2	0	1
Wed 11 May 2022	6130	28.3	21.7	6.4	28	268	679	1137	2107	1493	349	60	7	2	0	0
5 Day Ave.	6076	28.5	21.8	6.4	28	232	676	1121	2107	1455	386	59	10	2	0	0
7 Day Ave.	5653	28.9	22.5	6.1	22	179	532	978	2000	1454	408	65	12	3	0	1

360 TSL Ltd





## North Wales ATC 8, A548 Chapel Street

Direction: Northbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5<10	Bin 3 10<15	Bin 4 15<20	Bin 5 20<25	Bin 6 25<30	Bin 7 30<35	Bin 8 35<40	Bin 9 40<45	Bin 10 45<50	Bin 11 50<55	Bin 12 >=55
Thu 5 May 2022	445	20.0	14.8	5.0	4	70	163	140	59	9	0	0	0	0	0	0
Fri 6 May 2022	455	23.6	18.0	5.5	2	31	101	146	146	26	2	0	0	1	0	0
Sat 7 May 2022	426	24.7	19.7	4.8	0	15	47	145	173	44	2	0	0	0	0	0
Sun 8 May 2022	427	25.7	20.5	5.0	1	9	50	107	196	57	7	0	0	0	0	0
Mon 9 May 2022	413	24.0	18.8	5.0	1	17	73	136	154	30	2	0	0	0	0	0
Tue 10 May 2022	406	24.0	18.9	4.9	0	18	70	129	157	32	0	0	0	0	0	0
Wed 11 May 2022	442	23.1	17.5	5.5	2	51	76	153	137	23	0	0	0	0	0	0
5 Day Ave.	432	23.0	17.6	5.2	2	37	97	141	131	24	1	0	0	0	0	0
7 Day Ave.	431	23.6	18.3	5.1	1	30	83	137	146	32	2	0	0	0	0	0

360 TSL Ltd

Direction: Southbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5<10	Bin 3 10<15	Bin 4 15<20	Bin 5 20<25	Bin 6 25<30	Bin 7 30<35	Bin 8 35<40	Bin 9 40<45	Bin 10 45<50	Bin 11 50<55	Bin 12 >=55
Thu 5 May 2022	417	26.2	19.8	6.1	6	18	55	128	135	57	17	1	0	0	0	0
Fri 6 May 2022	349	27.9	22.5	5.2	2	4	15	75	146	89	15	3	0	0	0	0
Sat 7 May 2022	350	30.2	24.6	5.4	1	6	9	41	104	154	29	6	0	0	0	0
Sun 8 May 2022	296	31.7	26.8	4.8	0	1	3	14	83	123	65	6	1	0	0	0
Mon 9 May 2022	352	28.8	24.0	4.6	1	5	8	33	150	137	18	0	0	0	0	0
Tue 10 May 2022	399	28.3	23.1	5.0	2	4	13	71	169	115	24	1	0	0	0	0
Wed 11 May 2022	344	27.7	22.0	5.5	4	4	28	63	145	89	9	2	0	0	0	0
5 Day Ave.	372	27.8	22.3	5.3	3	7	24	74	149	97	17	1	0	0	0	0
7 Day Ave.	358	28.7	23.3	5.2	2	6	19	61	133	109	25	3	0	0	0	0

360 TSL Ltd

Direction: Total Flow

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5<10	Bin 3 10<15	Bin 4 15<20	Bin 5 20<25	Bin 6 25<30	Bin 7 30<35	Bin 8 35<40	Bin 9 40<45	Bin 10 45<50	Bin 11 50<55	Bin 12 >=55
Thu 5 May 2022	862	23.6	17.3	6.1	10	88	218	268	194	66	17	1	0	0	0	0
Fri 6 May 2022	804	26.0	19.9	5.8	4	35	116	221	292	115	17	3	0	1	0	0
Sat 7 May 2022	776	27.8	21.9	5.6	1	21	56	186	277	198	31	6	0	0	0	0
Sun 8 May 2022	723	29.1	23.1	5.8	1	10	53	121	279	180	72	6	1	0	0	0
Mon 9 May 2022	765	26.9	21.2	5.5	2	22	81	169	304	167	20	0	0	0	0	0
Tue 10 May 2022	805	26.6	21.0	5.4	2	22	83	200	326	147	24	1	0	0	0	0
Wed 11 May 2022	786	25.6	19.5	5.9	6	55	104	216	282	112	9	2	0	0	0	0
5 Day Ave.	804	25.7	19.8	5.7	5	44	120	215	280	121	17	1	0	0	0	0
7 Day Ave.	789	26.5	20.6	5.7	4	36	102	197	279	141	27	3	0	0	0	0

360 TSL Ltd



## North Wales ATC 8, A548 Chapel Street

Direction: Northbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5<10	Bin 3 10<15	Bin 4 15<20	Bin 5 20<25	Bin 6 25<30	Bin 7 30<35	Bin 8 35<40	Bin 9 40<45	Bin 10 45<50	Bin 11 50<55	Bin 12 >=55
Thu 5 May 2022	410	22.0	16.4	5.4	0	41	154	94	99	22	0	0	0	0	0	0
Fri 6 May 2022	437	22.1	16.0	5.9	9	61	124	124	97	20	2	0	0	0	0	0
Sat 7 May 2022	405	26.0	21.1	4.8	1	11	26	98	201	64	3	1	0	0	0	0
Sun 8 May 2022	323	26.2	21.8	4.2	0	1	16	77	170	52	6	1	0	0	0	0
Mon 9 May 2022	415	23.5	17.5	5.8	4	25	132	107	107	34	6	0	0	0	0	0
Tue 10 May 2022	401	24.6	18.2	6.1	4	38	83	101	123	50	2	0	0	0	0	0
Wed 11 May 2022	442	21.1	15.2	5.7	2	79	165	96	76	24	0	0	0	0	0	0
5 Day Ave.	421	22.7	16.7	5.8	4	49	132	104	100	30	2	0	0	0	0	0
7 Day Ave.	405	23.6	18.0	5.4	3	37	100	100	125	38	3	0	0	0	0	0

360 TSL Ltd

Direction: Southbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5<10	Bin 3 10<15	Bin 4 15<20	Bin 5 20<25	Bin 6 25<30	Bin 7 30<35	Bin 8 35<40	Bin 9 40<45	Bin 10 45<50	Bin 11 50<55	Bin 12 >=55
Thu 5 May 2022	447	28.3	23.3	4.8	3	1	5	81	209	123	19	5	1	0	0	0
Fri 6 May 2022	440	28.7	23.2	5.4	4	4	15	76	185	124	29	2	0	1	0	0
Sat 7 May 2022	401	31.3	26.0	5.1	0	4	5	27	115	186	52	9	2	1	0	0
Sun 8 May 2022	366	31.0	25.4	5.4	2	0	10	34	118	138	55	8	1	0	0	0
Mon 9 May 2022	436	29.1	24.1	4.8	3	2	6	46	199	147	29	3	1	0	0	0
Tue 10 May 2022	433	29.2	24.2	4.8	2	2	8	46	192	144	35	4	0	0	0	0
Wed 11 May 2022	435	28.4	23.0	5.2	3	2	24	69	185	126	23	3	0	0	0	0
5 Day Ave.	438	28.7	23.6	5.0	3	2	12	64	194	133	27	3	0	0	0	0
7 Day Ave.	423	29.4	24.2	5.1	2	2	10	54	172	141	35	5	1	0	0	0

360 TSL Ltd

Direction: Total Flow

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5<10	Bin 3 10<15	Bin 4 15<20	Bin 5 20<25	Bin 6 25<30	Bin 7 30<35	Bin 8 35<40	Bin 9 40<45	Bin 10 45<50	Bin 11 50<55	Bin 12 >=55
Thu 5 May 2022	857	26.4	20.0	6.2	3	42	159	175	308	145	19	5	1	0	0	0
Fri 6 May 2022	877	26.5	19.6	6.7	13	65	139	200	282	144	31	2	0	1	0	0
Sat 7 May 2022	806	29.3	23.5	5.5	1	15	31	125	316	250	55	10	2	1	0	0
Sun 8 May 2022	689	29.1	23.7	5.2	2	1	26	111	288	190	61	9	1	0	0	0
Mon 9 May 2022	851	27.4	20.9	6.3	7	27	138	153	306	181	35	3	1	0	0	0
Tue 10 May 2022	834	27.8	21.3	6.2	6	40	91	147	315	194	37	4	0	0	0	0
Wed 11 May 2022	877	26.0	19.1	6.7	5	81	189	165	261	150	23	3	0	0	0	0
5 Day Ave.	859	26.8	20.2	6.4	7	51	143	168	294	163	29	3	0	0	0	0
7 Day Ave.	827	27.5	21.2	6.1	5	39	110	154	297	179	37	5	1	0	0	0

360 TSL Ltd



# North Wales ATC 8, A548 Chapel Street

Direction: Northbound

05/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	1	1	0	0	0
01:00	2	2	0	0	0
02:00	3	0	3	0	0
03:00	5	5	0	0	0
04:00	6	5	1	0	0
05:00	25	24	1	0	0
06:00	76	61	15	0	0
07:00	188	169	19	0	0
08:00	297	281	14	1	1
09:00	260	237	19	1	3
10:00	234	217	16	0	1
11:00	211	180	30	0	1
12:00	208	180	25	1	2
13:00	215	184	29	2	0
14:00	231	205	24	0	2
15:00	179	153	24	1	1
16:00	216	198	15	1	2
17:00	243	227	14	2	0
18:00	205	189	13	2	1
19:00	147	143	4	0	0
20:00	113	108	5	0	0
21:00	78	75	3	0	0
22:00	52	48	4	0	0
23:00	15	15	0	0	0
Total					
12H(7-19)	2687	2420	242	11	14
16H(6-22)	3101	2807	269	11	14
18H(6-24)	3168	2870	273	11	14
24H(0-24)	3210	2907	278	11	14
AM Peak					
08:00	08:00	11:00	08:00	09:00	
	297	281	30	1	3
PM Peak					
17:00	17:00	13:00	13:00	12:00	
	243	227	29	2	2

360 TSL Ltd

Direction: Southbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	4	2	2	0	0
01:00	3	3	0	0	0
02:00	0	0	0	0	0
03:00	2	0	2	0	0
04:00	2	0	1	0	1
05:00	6	5	0	0	1
06:00	43	34	9	0	0
07:00	148	124	22	0	2
08:00	285	231	52	1	1
09:00	274	215	52	0	7
10:00	228	185	40	2	1
11:00	189	154	33	0	2
12:00	176	142	30	0	4
13:00	213	170	35	3	5
14:00	190	147	40	1	2
15:00	257	202	50	0	5
16:00	243	198	43	0	2
17:00	288	224	58	1	5
18:00	219	176	39	2	2
19:00	185	164	19	2	0
20:00	131	108	23	0	0
21:00	75	63	12	0	0
22:00	70	62	8	0	0
23:00	23	21	2	0	0
Total					
12H(7-19)	2710	2168	494	10	38
16H(6-22)	3144	2537	557	12	38
18H(6-24)	3237	2620	567	12	38
24H(0-24)	3254	2630	572	12	40
AM Peak					
08:00	08:00	08:00	10:00	09:00	
	285	231	52	2	7
PM Peak					
17:00	17:00	17:00	13:00	13:00	
	288	224	58	3	5

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	5	3	2	0	0
01:00	5	5	0	0	0
02:00	3	0	3	0	0
03:00	7	5	2	0	0
04:00	8	5	2	0	1
05:00	31	29	1	0	1
06:00	119	95	24	0	0
07:00	336	293	41	0	2
08:00	582	512	66	2	2
09:00	534	452	71	1	10
10:00	462	402	56	2	2
11:00	400	334	63	0	3
12:00	384	322	55	1	6
13:00	428	354	64	5	5
14:00	421	352	64	1	4
15:00	436	355	74	1	6
16:00	459	396	58	1	4
17:00	531	451	72	3	5
18:00	424	365	52	4	3
19:00	332	307	23	2	0
20:00	244	216	28	0	0
21:00	153	138	15	0	0
22:00	122	110	12	0	0
23:00	38	36	2	0	0
Total					
12H(7-19)	5397	4588	736	21	52
16H(6-22)	6245	5344	826	23	52
18H(6-24)	6405	5490	840	23	52
24H(0-24)	6464	5537	850	23	54
AM Peak					
08:00	08:00	09:00	08:00	09:00	
	582	512	71	2	10
PM Peak					
17:00	17:00	15:00	13:00	12:00	
	531	451	74	5	6

360 TSL Ltd



# North Wales ATC 8, A548 Chapel Street

Direction: Northbound

06/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	4	4	0	0	0
01:00	3	3	0	0	0
02:00	2	2	0	0	0
03:00	5	5	0	0	0
04:00	5	5	0	0	0
05:00	23	21	2	0	0
06:00	73	60	12	1	0
07:00	163	143	20	0	0
08:00	272	249	21	0	2
09:00	220	199	20	0	1
10:00	237	217	19	0	1
11:00	218	195	22	0	1
12:00	201	173	26	0	2
13:00	184	165	19	0	0
14:00	218	201	13	1	3
15:00	219	201	18	0	0
16:00	186	167	18	0	1
17:00	218	208	10	0	0
18:00	148	140	8	0	0
19:00	108	101	6	1	0
20:00	89	87	1	0	1
21:00	62	56	6	0	0
22:00	36	33	3	0	0
23:00	18	16	2	0	0
Total					
12H(7-19)	2484	2258	214	1	11
16H(6-22)	2816	2562	239	3	12
18H(6-24)	2870	2611	244	3	12
24H(0-24)	2912	2651	246	3	12
AM Peak	08:00 272	08:00 249	11:00 22	06:00 1	08:00 2
PM Peak	15:00 219	17:00 208	12:00 26	14:00 1	14:00 3

360 TSL Ltd

Direction: Southbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	5	4	1	0	0
01:00	2	2	0	0	0
02:00	2	2	0	0	0
03:00	8	8	0	0	0
04:00	3	1	1	0	1
05:00	5	4	1	0	0
06:00	38	27	8	0	3
07:00	127	90	32	0	5
08:00	257	209	43	1	4
09:00	244	179	55	0	10
10:00	173	138	32	1	2
11:00	176	141	33	1	1
12:00	205	164	35	1	5
13:00	227	178	42	1	6
14:00	215	180	33	0	2
15:00	225	189	33	1	2
16:00	247	206	39	0	2
17:00	272	235	37	0	0
18:00	203	170	32	0	1
19:00	184	167	17	0	0
20:00	104	89	15	0	0
21:00	83	76	7	0	0
22:00	59	51	8	0	0
23:00	29	25	4	0	0
Total					
12H(7-19)	2571	2079	446	6	40
16H(6-22)	2980	2438	493	6	43
18H(6-24)	3068	2514	505	6	43
24H(0-24)	3093	2535	508	6	44
AM Peak	08:00 257	08:00 209	09:00 55	08:00 1	09:00 10
PM Peak	17:00 272	17:00 235	13:00 42	12:00 1	13:00 6

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	9	8	1	0	0
01:00	5	5	0	0	0
02:00	4	4	0	0	0
03:00	13	13	0	0	0
04:00	8	6	1	0	1
05:00	28	25	3	0	0
06:00	111	87	20	1	3
07:00	290	233	52	0	5
08:00	529	458	64	1	6
09:00	464	378	75	0	11
10:00	410	355	51	1	3
11:00	394	336	55	1	2
12:00	406	337	61	1	7
13:00	411	343	61	1	6
14:00	433	381	46	1	5
15:00	444	390	51	1	2
16:00	433	373	57	0	3
17:00	490	443	47	0	0
18:00	351	310	40	0	1
19:00	292	268	23	1	0
20:00	193	176	16	0	1
21:00	145	132	13	0	0
22:00	95	84	11	0	0
23:00	47	41	6	0	0
Total					
12H(7-19)	5055	4337	660	7	51
16H(6-22)	5796	5000	732	9	55
18H(6-24)	5938	5125	749	9	55
24H(0-24)	6005	5186	754	9	56
AM Peak	08:00 529	08:00 458	09:00 75	06:00 1	09:00 11
PM Peak	17:00 490	17:00 443	12:00 61	12:00 1	12:00 7

360 TSL Ltd



# North Wales ATC 8, A548 Chapel Street

Direction: Northbound

07/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	5	5	0	0	0
01:00	6	5	1	0	0
02:00	5	5	0	0	0
03:00	5	4	1	0	0
04:00	6	5	1	0	0
05:00	16	15	1	0	0
06:00	32	26	6	0	0
07:00	75	65	10	0	0
08:00	150	139	10	0	1
09:00	186	171	13	0	2
10:00	192	177	13	1	1
11:00	234	216	18	0	0
12:00	172	166	5	0	1
13:00	189	175	14	0	0
14:00	216	207	6	2	1
15:00	189	175	13	1	0
16:00	210	195	14	0	1
17:00	176	164	12	0	0
18:00	149	145	4	0	0
19:00	114	108	6	0	0
20:00	89	83	6	0	0
21:00	72	70	2	0	0
22:00	52	48	4	0	0
23:00	22	17	5	0	0
Total					
12H(7-19)	2138	1995	132	4	7
16H(6-22)	2445	2282	152	4	7
18H(6-24)	2519	2347	161	4	7
24H(0-24)	2562	2386	165	4	7
AM Peak	11:00 234	11:00 216	11:00 18	10:00 1	09:00 2
PM Peak	14:00 216	14:00 207	13:00 14	14:00 2	12:00 1

360 TSL Ltd

Direction: Southbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	13	11	2	0	0
01:00	10	9	1	0	0
02:00	6	6	0	0	0
03:00	5	4	0	0	1
04:00	5	3	2	0	0
05:00	6	4	2	0	0
06:00	12	9	3	0	0
07:00	56	46	9	0	1
08:00	117	86	25	0	6
09:00	130	107	19	1	3
10:00	152	128	24	0	0
11:00	198	160	34	0	4
12:00	211	178	32	0	1
13:00	174	133	38	0	3
14:00	211	175	35	0	1
15:00	190	157	30	2	1
16:00	187	152	32	1	2
17:00	185	153	32	0	0
18:00	164	145	19	0	0
19:00	152	123	27	1	1
20:00	106	90	16	0	0
21:00	74	65	9	0	0
22:00	51	44	7	0	0
23:00	33	28	5	0	0
Total					
12H(7-19)	1975	1620	329	4	22
16H(6-22)	2319	1907	384	5	23
18H(6-24)	2403	1979	396	5	23
24H(0-24)	2448	2016	403	5	24
AM Peak	11:00 198	11:00 160	11:00 34	09:00 1	08:00 6
PM Peak	12:00 211	12:00 178	13:00 38	15:00 2	13:00 3

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	18	16	2	0	0
01:00	16	14	2	0	0
02:00	11	11	0	0	0
03:00	10	8	1	0	1
04:00	11	8	3	0	0
05:00	22	19	3	0	0
06:00	44	35	9	0	0
07:00	131	111	19	0	1
08:00	267	225	35	0	7
09:00	316	278	32	1	5
10:00	344	305	37	1	1
11:00	432	376	52	0	4
12:00	383	344	37	0	2
13:00	363	308	52	0	3
14:00	427	382	41	2	2
15:00	379	332	43	3	1
16:00	397	347	46	1	3
17:00	361	317	44	0	0
18:00	313	290	23	0	0
19:00	266	231	33	1	1
20:00	195	173	22	0	0
21:00	146	135	11	0	0
22:00	103	92	11	0	0
23:00	55	45	10	0	0
Total					
12H(7-19)	4113	3615	461	8	29
16H(6-22)	4764	4189	536	9	30
18H(6-24)	4922	4326	557	9	30
24H(0-24)	5010	4402	568	9	31
AM Peak	11:00 432	11:00 376	11:00 52	09:00 1	08:00 7
PM Peak	14:00 427	14:00 382	13:00 52	15:00 3	13:00 3

360 TSL Ltd



# North Wales ATC 8, A548 Chapel Street

Direction: Northbound

08/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	3	3	0	0	0
01:00	7	7	0	0	0
02:00	1	1	0	0	0
03:00	4	3	1	0	0
04:00	2	2	0	0	0
05:00	5	5	0	0	0
06:00	16	14	2	0	0
07:00	34	34	0	0	0
08:00	82	77	5	0	0
09:00	148	136	12	0	0
10:00	221	210	11	0	0
11:00	206	193	13	0	0
12:00	189	178	10	1	0
13:00	187	173	13	1	0
14:00	164	160	3	0	1
15:00	159	150	8	0	1
16:00	164	155	7	2	0
17:00	171	162	8	0	1
18:00	127	116	11	0	0
19:00	105	97	8	0	0
20:00	68	62	4	2	0
21:00	52	48	4	0	0
22:00	34	33	1	0	0
23:00	14	13	1	0	0
Total					
12H(7-19)	1852	1744	101	4	3
16H(6-22)	2093	1965	119	6	3
18H(6-24)	2141	2011	121	6	3
24H(0-24)	2163	2032	122	6	3
AM Peak	10:00 221	10:00 210	11:00 13	00:00 0	00:00 0
PM Peak	12:00 189	12:00 178	13:00 13	16:00 2	14:00 1

360 TSL Ltd

Direction: Southbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	19	14	5	0	0
01:00	13	10	3	0	0
02:00	1	1	0	0	0
03:00	4	3	1	0	0
04:00	1	1	0	0	0
05:00	0	0	0	0	0
06:00	8	8	0	0	0
07:00	33	25	8	0	0
08:00	58	44	14	0	0
09:00	78	65	12	0	1
10:00	130	106	23	0	1
11:00	166	137	29	0	0
12:00	195	159	31	5	0
13:00	173	140	32	0	1
14:00	190	158	31	0	1
15:00	176	140	36	0	0
16:00	197	162	35	0	0
17:00	146	116	30	0	0
18:00	139	111	27	0	1
19:00	95	77	18	0	0
20:00	95	79	16	0	0
21:00	49	41	8	0	0
22:00	31	27	4	0	0
23:00	19	16	3	0	0
Total					
12H(7-19)	1681	1363	308	5	5
16H(6-22)	1928	1568	350	5	5
18H(6-24)	1978	1611	357	5	5
24H(0-24)	2016	1640	366	5	5
AM Peak	11:00 166	11:00 137	11:00 29	00:00 0	09:00 1
PM Peak	16:00 197	16:00 162	15:00 36	12:00 5	13:00 1

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	22	17	5	0	0
01:00	20	17	3	0	0
02:00	2	2	0	0	0
03:00	8	6	2	0	0
04:00	3	3	0	0	0
05:00	5	5	0	0	0
06:00	24	22	2	0	0
07:00	67	59	8	0	0
08:00	140	121	19	0	0
09:00	226	201	24	0	1
10:00	351	316	34	0	1
11:00	372	330	42	0	0
12:00	384	337	41	6	0
13:00	360	313	45	1	1
14:00	354	318	34	0	2
15:00	335	290	44	0	1
16:00	361	317	42	2	0
17:00	317	278	38	0	1
18:00	266	227	38	0	1
19:00	200	174	26	0	0
20:00	163	141	20	2	0
21:00	101	89	12	0	0
22:00	65	60	5	0	0
23:00	33	29	4	0	0
Total					
12H(7-19)	3533	3107	409	9	8
16H(6-22)	4021	3533	469	11	8
18H(6-24)	4119	3622	478	11	8
24H(0-24)	4179	3672	488	11	8
AM Peak	11:00 372	11:00 330	11:00 42	00:00 0	09:00 1
PM Peak	12:00 384	12:00 337	13:00 45	12:00 6	14:00 2

360 TSL Ltd



# North Wales ATC 8, A548 Chapel Street

Direction: Northbound

09/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	3	3	0	0	0
01:00	2	2	0	0	0
02:00	3	2	1	0	0
03:00	7	6	1	0	0
04:00	10	9	1	0	0
05:00	36	35	0	1	0
06:00	61	52	9	0	0
07:00	196	175	21	0	0
08:00	274	256	17	0	1
09:00	207	192	14	0	1
10:00	201	181	18	1	1
11:00	212	195	15	1	1
12:00	226	206	19	0	1
13:00	205	187	15	2	1
14:00	209	185	21	1	2
15:00	206	195	11	0	0
16:00	238	209	27	0	2
17:00	232	217	15	0	0
18:00	145	138	6	0	1
19:00	125	123	2	0	0
20:00	89	88	1	0	0
21:00	48	47	1	0	0
22:00	23	22	1	0	0
23:00	4	4	0	0	0
Total					
12H(7-19)	2551	2336	199	5	11
16H(6-22)	2874	2646	212	5	11
18H(6-24)	2901	2672	213	5	11
24H(0-24)	2962	2729	216	6	11
AM Peak					
	08:00	08:00	07:00	05:00	08:00
	274	256	21	1	1
PM Peak					
	16:00	17:00	16:00	13:00	14:00
	238	217	27	2	2

360 TSL Ltd

Direction: Southbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	7	6	1	0	0
01:00	2	1	1	0	0
02:00	2	2	0	0	0
03:00	1	1	0	0	0
04:00	4	0	3	0	1
05:00	8	5	1	0	2
06:00	36	29	7	0	0
07:00	131	104	25	0	2
08:00	248	188	54	1	5
09:00	207	150	48	0	9
10:00	172	133	29	1	9
11:00	180	149	27	0	4
12:00	177	150	24	0	3
13:00	203	164	38	0	1
14:00	178	152	23	0	3
15:00	258	204	50	1	3
16:00	228	175	50	0	3
17:00	281	241	38	0	2
18:00	192	148	44	0	0
19:00	126	103	22	0	1
20:00	90	82	8	0	0
21:00	62	56	6	0	0
22:00	47	41	6	0	0
23:00	18	18	0	0	0
Total					
12H(7-19)	2455	1958	450	3	44
16H(6-22)	2769	2228	493	3	45
18H(6-24)	2834	2287	499	3	45
24H(0-24)	2858	2302	505	3	48
AM Peak					
	08:00	08:00	08:00	08:00	09:00
	248	188	54	1	9
PM Peak					
	17:00	17:00	15:00	15:00	12:00
	281	241	50	1	3

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	10	9	1	0	0
01:00	4	3	1	0	0
02:00	5	4	1	0	0
03:00	8	7	1	0	0
04:00	14	9	4	0	1
05:00	44	40	1	1	2
06:00	97	81	16	0	0
07:00	327	279	46	0	2
08:00	522	444	71	1	6
09:00	414	342	62	0	10
10:00	373	314	47	2	10
11:00	392	344	42	1	5
12:00	403	356	43	0	4
13:00	408	351	53	2	2
14:00	387	337	44	1	5
15:00	464	399	61	1	3
16:00	466	384	77	0	5
17:00	513	458	53	0	2
18:00	337	286	50	0	1
19:00	251	226	24	0	1
20:00	179	170	9	0	0
21:00	110	103	7	0	0
22:00	70	63	7	0	0
23:00	22	22	0	0	0
Total					
12H(7-19)	5006	4294	649	8	55
16H(6-22)	5643	4874	705	8	56
18H(6-24)	5735	4959	712	8	56
24H(0-24)	5820	5031	721	9	59
AM Peak					
	08:00	08:00	08:00	10:00	09:00
	522	444	71	2	10
PM Peak					
	17:00	17:00	16:00	13:00	14:00
	513	458	77	2	5

360 TSL Ltd



## North Wales ATC 8, A548 Chapel Street

Direction: Northbound

10/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	4	4	0	0	0
01:00	3	3	0	0	0
02:00	1	1	0	0	0
03:00	1	1	0	0	0
04:00	4	4	0	0	0
05:00	29	27	2	0	0
06:00	78	64	12	1	1
07:00	203	186	17	0	0
08:00	266	246	19	0	1
09:00	200	177	20	0	3
10:00	205	175	28	0	2
11:00	201	172	27	1	1
12:00	192	171	19	0	2
13:00	207	174	32	0	1
14:00	215	184	28	1	2
15:00	186	162	21	2	1
16:00	236	213	21	0	2
17:00	234	211	23	0	0
18:00	173	155	18	0	0
19:00	119	109	10	0	0
20:00	79	72	7	0	0
21:00	57	54	2	1	0
22:00	25	24	1	0	0
23:00	3	3	0	0	0
Total					
12H(7-19)	2518	2226	273	4	15
16H(6-22)	2851	2525	304	6	16
18H(6-24)	2879	2552	305	6	16
24H(0-24)	2921	2592	307	6	16
AM Peak					
	08:00	08:00	10:00	06:00	09:00
	266	246	28	1	3
PM Peak					
	16:00	16:00	13:00	15:00	12:00
	236	213	32	2	2

360 TSL Ltd

Direction: Southbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	5	5	0	0	0
01:00	2	1	1	0	0
02:00	0	0	0	0	0
03:00	3	3	0	0	0
04:00	5	1	3	0	1
05:00	8	8	0	0	0
06:00	47	32	15	0	0
07:00	153	125	28	0	0
08:00	267	218	46	0	3
09:00	230	168	57	0	5
10:00	221	160	55	2	4
11:00	178	141	34	0	3
12:00	185	153	29	0	3
13:00	208	154	46	2	6
14:00	179	151	23	2	3
15:00	254	197	56	1	0
16:00	253	201	51	0	1
17:00	269	217	51	0	1
18:00	180	144	33	0	3
19:00	161	124	36	0	1
20:00	99	86	13	0	0
21:00	71	61	10	0	0
22:00	46	37	9	0	0
23:00	16	12	4	0	0
Total					
12H(7-19)	2577	2029	509	7	32
16H(6-22)	2955	2332	583	7	33
18H(6-24)	3017	2381	596	7	33
24H(0-24)	3040	2399	600	7	34
AM Peak					
	08:00	08:00	09:00	10:00	09:00
	267	218	57	2	5
PM Peak					
	17:00	17:00	15:00	13:00	13:00
	269	217	56	2	6

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	9	9	0	0	0
01:00	5	4	1	0	0
02:00	1	1	0	0	0
03:00	4	4	0	0	0
04:00	9	5	3	0	1
05:00	37	35	2	0	0
06:00	125	96	27	1	1
07:00	356	311	45	0	0
08:00	533	464	65	0	4
09:00	430	345	77	0	8
10:00	426	335	83	2	6
11:00	379	313	61	1	4
12:00	377	324	48	0	5
13:00	415	328	78	2	7
14:00	394	335	51	3	5
15:00	440	359	77	3	1
16:00	489	414	72	0	3
17:00	503	428	74	0	1
18:00	353	299	51	0	3
19:00	280	233	46	0	1
20:00	178	158	20	0	0
21:00	128	115	12	1	0
22:00	71	61	10	0	0
23:00	19	15	4	0	0
Total					
12H(7-19)	5095	4255	782	11	47
16H(6-22)	5806	4857	887	13	49
18H(6-24)	5896	4933	901	13	49
24H(0-24)	5961	4991	907	13	50
AM Peak					
	08:00	08:00	10:00	10:00	09:00
	533	464	83	2	8
PM Peak					
	17:00	17:00	13:00	14:00	13:00
	503	428	78	3	7

360 TSL Ltd



## North Wales ATC 8, A548 Chapel Street

Direction: Northbound

11/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	3	3	0	0	0
01:00	2	2	0	0	0
02:00	1	1	0	0	0
03:00	6	3	2	1	0
04:00	5	4	0	1	0
05:00	27	26	1	0	0
06:00	68	54	14	0	0
07:00	187	168	19	0	0
08:00	303	292	9	1	1
09:00	209	199	9	1	0
10:00	243	229	13	1	0
11:00	199	172	26	0	1
12:00	218	190	25	1	2
13:00	202	174	26	0	2
14:00	214	192	18	1	3
15:00	228	203	22	3	0
16:00	219	202	15	2	0
17:00	256	242	14	0	0
18:00	190	181	8	1	0
19:00	135	129	6	0	0
20:00	73	68	5	0	0
21:00	44	41	3	0	0
22:00	30	29	1	0	0
23:00	12	11	1	0	0
Total					
12H(7-19)	2668	2444	204	11	9
16H(6-22)	2988	2736	232	11	9
18H(6-24)	3030	2776	234	11	9
24H(0-24)	3074	2815	237	13	9
AM Peak	08:00 303	08:00 292	11:00 26	03:00 1	08:00 1
PM Peak	17:00 256	17:00 242	13:00 26	15:00 3	14:00 3

360 TSL Ltd

Direction: Southbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	10	5	5	0	0
01:00	3	1	2	0	0
02:00	1	1	0	0	0
03:00	7	5	2	0	0
04:00	5	1	4	0	0
05:00	6	5	0	0	1
06:00	41	37	4	0	0
07:00	138	113	23	0	2
08:00	276	232	43	0	1
09:00	269	220	44	0	5
10:00	170	137	30	0	3
11:00	174	144	28	0	2
12:00	182	140	38	0	4
13:00	216	164	45	1	6
14:00	206	152	49	1	4
15:00	229	180	47	0	2
16:00	237	195	40	0	2
17:00	306	263	42	1	0
18:00	217	180	36	0	1
19:00	146	127	19	0	0
20:00	99	90	9	0	0
21:00	52	47	5	0	0
22:00	43	37	6	0	0
23:00	23	17	6	0	0
Total					
12H(7-19)	2620	2120	465	3	32
16H(6-22)	2958	2421	502	3	32
18H(6-24)	3024	2475	514	3	32
24H(0-24)	3056	2493	527	3	33
AM Peak	08:00 276	08:00 232	09:00 44	00:00 0	09:00 5
PM Peak	17:00 306	17:00 263	14:00 49	13:00 1	13:00 6

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	13	8	5	0	0
01:00	5	3	2	0	0
02:00	2	2	0	0	0
03:00	13	8	4	1	0
04:00	10	5	4	1	0
05:00	33	31	1	0	1
06:00	109	91	18	0	0
07:00	325	281	42	0	2
08:00	579	524	52	1	2
09:00	478	419	53	1	5
10:00	413	366	43	1	3
11:00	373	316	54	0	3
12:00	400	330	63	1	6
13:00	418	338	71	1	8
14:00	420	344	67	2	7
15:00	457	383	69	3	2
16:00	456	397	55	2	2
17:00	562	505	56	1	0
18:00	407	361	44	1	1
19:00	281	256	25	0	0
20:00	172	158	14	0	0
21:00	96	88	8	0	0
22:00	73	66	7	0	0
23:00	35	28	7	0	0
Total					
12H(7-19)	5288	4564	669	14	41
16H(6-22)	5946	5157	734	14	41
18H(6-24)	6054	5251	748	14	41
24H(0-24)	6130	5308	764	16	42
AM Peak	08:00 579	08:00 524	11:00 54	03:00 1	09:00 5
PM Peak	17:00 562	17:00 505	13:00 71	15:00 3	13:00 8

360 TSL Ltd



North Wales ATC 8, A548 Chapel Street

05/05/2022															
Direction: Northbound															
Hour Beginning	Total Volume	ECN Percentage	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5-10	Bin 3 10-15	Bin 4 15-20	Bin 5 20-25	Bin 6 25-30	Bin 7 30-35	Bin 8 35-40	Bin 9 40-45	Bin 10 45-50	Bin 11 50-55
00:00	1	22.5	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	2	33.7	30.0	3.5	0	0	0	0	0	1	1	0	0	0	0
02:00	3	28.8	25.8	2.0	0	0	0	0	0	1	1	0	0	0	0
03:00	5	28.8	26.5	2.2	0	0	0	0	0	1	4	0	0	0	0
04:00	6	28.8	26.7	2.0	0	0	0	0	0	1	5	0	0	0	0
05:00	25	31.2	25.9	5.1	0	0	0	3	8	9	4	1	0	0	0
06:00	76	31.2	26.6	4.5	0	0	0	4	21	40	8	2	1	0	0
07:00	188	27.5	23.6	8.7	0	0	3	21	99	61	3	1	0	0	0
08:00	297	23.1	17.3	5.6	0	31	78	86	79	22	1	0	0	0	0
09:00	360	22.2	17.1	4.9	1	17	68	100	45	2	1	0	0	0	0
10:00	234	19.5	14.8	4.6	1	28	102	74	25	4	0	0	0	0	0
11:00	211	20.6	14.9	5.5	3	42	61	66	34	5	0	0	0	0	0
12:00	208	21.5	15.8	5.5	0	33	67	54	47	7	0	0	0	0	0
13:00	215	23.1	17.5	5.4	0	21	49	69	62	14	0	0	0	0	0
14:00	331	19.3	14.4	4.8	0	33	117	48	27	6	0	0	0	0	0
15:00	179	24.3	18.9	5.2	0	8	37	46	72	16	0	0	0	0	0
16:00	216	25.4	17.7	5.5	6	57	119	34	9	0	0	0	0	0	0
17:00	243	23.1	17.3	5.6	1	17	74	72	158	19	2	0	0	0	0
18:00	205	24.8	20.2	4.4	0	2	24	65	89	25	0	0	0	0	0
19:00	147	26.8	21.5	5.1	0	3	10	37	66	29	5	1	0	0	0
20:00	113	25.4	21.2	4.1	0	1	6	29	64	11	2	0	0	0	0
21:00	78	27.1	22.0	4.9	0	0	6	19	34	16	2	1	0	0	0
22:00	52	25.4	20.6	4.7	0	1	4	16	26	3	2	0	0	0	0
23:00	15	30.7	25.2	5.3	0	0	1	0	7	4	3	0	0	0	0
Total	445	20.0	14.8	5.0	4	70	163	140	59	9	0	0	0	0	0
2H(14-16)	410	22.0	16.4	5.4	0	41	154	94	99	22	0	0	0	0	0
12H(7-19)	2487	22.7	16.8	5.7	12	289	799	735	657	187	7	1	0	0	0
24H(0-24)	2330	24.0	17.8	6.0	12	294	826	843	807	307	34	6	1	0	0
AM Peak	08:00	01:00	02:00	08:00	11:00	11:00	10:00	09:00	07:00	07:00	06:00	06:00	06:00	00:00	00:00
297	33.7	30.0	5.6	3	42	102	100	99	61	8	2	1	0	0	0
PM Peak	17:00	23:00	23:00	17:00	16:00	16:00	16:00	17:00	18:00	18:00	19:00	19:00	12:00	12:00	12:00
243	30.7	25.2	5.6	6	57	119	72	85	25	5	1	0	0	0	0

360 TSL Ltd

Direction: Southbound															
Hour Beginning	Total Volume	ECN Percentage	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5-10	Bin 3 10-15	Bin 4 15-20	Bin 5 20-25	Bin 6 25-30	Bin 7 30-35	Bin 8 35-40	Bin 9 40-45	Bin 10 45-50	Bin 11 50-55
00:00	4	33.8	31.3	2.5	0	0	0	0	0	1	3	0	0	0	0
01:00	1	32.5	32.5	0.0	0	0	0	0	0	1	0	0	0	0	0
02:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0
03:00	2	28.7	35.0	3.5	0	0	0	0	0	1	1	0	0	0	0
04:00	2	39.8	32.5	7.1	0	0	0	0	0	1	0	1	0	0	0
05:00	6	39.1	32.5	6.3	0	0	0	0	0	1	6	4	0	0	0
06:00	41	34.5	30.1	4.7	0	0	0	1	3	17	19	1	2	0	0
07:00	148	32.1	27.1	4.8	0	1	2	6	29	74	32	4	0	0	0
08:00	285	29.0	24.0	4.8	1	1	7	39	112	103	21	1	0	0	0
09:00	274	29.6	23.5	5.9	0	6	13	32	127	74	17	3	0	1	0
10:00	228	24.9	22.6	5.6	3	18	21	86	59	24	7	0	0	0	0
11:00	189	27.3	21.3	5.8	3	0	24	42	76	33	10	1	0	0	0
12:00	176	27.7	22.1	5.4	2	4	11	26	85	41	7	0	0	0	0
13:00	213	29.0	23.5	5.3	2	2	8	36	81	75	12	0	1	0	0
14:00	190	26.7	22.2	4.3	1	1	2	46	103	30	6	1	0	0	0
15:00	257	29.3	24.2	4.9	2	3	3	35	106	93	13	4	1	0	0
16:00	243	26.6	21.4	5.0	3	1	15	62	114	45	2	0	0	1	0
17:00	288	29.2	24.8	5.0	1	0	6	47	116	87	28	3	0	0	0
18:00	219	30.3	24.4	5.7	1	1	10	29	75	39	19	6	1	0	0
19:00	185	30.4	25.2	5.0	0	2	2	19	61	77	20	4	0	0	0
20:00	131	31.1	27.0	4.9	0	0	0	7	41	48	29	5	1	0	0
21:00	75	33.4	27.6	5.6	0	0	1	4	18	31	13	7	1	0	0
22:00	70	34.2	27.4	6.5	0	1	0	8	10	31	10	6	1	0	0
23:00	23	33.6	28.2	5.3	0	0	1	1	1	12	7	1	0	0	0
Total	417	26.2	19.8	6.1	6	18	55	128	135	57	17	1	0	0	0
2H(14-16)	447	28.3	23.3	4.8	3	1	5	81	209	123	19	5	1	0	0
12H(7-19)	2710	28.8	23.0	5.6	19	35	132	480	1083	758	174	23	3	2	0
24H(0-24)	4254	29.7	23.7	5.8	19	38	138	530	1219	979	282	48	9	1	0
AM Peak	08:00	04:00	02:00	04:00	10:00	10:00	10:00	10:00	09:00	08:00	07:00	07:00	06:00	09:00	09:00
285	39.8	32.5	7.1	3	18	31	86	127	109	34	4	2	1	0	1
PM Peak	17:00	23:00	23:00	17:00	16:00	13:00	16:00	16:00	17:00	15:00	30:00	21:00	13:00	16:00	12:00
288	34.2	28.2	6.5	3	4	15	62	116	93	29	7	1	1	0	0

360 TSL Ltd

Direction: Total Flow															
Hour	Total Volume	ECN Percentage	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5-10	Bin 3 10-15	Bin 4 15-20	Bin 5 20-25	Bin 6 25-30	Bin 7 30-35	Bin 8 35-40	Bin 9 40-45	Bin 10 45-50	Bin 11 50-55
00:00	5	34.1	29.5	4.5	0	0	0	0	0	1	2	3	0	0	0
01:00	5	33.8	31.5	2.2	0	0	0	0	0	1	4	0	0	0	0
02:00	3	28.8	29.8	2.9	0	0	0	0	0	1	2	0	0	0	0
03:00	7	28.6	26.1	2.4	0	0	0	0	0	2	5	0	0	0	0
04:00	8	32.4	28.1	4.2	0	0	0	0	0	1	6	0	1	0	0
05:00	31	33.3	27.2	5.9	0	0	0	3	9	9	8	1	1	0	0
06:00	119	32.8	27.8	4.8	0	0	0	5	24	57	27	3	0	0	0
07:00	336	29.9	25.2	4.6	0	1	5	27	128	135	35	5	0	0	0
08:00	582	27.1	20.6	6.2	1	32	85	125	191	125	22	1	0	0	0
09:00	534	26.9	20.4	6.3	1	23	81	132	192	87	18	3	0	0	0
10:00	462	22.6	16.7	5.7	4	46	133	160	84	28	7	0	0	0	0
11:00	402	24.6	21.9	6.5	6	42	95	108	112	38	10	1	0	0	0
12:00	384	25.2	18.7	6.3	2	37	79	80	132	48	7	0	0	0	0
13:00	428	26.9	20.5	6.2	2	23	57	99	146	89	12	0	0	0	0
14:00	421	24.1	17.9	6.0	1	34	119	94	130	36	5	1	0	0	0
15:00	436	27.9	22.0	5.6	2	8	40	82	178	109	13	4	1	0	0
16:00	459	23.6	16.8	6.5	9	58	134	96	114	45	1	0	0	0	0
17:00	531	27.4	21.0	6.2	2	17	80	119	174	106	30	3	0	0	0
18:00	454	28.1	22.4	5.6	1	3	34	94	162	104	19	4	0	0	0
19:00	332	29.1	23.6	5.4	0	5	12	56	127	102	25	5	0	0	0
20:00	244	29.9	24.3	5.4	0	1	6	36	105	59	31	5	1	0	0
21:00	153	30.9	24.7	6.0	0	0	7	23	52	15	8	1	0	0	0
22:00	122	31.5	24.5	6.7	0	2	4	24	36	36	12	6	1	1	0
23:00	18	31.6	27.0	5.4	0	0	2	1	8	16	10	1	0	0	0
Total	862	23.6	17.3	6.1	10	88	218	268	194	66	17	1	0	0	0
2H(14-16)	857	26.4	20.0	6.2	3	42	159	175	308	145	19	5	1	0	0
12H(7-19)	5397	26.6	19.9	6.4	31	324	931	1215	1740	945	181	24	3	2	0
24H(0-24)	6464	27.6	20.8	6.6	31	332	962	1363	2106	1286	316	54	30	3	0
AQM Peak	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00
	331	32.6	22.0	6.7	9	58	134	112	178	109	31	8	1	1	0
PM Peak	17:00	18:00	19:00	20:00	21:00	22:00	23:00	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00
	331	32.6	22.0	6.7	9	58	134	112	178	109	31	8	1	1	0



North Wales ATC 8, A548 Chapel Street

Direction: Northbound																	06/05/2022
Hour	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5-10	Bin 3 10-15	Bin 4 15-20	Bin 5 20-25	Bin 6 25-30	Bin 7 30-35	Bin 8 35-40	Bin 9 40-45	Bin 10 45-50	Bin 11 50-55	Bin 12 >55	
00:00	4	28.8	26.3	2.5	0	0	0	0	0	1	3	0	0	0	0	0	
01:00	3	32.2	28.2	2.9	0	0	0	0	0	2	1	0	0	0	0	0	
02:00	3	33.7	30.5	3.0	0	0	0	0	0	1	1	1	0	0	0	0	
03:00	5	31.2	27.5	3.5	0	0	0	0	0	1	3	1	0	0	0	0	
04:00	5	25.8	23.5	2.2	0	0	0	0	4	4	0	0	0	0	0	0	
05:00	23	30.5	26.4	4.0	0	0	0	0	9	11	2	1	0	0	0	0	
06:00	73	30.4	26.3	4.0	0	0	0	2	26	33	11	1	0	0	0	0	
07:00	163	28.4	24.2	4.1	0	0	3	15	82	52	10	1	0	0	0	0	
08:00	272	25.6	19.9	5.5	0	11	41	76	95	46	3	0	0	0	0	0	
09:00	220	24.1	19.1	4.8	0	9	31	75	90	14	1	0	0	0	0	0	
10:00	237	24.1	19.0	4.9	0	13	32	79	96	17	0	0	0	0	0	0	
11:00	218	22.8	16.8	5.8	2	18	69	67	50	9	2	0	0	1	0	0	
12:00	201	19.9	14.3	5.4	7	33	79	48	31	3	0	0	0	0	0	0	
13:00	184	23.9	18.6	5.1	0	7	42	56	64	14	1	0	0	0	0	0	
14:00	138	22.6	16.7	5.7	5	22	55	70	55	10	1	0	0	0	0	0	
15:00	219	21.5	15.4	6.0	4	39	69	54	42	10	1	0	0	0	0	0	
16:00	186	17.1	12.0	4.9	4	72	64	35	34	7	0	0	0	0	0	0	
17:00	218	24.6	19.2	5.3	1	11	36	58	95	21	0	0	0	0	0	0	
18:00	148	26.8	21.7	5.0	0	6	4	35	69	31	3	0	0	0	0	0	
19:00	108	26.7	22.6	3.9	0	1	1	20	60	24	1	0	0	0	0	0	
20:00	89	26.6	23.1	3.4	0	0	2	9	56	21	1	0	0	0	0	0	
21:00	62	27.4	22.4	4.8	0	1	4	9	31	15	2	0	0	0	0	0	
22:00	36	28.2	23.5	4.6	0	1	0	3	22	7	3	0	0	0	0	0	
23:00	18	27.7	24.2	3.4	0	0	0	1	11	5	1	0	0	0	0	0	
Total																	
2H(0-12)	405	23.6	18.0	5.5	2	31	101	146	146	26	2	0	0	1	0	0	
2H(14-16)	437	22.1	16.0	5.9	9	61	124	124	97	29	2	0	0	0	0	0	
12H(7-19)	2484	24.6	18.0	6.0	23	241	526	664	778	238	22	1	0	1	0	0	
AM Peak	2792	25.2	18.8	6.2	23	244	532	708	800	354	47	3	0	1	0	0	
AM Peak	08:00	02:00	02:00	11:00	11:00	11:00	10:00	10:00	07:00	06:00	05:00	00:00	11:00	00:00	00:00	00:00	
	272	33.7	30.0	5.8	2	18	69	79	96	52	11	1	0	1	0	0	
PM Peak	15:00	22:00	23:00	15:00	12:00	16:00	12:00	14:00	17:00	18:00	18:00	12:00	12:00	12:00	12:00	12:00	
	219	28.2	24.2	6.0	7	72	79	70	35	31	3	0	0	0	0	0	

360 TSL Ltd

Direction: Southbound																
Hour	Total Volume	Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5-10	Bin 3 10-15	Bin 4 15-20	Bin 5 20-25	Bin 6 25-30	Bin 7 30-35	Bin 8 35-40	Bin 9 40-45	Bin 10 45-50	Bin 11 50-55	Bin 12 >55
00:00	5	38.8	32.5	6.1	0	0	0	0	0	2	2	0	1	0	0	0
01:00	2	33.7	30.0	3.5	0	0	0	0	0	1	1	0	0	0	0	0
02:00	2	33.7	30.0	3.5	0	0	0	0	0	1	1	0	0	0	0	0
03:00	8	33.7	31.9	1.8	0	0	0	0	0	1	7	0	0	0	0	0
04:00	3	40.2	34.2	5.8	0	0	0	0	0	1	0	2	0	0	0	0
05:00	5	38.3	31.5	6.5	0	0	0	0	0	3	1	0	0	0	0	0
06:00	38	36.8	30.8	5.8	0	0	0	2	7	10	20	3	0	0	1	0
07:00	127	33.4	27.9	5.3	0	2	0	6	18	64	28	8	1	0	0	0
08:00	227	30.5	24.9	5.4	3	5	2	27	87	103	26	6	0	0	0	0
09:00	244	28.8	24.4	4.2	0	0	2	27	112	85	16	1	1	0	0	0
10:00	173	26.4	23.0	5.3	1	1	11	30	65	56	8	1	0	0	0	0
11:00	176	27.4	22.1	5.1	1	3	4	45	81	33	7	2	0	0	0	0
12:00	205	25.9	21.2	4.5	1	2	17	44	108	32	1	0	0	0	0	0
13:00	227	27.5	22.6	4.6	0	1	14	34	112	55	8	0	0	0	0	0
14:00	215	28.3	22.9	5.2	2	3	9	31	101	57	11	1	0	0	0	0
15:00	225	29.2	23.5	5.5	2	6	45	84	67	18	1	0	0	0	0	0
16:00	247	27.2	22.4	4.7	2	0	11	50	118	60	5	1	0	0	0	0
17:00	272	29.6	25.1	4.5	0	1	0	20	139	99	30	1	0	0	0	0
18:00	203	31.1	26.4	5.5	2	2	5	11	57	155	30	6	0	0	0	0
19:00	184	31.3	26.4	4.8	0	2	1	9	53	82	34	3	0	0	0	0
20:00	104	31.6	27.2	4.3	0	0	1	3	22	57	19	1	1	0	0	0
21:00	83	33.1	27.4	5.4	0	0	1	4	20	38	11	8	1	0	0	0
22:00	19	33.2	26.2	6.7	2	0	0	0	6	13	20	16	2	0	0	0
23:00	29	35.5	29.2	6.0	0	0	0	2	4	11	7	4	1	0	0	0
Total																
2H(0-12)	349	27.9	22.5	5.2	2	4	15	75	146	89	15	3	0	0	0	0
2H(14-16)	440	28.7	23.2	5.4	4	4	15	76	185	134	29	2	0	1	0	0
12H(7-19)	2571	29.2	23.8	5.2	14	16	84	373	1038	826	188	28	3	1	0	0
24H(0-24)	3059	30.0	24.4	5.4	16	18	87	399	1152	1053	307	51	8	1	1	0
AM Peak																
08:00	04:00	04:00	04:00	05:00	08:00	11:00	10:00	11:00	09:00	08:00	07:00	07:00	00:00	00:00	06:00	00:00
	272	40.2	34.2	6.5	3	3	11	40	112	189	28	8	1	0	1	0
PM Peak																
17:00	22:00	23:00	22:00	22:00	14:00	14:00	13:00	16:00	17:00	18:00	19:00	21:00	17:00	15:00	12:00	12:00
	272	35.5	29.2	6.7	2	3	17	50	120	155	24	8	1	1	0	0

360 TSL Ltd

Direction: Total Flow																
Hour Beginning	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5-10	Bin 3 10-15	Bin 4 15-20	Bin 5 20-25	Bin 6 25-30	Bin 7 30-35	Bin 8 35-40	Bin 9 40-45	Bin 10 45-50	Bin 11 50-55	Bin 12 >55
00:00	9	31.6	29.7	5.7	0	0	0	0	0	1	5	2	0	1	0	0
01:00	5	32.3	29.5	2.7	0	0	0	0	0	3	2	0	0	0	0	0
02:00	4	33.0	30.0	2.9	0	0	0	0	0	2	0	0	0	0	0	0
03:00	13	31.6	30.2	3.3	0	0	0	0	0	1	4	8	0	0	0	0
04:00	8	34.3	27.5	6.5	0	0	0	0	0	4	2	0	2	0	0	0
05:00	28	32.3	27.3	4.8	0	0	0	0	9	14	3	1	1	0	0	0
06:00	111	31.2	27.9	5.1	0	0	0	4	28	43	31	4	0	0	1	0
07:00	230	31.0	25.8	5.0	0	2	3	21	100	116	38	9	1	0	0	0
08:00	529	28.5	22.4	6.0	3	11	46	103	182	149	29	6	0	0	0	0
09:00	464	27.3	21.9	5.2	0	9	33	102	202	99	17	1	0	0	0	0
10:00	410	26.3	20.7	5.4	1	14	43	109	161	73	8	1	0	0	0	0
11:00	394	25.2	19.3	6.2	3	21	75	112	211	42	5	2	0	0	0	0
12:00	406	24.0	17.8	6.0	8	35	96	92	139	35	1	0	0	0	0	0
13:00	411	26.2	20.8	5.2	0	9	56	91	176	69	9	0	0	0	0	0
14:00	433	26.3	19.8	6.3	7	25	64	101	156	67	12	1	0	0	0	0
15:00	444	26.7	19.5	7.0	6	40	75	99	126	77	19	1	0	1	0	0
16:00	433	25.2	17.9	7.0	6	72	75	61	132	61	5	1	0	0	0	0
17:00	400	28.3	22.5	5.6	1	12	36	78	211	120	30	1	1	0	0	0
18:00	351	30.4	24.4	5.8	2	8	19	46	101	146	33	8	0	0	0	0
19:00	292	30.0	25.0	4.8	0	3	2	29	113	106	36	3	0	0	0	0
20:00	193	29.8	25.3	4.4	0	0	3	12	78	78	20	1	1	0	0	0
21:00	145	31.2	25.3	5.7	0	1	5	13	51	51	13	8	1	0	0	0
22:00	95	31.6	29.2	6.1	2	1	0	9	35	27	19	2	0	0	0	0
23:00	47	33.2	27.3	5.7	0	0	0	1	15	16	8	4	1	0	0	0
Total																
206120	404	26.0	20.9	5.8	4	35	116	221	292	115	17	3	0	1	0	0
206130	404	26.7	19.6	6.7	13	60	109	182	144	71	2	1	0	0	0	0
206140	505	27.5	19.9	6.3	37	257	409	337	1817	504	210	29	1	0	0	0
206150	400	28.6	21.7	6.4	19	262	613	1107	2152	1407	354	54	8	2	1	0
APM Peak																
08:00	500	05:00	03:00	00:00	08:00	11:00	11:00	11:00	11:00	04:00	07:00	00:00	11:00	00:00	11:00	00:00
00:00	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
PM Peak																
17:00	23:00	22:00	21:00	12:00	16:00	13:00	14:00	17:00	18:00	19:00	21:00	17:00	15:00	12:00	12:00	12:00
00:00	32.2	72.9	7.0	8	72	86	305	211	146	85	8	5	1	1	0	0



North Wales ATC 8, A548 Chapel Street

Direction: Northbound															07/05/2022	
Hour	Total Volume	ECM Percentage	Mean Average	Standard Deviation	Bin 1 <5	Bin 2 5-10	Bin 3 10-15	Bin 4 15-20	Bin 5 20-25	Bin 6 25-30	Bin 7 30-35	Bin 8 35-40	Bin 9 40-45	Bin 10 45-50	Bin 11 50-55	Bin 12 >55
00:00	5	30.1	21.5	6.5	0	0	0	1	0	3	0	0	0	0	0	0
01:00	6	32.2	28.3	3.8	0	0	0	0	1	3	2	0	0	0	0	0
02:00	5	30.8	28.5	2.2	0	0	0	0	0	4	1	1	0	0	0	0
03:00	5	30.8	28.5	2.2	0	0	0	0	0	1	0	0	0	0	0	0
04:00	6	30.4	26.7	3.8	0	0	0	0	2	3	1	0	0	0	0	0
05:00	16	30.4	26.6	3.8	0	0	0	0	6	7	8	0	0	0	0	0
06:00	32	31.2	26.1	5.0	0	0	1	1	10	16	2	2	0	0	0	0
07:00	75	28.4	24.1	8.9	0	1	6	38	25	5	0	0	0	0	0	0
08:00	150	27.8	23.4	4.3	0	0	6	20	71	49	3	1	0	0	0	0
09:00	186	26.6	21.5	4.4	0	1	12	52	38	1	0	0	0	0	0	0
10:00	192	25.1	19.9	5.1	0	7	23	64	69	28	1	0	0	0	0	0
11:00	234	24.3	19.6	4.5	0	8	24	81	104	16	1	0	0	0	0	0
12:00	172	26.0	21.7	4.2	0	2	8	39	93	29	0	1	0	0	0	0
13:00	189	25.9	21.2	4.5	0	5	8	48	100	25	3	0	0	0	0	0
14:00	166	25.8	20.8	4.8	1	7	15	49	115	27	2	0	0	0	0	0
15:00	189	26.3	21.4	4.8	0	4	11	49	86	37	1	1	0	0	0	0
16:00	210	25.8	20.7	4.9	0	7	22	42	107	31	1	0	0	0	0	0
17:00	176	26.8	22.2	4.4	1	1	5	38	89	38	4	0	0	0	0	0
18:00	149	26.6	22.1	4.5	0	3	5	24	88	26	3	0	0	0	0	0
19:00	114	26.8	22.6	4.1	0	2	2	18	63	28	1	0	0	0	0	0
20:00	89	27.3	22.3	4.8	1	1	1	20	43	21	1	1	0	0	0	0
21:00	72	27.3	22.9	4.3	0	0	4	9	38	19	2	0	0	0	0	0
22:00	52	27.8	23.8	3.8	0	0	0	7	27	15	3	0	0	0	0	0
23:00	22	30.9	25.0	5.7	0	0	0	5	6	7	3	1	0	0	0	0
Total	426	24.7	19.7	4.8	0	15	47	145	173	44	2	0	0	0	0	0
2H(14-16)	405	26.0	21.1	4.8	1	11	26	98	201	64	3	1	0	0	0	0
12H(7-19)	2138	26.2	21.3	4.7	2	48	149	512	2042	389	25	3	0	0	0	0
24H(0-24)	2562	26.6	21.7	4.8	3	48	149	572	2239	409	45	7	0	0	0	0
AM Peak	11:00	01:00	02:00	03:00	04:00	11:00	11:00	11:00	11:00	08:00	07:00	06:00	05:00	04:00	03:00	02:00
284	32.2	28.5	6.5	0	8	24	81	104	49	5	2	0	0	0	0	0
PM Peak	14:00	23:00	23:00	23:00	14:00	16:00	14:00	14:00	14:00	17:00	17:00	12:00	12:00	12:00	12:00	12:00
216	30.9	25.0	5.7	1	7	22	48	115	38	4	1	0	0	0	0	0

360 TSL Ltd

Direction: Southbound

Hour Beginning	Total Volume	ECM Percentage	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5-10	Bin 3 10-15	Bin 4 15-20	Bin 5 20-25	Bin 6 25-30	Bin 7 30-35	Bin 8 35-40	Bin 9 40-45	Bin 10 45-50	Bin 11 50-55	Bin 12 >55
00:00	13	34.8	29.4	5.2	0	0	0	0	3	4	4	2	0	0	0	0
01:00	10	37.1	30.5	6.3	0	0	0	0	0	1	1	1	0	0	0	0
02:00	6	35.6	31.7	3.8	0	0	0	0	0	2	3	1	0	0	0	0
03:00	5	35.8	33.5	2.2	0	0	0	0	0	1	4	1	0	0	0	0
04:00	5	31.2	27.5	3.5	0	0	0	0	0	1	3	1	0	0	0	0
05:00	6	33.8	31.7	2.0	0	0	0	0	0	1	5	0	0	0	0	0
06:00	12	39.3	33.3	6.0	0	0	0	0	2	0	5	4	1	0	0	0
07:00	16	34.5	28.7	5.6	0	1	0	1	11	18	21	3	1	0	0	0
08:00	117	31.5	25.9	5.4	0	5	9	30	50	71	1	1	0	0	0	0
09:00	130	31.2	26.2	4.8	1	0	2	5	36	66	17	3	0	0	0	0
10:00	152	30.3	26.3	4.0	0	1	8	41	84	17	2	0	0	0	0	0
11:00	198	29.7	23.5	6.0	1	6	8	33	61	73	12	4	0	0	0	0
12:00	211	30.9	23.8	4.9	1	0	2	14	73	86	28	7	0	0	0	0
13:00	174	30.1	24.2	5.7	2	1	8	14	75	50	21	3	0	0	0	0
14:00	211	30.8	26.1	4.6	0	1	1	13	69	91	31	5	0	0	0	0
15:00	190	31.8	25.9	5.6	0	3	4	14	45	95	21	4	2	0	0	0
16:00	187	30.8	26.1	4.6	0	1	1	12	57	85	28	3	0	0	0	0
17:00	185	31.5	26.5	4.8	0	0	3	12	46	94	35	5	0	0	0	0
18:00	164	31.3	27.4	5.7	1	3	5	31	77	38	6	2	0	0	0	0
19:00	152	32.2	25.9	6.0	0	0	8	15	31	73	17	5	2	1	0	0
20:00	106	31.1	27.7	5.2	0	0	1	3	28	29	4	2	0	0	0	0
21:00	74	33.7	27.7	5.8	0	0	3	2	15	29	21	2	2	0	0	0
22:00	15	33.0	27.9	4.9	0	0	1	1	10	21	11	1	0	0	0	0
23:00	33	33.6	27.8	5.6	0	0	1	1	7	13	8	3	0	0	0	0
Total	350	30.2	24.6	5.4	1	6	9	41	104	154	29	6	0	0	0	0
2H(14-16)	403	31.3	26.0	5.1	0	4	5	27	115	146	52	9	2	1	0	0
12H(7-19)	1975	31.3	25.8	5.3	6	16	36	140	578	856	290	46	6	1	0	0
24H(0-24)	2448	31.6	26.2	5.4	6	16	50	162	678	1045	403	72	14	2	0	0
AM Peak	11:00	06:00	03:00	01:00	09:00	11:00	11:00	11:00	11:00	10:00	07:00	06:00	01:00	00:00	00:00	00:00
198	39.3	33.5	6.3	1	6	8	39	61	81	21	4	1	0	0	0	0
PM Peak	12:00	21:00	23:00	20:00	13:00	15:00	13:00	19:00	13:00	15:00	18:00	12:00	15:00	12:00	12:00	12:00
211	33.7	27.9	6.0	2	3	8	15	75	95	38	7	2	1	0	0	0

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	ECM Percentage	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5-10	Bin 3 10-15	Bin 4 15-20	Bin 5 20-25	Bin 6 25-30	Bin 7 30-35	Bin 8 35-40	Bin 9 40-45	Bin 10 45-50	Bin 11 50-55	Bin 12 >55
00:00	18	34.1	27.8	6.1	0	0	1	0	4	7	8	2	0	0	0	0
01:00	16	33.4	29.7	5.5	0	0	0	0	3	6	5	1	1	0	0	0
02:00	11	33.8	30.2	3.4	0	0	0	0	0	4	1	0	0	0	0	0
03:00	10	34.5	31.0	3.4	0	0	0	0	0	4	5	1	0	0	0	0
04:00	11	30.7	27.0	3.5	0	0	0	0	0	3	6	2	0	0	0	0
05:00	22	32.2	28.0	4.1	0	0	0	0	6	8	8	0	0	0	0	0
06:00	44	34.4	28.1	6.1	0	0	1	1	12	16	7	6	1	0	0	0
07:00	131	31.5	26.2	5.2	0	1	7	49	43	26	3	1	0	0	0	0
08:00	267	29.6	24.5	4.9	0	0	11	29	101	99	24	2	1	0	0	0
09:00	316	28.7	23.4	5.1	1	1	14	57	118	104	18	3	0	0	0	0
10:00	344	28.4	22.6	5.6	0	7	24	72	112	109	18	2	0	0	0	0
11:00	432	27.2	21.4	5.6	1	14	32	124	165	89	23	4	0	0	0	0
12:00	383	29.2	24.0	5.1	1	2	10	53	166	155	28	8	0	0	0	0
13:00	383	28.2	22.7	5.3	2	6	16	62	175	75	24	5	0	0	0	0
14:00	427	29.0	23.4	5.4	1	8	16	62	184	138	33	5	0	0	0	0
15:00	379	29.6	23.7	5.7	0	7	15	63	132	132	22	5	2	1	0	0
16:00	397	29.3	23.2	5.4	0	8	23	54	164	116	29	3	0	0	0	0
17:00	361	29.7	24.5	5.1	1	1	8	50	135	122	39	5	0	0	0	0
18:00	313	30.8	24.9	5.7	1	6	6	29	119	103	41	6	3	0	0	0
19:00	266	30.2	24.5	5.5	0	2	10	33	94	101	18	5	2	1	0	0
20:00	195	31.2	25.3	5.7	1	1	2	23	72	59	30	5	2	0	0	0
21:00	146	31.1	25.3	5.6	0	0	7	11	48	33	2	2	2	0	0	0
22:00	103	30.8	25.8	4.8	0	0	1	8	37	38	16	3	0	0	0	0
23:00	55	31.6	26.7	5.8	0	0	1	6	11	20	11	4	0	0	0	0
Total	776	27.8	21.9	5.6	1	21	56	186	277	198	31	6	0	0	0	0
2H(14-16)	806	29.3	23.5	5.5	1	15	31	125	336	250	55	30	2	1	0	0
12H(7-19)	4113	29.2	23.5	5.5	8	61	176	652	1660	1300	240	110	5	0	0	0
Average	5010	26.6	23.9	5.6	9	64	199	734	1917	1544	448	79	14	2	0	0
PM Peak	11:00	11:00	01:00	06:00	09:00	11:00	14:00	16:00	18:00	20:00	07:00	06:00	11:00	00:00	00:00	00:00
AM Peak	432	35.4	31.0	6.1	5	14	32	114	165	109	26	6	1	0	0	0
PM Peak	23:00	23:00	23:00	23:00	13:00	14:00	16:00	18:00	19:00	15:00	18:00	12:00	15:00	15:00	12:00	12:00



North Wales ATC 8, A548 Chapel Street

Direction: Northbound															08/05/2022	
Hour Beginning	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5-10	Bin 3 10-15	Bin 4 15-20	Bin 5 20-25	Bin 6 25-30	Bin 7 30-35	Bin 8 35-40	Bin 9 40-45	Bin 10 45-50	Bin 11 50-55	Bin 12 >=55
00:00	3	28.3	25.8	2.9	0	0	0	0	0	2	0	0	0	0	0	0
01:00	7	31.8	28.2	3.5	0	0	0	0	1	4	2	0	0	0	0	0
02:00	1	-	-	-	0	0	0	0	0	0	1	0	0	0	0	0
03:00	4	36.7	30.0	6.5	0	0	0	0	1	1	1	1	0	0	0	0
04:00	2	28.7	25.0	3.5	0	0	0	0	1	1	0	0	0	0	0	0
05:00	5	28.8	26.5	2.2	0	0	0	0	1	4	0	0	0	0	0	0
06:00	16	30.4	26.6	3.8	0	0	0	1	3	10	2	0	0	0	0	0
07:00	14	30.8	26.3	4.3	0	0	0	2	10	17	4	1	0	0	0	0
08:00	82	28.2	23.9	4.2	0	0	1	12	37	27	5	0	0	0	0	0
09:00	148	28.0	23.4	4.5	0	1	3	25	68	42	4	0	0	0	0	0
10:00	221	25.9	21.2	4.6	1	0	18	60	106	31	5	0	0	0	0	0
11:00	206	25.4	19.9	5.3	0	9	32	47	90	26	2	0	0	0	0	0
12:00	189	27.1	22.1	4.9	0	4	10	40	82	51	1	1	0	0	0	0
13:00	187	27.4	22.0	5.3	0	4	18	31	80	50	3	1	0	0	0	0
14:00	164	26.1	21.9	4.0	0	1	7	34	93	26	3	0	0	0	0	0
15:00	159	26.2	21.7	4.4	0	0	9	43	77	26	3	1	0	0	0	0
16:00	164	27.2	22.8	4.2	0	0	9	36	78	46	3	0	0	0	0	0
17:00	171	25.9	21.9	3.8	0	0	9	34	98	29	1	0	0	0	0	0
18:00	127	28.0	23.8	4.1	0	0	2	17	60	43	4	1	0	0	0	0
19:00	105	27.3	23.4	3.8	0	0	4	10	56	34	1	0	0	0	0	0
20:00	68	28.3	24.4	3.8	0	0	0	7	32	25	4	0	0	0	0	0
21:00	52	29.1	24.7	4.2	0	0	1	4	23	19	5	0	0	0	0	0
22:00	34	27.8	24.3	3.5	0	0	0	3	17	13	1	0	0	0	0	0
23:00	14	30.3	26.1	4.1	0	0	0	0	7	4	3	0	0	0	0	0
Total																
2018-12	427	25.7	20.5	5.0	1	9	50	107	196	57	7	0	0	0	0	0
2014-16	323	26.2	21.8	4.2	0	1	16	77	170	52	6	1	0	0	0	0
12H7-10	1652	27.0	22.1	4.9	1	19	115	275	879	434	44	5	0	0	0	0
24H0-24	2161	27.3	22.4	4.7	1	19	120	400	1022	551	63	7	0	0	0	0
AM Peak																
10:00	03:00	02:00	03:00	10:00	11:00	11:00	10:00	10:00	09:00	09:00	02:00	00:00	00:00	00:00	00:00	00:00
221	36.7	37.5	6.5	1	9	32	60	106	42	9	1	0	0	0	0	0
PM Peak																
12:00	23:00	23:00	13:00	12:00	12:00	13:00	15:00	17:00	12:00	21:00	12:00	12:00	12:00	12:00	12:00	12:00
189	30.3	26.1	5.3	0	4	18	43	98	51	5	1	0	0	0	0	0

360 TSL Ltd

Direction: Southbound															08/05/2022	
Hour Beginning	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5-10	Bin 3 10-15	Bin 4 15-20	Bin 5 20-25	Bin 6 25-30	Bin 7 30-35	Bin 8 35-40	Bin 9 40-45	Bin 10 45-50	Bin 11 50-55	Bin 12 >=55
00:00	19	40.2	31.7	8.2	0	0	0	2	2	4	3	6	1	1	0	0
01:00	13	14.8	29.8	4.8	0	0	0	0	2	5	4	0	0	0	0	0
02:00	1	-	37.5	-	0	0	0	0	0	0	0	1	0	0	0	0
03:00	4	36.3	33.8	3.9	0	0	0	0	0	0	1	1	0	0	0	0
04:00	1	-	32.5	-	0	0	0	0	0	0	1	0	0	0	0	0
05:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
06:00	8	40.8	36.3	4.4	0	0	0	0	0	1	5	1	0	0	0	0
07:00	33	36.0	30.7	5.1	0	0	1	0	2	9	16	5	0	0	0	0
08:00	58	34.7	28.4	6.1	0	0	3	3	5	22	21	3	1	0	0	0
09:00	78	32.8	26.0	6.6	0	3	2	6	18	27	19	3	0	0	0	0
10:00	130	32.8	27.4	5.2	0	1	7	6	23	63	29	5	1	0	0	0
11:00	166	30.9	26.3	4.5	0	0	1	8	60	60	36	1	0	0	0	0
12:00	195	30.7	25.8	4.7	1	1	1	13	60	89	28	2	0	0	0	0
13:00	173	31.5	26.5	4.8	0	2	1	4	55	74	34	2	1	0	0	0
14:00	190	31.4	26.0	5.2	0	0	5	15	58	72	34	6	0	0	0	0
15:00	176	30.2	24.8	5.6	2	0	5	19	60	66	21	2	1	0	0	0
16:00	197	31.2	26.2	4.8	0	0	2	13	63	82	31	5	1	0	0	0
17:00	146	31.7	26.3	4.7	0	1	1	9	31	69	29	4	0	0	0	0
18:00	139	33.4	28.0	5.3	1	1	0	1	35	61	34	6	3	0	0	0
19:00	95	33.2	27.9	5.1	0	0	0	4	20	45	19	5	1	1	0	0
20:00	95	36.5	30.0	6.3	0	0	0	2	16	35	26	9	5	1	1	0
21:00	49	36.9	29.4	7.3	0	0	1	1	7	22	13	2	1	1	0	1
22:00	31	38.4	29.5	8.7	0	1	0	2	3	11	10	1	0	0	1	1
23:00	19	31.0	27.5	8.3	0	0	0	0	4	11	4	0	0	0	0	0
Total																
2018-12	296	31.7	26.8	4.8	0	1	3	14	83	123	65	6	1	0	0	0
2014-16	366	31.0	25.4	5.4	2	0	10	34	118	138	55	8	1	0	0	0
12H7-10	1681	31.9	26.5	5.2	4	8	25	94	472	694	332	44	8	0	0	0
24H0-24	2016	32.7	27.0	5.5	4	9	26	105	526	828	446	77	18	4	1	2
AM Peak																
11:00	06:00	02:00	00:00	00:00	09:00	09:00	08:00	11:00	11:00	10:00	11:00	00:00	00:00	00:00	00:00	00:00
166	40.8	31.5	8.2	0	3	3	8	60	63	36	9	1	1	0	0	0
PM Peak																
12:00	22:00	20:00	22:00	15:00	13:00	14:00	15:00	16:00	13:00	13:00	20:00	20:00	19:00	20:00	20:00	20:00
197	38.6	30.0	8.7	2	2	5	10	63	89	24	8	5	1	1	1	1

360 TSL Ltd

Direction: Total Flow																
Hour Beginning	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5-10	Bin 3 10-15	Bin 4 15-20	Bin 5 20-25	Bin 6 25-30	Bin 7 30-35	Bin 8 35-40	Bin 9 40-45	Bin 10 45-50	Bin 11 50-55	Bin 12 >=55
00:00	22	39.1	30.9	7.9	0	0	0	2	3	6	3	6	1	1	0	0
01:00	20	33.8	29.3	4.4	0	0	0	0	3	9	6	2	0	0	0	0
02:00	2	37.5	37.5	0.0	0	0	0	0	0	0	0	2	0	0	0	0
03:00	8	37.0	31.9	5.0	0	0	0	0	1	1	4	2	0	0	0	0
04:00	3	13.7	27.5	5.0	0	0	0	0	0	1	1	0	0	0	0	0
05:00	5	28.8	26.5	2.2	0	0	0	0	1	4	0	0	0	0	0	0
06:00	24	36.1	29.8	6.1	0	0	0	1	3	11	3	5	0	0	0	0
07:00	67	33.8	28.5	5.2	0	0	1	7	12	26	20	6	0	0	0	0
08:00	140	31.4	25.8	5.5	0	0	4	15	42	49	26	3	1	0	0	0
09:00	226	29.9	24.3	5.4	0	4	5	31	86	69	28	3	0	0	0	0
10:00	351	29.3	23.5	5.7	1	1	20	66	129	94	34	5	1	0	0	0
11:00	372	28.8	22.7	5.9	0	9	29	95	150	86	28	1	0	0	0	0
12:00	384	29.3	24.0	5.2	1	5	11	53	142	140	29	3	0	0	0	0
13:00	360	29.9	24.2	5.5	0	6	19	49	150	124	37	3	0	0	0	0
14:00	354	29.4	24.1	5.1	1	12	49	155	98	111	37	6	0	0	0	0
15:00	335	28.8	23.3	5.3	2	0	14	82	137	92	24	3	1	0	0	0
16:00	361	29.7	24.7	4.8	0	0	8	43	141	128	35	5	1	0	0	0
17:00	317	29.3	24.2	4.9	0	1	10	40	134	98	30	4	0	0	0	0
18:00	266	31.0	25.0	5.2	0	0	0	14	76	158	38	1	0	0	0	0
19:00	200	30.7	25.5	5.0	0	0	0	14	76	79	20	1	1	1	0	0
20:00	187	30.7	25.7	6.0	0	0	0	9	48	40	16	5	1	1	0	0
21:00	101	33.5	27.0	4.3	0	0	2	5	30	41	18	2	1	1	1	0
22:00	65	34.0	26.8	7.0	0	0	0	5	20	24	11	2	1	0	0	0
23:00	33	30.7	26.9	8.7	0	0	0	1	11	15	7	0	0	0	0	0
Total																
20610-18:00	723	29.1	23.1	5.8	1	10	53	121	279	1188	72	6	1	0	0	0
20610-19:00	689	29.7	24.7	5.2	1	2	26	111	288	130	41	5	1	1	0	0
20610-20:00	583	24.2	5.4	5	27	40	140	393	1108	77	6	1	0	0	0	0
20610-21:00	4179	30.4	24.6	5.6	5	28	146	505	1454	1359	479	84	18	4	1	0
AHP-240																
11:00	00:00	00:00	00:00	00:00	10:00	11:00	11:00	11:00	11:00	11:00	11:00	00:00	00:00	00:00	00:00	00:00
12:00	7:00	7:00	7:00	7:00	7:00	7:00	7:00	7:00	7:00	7:00	7:00	7:00	7:00	7:00	7:00	7:00
PMT Peak																
11:00	22:00	70:00	22:00	15:00	13:00	13:00	15:00	14:00	13:00	14:00	20:00	20:00	19:00	19:00	20:00	21:00
184	345	22.7	7.0	2	1	9	82	351	142	142	35	6	3	3	3	3



North Wales ATC 8, A548 Chapel Street

Direction: Northbound															
09/05/2022															
Hour Beginning	Total Volume	ECM Percentage	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5-15	Bin 3 15-25	Bin 4 25-30	Bin 5 30-35	Bin 6 35-40	Bin 7 40-45	Bin 8 45-50	Bin 9 50-55	Bin 10 55-60	Bin 11 60-65
00:00	3	27.5	27.5	0.0	0	0	0	0	0	0	0	0	0	0	0
01:00	2	27.5	27.5	0.0	0	0	0	0	0	2	0	0	0	0	0
02:00	3	27.2	26.2	2.0	0	0	0	0	0	2	1	0	0	0	0
03:00	7	36.4	28.2	7.9	0	0	0	1	2	1	1	2	0	0	0
04:00	10	29.8	26.5	3.2	0	0	0	0	3	6	1	0	0	0	0
05:00	36	30.1	26.4	3.6	0	0	0	0	14	16	6	0	0	0	0
06:00	61	30.1	26.1	3.9	0	0	0	2	22	29	7	1	0	0	0
07:00	196	28.4	24.0	4.3	0	7	30	86	75	7	1	0	0	0	0
08:00	274	25.5	19.6	5.7	0	7	61	65	101	37	2	0	0	0	1
09:00	207	25.3	20.4	4.7	0	5	20	59	96	25	3	0	0	0	0
10:00	201	24.8	19.7	4.9	0	9	20	67	83	21	1	0	0	0	0
11:00	212	23.1	18.0	5.0	1	8	53	69	71	9	1	0	0	0	0
12:00	226	22.7	17.2	5.3	0	18	61	83	48	14	2	0	0	0	0
13:00	205	24.1	18.9	5.0	0	7	40	66	76	13	3	0	0	0	0
14:00	309	22.7	17.0	5.5	2	14	68	60	50	14	1	0	0	0	0
15:00	206	24.3	18.0	6.1	2	11	64	47	57	20	5	0	0	0	0
16:00	238	21.0	15.9	5.1	0	29	92	66	39	11	0	0	0	0	0
17:00	232	26.1	20.8	5.2	0	6	70	63	92	43	4	0	0	0	0
18:00	145	27.4	22.7	4.5	0	1	4	30	68	37	4	1	0	0	0
19:00	125	28.4	24.4	3.9	0	0	2	14	47	59	3	0	0	0	0
20:00	89	28.2	23.3	4.8	0	0	5	12	42	25	4	1	0	0	0
21:00	48	29.0	24.2	4.7	0	0	1	7	20	15	5	0	0	0	0
22:00	23	27.5	22.7	4.6	0	0	1	5	10	6	1	0	0	0	0
23:00	4	32.8	25.3	6.3	0	0	0	1	0	2	1	0	0	0	0
Total															
2H(10-12)	413	24.0	18.8	5.0	1	17	73	135	154	30	2	0	0	0	0
2H(14-16)	415	23.5	17.5	5.8	4	25	132	107	107	34	6	0	0	0	0
12H(7-19)	2551	25.0	19.2	5.6	6	115	533	699	866	333	32	2	0	0	1
24H(0-24)	2962	25.9	19.9	5.8	6	135	524	737	1028	484	61	6	0	0	1
AM Peak	08:00	03:00	03:00	03:00	11:00	10:00	08:00	11:00	08:00	07:00	06:00	03:00	00:00	00:00	00:00
	274	36.4	28.2	7.9	1	9	61	69	101	75	7	2	0	0	1
PM Peak	16:00	23:00	23:00	23:00	14:00	16:00	16:00	12:00	17:00	19:00	15:00	18:00	12:00	12:00	12:00
	228	32.8	25.3	6.3	2	29	92	83	92	59	5	1	0	0	0

360 TSL Ltd

Direction: Southbound															
Hour Beginning	Total Volume	ECM Percentage	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5-15	Bin 3 15-25	Bin 4 25-30	Bin 5 30-35	Bin 6 35-40	Bin 7 40-45	Bin 8 45-50	Bin 9 50-55	Bin 10 55-60	Bin 11 60-65
00:00	7	43.8	36.1	7.5	0	0	0	0	0	2	1	2	1	1	0
01:00	2	51.0	40.0	10.6	0	0	0	0	0	1	0	0	1	0	0
02:00	2	38.7	35.0	3.5	0	0	0	0	0	0	1	1	0	0	0
03:00	1	1	45.5	0	0	0	0	0	0	0	0	0	0	1	0
04:00	4	33.8	31.3	2.5	0	0	0	0	0	1	3	0	0	0	0
05:00	8	34.9	31.3	3.5	0	0	0	0	0	3	4	0	0	0	0
06:00	36	35.5	29.7	5.5	0	0	0	2	3	15	10	5	1	0	0
07:00	131	31.7	29.4	4.2	0	0	0	2	10	66	45	5	3	0	0
08:00	248	31.1	25.8	5.2	2	4	16	83	98	41	3	1	0	0	0
09:00	207	29.9	25.4	4.4	0	0	2	16	79	84	25	0	1	0	0
10:00	172	28.8	23.8	4.0	0	3	7	17	72	63	10	0	0	0	0
11:00	180	28.8	24.2	4.4	1	2	1	16	78	74	8	0	0	0	0
12:00	177	28.9	22.8	5.9	1	4	15	24	65	55	11	0	0	0	0
13:00	203	29.4	23.9	5.3	0	4	6	75	89	56	21	2	0	0	0
14:00	178	28.9	23.5	5.2	3	1	5	28	86	55	9	0	1	0	0
15:00	258	29.2	24.6	4.4	0	1	28	113	92	20	3	0	0	0	0
16:00	228	28.4	23.3	4.9	1	2	7	31	110	63	13	0	0	0	0
17:00	281	31.2	26.3	4.7	2	1	7	8	85	131	49	3	0	0	0
18:00	352	31.1	26.0	4.8	0	0	4	11	58	77	39	1	0	0	0
19:00	126	33.4	27.7	5.5	0	0	5	6	15	63	28	8	1	0	0
20:00	90	32.9	27.7	5.0	0	0	1	2	22	40	18	6	1	0	0
21:00	62	36.8	31.2	5.4	0	0	0	0	6	23	18	11	4	0	0
22:00	47	33.5	28.0	5.2	0	0	0	2	12	16	14	1	1	0	0
23:00	18	33.5	28.1	4.8	0	0	0	1	8	3	2	0	0	0	0
Total															
2H(10-12)	352	28.8	24.0	4.6	1	5	8	33	150	137	18	0	0	0	0
2H(14-16)	436	29.1	24.1	4.8	3	2	6	46	109	147	29	3	1	0	0
12H(7-19)	2455	30.2	24.9	5.1	10	18	56	212	928	914	293	17	7	0	0
24H(0-24)	2858	31.0	25.4	5.4	10	18	62	224	991	1085	394	16	8	1	0
AM Peak	08:00	01:00	03:00	01:00	08:00	10:00	10:00	10:00	08:00	08:00	07:00	06:00	07:00	00:00	00:00
	248	51.0	41.5	10.6	2	3	7	17	83	98	46	3	3	1	0
PM Peak	17:00	21:00	21:00	12:00	14:00	13:00	13:00	16:00	15:00	17:00	17:00	21:00	21:00	12:00	12:00
	281	36.8	31.2	5.9	3	4	15	35	113	131	49	11	4	0	0

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Direction: Total Flow															
Hour Beginning	Total Volume	ECM Percentage	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5-15	Bin 3 15-25	Bin 4 25-30	Bin 5 30-35	Bin 6 35-40	Bin 7 40-45	Bin 8 45-50	Bin 9 50-55	Bin 10 55-60	Bin 11 60-65
00:00	10	41.1	33.5	7.4	0	0	0	0	0	5	1	2	1	1	0
01:00	4	43.6	33.8	9.5	0	0	0	0	0	2	1	0	0	1	0
02:00	5	35.1	28.5	6.5	0	0	0	0	0	2	1	1	0	0	0
03:00	8	41.0	30.6	10.0	0	0	0	1	2	1	1	2	0	0	0
04:00	14	51.6	27.9	3.7	0	0	0	0	0	3	7	4	0	0	0
05:00	44	31.4	27.3	4.0	0	0	0	0	14	19	10	1	0	0	0
06:00	97	31.5	27.4	4.9	0	0	0	4	25	44	17	6	0	0	0
07:00	327	31.3	26.2	5.0	0	7	22	96	141	52	6	3	0	0	0
08:00	522	29.0	22.5	6.3	2	7	65	81	184	135	43	3	1	0	1
09:00	414	28.2	22.9	5.2	0	5	22	75	159	27	0	1	0	0	0
10:00	373	27.1	21.6	5.3	0	12	27	84	155	84	11	0	0	0	0
11:00	392	26.7	20.6	5.6	2	10	54	85	149	82	3	0	0	0	0
12:00	403	26.1	19.6	6.2	1	22	76	107	113	69	15	0	0	0	0
13:00	408	27.3	21.4	5.7	0	15	46	95	160	69	24	2	0	0	0
14:00	387	26.5	20.0	6.3	5	15	73	78	136	69	10	0	0	0	0
15:00	464	28.0	21.7	6.1	2	12	65	75	170	112	25	3	0	0	0
16:00	466	26.0	19.4	6.4	2	31	99	97	149	74	13	0	0	0	0
17:00	513	29.7	23.8	5.6	2	7	27	71	176	174	53	3	0	0	0
18:00	537	29.8	24.6	5.0	0	1	10	41	126	114	43	2	0	0	0
19:00	251	31.3	26.0	5.1	0	0	7	20	62	122	31	8	1	0	0
20:00	179	31.1	25.5	5.4	0	0	6	14	64	65	22	7	1	0	0
21:00	110	34.5	28.1	6.1	0	1	7	26	38	23	11	4	0	0	0
22:00	70	32.1	26.3	5.6	0	0	1	7	22	22	15	2	1	0	0
23:00	22	33.9	27.7	5.0	0	0	0	1	5	10	4	2	0	0	0
Total															
2H(10-12)	765	26.9	21.2	5.5	2	22	81	169	304	167	20	0	0	0	0
2H(14-16)	851	27.4	20.9	6.3	7	27	138	153	306	181	35	3	1	0	0
12H(7-19)	5006	28.3	22.0	6.1	16	133	571	907	1794	1233	325	19	0	0	0
24H(Avg)	3630	29.1	22.6	6.2	16	133	586	915	1609	1569	455	61	16	3	1
00:00	10	41.0	33.5	7.4	0	0	0	0	0	5	1	2	1	1	0
01:00	4	43.6	33.8	9.5	0	0	0	0	0	2	1	0	0	1	0
02:00	5	35.1	28.5	6.5	0	0	0	0	0	2	1	1	0	0	0
03:00	8	41.0	30.6	10.0	0	0	0	1	2	1	1	2	0	0	0
04:00	14	51.6	27.9	3.7	0	0	0	0	0	3	7	4	0	0	0
05:00	44	31.4	27.3	4.0	0	0	0	0	14	19	10	1	0	0	0
06:00	97	31.5	27.4	4.9	0	0	0	4	25	44	17	6	0	0	0
07:00	327	31.3	26.2	5.0	0	7	22	96	141	52	6	3	0	0	0
08:00	522	29.0	22.5	6.3	2	7	65	81	184	135	43	3	1	0	1
09:00	414	28.2	22.9	5.2	0	5	22	75	159	27	0	1	0	0	0
10:00	373	27.1	21.6	5.3	0	12	27	84	155	84	11	0	0	0	0
11:00	392	26.7	20.6	5.6	2	10	54	85	149	82	3	0	0	0	0
12:00	403	26.1	19.6	6.2	1	22	76	107	113	69	15	0	0	0	0
13:00	408	27.3	21.4	5.7	0	15	46	95	160	69	24	2	0	0	0
14:00	387	26.5	20.0	6.3	5	15	73	78	136	69	10	0	0	0	0
15:00	464	28.0	21.7	6.1	2	12	65	75	170	112	25	3	0	0	0
16:00	466	26.0	19.4	6.4	2	31	99	97	149	74	13	0	0	0	0
17:00	513	29.7	23.8	5.6	2	7	27	71	176	174	53	3	0	0	0
18:00	537	29.8	24.6	5.0	0	1	10	41	126	114	43	2	0	0	0
19:00	251	31.3	26.0	5.1	0	0	7	20	62	122	31	8	1	0	0
20:00	179	31.1	25.5	5.4	0	0	6	14	64	65	22	7	1	0	0
21:00	110	34.5	28.1	6.1	0	1	7	26	38	23	11	4	0	0	0
22:00	70	32.1	26.3	5.6	0	0	1	7	22	22	15	2	1	0	0
23:00	22	33.9	27.7	5.0	0	0	0	1	5	10	4	2	0	0	0
Total															
2H(10-12)	765	26.9	21.2	5.5	2	22	81	169	304	167	20	0	0	0	0
2H(14-16)	851	27.4	20.9	6.3	7	27	138	153	306	181	35	3	1	0	0
12H(7-19)	5006	28.3	22.0	6.1	16	133	571	907	1794	1233	325	19	0	0	0
24H(Avg)	3630	29.1	22.6	6.2	16	133	586	915	1609	1569	455	61	16	3	1
00:00	10	41.0	33.5	7.4	0	0	0	0	0	5	1	2	1	1	0
01:00	4	43.6	33.8	9.5	0	0	0	0	0	2	1	0	0	1	0
02:00	5	35.1	28.5	6.5	0	0	0	0	0	2	1	1	0	0	0
03:00	8	41.0	30.6	10.0	0	0	0	1	2	1	1	2	0	0	0
04:00	14	51.6	27.9	3.7	0	0	0	0	0	3	7	4	0	0	0
05:00	44	31.4	27.3	4.0	0	0	0	0	14	19	10	1	0	0	0
06:00	97	31.5	27.4	4.9	0	0	0	4	25	44	17	6	0	0	0
07:00	327	31.3	26.2	5.0	0	7	22	96	141	52	6	3	0	0	0
08:00	522	29.0	22.5	6.3	2	7	65	81	184	135	43	3	1	0	1
09:00	414	28.2	22.9	5.2	0	5	22	75	159	27	0	1	0	0	0
10:00	373	27.1	21.6	5.3	0	12	27	84	155	84	11	0	0	0	0
11:00	392	26.7	20.6	5.6	2	10	54	85	149	82	3	0	0	0	0
12:00	403	26.1	19.6	6.2	1	22	76	107	113	69	15	0	0	0	0
13:00	408	27.3	21.4	5.7	0	15	46	95	160	69	24	2	0	0	0
14:00	387	26.5	20.0	6.3	5	15	73	78	136	69	10	0	0	0	0
15:00	464	28.0	21.7	6.1	2	12	65	75	170	112	25	3	0	0	0
16:00	466	26.0	19.4	6.4	2	31	99	97	149	74	13	0	0	0	0
17:00	513	29.7	23.8	5.6	2	7	27	71	176	174	53	3	0	0	0
18:00	537	29.8	24.6	5.0	0	1	10	41	126	114	43	2	0	0	0
19:00	251	31.3	26.0	5.1	0	0	7	20	62	122	31	8	1	0	0
20:00	179	31.1	25.5	5.4	0	0	6	14	64	65	22	7	1	0	0
21:00	110	34.5	28.1	6.1	0	1	7	26	38	23	11	4	0	0	0
22:00	70	32.1	26.3	5.6	0	0	1	7	22	22	15	2	1	0	0
23:00	22	33.9	27.7	5.0	0	0	0	1	5	10	4	2	0	0	0
Total															
2H(10-12)	765	26.9	21.2	5.5	2	22	81	169	304	167	20	0	0	0	0
2H(14-16)	851	27.4	20.9	6.3	7	27	138	153	306	181	35	3	1	0	0
12H(7-19)	5006	28.3	22.0	6.1	16	133	571	907	1794	1233	325	19	0	0	0
24H(Avg)	3630	29.1	22.6	6.2	16	133	586	915	1609	1569	455	61	16	3	1
00:00	10	41.0	33.5	7.4	0	0	0	0	0	5	1	2	1	1	0
01:00	4	43.6	33.8	9.5	0	0	0	0	0	2	1	0	0	1	0
02:00	5	35.1	28.5	6.5	0	0	0	0	0	2	1	1	0	0	0
03:00	8	41.0	30.6	10.0	0	0	0	1	2	1	1	2	0	0	0
04:00	14	51.6	27.9	3.7	0	0	0	0	0	3	7	4	0	0	0
05:00	44	31.4	27.3	4.0	0	0	0	0	14	19	10	1	0	0	0
06:00	97	31.5	27.4	4.9	0	0	0	4	25	44	17	6	0	0	0
07:00	327	31.3	26.2	5.0	0	7	22	96	141	52	6	3	0	0	0
08:00	522	29.0	22.5	6.3	2	7	65	81	184	135	43	3	1	0	1
09:00	414	28.2	22.9	5.2	0	5	22	75	159	27	0	1	0	0	0
10:00	373	27.1	21.6	5.3	0	12	27	84	155	84	11	0	0	0	0
11:00	392	26.7	20.6	5.6	2	10	54	85	149	82	3	0	0	0	0
12:00	403	26.1	19.6	6.2	1	22	76	107	113	69	15	0	0	0	0
13:00	408	27.3	21.4	5.7	0	15	46	95	160	69	24	2	0	0	0
14:00	387	26.5	20.0	6.3	5	15	73	78	136	69	10	0	0	0	0
15:00	464	28.0	21.7	6.1	2	12	65	75	170	112	25	3	0	0	0
16:00	466	26.0	19.4												



North Wales ATC 8, A548 Chapel Street

Direction: Northbound														10/05/2022	
Hour Beginning	Total Volume	ECN Percentage	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5-10	Bin 3 10-15	Bin 4 15-20	Bin 5 20-25	Bin 6 25-30	Bin 7 30-35	Bin 8 35-40	Bin 10 40-45	Bin 11 45-50	Bin 12 50-55
00:00	4	34.2	26.3	7.5	0	0	0	1	0	0	0	0	0	0	0
01:00	3	30.2	24.2	5.8	0	0	0	1	0	2	0	0	0	0	0
02:00	1	-	27.5	-	0	0	0	0	0	1	0	0	0	0	0
03:00	1	-	27.5	-	0	0	0	0	0	1	0	0	0	0	0
04:00	4	22.5	22.5	0.0	0	0	0	0	4	0	0	0	0	0	0
05:00	29	30.8	26.6	4.0	0	0	0	1	9	13	6	0	0	0	0
06:00	78	30.5	25.8	4.5	0	0	0	5	32	27	12	2	0	0	0
07:00	203	28.4	23.2	5.0	0	2	8	36	86	58	11	2	0	0	0
08:00	266	25.0	19.8	5.0	1	6	42	67	122	26	1	1	0	0	0
09:00	200	24.4	19.6	4.7	0	7	21	72	82	17	1	0	0	0	0
10:00	205	23.9	18.8	4.9	0	9	36	69	75	16	0	0	0	0	0
11:00	201	24.2	19.0	5.0	0	9	34	60	82	16	0	0	0	0	0
12:00	192	20.6	14.5	5.8	7	38	61	46	36	4	0	0	0	0	0
13:00	207	25.0	20.1	4.7	1	3	22	70	84	26	1	0	0	0	0
14:00	135	24.2	18.5	5.6	1	15	40	69	65	25	0	0	0	0	0
15:00	186	24.9	17.9	6.7	3	23	43	32	58	25	2	0	0	0	0
16:00	236	21.0	15.4	5.4	2	30	95	32	38	19	1	0	0	0	0
17:00	234	25.4	19.6	5.6	1	7	45	63	78	37	3	0	0	0	0
18:00	173	26.8	22.1	4.6	0	1	9	40	85	30	8	0	0	0	0
19:00	139	17.8	13.6	4.1	0	1	17	55	42	3	0	0	0	0	0
20:00	79	27.3	23.8	3.4	0	0	1	5	47	24	2	0	0	0	0
21:00	57	26.5	22.4	4.0	0	0	1	14	20	13	1	0	0	0	0
22:00	25	29.0	23.9	4.9	0	0	0	4	14	4	2	1	0	0	0
23:00	3	32.2	29.2	2.9	0	0	0	0	0	2	1	0	0	0	0
Total															
2H10-12	406	24.0	18.9	4.9	0	18	70	129	157	32	0	0	0	0	0
2H14-16	401	24.6	18.2	6.1	4	38	83	101	123	50	2	0	0	0	0
12H7-10	2518	25.0	19.0	5.7	16	100	464	686	891	290	28	3	0	0	0
24H0-24	2921	25.8	19.7	5.8	16	151	457	719	1001	439	57	6	0	0	0
AM Peak	08:00	00:00	02:00	00:00	08:00	10:00	08:00	09:00	08:00	07:00	06:00	06:00	00:00	00:00	00:00
	266	34.0	27.5	7.5	1	9	42	72	122	58	12	2	0	0	0
PM Peak	16:00	23:00	23:00	15:00	12:00	12:00	16:00	13:00	18:00	19:00	18:00	22:00	12:00	12:00	12:00
	235	32.2	29.2	6.7	7	38	93	78	85	42	8	1	0	0	0

360 TSL Ltd

Direction: Southbound														10/05/2022	
Hour Beginning	Total Volume	ECN Percentage	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5-10	Bin 3 10-15	Bin 4 15-20	Bin 5 20-25	Bin 6 25-30	Bin 7 30-35	Bin 8 35-40	Bin 9 40-45	Bin 10 45-50	Bin 11 50-55
00:00	5	42.2	32.5	9.4	0	0	0	0	1	2	0	0	2	0	0
01:00	2	33.7	30.0	3.5	0	0	0	0	0	1	1	0	0	0	0
02:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0
03:00	3	33.8	30.8	3.9	0	0	0	0	0	1	0	0	0	0	0
04:00	5	38.8	32.5	6.1	0	0	0	0	0	2	2	0	1	0	0
05:00	8	33.7	31.9	1.8	0	0	0	0	0	1	7	0	0	0	0
06:00	47	36.0	29.2	6.5	0	1	0	4	2	19	13	7	0	0	0
07:00	153	34.4	28.9	5.3	1	0	2	2	23	60	56	30	0	1	0
08:00	207	29.4	24.6	4.9	2	9	22	96	114	19	2	0	0	0	0
09:00	230	28.9	23.6	5.2	1	0	8	45	85	69	21	1	0	0	0
10:00	221	27.6	22.3	5.1	1	3	17	45	94	57	9	0	0	0	0
11:00	178	29.1	24.1	4.8	1	1	1	26	75	58	15	1	0	0	0
12:00	185	26.8	21.0	5.6	1	2	27	42	72	33	8	0	0	0	0
13:00	208	28.4	24.9	4.3	0	1	2	14	93	76	20	2	0	0	0
14:00	179	28.7	24.0	4.5	1	0	3	17	94	48	15	1	0	0	0
15:00	254	29.5	24.4	5.0	1	2	5	29	98	96	20	3	0	0	0
16:00	253	28.1	23.6	4.3	1	0	7	31	118	87	8	1	0	0	0
17:00	289	30.5	25.8	4.6	0	1	7	14	101	111	34	5	1	0	0
18:00	180	30.3	27.0	3.8	0	0	4	46	95	33	2	0	0	0	0
19:00	161	33.0	28.6	4.2	0	0	0	1	32	68	51	9	0	0	0
20:00	99	33.1	28.6	4.4	0	1	0	14	50	29	1	0	0	0	0
21:00	71	32.2	27.2	4.8	0	0	0	4	19	29	15	4	0	0	0
22:00	46	38.9	30.1	7.5	0	0	0	2	3	10	13	4	1	0	1
23:00	16	35.7	28.8	6.7	0	0	1	1	1	5	6	2	0	0	0
Total															
2H10-12	399	28.3	23.1	5.0	2	4	13	71	189	155	24	1	0	0	0
2H14-16	433	29.2	24.2	4.8	2	2	8	46	132	144	35	4	0	0	0
12H7-10	2577	29.7	24.4	5.1	10	10	78	291	996	904	238	28	1	1	0
24H0-24	3040	30.7	25.1	5.4	10	12	79	303	1008	1101	397	59	8	2	1
AM Peak	08:00	00:00	00:00	00:00	08:00	10:00	10:00	09:00	08:00	08:00	07:00	07:00	00:00	07:00	00:00
	207	42.2	32.5	9.4	2	3	12	40	99	114	56	30	2	1	0
PM Peak	17:00	22:00	23:00	22:00	12:00	13:00	13:00	12:00	16:00	17:00	19:00	19:00	22:00	12:00	12:00
	269	38.9	32.1	7.5	1	2	27	42	118	111	51	8	3	1	0

360 TSL Ltd

Direction: Total Flow																
Hour	Total Volume	ECN Percentage	Mean Average	Standard Deviation	Bin 1 <5	Bin 2 5-10	Bin 3 10-15	Bin 4 15-20	Bin 5 20-25	Bin 6 25-30	Bin 7 30-35	Bin 8 35-40	Bin 9 40-45	Bin 10 45-50	Bin 11 50-55	Bin 12 >55
00:00	9	38.7	29.7	8.7	0	0	0	1	2	2	0	2	0	0	0	0
01:00	5	32.2	26.5	5.5	0	0	0	1	0	3	1	0	0	0	0	0
02:00	1	-	27.5	-	0	0	0	0	0	1	0	0	0	0	0	0
03:00	4	33.0	30.0	2.9	0	0	0	0	0	2	2	0	0	0	0	0
04:00	9	35.1	28.1	4.8	0	0	0	0	4	2	1	0	1	0	0	0
05:00	37	32.2	27.8	4.2	0	0	0	1	9	14	13	0	0	0	0	0
06:00	125	31.9	27.1	5.6	1	0	9	34	34	46	25	9	0	0	0	0
07:00	156	31.7	25.7	5.9	1	2	10	38	107	118	67	32	0	0	0	0
08:00	533	27.9	22.2	5.5	3	6	51	89	221	140	20	3	0	0	0	0
09:00	480	27.2	21.7	5.3	1	7	29	77	112	167	86	22	1	0	0	0
10:00	426	29.1	20.6	5.3	1	12	48	114	169	73	9	0	0	0	0	0
11:00	379	27.2	21.4	5.5	1	10	35	86	157	74	15	1	0	0	0	0
12:00	377	24.5	17.7	6.5	8	40	88	88	108	37	8	0	0	0	0	0
13:00	445	27.8	22.7	5.1	1	4	24	66	177	102	21	2	0	0	0	0
14:00	394	27.0	21.0	5.8	2	15	43	86	159	73	15	1	0	0	0	0
15:00	440	28.5	21.7	6.6	4	25	48	65	156	121	22	3	0	0	0	0
16:00	489	26.3	19.7	6.4	3	30	100	93	156	97	9	1	0	0	0	0
17:00	503	29.1	22.9	5.9	1	8	47	77	179	148	37	5	1	0	0	0
18:00	553	29.4	24.6	4.9	0	1	9	44	116	125	41	3	0	0	0	0
19:00	280	31.5	26.5	4.8	0	1	1	18	87	110	54	9	0	0	0	0
20:00	178	31.2	26.5	4.6	0	1	1	5	61	74	31	5	0	0	0	0
21:00	138	30.3	25.1	5.1	0	0	1	18	47	42	16	4	0	0	0	0
22:00	71	36.4	28.6	7.5	0	0	0	6	17	23	15	5	3	1	0	0
23:00	19	35.2	29.8	6.2	0	0	1	1	1	7	7	2	0	0	0	0
Total																
2H10-12	805	26.6	21.0	5.4	2	22	83	200	326	147	24	1	0	0	0	0
2H14-16	834	27.8	21.3	6.2	6	40	91	147	335	194	37	4	0	0	0	0
12H7-10	5095	28.0	21.8	6.1	26	160	532	977	1887	1194	286	31	1	1	1	0
24H0-24	5961	28.9	22.5	6.2	26	163	536	1037	2149	1520	454	65	8	2	0	0
Peak																
08:00	533	27.9	22.2	5.5	3	6	51	89	221	140	20	3	0	0	0	0
09:00	480	27.2	21.7	5.3	1	7	29	77	112	167	86	22	1	0	0	0
10:00	426	29.1	20.6	5.3	1	12	48	114	169	73	9	0	0	0	0	0
11:00	379	27.2	21.4	5.5	1	10	35	86	157	74	15	1	0	0	0	0
12:00	377	24.5	17.7	6.5	8	40	88	88	108	37	8	0	0	0	0	0
13:00	445	27.8	22.7	5.1	1	4	24	66	177	102	21	2	0	0	0	0
14:00	394	27.0	21.0	5.8	2	15	43	86	159	73	15	1	0	0	0	0
15:00	440	28.5	21.7	6.6	4	25	48	65	156	121	22	3	0	0	0	0
16:00	489	26.3	19.7	6.4	3	30	100	93	156	97	9	1	0	0	0	0
17:00	503	29.1	22.9	5.9	1	8	47	77	179	148	37	5	1	0	0	0
18:00	553	29.4	24.6	4.9	0	1	9	44	116	125	41	3	0	0	0	0
19:00	280	31.5	26.5	4.8	0	1	1	18	87	110	54	9	0	0	0	0
20:00	178	31.2	26.5	4.6	0	1	1	5	61	74	31	5	0	0	0	0
21:00	138	30.3	25.1	5.1	0	0	1	18	47	42	16	4	0	0	0	0
22:00	71	36.4	28.6	7.5	0	0	0	6	17	23	15	5	3	1	0	0
23:00	19	35.2	29.8	6.2	0	0	1	1	1	7	7	2	0	0	0	0
Total																
2H10-12	805	26.6	21.0	5.4	2	22	83	200	326	147	24	1	0	0	0	0
2H14-16	834	27.8	21.3	6.2	6	40	91	147	335	194	37	4	0	0	0	0
12H7-10	5095	28.0	21.8	6.1	26	160	532	977	1887	1194	286	31	1	1	1	0
24H0-24	5961	28.9	22.5	6.2	26	163	536	1037	2149	1520	454	65	8	2	0	0
Peak																
08:00	533	27.9	22.2	5.5	3	6	51	89	221	140	20	3	0	0	0	0
09:00	480	27.2	21.7	5.3	1	7	29	77	112	167	86	22	1	0	0	0
10:00	426	29.1	20.6	5.3	1	12	48	114	169	73	9	0	0	0	0	0
11:00	379	27.2	21.4	5.5	1	10	35	86	157	74	15	1	0	0	0	0
12:00	377	24.5	17.7	6.5	8	40	88	88	108	37	8	0	0	0	0	0
13:00	445	27.8	22.7	5.1	1	4	24	66	177	102	21	2	0	0	0	0
14:00	394	27.0	21.0	5.8	2	15	43	86	159	73	15	1	0	0	0	0
15:00	440	28.5	21.7	6.6	4	25	48	65	156	121	22	3	0	0	0	0
16:00	489	26.3	19.7	6.4	3	30	100	93	156	97	9	1	0	0	0	0
17:00	503	29.1	22.9	5.9	1	8	47	77	179	148	37	5	1	0	0	0
18:00	553	29.4	24.6	4.9	0	1	9	44	116	125	41	3	0	0	0	0
19:00	280	31.5	26.5	4.8	0	1	1	18	87	110	54	9	0	0	0	0
20:00	178	31.2	26.5	4.6	0	1	1	5	61	74	31	5	0	0	0	0
21:00	138	30.3	25.1	5.1	0	0	1	18	47	42	16	4	0	0	0	0
22:00	71	36.4	28.6	7.5	0	0	0	6	17	23	15	5	3	1	0	0
23:00	19	35.2	29.8	6.2	0	0	1	1	1	7	7	2	0	0	0	0
Total																
2H10-12	805	26.6	21.0	5.4	2	22	83	200	326	147	24	1	0	0	0	0
2H14-16	834	27.8	21.3	6.2	6	40	91	147	335	194	37	4	0	0	0	0
12H7-10	5095	28.0	21.8	6.1	26	160	532	977	1887	1194	286	31	1	1	1	0
24H0-24	5961	28.9	22.5	6.2	26	163	536	1037	2149	1520	454	65	8	2	0	0
Peak																
08:00	533	27.9	22.2	5.5	3	6	51	89	221	140	20	3	0	0	0	0
09:00	480	27.2	21.7	5.3	1	7	29	77	112	167	86	22	1	0	0	0
10:00	426	29.1	20.6	5.3	1	12	48	114	169	73	9	0	0	0	0	0
11:00	379	27.2	21.4	5.5	1	10	35	86	157	74	15	1	0	0	0	0
12:00	377	24.5	17.7	6.5	8	40	88	88	108	37	8	0	0	0	0	0
13:00	445	27.8	22.7	5.1	1	4	24	66	177	102	21	2	0	0	0	0
14:00	394	27.0	21.0	5.8	2	15	43	86	159	73	15	1	0	0	0	0
15:00	440	28.5	21.7	6.6	4	25	48	65	156	121	22	3	0	0	0	0
16:00	489	26.3	19.7	6.4	3	30	100	93	156	97	9	1	0	0	0	0
17:00	503	29.1	22.9	5.9	1	8	47	77	179	148	37	5	1	0	0	0
18:00	553	29.4	24.6	4.9	0	1	9	44	116	125	41	3	0	0	0	0
19:00	280	31.5	26.5	4.8	0	1	1	18	87	110	54	9	0	0	0	0
20:00	178	31.2	26.5	4.6	0	1	1	5	61	74	31	5	0	0	0	0
21:00	138	30.3	25.1	5.1	0	0	1	18	47	42	16	4	0	0	0	0
22:00	71	36.4	28.6	7.5	0	0	0	6	17	23	15	5	3	1	0	0
23:00	19	35.2	29.8	6.2	0	0	1	1	1	7	7	2	0	0	0	0
Total																
2H10-12	805	26.6	21.0	5.4	2	22	83	200	326	147	24	1	0	0	0	0
2H14-16	834	27.8	21.3	6.2	6	40	91	147	335	194	37	4	0	0	0	0
12H7-10	5095	28.0	21.8	6.1	26	160	532	977	1887	1194	286	31	1	1	1	0
24H0-24	5961	28.9	22.5	6.2	26	163	536	1037	2149	1520	454	65	8	2	0	0
Peak																
08:00	533	27.9	22.2	5.5	3	6	51	89	221	140	20	3	0	0	0	0
09:00	480	27.2	21.7	5.3	1	7	29	77	112	167	86	22	1	0	0	0
10:00	426	29.1	20.6	5.3	1	12	48	114	169	73	9	0	0	0	0	0
11:00	379	27.2	21.4	5.5	1	10	35	86	157	74	15	1	0	0	0	0
12:00	377	24.5	17.7	6.5	8	40	88	88	108	37	8	0	0	0	0	0
13:00	445	27.8	22.7	5.1	1	4	24	66	177	102	21	2	0	0	0	0
14:00	394	27.0	21.0	5.8	2	15	43	86	159	73	15	1	0	0	0	0



North Wales ATC 8, A548 Chapel Street

Direction: Northbound																11/05/2022
Hour	Total Volume	ECN Percentage	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5-10	Bin 3 10-15	Bin 4 15-20	Bin 5 20-25	Bin 6 25-30	Bin 7 30-35	Bin 8 35-40	Bin 9 40-45	Bin 10 45-50	Bin 11 50-55	Bin 12 >55
00:00	3	32.2	20.2	2.9	0	0	0	0	0	2	1	0	0	0	0	0
01:00	2	28.7	25.0	3.5	0	0	0	0	0	1	1	0	0	0	0	0
02:00	1	-	27.5	-	0	0	0	0	0	1	0	0	0	0	0	0
03:00	6	28.8	26.7	2.0	0	0	0	0	1	5	0	0	0	0	0	0
04:00	5	25.8	23.5	2.2	0	0	0	0	4	1	0	0	0	0	0	0
05:00	27	29.2	25.6	3.4	0	0	0	1	10	14	2	0	0	0	0	0
06:00	68	29.7	25.5	4.1	0	0	0	3	30	28	5	2	0	0	0	0
07:00	187	27.1	23.1	4.0	0	3	4	19	102	58	1	0	0	0	0	0
08:00	303	24.2	18.6	5.4	3	14	60	95	101	28	2	0	0	0	0	0
09:00	209	24.7	20.6	4.0	0	1	16	109	140	7	0	0	0	0	0	0
10:00	243	24.2	19.5	4.5	0	8	27	85	105	18	0	0	0	0	0	0
11:00	199	20.7	15.0	5.5	2	43	49	68	32	5	0	0	0	0	0	0
12:00	218	21.9	16.3	5.4	0	30	65	59	57	7	0	0	0	0	0	0
13:00	202	24.7	19.3	5.2	1	7	33	63	73	25	0	0	0	0	0	0
14:00	314	23.6	17.6	5.8	0	24	51	58	60	21	0	0	0	0	0	0
15:00	228	17.7	12.9	4.6	2	55	114	38	16	3	0	0	0	0	0	0
16:00	219	36.3	32.4	3.8	4	50	114	46	3	0	0	0	0	0	0	0
17:00	256	25.1	20.1	4.8	1	8	27	72	120	27	1	0	0	0	0	0
18:00	190	26.2	22.1	4.0	0	0	7	40	109	28	6	0	0	0	0	0
19:00	155	26.8	22.8	3.9	0	0	27	28	69	33	3	0	0	0	0	0
20:00	73	30.0	24.2	5.6	0	2	0	13	24	26	6	2	0	0	0	0
21:00	44	30.0	25.2	4.6	0	0	0	5	17	16	5	1	0	0	0	0
22:00	30	28.5	24.5	3.9	0	0	0	3	14	11	2	0	0	0	0	0
23:00	12	29.7	25.0	4.5	0	0	0	2	3	6	1	0	0	0	0	0
Total																
2H(10-12)	442	23.1	17.5	5.5	2	51	76	153	137	23	0	0	0	0	0	0
2H(14-16)	442	21.1	15.2	5.7	2	79	185	96	76	24	0	0	0	0	0	0
12H(7-19)	2668	24.1	18.1	5.8	13	248	567	710	887	236	12	0	0	0	0	0
24H(0-24)	8094	25.1	18.9	6.0	13	245	569	765	1000	380	37	5	0	0	0	0
AM Peak	08:00	00:00	00:00	11:00	08:00	11:00	08:00	08:00	09:00	07:00	06:00	06:00	00:00	00:00	00:00	00:00
	303	32.2	28.2	5.5	3	43	60	95	109	58	5	2	0	0	0	0
PM Peak	17:00	21:00	21:00	14:00	16:00	15:00	15:00	17:00	17:00	19:00	18:00	20:00	12:00	12:00	12:00	12:00
	256	25.0	23.2	5.8	4	55	114	72	120	33	6	2	0	0	0	0

360 TSL Ltd

Direction: Southbound																
Hour	Total Volume	ECN Percentage	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5-10	Bin 3 10-15	Bin 4 15-20	Bin 5 20-25	Bin 6 25-30	Bin 7 30-35	Bin 8 35-40	Bin 9 40-45	Bin 10 45-50	Bin 11 50-55	Bin 12 >55
00:00	10	40.9	30.1	10.5	1	0	0	0	0	2	5	1	1	0	0	0
01:00	3	32.2	28.2	2.9	0	0	0	0	0	1	0	0	0	0	0	0
02:00	1	-	32.5	-	0	0	0	0	0	0	1	0	0	0	0	0
03:00	7	35.4	31.8	3.5	0	0	0	0	0	2	4	1	0	0	0	0
04:00	5	36.5	29.5	6.7	0	0	0	0	2	0	2	1	0	0	0	0
05:00	6	36.6	30.8	7.5	0	0	0	1	0	3	2	0	0	0	0	0
06:00	41	31.7	30.2	3.4	0	0	0	1	1	14	25	0	0	0	0	0
07:00	138	31.9	27.0	4.8	0	0	4	3	28	77	22	3	0	1	0	0
08:00	276	25.1	42.1	1.1	0	0	25	102	126	19	3	0	0	0	0	0
09:00	269	27.9	22.6	5.1	1	2	12	69	92	81	11	1	0	0	0	0
10:00	170	26.5	23.4	4.9	0	5	5	20	79	55	5	2	0	0	0	0
11:00	174	26.6	20.7	5.7	4	0	23	43	66	34	4	0	0	0	0	0
12:00	182	27.9	21.9	5.8	2	7	10	32	84	36	11	0	0	0	0	0
13:00	216	28.5	21.7	4.7	0	3	10	14	106	71	12	0	0	0	0	0
14:00	206	29.3	24.3	4.9	0	0	7	28	75	78	16	2	0	0	0	0
15:00	229	27.4	21.9	5.3	5	2	17	42	110	45	7	1	0	0	0	0
16:00	237	27.8	22.4	5.2	1	4	14	47	91	74	6	0	0	0	0	0
17:00	306	30.1	25.0	4.9	2	0	7	30	99	158	26	3	0	0	0	0
18:00	217	31.0	27.4	4.4	0	0	1	3	55	112	36	8	1	1	0	0
19:00	146	33.5	28.3	5.0	0	0	0	10	22	58	47	8	1	0	0	0
20:00	99	32.7	27.7	4.9	0	1	3	3	20	48	21	6	0	0	0	0
21:00	52	32.6	28.4	4.0	0	0	0	1	7	29	12	3	0	0	0	0
22:00	43	36.6	30.3	6.1	0	0	0	1	7	15	10	7	3	0	0	0
23:00	23	34.2	30.1	4.0	0	0	0	0	1	12	7	3	0	0	0	0
Total																
2H(10-12)	344	27.7	22.0	5.5	4	4	28	63	145	89	9	2	0	0	0	0
2H(14-16)	435	28.4	23.0	6.2	3	2	24	69	185	126	23	3	0	0	0	0
12H(7-19)	2620	29.3	23.8	5.3	14	22	110	355	987	930	175	23	2	2	0	0
24H(0-24)	8056	30.3	24.5	5.6	15	23	110	372	1047	1113	342	56	7	2	0	0
AM Peak	08:00	00:00	02:00	00:00	11:00	10:00	11:00	09:00	08:00	08:00	06:00	07:00	00:00	07:00	00:00	00:00
	276	40.9	32.5	10.5	4	4	23	69	102	126	25	3	1	1	0	0
PM Peak	17:00	21:00	22:00	12:00	15:00	13:00	15:00	16:00	15:00	17:00	19:00	18:00	22:00	18:00	12:00	12:00
	256	36.6	30.3	6.1	3	7	17	47	110	138	47	8	3	1	0	0

360 TSL Ltd

Direction: Total Flow																
Hour	Total Volume	ECN Percentage	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5-10	Bin 3 10-15	Bin 4 15-20	Bin 5 20-25	Bin 6 25-30	Bin 7 30-35	Bin 8 35-40	Bin 9 40-45	Bin 10 45-50	Bin 11 50-55	Bin 12 >55
00:00	13	39.3	29.8	9.1	1	0	0	0	0	4	6	1	1	0	0	0
01:00	5	31.2	27.5	3.5	0	0	0	0	1	3	1	1	0	0	0	0
02:00	2	33.7	30.0	3.5	0	0	0	0	0	1	1	0	0	0	0	0
03:00	13	31.4	29.4	3.8	0	0	0	0	1	7	4	1	0	0	0	0
04:00	10	32.4	26.5	5.7	0	0	0	0	6	2	1	2	0	0	0	0
05:00	33	31.5	26.6	4.8	0	0	0	2	10	15	4	2	0	0	0	0
06:00	35	31.9	27.3	0	0	4	3	31	42	30	2	0	0	0	0	0
07:00	125	29.7	24.8	4.8	0	3	8	22	130	135	23	3	0	0	0	0
08:00	579	27.8	21.7	5.9	4	14	60	120	203	154	21	3	0	0	0	0
09:00	478	26.6	21.7	4.8	1	3	28	134	201	97	13	1	0	0	0	0
10:00	413	26.3	21.1	5.0	0	12	32	105	184	73	5	2	0	0	0	0
11:00	373	24.2	21.7	6.3	6	49	72	111	98	29	4	0	0	0	0	0
12:00	400	25.3	18.8	6.3	2	37	75	92	141	43	11	0	0	0	0	0
13:00	418	27.2	21.6	5.4	1	30	43	77	179	96	12	0	0	0	0	0
14:00	420	27.4	20.9	6.3	0	24	58	86	115	99	16	2	0	0	0	0
15:00	407	24.3	17.4	6.7	5	57	151	79	126	51	7	1	0	0	0	0
16:00	456	24.6	17.6	6.8	5	54	128	95	94	74	6	0	0	0	0	0
17:00	562	28.4	22.7	5.5	3	8	34	102	219	165	27	3	1	0	0	0
18:00	407	30.1	24.9	5.0	0	8	43	164	140	42	8	1	0	0	0	0
19:00	281	31.1	25.6	5.3	0	2	38	91	91	50	8	1	0	0	0	0
20:00	172	31.8	26.2	5.5	0	3	0	16	44	74	27	8	0	0	0	0
21:00	96	31.7	26.9	4.6	0	0	0	6	24	45	17	4	0	0	0	0
22:00	73	34.1	27.9	6.0	0	0	0	4	21	26	12	7	3	0	0	0
23:00	35	33.3	29.4	4.8	0	0	0	2	4	18	8	3	0	0	0	0
Total																
2019-10-18	786	25.6	19.5	5.9	6	55	304	716	282	112	9	2	0	0	0	0
2019-10-19	877	26.0	18.1	6.7	5	81	389	165	261	150	23	3	0	0	0	0
2019-10-20	1288	27.4	20.9	6.2	27	265	627	800	1878	1166	187	73	2	0	0	0
2019-10-24	6130	28.3	21.7	6.4	28	268	879	1137	2102	1493	349	60	7	2	0	0
PMA Peak																
08:00	579	29.3	30.0	9.1	6	43	172	134	203	154	90	5	1	1	0	0
PMA PM																
17:00	2200	20.9	16.0	5.6	15	500	1550	1730	1730	1730	1730	1730	1730	1730	1730	1730
18:00	1730	22.0	18.1	6.2	17	369	1069	1166	1166	1166	1166	1166	1166	1166	1166	1166
19:00	1730	22.0	18.1	6.2	17	369	1069	1166	1166	1166	1166	1166	1166	1166	1166	1166
20:00	1730	22.0	18.1	6.2	17	369	1069	1166	1166	1166	1166	1166	1166	1166	1166	1166



North Wales ATC 10, A547 Bridge Street



Direction: Westbound

Hour Beginning	Thu 28/04/2022	Fri 29/04/2022	Sat 30/04/2022	Sun 01/05/2022	Mon 02/05/2022	Tue 03/05/2022	Wed 04/05/2022	5-Day Ave.	7-Day Ave.
00:00	34	18	26	29	17	10	10	18	21
01:00	9	10	15	23	11	4	2	7	11
02:00	4	7	12	10	6	3	1	4	6
03:00	4	3	8	9	8	12	7	7	7
04:00	5	5	11	11	9	5	5	6	7
05:00	13	13	10	5	9	15	21	14	12
06:00	62	50	32	15	23	63	69	53	45
07:00	157	191	87	54	59	183	196	157	132
08:00	287	328	177	83	77	332	341	273	232
09:00	293	301	276	128	141	286	263	257	241
10:00	275	331	309	241	243	276	262	277	277
11:00	273	356	310	285	290	291	246	291	293
12:00	322	346	281	271	329	302	298	319	307
13:00	308	358	302	345	300	291	278	307	312
14:00	304	409	315	341	281	298	292	317	320
15:00	355	367	333	299	253	326	350	330	326
16:00	406	420	280	274	226	417	404	375	347
17:00	418	323	310	211	231	415	425	362	383
18:00	308	345	261	163	240	270	294	291	269
19:00	238	307	226	154	139	211	204	220	211
20:00	161	259	165	145	122	148	160	170	166
21:00	129	153	91	93	81	84	102	110	105
22:00	72	87	76	67	61	79	52	70	71
23:00	43	50	34	35	18	25	31	33	34
Total									
12H(7-19)	3706	4075	3241	2695	2670	3687	3649	3557	3389
16H(6-22)	4296	4844	3755	3102	3035	4193	4184	4110	3916
18H(6-24)	4411	4981	3865	3204	3114	4297	4267	4214	4020
24H(0-24)	4480	5037	3947	3291	3174	4346	4313	4270	4084
AM Peak	09:00	11:00	11:00	11:00	11:00	08:00	08:00	11:00	11:00
	293	356	310	285	290	332	341	291	293
PM Peak	17:00	16:00	15:00	13:00	12:00	16:00	17:00	16:00	16:00
	418	420	333	345	329	417	425	375	347

360 TSL Ltd

Direction: Eastbound

Hour Beginning	Thu 28/04/2022	Fri 29/04/2022	Sat 30/04/2022	Sun 01/05/2022	Mon 02/05/2022	Tue 03/05/2022	Wed 04/05/2022	5-Day Ave.	7-Day Ave.
00:00	13	16	18	21	17	10	12	14	15
01:00	2	7	16	34	14	6	7	7	12
02:00	5	4	10	8	14	4	5	6	7
03:00	10	6	10	7	10	11	11	10	9
04:00	14	9	10	12	14	17	11	13	12
05:00	51	59	36	22	26	83	82	60	51
06:00	151	144	73	34	52	161	145	131	109
07:00	354	351	135	66	99	393	401	320	257
08:00	464	413	232	116	162	490	540	414	345
09:00	313	321	272	225	320	346	351	330	307
10:00	335	366	348	382	369	378	320	354	357
11:00	336	330	367	359	432	365	344	361	362
12:00	341	390	298	239	426	318	345	364	337
13:00	336	403	379	374	380	317	315	350	358
14:00	331	375	343	341	428	327	305	353	350
15:00	361	369	345	334	391	374	338	367	359
16:00	362	361	360	285	389	417	401	386	368
17:00	368	299	310	286	359	395	369	358	341
18:00	253	290	296	253	270	278	294	277	276
19:00	208	214	192	210	207	183	196	202	201
20:00	125	158	132	136	135	141	146	141	139
21:00	99	118	107	91	101	93	98	102	101
22:00	49	74	81	59	58	59	49	58	61
23:00	17	27	50	27	28	27	19	24	28
Total									
12H(7-19)	4154	4268	3685	3260	4025	4398	4323	4234	4016
16H(6-22)	4737	4902	4189	3731	4520	4976	4908	4809	4566
18H(6-24)	4803	5003	4320	3817	4606	5062	4976	4890	4655
24H(0-24)	4898	5104	4420	3921	4701	5193	5104	5000	4763
AM Peak	08:00	08:00	11:00	10:00	11:00	08:00	08:00	08:00	11:00
	464	413	367	382	432	490	540	414	362
PM Peak	17:00	13:00	13:00	13:00	14:00	16:00	16:00	16:00	16:00
	368	403	379	374	428	417	401	386	368

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Thu 28/04/2022	Fri 29/04/2022	Sat 30/04/2022	Sun 01/05/2022	Mon 02/05/2022	Tue 03/05/2022	Wed 04/05/2022	5-Day Ave.	7-Day Ave.
00:00	47	34	44	50	34	20	22	31	36
01:00	11	17	31	57	25	10	9	14	23
02:00	9	11	22	18	20	7	6	11	13
03:00	14	9	18	16	18	23	18	16	17
04:00	19	14	21	23	23	22	16	19	20
05:00	64	72	46	27	35	98	103	74	64
06:00	213	194	105	49	75	224	214	184	153
07:00	511	542	222	120	158	576	597	477	389
08:00	751	741	409	199	239	822	881	687	577
09:00	606	622	548	353	461	632	614	587	548
10:00	610	697	657	623	612	654	582	631	634
11:00	609	686	677	644	722	656	590	653	655
12:00	663	736	579	510	755	620	643	683	644
13:00	644	761	681	719	680	608	593	657	669
14:00	635	784	658	682	709	625	597	670	670
15:00	716	736	678	633	644	700	688	697	685
16:00	768	781	640	559	615	834	805	761	715
17:00	786	622	620	497	590	810	794	720	674
18:00	561	635	557	416	510	548	588	545	545
19:00	446	521	418	364	346	394	400	421	413
20:00	286	417	297	281	257	289	306	311	305
21:00	228	271	198	184	182	177	200	212	206
22:00	121	161	157	126	119	138	101	128	132
23:00	60	77	84	62	46	52	50	57	62
Total									
12H(7-19)	7860	8343	6926	5955	6695	8085	7972	7791	7405
16H(6-22)	9033	9746	7944	6833	7555	9169	9092	8919	8482
18H(6-24)	9214	9984	8185	7021	7720	9359	9243	9104	8675
24H(0-24)	9378	10141	8367	7212	7875	9539	9417	9270	8847
AM Peak	08:00	08:00	11:00	11:00	11:00	08:00	08:00	08:00	11:00
	751	741	677	644	722	822	881	687	655
PM Peak	17:00	14:00	13:00	13:00	12:00	16:00	16:00	16:00	16:00
	786	784	681	719	755	834	805	761	715

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North Wales ATC 10, A547 Bridge Street

Direction: Westbound

	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 28 Apr 2022	4480	3855	567	16	42
Fri 29 Apr 2022	5037	4349	637	19	32
Sat 30 Apr 2022	3947	3576	352	7	12
Sun 1 May 2022	3291	3037	245	4	5
Mon 2 May 2022	3174	2900	252	7	15
Tue 3 May 2022	4346	3725	570	14	37
Wed 4 May 2022	4313	3776	499	11	27
5 Day Ave.	4270	3721	505	13	31
7 Day Ave.	4084	3603	446	11	24

Direction: Eastbound

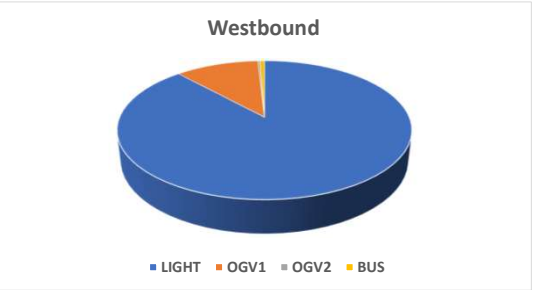
	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 28 Apr 2022	4898	4178	655	14	51
Fri 29 Apr 2022	5104	4395	649	9	51
Sat 30 Apr 2022	4420	3993	393	6	28
Sun 1 May 2022	3921	3620	284	4	13
Mon 2 May 2022	4701	4268	408	9	16
Tue 3 May 2022	5193	4523	617	17	36
Wed 4 May 2022	5104	4592	476	12	24
5 Day Ave.	5000	4391	561	12	36
7 Day Ave.	4763	4224	497	10	31

Direction: Total Flow

	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 28 Apr 2022	9378	8033	1222	30	93
Fri 29 Apr 2022	10141	8744	1286	28	83
Sat 30 Apr 2022	8367	7569	745	13	40
Sun 1 May 2022	7212	6657	529	8	18
Mon 2 May 2022	7875	7168	660	16	31
Tue 3 May 2022	9539	8248	1187	31	73
Wed 4 May 2022	9417	8368	975	23	51
5 Day Ave.	9270	8112	1066	26	66
7 Day Ave.	8847	7827	943	21	56

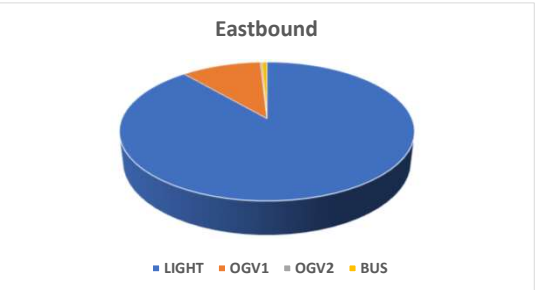
	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 28 Apr 2022	100.0%	86.0%	12.7%	0.4%	0.9%
Fri 29 Apr 2022	100.0%	86.3%	12.6%	0.4%	0.6%
Sat 30 Apr 2022	100.0%	90.6%	8.9%	0.2%	0.3%
Sun 1 May 2022	100.0%	92.3%	7.4%	0.1%	0.2%
Mon 2 May 2022	100.0%	91.4%	7.9%	0.2%	0.5%
Tue 3 May 2022	100.0%	85.7%	13.1%	0.3%	0.9%
Wed 4 May 2022	100.0%	87.5%	11.6%	0.3%	0.6%
5 Day Ave.	100.0%	87.1%	11.8%	0.3%	0.7%
7 Day Ave.	100.0%	88.2%	10.9%	0.3%	0.6%

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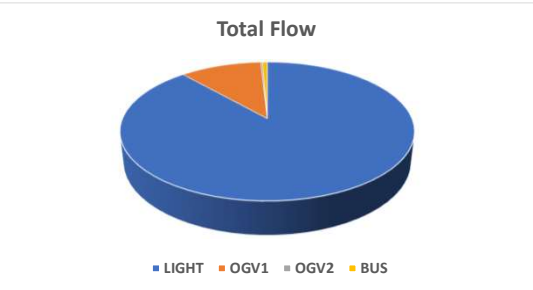
	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 28 Apr 2022	100.0%	85.3%	13.4%	0.3%	1.0%
Fri 29 Apr 2022	100.0%	86.1%	12.7%	0.2%	1.0%
Sat 30 Apr 2022	100.0%	90.3%	8.9%	0.1%	0.6%
Sun 1 May 2022	100.0%	92.3%	7.2%	0.1%	0.3%
Mon 2 May 2022	100.0%	90.8%	8.7%	0.2%	0.3%
Tue 3 May 2022	100.0%	87.1%	11.9%	0.3%	0.7%
Wed 4 May 2022	100.0%	90.0%	9.3%	0.2%	0.5%
5 Day Ave.	100.0%	87.8%	11.2%	0.2%	0.7%
7 Day Ave.	100.0%	88.7%	10.4%	0.2%	0.7%

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	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 28 Apr 2022	100.0%	85.7%	13.0%	0.3%	1.0%
Fri 29 Apr 2022	100.0%	86.2%	12.7%	0.3%	0.8%
Sat 30 Apr 2022	100.0%	90.5%	8.9%	0.2%	0.5%
Sun 1 May 2022	100.0%	92.3%	7.3%	0.1%	0.2%
Mon 2 May 2022	100.0%	91.0%	8.4%	0.2%	0.4%
Tue 3 May 2022	100.0%	86.5%	12.4%	0.3%	0.8%
Wed 4 May 2022	100.0%	88.9%	10.4%	0.2%	0.5%
5 Day Ave.	100.0%	87.5%	11.5%	0.3%	0.7%
7 Day Ave.	100.0%	88.5%	10.7%	0.2%	0.6%

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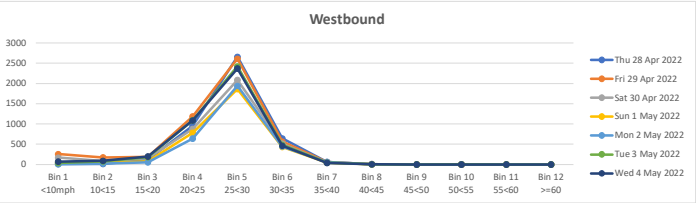


North Wales ATC 10, A547 Bridge Street

Direction: Westbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<15	Bin 3 15<20	Bin 4 20<25	Bin 5 25<30	Bin 6 30<35	Bin 7 35<40	Bin 8 40<45	Bin 9 45<50	Bin 10 50<55	Bin 11 55<60	Bin 12 >=60
Thu 28 Apr 2022	4480	31.0	27.0	3.9	16	15	119	954	2657	645	64	7	2	1	0	0
Fri 29 Apr 2022	5037	31.4	25.2	6.0	256	172	185	1183	2609	564	60	6	1	0	0	1
Sat 30 Apr 2022	3947	31.5	25.6	5.7	170	82	160	877	2087	513	49	7	2	0	0	0
Sun 1 May 2022	3291	31.1	26.4	4.5	49	39	79	780	1865	431	45	3	0	0	0	0
Mon 2 May 2022	3174	31.1	27.1	3.9	3	23	58	641	1938	444	59	5	2	1	0	0
Tue 3 May 2022	4346	30.8	26.1	4.5	40	80	180	1088	2421	484	44	5	1	3	0	0
Wed 4 May 2022	4313	30.7	25.8	4.8	73	89	196	1085	2367	461	37	5	0	0	0	0
5 Day Ave.	4270	31.0	26.2	4.6	78	76	148	990	2398	520	53	6	1	1	0	0
7 Day Ave.	4084	31.1	26.2	4.8	87	71	140	944	2278	506	51	5	1	1	0	0

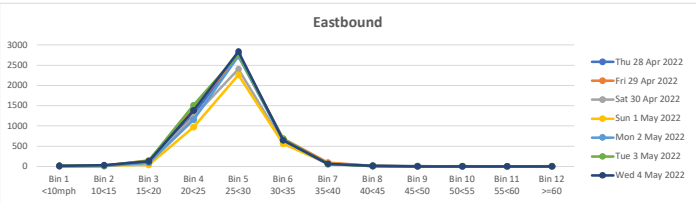
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Direction: Eastbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<15	Bin 3 15<20	Bin 4 20<25	Bin 5 25<30	Bin 6 30<35	Bin 7 35<40	Bin 8 40<45	Bin 9 45<50	Bin 10 50<55	Bin 11 55<60	Bin 12 >=60
Thu 28 Apr 2022	4898	30.7	26.8	3.8	10	7	96	1280	2774	651	74	5	1	0	0	0
Fri 29 Apr 2022	5104	30.8	26.6	4.0	7	15	145	1421	2731	684	90	10	1	0	0	0
Sat 30 Apr 2022	4420	30.7	26.6	3.9	3	13	113	1231	2400	584	63	10	3	0	0	0
Sun 1 May 2022	3921	30.9	27.0	3.8	6	17	38	972	2258	554	66	9	0	1	0	0
Mon 2 May 2022	4701	30.8	26.9	3.7	1	12	87	1152	2729	649	51	14	6	0	0	0
Tue 3 May 2022	5193	30.7	26.5	4.1	10	18	137	1513	2764	679	57	7	1	4	0	3
Wed 4 May 2022	5104	30.7	26.6	4.0	10	29	124	1384	2836	641	63	13	2	0	0	2
5 Day Ave.	5000	30.7	26.7	3.9	8	16	118	1350	2767	661	67	10	2	1	0	1
7 Day Ave.	4763	30.8	26.7	3.9	7	16	106	1279	2642	635	66	10	2	1	0	1

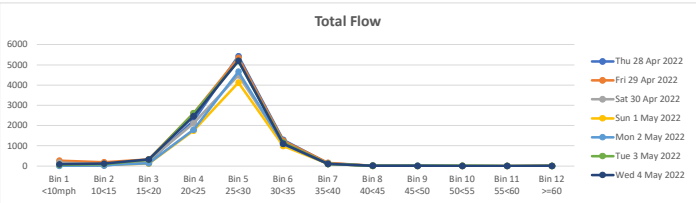
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Direction: Total Flow

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<15	Bin 3 15<20	Bin 4 20<25	Bin 5 25<30	Bin 6 30<35	Bin 7 35<40	Bin 8 40<45	Bin 9 45<50	Bin 10 50<55	Bin 11 55<60	Bin 12 >=60
Thu 28 Apr 2022	9378	30.8	26.9	3.9	26	22	215	2234	5431	1296	138	12	3	1	0	0
Fri 29 Apr 2022	10141	31.2	25.9	5.1	263	187	330	2604	5340	1248	150	16	2	0	0	1
Sat 30 Apr 2022	8367	31.2	26.2	4.9	173	95	273	2108	4487	1097	112	17	5	0	0	0
Sun 1 May 2022	7212	31.0	26.7	4.1	55	56	117	1752	4123	985	111	12	0	1	0	0
Mon 2 May 2022	7875	30.9	27.0	3.8	4	35	145	1793	4667	1093	110	19	8	1	0	0
Tue 3 May 2022	9539	30.8	26.3	4.3	50	98	317	2601	5185	1163	101	12	2	7	0	3
Wed 4 May 2022	9417	30.8	26.2	4.4	83	118	320	2469	5203	1102	100	18	2	0	0	2
5 Day Ave.	9270	30.9	26.5	4.3	85	92	265	2340	5165	1180	120	15	3	2	0	1
7 Day Ave.	8847	31.0	26.5	4.3	93	87	245	2223	4919	1141	117	15	3	1	0	1

360 TSL Ltd





## North Wales ATC 10, A547 Bridge Street

Direction: Westbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<15	Bin 3 15<20	Bin 4 20<25	Bin 5 25<30	Bin 6 30<35	Bin 7 35<40	Bin 8 40<45	Bin 9 45<50	Bin 10 50<55	Bin 11 55<60	Bin 12 >=60
Thu 28 Apr 2022	548	30.5	26.4	4.0	1	5	22	134	320	57	9	0	0	0	0	0
Fri 29 Apr 2022	687	30.4	26.2	4.0	4	10	22	164	411	74	2	0	0	0	0	0
Sat 30 Apr 2022	619	29.6	25.2	4.2	2	9	42	216	297	51	2	0	0	0	0	0
Sun 1 May 2022	526	30.6	26.9	3.5	3	0	6	113	331	68	5	0	0	0	0	0
Mon 2 May 2022	533	30.3	26.3	3.9	2	9	13	123	332	51	3	0	0	0	0	0
Tue 3 May 2022	567	29.8	26.2	3.4	0	5	12	154	351	42	3	0	0	0	0	0
Wed 4 May 2022	508	30.2	25.8	4.2	2	12	21	141	277	54	1	0	0	0	0	0
5 Day Ave.	569	30.2	26.2	3.9	2	8	18	143	338	56	4	0	0	0	0	0
7 Day Ave.	570	30.2	26.2	3.9	2	7	20	149	331	57	4	0	0	0	0	0

360 TSL Ltd

Direction: Eastbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<15	Bin 3 15<20	Bin 4 20<25	Bin 5 25<30	Bin 6 30<35	Bin 7 35<40	Bin 8 40<45	Bin 9 45<50	Bin 10 50<55	Bin 11 55<60	Bin 12 >=60
Thu 28 Apr 2022	671	29.8	26.1	3.6	1	1	21	215	365	64	4	0	0	0	0	0
Fri 29 Apr 2022	696	29.8	26.1	3.5	0	3	23	204	402	61	2	1	0	0	0	0
Sat 30 Apr 2022	715	29.8	26.2	3.5	0	0	21	225	395	71	3	0	0	0	0	0
Sun 1 May 2022	741	30.1	26.6	3.3	1	1	4	203	447	79	6	0	0	0	0	0
Mon 2 May 2022	801	29.9	26.3	3.4	0	1	20	232	463	84	0	1	0	0	0	0
Tue 3 May 2022	743	29.8	25.7	3.9	0	2	24	289	372	48	3	2	0	3	0	0
Wed 4 May 2022	664	30.0	26.2	3.7	1	4	21	180	392	61	5	0	0	0	0	0
5 Day Ave.	715	29.9	26.1	3.6	0	2	22	224	399	64	3	1	0	1	0	0
7 Day Ave.	719	29.9	26.2	3.6	0	2	19	221	405	67	3	1	0	0	0	0

360 TSL Ltd

Direction: Total Flow

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<15	Bin 3 15<20	Bin 4 20<25	Bin 5 25<30	Bin 6 30<35	Bin 7 35<40	Bin 8 40<45	Bin 9 45<50	Bin 10 50<55	Bin 11 55<60	Bin 12 >=60
Thu 28 Apr 2022	1219	30.1	26.2	3.8	2	6	43	349	685	121	13	0	0	0	0	0
Fri 29 Apr 2022	1383	30.1	26.2	3.8	4	13	45	368	813	135	4	1	0	0	0	0
Sat 30 Apr 2022	1334	29.7	25.7	3.8	2	9	63	441	692	122	5	0	0	0	0	0
Sun 1 May 2022	1267	30.3	26.8	3.4	4	1	10	316	778	147	11	0	0	0	0	0
Mon 2 May 2022	1334	30.0	26.3	3.6	2	10	33	355	795	135	3	1	0	0	0	0
Tue 3 May 2022	1310	29.8	25.9	3.7	0	7	36	443	723	90	6	2	0	3	0	0
Wed 4 May 2022	1172	30.1	26.1	3.9	3	16	42	321	669	115	6	0	0	0	0	0
5 Day Ave.	1284	30.0	26.1	3.8	2	10	40	367	737	119	6	1	0	1	0	0
7 Day Ave.	1288	30.0	26.2	3.7	2	9	39	370	736	124	7	1	0	0	0	0

360 TSL Ltd



## North Wales ATC 10, A547 Bridge Street

Direction: Westbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<15	Bin 3 15<20	Bin 4 20<25	Bin 5 25<30	Bin 6 30<35	Bin 7 35<40	Bin 8 40<45	Bin 9 45<50	Bin 10 50<55	Bin 11 55<60	Bin 12 >=60
Thu 28 Apr 2022	659	30.1	26.0	4.0	4	1	27	204	351	68	2	2	0	0	0	0
Fri 29 Apr 2022	776	29.4	25.7	3.5	2	0	23	286	404	58	3	0	0	0	0	0
Sat 30 Apr 2022	648	30.3	26.7	3.5	0	3	16	144	409	70	6	0	0	0	0	0
Sun 1 May 2022	640	30.0	26.3	3.6	1	6	10	182	380	56	5	0	0	0	0	0
Mon 2 May 2022	534	30.2	26.8	3.2	0	1	5	125	341	57	5	0	0	0	0	0
Tue 3 May 2022	624	30.2	26.6	3.5	1	2	12	155	384	66	4	0	0	0	0	0
Wed 4 May 2022	642	30.1	25.5	4.4	9	16	20	195	348	53	1	0	0	0	0	0
5 Day Ave.	647	30.0	26.1	3.7	3	4	17	193	366	60	3	0	0	0	0	0
7 Day Ave.	646	30.0	26.2	3.7	2	4	16	184	374	61	4	0	0	0	0	0

360 TSL Ltd

Direction: Eastbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<15	Bin 3 15<20	Bin 4 20<25	Bin 5 25<30	Bin 6 30<35	Bin 7 35<40	Bin 8 40<45	Bin 9 45<50	Bin 10 50<55	Bin 11 55<60	Bin 12 >=60
Thu 28 Apr 2022	692	29.2	25.6	3.5	1	1	21	266	352	49	2	0	0	0	0	0
Fri 29 Apr 2022	744	29.1	25.6	3.4	1	2	17	289	389	42	4	0	0	0	0	0
Sat 30 Apr 2022	688	29.2	25.6	3.5	1	4	22	257	353	51	0	0	0	0	0	0
Sun 1 May 2022	675	30.0	26.3	3.6	2	3	11	201	389	66	2	1	0	0	0	0
Mon 2 May 2022	819	29.6	25.9	3.6	0	3	20	284	451	52	7	1	1	0	0	0
Tue 3 May 2022	701	29.3	25.7	3.4	1	0	17	275	347	61	0	0	0	0	0	0
Wed 4 May 2022	643	29.5	25.5	3.9	4	4	23	245	312	54	1	0	0	0	0	0
5 Day Ave.	720	29.3	25.7	3.5	1	2	20	272	370	52	3	0	0	0	0	0
7 Day Ave.	709	29.4	25.7	3.5	1	2	19	260	370	54	2	0	0	0	0	0

360 TSL Ltd

Direction: Total Flow

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<15	Bin 3 15<20	Bin 4 20<25	Bin 5 25<30	Bin 6 30<35	Bin 7 35<40	Bin 8 40<45	Bin 9 45<50	Bin 10 50<55	Bin 11 55<60	Bin 12 >=60
Thu 28 Apr 2022	1351	29.7	25.8	3.7	5	2	48	470	703	117	4	2	0	0	0	0
Fri 29 Apr 2022	1520	29.2	25.7	3.4	3	2	40	575	793	100	7	0	0	0	0	0
Sat 30 Apr 2022	1336	29.8	26.1	3.6	1	7	38	401	762	121	6	0	0	0	0	0
Sun 1 May 2022	1315	30.0	26.3	3.6	3	9	21	383	769	122	7	1	0	0	0	0
Mon 2 May 2022	1353	29.9	26.3	3.5	0	4	25	409	792	109	12	1	1	0	0	0
Tue 3 May 2022	1325	29.7	26.1	3.5	2	2	29	430	731	127	4	0	0	0	0	0
Wed 4 May 2022	1285	29.8	25.5	4.2	13	20	43	440	660	107	2	0	0	0	0	0
5 Day Ave.	1367	29.6	25.9	3.7	5	6	37	465	736	112	6	1	0	0	0	0
7 Day Ave.	1355	29.7	26.0	3.6	4	7	35	444	744	115	6	1	0	0	0	0

360 TSL Ltd



# North Wales ATC 10, A547 Bridge Street

Direction: Westbound

28/04/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	34	30	4	0	0
01:00	9	5	4	0	0
02:00	4	3	1	0	0
03:00	4	3	1	0	0
04:00	5	2	2	1	0
05:00	13	11	1	1	0
06:00	62	50	8	1	3
07:00	157	118	32	1	6
08:00	287	224	59	0	4
09:00	293	235	53	0	5
10:00	275	230	38	2	5
11:00	273	226	40	1	6
12:00	322	273	44	1	4
13:00	308	273	34	1	0
14:00	304	266	35	2	1
15:00	355	306	46	2	1
16:00	406	365	38	1	2
17:00	418	368	49	0	1
18:00	308	275	30	1	2
19:00	238	215	21	1	1
20:00	161	146	15	0	0
21:00	129	120	8	0	1
22:00	72	69	3	0	0
23:00	43	42	1	0	0
Total					
12H(7-19)	3706	3159	498	12	37
16H(6-22)	4296	3690	550	14	42
18H(6-24)	4411	3801	554	14	42
24H(0-24)	4480	3855	567	16	42
AM Peak	09:00	09:00	08:00	10:00	07:00
	293	235	59	2	6
PM Peak	17:00	17:00	17:00	14:00	12:00
	418	368	49	2	4

360 TSL Ltd

Direction: Eastbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	13	10	3	0	0
01:00	2	2	0	0	0
02:00	5	4	1	0	0
03:00	10	7	1	1	1
04:00	14	11	3	0	0
05:00	51	47	4	0	0
06:00	151	107	41	1	2
07:00	354	295	52	2	5
08:00	464	398	56	1	9
09:00	313	254	52	3	4
10:00	335	271	59	0	5
11:00	336	279	55	0	2
12:00	341	279	55	1	6
13:00	336	285	47	1	3
14:00	331	284	44	0	3
15:00	361	309	47	1	4
16:00	362	320	38	1	3
17:00	368	329	38	0	1
18:00	253	221	30	1	1
19:00	208	190	16	1	1
20:00	125	117	7	0	1
21:00	99	96	3	0	0
22:00	49	46	3	0	0
23:00	17	17	0	0	0
Total					
12H(7-19)	4154	3524	573	11	46
16H(6-22)	4737	4034	640	13	50
18H(6-24)	4803	4097	643	13	50
24H(0-24)	4898	4178	655	14	51
AM Peak	08:00	08:00	10:00	09:00	08:00
	464	398	59	3	9
PM Peak	17:00	17:00	12:00	12:00	12:00
	368	329	55	1	6

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	47	40	7	0	0
01:00	11	7	4	0	0
02:00	9	7	2	0	0
03:00	14	10	2	1	1
04:00	19	13	5	1	0
05:00	64	58	5	1	0
06:00	213	157	49	2	5
07:00	511	413	84	3	11
08:00	751	622	115	1	13
09:00	606	489	105	3	9
10:00	610	501	97	2	10
11:00	609	505	95	1	8
12:00	663	552	99	2	10
13:00	644	558	81	2	3
14:00	635	550	79	2	4
15:00	716	615	93	3	5
16:00	768	685	76	2	5
17:00	786	697	87	0	2
18:00	561	496	60	2	3
19:00	446	405	37	2	2
20:00	286	263	22	0	1
21:00	228	216	11	0	1
22:00	121	115	6	0	0
23:00	60	59	1	0	0
Total					
12H(7-19)	7860	6683	1071	23	83
16H(6-22)	9033	7724	1190	27	92
18H(6-24)	9214	7898	1197	27	92
24H(0-24)	9378	8033	1222	30	93
AM Peak	08:00	08:00	08:00	07:00	08:00
	751	622	115	3	13
PM Peak	17:00	17:00	12:00	15:00	12:00
	786	697	99	3	10

360 TSL Ltd



# North Wales ATC 10, A547 Bridge Street

Direction: Westbound

29/04/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	18	16	2	0	0
01:00	10	9	1	0	0
02:00	7	6	1	0	0
03:00	3	2	1	0	0
04:00	5	1	1	2	1
05:00	13	8	4	0	1
06:00	50	35	13	0	2
07:00	191	150	34	2	5
08:00	328	263	59	2	4
09:00	301	241	55	2	3
10:00	331	279	50	0	2
11:00	356	305	46	1	4
12:00	346	294	48	3	1
13:00	358	299	53	1	5
14:00	409	356	52	1	0
15:00	367	323	41	2	1
16:00	420	370	49	0	1
17:00	323	293	28	2	0
18:00	345	321	24	0	0
19:00	307	271	35	1	0
20:00	259	236	22	0	1
21:00	153	140	12	0	1
22:00	87	84	3	0	0
23:00	50	47	3	0	0
Total					
12H(7-19)	4075	3494	539	16	26
16H(6-22)	4844	4176	621	17	30
18H(6-24)	4981	4307	627	17	30
24H(0-24)	5037	4349	637	19	32
AM Peak	11:00 356	11:00 305	08:00 59	04:00 2	07:00 5
PM Peak	16:00 420	16:00 370	13:00 53	12:00 3	13:00 5

360 TSL Ltd

Direction: Eastbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	16	14	2	0	0
01:00	7	6	1	0	0
02:00	4	4	0	0	0
03:00	6	4	2	0	0
04:00	9	7	2	0	0
05:00	59	47	11	0	1
06:00	144	111	31	0	2
07:00	351	283	63	1	4
08:00	413	355	50	0	8
09:00	321	270	45	1	5
10:00	366	298	62	1	5
11:00	330	281	47	0	2
12:00	390	325	58	1	6
13:00	403	341	58	0	4
14:00	375	335	37	0	3
15:00	369	319	44	3	3
16:00	361	320	39	0	2
17:00	299	263	33	0	3
18:00	290	262	24	2	2
19:00	214	201	13	0	0
20:00	158	145	12	0	1
21:00	118	112	6	0	0
22:00	74	68	6	0	0
23:00	27	24	3	0	0
Total					
12H(7-19)	4268	3652	560	9	47
16H(6-22)	4902	4221	622	9	50
18H(6-24)	5003	4313	631	9	50
24H(0-24)	5104	4395	649	9	51
AM Peak	08:00 413	08:00 355	07:00 63	07:00 1	08:00 8
PM Peak	13:00 403	13:00 341	12:00 58	15:00 3	12:00 6

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	34	30	4	0	0
01:00	17	15	2	0	0
02:00	11	10	1	0	0
03:00	9	6	3	0	0
04:00	14	8	3	2	1
05:00	72	55	15	0	2
06:00	194	146	44	0	4
07:00	542	433	97	3	9
08:00	741	618	109	2	12
09:00	622	511	100	3	8
10:00	697	577	112	1	7
11:00	686	586	93	1	6
12:00	736	619	106	4	7
13:00	761	640	111	1	9
14:00	784	691	89	1	3
15:00	736	642	85	5	4
16:00	781	690	88	0	3
17:00	622	556	61	2	3
18:00	635	583	48	2	2
19:00	521	472	48	1	0
20:00	417	381	34	0	2
21:00	271	252	18	0	1
22:00	161	152	9	0	0
23:00	77	71	6	0	0
Total					
12H(7-19)	8343	7146	1099	25	73
16H(6-22)	9746	8397	1243	26	80
18H(6-24)	9984	8620	1258	26	80
24H(0-24)	10141	8744	1286	28	83
AM Peak	08:00 741	08:00 618	10:00 112	07:00 3	08:00 12
PM Peak	14:00 784	14:00 691	13:00 111	15:00 5	13:00 9

360 TSL Ltd



# North Wales ATC 10, A547 Bridge Street

Direction: Westbound

30/04/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	26	24	2	0	0
01:00	15	15	0	0	0
02:00	12	12	0	0	0
03:00	8	6	2	0	0
04:00	11	4	6	1	0
05:00	10	6	3	0	1
06:00	32	28	4	0	0
07:00	87	69	18	0	0
08:00	177	142	31	0	4
09:00	276	235	39	1	1
10:00	309	284	24	1	0
11:00	310	282	26	1	1
12:00	281	256	23	2	0
13:00	302	274	27	0	1
14:00	315	292	22	0	1
15:00	333	307	23	1	2
16:00	280	257	22	0	1
17:00	310	288	22	0	0
18:00	261	236	25	0	0
19:00	226	208	18	0	0
20:00	165	159	6	0	0
21:00	91	87	4	0	0
22:00	76	72	4	0	0
23:00	34	33	1	0	0
Total					
12H(7-19)	3241	2922	302	6	11
16H(6-22)	3755	3404	334	6	11
18H(6-24)	3865	3509	339	6	11
24H(0-24)	3947	3576	352	7	12
AM Peak	11:00 310	10:00 284	09:00 39	04:00 1	08:00 4
PM Peak	15:00 333	15:00 307	13:00 27	12:00 2	15:00 2

360 TSL Ltd

Direction: Eastbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	18	18	0	0	0
01:00	16	15	1	0	0
02:00	10	9	1	0	0
03:00	10	9	1	0	0
04:00	10	9	1	0	0
05:00	36	28	7	0	1
06:00	73	53	18	1	1
07:00	135	110	22	0	3
08:00	232	196	32	0	4
09:00	272	235	36	0	1
10:00	348	311	34	0	3
11:00	367	326	39	1	1
12:00	298	276	20	1	1
13:00	379	345	32	0	2
14:00	343	313	28	0	2
15:00	345	321	19	2	3
16:00	360	333	25	0	2
17:00	310	284	25	0	1
18:00	296	275	19	1	1
19:00	192	175	16	0	1
20:00	132	124	7	0	1
21:00	107	103	4	0	0
22:00	81	78	3	0	0
23:00	50	47	3	0	0
Total					
12H(7-19)	3685	3325	331	5	24
16H(6-22)	4189	3780	376	6	27
18H(6-24)	4320	3905	382	6	27
24H(0-24)	4420	3993	393	6	28
AM Peak	11:00 367	11:00 326	11:00 39	06:00 1	08:00 4
PM Peak	13:00 379	13:00 345	13:00 32	15:00 2	15:00 3

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	44	42	2	0	0
01:00	31	30	1	0	0
02:00	22	21	1	0	0
03:00	18	15	3	0	0
04:00	21	13	7	1	0
05:00	46	34	10	0	2
06:00	105	81	22	1	1
07:00	222	179	40	0	3
08:00	409	338	63	0	8
09:00	548	470	75	1	2
10:00	657	595	58	1	3
11:00	677	608	65	2	2
12:00	579	532	43	3	1
13:00	681	619	59	0	3
14:00	658	605	50	0	3
15:00	678	628	42	3	5
16:00	640	590	47	0	3
17:00	620	572	47	0	1
18:00	557	511	44	1	1
19:00	418	383	34	0	1
20:00	297	283	13	0	1
21:00	198	190	8	0	0
22:00	157	150	7	0	0
23:00	84	80	4	0	0
Total					
12H(7-19)	6926	6247	633	11	35
16H(6-22)	7944	7184	710	12	38
18H(6-24)	8185	7414	721	12	38
24H(0-24)	8367	7569	745	13	40
AM Peak	11:00 677	11:00 608	09:00 75	11:00 2	08:00 8
PM Peak	13:00 681	15:00 628	13:00 59	12:00 3	15:00 5

360 TSL Ltd



# North Wales ATC 10, A547 Bridge Street

Direction: Westbound

01/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	29	26	3	0	0
01:00	23	21	2	0	0
02:00	10	7	3	0	0
03:00	9	9	0	0	0
04:00	11	10	1	0	0
05:00	5	4	0	0	1
06:00	15	8	7	0	0
07:00	54	49	5	0	0
08:00	83	66	16	0	1
09:00	128	116	12	0	0
10:00	241	221	20	0	0
11:00	285	257	27	1	0
12:00	271	254	17	0	0
13:00	345	323	22	0	0
14:00	341	315	26	0	0
15:00	299	278	18	0	3
16:00	274	256	17	1	0
17:00	211	197	13	1	0
18:00	163	151	12	0	0
19:00	154	142	11	1	0
20:00	145	137	8	0	0
21:00	93	90	3	0	0
22:00	67	66	1	0	0
23:00	35	34	1	0	0
Total					
12H(7-19)	2695	2483	205	3	4
16H(6-22)	3102	2860	234	4	4
18H(6-24)	3204	2960	236	4	4
24H(0-24)	3291	3037	245	4	5
AM Peak	11:00 285	11:00 257	11:00 27	11:00 1	05:00 1
PM Peak	13:00 345	13:00 323	14:00 26	16:00 1	15:00 3

360 TSL Ltd

Direction: Eastbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	21	21	0	0	0
01:00	34	33	1	0	0
02:00	8	7	1	0	0
03:00	7	6	1	0	0
04:00	12	11	1	0	0
05:00	22	17	4	0	1
06:00	34	30	4	0	0
07:00	66	63	3	0	0
08:00	116	101	14	1	0
09:00	225	203	21	0	1
10:00	382	349	31	0	2
11:00	359	331	27	0	1
12:00	239	218	21	0	0
13:00	374	346	26	1	1
14:00	341	315	25	0	1
15:00	334	311	23	0	0
16:00	285	266	17	0	2
17:00	286	263	22	0	1
18:00	253	239	11	1	2
19:00	210	198	12	0	0
20:00	136	127	8	1	0
21:00	91	82	8	0	1
22:00	59	56	3	0	0
23:00	27	27	0	0	0
Total					
12H(7-19)	3260	3005	241	3	11
16H(6-22)	3731	3442	273	4	12
18H(6-24)	3817	3525	276	4	12
24H(0-24)	3921	3620	284	4	13
AM Peak	10:00 382	10:00 349	10:00 31	08:00 1	10:00 2
PM Peak	13:00 374	13:00 346	13:00 26	13:00 1	16:00 2

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	50	47	3	0	0
01:00	57	54	3	0	0
02:00	18	14	4	0	0
03:00	16	15	1	0	0
04:00	23	21	2	0	0
05:00	27	21	4	0	2
06:00	49	38	11	0	0
07:00	120	112	8	0	0
08:00	199	167	30	1	1
09:00	353	319	33	0	1
10:00	623	570	51	0	2
11:00	644	588	54	1	1
12:00	510	472	38	0	0
13:00	719	669	48	1	1
14:00	682	630	51	0	1
15:00	633	589	41	0	3
16:00	559	522	34	1	2
17:00	497	460	35	1	1
18:00	416	390	23	1	2
19:00	364	340	23	1	0
20:00	281	264	16	1	0
21:00	184	172	11	0	1
22:00	126	122	4	0	0
23:00	62	61	1	0	0
Total					
12H(7-19)	5955	5488	446	6	15
16H(6-22)	6833	6302	507	8	16
18H(6-24)	7021	6485	512	8	16
24H(0-24)	7212	6657	529	8	18
AM Peak	11:00 644	11:00 588	11:00 54	08:00 1	05:00 2
PM Peak	13:00 719	13:00 669	14:00 51	13:00 1	15:00 3

360 TSL Ltd



# North Wales ATC 10, A547 Bridge Street

Direction: Westbound

02/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	17	17	0	0	0
01:00	11	10	0	0	1
02:00	6	5	1	0	0
03:00	8	6	2	0	0
04:00	9	6	2	0	1
05:00	9	8	1	0	0
06:00	23	16	5	1	1
07:00	59	47	11	0	1
08:00	77	65	10	1	1
09:00	141	110	28	1	2
10:00	243	219	24	0	0
11:00	290	267	22	0	1
12:00	329	313	14	0	2
13:00	300	279	21	0	0
14:00	281	266	15	0	0
15:00	253	238	14	0	1
16:00	226	209	17	0	0
17:00	231	207	20	2	2
18:00	240	225	13	0	2
19:00	139	126	12	1	0
20:00	122	109	13	0	0
21:00	81	77	4	0	0
22:00	61	58	2	1	0
23:00	18	17	1	0	0
Total					
12H(7-19)	2670	2445	209	4	12
16H(6-22)	3035	2773	243	6	13
18H(6-24)	3114	2848	246	7	13
24H(0-24)	3174	2900	252	7	15
AM Peak	11:00 290	11:00 267	09:00 28	06:00 1	09:00 2
PM Peak	12:00 329	12:00 313	13:00 21	17:00 2	12:00 2

360 TSL Ltd

Direction: Eastbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	17	15	2	0	0
01:00	14	14	0	0	0
02:00	14	13	1	0	0
03:00	10	8	2	0	0
04:00	14	11	3	0	0
05:00	26	24	2	0	0
06:00	52	48	4	0	0
07:00	99	90	8	0	1
08:00	162	141	21	0	0
09:00	320	275	44	0	1
10:00	369	321	44	1	3
11:00	432	376	53	2	1
12:00	426	388	36	1	1
13:00	380	347	27	3	3
14:00	428	393	33	0	2
15:00	391	357	33	1	0
16:00	389	371	18	0	0
17:00	359	334	23	0	2
18:00	270	248	19	1	2
19:00	207	198	9	0	0
20:00	135	122	13	0	0
21:00	101	93	8	0	0
22:00	58	56	2	0	0
23:00	28	25	3	0	0
Total					
12H(7-19)	4025	3641	359	9	16
16H(6-22)	4520	4102	393	9	16
18H(6-24)	4606	4183	398	9	16
24H(0-24)	4701	4268	408	9	16
AM Peak	11:00 432	11:00 376	11:00 53	11:00 2	10:00 3
PM Peak	14:00 428	14:00 393	12:00 36	13:00 3	13:00 3

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	34	32	2	0	0
01:00	25	24	0	0	1
02:00	20	18	2	0	0
03:00	18	14	4	0	0
04:00	23	17	5	0	1
05:00	35	32	3	0	0
06:00	75	64	9	1	1
07:00	158	137	19	0	2
08:00	239	206	31	1	1
09:00	461	385	72	1	3
10:00	612	540	68	1	3
11:00	722	643	75	2	2
12:00	755	701	50	1	3
13:00	680	626	48	3	3
14:00	709	659	48	0	2
15:00	644	595	47	1	1
16:00	615	580	35	0	0
17:00	590	541	43	2	4
18:00	510	473	32	1	4
19:00	346	324	21	1	0
20:00	257	231	26	0	0
21:00	182	170	12	0	0
22:00	119	114	4	1	0
23:00	46	42	4	0	0
Total					
12H(7-19)	6695	6086	568	13	28
16H(6-22)	7555	6875	636	15	29
18H(6-24)	7720	7031	644	16	29
24H(0-24)	7875	7168	660	16	31
AM Peak	11:00 722	11:00 643	11:00 75	11:00 2	09:00 3
PM Peak	12:00 755	12:00 701	12:00 50	13:00 3	17:00 4

360 TSL Ltd



# North Wales ATC 10, A547 Bridge Street

Direction: Westbound

03/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	10	9	1	0	0
01:00	4	2	2	0	0
02:00	3	3	0	0	0
03:00	12	9	1	2	0
04:00	5	3	2	0	0
05:00	15	9	6	0	0
06:00	63	49	12	2	0
07:00	183	151	31	0	1
08:00	332	266	59	1	6
09:00	286	230	56	0	0
10:00	276	224	41	2	9
11:00	291	242	46	1	2
12:00	302	264	35	0	3
13:00	291	244	42	1	4
14:00	298	257	36	2	3
15:00	326	277	44	1	4
16:00	417	369	47	0	1
17:00	415	373	41	1	0
18:00	270	243	27	0	0
19:00	211	188	20	1	2
20:00	148	138	9	0	1
21:00	84	79	5	0	0
22:00	79	74	4	0	1
23:00	25	22	3	0	0
Total					
12H(7-19)	3687	3140	505	9	33
16H(6-22)	4193	3594	551	12	36
18H(6-24)	4297	3690	558	12	37
24H(0-24)	4346	3725	570	14	37
AM Peak	08:00	08:00	08:00	03:00	10:00
	332	266	59	2	9
PM Peak	16:00	17:00	16:00	14:00	13:00
	417	373	47	2	4

360 TSL Ltd

Direction: Eastbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	10	9	1	0	0
01:00	6	6	0	0	0
02:00	4	3	1	0	0
03:00	11	11	0	0	0
04:00	17	15	2	0	0
05:00	83	75	8	0	0
06:00	161	140	21	0	0
07:00	393	342	50	0	1
08:00	490	439	48	1	2
09:00	346	301	43	0	2
10:00	378	315	57	2	4
11:00	365	309	51	2	3
12:00	318	269	41	3	5
13:00	317	262	52	2	1
14:00	327	272	48	3	4
15:00	374	312	56	1	5
16:00	417	366	47	2	2
17:00	395	359	33	1	2
18:00	278	252	25	0	1
19:00	183	164	19	0	0
20:00	141	136	4	0	1
21:00	93	85	7	0	1
22:00	59	57	2	0	0
23:00	27	24	1	0	2
Total					
12H(7-19)	4398	3798	551	17	32
16H(6-22)	4976	4323	602	17	34
18H(6-24)	5062	4404	605	17	36
24H(0-24)	5193	4523	617	17	36
AM Peak	08:00	08:00	10:00	10:00	10:00
	490	439	57	2	4
PM Peak	16:00	16:00	15:00	12:00	12:00
	417	366	56	3	5

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	20	18	2	0	0
01:00	10	8	2	0	0
02:00	7	6	1	0	0
03:00	23	20	1	2	0
04:00	22	18	4	0	0
05:00	98	84	14	0	0
06:00	224	189	33	2	0
07:00	576	493	81	0	2
08:00	822	705	107	2	8
09:00	632	531	99	0	2
10:00	654	539	98	4	13
11:00	656	551	97	3	5
12:00	620	533	76	3	8
13:00	608	506	94	3	5
14:00	625	529	84	5	7
15:00	700	589	100	2	9
16:00	834	735	94	2	3
17:00	810	732	74	2	2
18:00	548	495	52	0	1
19:00	394	352	39	1	2
20:00	289	274	13	0	2
21:00	177	164	12	0	1
22:00	138	131	6	0	1
23:00	52	46	4	0	2
Total					
12H(7-19)	8085	6938	1056	26	65
16H(6-22)	9169	7917	1153	29	70
18H(6-24)	9359	8094	1163	29	73
24H(0-24)	9539	8248	1187	31	73
AM Peak	08:00	08:00	08:00	10:00	10:00
	822	705	107	4	13
PM Peak	16:00	16:00	15:00	14:00	15:00
	834	735	100	5	9

360 TSL Ltd



# North Wales ATC 10, A547 Bridge Street

Direction: Westbound

04/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	10	8	2	0	0
01:00	2	2	0	0	0
02:00	1	1	0	0	0
03:00	7	4	3	0	0
04:00	5	3	2	0	0
05:00	21	13	6	2	0
06:00	69	58	11	0	0
07:00	196	164	28	2	2
08:00	341	298	38	1	4
09:00	263	228	33	0	2
10:00	262	209	51	0	2
11:00	246	204	40	0	2
12:00	298	260	34	1	3
13:00	278	234	43	0	1
14:00	292	250	40	0	2
15:00	350	308	38	1	3
16:00	404	362	41	0	1
17:00	425	385	34	3	3
18:00	294	275	18	0	1
19:00	204	185	18	0	1
20:00	160	150	9	1	0
21:00	102	98	4	0	0
22:00	52	48	4	0	0
23:00	31	29	2	0	0
Total					
12H(7-19)	3649	3177	438	8	26
16H(6-22)	4184	3668	480	9	27
18H(6-24)	4267	3745	486	9	27
24H(0-24)	4313	3776	499	11	27
AM Peak	08:00 341	08:00 298	10:00 51	05:00 2	08:00 4
PM Peak	17:00 425	17:00 385	13:00 43	17:00 3	12:00 3

360 TSL Ltd

Direction: Eastbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	12	12	0	0	0
01:00	7	6	1	0	0
02:00	5	5	0	0	0
03:00	11	11	0	0	0
04:00	11	10	1	0	0
05:00	82	75	7	0	0
06:00	145	125	20	0	0
07:00	401	351	45	3	2
08:00	540	496	38	3	3
09:00	351	314	34	0	3
10:00	320	295	22	0	3
11:00	344	308	33	0	3
12:00	345	297	45	1	2
13:00	315	284	29	0	2
14:00	305	266	38	0	1
15:00	338	294	42	2	0
16:00	401	358	41	0	2
17:00	369	332	35	2	0
18:00	294	276	17	0	1
19:00	196	183	12	0	1
20:00	146	134	12	0	0
21:00	98	96	1	1	0
22:00	49	47	2	0	0
23:00	19	17	1	0	1
Total					
12H(7-19)	4323	3871	419	11	22
16H(6-22)	4908	4409	464	12	23
18H(6-24)	4976	4473	467	12	24
24H(0-24)	5104	4592	476	12	24
AM Peak	08:00 540	08:00 496	07:00 45	07:00 3	08:00 3
PM Peak	16:00 401	16:00 358	12:00 45	15:00 2	12:00 2

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	22	20	2	0	0
01:00	9	8	1	0	0
02:00	6	6	0	0	0
03:00	18	15	3	0	0
04:00	16	13	3	0	0
05:00	103	88	13	2	0
06:00	214	183	31	0	0
07:00	597	515	73	5	4
08:00	881	794	76	4	7
09:00	614	542	67	0	5
10:00	582	504	73	0	5
11:00	590	512	73	0	5
12:00	643	557	79	2	5
13:00	593	518	72	0	3
14:00	597	516	78	0	3
15:00	688	602	80	3	3
16:00	805	720	82	0	3
17:00	794	717	69	5	3
18:00	588	551	35	0	2
19:00	400	368	30	0	2
20:00	306	284	21	1	0
21:00	200	194	5	1	0
22:00	101	95	6	0	0
23:00	50	46	3	0	1
Total					
12H(7-19)	7972	7048	857	19	48
16H(6-22)	9092	8077	944	21	50
18H(6-24)	9243	8218	953	21	51
24H(0-24)	9417	8368	975	23	51
AM Peak	08:00 881	08:00 794	08:00 76	07:00 5	08:00 7
PM Peak	16:00 805	16:00 720	16:00 82	17:00 5	12:00 5

360 TSL Ltd



North Wales ATC 10, A547 Bridge Street

Direction: Westbound

28/04/2022																			
Hour Beginning	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 10-19m	Bin 2 19-15	Bin 3 15-20	Bin 4 20-25	Bin 5 25-30	Bin 6 30-35	Bin 7 35-40	Bin 8 40-45	Bin 9 45-50	Bin 10 50-55	Bin 11 55-60	Bin 12 60-69			
00:00	34	35.2	20.4	5.7	0	0	0	2	20	58	2	0	0	0	0	0			
01:00	9	35.7	31.4	4.2	0	0	0	0	4	3	2	0	0	0	0	0			
02:00	4	32.7	9.8	0	0	0	0	0	3	61	0	0	0	0	0	0			
03:00	4	37.9	25.1	12.4	1	0	0	0	2	0	1	0	0	0	0	0			
04:00	5	45.9	33.5	11.9	0	0	0	1	2	0	1	0	0	1	0	0			
05:00	13	36.3	31.0	5.2	0	0	0	1	5	1	1	0	0	0	0	0			
06:00	62	34.6	29.6	4.8	1	0	0	2	34	20	3	2	0	0	0	0			
07:00	157	32.1	28.1	4.1	0	0	3	26	86	35	6	1	0	0	0	0			
08:00	287	30.9	26.7	4.1	0	1	20	47	180	32	7	0	0	0	0	0			
09:00	293	30.1	26.5	3.5	1	1	10	61	180	27	1	0	0	0	0	0			
10:00	275	30.2	25.8	4.2	1	3	16	80	146	25	4	0	0	0	0	0			
11:00	273	30.7	27.0	3.6	0	2	6	54	174	32	5	0	0	0	0	0			
12:00	322	29.5	26.0	3.4	0	1	8	105	182	24	2	0	0	0	0	0			
13:00	308	30.3	26.6	3.5	2	0	4	74	196	29	3	0	0	0	0	0			
14:00	304	30.9	26.6	4.1	1	1	10	83	161	44	2	2	0	0	0	0			
15:00	355	29.4	25.5	3.8	3	0	17	121	190	24	0	0	0	0	0	0			
16:00	406	30.4	26.9	3.3	0	0	8	74	249	34	2	1	0	0	0	0			
17:00	418	31.5	27.3	4.1	5	3	8	62	256	82	2	0	0	0	0	0			
18:00	308	31.1	27.6	3.4	0	1	6	44	197	57	3	0	0	0	0	0			
19:00	238	31.5	27.9	3.5	0	0	3	38	137	58	1	0	0	0	0	0			
20:00	161	32.2	28.3	3.8	0	1	0	19	98	39	3	0	1	0	0	0			
21:00	129	31.1	27.3	3.6	0	1	1	24	82	19	3	0	0	0	0	0			
22:00	72	33.8	28.8	4.9	0	0	1	12	36	16	6	0	1	0	0	0			
23:00	43	32.9	28.9	3.8	0	0	0	4	25	11	1	1	0	0	0	0			
Total	2918	30.5	26.4	4.0	1	5	22	134	320	57	9	0	0	0	0	0			
2H(14-16)	659	30.1	26.0	4.0	4	1	27	204	331	68	2	2	0	0	0	0			
12H(7-19)	2706	30.6	26.7	3.8	13	13	114	851	2209	465	38	3	0	0	0	0			
24H(0-24)	4480	31.0	27.0	3.9	16	15	119	954	2637	645	64	7	2	1	0	0			
AM Peak	09:00	04:00	04:00	03:00	02:00	10:00	08:00	10:00	09:00	07:00	08:00	06:00	00:00	04:00	00:00	00:00			
	293	45.9	33.5	12.4	1	3	20	80	192	35	7	2	0	1	0	0			
PM Peak	17:00	22:00	23:00	22:00	17:00	17:00	15:00	15:00	17:00	17:00	22:00	14:00	20:00	12:00	12:00	12:00			
	418	33.8	28.9	4.9	5	3	17	121	256	82	6	2	1	0	0	0			

360 TSL Ltd

Direction: Eastbound

Hour Beginning	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 10-19m	Bin 2 19-15	Bin 3 15-20	Bin 4 20-25	Bin 5 25-30	Bin 6 30-35	Bin 7 35-40	Bin 8 40-45	Bin 9 45-50	Bin 10 50-55	Bin 11 55-60	Bin 12 60-69			
00:00	13	35.1	30.6	4.3	0	0	0	0	7	5	0	1	0	0	0	0			
01:00	2	28.7	25.0	3.5	0	0	0	0	1	0	0	0	0	0	0	0			
02:00	5	31.2	27.5	3.5	0	0	0	1	3	1	0	0	0	0	0	0			
03:00	10	34.5	31.0	3.4	0	0	0	0	4	1	0	0	0	0	0	0			
04:00	14	37.0	30.7	6.1	0	0	1	1	4	4	4	0	0	0	0	0			
05:00	11	35.4	28.9	3.6	1	0	0	5	20	17	4	0	0	0	0	0			
06:00	151	33.6	29.7	3.8	0	0	0	11	76	52	11	1	0	0	0	0			
07:00	164	32.0	28.6	3.3	0	0	2	33	213	99	6	1	0	0	0	0			
08:00	464	30.2	26.4	3.6	1	1	8	139	255	58	1	0	0	0	0	0			
09:00	313	30.1	26.3	3.6	1	1	5	93	180	30	3	0	0	0	0	0			
10:00	355	29.8	26.1	3.5	1	1	11	95	199	27	1	0	0	0	0	0			
11:00	336	29.9	26.1	3.7	0	0	10	120	166	37	3	0	0	0	0	0			
12:00	341	29.2	25.7	3.4	1	0	8	126	181	25	0	0	0	0	0	0			
13:00	356	29.8	26.3	3.4	0	0	6	104	198	22	6	0	0	0	0	0			
14:00	331	29.3	26.1	3.1	0	0	6	104	199	21	1	0	0	0	0	0			
15:00	362	29.2	25.2	3.7	1	0	15	162	153	28	1	0	0	0	0	0			
16:00	362	30.5	26.9	3.5	0	0	6	91	212	48	5	0	0	0	0	0			
17:00	366	30.4	26.7	3.6	2	0	6	6	242	36	4	0	0	0	0	0			
18:00	253	30.9	27.6	3.2	0	0	0	44	164	41	4	0	0	0	0	0			
19:00	208	30.9	27.1	3.7	0	0	0	8	38	130	28	4	0	0	0	0			
20:00	175	31.0	27.5	3.3	0	0	3	18	79	75	0	0	0	0	0	0			
21:00	99	32.9	28.1	4.7	2	0	0	13	58	20	6	0	0	0	0	0			
22:00	49	34.3	28.3	4.8	0	1	1	7	24	18	1	1	0	0	0	0			
23:00	17	38.3	31.6	6.4	0	0	0	1	8	4	2	1	1	0	0	0			
Total	2710	29.8	26.1	3.6	1	1	21	235	365	64	4	0	0	0	0	0			
2H(14-16)	662	29.2	25.6	3.5	1	1	21	266	332	49	2	0	0	0	0	0			
12H(7-19)	4154	30.2	26.5	3.6	7	6	83	1189	2360	472	36	1	0	0	0	0			
24H(0-24)	4098	30.7	26.8	3.8	10	7	96	1380	2734	651	74	5	1	0	0	0			
AM Peak	08:00	04:00	03:00	04:00	05:00	08:00	10:00	08:00	08:00	07:00	06:00	00:00	00:00	00:00	00:00	00:00			
	464	37.0	31.8	6.1	1	1	11	139	255	58	1	1	0	0	0	0			
PM Peak	17:00	22:00	23:00	22:00	17:00	17:00	15:00	15:00	17:00	16:00	13:00	22:00	33:00	12:00	12:00	12:00			
	368	38.3	32.6	6.4	2	2	15	162	320	48	6	1	1	0	0	0			

360 TSL Ltd

Direction: Total Flow

Hour	Total	ESD	Mean	Standard	Bin 1	Bin 2	Bin 3	Bin 4	Bin 5	Bin 6	Bin 7	Bin 8	Bin 9	Bin 10	Bin 11	Bin 12
Beginning	Volume	Percentage	Average	Deviation	10-19m	19-25	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60-69	
00:00	47	33.7	29.7	3.9	0	0	0	2	27	14	3	1	0	0	0	
01:00	11	35.1	30.2	4.7	0	0	0	0	1	5	3	2	0	0	0	
02:00	9	32.6	25.3	7.0	1	0	0	0	1	4	1	0	0	0	0	
03:00	14	36.7	29.3	7.1	1	0	0	0	6	5	2	0	0	0	0	
04:00	19	39.5	31.4	7.7	0	0	0	1	2	6	4	1	0	0	0	
05:00	64	35.6	30.1	5.3	1	0	0	0	6	25	22	9	1	0	0	
06:00	213	33.9	29.7	7.2	1	0	0	13	110	72	14	1	0	0	0	
07:00	511	32.1	28.4	3.6	0	5	59	299	134	12						
08:00	751	30.5	26.5	3.8	1	2	28	186	435	90	9					
09:00	860	30.1	26.6	2.2	2	2	33	217	515	90	9					
10:00	630	30.0	26.0	3.9	2	4	24	174	375	52	5					
11:00	600	30.5	27.7	3.7	0	0	0	0	0	0	0	24	68	34	6	
12:00	663	29.4	25.9	3.4	1	1	16	212	363	49	2	0	0	0	0	
13:00	644	30.0	26.4	3.5	2	0	10	178	394	51	9	0	0	0	0	
14:00	581	30.3	28.6	3.6	1	1	16	187	346	51	9	0	0	0	0	
15:00	716	29.2	25.3	3.7	4	1	32	283	343	52	1	0	0	0	0	
16:00	659	29.9	26.4	3.4	0	0	12	221	358	51	9	0	0	0	0	
17:00	786	31.0	27.0	3.9	7	5	14	140	406	118	6	0	0	0	0	
18:00	816	31.6	27.6	3.6	0	6	16	148	406	118	6	0	0	0	0	
19:00	866	31.7	27.7	3.6	0	6	16	148	406	118	6	0	0	0	0	
20:00	446	31.2	27.5	3.6	0	0	11	76	267	86	6	0	0	0	0	
21:00	266	31.7	28.0	3.6	0	1	3	37	177	64	1	0	0	0	0	
22:00	218	31.7	27.7	4.1	2	1	1	37	139	34	3	0	0	0	0	
23:00	121	34.0	29.0	4.8	0	0	2	14	40	34	8	1	1	0	0	
24:00	60	34.7	29.7	4.8	0	0	0	1	5	34	15	3	2	1	0	0
Total																
2020-12	1229	30.1	26.2	3.8	2	6	43	349	685	117	4	0	0	0	0	
2021-01	1311	29.7	25.8	3.7	5	5	2	48	470	700	121	4	2	0	0	0
2021-02	1243	30.6	26.7	3.7	2	20	19	187	507	197	74	4	0	0	0	0
2021-03	938	30.8	26.9	3.9	26	22	215	2234	5431	1296	136	12	3	1	0	0
AHPM 2400																
00:00	04:00	04:00	04:00	04:00	09:00	10:00	10:00	08:00	08:00	08:00	08:00	08:00	08:00	08:00	08:00	08:00
780	147	23.00	21.9	1.7	17:00	17:00	15:00	15:00	17:00	17:00	13:00	14:00	10:00	12:00	12:00	12:00
780	147	23.0	21.9	1.8	17:00	17:00	15:00	15:00	17:00	17:00	13:00	14:00	10:00	12:00	12:00	12:00



North Wales ATC 10, A547 Bridge Street

Direction: Westbound

29/04/2022																	
Hour Beginning	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-15	Bin 3 15-20	Bin 4 20-25	Bin 5 25-30	Bin 6 30-35	Bin 7 35-40	Bin 8 40-45	Bin 9 45-50	Bin 10 50-55	Bin 11 55-60	Bin 12 >60	
00:00	18	35.1	26.1	6.8	0	1	0	1	10	2	0	0	0	0	0	0	
01:00	10	34.4	30.0	4.2	0	0	0	1	4	4	1	0	0	0	0	0	
02:00	7	35.3	26.1	8.8	0	0	0	0	5	0	1	0	0	0	0	0	
03:00	3	37.1	29.2	7.6	0	0	0	0	1	1	0	1	0	0	0	0	
04:00	5	43.2	34.5	8.4	0	0	0	0	2	1	1	1	0	0	0	0	
05:00	13	34.8	29.4	5.2	0	0	0	0	2	4	1	0	0	0	0	0	
06:00	50	33.4	28.5	4.7	0	0	2	5	30	8	4	1	0	0	0	0	
07:00	181	33.2	28.4	4.7	1	0	3	31	116	42	7	0	0	0	0	1	
08:00	328	30.8	26.0	4.6	2	12	9	75	195	30	4	1	0	0	0	0	
09:00	301	31.0	27.4	3.5	0	1	3	58	186	48	5	0	0	0	0	0	
10:00	331	30.6	26.7	3.7	2	2	4	72	206	41	2	0	0	0	0	0	
11:00	356	30.1	25.8	4.2	2	8	16	92	205	33	0	0	0	0	0	0	
12:00	346	29.5	25.0	4.3	4	6	6	71	121	170	24	0	0	0	0	0	
13:00	358	29.6	25.4	4.1	3	2	21	122	184	24	2	0	0	0	0	0	
14:00	409	28.9	25.5	3.3	0	9	1	172	200	27	1	0	0	0	0	0	
15:00	367	28.8	25.9	3.7	2	0	14	114	204	31	2	0	0	0	0	0	
16:00	400	28.0	28.4	8.4	34	71	28	79	121	24	0	0	0	0	0	0	
17:00	323	23.5	14.6	7.6	144	61	31	39	38	10	0	0	0	0	0	0	
18:00	345	31.3	27.5	3.7	0	0	8	62	205	63	7	0	0	0	0	0	
19:00	307	31.6	27.3	4.1	1	2	7	59	172	60	6	0	0	0	0	0	
20:00	259	31.3	27.3	3.9	0	5	3	39	165	43	4	0	0	0	0	0	
21:00	153	31.2	27.3	3.8	0	0	3	31	95	19	4	1	0	0	0	0	
22:00	87	31.6	27.8	3.7	0	1	1	10	57	16	2	0	0	0	0	0	
23:00	50	32.3	28.6	3.5	0	0	0	5	32	10	3	0	0	0	0	0	
Total																	
201614-121	687	30.4	26.2	4.0	4	10	22	164	411	74	2	0	0	0	0	0	
201614-116	776	29.4	25.7	3.5	2	0	23	286	404	58	3	0	0	0	0	0	
12047-110	4075	31.0	24.6	8.2	254	183	189	2027	2030	397	33	1	0	0	0	1	
24003-240	6037	31.4	25.2	6.0	256	172	185	1183	2609	564	60	6	1	0	0	1	
AM Peak																	
11:00	04:00	04:00	02:00	08:00	08:00	11:00	11:00	10:00	09:00	07:00	00:00	04:00	00:00	00:00	07:00	07:00	
366	43.2	34.5	8.8	2	12	16	92	206	48	7	2	1	0	0	1	0	
PM Peak																	
16:00	23:00	23:00	16:00	17:00	16:00	17:00	14:00	18:00	18:00	18:00	21:00	12:00	12:00	12:00	12:00	12:00	
420	32.3	28.6	8.4	144	71	31	172	205	63	7	1	0	0	0	0	0	

360 TSL Ltd

Direction: Eastbound

Hour	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-15	Bin 3 15-20	Bin 4 20-25	Bin 5 25-30	Bin 6 30-35	Bin 7 35-40	Bin 8 40-45	Bin 9 45-50	Bin 10 50-55	Bin 11 55-60	Bin 12 >60
00:00	16	34.8	28.4	6.1	0	1	0	2	7	4	2	0	0	0	0	0
01:00	7	35.0	31.1	3.8	0	0	0	0	3	1	1	0	0	0	0	0
02:00	4	31.7	27.5	4.1	0	0	0	1	2	1	0	0	0	0	0	0
03:00	6	38.4	34.2	4.1	0	0	0	0	1	2	3	1	0	0	0	0
04:00	9	37.7	32.5	5.0	0	0	0	0	3	4	1	1	0	0	0	0
05:00	59	36.4	31.0	5.2	0	0	1	1	29	14	9	2	1	0	0	0
06:00	144	34.9	30.7	4.1	0	1	4	10	63	15	2	0	0	0	0	0
07:00	351	32.7	29.0	3.6	0	0	2	31	197	106	14	1	0	0	0	0
08:00	413	31.0	27.4	3.4	0	1	4	76	249	79	7	0	0	0	0	0
09:00	321	30.5	26.7	3.6	0	1	8	74	200	31	4	1	0	0	0	0
10:00	356	30.1	26.2	3.8	0	2	19	94	213	36	1	0	0	0	0	0
11:00	330	29.4	26.1	3.2	0	1	4	110	189	25	1	0	0	0	0	0
12:00	380	29.2	25.3	3.8	0	3	22	153	181	30	1	0	0	0	0	0
13:00	403	29.0	25.8	3.2	0	6	155	219	20	1	0	0	0	0	0	0
14:00	375	29.0	25.8	3.0	0	0	7	129	220	19	0	0	0	0	0	0
15:00	369	29.2	25.3	3.7	1	2	10	160	169	23	4	0	0	0	0	0
16:00	361	30.2	25.5	4.5	3	1	25	131	152	45	4	0	0	0	0	0
17:00	299	30.2	25.5	4.5	3	1	18	107	136	27	7	0	0	0	0	0
18:00	290	30.3	27.0	3.4	0	0	7	58	186	35	4	0	0	0	0	0
19:00	214	31.4	27.2	4.0	0	1	7	46	112	45	3	0	0	0	0	0
20:00	158	31.8	26.9	3.7	0	1	46	82	144	3	0	0	0	0	0	0
21:00	118	31.2	27.2	3.9	0	0	2	26	73	12	4	1	0	0	0	0
22:00	74	31.2	28.1	3.9	0	0	0	8	39	23	1	1	0	0	0	0
23:00	27	32.7	28.2	4.3	0	0	0	7	10	9	1	0	0	0	0	0
Total																
2015-12-12	696	29.8	26.1	3.5	0	3	23	204	402	61	2	1	0	0	0	0
2015-12-13	744	29.1	25.6	3.4	0	1	2	17	289	389	43	3	1	0	0	0
2015-12-14	700	30.0	26.3	3.7	0	12	14	134	378	478	45	4	1	0	0	0
2015-12-15	700	30.0	26.3	3.7	0	12	14	134	378	478	45	4	1	0	0	0
Average	3104	30.8	26.6	4.0	0	7	15	145	1421	2711	684	90	10	1	0	0
PM Peak	10:00	13:00	16:00	19:00	22:00	10:00	10:00	10:00	10:00	10:00	10:00	10:00	10:00	10:00	10:00	10:00
PM Peak	41.03	22.09	27.99	16.96	16.60	12.00	16.60	15.00	14.00	16.00	17.00	21.00	13.00	13.00	12.00	12.00
Average	40.03	33.12	29.13	4.15	3	3	35	305	2020	45	7	1	0	0	0	0



North Wales ATC 10, A547 Bridge Street

Direction: Westbound

30/04/2022																
Hour Beginning	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-15	Bin 3 15-20	Bin 4 20-25	Bin 5 25-30	Bin 6 30-35	Bin 7 35-40	Bin 8 40-45	Bin 9 45-50	Bin 10 50-55	Bin 11 55-60	Bin 12 >=60
00:00	26	34.7	30.9	4.5	0	0	0	2	13	8	2	1	0	0	0	0
01:00	15	34.1	28.5	5.4	0	0	0	4	6	4	0	1	0	0	0	0
02:00	12	35.7	31.3	4.3	0	0	0	0	0	5	6	0	0	0	0	0
03:00	8	32.9	25.6	7.0	1	0	0	2	4	0	1	0	0	0	0	0
04:00	11	30.7	31.6	4.9	0	0	0	0	5	4	1	1	0	0	0	0
05:00	10	30.9	28.0	2.8	0	0	0	1	7	7	0	0	0	0	0	0
06:00	32	34.5	30.3	4.0	0	0	0	1	16	12	2	1	0	0	0	0
07:00	47	33.4	28.1	5.1	2	0	3	8	47	22	5	0	0	0	0	0
08:00	177	32.0	28.3	3.6	0	0	4	19	103	48	1	0	0	0	0	0
09:00	276	31.1	27.2	3.8	0	3	5	52	168	43	0	0	0	0	0	0
10:00	309	30.1	26.0	4.0	1	5	7	95	169	30	2	0	0	0	0	0
11:00	310	28.9	24.5	4.2	1	4	35	121	128	21	0	0	0	0	0	0
12:00	281	19.6	12.8	6.5	154	42	32	36	14	3	0	0	0	0	0	0
13:00	302	30.4	25.2	5.0	4	11	22	80	150	34	1	0	0	0	0	0
14:00	335	30.3	27.1	5.1	0	0	5	57	216	34	3	0	0	0	0	0
15:00	333	30.3	26.4	3.8	0	3	11	87	193	35	3	0	0	0	0	0
16:00	280	31.2	27.4	4.6	0	1	3	54	174	42	5	0	0	0	0	0
17:00	310	31.0	26.2	4.7	4	7	14	63	180	39	3	0	0	0	0	0
18:00	261	30.5	25.9	4.4	4	2	9	77	135	34	0	0	0	0	0	0
19:00	226	30.7	26.7	3.8	0	1	4	60	130	26	4	1	0	0	0	0
20:00	165	31.5	27.4	4.0	0	1	4	28	100	30	1	0	1	0	0	0
21:00	91	31.1	27.6	3.4	0	0	0	17	59	12	3	0	0	0	0	0
22:00	76	32.4	27.9	4.4	0	0	2	11	48	11	3	0	1	0	0	0
23:00	34	33.8	29.1	4.6	0	1	0	2	17	12	2	0	0	0	0	0
Total	619	29.6	25.2	4.2	2	9	42	216	297	51	2	0	0	0	0	0
2H(14-16)	648	30.1	26.7	3.5	0	3	16	144	409	70	6	0	0	0	0	0
12H(7-19)	1441	31.3	25.2	5.9	170	78	150	749	1677	386	30	1	0	0	0	0
24H(0-24)	1947	31.5	25.6	5.7	170	82	160	877	2067	513	49	7	2	0	0	0
AM Peak	11:00	04:00	04:00	03:00	07:00	10:00	11:00	11:00	10:00	08:00	07:00	06:00	05:00	04:00	03:00	00:00
	310	36.7	31.6	7.8	2	5	35	121	169	48	5	1	0	0	0	0
PM Peak	15:00	23:00	23:00	12:00	12:00	12:00	12:00	15:00	14:00	16:00	16:00	16:00	20:00	12:00	12:00	12:00
	333	33.8	29.1	6.5	154	42	32	87	216	42	5	1	1	0	0	0

360 TSL Ltd

Direction: Eastbound

Hour	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-15	Bin 3 15-20	Bin 4 20-25	Bin 5 25-30	Bin 6 30-35	Bin 7 35-40	Bin 8 40-45	Bin 9 45-50	Bin 10 50-55	Bin 11 55-60	Bin 12 >=60
00:00	18	33.8	29.7	3.9	0	0	0	2	7	8	1	0	0	0	0	0
01:00	16	39.6	31.9	7.5	0	0	1	1	5	4	3	1	0	0	0	0
02:00	10	34.9	30.5	4.2	0	0	0	1	3	5	1	0	0	0	0	0
03:00	10	31.3	26.5	4.6	0	0	1	2	5	2	0	0	0	0	0	0
04:00	10	36.9	29.5	5.1	0	1	0	0	4	3	2	0	0	0	0	0
05:00	36	33.3	29.3	3.8	0	0	0	4	17	13	2	0	0	0	0	0
06:00	73	35.7	30.8	4.7	0	0	0	4	34	26	11	3	0	0	0	0
07:00	135	33.7	29.4	4.2	0	0	2	13	64	46	9	1	0	0	0	0
08:00	232	32.8	26.8	3.6	0	0	2	20	126	75	8	1	0	0	0	0
09:00	272	30.7	27.2	3.4	0	1	3	53	171	42	2	0	0	0	0	0
10:00	349	30.5	26.7	3.6	0	9	9	92	192	53	2	0	0	0	0	0
11:00	367	29.0	25.6	3.2	0	0	12	133	203	18	1	0	0	0	0	0
12:00	298	28.5	24.6	3.8	2	2	16	140	126	11	1	0	0	0	0	0
13:00	379	29.4	25.9	3.4	0	4	9	116	211	18	0	1	0	0	0	0
14:00	343	29.2	25.8	3.3	0	1	8	123	187	24	0	0	0	0	0	0
15:00	345	29.3	25.4	3.8	1	3	14	134	166	27	0	0	0	0	0	0
16:00	360	30.7	27.0	3.5	0	0	6	87	206	58	3	0	0	0	0	0
17:00	310	29.5	26.0	3.4	0	0	9	104	169	28	0	0	0	0	0	0
18:00	296	29.3	26.4	3.3	0	0	9	75	184	26	2	0	0	0	0	0
19:00	192	30.6	26.5	3.9	0	1	5	56	102	26	1	1	0	0	0	0
20:00	132	32.4	27.8	4.5	0	0	5	23	71	29	2	1	1	0	0	0
21:00	107	31.9	27.6	4.1	0	0	1	25	57	19	4	1	0	0	0	0
22:00	81	32.2	28.1	4.0	0	0	1	13	49	12	1	0	0	0	0	0
23:00	50	33.5	28.9	4.8	0	0	0	10	21	16	2	0	1	0	0	0
Total	715	29.8	26.2	3.5	0	0	21	225	395	71	3	0	0	0	0	0
2H(14-16)	688	29.2	25.6	3.5	1	4	22	237	333	51	0	0	0	0	0	0
12H(7-19)	1688	30.2	26.4	3.7	3	11	99	1090	2025	426	28	3	0	0	0	0
24H(0-24)	4420	30.7	26.6	3.9	3	13	113	1231	2480	584	63	30	1	0	0	0
AM Peak	11:00	01:00	01:00	01:00	00:00	04:00	11:00	11:00	11:00	08:00	06:00	06:00	01:00	00:00	00:00	00:00
	367	39.6	31.9	7.5	0	1	12	133	203	75	11	3	1	0	0	0
PM Peak	15:00	23:00	23:00	12:00	12:00	13:00	12:00	12:00	13:00	16:00	23:00	13:00	30:00	12:00	12:00	12:00
	379	33.5	29.9	4.8	2	4	16	169	221	58	6	1	1	0	0	0

360 TSL Ltd

Direction: Total Flow

Hour	Total Vol	ESD %	Mean Avg	Standard Deviation	Bin 1 <10mph	Bin 2 10-15	Bin 3 15-20	Bin 4 20-25	Bin 5 25-30	Bin 6 30-35	Bin 7 35-40	Bin 8 40-45	Bin 9 45-50	Bin 10 50-55	Bin 11 55-60	Bin 12 >=60
00:00	44	34.3	29.9	4.2	0	0	0	4	20	16	3	1	0	0	0	0
01:00	31	37.2	30.2	6.7	0	0	1	5	11	8	3	2	1	0	0	0
02:00	22	35.1	30.9	4.2	0	0	0	1	8	11	1	1	0	0	0	0
03:00	18	32.0	26.1	5.6	0	1	1	4	9	2	1	0	0	0	0	0
04:00	21	36.8	30.6	4.0	0	1	0	0	0	7	3	1	0	0	0	0
05:00	46	32.8	29.0	3.6	0	0	0	5	24	15	2	0	0	0	0	0
06:00	105	31.5	30.6	4.5	0	0	0	5	30	33	13	4	0	0	0	0
07:00	222	31.6	28.9	4.6	2	2	0	5	71	111	68	14	1	0	0	0
08:00	409	32.5	28.7	3.6	0	0	6	39	229	123	11	1	0	0	0	0
09:00	548	30.9	27.2	3.6	0	4	8	105	339	85	7	0	0	0	0	0
10:00	657	30.3	26.4	3.8	1	5	16	187	361	83	4	0	0	0	0	0
11:00	677	29.2	25.1	3.8	1	4	47	254	211	39	1	0	0	0	0	0
12:00	579	27.1	18.9	7.9	156	44	48	176	140	14	1	0	0	0	0	0
13:00	681	29.9	25.6	4.2	4	15	31	196	280	54	1	1	0	0	0	0
14:00	658	29.8	26.4	3.3	0	1	13	189	403	58	3	0	0	0	0	0
15:00	678	29.8	25.8	3.8	1	6	25	221	359	63	3	0	0	0	0	0
16:00	640	30.3	27.2	3.6	0	0	9	141	380	100	8	1	0	0	0	0
17:00	620	30.3	26.1	4.1	4	7	23	187	349	67	3	0	0	0	0	0
18:00	557	30.2	26.2	3.9	4	2	18	152	319	60	2	0	0	0	0	0
19:00	418	30.6	26.6	3.9	0	2	9	116	232	52	5	2	0	0	0	0
20:00	297	31.9	27.6	4.2	0	1	9	51	171	59	3	1	2	0	0	0
21:00	198	31.5	27.6	3.8	0	0	1	42	116	31	7	1	0	0	0	0
22:00	157	32.3	28.0	4.2	0	0	3	24	97	23	9	0	1	0	0	0
23:00	84	33.5	29.0	4.7	0	1	0	12	38	28	4	0	1	0	0	0
Total	29612															
29612-13	1334	28.7	25.7	3.8	2	9	63	441	692	122	5	0	0	0	0	0
29613-14	1336	29.8	26.1	3.6	1	7	38	401	762	121	6	0	0	0	0	0
29614-15	1338	30.1	25.8	4.0	0	17	89	349	817	118	4	0	0	0	0	0
29615-16	1367	31.2	26.2	4.9	3	75	95	273	2108	482	109	112	17	5	0	0
Amp Hour	11:00	61:00	62:00	63:00	64:00	65:00	66:00	67:00	68:00	69:00	70:00	71:00	72:00	73:00	74:00	75:00
PMF Peak	181	185	210	216	220	226	232	236	241	245	249	253	257	261	265	269
	181	185	210	216	220	226	232	236	241	245	249	253	257	261	265	269



North Wales ATC 10, A547 Bridge Street

01/05/2022															
Hour Beginning	Total Volume	ECN Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-15	Bin 3 15-20	Bin 4 20-25	Bin 5 25-30	Bin 6 30-35	Bin 7 35-40	Bin 8 40-45	Bin 9 45-50	Bin 10 50-55	Bin 12 >=60
00:00	29	32.4	26.5	4.1	0	0	0	0	12	10	0	0	0	0	0
01:00	23	33.2	28.4	4.7	0	0	1	3	12	5	2	0	0	0	0
02:00	10	20.9	27.0	2.8	0	0	0	2	7	1	4	0	0	0	0
03:00	9	31.4	30.8	2.5	0	0	0	0	3	6	0	0	0	0	0
04:00	11	39.5	33.4	5.8	0	0	0	1	2	3	4	1	0	0	0
05:00	5	27.5	27.5	0.0	0	0	0	0	5	0	0	0	0	0	0
06:00	15	34.5	30.2	4.2	0	0	0	1	7	5	2	0	0	0	0
07:00	14	34.3	29.5	4.6	0	0	0	4	10	17	6	0	0	0	0
08:00	83	32.7	28.6	3.9	0	0	2	8	46	23	4	0	0	0	0
09:00	128	31.1	27.0	3.9	1	1	2	24	79	20	1	0	0	0	0
10:00	241	30.7	27.0	3.6	1	0	2	55	144	37	2	0	0	0	0
11:00	285	30.5	26.9	3.5	2	0	4	58	187	31	3	0	0	0	0
12:00	271	28.6	21.0	7.4	43	20	28	82	84	14	0	0	0	0	0
13:00	345	29.6	25.8	3.7	0	5	9	112	196	21	1	1	0	0	0
14:00	341	29.7	26.2	3.4	0	2	8	98	204	27	2	0	0	0	0
15:00	299	30.2	26.3	3.8	1	4	2	84	176	29	3	0	0	0	0
16:00	274	30.5	27.0	3.4	0	0	1	56	162	38	4	0	0	0	0
17:00	211	30.3	26.6	3.7	0	2	8	41	134	25	1	0	0	0	0
18:00	163	31.0	26.7	4.1	1	2	3	39	90	27	1	0	0	0	0
19:00	154	30.6	26.8	3.7	0	2	2	35	91	24	0	0	0	0	0
20:00	145	31.5	27.8	3.6	0	0	1	26	83	32	3	0	0	0	0
21:00	93	31.6	27.1	4.3	0	0	6	16	53	16	1	1	0	0	0
22:00	67	31.7	28.2	3.4	0	0	0	9	42	14	2	0	0	0	0
23:00	35	32.6	27.9	3.9	0	0	0	7	20	6	2	0	0	0	0
Total															
2H(0-12)	526	30.6	26.9	3.5	3	0	6	113	331	68	5	0	0	0	0
2H(14-16)	640	30.0	26.3	3.6	1	6	10	182	380	56	5	0	0	0	0
12H(7-19)	2605	30.9	26.1	4.6	49	37	89	674	1548	309	28	1	0	0	0
24H(0-24)	2291	31.1	26.4	4.3	49	39	79	780	1805	431	45	3	0	0	0
AM Peak	11:00	04:00	04:00	04:00	11:00	07:00	11:00	11:00	11:00	10:00	07:00	04:00	00:00	00:00	00:00
	285	38.5	33.4	5.8	2	1	4	58	187	37	6	1	0	0	0
PM Peak	13:00	23:00	22:00	12:00	12:00	12:00	13:00	14:00	16:00	16:00	13:00	12:00	12:00	12:00	12:00
	345	32.6	28.2	7.4	43	20	28	112	204	38	4	1	0	0	0

360 TSL Ltd

Direction: Eastbound

Hour Beginning	Total Volume	ECN Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-15	Bin 3 15-20	Bin 4 20-25	Bin 5 25-30	Bin 6 30-35	Bin 7 35-40	Bin 8 40-45	Bin 9 45-50	Bin 10 50-55	Bin 11 55-60	Bin 12 >=60
00:00	21	32.7	28.5	4.1	0	0	0	4	10	6	1	0	0	0	0	0
01:00	14	31.1	28.7	4.3	0	0	0	7	14	11	2	0	0	0	0	0
02:00	8	35.5	29.4	5.9	0	0	0	2	3	1	2	0	0	0	0	0
03:00	7	31.8	32.2	3.5	0	0	0	1	4	1	4	0	0	0	0	0
04:00	12	36.7	31.3	5.3	0	0	0	2	2	5	3	0	0	0	0	0
05:00	22	35.2	29.3	5.5	0	0	0	0	14	0	1	0	0	0	0	0
06:00	14	35.4	30.0	5.3	0	0	0	5	15	7	6	1	0	0	0	0
07:00	66	34.2	29.8	4.3	0	1	0	2	35	22	5	1	0	0	0	0
08:00	116	32.8	28.8	3.9	0	1	12	12	66	29	8	0	0	0	0	0
09:00	225	31.9	27.7	4.0	0	5	2	28	135	52	3	0	0	0	0	0
10:00	382	30.1	26.7	3.3	0	0	2	108	226	42	4	0	0	0	0	0
11:00	359	30.1	26.6	3.3	1	1	2	95	221	37	2	0	0	0	0	0
12:00	299	28.9	25.7	4.1	3	3	4	76	134	18	1	0	0	0	0	0
13:00	374	29.0	26.2	3.5	0	2	4	124	204	37	1	0	0	0	0	0
14:00	341	29.9	26.2	3.6	2	0	10	95	205	27	2	0	0	0	0	0
15:00	334	30.1	26.4	3.6	0	3	1	106	184	39	0	1	0	0	0	0
16:00	285	30.9	27.4	3.3	0	0	0	1	58	173	50	3	0	0	0	0
17:00	266	29.8	26.9	3.4	0	0	0	3	96	160	23	2	1	0	0	0
18:00	203	30.3	26.9	3.3	0	0	1	62	162	24	3	1	0	0	0	0
19:00	210	31.1	27.5	3.5	0	0	1	42	129	32	6	0	0	0	0	0
20:00	206	33.6	31.7	3.8	0	1	1	76	73	33	7	0	0	0	0	0
21:00	91	32.1	27.8	4.2	0	0	2	20	43	23	3	0	0	0	0	0
22:00	59	32.6	28.8	3.7	0	0	1	5	31	18	1	0	0	0	0	0
23:00	27	38.2	32.1	6.8	0	0	0	2	10	9	2	3	0	1	0	0
Total																
2H(0-12)	741	30.1	26.6	3.3	1	1	4	203	447	79	6	0	0	0	0	0
2H(14-16)	879	30.0	26.3	3.6	2	3	11	201	389	66	2	1	0	0	0	0
12H(7-19)	3260	30.5	26.7	3.6	6	15	33	856	1930	400	36	4	0	0	0	0
24H(0-24)	3021	30.9	27.0	3.8	6	17	38	972	2258	554	66	9	0	1	0	0
AM Peak	10:00	04:00	04:00	02:00	11:00	09:00	09:00	10:00	10:00	09:00	08:00	05:00	00:00	00:00	00:00	00:00
	382	36.7	31.3	5.9	1	5	2	108	226	52	6	1	0	0	0	0
PM Peak	13:00	23:00	23:00	12:00	12:00	13:00	14:00	16:00	16:00	13:00	12:00	12:00	12:00	12:00	12:00	12:00
	374	38.2	32.1	6.8	3	3	10	124	205	39	6	3	0	1	0	0

360 TSL Ltd

Direction: Total Flow

Hour	Total Volume	ECN Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-15	Bin 3 15-20	Bin 4 20-25	Bin 5 25-30	Bin 6 30-35	Bin 7 35-40	Bin 8 40-45	Bin 9 45-50	Bin 10 50-55	Bin 11 55-60	Bin 12 >=60
00:00	50	32.7	28.5	4.0	0	0	0	10	22	16	2	0	0	0	0	0
01:00	57	33.1	28.6	4.4	0	0	1	10	26	16	4	0	0	0	0	0
02:00	18	32.7	28.1	4.5	0	0	0	4	10	7	2	0	0	0	0	0
03:00	16	32.8	29.7	5.1	0	0	0	1	7	8	0	0	0	0	0	0
04:00	23	38.0	32.3	5.5	0	0	0	3	4	1	7	1	0	0	0	0
05:00	27	34.3	29.2	5.0	0	1	0	0	17	7	1	1	0	0	0	0
06:00	40	35.1	30.1	4.9	0	0	0	6	22	12	3	1	0	0	0	0
07:00	120	34.3	29.7	4.4	0	2	0	6	61	39	11	1	0	0	0	0
08:00	199	32.8	28.8	3.9	0	0	3	20	112	52	12	0	0	0	0	0
09:00	353	31.6	27.5	4.0	1	6	4	52	214	72	4	0	0	0	0	0
10:00	623	30.3	26.8	3.4	1	0	4	163	370	79	6	0	0	0	0	0
11:00	544	30.2	26.7	3.4	3	1	6	153	408	63	5	0	0	0	0	0
12:00	510	29.9	23.2	6.5	46	23	32	158	218	32	1	0	0	0	0	0
13:00	729	29.7	26.0	3.6	0	7	13	296	481	54	4	1	0	0	0	0
14:00	682	29.8	26.2	3.5	2	2	18	193	409	54	4	0	0	0	0	0
15:00	633	30.1	26.4	3.6	1	7	3	190	360	68	3	1	0	0	0	0
16:00	559	30.7	27.2	3.3	0	0	2	127	335	88	7	0	0	0	0	0
17:00	497	30.1	26.4	3.5	0	2	13	131	299	48	3	1	0	0	0	0
18:00	416	30.6	26.8	3.6	1	2	4	101	252	51	4	0	0	0	0	0
19:00	364	30.9	27.2	3.6	0	2	3	77	220	56	6	0	0	0	0	0
20:00	281	31.6	27.8	3.7	0	1	2	52	156	65	5	0	0	0	0	0
21:00	184	31.8	27.4	4.2	0	0	8	36	96	39	4	1	0	0	0	0
22:00	126	32.1	28.5	3.5	0	0	1	14	75	32	4	0	0	0	0	0
23:00	62	35.7	29.8	5.7	0	0	0	9	30	11	4	3	0	1	0	0
Total																
2H(0-12)	1267	30.3	26.8	3.4	4	1	10	316	778	147	11	0	0	0	0	0
2H(14-16)	1315	30.0	26.3	3.6	3	9	21	383	789	122	7	1	0	0	0	0
12H(7-19)	5	30.7	27.4	4.1	0	55	52	302	1027	144	64	0	0	0	0	0
A400-24	7122	31.0	26.7	4.1	55	56	127	1572	4233	985	111	12	0	1	0	0
PM Peak	1100	34.00	34.00	0.00	0.00	00.00	11.00	12.00	13.00	14.00	15.00	08.00	04.00	05.00	06.00	09.00
	644	38.8	32.3	5.5	3	6	6	183	408	79	12	1	0	0	0	0
PM Peak	1100	33.00	33.00	0.00	0.00	12.00	13.00	14.00	15.00	16.00	17.00	20.00	23.00	12.00	13.00	12.00
	644	38.8	32.3	5.5	3	6	6	183	408	79	12	1	0	0	0	0



North Wales ATC 10, A547 Bridge Street

Direction: Westbound																	02/05/2022				
Hour	Total Volume	ESD Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-15	Bin 3 15-20	Bin 4 20-25	Bin 5 25-30	Bin 6 30-35	Bin 7 35-40	Bin 8 40-45	Bin 9 45-50	Bin 10 50-55	Bin 11 55-60	Bin 12 >=60					
00:00	17	32.5	26.3	5.5	0	0	0	0	2	7	8	0	0	0	0	0					
01:00	11	31.6	28.0	3.5	0	0	0	0	2	6	3	0	0	0	0	0					
02:00	6	31.6	28.2	3.6	0	0	0	0	0	4	2	0	0	0	0	0					
03:00	8	38.0	32.5	5.3	0	0	0	0	0	4	0	4	0	0	0	0					
04:00	9	42.1	36.4	5.5	0	0	0	0	1	2	5	0	1	0	0	0					
05:00	9	29.8	26.4	3.3	0	0	0	3	5	1	0	0	0	0	0	0					
06:00	23	35.7	30.5	4.8	0	0	1	1	8	9	4	0	0	0	0	0					
07:00	58	35.0	29.1	5.7	0	1	0	10	24	20	2	1	0	0	1	0					
08:00	77	33.8	29.0	4.6	0	1	1	8	37	25	4	1	0	0	0	0					
09:00	141	31.7	27.6	3.9	0	2	4	15	91	26	3	0	0	0	0	0					
10:00	243	30.3	26.6	3.6	0	3	7	50	158	23	2	0	0	0	0	0					
11:00	280	30.3	26.1	4.1	2	6	6	79	174	28	1	0	0	0	0	0					
12:00	329	29.8	26.3	3.4	0	2	5	94	199	27	2	0	0	0	0	0					
13:00	300	30.1	26.4	3.6	0	3	6	73	193	23	1	0	0	0	0	0					
14:00	381	30.3	26.8	3.4	0	1	3	71	180	35	2	0	0	0	0	0					
15:00	253	30.0	26.9	3.0	0	0	2	54	172	22	3	0	0	0	0	0					
16:00	226	31.6	27.5	3.9	1	1	5	28	152	32	5	1	0	0	0	0					
17:00	231	31.2	27.6	3.4	0	0	6	28	157	36	3	1	0	0	0	0					
18:00	240	31.3	27.3	3.9	0	2	3	55	139	39	6	0	0	0	0	0					
19:00	159	30.7	27.1	3.5	0	0	4	28	84	22	1	0	0	0	0	0					
20:00	122	32.0	28.1	3.8	0	0	1	21	68	27	5	0	0	0	0	0					
21:00	81	32.0	27.3	4.5	0	1	2	18	42	14	4	0	0	0	0	0					
22:00	61	32.3	28.0	4.2	0	0	1	11	33	14	1	1	0	0	0	0					
23:00	18	32.4	28.6	3.7	0	0	0	1	6	11	6	0	0	0	0	0					
Total																					
2H(14-16)	533	30.3	26.3	3.9	2	9	13	123	332	51	3	0	0	0	0	0					
12H(7-19)	534	30.2	26.8	3.2	0	1	5	125	341	57	5	0	0	0	0	0					
24H(0-24)	2676	30.8	26.9	3.8	3	22	48	555	1665	336	35	4	1	1	0	0					
	1174	31.1	27.1	3.9	3	23	58	645	1038	464	59	5	2	1	0	0					
AM Peak	11:00	04:00	04:00	07:00	11:00	11:00	10:00	11:00	11:00	11:00	04:00	07:00	04:00	07:00	00:00	00:00					
	280	42.1	36.4	5.7	2	6	7	79	174	28	5	1	1	1	0	0					
PM Peak	12:00	23:00	23:00	21:00	16:00	13:00	13:00	12:00	12:00	18:00	16:00	16:00	13:00	12:00	12:00	12:00					
	329	32.4	28.6	4.5	1	3	6	94	189	27	6	1	1	0	0	0					

360 TSL Ltd

Direction: Eastbound

Hour	Total	ESD Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-15	Bin 3 15-20	Bin 4 20-25	Bin 5 25-30	Bin 6 30-35	Bin 7 35-40	Bin 8 40-45	Bin 9 45-50	Bin 10 50-55	Bin 11 55-60	Bin 12 >=60
00:00	17	36.9	31.6	5.1	0	0	0	8	6	5	2	0	0	0	0	0
01:00	14	32.2	28.6	3.5	0	0	0	2	7	1	0	0	0	0	0	0
02:00	14	35.2	29.3	5.8	0	0	0	3	6	3	1	1	0	0	0	0
03:00	10	34.5	31.0	3.4	0	0	0	0	4	1	0	0	0	0	0	0
04:00	14	37.3	30.0	7.0	0	1	0	0	7	3	2	1	0	0	0	0
05:00	26	31.1	29.2	3.7	0	0	0	2	15	7	2	0	0	0	0	0
06:00	52	35.1	31.1	3.9	0	0	0	1	21	23	6	1	0	0	0	0
07:00	99	35.5	30.1	5.2	0	1	3	5	40	38	9	2	1	0	0	0
08:00	452	33.2	28.9	3.2	0	0	0	11	101	46	1	0	0	0	0	0
09:00	320	30.7	27.5	3.1	0	0	3	52	208	56	1	0	0	0	0	0
10:00	369	29.9	26.4	3.4	0	1	8	107	233	43	0	0	0	0	0	0
11:00	432	29.8	26.3	3.4	0	0	12	125	253	41	0	1	0	0	0	0
12:00	426	29.8	26.0	3.7	0	3	12	141	230	38	1	0	1	0	0	0
13:00	380	29.7	26.2	3.4	0	1	8	118	215	37	1	0	0	0	0	0
14:00	428	29.3	25.5	3.7	0	3	16	161	222	23	2	0	1	0	0	0
15:00	391	29.5	26.4	3.4	0	4	123	229	29	5	1	0	0	0	0	0
16:00	389	30.2	26.8	3.3	1	1	5	85	252	44	1	0	0	0	0	0
17:00	359	30.5	27.4	3.1	0	2	64	237	34	2	0	0	0	0	0	0
18:00	270	31.7	27.4	4.1	0	0	8	59	138	61	2	1	1	0	0	0
19:00	207	30.5	27.1	3.3	0	0	3	43	130	30	1	0	0	0	0	0
20:00	135	31.9	27.9	3.9	0	1	24	78	29	2	0	1	0	0	0	0
21:00	101	32.0	27.6	4.2	0	1	1	17	63	14	4	1	0	0	0	0
22:00	58	34.3	29.1	5.1	0	0	1	5	37	8	1	1	1	0	0	0
23:00	38	31.6	28.0	3.4	0	0	0	18	5	1	0	0	0	0	0	0
Total																
2024-12-13	801	29.9	26.3	3.4	0	1	20	232	463	84	1	0	1	0	0	0
2024-12-14	819	29.9	26.9	3.6	0	3	20	284	451	52	7	0	1	0	0	0
2024-12-15	804	30.7	26.7	3.4	1	10	10	81	350	152	27	4	0	0	0	0
2024-12-16	4701	30.8	26.9	3.7	1	12	87	1132	2729	649	51	14	6	0	0	0
Average																
00:00	14.00	00.00	00.00	00.00	00.00	04.00	11.00	11.00	11.00	09.00	07.00	00.00	07.00	00.00	00.00	00.00
01:00	14.00	37.3	31.6	7.0	0	0	12	125	253	56	9	1	1	0	0	0
PM Peak																
16:00	22.00	22.00	22.00	16.00	12.00	14.00	14.00	14.00	23.00	23.00	18.00	15.00	22.00	12.00	12.00	12.00



North Wales ATC 10, A547 Bridge Street

Direction: Westbound

03/05/2022

Hour	Week	Total	P25	P50	P75	Standard Deviation	05/20/2025											
							06-10	10-15	15-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60-65
06:00	10	11.8	26.5	4.0	0	0	0	0	0	2	1	1	0	0	0	0	0	0
07:00	4	31.2	26.3	4.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:00	1	33.8	20.8	2.9	0	0	0	0	0	1	2	0	0	0	0	0	0	0
09:00	2	33.2	29.6	3.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10:00	5	34.1	29.5	4.5	0	0	0	0	0	1	1	0	0	0	0	0	0	0
11:00	8	32.5	28.8	3.5	0	0	0	0	0	0	1	1	2	0	0	0	0	0
12:00	63	33.8	29.3	4.3	0	1	0	0	0	5	31	21	0	0	0	0	0	0
13:00	2	33.0	29.0	3.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14:00	352	29.8	27.7	5.8	18	13	28	18	110	140	22	1	0	0	0	0	0	0
15:00	31.3	25.6	5.5	0	0	14	16	80	140	28	0	0	0	0	0	0	0	0
16:00	25.6	26.3	3.2	0	0	0	0	0	0	7	72	12	0	0	0	0	0	0
17:00	291	26.9	26.2	3.6	0	0	5	5	77	179	24	1	0	0	0	0	0	0
18:00	3	39.3	25.6	3.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19:00	291	29.6	25.4	8.1	2	4	14	97	155	157	2	0	0	0	0	0	0	0
20:00	10	30.0	26.6	3.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21:00	326	30.3	26.6	3.7	1	1	8	82	193	39	2	0	0	0	0	0	0	0
22:00	10	30.0	26.6	3.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23:00	1750	45.1	30.3	26.2	4.0	4	5	8	101	258	38	0	0	0	0	0	0	0
24:00	270	30.9	26.2	4.6	2	3	17	65	162	37	0	0	0	0	0	0	0	0
01:00	141	31.9	27.1	4.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	148	32.4	27.9	4.3	0	1	4	20	88	27	7	0	0	0	0	0	0	0
03:00	216	31.6	27.7	4.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	220	31.8	27.9	3.8	0	0	0	2	11	48	15	3	0	0	0	0	0	0
05:00	79	34.8	28.9	5.7	0	0	0	2	1	0	0	0	0	0	0	0	0	0
Total		100																
P25		567	29.8	26.2	3.4	0	0	5	12	154	351	42	3	0	0	0	0	0
P50		624	30.2	26.6	3.5	1	7	12	155	384	66	4	2	0	0	0	0	0
P75		1297	30.4	25.8	4.3	10	4	10	10	10	10	10	10	10	10	10	10	10
P90		4346	30.8	26.1	4.5	40	80	180	1098	2421	484	44	5	1	3	0	0	0
P95		100																
Pha Peak	08:00	20.00	21.00	08.00	5.8	08:00	09:00	10:00	11:00	12:00	13:00	14:00	07:00	09:00	09:00	09:00	09:00	09:00
Pha Peak	352	34.1	30.8	5.8				18	14	28	110	179	37	8	1	0	3	0
Pha Peak	16:00	21:00	21:00	21:00	21:00	16:00	16:00	16:00	17:00	17:00	19:00	20:00	17:00	21:00	12:00	12:00	12:00	12:00

360 TSL Ltd

Direction: Eastbound

[illegible]

360 TSL Ltd

Direction: Total Flow

Age-Group	Total	2015		2016		2017		2018		2019		2020		2021		2022		2023		2024		2025		2026		2027		2028		2029		2030		2031		2032		2033		2034		2035		2036		2037		2038		2039		2040		2041		2042		2043		2044		2045		2046		2047		2048		2049		2050		2051		2052		2053		2054		2055		2056		2057		2058		2059		2060		2061		2062		2063		2064		2065		2066		2067		2068		2069		2070		2071		2072		2073		2074		2075		2076		2077		2078		2079		2080		2081		2082		2083		2084		2085		2086		2087		2088		2089		2090		2091		2092		2093		2094		2095		2096		2097		2098		2099		2100		2101		2102		2103		2104		2105		2106		2107		2108		2109		2110		2111		2112		2113		2114		2115		2116		2117		2118		2119		2120		2121		2122		2123		2124		2125		2126		2127		2128		2129		2130		2131		2132		2133		2134		2135		2136		2137		2138		2139		2140		2141		2142		2143		2144		2145		2146		2147		2148		2149		2150		2151		2152		2153		2154		2155		2156		2157		2158		2159		2160		2161		2162		2163		2164		2165		2166		2167		2168		2169		2170		2171		2172		2173		2174		2175		2176		2177		2178		2179		2180		2181		2182		2183		2184		2185		2186		2187		2188		2189		2190		2191		2192		2193		2194		2195		2196		2197		2198		2199		2200		2201		2202		2203		2204		2205		2206		2207		2208		2209		2210		2211		2212		2213		2214		2215		2216		2217		2218		2219		2220		2221		2222		2223		2224		2225		2226		2227		2228		2229		2230		2231		2232		2233		2234		2235		2236		2237		2238		2239		2240		2241		2242		2243		2244		2245		2246		2247		2248		2249		2250		2251		2252		2253		2254		2255		2256		2257		2258		2259		2260		2261		2262		2263		2264		2265		2266		2267		2268		2269		2270		2271		2272		2273		2274		2275		2276		2277		2278		2279		2280		2281		2282		2283		2284		2285		2286		2287		2288		2289		2290		2291		2292		2293		2294		2295		2296		2297		2298		2299		2300		2301		2302		2303		2304		2305		2306		2307		2308		2309		2310		2311		2312		2313		2314		2315		2316		2317		2318		2319		2320		2321		2322		2323		2324		2325		2326		2327		2328		2329		2330		2331		2332		2333		2334		2335		2336		2337		2338		2339		2340		2341		2342		2343		2344		2345		2346		2347		2348		2349		2350		2351		2352		2353		2354		2355		2356		2357		2358		2359		2360		2361		2362		2363		2364		2365		2366		2367		2368		2369		2370		2371		2372		2373		2374		2375		2376		2377		2378		2379		2380		2381		2382		2383		2384		2385		2386		2387		2388		2389		2390		2391		2392		2393		2394		2395		2396		2397		2398		2399		2400	
		2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	2101	2102	2103	2104	2105	2106	2107	2108	2109	2110	2111	2112	2113	2114	2115	2116	2117	2118	2119	2120	2121	2122	2123	2124	2125	2126	2127	2128	2129	2130	2131	2132	2133	2134	2135	2136	2137	2138	2139	2140	2141	2142	2143	2144	2145	2146	2147	2148	2149	2150	2151	2152	2153	2154	2155	2156	2157	2158	2159	2160	2161	2162	2163	2164	2165	2166	2167	2168	2169	2170	2171	2172	2173	2174	2175	2176	2177	2178	2179	2180	2181	2182	2183	2184	2185	2186	2187	2188	2189	2190	2191	2192	2193	2194	2195	2196	2197	2198	2199	2200	2201	2202	2203	2204	2205	2206	2207	2208	2209	2210	2211	2212	2213	2214	2215	2216	2217	2218	2219	2220	2221	2222	2223	2224	2225	2226	2227	2228	2229	2230	2231	2232	2233	2234	2235	2236	2237	2238	2239	2240	2241	2242	2243	2244	2245	2246	2247	2248	2249	2250	2251	2252	2253	2254	2255	2256	2257	2258	2259	2260	2261	2262	2263	2264	2265	2266	2267	2268	2269	2270	2271	2272	2273	2274	2275	2276	2277	2278	2279	2280	2281	2282	2283	2284	2285	2286	2287	2288	2289	2290	2291	2292	2293	2294	2295	2296	2297	2298	2299	2300	2301	2302	2303	2304	2305	2306	2307	2308	2309	2310	2311	2312	2313	2314	2315	2316	2317	2318	2319	2320	2321	2322	2323	2324	2325	2326	2327	2328	2329	2330	2331	2332	2333	2334	2335	2336	2337	2338	2339	2340	2341	2342	2343	2344	2345	2346	2347	2348	2349	2350	2351	2352	2353	2354	2355	2356	2357	2358	2359	2360	2361	2362	2363	2364	2365	2366	2367	2368	2369	2370	2371	2372	2373	2374	2375	2376	2377	2378	2379	2380	2381	2382	2383	2384	2385	2386	2387	2388	2389	2390	2391	2392	2393	2394	2395	2396	2397	2398	2399	2400																																																																																																																																																																																																																																																																																																																																																																																																		

360 TSL Ltd



North Wales ATC 10, A547 Bridge Street

Direction: Westbound

04/05/2022															
Hour Beginning	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 10-15m	Bin 2 15-20m	Bin 3 20-25m	Bin 4 25-30m	Bin 5 30-35m	Bin 6 35-40m	Bin 7 40-45m	Bin 8 45-50m	Bin 9 50-55m	Bin 10 55-60m	Bin 11 60-65m
00:00	10	36.5	31.8	5.3	0	0	0	1	4	2	3	0	0	0	0
01:00	2	27.5	27.5	0.0	0	0	0	0	2	0	0	0	0	0	0
02:00	1	0	27.5	0	0	0	0	0	1	0	0	0	0	0	0
03:00	7	36.4	31.8	4.5	0	0	0	1	0	5	1	0	0	0	0
04:00	5	33.8	31.5	4.2	0	0	0	0	2	2	1	0	0	0	0
05:00	21	30.3	27.3	2.8	0	0	0	4	14	3	0	0	0	0	0
06:00	69	33.3	28.0	5.1	1	0	5	5	35	20	3	0	0	0	0
07:00	196	30.4	27.3	3.0	0	0	2	32	136	24	2	0	0	0	0
08:00	341	28.0	24.6	4.3	2	7	28	133	151	19	1	0	0	0	0
09:00	363	31.0	24.7	6.1	18	8	10	61	140	25	1	0	0	0	0
10:00	262	30.0	26.0	3.8	1	3	8	76	149	24	1	0	0	0	0
11:00	246	30.4	25.6	4.6	1	9	13	65	128	30	0	0	0	0	0
12:00	298	30.3	26.6	3.6	1	1	8	64	193	28	3	0	0	0	0
13:00	278	30.1	26.0	4.0	1	2	18	66	167	22	1	0	0	0	0
14:00	302	29.7	26.4	3.3	0	0	6	83	175	27	1	0	0	0	0
15:00	350	30.0	24.7	5.1	9	16	14	112	173	26	0	0	0	0	0
16:00	404	30.7	25.8	5.5	23	7	8	163	236	25	2	0	0	0	0
17:00	425	29.3	23.2	5.8	14	33	62	119	170	26	1	0	0	0	0
18:00	294	31.3	27.4	3.8	1	1	4	60	164	61	3	0	0	0	0
19:00	204	31.6	27.5	4.0	0	0	5	42	111	41	4	1	0	0	0
20:00	160	30.9	27.2	3.6	0	1	1	32	103	21	0	2	0	0	0
21:00	102	31.6	27.0	4.4	1	1	2	20	62	12	4	0	0	0	0
22:00	52	33.2	28.8	4.2	0	0	1	4	32	11	3	1	0	0	0
23:00	31	33.4	28.8	4.5	0	0	1	2	15	7	1	1	0	0	0
Total															
201610-12	928	30.2	25.8	4.2	2	12	21	141	277	54	1	0	0	0	0
201614-16	642	30.1	25.5	4.4	9	16	20	195	348	53	1	0	0	0	0
120167-19	648	30.4	25.4	4.8	71	87	181	974	1983	337	17	0	0	0	0
240169-24	4313	30.7	25.8	4.8	73	89	195	1005	2307	461	37	5	0	0	0
AM Peak	08:00	00:00	03:00	09:00	09:00	11:00	08:00	08:00	08:00	11:00	00:00	00:00	00:00	00:00	00:00
	341	36.5	31.8	6.1	18	9	28	133	151	30	3	0	0	0	0
PM Peak	17:00	23:00	22:00	17:00	16:00	17:00	17:00	17:00	16:00	18:00	19:00	20:00	12:00	12:00	12:00
	425	33.4	28.8	5.9	23	33	62	119	236	61	4	2	0	0	0

360 TSL Ltd

Direction: Eastbound

Hour	Total	ESD	Mean	Standard	Bin 1	Bin 2	Bin 3	Bin 4	Bin 5	Bin 6	Bin 7	Bin 8	Bin 9	Bin 10	Bin 11	Bin 12
Beginning	Volume	Percentage	Average	Deviation	10-15m	15-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60-65	65-70
00:00	12	33.2	29.2	3.9	0	0	0	2	4	6	0	0	0	0	0	0
01:00	7	33.9	28.9	4.8	0	0	0	1	4	1	1	0	0	0	0	0
02:00	5	37.7	32.5	5.0	0	0	0	0	2	1	2	0	0	0	0	0
03:00	11	34.5	30.2	4.1	0	0	0	1	4	1	1	0	0	0	0	0
04:00	11	41.5	32.5	8.7	0	1	0	0	3	2	3	2	0	0	0	0
05:00	62	35.0	30.9	4.0	0	0	0	8	33	36	8	2	0	0	0	0
06:00	145	33.8	29.7	3.9	0	0	0	12	70	53	9	0	1	0	0	0
07:00	401	31.5	28.1	3.3	0	1	0	57	239	101	3	0	0	0	0	0
08:00	340	29.6	26.4	4.1	2	9	24	174	288	38	5	0	0	0	0	0
09:00	351	29.3	26.1	3.1	0	0	5	114	209	21	2	0	0	0	0	0
10:00	320	30.4	26.8	3.5	0	2	3	77	195	43	0	0	0	0	0	0
11:00	344	29.6	25.7	3.7	1	2	18	103	197	21	2	0	0	0	0	0
12:00	345	28.9	25.7	3.1	0	1	3	135	187	18	1	0	0	0	0	0
13:00	315	30.1	26.3	3.7	0	1	12	87	179	33	1	0	0	0	0	0
14:00	305	29.5	26.0	3.4	0	1	8	99	171	26	0	0	0	0	0	0
15:00	338	29.3	25.0	4.2	4	3	15	146	141	28	1	0	0	0	0	0
16:00	401	30.7	26.4	4.2	0	0	6	128	234	29	2	0	0	0	0	2
17:00	389	30.0	25.8	4.2	1	7	22	107	196	34	2	0	0	0	0	0
18:00	294	31.4	27.7	3.5	2	1	1	42	100	56	4	0	0	0	0	0
19:00	196	32.3	27.6	4.5	0	0	3	47	104	32	4	6	0	0	0	0
20:00	146	32.1	27.9	4.0	0	0	2	75	85	30	2	1	1	0	0	0
21:00	98	31.3	27.2	4.0	0	1	2	19	59	14	3	0	0	0	0	0
22:00	49	32.9	28.8	3.9	0	0	0	5	30	11	1	1	0	0	0	0
23:00	19	33.6	29.3	4.2	0	0	0	1	12	5	0	1	0	0	0	0
Total																
201610-12	664	30.0	26.2	3.7	1	4	21	180	392	61	5	0	0	0	0	0
201614-16	643	29.5	25.5	3.9	4	4	23	245	312	54	1	0	0	0	0	0
120167-19	4323	30.2	26.2	3.8	10	27	117	1268	2426	445	28	0	0	0	0	2
240169-24	6104	30.7	26.6	4.0	10	29	124	1384	2836	641	63	13	2	0	0	2
AM Peak	08:00	04:00	02:00	04:00	08:00	08:00	08:00	08:00	08:00	07:00	06:00	04:00	06:00	00:00	00:00	00:00
	340	41.5	32.5	8.7	2	9	24	174	288	181	9	2	1	0	0	0
PM Peak	16:00	22:00	23:00	16:00	15:00	17:00	17:00	15:00	16:00	18:00	18:00	19:00	20:00	12:00	12:00	12:00
	401	33.6	29.3	4.5	4	7	22	106	224	56	4	6	1	0	0	2

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Direction: Total Flow

04/05/2022																
Hour Beginning	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 10-15m	Bin 2 15-15	Bin 3 15-20	Bin 4 20-25	Bin 5 25-30	Bin 6 30-35	Bin 7 35-40	Bin 8 40-45	Bin 9 45-50	Bin 10 50-55	Bin 11 55-60	Bin 12 60-65
00:00	22	34.7	30.0	4.6	0	0	0	3	8	8	3	0	0	0	0	0
01:00	9	32.9	28.6	4.2	0	0	0	1	6	3	1	0	0	0	0	0
02:00	6	36.8	31.7	4.9	0	0	0	0	3	1	2	0	0	0	0	0
03:00	18	35.2	30.8	4.2	0	0	0	2	4	10	2	0	0	0	0	0
04:00	16	39.9	32.2	7.4	0	1	0	0	4	4	2	0	0	0	0	0
05:00	103	34.3	30.1	4.1	0	0	0	7	47	39	8	2	0	0	0	0
06:00	214	31.7	28.1	4.4	1	0	5	37	185	73	12	0	0	0	0	0
07:00	597	31.2	27.8	3.2	0	2	89	375	125	5	0	0	0	0	0	0
08:00	881	29.5	25.2	4.2	4	16	52	307	439	57	6	0	0	0	0	0
09:00	614	30.3	25.5	4.7	18	8	15	349	46	3	0	0	0	0	0	0
10:00	582	30.2	26.5	3.7	1	5	11	153	344	64	4	0	0	0	0	0
11:00	590	29.9	25.7	4.2	2	15	25	168	325	51	1	0	0	0	0	0
12:00	643	29.6	26.1	3.4	1	2	11	199	380	46	4	0	0	0	0	0
13:00	593	30.1	26.1	3.8	1	3	36	151	346	55	5	0	0	0	0	0
14:00	597	29.6	26.2	3.3	0	1	14	182	346	53	1	0	0	0	0	0
15:00	688	29.7	24.8	4.7	13	19	29	258	334	54	1	0	0	0	0	0
16:00	805	30.8	25.7	4.9	23	7	14	231	420	54	4	0	0	0	0	0
17:00	794	29.8	24.3	5.3	15	40	84	226	366	60	3	0	0	0	0	0
18:00	588	31.4	27.5	3.7	3	1	5	101	354	117	7	0	0	0	0	0
19:00	400	32.0	27.6	4.3	0	0	8	89	215	73	8	7	0	0	0	0
20:00	306	31.5	27.5	3.8	0	1	3	57	188	51	2	3	1	0	0	0
21:00	210	30.0	27.1	4.2	1	2	4	39	121	26	7	0	0	0	0	0
22:00	101	33.0	28.8	4.1	0	1	9	62	22	5	0	0	0	0	0	0
23:00	50	33.5	29.0	4.3	0	0	3	31	12	1	2	0	0	0	0	0
Total																
270:10	1172	30.1	26.1	3.9	3	16	42	321	669	115	6	0	0	0	0	0
276:10	2187	29.8	25.5	4.2	13	20	43	460	1097	2	0	0	0	0	0	0
284:10	7921	30.2	25.9	4.3	81	114	288	2482	776	41	0	0	0	0	0	0
294:10	9417	30.1	26.2	4.4	83	118	320	2469	5203	1102	10	18	2	0	0	0
Amp Peak																
00:00	0.00	0.40	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
01:00	0.01	0.15	1.74	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
02:00	0.01	0.10	23.00	17.00	16.00	17.00	17.00	15.00	18.00	18.00	19.00	19.00	30.00	12.00	12.00	16.00
03:00	0.01	0.35	23.00	17.00	16.00	17.00	17.00	15.00	18.00	18.00	19.00	19.00	30.00	12.00	12.00	16.00



North Wales ATC 10, A547 Bridge Street



Direction: Westbound

Hour Beginning	Thu 05/05/2022	Fri 06/05/2022	Sat 07/05/2022	Sun 08/05/2022	Mon 09/05/2022	Tue 10/05/2022	Wed 11/05/2022	5-Day Ave.	7-Day Ave.
00:00	12	7	33	32	12	8	10	10	16
01:00	6	6	7	13	9	5	3	6	7
02:00	2	5	9	5	5	5	5	4	5
03:00	2	8	4	11	0	5	9	5	6
04:00	9	10	8	7	4	6	6	7	7
05:00	19	15	12	7	22	16	17	18	15
06:00	70	73	34	14	50	64	70	65	54
07:00	186	183	100	35	193	194	175	186	152
08:00	337	332	176	65	312	317	356	331	271
09:00	294	304	227	139	270	286	278	286	257
10:00	235	238	286	245	264	317	273	265	265
11:00	300	342	359	307	244	279	291	291	303
12:00	309	378	333	341	300	295	311	319	324
13:00	337	345	301	313	296	300	326	321	317
14:00	297	344	333	291	288	302	310	308	309
15:00	365	378	273	282	362	330	359	359	336
16:00	415	439	302	240	366	404	408	406	368
17:00	411	372	282	227	427	389	393	398	357
18:00	303	366	216	180	305	296	313	280	296
19:00	223	263	179	136	175	214	215	218	201
20:00	163	170	141	127	139	154	217	169	159
21:00	122	127	94	78	69	81	133	106	101
22:00	91	100	85	51	66	64	113	87	81
23:00	35	51	45	25	22	18	52	36	35
Total									
12H(7-19)	3789	4021	3188	2665	3627	3709	3776	3784	3539
16H(6-22)	4367	4654	3636	3020	4060	4222	4411	4343	4053
18H(6-24)	4493	4805	3766	3096	4148	4304	4576	4465	4170
24H(0-24)	4543	4856	3839	3171	4200	4349	4626	4515	4226
AM Peak	08:00	11:00	11:00	11:00	08:00	08:00	08:00	08:00	11:00
	337	342	359	307	312	317	356	331	303
PM Peak	16:00	16:00	12:00	12:00	17:00	16:00	16:00	16:00	16:00
	415	439	333	341	427	404	408	406	368

360 TSL Ltd

Direction: Eastbound

Hour Beginning	Thu 05/05/2022	Fri 06/05/2022	Sat 07/05/2022	Sun 08/05/2022	Mon 09/05/2022	Tue 10/05/2022	Wed 11/05/2022	5-Day Ave.	7-Day Ave.
00:00	8	10	11	26	3	8	7	7	10
01:00	7	8	20	11	11	5	7	8	10
02:00	8	4	7	6	11	3	4	6	6
03:00	11	11	7	3	12	8	8	10	9
04:00	15	10	9	9	12	18	15	14	13
05:00	72	54	33	22	78	83	65	70	58
06:00	175	161	63	36	152	167	166	164	131
07:00	359	358	137	85	377	364	357	363	291
08:00	480	455	235	133	480	458	474	469	388
09:00	327	371	293	216	304	340	324	333	311
10:00	335	355	329	353	358	334	326	342	341
11:00	312	376	389	361	317	324	306	327	341
12:00	341	298	347	375	379	325	324	333	341
13:00	336	351	306	394	332	342	345	341	344
14:00	327	331	349	360	340	297	354	330	337
15:00	321	361	356	365	341	309	375	341	347
16:00	417	402	402	314	347	382	400	390	381
17:00	360	333	302	312	340	375	371	356	342
18:00	294	264	246	249	227	270	285	268	262
19:00	198	203	208	185	200	180	199	196	196
20:00	159	125	148	126	134	141	173	146	144
21:00	126	104	120	83	76	104	107	103	103
22:00	82	61	82	65	45	50	65	61	64
23:00	22	44	38	28	12	15	29	24	27
Total									
12H(7-19)	4209	4255	3691	3517	4142	4120	4241	4193	4025
16H(6-22)	4867	4848	4230	3947	4704	4712	4886	4803	4599
18H(6-24)	4971	4953	4350	4040	4761	4777	4980	4888	4690
24H(0-24)	5092	5050	4437	4117	4888	4902	5086	5004	4796
AM Peak	08:00	08:00	11:00	11:00	08:00	08:00	08:00	08:00	08:00
	480	455	389	361	480	458	474	469	388
PM Peak	16:00	16:00	16:00	13:00	12:00	16:00	16:00	16:00	16:00
	417	402	402	394	379	382	400	390	381

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Thu 05/05/2022	Fri 06/05/2022	Sat 07/05/2022	Sun 08/05/2022	Mon 09/05/2022	Tue 10/05/2022	Wed 11/05/2022	5-Day Ave.	7-Day Ave.
00:00	20	17	44	58	15	16	17	17	27
01:00	13	14	27	24	20	10	10	10	17
02:00	10	9	16	11	16	8	9	10	11
03:00	13	19	11	14	12	13	17	15	14
04:00	24	20	17	16	16	24	21	21	20
05:00	91	69	45	29	100	99	82	88	74
06:00	245	234	97	50	202	231	236	230	185
07:00	545	541	237	120	570	558	532	540	443
08:00	817	787	411	198	792	775	830	800	659
09:00	621	675	520	355	574	626	602	620	568
10:00	570	593	615	598	622	651	599	607	607
11:00	612	718	748	668	561	603	597	618	644
12:00	650	676	680	716	679	620	635	652	665
13:00	673	696	607	707	628	642	671	662	661
14:00	624	675	682	651	628	599	664	638	646
15:00	686	739	629	647	703	639	734	700	682
16:00	832	841	704	554	713	786	808	796	748
17:00	771	705	584	539	767	764	754	699	699
18:00	597	630	462	429	532	566	581	541	541
19:00	421	466	387	321	375	394	414	414	397
20:00	322	295	289	253	273	295	390	315	302
21:00	248	231	214	161	145	185	240	210	203
22:00	173	161	167	116	111	114	178	147	146
23:00	57	95	83	53	34	33	81	60	62
Total									
12H(7-19)	7998	8276	6879	6182	7769	7829	8017	7978	7564
16H(6-22)	9234	9502	7866	6967	8764	8934	9297	9146	8652
18H(6-24)	9464	9758	8116	7136	8909	9081	9556	9354	8860
24H(0-24)	9635	9906	8276	7288	9088	9251	9712	9518	9022
AM Peak	08:00	08:00	11:00	11:00	08:00	08:00	08:00	08:00	08:00
	817	787	748	668	792	775	830	800	659
PM Peak	16:00	16:00	16:00	12:00	17:00	16:00	16:00	16:00	16:00
	832	841	704	716	767	786	808	796	748

360 TSL Ltd



North Wales ATC 10, A547 Bridge Street

Direction: Westbound

	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 5 May 2022	4543	3949	568	8	18
Fri 6 May 2022	4856	4310	519	11	16
Sat 7 May 2022	3839	3468	351	7	13
Sun 8 May 2022	3171	2924	237	6	4
Mon 9 May 2022	4200	3676	489	10	25
Tue 10 May 2022	4349	3768	534	10	37
Wed 11 May 2022	4626	4055	530	15	26
5 Day Ave.	4515	3952	528	11	24
7 Day Ave.	4226	3736	461	10	20

Direction: Eastbound

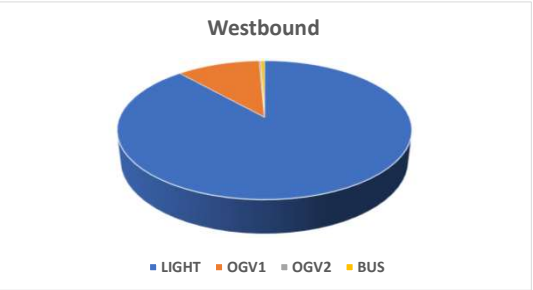
	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 5 May 2022	5092	4463	578	13	38
Fri 6 May 2022	5050	4510	500	14	26
Sat 7 May 2022	4437	4030	380	4	23
Sun 8 May 2022	4117	3800	301	7	9
Mon 9 May 2022	4888	4293	541	16	38
Tue 10 May 2022	4902	4259	584	15	44
Wed 11 May 2022	5086	4456	569	18	43
5 Day Ave.	5004	4396	554	15	38
7 Day Ave.	4796	4259	493	12	32

Direction: Total Flow

	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 5 May 2022	9635	8412	1146	21	56
Fri 6 May 2022	9906	8820	1019	25	42
Sat 7 May 2022	8276	7498	731	11	36
Sun 8 May 2022	7288	6724	538	13	13
Mon 9 May 2022	9088	7969	1030	26	63
Tue 10 May 2022	9251	8027	1118	25	81
Wed 11 May 2022	9712	8511	1099	33	69
5 Day Ave.	9518	8348	1082	26	62
7 Day Ave.	9022	7994	954	22	51

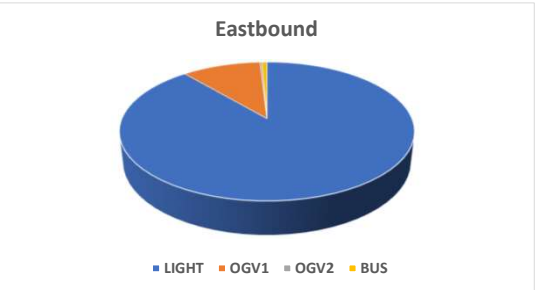
	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 5 May 2022	100.0%	86.9%	12.5%	0.2%	0.4%
Fri 6 May 2022	100.0%	88.8%	10.7%	0.2%	0.3%
Sat 7 May 2022	100.0%	90.3%	9.1%	0.2%	0.3%
Sun 8 May 2022	100.0%	92.2%	7.5%	0.2%	0.1%
Mon 9 May 2022	100.0%	87.5%	11.6%	0.2%	0.6%
Tue 10 May 2022	100.0%	86.6%	12.3%	0.2%	0.9%
Wed 11 May 2022	100.0%	87.7%	11.5%	0.3%	0.6%
5 Day Ave.	100.0%	87.5%	11.7%	0.2%	0.5%
7 Day Ave.	100.0%	88.4%	10.9%	0.2%	0.5%

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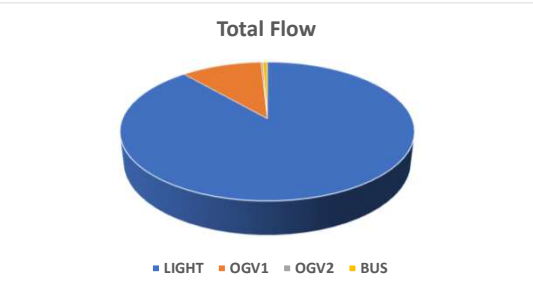
	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 5 May 2022	100.0%	87.6%	11.4%	0.3%	0.7%
Fri 6 May 2022	100.0%	89.3%	9.9%	0.3%	0.5%
Sat 7 May 2022	100.0%	90.8%	8.6%	0.1%	0.5%
Sun 8 May 2022	100.0%	92.3%	7.3%	0.2%	0.2%
Mon 9 May 2022	100.0%	87.8%	11.1%	0.3%	0.8%
Tue 10 May 2022	100.0%	86.9%	11.9%	0.3%	0.9%
Wed 11 May 2022	100.0%	87.6%	11.2%	0.4%	0.8%
5 Day Ave.	100.0%	87.9%	11.1%	0.3%	0.8%
7 Day Ave.	100.0%	88.8%	10.3%	0.3%	0.7%

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	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 5 May 2022	100.0%	87.3%	11.9%	0.2%	0.6%
Fri 6 May 2022	100.0%	89.0%	10.3%	0.3%	0.4%
Sat 7 May 2022	100.0%	90.6%	8.8%	0.1%	0.4%
Sun 8 May 2022	100.0%	92.3%	7.4%	0.2%	0.2%
Mon 9 May 2022	100.0%	87.7%	11.3%	0.3%	0.7%
Tue 10 May 2022	100.0%	86.8%	12.1%	0.3%	0.9%
Wed 11 May 2022	100.0%	87.6%	11.3%	0.3%	0.7%
5 Day Ave.	100.0%	87.7%	11.4%	0.3%	0.7%
7 Day Ave.	100.0%	88.6%	10.6%	0.2%	0.6%

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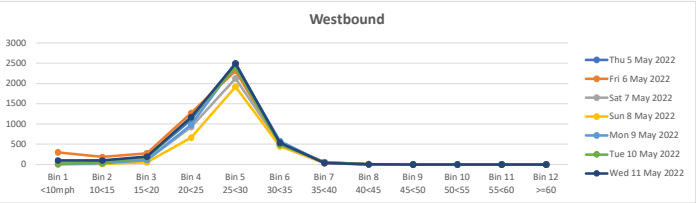


North Wales ATC 10, A547 Bridge Street

Direction: Westbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<15	Bin 3 15<20	Bin 4 20<25	Bin 5 25<30	Bin 6 30<35	Bin 7 35<40	Bin 8 40<45	Bin 9 45<50	Bin 10 50<55	Bin 11 55<60	Bin 12 >=60
Thu 5 May 2022	4543	31.1	26.0	4.9	73	87	181	1107	2498	525	58	10	0	2	0	2
Fri 6 May 2022	4856	30.9	24.4	6.2	300	185	276	1271	2309	470	35	6	3	1	0	0
Sat 7 May 2022	3839	31.2	26.3	4.8	80	32	114	920	2126	506	52	6	2	1	0	0
Sun 8 May 2022	3171	31.1	27.1	3.9	12	14	53	662	1921	449	49	8	2	1	0	0
Mon 9 May 2022	4200	30.7	26.7	3.8	6	28	109	979	2464	574	37	1	2	0	0	0
Tue 10 May 2022	4349	30.6	26.2	4.2	17	57	175	1163	2390	487	56	3	0	1	0	0
Wed 11 May 2022	4626	30.9	25.8	5.0	101	99	192	1166	2489	535	39	5	0	0	0	0
5 Day Ave.	4515	30.8	25.8	4.8	99	91	187	1137	2430	518	45	5	1	1	0	0
7 Day Ave.	4226	30.9	26.1	4.7	84	72	157	1038	2314	507	47	6	1	1	0	0

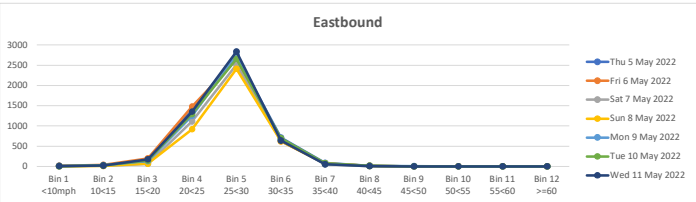
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Direction: Eastbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<15	Bin 3 15<20	Bin 4 20<25	Bin 5 25<30	Bin 6 30<35	Bin 7 35<40	Bin 8 40<45	Bin 9 45<50	Bin 10 50<55	Bin 11 55<60	Bin 12 >=60
Thu 5 May 2022	5092	30.8	26.7	4.0	10	18	123	1396	2738	711	84	12	0	0	0	0
Fri 6 May 2022	5050	30.6	26.3	4.2	12	34	194	1474	2635	618	69	11	2	1	0	0
Sat 7 May 2022	4437	30.9	27.0	3.8	3	11	63	1115	2515	666	54	6	1	1	2	0
Sun 8 May 2022	4117	31.1	27.2	3.8	2	10	69	918	2412	622	71	10	1	0	2	0
Mon 9 May 2022	4888	30.8	26.7	3.9	4	26	132	1249	2750	654	57	11	4	1	0	0
Tue 10 May 2022	4902	30.8	26.7	4.0	4	22	146	1295	2657	693	75	10	0	0	0	0
Wed 11 May 2022	5086	30.6	26.5	3.9	7	20	174	1351	2836	636	52	7	1	0	0	2
5 Day Ave.	5004	30.7	26.6	4.0	7	24	154	1353	2723	662	67	10	1	0	0	0
7 Day Ave.	4796	30.8	26.7	3.9	6	20	129	1257	2649	657	66	10	1	0	1	0

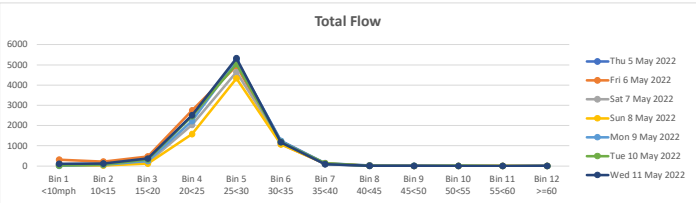
360 TSL Ltd



Direction: Total Flow

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<15	Bin 3 15<20	Bin 4 20<25	Bin 5 25<30	Bin 6 30<35	Bin 7 35<40	Bin 8 40<45	Bin 9 45<50	Bin 10 50<55	Bin 11 55<60	Bin 12 >=60
Thu 5 May 2022	9635	31.0	26.4	4.4	83	105	304	2503	5236	1236	142	22	0	2	0	2
Fri 6 May 2022	9906	30.9	25.4	5.4	312	219	470	2745	4944	1088	104	17	5	2	0	0
Sat 7 May 2022	8276	31.1	26.7	4.3	83	43	177	2035	4641	1172	106	12	3	2	2	0
Sun 8 May 2022	7288	31.1	27.1	3.8	14	24	122	1580	4333	1071	120	18	3	1	2	0
Mon 9 May 2022	9088	30.7	26.7	3.9	10	54	241	2228	5214	1228	94	12	6	1	0	0
Tue 10 May 2022	9251	30.7	26.5	4.1	21	79	321	2458	5047	1180	131	13	0	1	0	0
Wed 11 May 2022	9712	30.8	26.2	4.5	108	119	366	2517	5325	1171	91	12	1	0	0	2
5 Day Ave.	9518	30.8	26.2	4.4	107	115	340	2490	5153	1181	112	15	2	1	0	1
7 Day Ave.	9022	30.9	26.4	4.3	90	92	286	2295	4963	1164	113	15	3	1	1	1

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## North Wales ATC 10, A547 Bridge Street

Direction: Westbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<15	Bin 3 15<20	Bin 4 20<25	Bin 5 25<30	Bin 6 30<35	Bin 7 35<40	Bin 8 40<45	Bin 9 45<50	Bin 10 50<55	Bin 11 55<60	Bin 12 >=60
Thu 5 May 2022	535	30.0	26.1	3.8	1	7	16	144	314	52	1	0	0	0	0	0
Fri 6 May 2022	580	29.8	25.1	4.6	3	17	44	190	269	55	2	0	0	0	0	0
Sat 7 May 2022	645	29.4	25.7	3.6	1	3	24	220	350	44	3	0	0	0	0	0
Sun 8 May 2022	552	30.6	26.8	3.6	1	3	8	124	352	56	6	1	1	0	0	0
Mon 9 May 2022	508	30.5	26.7	3.6	0	3	14	112	314	60	5	0	0	0	0	0
Tue 10 May 2022	596	29.3	25.4	3.7	0	9	23	207	326	27	4	0	0	0	0	0
Wed 11 May 2022	564	30.0	26.0	3.8	2	7	17	159	327	50	2	0	0	0	0	0
5 Day Ave.	557	29.9	25.9	3.9	1	9	23	162	310	49	3	0	0	0	0	0
7 Day Ave.	569	29.9	26.0	3.8	1	7	21	165	322	49	3	0	0	0	0	0

360 TSL Ltd

Direction: Eastbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<15	Bin 3 15<20	Bin 4 20<25	Bin 5 25<30	Bin 6 30<35	Bin 7 35<40	Bin 8 40<45	Bin 9 45<50	Bin 10 50<55	Bin 11 55<60	Bin 12 >=60
Thu 5 May 2022	647	29.8	26.0	3.6	1	3	17	212	356	53	4	1	0	0	0	0
Fri 6 May 2022	731	29.8	25.1	4.5	2	20	43	266	337	58	2	1	2	0	0	0
Sat 7 May 2022	718	30.0	26.3	3.5	1	3	12	216	407	76	2	1	0	0	0	0
Sun 8 May 2022	714	30.1	26.4	3.5	0	1	21	200	407	81	4	0	0	0	0	0
Mon 9 May 2022	675	30.1	26.3	3.6	0	4	21	185	388	74	3	0	0	0	0	0
Tue 10 May 2022	658	29.4	25.7	3.6	1	4	26	221	362	41	3	0	0	0	0	0
Wed 11 May 2022	632	29.3	25.6	3.5	1	2	21	235	333	36	3	1	0	0	0	0
5 Day Ave.	669	29.7	25.7	3.8	1	7	26	224	355	52	3	1	0	0	0	0
7 Day Ave.	682	29.8	25.9	3.7	1	5	23	219	370	60	3	1	0	0	0	0

360 TSL Ltd

Direction: Total Flow

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<15	Bin 3 15<20	Bin 4 20<25	Bin 5 25<30	Bin 6 30<35	Bin 7 35<40	Bin 8 40<45	Bin 9 45<50	Bin 10 50<55	Bin 11 55<60	Bin 12 >=60
Thu 5 May 2022	1182	29.9	26.1	3.7	2	10	33	356	670	105	5	1	0	0	0	0
Fri 6 May 2022	1311	29.8	25.1	4.5	5	37	87	456	606	113	4	1	2	0	0	0
Sat 7 May 2022	1363	29.7	26.0	3.6	2	6	36	436	757	120	5	1	0	0	0	0
Sun 8 May 2022	1266	30.3	26.6	3.6	1	4	29	324	759	137	10	1	1	0	0	0
Mon 9 May 2022	1183	30.2	26.5	3.6	0	7	35	297	702	134	8	0	0	0	0	0
Tue 10 May 2022	1254	29.3	25.6	3.6	1	13	49	428	688	68	7	0	0	0	0	0
Wed 11 May 2022	1196	29.6	25.8	3.7	3	9	38	394	660	86	5	1	0	0	0	0
5 Day Ave.	1225	29.8	25.8	3.8	2	15	48	386	665	101	6	1	0	0	0	0
7 Day Ave.	1251	29.8	25.9	3.8	2	12	44	384	692	109	6	1	0	0	0	0

360 TSL Ltd



## North Wales ATC 10, A547 Bridge Street

Direction: Westbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<15	Bin 3 15<20	Bin 4 20<25	Bin 5 25<30	Bin 6 30<35	Bin 7 35<40	Bin 8 40<45	Bin 9 45<50	Bin 10 50<55	Bin 11 55<60	Bin 12 >=60
Thu 5 May 2022	662	30.8	26.1	4.5	2	8	23	193	368	58	8	0	0	0	0	2
Fri 6 May 2022	722	29.6	25.0	4.5	10	12	47	250	355	43	5	0	0	0	0	0
Sat 7 May 2022	606	30.3	26.7	3.5	3	0	13	137	387	59	7	0	0	0	0	0
Sun 8 May 2022	573	30.5	26.7	3.6	1	1	7	158	325	75	5	1	0	0	0	0
Mon 9 May 2022	650	29.7	25.9	3.7	0	6	31	191	365	56	1	0	0	0	0	0
Tue 10 May 2022	632	29.7	25.6	4.0	2	5	36	204	337	40	8	0	0	0	0	0
Wed 11 May 2022	669	29.5	23.8	5.5	24	32	57	226	295	31	4	0	0	0	0	0
5 Day Ave.	667	29.9	25.3	4.4	8	13	39	213	344	46	5	0	0	0	0	0
7 Day Ave.	645	30.0	25.7	4.2	6	9	31	194	347	52	5	0	0	0	0	0

360 TSL Ltd

Direction: Eastbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<15	Bin 3 15<20	Bin 4 20<25	Bin 5 25<30	Bin 6 30<35	Bin 7 35<40	Bin 8 40<45	Bin 9 45<50	Bin 10 50<55	Bin 11 55<60	Bin 12 >=60
Thu 5 May 2022	648	29.5	25.6	3.7	2	3	18	248	323	50	4	0	0	0	0	0
Fri 6 May 2022	692	29.2	25.5	3.6	0	2	27	266	351	40	5	1	0	0	0	0
Sat 7 May 2022	705	29.9	26.4	3.3	0	4	8	198	426	65	4	0	0	0	0	0
Sun 8 May 2022	725	30.2	26.6	3.5	0	1	14	194	433	75	7	1	0	0	0	0
Mon 9 May 2022	681	29.6	25.5	4.0	2	8	31	241	351	42	5	0	1	0	0	0
Tue 10 May 2022	606	29.4	25.5	3.8	0	4	34	215	308	41	4	0	0	0	0	0
Wed 11 May 2022	729	29.2	25.3	3.8	1	9	36	270	367	43	3	0	0	0	0	0
5 Day Ave.	671	29.4	25.5	3.8	1	5	29	248	340	43	4	0	0	0	0	0
7 Day Ave.	684	29.6	25.8	3.7	1	4	24	233	366	51	5	0	0	0	0	0

360 TSL Ltd

Direction: Total Flow

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<15	Bin 3 15<20	Bin 4 20<25	Bin 5 25<30	Bin 6 30<35	Bin 7 35<40	Bin 8 40<45	Bin 9 45<50	Bin 10 50<55	Bin 11 55<60	Bin 12 >=60
Thu 5 May 2022	1310	30.2	25.9	4.1	4	11	41	441	691	108	12	0	0	0	0	2
Fri 6 May 2022	1414	29.5	25.2	4.1	10	14	74	516	706	83	10	1	0	0	0	0
Sat 7 May 2022	1311	30.1	26.5	3.4	3	4	21	335	813	124	11	0	0	0	0	0
Sun 8 May 2022	1298	30.3	26.6	3.5	1	2	21	352	758	150	12	2	0	0	0	0
Mon 9 May 2022	1331	29.7	25.7	3.9	2	14	62	432	716	98	6	0	1	0	0	0
Tue 10 May 2022	1238	29.6	25.5	3.9	2	9	70	419	645	81	12	0	0	0	0	0
Wed 11 May 2022	1398	29.5	24.6	4.7	25	41	93	496	662	74	7	0	0	0	0	0
5 Day Ave.	1338	29.7	25.4	4.1	9	18	68	461	684	89	9	0	0	0	0	0
7 Day Ave.	1329	29.8	25.7	3.9	7	14	55	427	713	103	10	0	0	0	0	0

360 TSL Ltd



# North Wales ATC 10, A547 Bridge Street

Direction: Westbound

05/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	12	10	2	0	0
01:00	6	5	1	0	0
02:00	2	2	0	0	0
03:00	2	2	0	0	0
04:00	9	6	2	1	0
05:00	19	15	2	1	1
06:00	70	58	12	0	0
07:00	186	157	25	0	4
08:00	337	269	63	1	4
09:00	294	240	51	0	3
10:00	235	206	28	0	1
11:00	300	249	50	1	0
12:00	309	258	48	1	2
13:00	337	297	40	0	0
14:00	297	252	43	1	1
15:00	365	319	45	1	0
16:00	415	373	41	0	1
17:00	411	363	47	1	0
18:00	303	278	24	0	1
19:00	223	202	21	0	0
20:00	163	153	10	0	0
21:00	122	118	4	0	0
22:00	91	87	4	0	0
23:00	35	30	5	0	0
Total					
12H(7-19)	3789	3261	505	6	17
16H(6-22)	4367	3792	552	6	17
18H(6-24)	4493	3909	561	6	17
24H(0-24)	4543	3949	568	8	18
AM Peak	08:00	08:00	08:00	04:00	07:00
	337	269	63	1	4
PM Peak	16:00	16:00	12:00	12:00	12:00
	415	373	48	1	2

360 TSL Ltd

Direction: Eastbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	8	8	0	0	0
01:00	7	7	0	0	0
02:00	8	7	1	0	0
03:00	11	10	1	0	0
04:00	15	11	4	0	0
05:00	72	68	3	0	1
06:00	175	151	22	0	2
07:00	359	326	30	0	3
08:00	480	425	50	1	4
09:00	327	288	36	0	3
10:00	335	296	36	2	1
11:00	312	247	59	2	4
12:00	341	291	47	0	3
13:00	336	270	57	3	6
14:00	327	290	36	0	1
15:00	321	273	44	3	1
16:00	417	360	53	1	3
17:00	360	327	29	1	3
18:00	294	260	33	0	1
19:00	198	183	14	0	1
20:00	159	150	8	0	1
21:00	126	120	6	0	0
22:00	82	75	7	0	0
23:00	22	20	2	0	0
Total					
12H(7-19)	4209	3653	510	13	33
16H(6-22)	4867	4257	560	13	37
18H(6-24)	4971	4352	569	13	37
24H(0-24)	5092	4463	578	13	38
AM Peak	08:00	08:00	11:00	10:00	08:00
	480	425	59	2	4
PM Peak	16:00	16:00	13:00	13:00	13:00
	417	360	57	3	6

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	20	18	2	0	0
01:00	13	12	1	0	0
02:00	10	9	1	0	0
03:00	13	12	1	0	0
04:00	24	17	6	1	0
05:00	91	83	5	1	2
06:00	245	209	34	0	2
07:00	545	483	55	0	7
08:00	817	694	113	2	8
09:00	621	528	87	0	6
10:00	570	502	64	2	2
11:00	612	496	109	3	4
12:00	650	549	95	1	5
13:00	673	567	97	3	6
14:00	624	542	79	1	2
15:00	686	592	89	4	1
16:00	832	733	94	1	4
17:00	771	690	76	2	3
18:00	597	538	57	0	2
19:00	421	385	35	0	1
20:00	322	303	18	0	1
21:00	248	238	10	0	0
22:00	173	162	11	0	0
23:00	57	50	7	0	0
Total					
12H(7-19)	7998	6914	1015	19	50
16H(6-22)	9234	8049	1112	19	54
18H(6-24)	9464	8261	1130	19	54
24H(0-24)	9635	8412	1146	21	56
AM Peak	08:00	08:00	08:00	11:00	08:00
	817	694	113	3	8
PM Peak	16:00	16:00	13:00	15:00	13:00
	832	733	97	4	6

360 TSL Ltd



# North Wales ATC 10, A547 Bridge Street

Direction: Westbound

06/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	7	6	1	0	0
01:00	6	6	0	0	0
02:00	5	5	0	0	0
03:00	8	6	0	2	0
04:00	10	8	2	0	0
05:00	15	11	2	0	2
06:00	73	56	15	2	0
07:00	183	157	25	0	1
08:00	332	269	58	1	4
09:00	304	245	58	1	0
10:00	238	204	33	0	1
11:00	342	302	39	1	0
12:00	378	340	37	0	1
13:00	345	300	43	0	2
14:00	344	310	32	0	2
15:00	378	345	30	1	2
16:00	439	399	40	0	0
17:00	372	345	26	1	0
18:00	366	338	27	1	0
19:00	263	240	22	1	0
20:00	170	159	11	0	0
21:00	127	118	8	0	1
22:00	100	94	6	0	0
23:00	51	47	4	0	0
Total					
12H(7-19)	4021	3554	448	6	13
16H(6-22)	4654	4127	504	9	14
18H(6-24)	4805	4268	514	9	14
24H(0-24)	4856	4310	519	11	16
AM Peak	11:00 342	11:00 302	08:00 58	03:00 2	08:00 4
PM Peak	16:00 439	16:00 399	13:00 43	15:00 1	13:00 2

360 TSL Ltd

Direction: Eastbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	10	8	2	0	0
01:00	8	7	1	0	0
02:00	4	4	0	0	0
03:00	11	9	1	1	0
04:00	10	8	2	0	0
05:00	54	48	4	1	1
06:00	161	130	29	1	1
07:00	358	312	43	1	2
08:00	455	401	51	1	2
09:00	371	326	43	1	1
10:00	355	312	40	2	1
11:00	376	324	48	0	4
12:00	298	262	34	0	2
13:00	351	308	39	1	3
14:00	331	288	40	1	2
15:00	361	331	26	2	2
16:00	402	365	33	2	2
17:00	333	310	22	0	1
18:00	264	248	15	0	1
19:00	203	192	11	0	0
20:00	125	119	5	0	1
21:00	104	99	5	0	0
22:00	61	57	4	0	0
23:00	44	42	2	0	0
Total					
12H(7-19)	4255	3787	434	11	23
16H(6-22)	4848	4327	484	12	25
18H(6-24)	4953	4426	490	12	25
24H(0-24)	5050	4510	500	14	26
AM Peak	08:00 455	08:00 401	08:00 51	10:00 2	11:00 4
PM Peak	16:00 402	16:00 365	14:00 40	15:00 2	13:00 3

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	17	14	3	0	0
01:00	14	13	1	0	0
02:00	9	9	0	0	0
03:00	19	15	1	3	0
04:00	20	16	4	0	0
05:00	69	59	6	1	3
06:00	234	186	44	3	1
07:00	541	469	68	1	3
08:00	787	670	109	2	6
09:00	675	571	101	2	1
10:00	593	516	73	2	2
11:00	718	626	87	1	4
12:00	676	602	71	0	3
13:00	696	608	82	1	5
14:00	675	598	72	1	4
15:00	739	676	56	3	4
16:00	841	764	73	2	2
17:00	705	655	48	1	1
18:00	630	586	42	1	1
19:00	466	432	33	1	0
20:00	295	278	16	0	1
21:00	231	217	13	0	1
22:00	161	151	10	0	0
23:00	95	89	6	0	0
Total					
12H(7-19)	8276	7341	882	17	36
16H(6-22)	9502	8454	988	21	39
18H(6-24)	9758	8694	1004	21	39
24H(0-24)	9906	8820	1019	25	42
AM Peak	08:00 787	08:00 670	08:00 109	03:00 3	08:00 6
PM Peak	16:00 841	16:00 764	13:00 82	15:00 3	13:00 5

360 TSL Ltd



# North Wales ATC 10, A547 Bridge Street

Direction: Westbound

07/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	33	30	3	0	0
01:00	7	7	0	0	0
02:00	9	8	1	0	0
03:00	4	3	0	0	1
04:00	8	4	3	1	0
05:00	12	10	2	0	0
06:00	34	32	2	0	0
07:00	100	80	18	1	1
08:00	176	132	43	0	1
09:00	227	207	19	0	1
10:00	286	260	23	1	2
11:00	359	328	30	0	1
12:00	333	307	25	0	1
13:00	301	264	35	0	2
14:00	333	299	32	2	0
15:00	273	251	21	1	0
16:00	302	275	26	1	0
17:00	282	260	20	0	2
18:00	216	200	16	0	0
19:00	179	162	16	0	1
20:00	141	132	9	0	0
21:00	94	93	1	0	0
22:00	85	84	1	0	0
23:00	45	40	5	0	0
Total					
12H(7-19)	3188	2863	308	6	11
16H(6-22)	3636	3282	336	6	12
18H(6-24)	3766	3406	342	6	12
24H(0-24)	3839	3468	351	7	13
AM Peak	11:00	11:00	08:00	04:00	10:00
	359	328	43	1	2
PM Peak	12:00	12:00	13:00	14:00	13:00
	333	307	35	2	2

360 TSL Ltd

Direction: Eastbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	11	10	1	0	0
01:00	20	20	0	0	0
02:00	7	7	0	0	0
03:00	7	6	1	0	0
04:00	9	9	0	0	0
05:00	33	27	6	0	0
06:00	63	52	8	0	3
07:00	137	117	19	0	1
08:00	235	206	27	0	2
09:00	293	260	32	1	0
10:00	329	298	29	0	2
11:00	389	350	37	1	1
12:00	347	314	33	0	0
13:00	306	278	27	0	1
14:00	349	322	24	1	2
15:00	356	322	31	0	3
16:00	402	363	35	0	4
17:00	302	275	25	1	1
18:00	246	229	16	0	1
19:00	208	193	14	0	1
20:00	148	141	6	0	1
21:00	120	116	4	0	0
22:00	82	78	4	0	0
23:00	38	37	1	0	0
Total					
12H(7-19)	3691	3334	335	4	18
16H(6-22)	4230	3836	367	4	23
18H(6-24)	4350	3951	372	4	23
24H(0-24)	4437	4030	380	4	23
AM Peak	11:00	11:00	11:00	09:00	06:00
	389	350	37	1	3
PM Peak	16:00	16:00	16:00	14:00	16:00
	402	363	35	1	4

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	44	40	4	0	0
01:00	27	27	0	0	0
02:00	16	15	1	0	0
03:00	11	9	1	0	1
04:00	17	13	3	1	0
05:00	45	37	8	0	0
06:00	97	84	10	0	3
07:00	237	197	37	1	2
08:00	411	338	70	0	3
09:00	520	467	51	1	1
10:00	615	558	52	1	4
11:00	748	678	67	1	2
12:00	680	621	58	0	1
13:00	607	542	62	0	3
14:00	682	621	56	3	2
15:00	629	573	52	1	3
16:00	704	638	61	1	4
17:00	584	535	45	1	3
18:00	462	429	32	0	1
19:00	387	355	30	0	2
20:00	289	273	15	0	1
21:00	214	209	5	0	0
22:00	167	162	5	0	0
23:00	83	77	6	0	0
Total					
12H(7-19)	6879	6197	643	10	29
16H(6-22)	7866	7118	703	10	35
18H(6-24)	8116	7357	714	10	35
24H(0-24)	8276	7498	731	11	36
AM Peak	11:00	11:00	08:00	04:00	10:00
	748	678	70	1	4
PM Peak	16:00	16:00	13:00	14:00	16:00
	704	638	62	3	4

360 TSL Ltd



# North Wales ATC 10, A547 Bridge Street

Direction: Westbound

08/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	32	32	0	0	0
01:00	13	12	1	0	0
02:00	5	5	0	0	0
03:00	11	9	2	0	0
04:00	7	5	1	1	0
05:00	7	6	1	0	0
06:00	14	14	0	0	0
07:00	35	29	6	0	0
08:00	65	53	12	0	0
09:00	139	121	18	0	0
10:00	245	225	19	1	0
11:00	307	288	17	1	1
12:00	341	323	17	1	0
13:00	313	278	33	2	0
14:00	291	268	22	0	1
15:00	282	269	13	0	0
16:00	240	230	9	0	1
17:00	227	211	16	0	0
18:00	180	154	25	0	1
19:00	136	125	11	0	0
20:00	127	120	7	0	0
21:00	78	75	3	0	0
22:00	51	49	2	0	0
23:00	25	23	2	0	0
Total					
12H(7-19)	2665	2449	207	5	4
16H(6-22)	3020	2783	228	5	4
18H(6-24)	3096	2855	232	5	4
24H(0-24)	3171	2924	237	6	4
AM Peak	11:00 307	11:00 288	10:00 19	04:00 1	11:00 1
PM Peak	12:00 341	12:00 323	13:00 33	13:00 2	14:00 1

360 TSL Ltd

Direction: Eastbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	26	23	3	0	0
01:00	11	10	1	0	0
02:00	6	5	1	0	0
03:00	3	2	1	0	0
04:00	9	8	1	0	0
05:00	22	19	2	0	1
06:00	36	35	1	0	0
07:00	85	83	1	0	1
08:00	133	124	9	0	0
09:00	216	188	28	0	0
10:00	353	322	29	1	1
11:00	361	329	29	1	2
12:00	375	350	25	0	0
13:00	394	363	29	1	1
14:00	360	338	20	0	2
15:00	365	341	24	0	0
16:00	314	297	15	2	0
17:00	312	281	29	1	1
18:00	249	219	30	0	0
19:00	185	172	13	0	0
20:00	126	121	4	1	0
21:00	83	81	2	0	0
22:00	65	61	4	0	0
23:00	28	28	0	0	0
Total					
12H(7-19)	3517	3235	268	6	8
16H(6-22)	3947	3644	288	7	8
18H(6-24)	4040	3733	292	7	8
24H(0-24)	4117	3800	301	7	9
AM Peak	11:00 361	11:00 329	10:00 29	10:00 1	11:00 2
PM Peak	13:00 394	13:00 363	18:00 30	16:00 2	14:00 2

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	58	55	3	0	0
01:00	24	22	2	0	0
02:00	11	10	1	0	0
03:00	14	11	3	0	0
04:00	16	13	2	1	0
05:00	29	25	3	0	1
06:00	50	49	1	0	0
07:00	120	112	7	0	1
08:00	198	177	21	0	0
09:00	355	309	46	0	0
10:00	598	547	48	2	1
11:00	668	617	46	2	3
12:00	716	673	42	1	0
13:00	707	641	62	3	1
14:00	651	606	42	0	3
15:00	647	610	37	0	0
16:00	554	527	24	2	1
17:00	539	492	45	1	1
18:00	429	373	55	0	1
19:00	321	297	24	0	0
20:00	253	241	11	1	0
21:00	161	156	5	0	0
22:00	116	110	6	0	0
23:00	53	51	2	0	0
Total					
12H(7-19)	6182	5684	475	11	12
16H(6-22)	6967	6427	516	12	12
18H(6-24)	7136	6588	524	12	12
24H(0-24)	7288	6724	538	13	13
AM Peak	11:00 668	11:00 617	10:00 48	10:00 2	11:00 3
PM Peak	12:00 716	12:00 673	13:00 62	13:00 3	14:00 3

360 TSL Ltd



# North Wales ATC 10, A547 Bridge Street

Direction: Westbound

09/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	12	12	0	0	0
01:00	9	9	0	0	0
02:00	5	5	0	0	0
03:00	0	0	0	0	0
04:00	4	3	1	0	0
05:00	22	18	4	0	0
06:00	50	45	5	0	0
07:00	193	167	23	1	2
08:00	312	263	44	1	4
09:00	270	225	40	1	4
10:00	264	226	35	0	3
11:00	244	204	37	1	2
12:00	300	251	44	3	2
13:00	296	266	29	0	1
14:00	288	258	29	1	0
15:00	362	308	51	2	1
16:00	366	320	45	0	1
17:00	427	387	39	0	1
18:00	305	272	32	0	1
19:00	175	160	14	0	1
20:00	139	131	7	0	1
21:00	69	62	6	0	1
22:00	66	62	4	0	0
23:00	22	22	0	0	0
Total					
12H(7-19)	3627	3147	448	10	22
16H(6-22)	4060	3545	480	10	25
18H(6-24)	4148	3629	484	10	25
24H(0-24)	4200	3676	489	10	25
AM Peak	08:00	08:00	08:00	07:00	08:00
	312	263	44	1	4
PM Peak	17:00	17:00	15:00	12:00	12:00
	427	387	51	3	2

360 TSL Ltd

Direction: Eastbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	3	3	0	0	0
01:00	11	10	1	0	0
02:00	11	11	0	0	0
03:00	12	11	1	0	0
04:00	12	10	2	0	0
05:00	78	68	9	0	1
06:00	152	122	29	0	1
07:00	377	328	46	1	2
08:00	480	437	38	3	2
09:00	304	262	39	2	1
10:00	358	305	46	3	4
11:00	317	271	43	0	3
12:00	379	320	53	1	5
13:00	332	292	35	0	5
14:00	340	294	42	3	1
15:00	341	300	35	2	4
16:00	347	299	44	0	4
17:00	340	296	41	0	3
18:00	227	207	18	1	1
19:00	200	192	8	0	0
20:00	134	127	6	0	1
21:00	76	71	5	0	0
22:00	45	45	0	0	0
23:00	12	12	0	0	0
Total					
12H(7-19)	4142	3611	480	16	35
16H(6-22)	4704	4123	528	16	37
18H(6-24)	4761	4180	528	16	37
24H(0-24)	4888	4293	541	16	38
AM Peak	08:00	08:00	07:00	08:00	10:00
	480	437	46	3	4
PM Peak	12:00	12:00	12:00	14:00	12:00
	379	320	53	3	5

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	15	15	0	0	0
01:00	20	19	1	0	0
02:00	16	16	0	0	0
03:00	12	11	1	0	0
04:00	16	13	3	0	0
05:00	100	86	13	0	1
06:00	202	167	34	0	1
07:00	570	495	69	2	4
08:00	792	700	82	4	6
09:00	574	487	79	3	5
10:00	622	531	81	3	7
11:00	561	475	80	1	5
12:00	679	571	97	4	7
13:00	628	558	64	0	6
14:00	628	552	71	4	1
15:00	703	608	86	4	5
16:00	713	619	89	0	5
17:00	767	683	80	0	4
18:00	532	479	50	1	2
19:00	375	352	22	0	1
20:00	273	258	13	0	2
21:00	145	133	11	0	1
22:00	111	107	4	0	0
23:00	34	34	0	0	0
Total					
12H(7-19)	7769	6758	928	26	57
16H(6-22)	8764	7668	1008	26	62
18H(6-24)	8909	7809	1012	26	62
24H(0-24)	9088	7969	1030	26	63
AM Peak	08:00	08:00	08:00	08:00	10:00
	792	700	82	4	7
PM Peak	17:00	17:00	12:00	12:00	12:00
	767	683	97	4	7

360 TSL Ltd



# North Wales ATC 10, A547 Bridge Street

Direction: Westbound

10/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	8	7	1	0	0
01:00	5	4	1	0	0
02:00	5	4	1	0	0
03:00	5	4	1	0	0
04:00	6	3	2	0	1
05:00	16	11	4	0	1
06:00	64	52	12	0	0
07:00	194	161	28	1	4
08:00	317	255	57	2	3
09:00	286	235	47	1	3
10:00	317	262	46	2	7
11:00	279	238	36	1	4
12:00	295	265	27	2	1
13:00	300	260	37	0	3
14:00	302	270	28	0	4
15:00	330	272	57	0	1
16:00	404	355	49	0	0
17:00	389	346	40	1	2
18:00	296	275	21	0	0
19:00	214	191	22	0	1
20:00	154	145	9	0	0
21:00	81	78	2	0	1
22:00	64	60	3	0	1
23:00	18	15	3	0	0
Total					
12H(7-19)	3709	3194	473	10	32
16H(6-22)	4222	3660	518	10	34
18H(6-24)	4304	3735	524	10	35
24H(0-24)	4349	3768	534	10	37
AM Peak	08:00 317	10:00 262	08:00 57	08:00 2	10:00 7
PM Peak	16:00 404	16:00 355	15:00 57	12:00 2	14:00 4

360 TSL Ltd

Direction: Eastbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	8	8	0	0	0
01:00	5	4	1	0	0
02:00	3	3	0	0	0
03:00	8	8	0	0	0
04:00	18	16	2	0	0
05:00	83	80	3	0	0
06:00	167	132	33	1	1
07:00	364	324	38	0	2
08:00	458	405	46	2	5
09:00	340	278	56	4	2
10:00	334	278	48	1	7
11:00	324	265	54	0	5
12:00	325	270	49	2	4
13:00	342	302	34	1	5
14:00	297	254	42	0	1
15:00	309	266	39	0	4
16:00	382	332	47	0	3
17:00	375	337	34	2	2
18:00	270	242	27	1	0
19:00	180	164	15	0	1
20:00	141	132	8	0	1
21:00	104	99	4	1	0
22:00	50	46	4	0	0
23:00	15	14	0	0	1
Total					
12H(7-19)	4120	3553	514	13	40
16H(6-22)	4712	4080	574	15	43
18H(6-24)	4777	4140	578	15	44
24H(0-24)	4902	4259	584	15	44
AM Peak	08:00 458	08:00 405	09:00 56	09:00 4	10:00 7
PM Peak	16:00 382	17:00 337	12:00 49	12:00 2	13:00 5

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	16	15	1	0	0
01:00	10	8	2	0	0
02:00	8	7	1	0	0
03:00	13	12	1	0	0
04:00	24	19	4	0	1
05:00	99	91	7	0	1
06:00	231	184	45	1	1
07:00	558	485	66	1	6
08:00	775	660	103	4	8
09:00	626	513	103	5	5
10:00	651	540	94	3	14
11:00	603	503	90	1	9
12:00	620	535	76	4	5
13:00	642	562	71	1	8
14:00	599	524	70	0	5
15:00	639	538	96	0	5
16:00	786	687	96	0	3
17:00	764	683	74	3	4
18:00	566	517	48	1	0
19:00	394	355	37	0	2
20:00	295	277	17	0	1
21:00	185	177	6	1	1
22:00	114	106	7	0	1
23:00	33	29	3	0	1
Total					
12H(7-19)	7829	6747	987	23	72
16H(6-22)	8934	7740	1092	25	77
18H(6-24)	9081	7875	1102	25	79
24H(0-24)	9251	8027	1118	25	81
AM Peak	08:00 775	08:00 660	08:00 103	09:00 5	10:00 14
PM Peak	16:00 786	16:00 687	15:00 96	12:00 4	13:00 8

360 TSL Ltd



# North Wales ATC 10, A547 Bridge Street

Direction: Westbound

11/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	10	9	1	0	0
01:00	3	3	0	0	0
02:00	5	5	0	0	0
03:00	9	6	2	1	0
04:00	6	3	3	0	0
05:00	17	14	2	0	1
06:00	70	60	7	0	3
07:00	175	138	29	5	3
08:00	356	306	48	1	1
09:00	278	238	35	2	3
10:00	273	235	38	0	0
11:00	291	248	42	1	0
12:00	311	257	50	1	3
13:00	326	293	33	0	0
14:00	310	268	37	2	3
15:00	359	322	35	0	2
16:00	408	365	41	0	2
17:00	393	360	33	0	0
18:00	296	253	43	0	0
19:00	215	196	17	1	1
20:00	217	200	14	0	3
21:00	133	123	8	1	1
22:00	113	105	8	0	0
23:00	52	48	4	0	0
Total					
12H(7-19)	3776	3283	464	12	17
16H(6-22)	4411	3862	510	14	25
18H(6-24)	4576	4015	522	14	25
24H(0-24)	4626	4055	530	15	26
AM Peak	08:00 356	08:00 306	08:00 48	07:00 5	06:00 3
PM Peak	16:00 408	16:00 365	12:00 50	14:00 2	12:00 3

360 TSL Ltd

Direction: Eastbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	7	7	0	0	0
01:00	7	6	1	0	0
02:00	4	3	1	0	0
03:00	8	5	2	1	0
04:00	15	12	2	0	1
05:00	65	62	3	0	0
06:00	166	142	21	1	2
07:00	357	325	30	1	1
08:00	474	436	35	0	3
09:00	324	285	37	1	1
10:00	326	284	35	3	4
11:00	306	242	58	2	4
12:00	324	281	39	0	4
13:00	345	274	59	4	8
14:00	354	307	44	1	2
15:00	375	323	45	3	4
16:00	400	349	47	1	3
17:00	371	337	31	0	3
18:00	285	255	30	0	0
19:00	199	178	20	0	1
20:00	173	158	14	0	1
21:00	107	100	6	0	1
22:00	65	58	7	0	0
23:00	29	27	2	0	0
Total					
12H(7-19)	4241	3698	490	16	37
16H(6-22)	4886	4276	551	17	42
18H(6-24)	4980	4361	560	17	42
24H(0-24)	5086	4456	569	18	43
AM Peak	08:00 474	08:00 436	11:00 58	10:00 3	10:00 4
PM Peak	16:00 400	16:00 349	13:00 59	13:00 4	13:00 8

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	17	16	1	0	0
01:00	10	9	1	0	0
02:00	9	8	1	0	0
03:00	17	11	4	2	0
04:00	21	15	5	0	1
05:00	82	76	5	0	1
06:00	236	202	28	1	5
07:00	532	463	59	6	4
08:00	830	742	83	1	4
09:00	602	523	72	3	4
10:00	599	519	73	3	4
11:00	597	490	100	3	4
12:00	635	538	89	1	7
13:00	671	567	92	4	8
14:00	664	575	81	3	5
15:00	734	645	80	3	6
16:00	808	714	88	1	5
17:00	764	697	64	0	3
18:00	581	508	73	0	0
19:00	414	374	37	1	2
20:00	390	358	28	0	4
21:00	240	223	14	1	2
22:00	178	163	15	0	0
23:00	81	75	6	0	0
Total					
12H(7-19)	8017	6981	954	28	54
16H(6-22)	9297	8138	1061	31	67
18H(6-24)	9556	8376	1082	31	67
24H(0-24)	9712	8511	1099	33	69
AM Peak	08:00 830	08:00 742	11:00 100	10:00 6	10:00 5
PM Peak	16:00 808	16:00 714	13:00 92	13:00 4	13:00 8

360 TSL Ltd



North Wales ATC 10, A547 Bridge Street

Direction: Westbound

05/05/2022																
Hour Beginning	Total Volume	ESD Percentile	Mean Average	Standard Deviation	Bin 1 10-14m	Bin 2 15-15m	Bin 3 15-20m	Bin 4 20-25m	Bin 5 25-30m	Bin 6 30-35m	Bin 7 35-40m	Bin 8 40-45m	Bin 9 45-50m	Bin 10 50-55m	Bin 11 55-60m	Bin 12 60-65m
00:00	12	35.4	27.9	4.5	0	0	0	3	6	2	1	0	0	0	0	0
01:00	6	28.5	25.8	2.6	0	0	0	2	4	0	0	0	0	0	0	0
02:00	2	33.7	36.0	5.0	0	0	0	0	1	1	0	0	0	0	0	0
03:00	2	34.8	27.5	7.1	0	0	0	0	0	1	0	0	0	0	0	0
04:00	9	46.0	33.6	11.9	0	0	2	0	2	0	2	2	0	1	0	0
05:00	19	34.7	29.3	5.3	0	0	1	2	7	7	0	1	0	0	0	0
06:00	70	33.6	29.7	3.8	0	1	2	37	37	26	3	1	0	0	0	0
07:00	186	31.2	27.3	3.8	0	1	3	18	108	32	4	0	0	0	0	0
08:00	337	30.0	25.7	4.2	1	7	20	91	187	30	1	0	0	0	0	0
09:00	294	29.9	25.9	3.8	1	1	11	96	139	22	4	0	0	0	0	0
10:00	235	30.4	26.9	3.4	0	0	5	51	145	33	1	0	0	0	0	0
11:00	300	29.6	25.5	3.9	1	7	11	93	189	19	0	0	0	0	0	0
12:00	309	30.3	26.4	3.7	0	2	10	82	179	34	1	1	0	0	0	0
13:00	337	29.8	25.8	3.8	1	3	17	96	193	26	1	0	0	0	0	0
14:00	397	31.6	26.8	4.8	1	7	7	75	176	32	3	0	0	0	0	2
15:00	365	29.9	25.6	4.2	1	7	16	118	192	26	5	0	0	0	0	0
16:00	415	29.2	26.6	3.7	3	5	4	10	260	37	2	0	0	0	0	0
17:00	411	28.5	26.6	7.6	63	48	57	95	219	29	0	0	0	0	0	0
18:00	303	32.0	27.9	4.0	1	1	4	47	174	66	10	0	0	0	0	0
19:00	223	31.8	27.9	3.7	0	1	3	27	145	39	7	1	0	0	0	0
20:00	163	30.6	26.9	3.6	0	0	4	40	94	23	2	0	0	0	0	0
21:00	122	32.2	27.3	4.8	0	1	3	29	68	14	3	4	0	0	0	0
22:00	91	34.1	28.4	5.4	0	2	1	14	46	20	7	0	0	1	0	0
23:00	35	31.9	27.6	4.1	0	0	1	7	18	8	1	0	0	0	0	0
Total																
2016-18-12	535	30.0	26.1	3.8	1	7	16	144	314	52	1	0	0	0	0	0
2016-18-14	662	30.8	26.1	4.5	2	8	23	193	368	58	8	0	0	0	0	2
12HCF-18	3789	30.8	25.7	4.0	73	83	183	980	2070	383	32	1	0	0	0	2
24HCF-24	4543	31.1	26.0	4.8	73	87	183	1107	2408	525	58	30	0	2	0	2
AM Peak	08:00	04:00	04:00	04:00	08:00	08:00	08:00	09:00	08:00	10:00	07:00	04:00	00:00	04:00	00:00	00:00
	337	46.9	33.6	11.9	1	7	20	96	187	33	4	2	0	1	0	0
PM Peak	16:00	22:00	22:00	17:00	17:00	17:00	17:00	15:00	16:00	18:00	18:00	21:00	12:00	22:00	12:00	14:00
	415	36.1	28.4	7.6	63	48	57	118	219	66	10	4	0	1	0	2

360 TSL Ltd

Direction: Eastbound

Hour	Total Volume	ESD Percentile	Mean Average	Standard Deviation	Bin 1 10-14m	Bin 2 15-15m	Bin 3 15-20m	Bin 4 20-25m	Bin 5 25-30m	Bin 6 30-35m	Bin 7 35-40m	Bin 8 40-45m	Bin 9 45-50m	Bin 10 50-55m	Bin 11 55-60m	Bin 12 60-65m
00:00	8	28.7	26.9	1.8	0	0	0	1	7	0	0	0	0	0	0	0
01:00	7	30.4	26.8	3.5	0	0	0	2	4	1	0	0	0	0	0	0
02:00	8	34.8	30.0	4.6	0	0	0	1	3	3	1	0	0	0	0	0
03:00	11	36.9	32.0	4.7	0	0	0	0	0	5	1	4	0	0	0	0
04:00	15	35.2	32.2	3.0	0	0	0	0	0	3	10	2	0	0	0	0
05:00	72	36.0	31.8	4.1	0	0	0	0	1	23	36	9	0	0	0	0
06:00	175	33.9	30.0	3.8	0	0	0	12	81	65	17	0	0	0	0	0
07:00	169	31.5	28.2	3.2	0	0	3	42	223	87	4	0	0	0	0	0
08:00	480	30.1	26.3	3.7	1	2	13	117	272	52	1	0	0	0	0	0
09:00	327	29.8	26.0	3.6	0	0	6	136	156	36	3	0	0	0	0	0
10:00	335	30.6	26.5	3.4	0	2	5	90	201	36	1	0	0	0	0	0
11:00	312	29.4	25.5	3.8	1	1	12	122	155	17	3	1	0	0	0	0
12:00	341	30.0	26.1	3.8	0	3	10	105	190	30	1	2	0	0	0	0
13:00	336	29.6	26.2	3.3	0	1	7	100	201	25	2	0	0	0	0	0
14:00	327	29.8	26.2	3.5	0	2	3	110	178	32	2	0	0	0	0	0
15:00	321	29.0	25.1	3.8	2	1	15	138	145	18	2	0	0	0	0	0
16:00	417	30.1	26.0	3.9	2	1	12	140	215	42	5	0	0	0	0	0
17:00	380	30.4	25.9	4.5	3	3	23	168	179	40	3	1	0	0	0	0
18:00	284	31.8	27.8	3.8	1	0	7	47	177	61	4	2	0	0	0	0
19:00	198	32.2	27.9	4.2	0	0	3	42	99	47	5	2	0	0	0	0
20:00	159	31.5	27.3	3.9	0	1	3	33	89	30	3	0	0	0	0	0
21:00	126	31.7	27.6	3.9	0	1	1	23	75	21	5	0	0	0	0	0
22:00	82	31.8	27.9	3.7	0	0	0	17	45	17	1	0	0	0	0	0
23:00	22	34.2	28.9	5.2	0	0	0	4	12	3	2	1	0	0	0	0
Total																
2016-18-12	647	29.8	26.0	3.6	1	3	17	212	356	53	4	1	0	0	0	0
2016-18-14	648	29.5	25.6	3.7	2	3	18	248	323	50	4	0	0	0	0	0
12HCF-18	4209	30.2	26.3	3.8	10	16	116	1280	2292	476	33	6	0	0	0	0
24HCF-24	6092	30.8	26.7	4.0	10	18	123	1396	2788	711	84	12	0	0	0	0
AM Peak	08:00	03:00	04:00	03:00	08:00	08:00	08:00	08:00	08:00	07:00	06:00	05:00	00:00	00:00	00:00	00:00
	480	36.9	32.2	4.7	1	2	13	117	272	87	17	3	0	0	0	0
PM Peak	16:00	22:00	22:00	17:00	17:00	17:00	17:00	16:00	16:00	18:00	18:00	21:00	12:00	22:00	12:00	14:00
	417	34.2	28.9	5.2	3	3	12	140	215	61	5	2	0	0	0	0

360 TSL Ltd

Direction: Total Flow

05/05/2022																
Hour Beginning	Total Volume	ESD Percentile	Mean Average	Standard Deviation	Bin 1 10-14m	Bin 2 15-15m	Bin 3 15-20m	Bin 4 20-25m	Bin 5 25-30m	Bin 6 30-35m	Bin 7 35-40m	Bin 8 40-45m	Bin 9 45-50m	Bin 10 50-55m	Bin 11 55-60m	Bin 12 60-65m
00:00	20	31.3	27.5	3.6	0	0	0	4	13	2	1	0	0	0	0	0
01:00	13	29.5	26.3	3.0	0	0	0	4	8	1	0	0	0	0	0	0
02:00	10	34.4	30.0	4.2	0	0	0	0	4	1	1	0	0	0	0	0
03:00	13	36.6	31.3	5.1	0	0	0	1	5	3	4	0	0	0	0	0
04:00	14	40.4	32.7	7.4	0	0	2	0	5	10	4	2	0	1	0	0
05:00	91	35.9	31.3	4.4	0	0	1	3	30	44	9	4	0	0	0	0
06:00	245	31.8	29.9	3.8	0	0	2	14	118	91	20	1	0	0	0	0
07:00	545	31.5	27.9	3.5	0	1	6	80	331	119	8	0	0	0	0	0
08:00	817	30.1	26.0	3.9	2	9	33	228	459	82	4	0	0	0	0	0
09:00	621	29.8	26.0	3.7	1	1	17	222	315	58	7	0	0	0	0	0
10:00	570	30.2	26.7	3.4	0	2	10	141	346	69	2	0	0	0	0	0
11:00	612	29.2	25.5	3.9	2	8	29	211	324	36	1	0	0	0	0	0
12:00	650	30.1	26.2	3.8	0	5	20	187	369	64	2	3	0	0	0	0
13:00	673	29.7	26.6	3.6	1	4	24	196	394	54	3	0	0	0	0	0
14:00	624	30.8	26.5	4.2	1	3	10	185	354	64	5	0	0	0	0	2
15:00	686	29.5	25.3	4.0	3	8	31	256	337	44	7	0	0	0	0	0
16:00	832	30.1	26.2	3.8	5	6	16	238	484	76	7	0	0	0	0	0
17:00	771	30.1	23.0	6.9	66	51	80	203	298	69	3	1	0	0	0	0
18:00	597	31.9	27.9	3.9	2	1	11	89	351	127	14	2	0	0	0	0
19:00	421	32.0	27.9	3.9	0	1	4	69	244	86	12	3	0	0	0	0
20:00	322	31.0	27.1	3.8	0	1	7	73	189	51	5	0	0	0	0	0
21:00	248	32.4	26.4	4.4	0	2	4	52	143	30	11	3	1	0	0	0
22:00	173	33.0	28.2	4.7	0	2	1	31	90	17	37	10	0	0	1	0
23:00	97	32.8	28.1	4.5	0	0	0	1	11	30	11	3	1	0	0	0
Total																
2021-12-31	1182	29.9	26.1	3.7	2	14	33	356	670	105	5	0	0	0	0	0
2022-01-01	1130	30.2	25.9	4.1	4	11	41	441	691	108	12	0	0	0	0	0
2022-01-02	1047	30.5	26.0	4.4	81	99	99	281	622	82	28	2	0	0	0	0
A400-14	3635	31.0	31.4	4.4	83	105	304	2503	5236	1236	142	22	0	0	0	0
00:00	00:00	04:00	04:00	00:00	08:00	08:00	08:00	08:00	08:00	06:00	06:00	00:00	00:00	04:00	00:00	00:00
837	18.7	17.4														
PM Peak	00:00	22:00	22:00	15:00	17:00	17:00	15:00	08:00	08:00	08:00	08:00	21:00	12:00	22:00	12:00	04:00
837	18.7	22.3	16.0	66	35	38	295	484	137	94						



North Wales ATC 10, A547 Bridge Street

Direction: Westbound

06/05/2022																
Hour Beginning	Total Volume	ESD Percentile	Mean Average	Standard Deviation	Bin 1 10-14m	Bin 2 15-15	Bin 3 15-20	Bin 4 20-25	Bin 5 25-30	Bin 6 30-35	Bin 7 35-40	Bin 8 40-45	Bin 9 45-50	Bin 10 50-55	Bin 11 55-60	Bin 12 60-65
00:00	7	35.1	31.1	3.8	0	0	0	0	0	0	0	0	0	0	0	0
01:00	6	28.5	25.8	2.6	0	0	0	0	2	4	0	0	0	0	0	0
02:00	5	47.7	36.5	10.8	0	0	0	0	0	2	1	0	0	0	0	0
03:00	8	34.1	28.8	5.2	0	0	1	0	3	4	0	0	0	0	0	0
04:00	10	39.5	34.0	5.3	0	0	0	0	1	7	1	0	1	0	0	0
05:00	15	33.4	28.5	4.7	0	0	0	2	10	2	0	1	0	0	0	0
06:00	73	33.9	29.2	4.6	1	0	0	7	35	26	3	1	0	0	0	0
07:00	183	33.9	27.7	5.0	4	1	3	29	93	46	7	0	0	0	0	0
08:00	332	30.6	26.6	3.9	2	2	8	75	205	37	2	1	0	0	0	0
09:00	304	30.3	26.1	4.0	3	2	15	61	186	25	1	0	0	0	0	0
10:00	238	30.6	26.9	3.5	0	0	8	49	144	36	1	0	0	0	0	0
11:00	142	28.8	23.8	4.8	3	17	36	141	125	19	1	0	0	0	0	0
12:00	178	23.0	15.7	7.1	133	57	58	90	37	3	0	0	0	0	0	0
13:00	345	29.7	25.6	3.9	1	5	9	138	188	23	0	0	1	0	0	0
14:00	344	29.5	26.0	3.3	0	0	11	108	199	24	2	0	0	0	0	0
15:00	378	29.3	24.0	5.1	10	12	36	143	156	19	3	0	0	0	0	0
16:00	439	28.4	23.4	7.7	72	48	25	104	170	25	0	0	0	0	0	0
17:00	372	28.2	20.4	7.5	62	38	33	115	103	18	0	0	0	0	0	0
18:00	366	30.5	25.9	4.5	4	5	22	85	217	36	0	0	1	0	0	0
19:00	303	31.4	27.0	4.2	2	3	5	49	163	35	5	1	0	0	0	0
20:00	170	31.2	27.5	3.6	0	0	3	32	101	31	3	0	0	0	0	0
21:00	127	30.4	26.8	3.4	0	0	2	33	74	17	1	0	0	0	0	0
22:00	100	31.7	27.7	3.9	0	0	1	22	53	22	1	1	0	0	0	0
23:00	51	32.3	28.3	3.9	0	0	0	9	28	11	3	0	0	0	0	0
Total																
201614-121	580	29.8	25.1	4.6	3	17	44	190	269	55	2	0	0	0	0	0
201614-141	722	29.6	25.0	4.5	10	12	47	250	335	43	5	0	0	0	0	0
120167-131	4021	30.4	23.8	6.4	297	182	264	1135	1832	331	17	1	2	0	0	0
240169-241	4956	30.9	24.4	6.2	300	185	270	1071	2309	470	35	6	3	1	0	0
AM Peak	11:00	02:00	02:00	02:00	07:00	11:00	11:00	11:00	08:00	07:00	07:00	02:00	04:00	02:00	00:00	00:00
	342	47.7	36.5	10.8	4	17	36	141	205	46	7	1	1	1	0	0
PM Peak	16:00	23:00	23:00	16:00	12:00	12:00	12:00	15:00	18:00	18:00	19:00	19:00	13:00	12:00	12:00	12:00
	439	32.3	28.3	7.7	133	57	58	142	217	36	5	1	1	0	0	0

360 TSL Ltd

Direction: Eastbound

06/05/2022																
Hour Beginning	Total Volume	ESD Percentile	Mean Average	Standard Deviation	Bin 1 10-14m	Bin 2 15-15	Bin 3 15-20	Bin 4 20-25	Bin 5 25-30	Bin 6 30-35	Bin 7 35-40	Bin 8 40-45	Bin 9 45-50	Bin 10 50-55	Bin 11 55-60	Bin 12 60-65
00:00	10	36.8	33.0	3.7	0	0	0	0	2	5	3	0	0	0	0	0
01:00	8	34.1	28.4	4.6	0	0	0	0	1	4	2	1	0	0	0	0
02:00	4	35.2	30.0	5.0	0	0	0	0	3	0	1	0	0	0	0	0
03:00	11	44.1	34.8	9.0	0	0	0	1	3	1	0	3	1	0	1	0
04:00	10	36.5	32.0	4.4	0	0	0	0	3	6	0	1	0	0	0	0
05:00	14	31.1	28.4	3.6	0	0	0	4	21	22	0	1	0	0	0	0
06:00	161	34.7	30.2	4.3	0	0	0	13	75	52	19	3	0	0	0	0
07:00	168	32.2	28.9	3.2	0	0	1	22	239	107	8	1	0	0	0	0
08:00	455	30.9	26.9	3.8	1	3	12	93	271	72	1	0	0	0	0	0
09:00	371	30.1	26.7	3.2	0	1	2	94	232	39	3	0	0	0	0	0
10:00	355	30.3	26.7	3.5	0	2	7	83	217	45	1	0	0	0	0	0
11:00	376	29.7	23.6	4.8	2	18	36	183	120	13	1	1	2	0	0	0
12:00	288	27.1	22.8	4.1	3	3	57	155	70	10	0	0	0	0	0	0
13:00	351	29.9	26.1	3.7	1	5	114	199	23	7	0	0	0	0	0	0
14:00	331	29.4	26.0	3.3	0	1	5	111	193	18	2	1	0	0	0	0
15:00	362	29.0	25.1	3.7	0	1	20	155	158	22	3	0	0	0	0	0
16:00	402	29.4	25.7	3.5	0	1	13	149	206	31	2	0	0	0	0	0
17:00	333	29.4	25.4	3.6	4	0	10	129	166	24	0	0	0	0	0	0
18:00	264	30.0	26.3	3.6	0	1	8	78	148	27	2	0	0	0	0	0
19:00	203	31.2	26.7	4.3	1	1	8	48	112	28	5	0	0	0	0	0
20:00	175	31.2	27.5	3.6	0	2	18	81	71	2	0	0	0	0	0	0
21:00	104	31.2	27.9	3.2	0	0	2	12	66	24	0	0	0	0	0	0
22:00	63	32.0	28.3	3.6	0	0	2	4	38	16	1	0	0	0	0	0
23:00	44	33.3	28.4	4.7	0	0	1	8	22	8	5	0	0	0	0	0
Total																
201610-121	731	29.8	25.1	4.5	2	20	43	266	337	58	2	1	2	0	0	0
201614-141	460	29.2	25.5	3.6	0	2	27	266	331	40	5	1	0	0	0	0
120167-131	4255	30.1	25.9	4.0	11	32	179	1366	2199	431	32	3	2	0	0	0
240169-241	9050	30.6	26.3	4.2	12	34	294	1474	2635	618	69	11	2	1	0	0
AM Peak	08:00	03:00	03:00	03:00	11:00	11:00	11:00	11:00	08:00	07:00	06:00	03:00	11:00	03:00	00:00	00:00
	455	44.1	34.8	9.0	2	18	36	189	271	107	19	3	2	1	0	0
PM Peak	16:00	23:00	23:00	16:00	17:00	13:00	13:00	13:00	16:00	16:00	13:00	14:00	12:00	12:00	12:00	12:00
	402	33.3	28.4	4.7	4	3	57	155	206	31	7	1	0	0	0	0

360 TSL Ltd

Direction: Total Flow

Hour	Total	ESD Percentile	Mean Average	Standard Deviation	Bin 1 10-14m	Bin 2 15-15	Bin 3 15-20	Bin 4 20-25	Bin 5 25-30	Bin 6 30-35	Bin 7 35-40	Bin 8 40-45	Bin 9 45-50	Bin 10 50-55	Bin 11 55-60	Bin 12 60-65
00:00	17	36.1	32.2	3.7	0	0	0	3	8	2	1	0	0	0	0	0
01:00	14	32.2	27.9	4.1	0	0	0	0	1	1	1	0	1	0	0	0
02:00	9	42.9	33.6	8.9	0	0	0	0	4	1	1	0	1	0	0	0
03:00	19	40.6	32.2	8.1	0	0	1	1	6	7	0	3	0	1	0	0
04:00	20	38.0	33.0	4.8	0	0	0	4	13	1	1	1	0	0	0	0
05:00	69	33.2	29.2	3.8	0	0	0	6	37	24	0	2	0	0	0	0
06:00	234	34.9	29.9	4.4	1	0	0	9	110	78	22	4	0	0	0	0
07:00	541	31.6	28.5	4.0	4	1	4	51	312	153	15	1	0	0	0	0
08:00	787	30.8	26.8	3.8	3	5	20	168	476	109	5	1	0	0	0	0
09:00	675	30.2	26.5	3.6	3	3	17	157	427	64	4	0	0	0	0	0
10:00	593	30.4	26.8	3.5	0	2	15	132	361	81	2	0	0	0	0	0
11:00	718	28.7	23.7	4.8	5	26	72	324	245	32	1	2	0	0	0	0
12:00	676	26.0	18.8	6.9	136	60	115	245	107	13	0	0	0	0	0	0
13:00	696	29.0	25.9	3.8	2	6	15	252	267	46	7	0	0	0	0	0
14:00	675	29.5	26.0	3.3	0	1	16	219	392	42	4	1	0	0	0	0
15:00	739	29.2	24.5	4.5	10	13	58	297	334	41	6	0	0	0	0	0
16:00	841	30.3	23.4	6.5	72	44	38	253	376	56	7	0	0	0	0	0
17:00	705	29.5	22.7	6.6	69	38	43	244	269	42	0	0	0	0	0	0
18:00	659	30.3	26.1	4.1	4	6	30	159	365	63	2	0	0	0	0	0
19:00	466	31.2	26.8	4.2	3	4	13	97	275	63	10	1	0	0	0	0
20:00	295	31.2	27.5	3.6	0	1	5	50	182	52	5	0	0	0	0	0
21:00	231	30.8	28.3	3.4	0	0	4	45	148	74	22	10	4	0	0	0
22:00	161	31.8	27.9	3.8	0	0	3	26	91	38	2	1	0	0	0	0
23:00	95	32.8	28.3	4.3	0	0	1	17	50	19	8	0	0	0	0	0
Total	3111	29.8	25.1	4.5	5	37	87	656	606	113	4	1	2	0	0	0
2024-10-14	1454	29.5	25.2	4.1	10	14	74	516	708	83	10	1	0	0	0	0
2024-10-15	1657	30.1	24.9	5.4	30	24	443	681	742	74	10	4	0	0	0	0
2024-10-16	900	30.7	25.4	5.4	312	219	470	2745	484	1088	104	17	5	2	0	0
AMPH-24	787	32.0	33.6	8.9	1100	1100	1100	1100	1100	70.00	06.00	06.00	11.00	00.00	00.00	00.00
PMH-24	787	42.9	33.6	8.9	5	35	72	324	476	133	22	4	2	1	0	0
PMH-24	680	23.00	23.00	12.00	12.00	12.00	12.00	12.00	14.00	19.00	19.00	14.00	13.00	14.00	12.00	12.00
PMH-24	680	23.00	23.00	12.00	12.00	12.00	12.00	12.00	14.00	19.00	19.00	14.00	13.00	14.00	12.00	12.00



North Wales ATC 10, A547 Bridge Street

Direction: Westbound

07/05/2022																			
Hour Beginning	Total Volume	ESD Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-15	Bin 3 15-20	Bin 4 20-25	Bin 5 25-30	Bin 6 30-35	Bin 7 35-40	Bin 8 40-45	Bin 9 45-50	Bin 10 50-55	Bin 11 55-60	Bin 12 >=60			
00:00	13	34.1	30.1	4.7	0	0	0	4	12	15	0	0	0	0	0	0			
01:00	7	32.5	24.6	7.6	0	1	1	1	2	2	0	0	0	0	0	0			
02:00	9	32.1	26.4	6.5	0	1	0	2	3	1	0	0	0	0	0	0			
03:00	4	43.7	32.5	10.8	0	0	0	1	1	1	0	0	1	0	0	0			
04:00	8	39.3	29.4	9.6	0	1	0	2	0	3	1	1	0	0	0	0			
05:00	12	29.4	27.9	1.4	0	0	0	0	11	1	0	0	0	0	0	0			
06:00	34	35.2	31.0	4.0	0	0	0	2	11	16	5	0	0	0	0	0			
07:00	100	33.3	28.9	3.3	0	0	0	6	65	24	5	0	0	0	0	0			
08:00	176	31.3	28.2	3.0	0	0	0	0	17	120	36	3	0	0	0	0			
09:00	304	22.7	26.4	3.9	1	0	11	55	133	25	0	0	0	0	0	0			
10:00	286	30.0	26.3	3.6	1	0	8	81	165	30	1	0	0	0	0	0			
11:00	359	28.9	25.2	3.5	0	3	16	139	185	14	2	0	0	0	0	0			
12:00	333	29.7	24.1	3.4	15	8	24	124	140	19	3	0	0	0	0	0			
13:00	301	29.2	21.5	7.5	54	13	17	91	115	11	0	0	0	0	0	0			
14:00	333	29.7	26.3	3.4	1	0	8	90	208	24	2	0	0	0	0	0			
15:00	273	31.0	27.1	3.7	2	0	5	47	179	35	5	0	0	0	0	0			
16:00	302	30.5	26.7	3.6	0	1	9	75	177	43	2	0	0	0	0	0			
17:00	282	32.4	26.0	4.2	2	2	2	38	163	67	7	0	1	0	0	0			
18:00	216	32.6	27.9	4.6	2	1	4	36	112	54	5	2	0	0	0	0			
19:00	179	31.4	27.2	4.1	1	0	6	31	105	30	4	0	0	0	0	0			
20:00	141	30.9	27.1	3.7	0	1	2	31	81	25	1	0	0	0	0	0			
21:00	94	31.4	27.0	4.3	0	0	1	24	59	8	0	1	0	1	0	0			
22:00	85	30.9	27.7	3.1	0	0	0	14	55	15	1	0	0	0	0	0			
23:00	45	32.4	27.2	5.0	1	0	0	11	24	6	3	0	0	0	0	0			
Total	645	29.4	25.7	3.6	1	3	24	230	350	44	3	0	0	0	0	0			
2H(14-16)	406	30.3	26.7	3.5	3	0	13	137	387	59	7	0	0	0	0	0			
12H(7-19)	1188	31.0	26.0	4.8	78	28	264	799	1762	381	37	2	1	0	0	0			
24H(0-24)	1830	31.2	26.3	4.8	80	32	314	820	2126	506	52	6	2	1	0	0			
AM Peak	11:00	03:00	03:00	03:00	09:00	11:00	11:00	11:00	11:00	08:00	06:00	00:00	03:00	00:00	00:00	00:00			
	359	43.7	32.5	10.8	1	3	16	139	185	34	5	2	1	0	0	0			
PM Peak	17:00	18:00	17:00	13:00	13:00	13:00	12:00	12:00	14:00	17:00	17:00	18:00	17:00	21:00	12:00	12:00			
	333	32.6	28.0	7.5	54	13	24	124	208	67	7	2	1	1	0	0			

360 TSL Ltd

Direction: Eastbound

07/05/2022																			
Hour Beginning	Total Volume	ESD Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-15	Bin 3 15-20	Bin 4 20-25	Bin 5 25-30	Bin 6 30-35	Bin 7 35-40	Bin 8 40-45	Bin 9 45-50	Bin 10 50-55	Bin 11 55-60	Bin 12 >=60			
00:00	11	31.9	29.3	2.5	0	0	0	0	7	4	0	0	0	0	0	0			
01:00	20	30.9	25.0	5.7	0	2	2	7	7	1	1	0	0	0	0	0			
02:00	7	32.0	25.4	6.4	0	1	0	1	4	1	0	0	0	0	0	0			
03:00	7	32.1	30.4	2.7	0	0	0	0	0	1	4	0	0	0	0	0			
04:00	9	37.0	32.5	4.3	0	0	0	0	3	3	3	0	0	0	0	0			
05:00	13	33.8	30.4	3.3	0	0	0	0	17	13	3	0	0	0	0	0			
06:00	63	35.5	31.1	4.3	0	0	0	4	18	36	3	1	1	0	0	0			
07:00	137	33.0	29.4	3.5	0	0	1	9	70	52	5	0	0	0	0	0			
08:00	235	32.3	28.5	3.7	0	1	1	33	120	77	1	0	0	0	0	0			
09:00	293	30.5	27.5	3.0	0	0	3	42	203	44	1	0	0	0	0	0			
10:00	329	30.3	26.4	3.8	1	3	5	93	183	43	1	0	0	0	0	0			
11:00	389	29.7	26.2	3.3	0	0	7	123	224	33	1	1	0	0	0	0			
12:00	347	29.3	25.8	3.4	0	0	10	130	178	28	1	0	0	0	0	0			
13:00	306	29.4	25.9	3.4	0	0	7	110	163	24	2	0	0	0	0	0			
14:00	349	29.9	26.2	3.6	0	4	4	109	199	30	3	0	0	0	0	0			
15:00	356	29.8	26.7	3.5	0	0	4	89	227	35	1	0	0	0	0	0			
16:00	402	29.9	26.3	3.4	0	0	10	115	241	31	4	1	0	0	0	0			
17:00	322	32.1	27.2	4.7	1	0	4	81	159	51	3	0	0	0	1	2			
18:00	246	31.9	27.9	3.8	0	0	4	44	131	61	6	0	0	0	0	0			
19:00	208	31.3	27.5	3.7	0	0	1	44	125	33	3	2	0	0	0	0			
20:00	148	30.4	26.5	3.7	1	0	1	44	82	19	1	0	0	0	0	0			
21:00	120	31.5	27.8	3.6	0	0	0	20	81	13	5	1	0	0	0	0			
22:00	82	31.9	27.9	3.9	0	0	0	1	51	17	1	0	0	0	0	0			
23:00	38	33.6	29.2	4.2	0	0	0	6	16	13	3	0	0	0	0	0			
Total	718	30.0	26.3	3.5	1	3	12	236	407	76	2	1	0	0	0	0			
2H(14-16)	705	29.9	26.4	3.3	0	4	8	198	426	65	4	0	0	0	0	0			
12H(7-19)	1691	30.6	26.8	3.7	2	8	60	978	2098	509	31	2	0	1	2	0			
24H(0-24)	4437	30.9	27.0	3.8	3	11	63	1315	2515	666	54	6	1	1	2	0			
AM Peak	11:00	04:00	04:00	02:00	10:00	10:00	11:00	11:00	11:00	08:00	07:00	06:00	06:00	00:00	00:00	00:00			
	389	37.0	32.5	6.4	1	3	7	129	224	77	3	1	1	0	0	0			
PM Peak	16:00	22:00	23:00	17:00	17:00	14:00	13:00	12:00	16:00	18:00	18:00	19:00	12:00	17:00	17:00	12:00			
	402	33.6	29.2	4.7	1	4	10	139	241	61	6	2	0	1	2	0			

360 TSL Ltd

Direction: Total Flow

Hour	Total Vol	ESD Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-15	Bin 3 15-20	Bin 4 20-25	Bin 5 25-30	Bin 6 30-35	Bin 7 35-40	Bin 8 40-45	Bin 9 45-50	Bin 10 50-55	Bin 11 55-60	Bin 12 >=60
00:00	44	34.3	29.9	4.2	0	0	0	4	19	19	0	2	0	0	0	0
01:00	27	31.2	24.9	6.1	0	3	1	8	11	3	1	0	0	0	0	0
02:00	16	32.4	29.9	6.3	0	2	0	3	7	4	0	0	0	0	0	0
03:00	11	37.7	31.5	6.4	0	0	0	1	4	5	0	0	1	0	0	0
04:00	17	38.5	31.0	7.2	0	1	0	2	6	4	1	0	0	0	0	0
05:00	45	33.0	29.7	3.1	0	1	0	0	28	14	3	6	10	1	0	0
06:00	97	35.4	31.1	4.1	0	0	0	6	29	52	8	8	1	1	0	0
07:00	140	36.2	31.8	3.1	0	1	4	12	15	33	13	6	4	1	0	0
08:00	411	31.9	28.8	3.4	0	1	1	50	240	113	6	0	0	0	0	0
09:00	520	32.0	30.0	3.4	1	0	24	134	348	73	2	0	0	0	0	0
10:00	655	30.2	26.4	3.7	2	3	3	153	474	348	73	2	0	0	0	0
11:00	768	29.8	26.2	3.5	5	5	23	262	469	477	69	4	0	0	0	0
12:00	680	29.7	24.9	4.6	15	8	34	254	357	417	47	4	0	0	0	0
13:00	607	30.1	23.7	6.2	14	5	13	244	205	278	35	0	0	0	0	0
14:00	540	29.8	23.2	5.5	1	4	12	109	167	240	54	5	0	0	0	0
15:00	629	30.4	26.9	3.4	2	0	9	136	406	358	11	0	0	0	0	0
16:00	525	30.5	30.5	0	0	0	0	0	418	73	6	0	0	0	0	0
17:00	584	32.3	27.6	4.5	3	2	6	119	322	118	10	0	0	1	2	0
18:00	520	32.8	27.2	2.2	8	0	9	86	280	155	11	0	0	0	2	0
19:00	387	31.1	27.3	3.8	1	0	7	77	200	63	7	2	0	0	0	0
20:00	289	30.6	26.8	3.7	1	1	3	75	163	44	2	0	0	0	0	0
21:00	210	31.4	25.4	3.9	0	0	1	44	140	21	2	0	0	0	0	0
22:00	167	31.1	27.8	3.2	0	0	1	25	107	32	2	0	0	0	0	0
23:00	81	33.6	28.1	4.7	1	0	0	10	47	19	4	0	0	0	0	0
Total																
2023-12-15	1363	29.7	26.0	3.6	2	6	36	436	757	120	0	0	0	0	0	0
2023-12-16	1311	30.1	26.5	3.4	2	4	31	395	813	124	11	0	0	0	0	0
2023-12-17	1364	30.0	26.4	3.7	80	36	364	364	364	364	68	0	0	0	0	0
Ampm 14:00	8276	31.1	26.7	4.3	83	43	377	2075	4641	1372	106	12	3	2	2	0
Hour	01:00	04:00	07:00	10:00	13:00	16:00	19:00	22:00	01:00	04:00	07:00	10:00	13:00	16:00	19:00	22:00
Vol	160	122	160	160	160	160	160	160	160	160	160	160	160	160	160	160
ESD Percentile	30.0	23.0	23.0	12.0	13.0	13.0	13.0	13.0	25.0	25.0	37.0	38.0	38.0	17.0	17.0	12.0
Mean Average	30.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0



North Wales ATC 10, A547 Bridge Street

Direction: Westbound

08/05/2022																
Hour Beginning	Total Volume	ESD Percentile	Mean Average	Standard Deviation	Bin 1 <10th%	Bin 2 10-15	Bin 3 15-20	Bin 4 20-25	Bin 5 25-30	Bin 6 30-35	Bin 7 35-40	Bin 8 40-45	Bin 9 45-50	Bin 10 50-55	Bin 11 55-60	Bin 12 >=60
00:00	12	33.3	28.8	4.4	0	0	1	2	20	0	1	1	0	0	0	0
01:00	13	35.4	32.1	3.2	0	0	0	0	3	7	2	0	0	0	0	0
02:00	5	37.4	28.5	7.6	0	0	1	3	0	1	0	0	0	0	0	0
03:00	11	34.1	28.9	5.0	0	0	1	1	3	6	0	0	0	0	0	0
04:00	7	39.9	31.1	8.5	0	0	0	1	4	0	1	0	1	0	0	0
05:00	7	31.8	28.2	3.5	0	0	0	1	4	2	0	0	0	0	0	0
06:00	14	35.8	31.1	4.6	0	0	0	0	7	5	1	1	1	0	0	0
07:00	15	34.1	28.5	5.4	0	1	2	2	17	10	3	0	0	0	0	0
08:00	65	32.1	27.5	4.4	1	0	0	11	42	7	4	0	0	0	0	0
09:00	139	31.6	28.0	3.4	0	0	2	15	91	29	1	1	0	0	0	0
10:00	245	31.1	27.1	3.9	0	2	4	50	156	27	4	1	1	0	0	0
11:00	307	30.1	26.6	3.4	1	1	4	74	196	29	2	0	0	0	0	0
12:00	341	30.2	26.6	3.4	0	0	7	90	199	44	1	0	0	0	0	0
13:00	313	30.5	26.6	3.7	3	3	2	65	207	31	2	0	0	0	0	0
14:00	291	30.1	26.7	3.3	0	0	8	85	165	39	1	0	0	0	0	0
15:00	262	30.8	26.7	3.9	1	1	6	73	160	36	4	1	0	0	0	0
16:00	240	30.4	26.4	3.9	0	1	2	11	57	140	28	2	0	0	0	0
17:00	227	30.7	27.4	3.2	0	1	2	35	152	36	1	0	0	0	0	0
18:00	180	31.4	26.8	4.4	4	0	3	34	109	28	2	0	0	0	0	0
19:00	156	32.9	27.8	4.9	2	1	2	71	75	26	9	0	0	0	0	0
20:00	127	33.1	28.5	4.5	0	0	2	16	76	25	6	1	1	0	0	0
21:00	78	30.6	27.8	2.8	0	0	0	10	54	14	0	0	0	0	0	0
22:00	51	31.9	26.6	5.1	0	1	2	15	23	8	1	1	0	0	0	0
23:00	25	32.3	27.1	5.0	0	1	1	3	15	4	1	0	0	0	0	0
Total																
2H(10-12)	552	30.6	26.8	3.6	1	3	8	124	352	56	6	1	1	0	0	0
2H(14-16)	573	30.1	26.7	3.6	1	1	7	158	325	75	5	1	0	0	0	0
12H(7-19)	1605	30.7	26.9	3.7	10	11	44	593	1684	344	27	3	1	0	0	0
24H(0-24)	3171	31.1	27.1	3.9	12	14	53	662	1921	469	49	8	2	1	0	0
AM Peak	11:00	04:00	01:00	04:00	08:00	10:00	10:00	11:00	11:00	09:00	08:00	00:00	04:00	00:00	00:00	00:00
	307	38.9	32.1	8.5	1	2	4	74	196	29	4	1	1	0	0	0
PM Peak	12:00	20:00	20:00	22:00	18:00	13:00	16:00	12:00	13:00	12:00	19:00	15:00	12:00	20:00	12:00	12:00
	341	33.1	28.5	5.1	4	3	11	90	207	44	9	1	0	1	0	0

360 TSL Ltd

Direction: Eastbound

Hour	Total	ESD	Mean	Standard	Bin 1	Bin 2	Bin 3	Bin 4	Bin 5	Bin 6	Bin 7	Bin 8	Bin 9	Bin 10	Bin 11	Bin 12
00:00	26	32.2	29.0	3.1	0	0	0	2	14	10	0	0	0	0	0	0
01:00	11	38.6	33.9	4.5	0	0	0	2	5	1	1	0	0	0	0	0
02:00	6	30.4	28.3	2.0	0	0	0	0	5	1	0	0	0	0	0	0
03:00	3	32.7	27.5	5.0	0	0	0	1	1	1	0	0	0	0	0	0
04:00	9	37.9	28.1	9.5	0	1	1	1	2	2	1	1	0	0	0	0
05:00	22	33.7	30.2	3.4	0	0	0	1	9	11	1	0	0	0	0	0
06:00	36	35.5	30.8	4.5	0	0	1	18	10	6	1	0	0	0	0	0
07:00	65	34.3	30.0	4.1	0	0	3	3	33	40	6	0	0	0	0	0
08:00	133	32.9	29.1	3.7	0	0	0	10	79	37	5	2	0	0	0	0
09:00	216	32.1	28.2	3.8	0	1	0	35	121	51	8	0	0	0	0	0
10:00	353	30.3	26.6	3.6	0	1	10	89	207	43	3	0	0	0	0	0
11:00	361	29.8	26.2	3.5	0	0	11	111	200	38	1	0	0	0	0	0
12:00	375	30.0	26.6	3.3	0	2	1	105	228	36	3	0	0	0	0	0
13:00	394	29.8	26.6	3.0	0	6	92	259	37	0	0	0	0	0	0	0
14:00	360	29.9	26.2	3.6	0	1	11	110	200	36	2	0	0	0	0	0
15:00	305	30.4	27.0	3.3	0	3	94	233	39	5	1	0	0	0	0	0
16:00	314	30.4	26.6	3.6	1	0	8	78	185	40	2	0	0	0	0	0
17:00	312	30.5	26.9	3.7	1	2	4	66	260	35	2	0	0	0	0	0
18:00	280	30.3	27.0	3.4	0	0	2	66	238	43	0	0	0	0	0	0
19:00	185	31.8	27.9	3.8	0	0	4	26	114	35	5	1	0	0	0	0
20:00	126	32.1	28.3	3.7	0	0	18	75	94	0	2	0	0	0	0	0
21:00	83	33.8	29.0	4.7	0	0	2	11	40	20	10	0	0	0	0	0
22:00	65	33.8	28.0	5.5	0	2	3	5	38	11	4	0	0	0	0	0
23:00	28	40.2	31.4	8.3	0	0	0	2	15	6	3	0	0	0	0	2
Total																
2H(10-12)	714	30.1	26.4	3.5	0	1	21	200	407	81	4	0	0	0	0	0
2H(14-16)	725	30.2	26.6	3.5	0	1	14	194	433	75	7	1	0	0	0	0
12H(7-19)	3517	30.6	26.9	3.6	2	7	59	849	2083	407	18	4	0	0	0	0
24H(0-23)	4117	31.1	27.2	3.8	0	10	69	918	2412	622	71	10	1	0	0	0
PM Peak																
11:00	61.00	31.00	26.00	94.00	00.00	04.00	11.00	207	51.00	09.00	09.00	08.00	00.00	00.00	00.00	00.00
PM Peak	361	28.6	25.9	5.5	0	0	1	121	207	51	8	2	0	0	0	0
AM Peak																
12:00	23.00	33.00	33.00	23.00	16.00	12.00	14.00	12.00	30.00	18.00	21.00	26.00	22.00	12.00	23.00	12.00



North Wales ATC 10, A547 Bridge Street

Direction: Westbound																	09/05/2022	
Hour	Total Volume	ECM Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-15	Bin 3 15-20	Bin 4 20-25	Bin 5 25-30	Bin 6 30-35	Bin 7 35-40	Bin 8 40-45	Bin 9 45-50	Bin 10 50-55	Bin 11 55-60	Bin 12 >60		
00:00	12	35.5	27.5	4.3	0	0	0	1	7	3	0	0	0	0	0	0		
01:00	9	35.1	31.9	3.0	0	0	0	0	2	6	1	0	0	0	0	0		
02:00	5	41.5	32.5	8.7	0	0	0	0	0	1	0	0	0	0	0	0		
03:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0		
04:00	4	42.9	32.5	10.0	0	0	0	0	3	3	0	0	0	1	0	0		
05:00	22	35.1	31.1	3.8	0	0	0	2	2	4	14	2	0	0	0	0		
06:00	50	34.3	29.6	4.5	1	0	0	3	19	26	1	0	0	0	0	0		
07:00	193	32.1	28.3	3.7	1	1	1	18	119	50	3	0	0	0	0	0		
08:00	312	30.0	25.8	4.0	1	3	13	102	160	31	2	0	0	0	0	0		
09:00	270	29.9	25.9	3.9	0	4	10	85	145	24	0	0	0	0	0	0		
10:00	264	30.2	26.5	3.6	0	2	10	58	165	28	1	0	0	0	0	0		
11:00	244	30.7	27.0	3.6	0	1	4	54	149	32	4	0	0	0	0	0		
12:00	300	29.6	26.2	3.2	0	0	5	95	175	23	2	0	0	0	0	0		
13:00	296	29.3	25.9	3.3	0	0	7	108	155	26	0	0	0	0	0	0		
14:00	388	29.9	26.6	3.2	0	0	7	64	180	27	1	0	0	0	0	0		
15:00	362	29.4	25.2	4.0	0	6	24	127	176	29	0	0	0	0	0	0		
16:00	366	30.3	26.8	3.8	1	5	10	97	229	36	2	0	0	0	0	0		
17:00	427	30.8	26.9	3.7	1	5	9	77	273	60	2	0	0	0	0	0		
18:00	305	31.6	27.8	3.2	0	0	3	41	200	58	3	0	0	0	0	0		
19:00	175	31.3	28.4	2.8	0	0	0	11	122	40	1	0	0	0	0	0		
20:00	139	32.2	28.1	4.0	0	0	4	18	81	31	4	1	0	0	0	0		
21:00	69	31.2	26.6	4.4	1	1	1	14	42	9	0	0	0	0	0	0		
22:00	66	32.1	28.3	3.7	0	0	0	11	37	15	3	0	0	0	0	0		
23:00	22	32.2	28.4	3.7	0	0	0	3	13	5	1	0	0	0	0	0		
Total																		
2H(18-12)	928	30.5	26.7	3.6	0	3	14	112	314	60	5	0	0	0	0	0		
2H(14-10)	600	29.7	25.9	3.7	0	6	31	191	365	56	1	0	0	0	0	0		
12H(7-19)	1627	30.3	26.5	3.7	4	27	103	916	2131	434	22	0	0	0	0	0		
24H(0-24)	4200	30.7	26.7	3.8	6	28	280	979	2464	574	37	1	2	0	0	0		
AM Peak	08:00	04:00	02:00	04:00	06:00	09:00	08:00	08:00	10:00	07:00	11:00	00:00	02:00	00:00	00:00	00:00		
	312	42.9	31.5	10.0	1	4	13	102	165	50	4	0	1	0	0	0		
PM Peak	17:00	20:00	19:00	21:00	16:00	15:00	15:00	15:00	17:00	17:00	20:00	20:00	12:00	12:00	12:00	12:00		
	427	32.2	28.4	4.4	1	6	24	127	273	60	4	1	0	0	0	0		

360 TSL Ltd

Direction: Eastbound

Hour	Total Volume	ECM Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-15	Bin 3 15-20	Bin 4 20-25	Bin 5 25-30	Bin 6 30-35	Bin 7 35-40	Bin 8 40-45	Bin 9 45-50	Bin 10 50-55	Bin 11 55-60	Bin 12 >60
00:00	3	32.5	32.5	0.0	0	0	0	0	3	0	0	0	0	0	0	0
01:00	11	35.2	31.1	3.9	0	0	0	1	2	7	1	0	0	0	0	0
02:00	11	31.9	29.3	2.5	0	0	0	0	7	4	0	0	0	0	0	0
03:00	12	37.5	31.3	6.1	0	0	0	1	0	4	0	0	2	0	0	0
04:00	12	33.2	28.8	4.3	0	0	1	0	6	5	0	0	0	0	0	0
05:00	78	35.0	30.6	4.2	0	0	1	4	26	4	5	0	1	0	0	0
06:00	132	33.6	29.4	4.0	0	2	1	1	80	55	7	1	0	0	0	0
07:00	277	32.1	28.5	3.5	0	3	3	36	236	89	11	2	0	0	0	0
08:00	480	29.0	26.0	3.8	0	5	25	124	284	39	1	0	0	0	0	0
09:00	304	30.2	26.6	3.4	0	8	6	74	186	34	2	0	0	0	0	0
10:00	358	30.4	25.4	3.5	0	0	0	13	96	207	43	1	0	0	0	0
11:00	317	30.1	26.2	3.8	0	4	8	89	181	33	2	0	0	0	0	0
12:00	379	29.3	25.4	3.7	1	6	12	136	203	20	1	0	0	0	0	0
13:00	332	29.5	25.9	3.5	0	0	5	129	171	24	2	0	1	0	0	0
14:00	340	30.6	26.2	4.3	2	5	9	96	189	34	4	0	1	0	0	0
15:00	341	28.4	24.7	3.5	0	0	22	145	162	8	1	0	0	0	0	0
16:00	347	29.6	26.1	3.4	0	0	11	110	196	28	2	0	0	0	0	0
17:00	340	30.5	26.9	3.4	1	0	4	78	268	46	2	0	0	0	0	0
18:00	227	31.7	27.5	4.1	0	1	5	48	132	41	3	1	1	0	0	0
19:00	200	32.0	27.9	4.0	0	1	35	119	41	1	2	0	1	0	0	0
20:00	134	31.8	27.9	3.8	0	1	24	78	127	8	1	0	0	0	0	0
21:00	76	31.3	27.2	3.9	0	0	2	16	45	10	3	0	0	0	0	0
22:00	45	34.7	30.1	4.5	0	0	0	5	17	20	1	1	0	0	0	0
23:00	32	33.2	28.8	4.3	0	0	0	1	9	0	2	0	0	0	0	0
Total																
2H(18-12)	675	30.1	26.3	3.6	0	4	21	185	388	74	3	0	0	0	0	0
1H(12-18)	881	29.6	25.5	4.0	2	8	31	241	355	47	1	0	1	0	0	0
1H(6-12)	802	30.3	26.1	3.8	4	24	125	138	276	432	34	3	0	0	0	0
AM Peak	4888	30.8	26.7	3.9	4	26	132	1349	2750	654	57	11	4	0	0	0
PM Peak	480	33.0	30.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0
AM Peak	480	37.5	32.5	5.0	0	5	25	124	284	89	11	2	1	0	0	0
PM Peak	1200	22.0	22.0	0.0	1400	1200	1500	124	284	89	11	2	1	0	0	0



North Wales ATC 10, A547 Bridge Street

Direction: Westbound																	10/05/2022
Hour	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-15	Bin 3 15-20	Bin 4 20-25	Bin 5 25-30	Bin 6 30-35	Bin 7 35-40	Bin 8 40-45	Bin 9 45-50	Bin 10 50-55	Bin 11 55-60	Bin 12 >=60	
00:00	8	37.7	31.9	5.6	0	0	0	0	2	2	3	0	0	0	0	0	
01:00	5	45.9	34.5	11.0	0	0	0	0	3	0	1	0	0	0	1	0	
02:00	5	12.6	23.6	8.7	1	0	0	0	4	0	0	0	0	0	0	0	
03:00	5	32.3	26.5	2.7	0	0	0	0	3	2	0	0	0	0	0	0	
04:00	6	39.4	33.3	5.8	0	0	0	0	2	2	1	1	0	0	0	0	
05:00	16	34.7	29.7	4.8	0	0	0	2	8	3	3	0	0	0	0	0	
06:00	64	35.0	29.3	5.5	1	1	5	5	25	26	4	1	0	0	0	0	
07:00	194	32.2	27.7	4.3	2	0	4	33	104	46	5	0	0	0	0	0	
08:00	317	30.0	25.9	3.9	0	4	9	107	161	34	2	0	0	0	0	0	
09:00	266	29.9	26.1	3.7	1	2	7	76	173	24	1	0	0	0	0	0	
10:00	317	29.1	25.5	3.4	0	5	7	110	180	15	0	0	0	0	0	0	
11:00	279	29.4	25.3	3.9	0	4	16	97	146	12	4	0	0	0	0	0	
12:00	295	29.3	25.8	3.4	0	3	7	95	171	19	0	0	0	0	0	0	
13:00	300	29.7	26.4	3.2	0	2	4	74	200	19	0	0	0	0	0	0	
14:00	302	30.3	26.2	3.9	1	5	9	73	185	26	3	0	0	0	0	0	
15:00	330	29.1	25.0	4.0	1	0	27	131	152	14	5	0	0	0	0	0	
16:00	404	30.3	25.5	4.6	4	12	27	94	227	40	0	0	0	0	0	0	
17:00	389	29.3	24.2	5.0	5	17	41	135	166	23	2	0	0	0	0	0	
18:00	296	32.1	28.1	4.0	1	0	4	46	180	76	9	0	0	0	0	0	
19:00	214	31.2	27.6	3.5	0	2	0	34	139	34	5	0	0	0	0	0	
20:00	154	31.8	28.1	3.6	0	0	3	20	91	37	3	0	0	0	0	0	
21:00	61	32.1	27.9	4.1	0	0	3	13	44	18	3	0	0	0	0	0	
22:00	64	31.3	26.9	4.2	0	0	4	14	33	12	1	0	0	0	0	0	
23:00	18	32.6	28.1	3.8	0	0	0	3	11	3	1	0	0	0	0	0	
Total																	
2016-10-12	996	29.3	25.4	3.7	0	9	23	207	326	27	4	0	0	0	0	0	
2016-14-16	632	29.7	25.6	4.0	2	5	36	204	337	40	8	0	0	0	0	0	
12HCF-16	3708	30.2	25.9	4.1	15	54	364	2071	2025	348	31	1	0	0	0	0	
24HCB-24	4149	30.6	26.2	4.2	17	57	375	1033	2030	487	56	3	0	1	0	0	
AM Peak	08:00	01:00	02:00	03:00	07:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	00:00
	317	49.5	34.5	11.8	2	5	16	130	180	46	5	1	0	1	0	0	0
PM Peak	17:00	18:00	19:00	20:00	17:00	17:00	17:00	17:00	16:00	18:00	18:00	13:00	12:00	12:00	12:00	12:00	12:00

360 TSL Ltd

Direction: Eastbound																
Hour Beginning	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-15	Bin 3 15-20	Bin 4 20-25	Bin 5 25-30	Bin 6 30-35	Bin 7 35-40	Bin 8 40-45	Bin 9 45-50	Bin 10 50-55	Bin 11 55-60	Bin 12 >=60
00:00	8	31.1	28.8	2.3	0	0	0	0	6	2	0	0	0	0	0	0
01:00	5	30.8	26.5	4.2	0	0	0	2	2	0	0	0	0	0	0	0
02:00	3	37.2	34.2	2.9	0	0	0	0	0	2	1	0	0	0	0	0
03:00	8	32.4	28.8	3.5	0	0	0	1	4	1	3	0	0	0	0	0
04:00	18	32.4	28.9	3.3	0	0	0	1	12	4	1	0	0	0	0	0
05:00	63	35.3	31.2	4.0	0	0	0	1	0	31	40	9	2	0	0	0
06:00	167	34.6	30.4	4.0	1	0	4	74	72	14	2	0	0	0	0	0
07:00	364	32.9	28.8	4.0	1	1	5	5	192	138	12	1	0	0	0	0
08:00	458	30.0	26.4	3.5	0	15	123	269	48	1	0	0	0	0	0	0
09:00	340	30.3	26.6	3.6	0	1	8	89	196	44	2	0	0	0	0	0
10:00	334	29.6	25.7	3.8	1	2	15	107	184	23	0	0	0	0	0	0
11:00	324	29.2	25.6	3.4	0	2	11	114	178	18	1	0	0	0	0	0
12:00	325	30.1	25.6	4.3	0	9	19	90	181	20	6	0	0	0	0	0
13:00	342	29.7	26.0	3.6	0	9	19	118	179	34	1	0	0	0	0	0
14:00	297	29.9	26.2	3.5	0	2	7	87	171	29	1	0	0	0	0	0
15:00	309	28.8	24.7	3.9	0	27	128	137	12	1	0	0	0	0	0	0
16:00	382	29.2	25.7	3.3	0	0	7	153	190	31	1	0	0	0	0	0
17:00	375	29.8	26.9	3.3	0	0	7	113	219	33	3	0	0	0	0	0
18:00	270	32.0	27.9	3.8	0	0	6	38	163	55	5	1	0	0	0	0
19:00	180	32.0	27.7	4.2	0	2	4	27	106	37	2	2	0	0	0	0
20:00	141	31.6	27.9	3.6	0	0	1	75	82	29	4	0	0	0	0	0
21:00	104	30.9	26.5	4.2	0	0	4	33	49	15	3	0	0	0	0	0
22:00	10	32.6	28.6	3.8	0	0	0	8	25	15	1	0	0	0	0	0
23:00	15	32.8	30.2	2.6	0	0	0	0	7	8	0	0	0	0	0	0
Total																
2016-10-12	658	29.4	25.7	3.6	1	4	26	221	362	41	3	0	0	0	0	0
2016-14-16	406	29.4	25.5	3.8	0	4	34	215	308	41	4	0	0	0	0	0
12HCF-16	4120	30.3	26.3	3.8	3	20	136	1194	2219	465	39	4	0	0	0	0
24HCB-24	4902	30.8	26.7	4.0	4	22	146	1295	2637	693	75	80	0	0	0	0
AM Peak	08:00	01:00	02:00	03:00	06:00	10:00	08:00	08:00	08:00	07:00	06:00	05:00	00:00	00:00	00:00	00:00
PM Peak	17:00	18:00	19:00	20:00	13:00	13:00	15:00	15:00	17:00	18:00	13:00	18:00	12:00	12:00	12:00	12:00
004	34.2	30.2	4.3	1	9	27	153	219	55	6	3	0	0	0	0	0

360 TSL Ltd

Direction: Total Flow																	
Hour Beginning	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-15	Bin 3 15-20	Bin 4 20-25	Bin 5 25-30	Bin 6 30-35	Bin 7 35-40	Bin 8 40-45	Bin 9 45-50	Bin 10 50-55	Bin 11 55-60	Bin 12 >=60	
00:00	16	34.9	30.3	4.5	0	0	0	1	8	4	3	0	0	0	0	0	
01:00	10	39.7	30.5	8.9	0	0	0	2	5	3	1	0	0	0	1	0	
02:00	8	36.6	27.6	8.7	1	0	0	0	4	2	1	0	0	0	0	0	
03:00	13	32.3	29.0	3.2	0	0	0	0	1	7	5	0	0	0	0	0	
04:00	24	34.6	30.0	4.4	0	0	0	1	14	6	2	1	0	0	0	0	
05:00	59	35.3	31.0	4.1	0	0	1	2	39	43	12	2	0	0	0	0	
06:00	93	36.1	4.5	2	1	1	9	9	39	43	12	2	0	0	0	0	
07:00	558	32.7	28.4	4.1	3	1	9	26	298	164	17	0	0	0	0	0	
08:00	775	30.2	28.2	4.0	5	2	24	260	424	82	4	0	0	0	0	0	
09:00	624	30.4	28.4	3.8	1	3	17	265	380	82	4	0	0	0	0	0	
10:00	611	29.4	25.6	3.6	1	7	22	227	364	38	0	0	0	0	0	0	
11:00	625	30.5	3.7	0	1	7	27	217	318	38	0	0	0	0	0	0	
12:00	620	29.8	26.7	3.9	0	12	26	185	352	39	6	0	0	0	0	0	
13:00	542	30.2	26.2	3.4	2	2	13	152	329	59	1	0	0	0	0	0	
14:00	599	30.1	26.2	3.7	1	7	16	160	356	55	5	0	0	0	0	0	
15:00	639	28.9	24.9	3.9	1	2	54	259	289	26	0	0	0	0	0	0	
16:00	784	29.6	26.1	4.1	4	12	34	247	417	71	8	1	0	0	0	0	
17:00	764	29.8	25.2	4.4	5	17	48	248	385	56	5	0	0	0	0	0	
18:00	731	32.0	3.9	1	0	10	47	318	338	18	0	0	0	0	0	0	
19:00	394	31.6	27.6	3.8	0	4	4	4	165	275	7	2	0	0	0	0	
20:00	394	31.6	27.6	3.8	0	4	4	4	165	275	7	2	0	0	0	0	
21:00	185	31.4	27.1	4.2	0	0	0	7	46	93	33	6	0	0	0	0	
22:00	114	31.9	27.6	4.1	0	0	0	4	22	58	27	3	0	0	0	0	
23:00	33	32.6	29.0	3.4	0	0	0	3	3	15	11	1	0	0	0	0	
<b>Total</b>																	
20181210	1254	29.3	25.6	3.6	1	13	49	428	688	68	7	0	0	0	0	0	
20181211	1284	29.5	25.5	3.8	2	9	74	247	645	81	12	0	0	0	0	0	
20181212	763	30.7	26.1	4.0	18	74	300	225	434	813	70	0	0	0	0	0	
20181213	921	30.7	26.5	4.1	21	249	321	2458	5047	1180	131	0	0	0	0	0	
<b>APM Peak</b>																	
08:00	1150	30.5%	25.00	4.00	07:00	1010	31.00	1121	2938	1066	106.00	06:00	1050	30.00	11:00	1000.00	08:00
09:00	818	31.0%	25.00	4.00	08:00	818	31.0%	947	2471	646	81.12	07:00	700	30.00	12:00	1000.00	09:00
<b>PM Peak</b>																	
17:00	2330	32.0%	27.00	4.75	17:00	1740	31.00	2150	3130	84.00	18:00	1840	32.00	13:00	1230.00	12:00	17:00
18:00	225	32.5%	25.00	4.00	5	17	54	295	617	131	34	3	0	0	0	0	



North Wales ATC 10, A547 Bridge Street

Direction: Westbound

11/05/2022																
Hour Beginning	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-15	Bin 3 15-20	Bin 4 20-25	Bin 5 25-30	Bin 6 30-35	Bin 7 35-40	Bin 8 40-45	Bin 9 45-50	Bin 10 50-55	Bin 11 55-60	Bin 12 >60
00:00	10	30.7	26.5	2.1	0	0	0	0	0	0	0	0	0	0	0	0
01:00	3	35.2	29.2	5.8	0	0	0	0	1	2	0	0	0	0	0	0
02:00	5	35.2	24.6	10.2	1	0	0	1	1	1	0	0	0	0	0	0
03:00	9	32.8	29.2	3.5	0	0	0	1	4	4	0	0	0	0	0	0
04:00	6	39.1	32.5	6.3	0	0	0	0	3	1	1	1	0	0	0	0
05:00	17	33.6	30.4	3.1	0	0	0	1	5	11	0	0	0	0	0	0
06:00	70	31.2	28.7	4.3	0	1	1	7	35	23	3	0	0	0	0	0
07:00	175	31.5	27.7	3.7	1	0	2	127	104	40	1	0	0	0	0	0
08:00	366	30.3	24.2	5.9	19	18	19	93	184	22	1	0	0	0	0	0
09:00	278	30.9	23.7	7.0	30	13	14	51	149	21	0	0	0	0	0	0
10:00	273	30.5	26.6	3.8	1	1	8	64	162	35	2	0	0	0	0	0
11:00	291	29.4	25.4	3.8	1	6	9	95	185	35	0	0	0	0	0	0
12:00	311	30.1	26.3	3.6	0	2	7	87	183	30	1	1	0	0	0	0
13:00	326	29.8	25.8	3.9	1	3	18	92	186	25	1	0	0	0	0	0
14:00	310	29.2	25.6	3.5	2	1	7	112	171	16	1	0	0	0	0	0
15:00	359	28.9	22.3	6.3	22	31	50	114	124	15	3	0	0	0	0	0
16:00	408	29.4	25.8	3.5	0	2	18	127	233	27	4	0	0	0	0	0
17:00	393	31.5	24.8	6.4	23	18	26	82	182	60	2	0	0	0	0	0
18:00	296	31.1	27.3	3.6	0	1	2	64	174	49	6	0	0	0	0	0
19:00	215	31.9	27.3	4.4	0	1	8	47	109	42	7	1	0	0	0	0
20:00	217	31.5	28.1	3.3	0	0	1	26	142	44	3	1	0	0	0	0
21:00	133	30.2	26.4	3.6	0	1	2	39	74	15	1	0	0	0	0	0
22:00	113	31.8	27.9	3.7	0	0	0	23	62	24	4	0	0	0	0	0
23:00	52	31.9	27.7	4.1	0	0	0	12	29	8	1	1	0	0	0	0
Total																
201614-12	564	30.0	26.0	3.8	2	7	17	159	327	50	2	0	0	0	0	0
201614-16	669	29.5	23.8	5.5	24	32	57	226	295	31	4	0	0	0	0	0
12047-19	3776	30.5	25.3	5.0	100	96	180	1008	2017	355	19	1	0	0	0	0
24002-24	4026	30.9	25.8	5.0	101	99	102	1106	2489	535	39	5	0	0	0	0
AM Peak	08:00	04:00	04:00	02:00	09:00	08:00	08:00	11:00	08:00	07:00	06:00	04:00	00:00	00:00	00:00	00:00
	366	38.1	32.5	10.2	30	18	19	95	184	40	3	1	0	0	0	0
PM Peak	16:00	23:00	20:00	17:00	17:00	15:00	15:00	16:00	16:00	17:00	19:00	12:00	12:00	12:00	12:00	12:00
	408	31.9	28.1	6.4	23	31	50	127	233	60	7	1	0	0	0	0

360 TSL Ltd

Direction: Eastbound

11/05/2022																
Hour Beginning	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-15	Bin 3 15-20	Bin 4 20-25	Bin 5 25-30	Bin 6 30-35	Bin 7 35-40	Bin 8 40-45	Bin 9 45-50	Bin 10 50-55	Bin 11 55-60	Bin 12 >60
00:00	7	30.2	28.2	1.9	0	0	0	0	6	1	0	0	0	0	0	0
01:00	7	30.2	28.2	1.9	0	0	0	0	0	0	0	0	0	0	0	0
02:00	4	33.0	30.0	2.9	0	0	0	0	2	2	0	0	0	0	0	0
03:00	8	33.3	30.6	2.6	0	0	0	0	1	5	0	0	0	0	0	0
04:00	15	35.1	30.8	4.1	0	0	0	1	5	7	2	0	0	0	0	0
05:00	65	34.4	29.9	4.5	0	0	1	5	30	23	7	0	0	0	0	0
06:00	166	33.2	29.4	3.7	0	1	1	6	93	55	10	0	0	0	0	0
07:00	357	31.3	27.8	3.4	0	1	9	37	235	72	3	0	0	0	0	0
08:00	474	30.8	26.0	4.7	3	0	29	134	261	134	0	0	0	0	0	0
09:00	324	29.5	25.8	3.5	1	1	14	93	195	20	0	0	0	0	0	0
10:00	336	29.2	27.7	3.3	0	10	10	113	181	23	0	0	0	0	0	0
11:00	306	29.3	25.4	3.8	1	1	11	122	152	15	3	1	0	0	0	0
12:00	344	29.7	25.8	3.7	0	3	12	108	171	29	1	0	0	0	0	0
13:00	345	29.3	26.0	3.2	1	8	109	203	24	0	0	0	0	0	0	0
14:00	354	29.7	26.0	3.6	0	3	8	112	199	30	2	0	0	0	0	0
15:00	375	28.6	24.6	5.9	1	6	28	158	158	13	1	0	0	0	0	0
16:00	400	30.0	26.4	3.5	0	2	14	97	243	44	0	0	0	0	0	0
17:00	311	30.5	26.7	3.8	0	0	13	96	268	54	0	0	0	0	0	0
18:00	285	30.9	27.2	3.6	0	0	4	68	157	53	3	0	0	0	0	0
19:00	199	31.8	28.0	3.7	0	0	5	38	113	51	1	1	0	0	0	0
20:00	173	31.4	27.2	4.0	0	0	5	36	102	35	4	0	1	0	0	0
21:00	107	32.5	27.9	4.5	1	0	1	19	59	22	4	1	0	0	0	0
22:00	65	33.8	28.0	4.7	0	0	1	8	35	15	4	1	0	0	0	0
23:00	29	34.7	30.4	4.1	0	0	0	1	14	11	2	1	0	0	0	0
Total																
201614-12	632	29.3	25.6	3.5	1	2	21	235	333	36	3	1	0	0	0	0
201614-16	729	29.2	25.3	3.8	1	9	36	270	367	43	3	0	0	0	0	0
12047-19	4241	30.0	26.1	3.8	6	19	160	1247	2368	420	18	1	0	0	0	2
24002-24	6086	30.6	26.5	3.9	7	20	174	1301	2836	636	52	7	1	0	0	2
AM Peak	08:00	04:00	04:00	08:00	08:00	06:00	08:00	08:00	08:00	07:00	06:00	05:00	00:00	00:00	00:00	08:00
	474	35.1	30.8	4.7	3	1	29	134	261	72	39	1	0	0	0	2
PM Peak	16:00	23:00	23:00	22:00	15:00	15:00	15:00	15:00	16:00	17:00	17:00	22:00	20:00	12:00	12:00	12:00
	400	34.7	30.4	4.7	1	6	22	158	243	54	5	2	1	0	0	0

360 TSL Ltd

Direction: Total Flow

11/05/2022																
Hour Beginning	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-15	Bin 3 15-20	Bin 4 20-25	Bin 5 25-30	Bin 6 30-35	Bin 7 35-40	Bin 8 40-45	Bin 9 45-50	Bin 10 50-55	Bin 11 55-60	Bin 12 >60
00:00	17	30.4	28.4	2.0	0	0	0	0	14	3	0	0	0	0	0	0
01:00	10	31.8	28.5	3.2	0	0	0	1	6	3	0	0	0	0	0	0
02:00	9	35.2	27.0	7.8	1	0	0	1	3	4	0	0	0	0	0	0
03:00	17	33.1	29.9	3.1	0	0	0	1	7	9	0	0	0	0	0	0
04:00	21	36.2	31.3	4.7	0	0	0	0	1	8	1	1	0	0	0	0
05:00	82	34.4	30.0	4.2	0	0	1	6	35	32	7	1	0	0	0	0
06:00	236	31.2	28.2	3.9	0	2	7	33	128	78	13	0	0	0	0	0
07:00	532	31.4	27.8	3.5	1	1	11	64	339	112	4	0	0	0	0	0
08:00	830	30.7	25.2	5.3	22	18	48	227	445	67	1	0	0	0	0	2
09:00	602	30.5	24.8	5.5	31	14	28	144	344	41	0	0	0	0	0	0
10:00	599	29.8	26.1	3.6	1	2	18	177	343	56	2	0	0	0	0	0
11:00	597	29.2	25.4	3.8	2	7	20	217	317	30	1	0	0	0	0	0
12:00	635	28.9	26.1	3.7	0	5	19	195	354	59	2	1	0	0	0	0
13:00	671	29.0	25.9	3.6	1	4	26	201	380	49	1	0	0	0	0	0
14:00	664	29.5	25.8	3.6	2	4	15	224	370	46	3	0	0	0	0	0
15:00	734	29.0	23.5	5.3	23	37	78	272	292	28	4	0	0	0	0	0
16:00	808	29.7	26.1	3.5	0	4	32	224	476	71	1	0	0	0	0	0
17:00	764	31.3	25.7	3.4	23	18	39	178	385	114	7	0	0	0	0	0
18:00	581	31.6	27.3	3.6	0	1	6	132	331	102	9	0	0	0	0	0
19:00	414	31.9	27.6	4.1	0	1	13	75	222	93	8	2	0	0	0	0
20:00	380	31.5	27.7	3.7	0	0	6	62	244	69	7	1	1	0	0	0
21:00	240	31.3	27.1	4.1	1	1	3	38	133	38	7	1	0	0	0	0
22:00	178	32.5	28.3	4.1	0	0	1	31	97	39	8	2	0	0	0	0
23:00	81	33.3	28.7	4.3	0	0	0	14	20	3	1	0	0	0	0	0
Total	10600															
2024-12-10	1136	29.6	25.8	3.7	3	9	38	386	860	86	5	0	0	0	0	0
2024-12-11	1198	29.5	24.6	4.7	25	41	91	496	682	74	7	0	0	0	0	0
2024-12-12	1067	30.1	24.7	4.4	306	315	360	423	737	37	0	0	0	0	0	0
2024-12-13	972	30.8	26.3	4.5	108	119	366	2517	3225	1171	91	12	1	0	0	0
Avg	1060	30.4	26.0	4.4	10	19	78	400	860	86	5	0	0	0	0	0
Std	180	1.8	1.2	1.2	1	1	1	1	1	1	1	1	1	1	1	1
Min	10	28.0	23.0	17.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max	840	33.3	28.9	7.4	25	45	76	272	476	134	8	2	0	0	0	2



North Wales ATC 13, A548

Direction: Northbound

Hour Beginning	Thu 28/04/2022	Fri 29/04/2022	Sat 30/04/2022	Sun 01/05/2022	Mon 02/05/2022	Tue 03/05/2022	Wed 04/05/2022	5-Day Ave.	7-Day Ave.
00:00	1	0	2	2	2	2	2	1	2
01:00	1	3	3	3	2	1	3	2	2
02:00	5	0	1	4	5	1	2	3	3
03:00	1	1	1	2	1	0	3	1	1
04:00	1	1	2	3	4	3	6	3	3
05:00	12	5	4	4	2	7	16	8	7
06:00	29	31	21	6	10	32	29	26	23
07:00	91	101	62	15	31	106	113	88	74
08:00	155	154	88	60	63	161	170	141	122
09:00	162	164	102	95	110	142	140	144	131
10:00	138	123	137	110	142	168	146	143	138
11:00	130	172	158	126	171	140	113	145	144
12:00	161	166	128	145	168	163	168	165	157
13:00	154	128	105	119	128	110	112	126	122
14:00	141	145	144	124	158	137	109	138	137
15:00	168	175	110	120	168	171	177	172	156
16:00	234	171	141	113	155	201	218	196	176
17:00	184	196	132	105	139	171	144	167	153
18:00	86	80	97	96	120	92	93	94	95
19:00	66	67	68	63	72	63	68	67	67
20:00	56	47	56	48	76	29	53	52	52
21:00	40	23	42	26	45	31	25	33	33
22:00	36	22	24	32	29	18	21	25	26
23:00	9	15	5	9	12	9	10	11	10
Total									
12H(7-19)	1804	1775	1404	1228	1553	1762	1703	1719	1604
16H(6-22)	1995	1943	1591	1371	1756	1917	1878	1898	1779
18H(6-24)	2040	1980	1620	1412	1797	1944	1909	1934	1815
24H(0-24)	2061	1990	1633	1430	1813	1958	1941	1953	1832
AM Peak	09:00	11:00	11:00	11:00	11:00	10:00	08:00	11:00	11:00
	162	172	158	126	171	168	170	145	144
PM Peak	16:00	17:00	14:00	12:00	12:00	16:00	16:00	16:00	16:00
	234	196	144	145	168	201	218	196	176

360 TSL Ltd

Direction: Southbound

Hour Beginning	Thu 28/04/2022	Fri 29/04/2022	Sat 30/04/2022	Sun 01/05/2022	Mon 02/05/2022	Tue 03/05/2022	Wed 04/05/2022	5-Day Ave.	7-Day Ave.
00:00	4	2	4	12	22	6	3	7	8
01:00	1	1	7	9	6	0	2	2	4
02:00	3	1	1	2	4	0	4	2	2
03:00	0	3	2	2	3	2	5	3	2
04:00	4	2	4	1	1	4	3	3	3
05:00	4	4	3	1	1	7	5	4	4
06:00	25	29	9	11	17	37	36	29	23
07:00	99	119	41	33	31	104	103	91	76
08:00	296	212	72	38	47	235	267	211	167
09:00	187	154	83	66	88	174	140	149	127
10:00	171	99	117	91	131	123	122	129	122
11:00	135	117	133	130	184	101	145	136	135
12:00	126	131	159	140	165	115	126	133	137
13:00	168	159	133	134	167	148	133	155	149
14:00	141	148	136	156	179	142	138	150	149
15:00	133	147	118	100	141	140	126	137	129
16:00	167	169	157	97	147	171	188	168	157
17:00	178	179	95	71	116	167	177	163	149
18:00	111	125	111	80	100	100	124	112	107
19:00	88	97	81	50	85	102	79	90	83
20:00	68	54	43	63	51	48	48	54	54
21:00	39	52	58	22	35	29	24	36	37
22:00	39	34	36	14	23	27	18	28	27
23:00	8	28	9	8	8	12	4	12	11
Total									
12H(7-19)	1912	1759	1355	1136	1496	1720	1789	1735	1595
16H(6-22)	2132	1991	1546	1282	1684	1936	1976	1944	1792
18H(6-24)	2179	2053	1591	1304	1715	1975	1998	1984	1831
24H(0-24)	2195	2066	1612	1331	1752	1994	2020	2005	1853
AM Peak	08:00	08:00	11:00	11:00	11:00	08:00	08:00	08:00	08:00
	296	212	133	130	184	235	267	211	167
PM Peak	17:00	17:00	12:00	14:00	14:00	16:00	16:00	16:00	16:00
	178	179	159	156	179	171	188	168	157

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Thu 28/04/2022	Fri 29/04/2022	Sat 30/04/2022	Sun 01/05/2022	Mon 02/05/2022	Tue 03/05/2022	Wed 04/05/2022	5-Day Ave.	7-Day Ave.
00:00	5	2	6	14	24	8	5	9	9
01:00	2	4	10	12	8	1	5	4	6
02:00	8	1	2	6	9	1	6	5	5
03:00	1	4	3	4	4	2	8	4	4
04:00	5	3	6	4	5	7	9	6	6
05:00	16	9	7	5	3	14	21	13	11
06:00	54	60	30	17	27	69	65	55	46
07:00	190	220	103	48	62	210	216	180	150
08:00	451	366	160	98	110	396	437	352	288
09:00	349	318	185	161	198	316	280	292	258
10:00	309	222	254	201	273	291	268	273	260
11:00	265	289	291	256	355	241	258	282	279
12:00	287	297	287	285	333	278	294	298	294
13:00	322	287	238	253	295	248	245	281	271
14:00	282	293	280	280	337	279	247	288	285
15:00	301	322	228	220	309	311	303	309	285
16:00	401	340	298	210	302	372	406	364	333
17:00	362	375	227	176	255	338	321	330	293
18:00	197	205	208	176	220	192	217	206	202
19:00	154	164	149	113	157	165	147	157	150
20:00	124	101	99	111	127	77	101	106	106
21:00	79	75	100	48	80	60	49	69	70
22:00	75	56	60	46	52	45	39	53	53
23:00	17	43	14	17	20	21	14	23	21
Total									
12H(7-19)	3716	3534	2759	2364	3049	3482	3492	3455	3199
16H(6-22)	4127	3934	3137	2653	3440	3853	3854	3842	3571
18H(6-24)	4219	4033	3211	2716	3512	3919	3907	3918	3645
24H(0-24)	4256	4056	3245	2761	3565	3952	3961	3958	3685
AM Peak	08:00	08:00	11:00	11:00	11:00	08:00	08:00	08:00	08:00
	451	366	291	256	355	396	437	352	288
PM Peak	16:00	17:00	16:00	12:00	14:00	16:00	16:00	16:00	16:00
	401	375	298	285	337	372	406	364	333

360 TSL Ltd





## North Wales ATC 13, A548

Direction: Northbound

	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 28 Apr 2022	2061	1638	389	10	24
Fri 29 Apr 2022	1990	1595	361	14	20
Sat 30 Apr 2022	1633	1434	185	4	10
Sun 1 May 2022	1430	1258	163	7	2
Mon 2 May 2022	1813	1594	210	6	3
Tue 3 May 2022	1958	1480	436	11	31
Wed 4 May 2022	1941	1452	451	14	24
5 Day Ave.	1953	1552	369	11	20
7 Day Ave.	1832	1493	314	9	16

Direction: Southbound

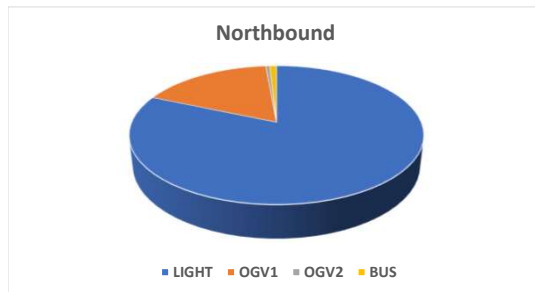
	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 28 Apr 2022	2195	1774	385	20	16
Fri 29 Apr 2022	2066	1662	364	17	23
Sat 30 Apr 2022	1612	1311	268	13	20
Sun 1 May 2022	1331	1063	253	8	7
Mon 2 May 2022	1752	1400	340	6	6
Tue 3 May 2022	1994	1125	784	21	64
Wed 4 May 2022	2020	1358	619	12	31
5 Day Ave.	2005	1464	498	15	28
7 Day Ave.	1853	1385	430	14	24

Direction: Total Flow

	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 28 Apr 2022	4256	3412	774	30	40
Fri 29 Apr 2022	4056	3257	725	31	43
Sat 30 Apr 2022	3245	2745	453	17	30
Sun 1 May 2022	2761	2321	416	15	9
Mon 2 May 2022	3565	2994	550	12	9
Tue 3 May 2022	3952	2605	1220	32	95
Wed 4 May 2022	3961	2810	1070	26	55
5 Day Ave.	3958	3016	868	26	48
7 Day Ave.	3685	2878	744	23	40

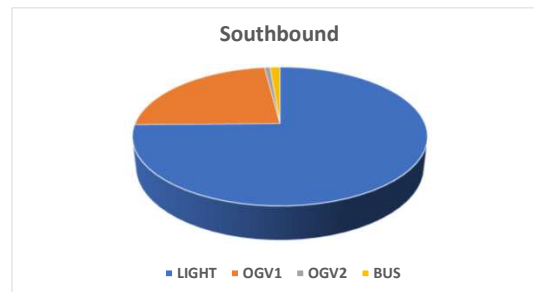
	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 28 Apr 2022	100.0%	79.5%	18.9%	0.5%	1.2%
Fri 29 Apr 2022	100.0%	80.2%	18.1%	0.7%	1.0%
Sat 30 Apr 2022	100.0%	87.8%	11.3%	0.2%	0.6%
Sun 1 May 2022	100.0%	88.0%	11.4%	0.5%	0.1%
Mon 2 May 2022	100.0%	87.9%	11.6%	0.3%	0.2%
Tue 3 May 2022	100.0%	75.6%	22.3%	0.6%	1.6%
Wed 4 May 2022	100.0%	74.8%	23.2%	0.7%	1.2%
5 Day Ave.	100.0%	79.5%	18.9%	0.6%	1.0%
7 Day Ave.	100.0%	81.5%	17.1%	0.5%	0.9%

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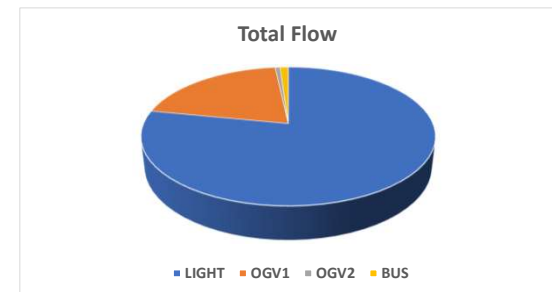
	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 28 Apr 2022	100.0%	80.8%	17.5%	0.9%	0.7%
Fri 29 Apr 2022	100.0%	80.4%	17.6%	0.8%	1.1%
Sat 30 Apr 2022	100.0%	81.3%	16.6%	0.8%	1.2%
Sun 1 May 2022	100.0%	79.9%	19.0%	0.6%	0.5%
Mon 2 May 2022	100.0%	79.9%	19.4%	0.3%	0.3%
Tue 3 May 2022	100.0%	56.4%	39.3%	1.1%	3.2%
Wed 4 May 2022	100.0%	67.2%	30.6%	0.6%	1.5%
5 Day Ave.	100.0%	73.0%	24.9%	0.8%	1.4%
7 Day Ave.	100.0%	74.7%	23.2%	0.7%	1.3%

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	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 28 Apr 2022	100.0%	80.2%	18.2%	0.7%	0.9%
Fri 29 Apr 2022	100.0%	80.3%	17.9%	0.8%	1.1%
Sat 30 Apr 2022	100.0%	84.6%	14.0%	0.5%	0.9%
Sun 1 May 2022	100.0%	84.1%	15.1%	0.5%	0.3%
Mon 2 May 2022	100.0%	84.0%	15.4%	0.3%	0.3%
Tue 3 May 2022	100.0%	65.9%	30.9%	0.8%	2.4%
Wed 4 May 2022	100.0%	70.9%	27.0%	0.7%	1.4%
5 Day Ave.	100.0%	76.2%	21.9%	0.7%	1.2%
7 Day Ave.	100.0%	78.1%	20.2%	0.6%	1.1%

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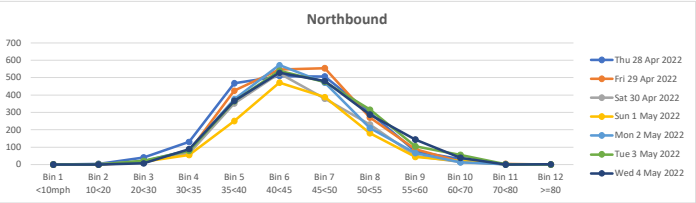


North Wales ATC 13, A548

Direction: Northbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<30	Bin 4 30<35	Bin 5 35<40	Bin 6 40<45	Bin 7 45<50	Bin 8 50<55	Bin 9 55<60	Bin 10 60<70	Bin 11 70<80	Bin 12 >=80
Thu 28 Apr 2022	2061	51.5	43.9	7.3	0	3	40	130	468	509	507	299	74	31	0	0
Fri 29 Apr 2022	1990	51.4	44.6	6.5	0	0	13	74	425	546	555	270	88	16	3	0
Sat 30 Apr 2022	1633	50.8	44.1	6.5	0	0	18	64	352	525	380	230	49	14	1	0
Sun 1 May 2022	1430	51.3	44.4	6.6	0	2	16	55	251	472	388	180	44	20	2	0
Mon 2 May 2022	1813	50.8	44.0	6.5	0	2	18	82	376	572	472	210	66	13	2	0
Tue 3 May 2022	1958	52.9	45.3	7.3	0	0	21	79	364	540	476	316	105	56	1	0
Wed 4 May 2022	1941	52.7	45.4	7.1	0	0	6	89	366	528	480	288	144	39	0	1
5 Day Ave.	1953	51.8	44.6	7.0	0	1	20	91	400	539	498	277	95	31	1	0
7 Day Ave.	1832	51.6	44.5	6.8	0	1	19	82	372	527	465	256	81	27	1	0

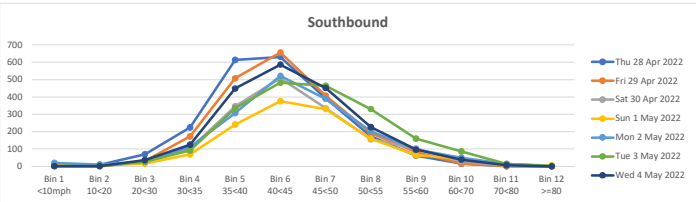
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Direction: Southbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<30	Bin 4 30<35	Bin 5 35<40	Bin 6 40<45	Bin 7 45<50	Bin 8 50<55	Bin 9 55<60	Bin 10 60<70	Bin 11 70<80	Bin 12 >=80
Thu 28 Apr 2022	2195	49.3	41.6	7.3	3	9	70	224	614	631	392	173	62	16	1	0
Fri 29 Apr 2022	2066	50.0	42.9	6.9	1	0	30	173	508	656	408	191	82	16	1	0
Sat 30 Apr 2022	1612	51.8	43.9	7.7	4	2	25	100	346	509	334	156	103	29	4	0
Sun 1 May 2022	1331	54.2	45.0	8.9	7	5	16	70	241	376	330	160	63	46	12	5
Mon 2 May 2022	1752	53.8	44.2	9.2	20	10	27	112	307	521	389	202	98	50	14	2
Tue 3 May 2022	1994	54.9	46.1	8.4	2	1	27	92	335	482	465	330	160	86	13	1
Wed 4 May 2022	2020	51.7	43.9	7.6	2	2	36	125	449	587	452	226	96	39	6	0
5 Day Ave.	2005	51.9	43.7	7.9	6	4	38	145	443	575	421	224	100	41	7	1
7 Day Ave.	1853	52.2	43.9	8.0	6	4	33	128	400	537	396	205	95	40	7	1

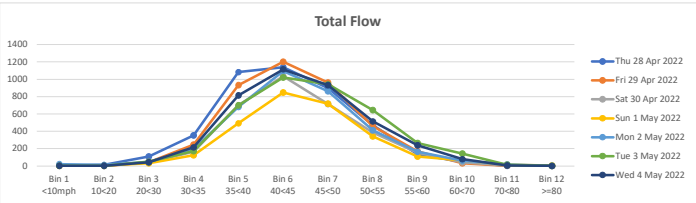
360 TSL Ltd



Direction: Total Flow

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<30	Bin 4 30<35	Bin 5 35<40	Bin 6 40<45	Bin 7 45<50	Bin 8 50<55	Bin 9 55<60	Bin 10 60<70	Bin 11 70<80	Bin 12 >=80
Thu 28 Apr 2022	4256	50.4	42.7	7.4	3	12	110	354	1082	1140	899	472	136	47	1	0
Fri 29 Apr 2022	4056	50.7	43.7	6.8	1	0	43	247	933	1202	963	461	170	32	4	0
Sat 30 Apr 2022	3245	51.3	44.0	7.1	4	2	43	164	698	1034	714	386	152	43	5	0
Sun 1 May 2022	2761	52.8	44.7	7.8	7	7	32	125	492	848	718	340	107	66	14	5
Mon 2 May 2022	3565	52.4	44.1	8.0	20	12	45	194	683	1093	861	412	164	63	16	2
Tue 3 May 2022	3952	53.9	45.7	7.9	2	1	48	171	699	1022	941	646	265	142	14	1
Wed 4 May 2022	3961	52.3	44.6	7.4	2	2	42	214	815	1115	932	514	240	78	6	1
5 Day Ave.	3958	51.9	44.2	7.5	6	5	58	236	842	1114	919	501	195	72	8	1
7 Day Ave.	3685	52.0	44.2	7.5	6	5	52	210	772	1065	861	462	176	67	9	1

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## North Wales ATC 13, A548

Direction: Northbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<30	Bin 4 30<35	Bin 5 35<40	Bin 6 40<45	Bin 7 45<50	Bin 8 50<55	Bin 9 55<60	Bin 10 60<70	Bin 11 70<80	Bin 12 >=80
Thu 28 Apr 2022	268	50.4	43.2	6.9	0	0	5	11	85	74	40	42	9	2	0	0
Fri 29 Apr 2022	295	50.1	43.3	6.5	0	0	0	20	80	84	68	36	4	1	2	0
Sat 30 Apr 2022	295	50.4	43.4	6.7	0	0	8	16	58	108	48	48	9	0	0	0
Sun 1 May 2022	236	49.9	43.7	6.0	0	0	3	11	42	84	69	22	3	2	0	0
Mon 2 May 2022	313	50.1	43.9	6.0	0	0	3	15	59	100	96	30	9	1	0	0
Tue 3 May 2022	308	48.9	42.5	6.2	0	0	7	13	94	93	69	25	6	1	0	0
Wed 4 May 2022	259	53.2	46.0	7.0	0	0	1	7	48	62	71	45	19	6	0	0
5 Day Ave.	289	50.5	43.8	6.5	0	0	3	13	73	83	69	36	9	2	0	0
7 Day Ave.	282	50.4	43.7	6.5	0	0	4	13	67	86	66	35	8	2	0	0

360 TSL Ltd

Direction: Southbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<30	Bin 4 30<35	Bin 5 35<40	Bin 6 40<45	Bin 7 45<50	Bin 8 50<55	Bin 9 55<60	Bin 10 60<70	Bin 11 70<80	Bin 12 >=80
Thu 28 Apr 2022	306	48.0	40.2	7.5	1	3	16	36	86	104	34	18	7	1	0	0
Fri 29 Apr 2022	216	46.6	40.2	6.2	1	0	2	30	81	61	30	8	2	1	0	0
Sat 30 Apr 2022	250	51.5	42.7	8.5	4	1	4	20	55	70	62	15	17	2	0	0
Sun 1 May 2022	221	52.4	44.0	8.1	2	0	0	10	49	87	34	19	11	8	1	0
Mon 2 May 2022	315	54.1	43.8	9.9	12	0	0	9	53	119	58	33	21	9	1	0
Tue 3 May 2022	224	50.6	43.6	6.7	0	0	2	10	52	85	46	15	8	6	0	0
Wed 4 May 2022	267	51.6	42.6	8.7	1	1	11	19	76	69	38	32	16	2	2	0
5 Day Ave.	266	50.2	42.1	7.8	3	1	6	21	70	88	41	21	11	4	1	0
7 Day Ave.	257	50.7	42.4	8.0	3	1	5	19	65	85	43	20	12	4	1	0

360 TSL Ltd

Direction: Total Flow

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<30	Bin 4 30<35	Bin 5 35<40	Bin 6 40<45	Bin 7 45<50	Bin 8 50<55	Bin 9 55<60	Bin 10 60<70	Bin 11 70<80	Bin 12 >=80
Thu 28 Apr 2022	574	49.2	41.6	7.4	1	3	21	47	171	178	74	60	16	3	0	0
Fri 29 Apr 2022	511	48.8	42.0	6.6	1	0	2	50	161	145	98	44	6	2	2	0
Sat 30 Apr 2022	545	50.9	43.1	7.6	4	1	12	36	113	178	110	63	26	2	0	0
Sun 1 May 2022	457	51.2	43.8	7.1	2	0	3	21	91	171	103	41	14	10	1	0
Mon 2 May 2022	628	52.4	43.8	8.2	12	0	3	24	112	219	154	63	30	10	1	0
Tue 3 May 2022	532	49.6	42.9	6.5	0	0	9	23	146	178	115	40	14	7	0	0
Wed 4 May 2022	526	52.6	44.3	8.1	1	1	12	26	124	131	109	77	35	8	2	0
5 Day Ave.	554	50.5	42.9	7.3	3	1	9	34	143	170	110	57	20	6	1	0
7 Day Ave.	539	50.7	43.1	7.3	3	1	9	32	131	171	109	55	20	6	1	0

360 TSL Ltd



## North Wales ATC 13, A548

Direction: Northbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<30	Bin 4 30<35	Bin 5 35<40	Bin 6 40<45	Bin 7 45<50	Bin 8 50<55	Bin 9 55<60	Bin 10 60<70	Bin 11 70<80	Bin 12 >=80
Thu 28 Apr 2022	309	50.1	42.9	7.0	0	0	2	29	97	62	68	37	12	2	0	0
Fri 29 Apr 2022	320	49.1	42.7	6.2	0	0	4	27	83	88	80	33	5	0	0	0
Sat 30 Apr 2022	254	48.4	42.4	5.8	0	0	4	6	85	82	53	20	3	1	0	0
Sun 1 May 2022	244	52.1	44.9	6.9	0	0	0	6	48	86	62	27	6	7	2	0
Mon 2 May 2022	326	50.5	43.9	6.3	0	0	0	14	66	129	72	31	9	3	2	0
Tue 3 May 2022	308	50.7	44.5	6.0	0	0	1	7	70	94	78	45	12	1	0	0
Wed 4 May 2022	286	50.7	43.5	6.9	0	0	0	23	63	99	65	16	12	8	0	0
5 Day Ave.	310	50.2	43.5	6.5	0	0	1	20	76	94	73	32	10	3	0	0
7 Day Ave.	292	50.2	43.5	6.5	0	0	2	16	73	91	68	30	8	3	1	0

360 TSL Ltd

Direction: Southbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<30	Bin 4 30<35	Bin 5 35<40	Bin 6 40<45	Bin 7 45<50	Bin 8 50<55	Bin 9 55<60	Bin 10 60<70	Bin 11 70<80	Bin 12 >=80
Thu 28 Apr 2022	274	49.3	41.5	7.5	0	1	15	28	65	84	55	12	13	1	0	0
Fri 29 Apr 2022	295	49.1	42.7	6.2	0	0	4	23	67	100	74	15	12	0	0	0
Sat 30 Apr 2022	254	51.9	43.5	8.1	0	0	5	30	55	65	52	19	23	5	0	0
Sun 1 May 2022	256	52.0	43.9	7.9	2	0	1	21	46	76	70	27	9	2	1	1
Mon 2 May 2022	320	52.3	43.8	8.2	2	0	5	26	58	97	78	32	16	2	4	0
Tue 3 May 2022	282	53.2	44.7	8.2	1	0	3	22	57	68	65	39	16	11	0	0
Wed 4 May 2022	264	49.4	42.1	7.1	0	0	5	32	78	59	57	24	6	3	0	0
5 Day Ave.	287	50.7	42.9	7.5	1	0	6	26	65	82	66	24	13	3	1	0
7 Day Ave.	278	51.0	43.2	7.6	1	0	5	26	61	78	64	24	14	3	1	0

360 TSL Ltd

Direction: Total Flow

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<30	Bin 4 30<35	Bin 5 35<40	Bin 6 40<45	Bin 7 45<50	Bin 8 50<55	Bin 9 55<60	Bin 10 60<70	Bin 11 70<80	Bin 12 >=80
Thu 28 Apr 2022	583	49.8	42.2	7.3	0	1	17	57	162	146	123	49	25	3	0	0
Fri 29 Apr 2022	615	49.1	42.7	6.2	0	0	8	50	150	188	154	48	17	0	0	0
Sat 30 Apr 2022	508	50.2	42.9	7.0	0	0	9	36	140	147	105	39	26	6	0	0
Sun 1 May 2022	500	52.1	44.4	7.4	2	0	1	27	94	162	132	54	15	9	3	1
Mon 2 May 2022	646	51.4	43.9	7.3	2	0	5	40	124	226	150	63	25	5	6	0
Tue 3 May 2022	590	52.0	44.6	7.2	1	0	4	29	127	162	143	84	28	12	0	0
Wed 4 May 2022	550	50.1	42.8	7.0	0	0	5	55	141	158	122	40	18	11	0	0
5 Day Ave.	597	50.5	43.2	7.0	1	0	8	46	141	176	138	57	23	6	1	0
7 Day Ave.	570	50.7	43.4	7.1	1	0	7	42	134	170	133	54	22	7	1	0

360 TSL Ltd



# North Wales ATC 13, A548

Direction: Northbound

28/04/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	1	1	0	0	0
01:00	1	1	0	0	0
02:00	5	1	2	0	2
03:00	1	0	0	1	0
04:00	1	1	0	0	0
05:00	12	11	1	0	0
06:00	29	16	13	0	0
07:00	91	70	20	0	1
08:00	155	128	26	0	1
09:00	162	124	33	2	3
10:00	138	113	24	0	1
11:00	130	107	22	0	1
12:00	161	120	34	1	6
13:00	154	116	35	2	1
14:00	141	110	28	1	2
15:00	168	140	27	1	0
16:00	234	189	40	0	5
17:00	184	157	26	1	0
18:00	86	67	17	1	1
19:00	66	55	11	0	0
20:00	56	38	18	0	0
21:00	40	38	2	0	0
22:00	36	28	8	0	0
23:00	9	7	2	0	0
Total					
12H(7-19)	1804	1441	332	9	22
16H(6-22)	1995	1588	376	9	22
18H(6-24)	2040	1623	386	9	22
24H(0-24)	2061	1638	389	10	24
AM Peak	09:00	08:00	09:00	09:00	09:00
	162	128	33	2	3
PM Peak	16:00	16:00	16:00	13:00	12:00
	234	189	40	2	6

360 TSL Ltd

Direction: Southbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	4	1	1	2	0
01:00	1	1	0	0	0
02:00	3	3	0	0	0
03:00	0	0	0	0	0
04:00	4	3	0	0	1
05:00	4	2	2	0	0
06:00	25	16	7	2	0
07:00	99	78	17	1	3
08:00	296	252	41	1	2
09:00	187	135	47	3	2
10:00	171	142	27	1	1
11:00	135	117	16	1	1
12:00	126	98	27	1	0
13:00	168	137	27	2	2
14:00	141	113	26	2	0
15:00	133	99	33	0	1
16:00	167	133	32	1	1
17:00	178	143	32	2	1
18:00	111	90	20	1	0
19:00	88	77	11	0	0
20:00	68	59	8	0	1
21:00	39	33	6	0	0
22:00	39	35	4	0	0
23:00	8	7	1	0	0
Total					
12H(7-19)	1912	1537	345	16	14
16H(6-22)	2132	1722	377	18	15
18H(6-24)	2179	1764	382	18	15
24H(0-24)	2195	1774	385	20	16
AM Peak	08:00	08:00	09:00	09:00	07:00
	296	252	47	3	3
PM Peak	17:00	17:00	15:00	13:00	13:00
	178	143	33	2	2

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	5	2	1	2	0
01:00	2	2	0	0	0
02:00	8	4	2	0	2
03:00	1	0	0	1	0
04:00	5	4	0	0	1
05:00	16	13	3	0	0
06:00	54	32	20	2	0
07:00	190	148	37	1	4
08:00	451	380	67	1	3
09:00	349	259	80	5	5
10:00	309	255	51	1	2
11:00	265	224	38	1	2
12:00	287	218	61	2	6
13:00	322	253	62	4	3
14:00	282	223	54	3	2
15:00	301	239	60	1	1
16:00	401	322	72	1	6
17:00	362	300	58	3	1
18:00	197	157	37	2	1
19:00	154	132	22	0	0
20:00	124	97	26	0	1
21:00	79	71	8	0	0
22:00	75	63	12	0	0
23:00	17	14	3	0	0
Total					
12H(7-19)	3716	2978	677	25	36
16H(6-22)	4127	3310	753	27	37
18H(6-24)	4219	3387	768	27	37
24H(0-24)	4256	3412	774	30	40
AM Peak	08:00	08:00	09:00	09:00	09:00
	451	380	80	5	5
PM Peak	16:00	16:00	16:00	13:00	12:00
	401	322	72	4	6

360 TSL Ltd



# North Wales ATC 13, A548

Direction: Northbound

29/04/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	0	0	0	0	0
01:00	3	3	0	0	0
02:00	0	0	0	0	0
03:00	1	1	0	0	0
04:00	1	1	0	0	0
05:00	5	4	1	0	0
06:00	31	17	14	0	0
07:00	101	84	16	1	0
08:00	154	114	27	2	11
09:00	164	131	26	6	1
10:00	123	89	30	2	2
11:00	172	138	33	0	1
12:00	166	119	46	0	1
13:00	128	100	26	1	1
14:00	145	115	27	1	2
15:00	175	152	23	0	0
16:00	171	141	28	1	1
17:00	196	174	22	0	0
18:00	80	69	11	0	0
19:00	67	53	14	0	0
20:00	47	44	3	0	0
21:00	23	16	7	0	0
22:00	22	19	3	0	0
23:00	15	11	4	0	0
Total					
12H(7-19)	1775	1426	315	14	20
16H(6-22)	1943	1556	353	14	20
18H(6-24)	1980	1586	360	14	20
24H(0-24)	1990	1595	361	14	20
AM Peak	11:00 172	11:00 138	11:00 33	09:00 6	08:00 11
PM Peak	17:00 196	17:00 174	12:00 46	13:00 1	14:00 2

360 TSL Ltd

Direction: Southbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	2	1	1	0	0
01:00	1	1	0	0	0
02:00	1	0	0	1	0
03:00	3	1	0	2	0
04:00	2	1	0	0	1
05:00	4	1	3	0	0
06:00	29	22	6	1	0
07:00	119	83	30	2	4
08:00	212	194	16	1	1
09:00	154	108	42	2	2
10:00	99	74	23	1	1
11:00	117	101	14	1	1
12:00	131	104	27	0	0
13:00	159	128	27	1	3
14:00	148	116	31	0	1
15:00	147	120	24	0	3
16:00	169	137	24	4	4
17:00	179	142	35	1	1
18:00	125	106	18	0	1
19:00	97	80	17	0	0
20:00	54	47	7	0	0
21:00	52	41	11	0	0
22:00	34	28	6	0	0
23:00	28	26	2	0	0
Total					
12H(7-19)	1759	1413	311	13	22
16H(6-22)	1991	1603	352	14	22
18H(6-24)	2053	1657	360	14	22
24H(0-24)	2066	1662	364	17	23
AM Peak	08:00 212	08:00 194	09:00 42	03:00 2	07:00 4
PM Peak	17:00 179	17:00 142	17:00 35	16:00 4	16:00 4

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	2	1	1	0	0
01:00	4	4	0	0	0
02:00	1	0	0	1	0
03:00	4	2	0	2	0
04:00	3	2	0	0	1
05:00	9	5	4	0	0
06:00	60	39	20	1	0
07:00	220	167	46	3	4
08:00	366	308	43	3	12
09:00	318	239	68	8	3
10:00	222	163	53	3	3
11:00	289	239	47	1	2
12:00	297	223	73	0	1
13:00	287	228	53	2	4
14:00	293	231	58	1	3
15:00	322	272	47	0	3
16:00	340	278	52	5	5
17:00	375	316	57	1	1
18:00	205	175	29	0	1
19:00	164	133	31	0	0
20:00	101	91	10	0	0
21:00	75	57	18	0	0
22:00	56	47	9	0	0
23:00	43	37	6	0	0
Total					
12H(7-19)	3534	2839	626	27	42
16H(6-22)	3934	3159	705	28	42
18H(6-24)	4033	3243	720	28	42
24H(0-24)	4056	3257	725	31	43
AM Peak	08:00 366	08:00 308	09:00 68	09:00 8	08:00 12
PM Peak	17:00 375	17:00 316	12:00 73	16:00 5	16:00 5

360 TSL Ltd



# North Wales ATC 13, A548

Direction: Northbound

30/04/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	2	2	0	0	0
01:00	3	3	0	0	0
02:00	1	1	0	0	0
03:00	1	1	0	0	0
04:00	2	1	1	0	0
05:00	4	3	1	0	0
06:00	21	17	4	0	0
07:00	62	46	16	0	0
08:00	88	74	12	1	1
09:00	102	97	4	0	1
10:00	137	114	21	1	1
11:00	158	133	24	0	1
12:00	128	111	14	0	3
13:00	105	83	21	1	0
14:00	144	133	10	0	1
15:00	110	102	7	0	1
16:00	141	128	12	0	1
17:00	132	118	14	0	0
18:00	97	93	4	0	0
19:00	68	63	4	1	0
20:00	56	50	6	0	0
21:00	42	37	5	0	0
22:00	24	21	3	0	0
23:00	5	3	2	0	0
Total					
12H(7-19)	1404	1232	159	3	10
16H(6-22)	1591	1399	178	4	10
18H(6-24)	1620	1423	183	4	10
24H(0-24)	1633	1434	185	4	10
AM Peak	11:00 158	11:00 133	11:00 24	08:00 1	08:00 1
PM Peak	14:00 144	14:00 133	13:00 21	13:00 1	12:00 3

360 TSL Ltd

Direction: Southbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	4	3	1	0	0
01:00	7	5	2	0	0
02:00	1	1	0	0	0
03:00	2	1	1	0	0
04:00	4	1	1	1	1
05:00	3	1	1	1	0
06:00	9	6	3	0	0
07:00	41	32	6	0	3
08:00	72	49	18	1	4
09:00	83	69	14	0	0
10:00	117	105	11	0	1
11:00	133	111	19	2	1
12:00	159	135	23	0	1
13:00	133	108	23	0	2
14:00	136	115	17	1	3
15:00	118	97	20	0	1
16:00	157	118	34	3	2
17:00	95	73	20	1	1
18:00	111	96	15	0	0
19:00	81	65	14	2	0
20:00	43	33	10	0	0
21:00	58	52	6	0	0
22:00	36	32	3	1	0
23:00	9	3	6	0	0
Total					
12H(7-19)	1355	1108	220	8	19
16H(6-22)	1546	1264	253	10	19
18H(6-24)	1591	1299	262	11	19
24H(0-24)	1612	1311	268	13	20
AM Peak	11:00 133	11:00 111	11:00 19	11:00 2	08:00 4
PM Peak	12:00 159	12:00 135	16:00 34	16:00 3	14:00 3

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	6	5	1	0	0
01:00	10	8	2	0	0
02:00	2	2	0	0	0
03:00	3	2	1	0	0
04:00	6	2	2	1	1
05:00	7	4	2	1	0
06:00	30	23	7	0	0
07:00	103	78	22	0	3
08:00	160	123	30	2	5
09:00	185	166	18	0	1
10:00	254	219	32	1	2
11:00	291	244	43	2	2
12:00	287	246	37	0	4
13:00	238	191	44	1	2
14:00	280	248	27	1	4
15:00	228	199	27	0	2
16:00	298	246	46	3	3
17:00	227	191	34	1	1
18:00	208	189	19	0	0
19:00	149	128	18	3	0
20:00	99	83	16	0	0
21:00	100	89	11	0	0
22:00	60	53	6	1	0
23:00	14	6	8	0	0
Total					
12H(7-19)	2759	2340	379	11	29
16H(6-22)	3137	2663	431	14	29
18H(6-24)	3211	2722	445	15	29
24H(0-24)	3245	2745	453	17	30
AM Peak	11:00 291	11:00 244	11:00 43	08:00 2	08:00 5
PM Peak	16:00 298	14:00 248	16:00 46	16:00 3	12:00 4

360 TSL Ltd



# North Wales ATC 13, A548

Direction: Northbound

01/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	2	2	0	0	0
01:00	3	2	1	0	0
02:00	4	2	1	1	0
03:00	2	2	0	0	0
04:00	3	3	0	0	0
05:00	4	3	0	1	0
06:00	6	4	2	0	0
07:00	15	15	0	0	0
08:00	60	57	3	0	0
09:00	95	85	10	0	0
10:00	110	98	12	0	0
11:00	126	108	17	1	0
12:00	145	126	19	0	0
13:00	119	98	20	1	0
14:00	124	114	8	1	1
15:00	120	108	12	0	0
16:00	113	104	8	1	0
17:00	105	97	7	0	1
18:00	96	80	16	0	0
19:00	63	53	10	0	0
20:00	48	39	9	0	0
21:00	26	25	1	0	0
22:00	32	26	6	0	0
23:00	9	7	1	1	0
Total					
12H(7-19)	1228	1090	132	4	2
16H(6-22)	1371	1211	154	4	2
18H(6-24)	1412	1244	161	5	2
24H(0-24)	1430	1258	163	7	2
AM Peak	11:00	11:00	11:00	02:00	00:00
	126	108	17	1	0
PM Peak	12:00	12:00	13:00	13:00	14:00
	145	126	20	1	1

360 TSL Ltd

Direction: Southbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	12	9	3	0	0
01:00	9	8	1	0	0
02:00	2	2	0	0	0
03:00	2	2	0	0	0
04:00	1	0	1	0	0
05:00	1	1	0	0	0
06:00	11	9	2	0	0
07:00	33	28	5	0	0
08:00	38	28	8	1	1
09:00	66	52	14	0	0
10:00	91	66	22	2	1
11:00	130	101	28	1	0
12:00	140	112	26	2	0
13:00	134	105	27	1	1
14:00	156	134	20	0	2
15:00	100	79	21	0	0
16:00	97	82	15	0	0
17:00	71	55	16	0	0
18:00	80	64	15	0	1
19:00	50	37	13	0	0
20:00	63	51	12	0	0
21:00	22	20	2	0	0
22:00	14	12	1	0	1
23:00	8	6	1	1	0
Total					
12H(7-19)	1136	906	217	7	6
16H(6-22)	1282	1023	246	7	6
18H(6-24)	1304	1041	248	8	7
24H(0-24)	1331	1063	253	8	7
AM Peak	11:00	11:00	11:00	10:00	08:00
	130	101	28	2	1
PM Peak	14:00	14:00	13:00	12:00	14:00
	156	134	27	2	2

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	14	11	3	0	0
01:00	12	10	2	0	0
02:00	6	4	1	1	0
03:00	4	4	0	0	0
04:00	4	3	1	0	0
05:00	5	4	0	1	0
06:00	17	13	4	0	0
07:00	48	43	5	0	0
08:00	98	85	11	1	1
09:00	161	137	24	0	0
10:00	201	164	34	2	1
11:00	256	209	45	2	0
12:00	285	238	45	2	0
13:00	253	203	47	2	1
14:00	280	248	28	1	3
15:00	220	187	33	0	0
16:00	210	186	23	1	0
17:00	176	152	23	0	1
18:00	176	144	31	0	1
19:00	113	90	23	0	0
20:00	111	90	21	0	0
21:00	48	45	3	0	0
22:00	46	38	7	0	1
23:00	17	13	2	2	0
Total					
12H(7-19)	2364	1996	349	11	8
16H(6-22)	2653	2234	400	11	8
18H(6-24)	2716	2285	409	13	9
24H(0-24)	2761	2321	416	15	9
AM Peak	11:00	11:00	11:00	10:00	08:00
	256	209	45	2	1
PM Peak	12:00	14:00	13:00	12:00	14:00
	285	248	47	2	3

360 TSL Ltd



# North Wales ATC 13, A548

Direction: Northbound

02/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	2	2	0	0	0
01:00	2	1	1	0	0
02:00	5	4	1	0	0
03:00	1	1	0	0	0
04:00	4	4	0	0	0
05:00	2	2	0	0	0
06:00	10	7	2	1	0
07:00	31	30	1	0	0
08:00	63	55	8	0	0
09:00	110	92	18	0	0
10:00	142	126	16	0	0
11:00	171	140	30	1	0
12:00	168	142	26	0	0
13:00	128	110	17	1	0
14:00	158	148	8	1	1
15:00	168	150	18	0	0
16:00	155	148	6	1	0
17:00	139	132	6	0	1
18:00	120	94	26	0	0
19:00	72	57	15	0	0
20:00	76	69	7	0	0
21:00	45	44	1	0	0
22:00	29	24	3	1	1
23:00	12	12	0	0	0
Total					
12H(7-19)	1553	1367	180	4	2
16H(6-22)	1756	1544	205	5	2
18H(6-24)	1797	1580	208	6	3
24H(0-24)	1813	1594	210	6	3
AM Peak	11:00	11:00	11:00	06:00	00:00
	171	140	30	1	0
PM Peak	12:00	15:00	12:00	13:00	14:00
	168	150	26	1	1

360 TSL Ltd

Direction: Southbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	22	17	5	0	0
01:00	6	4	2	0	0
02:00	4	4	0	0	0
03:00	3	3	0	0	0
04:00	1	0	1	0	0
05:00	1	1	0	0	0
06:00	17	17	0	0	0
07:00	31	29	2	0	0
08:00	47	29	16	1	1
09:00	88	74	14	0	0
10:00	131	103	26	1	1
11:00	184	134	48	2	0
12:00	165	138	26	1	0
13:00	167	130	35	1	1
14:00	179	157	21	0	1
15:00	141	117	24	0	0
16:00	147	125	22	0	0
17:00	116	83	33	0	0
18:00	100	77	22	0	1
19:00	85	62	23	0	0
20:00	51	36	15	0	0
21:00	35	32	3	0	0
22:00	23	21	1	0	1
23:00	8	7	1	0	0
Total					
12H(7-19)	1496	1196	289	6	5
16H(6-22)	1684	1343	330	6	5
18H(6-24)	1715	1371	332	6	6
24H(0-24)	1752	1400	340	6	6
AM Peak	11:00	11:00	11:00	11:00	08:00
	184	134	48	2	1
PM Peak	14:00	14:00	13:00	12:00	13:00
	179	157	35	1	1

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	24	19	5	0	0
01:00	8	5	3	0	0
02:00	9	8	1	0	0
03:00	4	4	0	0	0
04:00	5	4	1	0	0
05:00	3	3	0	0	0
06:00	27	24	2	1	0
07:00	62	59	3	0	0
08:00	110	84	24	1	1
09:00	198	166	32	0	0
10:00	273	229	42	1	1
11:00	355	274	78	3	0
12:00	333	280	52	1	0
13:00	295	240	52	2	1
14:00	337	305	29	1	2
15:00	309	267	42	0	0
16:00	302	273	28	1	0
17:00	255	215	39	0	1
18:00	220	171	48	0	1
19:00	157	119	38	0	0
20:00	127	105	22	0	0
21:00	80	76	4	0	0
22:00	52	45	4	1	2
23:00	20	19	1	0	0
Total					
12H(7-19)	3049	2563	469	10	7
16H(6-22)	3440	2887	535	11	7
18H(6-24)	3512	2951	540	12	9
24H(0-24)	3565	2994	550	12	9
AM Peak	11:00	11:00	11:00	11:00	08:00
	355	274	78	3	1
PM Peak	14:00	14:00	12:00	13:00	14:00
	337	305	52	2	2

360 TSL Ltd



# North Wales ATC 13, A548

Direction: Northbound

03/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	2	1	1	0	0
01:00	1	1	0	0	0
02:00	1	1	0	0	0
03:00	0	0	0	0	0
04:00	3	3	0	0	0
05:00	7	4	3	0	0
06:00	32	25	7	0	0
07:00	106	89	17	0	0
08:00	161	127	31	2	1
09:00	142	117	21	1	3
10:00	168	125	38	0	5
11:00	140	110	30	0	0
12:00	163	123	39	0	1
13:00	110	73	32	2	3
14:00	137	104	29	0	4
15:00	171	127	34	1	9
16:00	201	144	55	1	1
17:00	171	132	36	1	2
18:00	92	62	29	1	0
19:00	63	45	15	1	2
20:00	29	18	10	1	0
21:00	31	24	7	0	0
22:00	18	16	2	0	0
23:00	9	9	0	0	0
Total					
12H(7-19)	1762	1333	391	9	29
16H(6-22)	1917	1445	430	11	31
18H(6-24)	1944	1470	432	11	31
24H(0-24)	1958	1480	436	11	31
AM Peak	10:00 168	08:00 127	10:00 38	08:00 2	10:00 5
PM Peak	16:00 201	16:00 144	16:00 55	13:00 2	15:00 9

360 TSL Ltd

Direction: Southbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	6	2	4	0	0
01:00	0	0	0	0	0
02:00	0	0	0	0	0
03:00	2	1	1	0	0
04:00	4	3	1	0	0
05:00	7	2	3	2	0
06:00	37	20	16	1	0
07:00	104	70	31	0	3
08:00	235	190	39	2	4
09:00	174	103	57	2	12
10:00	123	81	39	1	2
11:00	101	64	34	1	2
12:00	115	85	27	1	2
13:00	148	83	52	1	12
14:00	142	84	51	2	5
15:00	140	66	66	1	7
16:00	171	72	94	1	4
17:00	167	70	88	1	8
18:00	100	27	71	0	2
19:00	102	49	49	3	1
20:00	48	22	25	1	0
21:00	29	16	13	0	0
22:00	27	10	16	1	0
23:00	12	5	7	0	0
Total					
12H(7-19)	1720	995	649	13	63
16H(6-22)	1936	1102	752	18	64
18H(6-24)	1975	1117	775	19	64
24H(0-24)	1994	1125	784	21	64
AM Peak	08:00 235	08:00 190	09:00 57	05:00 2	09:00 12
PM Peak	16:00 171	12:00 85	16:00 94	19:00 3	13:00 12

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	8	3	5	0	0
01:00	1	1	0	0	0
02:00	1	1	0	0	0
03:00	2	1	1	0	0
04:00	7	6	1	0	0
05:00	14	6	6	2	0
06:00	69	45	23	1	0
07:00	210	159	48	0	3
08:00	396	317	70	4	5
09:00	316	220	78	3	15
10:00	291	206	77	1	7
11:00	241	174	64	1	2
12:00	278	208	66	1	3
13:00	258	156	84	3	15
14:00	279	188	80	2	9
15:00	311	193	100	2	16
16:00	372	216	149	2	5
17:00	338	202	124	2	10
18:00	192	89	100	1	2
19:00	165	94	64	4	3
20:00	77	40	35	2	0
21:00	60	40	20	0	0
22:00	45	26	18	1	0
23:00	21	14	7	0	0
Total					
12H(7-19)	3482	2328	1040	22	92
16H(6-22)	3853	2547	1182	29	95
18H(6-24)	3919	2587	1207	30	95
24H(0-24)	3952	2605	1220	32	95
AM Peak	08:00 396	08:00 317	09:00 78	08:00 4	09:00 15
PM Peak	16:00 372	16:00 216	16:00 149	19:00 4	15:00 16

360 TSL Ltd



# North Wales ATC 13, A548

Direction: Northbound

04/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	2	1	1	0	0
01:00	3	1	0	2	0
02:00	2	0	2	0	0
03:00	3	0	2	1	0
04:00	6	3	2	1	0
05:00	16	15	1	0	0
06:00	29	14	15	0	0
07:00	113	83	29	0	1
08:00	170	132	36	0	2
09:00	140	90	39	2	9
10:00	146	91	50	2	3
11:00	113	82	30	0	1
12:00	168	138	26	3	1
13:00	112	84	25	0	3
14:00	109	78	30	0	1
15:00	177	129	47	1	0
16:00	218	165	51	0	2
17:00	144	130	13	0	1
18:00	93	82	11	0	0
19:00	68	46	22	0	0
20:00	53	46	7	0	0
21:00	25	17	8	0	0
22:00	21	20	1	0	0
23:00	10	5	3	2	0
Total					
12H(7-19)	1703	1284	387	8	24
16H(6-22)	1878	1407	439	8	24
18H(6-24)	1909	1432	443	10	24
24H(0-24)	1941	1452	451	14	24
AM Peak	08:00 170	08:00 132	10:00 50	01:00 2	09:00 9
PM Peak	16:00 218	16:00 165	16:00 51	12:00 3	13:00 3

360 TSL Ltd

Direction: Southbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	3	0	2	0	1
01:00	2	2	0	0	0
02:00	4	2	1	1	0
03:00	5	0	4	1	0
04:00	3	0	2	1	0
05:00	5	4	0	0	1
06:00	36	23	12	1	0
07:00	103	59	41	1	2
08:00	267	159	104	0	4
09:00	140	36	97	1	6
10:00	122	32	86	0	4
11:00	145	105	38	1	1
12:00	126	94	25	0	7
13:00	133	110	20	2	1
14:00	138	107	30	0	1
15:00	126	97	26	2	1
16:00	188	156	32	0	0
17:00	177	118	58	0	1
18:00	124	106	16	1	1
19:00	79	66	13	0	0
20:00	48	42	6	0	0
21:00	24	20	4	0	0
22:00	18	17	1	0	0
23:00	4	3	1	0	0
Total					
12H(7-19)	1789	1179	573	8	29
16H(6-22)	1976	1330	608	9	29
18H(6-24)	1998	1350	610	9	29
24H(0-24)	2020	1358	619	12	31
AM Peak	08:00 267	08:00 159	08:00 104	02:00 1	09:00 6
PM Peak	16:00 188	16:00 156	17:00 58	13:00 2	12:00 7

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	5	1	3	0	1
01:00	5	3	0	2	0
02:00	6	2	3	1	0
03:00	8	0	6	2	0
04:00	9	3	4	2	0
05:00	21	19	1	0	1
06:00	65	37	27	1	0
07:00	216	142	70	1	3
08:00	437	291	140	0	6
09:00	280	126	136	3	15
10:00	268	123	136	2	7
11:00	258	187	68	1	2
12:00	294	232	51	3	8
13:00	245	194	45	2	4
14:00	247	185	60	0	2
15:00	303	226	73	3	1
16:00	406	321	83	0	2
17:00	321	248	71	0	2
18:00	217	188	27	1	1
19:00	147	112	35	0	0
20:00	101	88	13	0	0
21:00	49	37	12	0	0
22:00	39	37	2	0	0
23:00	14	8	4	2	0
Total					
12H(7-19)	3492	2463	960	16	53
16H(6-22)	3854	2737	1047	17	53
18H(6-24)	3907	2782	1053	19	53
24H(0-24)	3961	2810	1070	26	55
AM Peak	08:00 437	08:00 291	08:00 140	09:00 3	09:00 15
PM Peak	16:00 406	16:00 321	16:00 83	12:00 3	12:00 8

360 TSL Ltd



North Wales ATC 13, A548

Direction: Northbound															28/04/2022	
Hour Beginning	Total Volume	ESD Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-40	Bin 5 40-45	Bin 6 45-50	Bin 7 50-55	Bin 8 55-60	Bin 9 60-70	Bin 10 70-80	Bin 11 80-90	Bin 12 >90
00:00	1	-	25.6	-	0	0	0	0	0	1	0	0	0	0	0	0
01:00	1	-	42.5	-	0	0	0	0	0	1	0	0	0	0	0	0
02:00	5	37.1	36.0	6.8	0	0	1	0	0	2	0	0	0	0	0	0
03:00	1	-	32.5	-	0	0	0	1	0	0	0	0	0	0	0	0
04:00	1	-	32.5	-	0	0	0	1	0	0	0	0	0	0	0	0
05:00	12	68.0	56.3	11.4	0	0	0	1	1	0	0	1	1	0	0	0
06:00	29	59.8	51.3	8.3	0	0	0	0	2	7	2	9	5	4	0	0
07:00	61	54.5	47.2	7.0	0	0	0	4	13	12	30	22	8	2	0	0
08:00	155	53.0	45.9	6.8	0	0	3	5	20	29	62	28	5	3	0	0
09:00	162	50.5	43.9	6.4	0	0	0	14	34	43	47	23	9	1	0	0
10:00	138	49.6	42.3	7.0	0	0	4	8	44	41	18	19	3	1	0	0
11:00	130	51.1	44.0	6.8	0	0	1	3	41	33	22	23	6	1	0	0
12:00	161	49.7	42.9	6.6	0	0	1	14	46	38	42	14	5	1	0	0
13:00	154	51.6	43.1	8.1	0	0	11	6	26	57	26	18	7	3	0	0
14:00	141	51.6	44.3	7.1	0	0	0	14	29	29	40	20	8	1	0	0
15:00	168	48.7	41.7	6.7	0	0	2	15	68	33	28	17	4	1	0	0
16:00	224	51.8	44.9	8.7	0	1	9	11	29	74	64	43	8	1	0	0
17:00	184	51.1	44.5	6.4	0	0	1	5	45	45	57	24	4	3	0	0
18:00	86	50.7	42.7	7.7	0	1	5	1	25	13	32	6	3	0	0	0
19:00	66	52.0	45.1	8.2	0	0	4	4	8	27	10	9	2	2	0	0
20:00	56	51.7	43.8	7.6	0	0	1	7	12	8	13	14	1	0	0	0
21:00	40	48.0	41.4	7.4	0	0	0	2	18	14	2	2	1	1	0	0
22:00	36	47.9	39.4	8.2	0	1	0	14	4	4	11	2	0	0	0	0
23:00	9	51.6	45.8	5.6	0	0	0	0	1	4	1	3	0	0	0	0
Total																
201614-131	268	50.4	43.2	6.9	0	0	5	11	85	74	40	42	9	2	0	0
201614-140	309	50.1	42.9	7.0	0	0	2	29	97	62	68	37	12	2	0	0
12047-110	1804	51.2	43.9	7.0	0	2	31	100	420	444	468	237	64	18	0	0
24060-240	2061	51.5	43.9	7.3	0	3	40	130	468	509	607	299	94	31	0	0
AM Peak																
09:00	05:00	05:00	05:00	05:00	00:00	00:00	10:00	09:00	10:00	10:00	08:00	08:00	07:00	05:00	00:00	00:00
162	168.9	56.3	11.4	0	0	0	4	14	44	41	62	28	8	6	0	0
PM Peak																
16:00	19:00	23:00	22:00	12:00	16:00	13:00	15:00	15:00	16:00	16:00	16:00	14:00	13:00	12:00	12:00	12:00
224	22.0	45.8	8.2	0	0	1	31	33	68	74	64	40	8	3	0	0

360 TSL Ltd

Direction: Southbound															28/04/2022	
Hour Beginning	Total Volume	ESD Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-40	Bin 5 40-45	Bin 6 45-50	Bin 7 50-55	Bin 8 55-60	Bin 9 60-70	Bin 10 70-80	Bin 11 80-90	Bin 12 >90
00:00	4	43.0	40.0	2.9	0	0	0	0	2	2	0	0	0	0	0	0
01:00	1	1	52.5	0	0	0	0	0	0	1	0	0	0	0	0	0
02:00	3	42.5	42.5	0.0	0	0	0	0	0	3	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	4	46.5	38.8	7.5	0	0	0	2	0	1	1	0	0	0	0	0
05:00	4	54.0	46.3	7.5	0	0	0	0	0	3	0	0	0	0	0	0
06:00	25	50.4	41.6	8.4	0	0	0	5	9	4	3	2	1	1	0	0
07:00	99	49.3	42.8	6.3	0	0	3	2	27	35	20	9	3	0	0	0
08:00	296	49.3	42.5	7.1	0	1	3	27	89	83	51	30	11	3	0	0
09:00	187	48.6	40.0	8.4	0	2	21	24	30	63	29	16	1	1	0	0
10:00	171	46.5	40.0	6.2	0	4	21	52	68	18	2	4	0	0	0	0
11:00	135	49.6	40.4	8.9	1	1	12	15	34	36	16	16	3	1	0	0
12:00	126	46.0	40.5	5.9	1	0	2	7	53	38	21	3	1	0	0	0
13:00	168	46.0	40.0	5.7	0	0	0	32	60	45	24	5	1	1	0	0
14:00	141	48.1	39.8	8.0	0	1	15	15	34	47	19	3	7	0	0	0
15:00	153	50.0	42.2	6.5	0	0	13	12	57	36	9	6	1	0	0	0
16:00	167	52.3	44.6	7.4	0	1	0	5	49	29	50	18	12	3	0	0
17:00	179	51.0	42.7	7.1	1	0	0	7	44	62	34	23	4	1	0	0
18:00	111	50.7	42.9	7.5	0	1	1	16	19	24	35	12	2	1	0	0
19:00	88	48.0	41.1	6.7	0	0	2	7	39	19	12	6	2	1	0	0
20:00	68	50.4	41.9	8.2	0	0	5	5	22	9	13	2	0	0	0	0
21:00	39	48.6	40.3	6.1	0	0	1	6	12	13	4	3	0	0	0	0
22:00	19	48.1	39.7	8.0	0	0	0	10	9	4	1	1	1	1	0	0
23:00	8	50.8	42.2	8.3	0	0	1	0	1	3	2	1	0	0	0	0
Total																
201610-121	306	48.0	40.2	7.5	1	3	16	36	86	104	34	18	7	1	0	0
201614-130	274	49.3	41.5	7.5	0	1	15	28	65	84	55	12	13	1	0	0
12047-110	1912	49.3	41.7	7.3	3	9	61	184	520	567	353	146	55	13	1	0
24060-240	2196	49.3	41.6	7.3	3	9	70	224	614	631	392	175	62	16	1	0
AM Peak																
08:00	05:00	05:00	11:00	11:00	09:00	09:00	09:00	08:00	08:00	08:00	08:00	08:00	08:00	00:00	00:00	00:00
296	164.0	52.5	8.9	1	2	21	27	87	89	51	30	11	3	0	0	0
PM Peak																
17:00	16:00	16:00	22:00	12:00	14:00	14:00	13:00	13:00	17:00	16:00	17:00	16:00	17:00	17:00	12:00	12:00
178	52.3	46.6	8.3	1	1	15	32	65	62	50	28	12	3	1	0	0

360 TSL Ltd

Direction: Total Flow																
Hour	Total Volume	ESD Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-40	Bin 5 40-45	Bin 6 45-50	Bin 7 50-55	Bin 8 55-60	Bin 9 60-70	Bin 10 70-80	Bin 11 80-90	Bin 12 >90
00:00	5	44.4	37.0	7.2	0	0	1	0	2	2	0	0	0	0	0	0
01:00	2	14.8	47.5	7.1	0	0	0	0	0	1	0	1	0	0	0	0
02:00	8	43.1	34.7	8.3	0	0	3	0	2	3	0	0	0	0	0	0
03:00	1	1	32.5	-	0	0	0	1	0	0	0	0	0	0	0	0
04:00	5	44.4	37.5	7.1	0	0	0	0	3	1	1	0	0	0	0	0
05:00	16	65.4	53.8	11.2	0	0	0	1	1	3	0	3	2	6	0	0
06:00	14	56.8	46.8	9.6	0	0	0	9	11	11	5	11	8	5	0	0
07:00	100	51.2	44.9	7.0	0	3	6	40	47	50	31	11	2	0	0	0
08:00	451	51.1	43.7	7.2	1	6	32	107	112	113	58	16	6	0	0	0
09:00	349	49.8	41.8	7.7	0	2	21	38	64	103	76	40	4	2	0	0
10:00	309	48.0	41.1	6.7	0	2	8	29	96	109	36	21	7	1	0	0
11:00	305	50.6	42.2	8.2	1	1	19	18	75	69	28	10	0	2	0	0
12:00	287	48.4	41.8	6.4	1	0	3	21	99	76	63	17	6	1	0	0
13:00	327	49.3	40.5	7.1	0	0	11	36	85	100	50	23	8	4	0	0
14:00	282	50.2	42.1	7.8	0	1	15	29	63	76	59	23	15	1	0	0
15:00	301	49.3	42.4	6.7	0	0	2	28	99	70	64	26	10	2	0	0
16:00	401	52.0	44.8	7.0	0	2	3	16	78	103	114	61	1	0	0	0
17:00	362	51.1	44.1	7.6	0	1	12	89	99	107	91	47	8	5	0	0
18:00	397	50.8	44.8	7.6	0	0	6	17	117	104	114	61	20	4	0	0
19:00	354	49.8	42.1	7.5	0	0	6	11	47	60	22	15	4	3	0	0
20:00	327	50.2	42.1	7.8	0	0	6	12	34	26	22	15	3	0	0	0
21:00	79	47.3	40.9	6.2	0	0	0	8	30	27	6	5	1	1	0	0
22:00	75	48.0	39.6	8.1	0	0	0	29	13	8	19	3	1	1	0	0
23:00	17	53.4	48.1	7.8	0	0	1	6	2	2	3	4	0	0	0	0
Total																
2016-2018	574	49.2	41.6	7.4	1	3	21	47	171	178	74	60	16	3	0	0
2019-2020	461	51.6	41.2	7.1	0	1	17	17	162	144	119	49	25	4	0	0
2021-2023	3736	50.1	42.8	7.3	0	11	92	284	940	1001	821	409	119	31	0	0
2024-2026	4236	50.4	42.7	7.4	3	12	110	354	1082	1140	899	472	136	47	1	0
Average																
00:00	05:00	05:00	05:00	05:00	11:00	08:00	08:00	08:00	08:00	08:00	08:00	08:00	08:00	05:00	05:00	08:00
40.1	51.6	41.2	7.1	7.1	7.1	17	17	162	144	119	49	25	4	0	0	12.98
46.1	50.9	42.9	7.2	7.2	12.00	16.00	14.00	13.00	13.00	17.00	16.00	16.00	17.00	17.00	17.00	12.98
45.5	52.5	45.8	8.1	3	3	3	35	98	99	107	114	61	20	5	1	0



North Wales ATC 13, A548

Direction: Northbound

29/04/2022														
Hour Beginning	Total Volume	ECN Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-40	Bin 5 40-50	Bin 6 50-60	Bin 7 60-70	Bin 8 70-80	Bin 9 80-90	Bin 10 90-100
00:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0
01:00	3	52.2	49.2	2.9	0	0	0	0	0	2	1	0	0	0
02:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0
03:00	1	-	47.5	-	0	0	0	0	0	1	0	0	0	0
04:00	1	-	57.5	-	0	0	0	0	0	0	0	1	0	0
05:00	5	63.1	55.0	11.7	0	0	0	1	0	0	1	0	1	0
06:00	31	62.3	52.2	9.8	0	0	1	0	2	3	4	11	5	4
07:00	101	56.3	46.7	7.3	0	0	0	4	7	16	35	17	8	4
08:00	154	51.4	45.0	6.2	0	0	2	5	21	50	45	26	4	1
09:00	164	51.2	46.3	6.6	0	0	3	2	38	53	37	26	13	0
10:00	123	49.3	43.4	5.7	0	0	0	7	32	34	34	15	1	0
11:00	172	50.7	43.3	7.1	0	0	0	13	48	50	34	21	3	2
12:00	166	49.8	43.9	5.8	0	0	2	49	48	43	37	7	0	0
13:00	128	49.9	43.4	6.3	0	0	1	3	44	26	37	13	3	1
14:00	145	47.8	41.8	5.8	0	0	1	13	50	33	40	6	2	0
15:00	175	50.1	43.4	6.5	0	0	3	14	33	55	40	27	3	0
16:00	171	51.2	45.0	6.0	0	0	3	31	33	55	25	8	0	0
17:00	196	50.5	45.2	5.1	0	0	0	1	31	59	74	28	2	1
18:00	80	53.2	46.2	6.8	0	0	0	0	15	26	15	56	6	2
19:00	67	53.8	47.2	6.3	0	0	0	3	4	17	21	34	8	0
20:00	47	51.5	45.7	5.6	0	0	0	1	5	15	19	3	4	0
21:00	13	50.4	42.8	7.3	0	0	1	1	6	7	4	3	1	0
22:00	22	49.7	45.0	4.6	0	0	0	0	5	2	14	1	0	0
23:00	15	53.3	45.5	7.5	0	0	0	1	4	2	1	7	0	0
Total														
29E14-13	295	50.1	43.3	6.5	0	0	0	20	80	84	68	36	4	2
29E14-16	320	49.1	42.7	6.2	0	0	4	27	83	88	80	33	5	0
12N17-19	1775	50.9	44.8	6.4	0	0	11	87	399	500	480	227	89	11
24H10-24	1990	51.4	44.6	6.5	0	0	13	76	425	546	555	270	88	3
AM Peak	11:00	05:00	04:00	05:00	00:00	00:00	09:00	11:00	11:00	09:00	08:00	08:00	07:00	06:00
	172	63.1	57.5	11.7	0	0	3	13	48	52	45	26	18	4
PM Peak	17:00	19:00	19:00	23:00	12:00	12:00	15:00	15:00	14:00	17:00	17:00	17:00	16:00	18:00
	196	53.8	47.2	7.5	0	0	3	14	35	59	74	28	8	2

360 TSL Ltd

Direction: Southbound

29/04/2022														
Hour Beginning	Total Volume	ECN Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-40	Bin 5 40-50	Bin 6 50-60	Bin 7 60-70	Bin 8 70-80	Bin 9 80-90	Bin 10 90-100
00:00	2	44.8	37.5	7.1	0	0	0	1	0	1	0	0	0	0
01:00	1	-	37.5	-	0	0	0	0	0	0	0	0	0	0
02:00	1	-	32.5	-	0	0	0	1	0	0	0	0	0	0
03:00	3	46.2	39.2	5.8	0	0	0	1	0	0	0	0	0	0
04:00	2	47.5	47.5	0.0	0	0	0	0	0	2	0	0	0	0
05:00	4	53.5	46.3	11.8	0	0	0	2	0	3	0	0	0	0
06:00	29	52.2	45.5	6.5	0	0	1	2	14	6	4	1	1	0
07:00	119	51.5	44.9	6.3	0	0	0	2	29	33	27	20	8	0
08:00	122	49.2	41.8	7.2	0	0	4	34	60	58	26	23	7	0
09:00	154	46.6	40.7	5.7	0	0	0	31	31	64	21	4	3	0
10:00	99	47.5	41.7	1	0	1	11	32	35	15	2	1	1	0
11:00	117	45.9	39.9	5.8	0	0	1	19	49	26	15	6	1	0
12:00	131	49.9	42.9	6.8	0	0	0	15	33	37	30	7	8	1
13:00	159	49.1	41.1	7.7	0	0	10	16	34	55	24	4	6	1
14:00	148	48.3	41.5	6.6	0	0	3	18	44	40	31	6	6	0
15:00	147	49.6	43.9	5.5	0	1	5	23	60	43	9	6	0	0
16:00	169	49.9	43.4	6.3	0	0	1	12	33	67	26	24	6	0
17:00	179	49.0	45.9	5.5	0	0	4	3	34	72	49	36	1	0
18:00	125	54.8	45.9	8.6	0	0	3	24	30	27	38	13	6	0
19:00	97	53.9	45.6	6.1	0	0	0	3	17	21	33	20	2	1
20:00	54	49.2	42.6	6.3	0	0	1	3	12	15	5	1	0	0
21:00	52	52.8	46.1	6.5	0	0	0	1	5	24	8	6	8	0
22:00	14	54.9	46.0	6.5	0	0	0	1	5	16	1	1	0	0
23:00	28	53.4	45.3	7.9	0	0	0	2	5	8	7	2	3	1
Total														
29E10-12	216	46.6	40.2	6.2	1	0	2	30	81	61	30	8	2	1
29E14-16	295	49.1	42.7	6.2	0	0	4	23	67	100	74	35	12	0
12N17-19	1759	49.1	42.5	6.8	1	0	29	157	456	557	334	149	66	9
24H10-24	2066	50.0	42.9	6.9	1	0	30	175	508	656	408	191	82	16
AM Peak	08:00	05:00	04:00	05:00	10:00	00:00	08:00	09:00	08:00	09:00	07:00	08:00	07:00	06:00
	122	53.5	47.5	11.8	1	0	4	31	69	64	27	33	8	1
PM Peak	17:00	19:00	19:00	23:00	12:00	13:00	13:00	14:00	13:00	17:00	17:00	16:00	18:00	12:00
	179	54.3	46.1	8.6	0	0	10	18	35	72	49	24	12	6

360 TSL Ltd

Direction: Total Flow

29/04/2022														
Hour Beginning	Total Volume	ECN Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-40	Bin 5 40-50	Bin 6 50-60	Bin 7 60-70	Bin 8 70-80	Bin 9 80-90	Bin 10 90-100
00:00	2	44.8	37.5	7.1	0	0	0	1	0	1	0	0	0	0
01:00	4	52.8	46.3	6.3	0	0	0	0	1	0	2	1	0	0
02:00	1	-	32.5	-	0	0	0	1	0	0	0	0	0	0
03:00	4	47.8	43.3	6.3	0	0	0	1	0	2	1	0	0	0
04:00	3	56.8	50.8	5.8	0	0	0	0	0	2	0	1	0	0
05:00	9	58.2	46.7	12.1	0	0	0	3	0	1	0	3	1	1
06:00	60	58.2	46.0	8.9	0	0	1	1	4	17	10	35	8	5
07:00	220	54.0	46.7	7.0	0	0	6	36	49	62	37	26	4	0
08:00	366	50.3	43.1	6.9	0	0	6	29	90	108	71	40	11	1
09:00	318	49.3	42.6	6.4	0	0	3	33	69	116	58	24	10	0
10:00	222	48.6	42.1	6.3	1	0	1	18	64	69	49	17	2	1
11:00	209	49.0	41.9	6.8	0	0	1	32	97	76	49	17	4	2
12:00	297	49.9	43.4	6.3	0	0	0	17	82	85	73	24	15	1
13:00	287	49.6	42.1	7.2	0	0	11	17	66	61	27	9	0	0
14:00	293	48.1	42.6	6.2	0	0	4	31	94	73	71	12	8	0
15:00	322	49.9	43.6	6.1	0	0	4	19	56	115	83	36	9	0
16:00	340	50.6	44.2	6.2	0	0	2	15	64	118	81	45	14	1
17:00	375	49.9	44.3	5.3	0	0	4	4	65	131	123	44	3	1
18:00	295	54.2	46.0	7.9	0	0	4	3	39	56	42	34	19	8
19:00	164	52.7	46.3	6.2	0	0	0	6	21	38	54	34	10	1
20:00	101	50.4	44.1	6.2	0	0	1	4	22	27	34	8	5	0
21:00	75	52.2	45.1	6.9	0	0	1	1	11	12	9	9	0	0
22:00	56	53.1	45.6	7.2	0	0	0	1	10	18	17	6	0	4
23:00	43	53.3	45.3	7.6	0	0	0	1	5	10	8	0	1	0
Total														
29E10-12	511	48.8	42.0	6.6	1	0	2	50	161	145	98	44	6	2
29E14-16	635	49.1	42.7	6.2	0	0	8	50	150	188	154	48	17	0
12N17-19	3534	50.3	43.4	6.6	1	0	46	224	855	1057	823	376	135	20
24H10-24	4056	50.7	43.7	6.8	1	0	43	247	933	1202	963	461	170	32
AM Peak	08:00	05:00	04:00	05:00	10:00	00:00	08:00	09:00	08:00	09:00	07:00	08:00	07:00	06:00
	366	59.2	50.8	12.1	1	0	6	33	97	116	71	49	26	5
PM Peak	17:00	19:00	19:00	23:00	12:00	12:00	13:00	14:00	13:00	17:00	17:00	16:00	18:00	12:00
	375	54.2	46.3	7.9	0	0	11	21	79	131	123	45	19	8



North Wales ATC 13, A548

Direction: Northbound																30/04/2022
Hour Beginning	Total Volume	ECN Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-40	Bin 5 40-50	Bin 6 50-60	Bin 7 60-70	Bin 8 70-80	Bin 9 80-90	Bin 10 90-100	Bin 11 100-110	Bin 12 >110
00:00	2	47.5	47.5	5.0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	3	52.7	47.5	5.0	0	0	0	0	0	1	1	1	0	0	0	0
02:00	1	-	37.5	-	0	0	0	0	0	1	0	0	0	0	0	0
03:00	1	-	52.5	-	0	0	0	0	0	0	0	1	0	0	0	0
04:00	2	53.7	50.0	3.5	0	0	0	0	0	0	1	1	0	0	0	0
05:00	4	56.5	48.8	7.5	0	0	0	0	0	2	2	0	1	1	0	0
06:00	21	55.9	46.5	8.0	0	0	1	1	3	2	6	6	1	1	0	0
07:00	42	51.9	45.8	5.9	0	0	1	1	5	11	21	20	3	0	0	0
08:00	88	52.8	46.4	6.1	0	0	0	0	13	28	19	22	5	1	0	0
09:00	102	50.5	43.8	6.4	0	0	0	0	9	21	27	29	11	5	0	0
10:00	137	50.3	43.3	6.7	0	0	7	3	23	53	30	18	3	0	0	0
11:00	158	50.5	43.5	6.7	0	0	1	13	35	55	18	30	6	0	0	0
12:00	138	51.2	46.7	6.3	0	0	1	7	17	48	42	31	27	1	1	0
13:00	105	50.6	42.9	7.4	0	0	2	7	33	26	19	14	3	0	1	0
14:00	144	47.8	42.4	5.2	0	0	0	5	32	41	33	13	0	0	0	0
15:00	110	49.1	42.4	6.4	0	0	0	4	1	33	41	20	7	3	1	0
16:00	141	47.9	42.3	7.4	0	0	0	0	25	63	34	10	0	0	0	0
17:00	132	51.6	44.5	6.9	0	0	0	0	5	30	45	29	14	4	5	0
18:00	97	51.5	44.4	6.9	0	0	0	0	1	30	24	27	7	5	3	0
19:00	68	54.3	47.7	6.4	0	0	0	1	6	14	26	13	6	2	0	0
20:00	56	50.9	45.2	5.5	0	0	0	3	4	20	20	7	2	0	0	0
21:00	42	51.4	45.4	5.9	0	0	0	0	1	8	11	10	12	0	0	0
22:00	24	49.3	41.1	7.9	0	0	0	1	3	10	7	4	3	1	0	0
23:00	5	50.3	43.5	6.5	0	0	0	0	0	2	1	1	1	0	0	0
Total																
201610-12	295	50.4	43.4	6.7	0	0	0	8	16	58	108	48	48	9	0	0
201614-16	254	48.4	42.4	5.8	0	0	0	4	6	85	82	53	20	3	1	0
120167-19	1404	50.4	45.8	6.4	0	0	0	16	55	318	472	369	184	38	11	1
240169-24	1033	50.8	46.1	6.5	0	0	0	18	64	352	525	380	230	49	14	0
AM Peak	11:00	05:00	03:00	06:00	00:00	00:00	10:00	11:00	11:00	11:00	10:00	11:00	11:00	06:00	00:00	00:00
	164	56.5	52.5	8.0	0	0	7	14	33	55	55	30	30	6	1	0
PM Peak	14:00	19:00	19:00	22:00	12:00	12:00	15:00	12:00	14:00	16:00	16:00	12:00	19:00	17:00	13:00	12:00
	164	54.3	47.7	7.9	0	0	4	7	32	69	34	27	6	5	1	0

360 TSL Ltd

Direction: Southbound

Hour Beginning	Total Volume	ECN Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-40	Bin 5 40-50	Bin 6 50-60	Bin 7 60-70	Bin 8 70-80	Bin 9 80-90	Bin 10 90-100	Bin 11 100-110	Bin 12 >110
00:00	4	48.0	45.0	2.9	0	0	0	0	0	2	2	0	0	0	0	0
01:00	7	48.1	41.8	6.1	0	0	0	0	4	1	1	1	0	0	0	0
02:00	1	-	47.5	-	0	0	0	0	0	0	1	0	0	0	0	0
03:00	2	43.7	40.0	3.5	0	0	0	0	0	1	0	0	0	0	0	0
04:00	4	45.2	40.0	5.0	0	0	0	0	3	0	1	0	0	0	0	0
05:00	3	42.2	38.2	2.9	0	0	0	0	2	1	0	0	0	0	0	0
06:00	9	53.7	49.2	4.3	0	0	0	0	0	7	5	0	0	0	0	0
07:00	41	49.8	43.8	5.8	0	0	1	1	4	21	10	2	2	0	0	0
08:00	72	52.7	45.5	7.0	0	0	1	0	14	23	18	7	8	1	0	0
09:00	83	50.1	43.1	6.8	0	0	0	3	29	25	16	6	1	3	0	0
10:00	117	50.9	43.6	7.1	0	0	5	35	28	31	6	11	0	0	0	0
11:00	133	51.8	41.9	9.5	4	0	4	15	20	42	31	9	6	2	0	0
12:00	159	50.2	43.1	6.8	0	0	1	11	45	57	22	22	3	1	1	0
13:00	133	50.7	42.0	8.4	0	1	7	11	35	37	25	8	7	1	1	0
14:00	136	51.4	43.2	7.9	0	0	2	16	34	33	27	8	15	1	0	0
15:00	118	52.4	45.8	8.4	0	0	3	14	21	32	25	11	8	4	0	0
16:00	157	52.3	45.6	6.5	0	0	1	2	26	54	33	28	12	1	0	0
17:00	95	53.7	44.3	9.0	0	0	0	9	19	29	18	11	9	2	1	0
18:00	111	52.3	44.5	7.5	0	0	0	8	20	36	33	5	2	7	0	0
19:00	81	53.5	45.2	8.0	0	0	1	1	18	32	10	4	12	3	0	0
20:00	43	54.6	46.6	7.7	0	0	1	2	16	5	11	4	1	0	0	0
21:00	58	48.3	42.8	5.3	0	0	0	1	14	31	8	2	1	1	0	0
22:00	36	54.0	46.3	7.4	0	0	0	1	4	11	10	7	1	0	1	0
23:00	9	58.4	52.2	5.9	0	0	0	0	0	6	3	1	1	1	0	0
Total																
201610-12	250	51.5	42.7	8.5	4	1	4	20	55	70	62	55	17	2	0	0
201614-16	254	51.9	43.5	8.1	0	0	5	30	55	65	52	39	5	0	0	0
120167-19	1355	51.7	43.6	7.8	4	2	23	95	298	411	289	123	84	23	3	0
240169-24	1612	51.8	43.9	7.7	4	2	25	100	346	500	334	156	105	29	4	0
AM Peak	11:00	06:00	06:00	11:00	11:00	10:00	11:00	10:00	10:00	11:00	10:00	11:00	10:00	09:00	00:00	00:00
PM Peak	14:00	19:00	19:00	22:00	12:00	13:00	13:00	14:00	12:00	13:00	16:00	16:00	14:00	18:00	12:00	12:00
	159	58.4	52.2	9.0	0	1	7	16	45	57	33	28	15	7	1	0

360 TSL Ltd

Direction: Total Flow

Hour	Total Volume	ECN Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-40	Bin 5 40-50	Bin 6 50-60	Bin 7 60-70	Bin 8 70-80	Bin 9 80-90	Bin 10 90-100	Bin 11 100-110	Bin 12 >110
00:00	6	48.5	45.8	2.6	0	0	0	0	0	2	4	0	0	0	0	0
01:00	10	49.9	43.5	6.1	0	0	0	0	0	4	2	2	2	0	0	0
02:00	2	49.8	42.5	7.1	0	0	0	0	0	0	1	0	1	0	0	0
03:00	3	52.1	44.2	7.6	0	0	0	0	0	1	1	0	1	0	0	0
04:00	6	50.2	43.3	6.6	0	0	0	0	0	2	1	0	0	0	0	0
05:00	7	52.5	44.6	7.6	0	0	0	0	0	2	3	0	1	1	0	0
06:00	10	51.5	45.0	7.9	0	0	1	1	3	3	4	8	11	1	1	0
07:00	103	51.1	45.0	5.8	0	0	2	7	9	42	30	13	5	0	0	0
08:00	160	52.8	46.0	6.5	0	0	1	0	27	51	37	29	13	2	0	0
09:00	185	50.3	43.5	6.6	0	0	0	12	50	52	45	17	6	3	0	0
10:00	254	50.6	43.4	6.9	0	1	7	8	58	81	61	24	14	0	0	0
11:00	291	51.2	42.8	8.2	4	0	5	28	15	97	49	30	12	2	0	0
12:00	267	50.7	43.8	6.6	0	0	2	18	59	99	53	49	4	2	1	0
13:00	238	50.7	42.4	8.0	0	0	1	9	88	63	44	22	10	1	0	0
14:00	280	49.7	42.8	6.6	0	0	2	71	86	74	60	21	15	1	0	0
15:00	228	50.9	43.1	7.5	0	0	7	15	54	73	45	38	11	5	0	0
16:00	298	50.4	44.5	5.7	0	0	5	51	123	67	38	42	1	0	0	0
17:00	227	52.5	44.4	7.8	0	0	3	14	49	68	47	25	13	7	1	0
18:00	268	51.9	44.5	7.2	0	0	0	9	50	60	40	12	7	0	0	0
19:00	149	54.0	46.4	7.4	0	0	1	2	24	46	36	17	18	5	0	0
20:00	99	52.6	45.8	6.5	0	0	1	5	6	36	26	18	6	1	0	0
21:00	100	49.7	43.9	5.6	0	0	0	2	22	22	14	1	18	14	1	0
22:00	60	52.5	44.3	7.9	0	0	1	4	14	14	10	2	0	1	0	0
23:00	14	56.7	49.1	7.3	0	0	0	0	2	1	1	4	1	1	0	0
Total																
201610-12	545	50.9	43.1	7.6	4	1	12	36	113	178	110	63	26	2	0	0
201614-16	508	50.2	42.9	7.0	0	0	9	36	140	147	105	39	26	6	0	0
120167-19	2759	51.1	43.7	7.1	4	2	39	150	616	888	883	718	112	14	0	0
201620-24	1345	51.3	44.0	7.1	4	2	39	143	164	608	1034	714	386	152	43	5
AMPH 24																
2016	10:00	66.00	50.00	45.00	11:00	10:00	10:00	10:00	10:00	10:00	10:00	10:00	09:00	08:00	00:00	00:00
2016	20:1	55.5	47.3	8.2	4	1	5	7	28	58	97	61	39	14	3	0
PM PH	20:00	23:00	23:00	12:00	12:00	12:00	12:00	12:00	12:00	12:00	12:00	12:00	12:00	18:00	13:00	12:00
2016	20:1	58.1	50.1	8.1	2	1	13	37	67	67	60	49	16	0	0	0



North Wales ATC 13, A548

Direction: Northbound

01/05/2022																
Hour Beginning	Total Volume	ECN Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-40	Bin 5 40-50	Bin 6 50-60	Bin 7 60-70	Bin 8 70-80	Bin 9 80-90	Bin 10 90-100	Bin 11 100-110	Bin 12 >110
00:00	2	52.5	52.5	0.0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	3	57.9	47.5	10.0	0	0	0	0	1	0	1	0	1	0	0	0
02:00	4	46.2	41.3	4.8	0	0	0	0	2	1	1	0	0	0	0	0
03:00	2	54.8	47.5	7.1	0	0	0	0	0	1	0	1	0	0	0	0
04:00	3	47.2	44.2	2.9	0	0	0	0	0	2	1	0	0	0	0	0
05:00	4	53.0	50.0	2.9	0	0	0	0	0	2	2	0	0	0	0	0
06:00	6	54.4	48.3	5.8	0	0	0	0	1	0	2	3	0	0	0	0
07:00	15	52.3	46.8	11.1	0	1	1	1	4	2	3	3	2	1	0	0
08:00	60	50.3	44.1	6.0	0	0	1	1	9	26	16	5	1	1	1	0
09:00	95	52.3	41.5	8.6	0	0	1	1	12	20	33	13	7	4	0	0
10:00	110	48.8	43.0	5.6	0	0	1	8	23	32	38	8	0	0	0	0
11:00	126	50.7	44.3	6.2	0	0	2	3	19	52	31	34	3	2	0	0
12:00	145	49.0	43.4	5.5	0	0	2	3	31	64	27	37	2	0	0	0
13:00	119	51.6	44.0	7.4	0	0	6	6	15	34	40	12	5	1	0	0
14:00	124	51.1	44.3	6.5	0	0	0	3	27	48	26	13	5	1	1	0
15:00	120	53.1	45.6	7.3	0	0	0	3	21	38	36	14	1	6	1	0
16:00	113	50.9	44.4	6.3	0	1	0	3	23	30	37	14	3	0	0	0
17:00	105	52.5	45.1	7.1	0	0	0	5	20	32	24	15	6	3	0	0
18:00	96	50.5	44.7	5.7	0	0	1	3	13	31	36	8	4	0	0	0
19:00	63	52.5	47.3	5.0	0	0	0	0	7	25	12	22	2	0	0	0
20:00	48	51.0	44.5	6.3	0	0	0	2	11	12	16	3	4	0	0	0
21:00	36	50.5	42.8	7.4	0	0	1	2	7	5	7	3	2	0	0	0
22:00	32	52.1	47.7	4.3	0	0	0	0	2	4	18	7	1	0	0	0
23:00	9	55.8	48.6	7.0	0	0	0	1	0	1	1	6	0	0	0	0
Total	236	49.9	43.7	6.0	0	0	3	11	42	84	69	22	3	2	0	0
2H(14-16)	244	52.1	44.9	6.9	0	0	0	6	48	86	62	27	6	7	2	0
12H(7-19)	1228	51.1	44.2	6.7	0	2	15	50	235	441	327	131	36	20	2	0
24H(0-24)	1430	51.3	44.4	6.6	0	2	16	55	251	472	388	180	44	30	2	0
AM Peak	11:00	01:00	02:00	07:00	08:00	07:00	11:00	09:00	10:00	11:00	10:00	11:00	09:00	09:00	08:00	08:00
	126	57.9	52.5	11.1	0	0	1	2	12	23	52	38	14	4	6	0
PM Peak	12:00	23:00	23:00	21:00	12:00	16:00	13:00	13:00	12:00	12:00	13:00	19:00	17:00	15:00	14:00	12:00
	165	53.8	48.6	7.4	0	1	6	6	31	64	40	22	6	6	1	0

360 TSL Ltd

Direction: Southbound

Hour	Total Volume	ECN Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-40	Bin 5 40-50	Bin 6 50-60	Bin 7 60-70	Bin 8 70-80	Bin 9 80-90	Bin 10 90-100	Bin 11 100-110	Bin 12 >110
00:00	12	56.8	50.0	6.6	0	0	0	0	0	0	0	3	6	0	0	0
01:00	9	58.4	53.8	2.5	0	0	0	0	0	0	0	0	0	0	0	0
02:00	2	58.9	38.8	19.4	0	0	1	0	0	0	0	0	0	0	0	0
03:00	3	56.0	45.0	10.6	0	0	0	0	0	1	0	0	1	0	0	0
04:00	1	-	85.0	-	0	0	0	0	0	0	0	0	0	0	0	1
05:00	1	-	32.5	-	0	0	0	0	0	0	0	0	0	0	0	0
06:00	11	65.5	58.6	6.6	0	0	0	0	0	0	1	3	2	5	0	0
07:00	33	53.5	45.8	7.5	1	0	0	0	3	9	11	11	8	1	0	0
08:00	38	55.9	42.7	12.7	2	2	0	1	3	15	3	9	2	1	0	0
09:00	66	52.2	42.7	9.2	0	0	3	2	17	17	15	6	1	1	1	0
10:00	91	51.4	44.1	7.1	0	0	0	4	20	40	14	7	6	3	0	0
11:00	130	53.0	43.9	8.8	2	0	0	6	29	47	23	12	5	1	0	0
12:00	140	53.5	42.8	10.3	0	1	8	12	29	47	27	7	1	2	5	1
13:00	134	54.3	45.5	8.6	0	0	0	10	31	27	34	16	5	11	0	0
14:00	156	51.7	43.7	7.8	0	0	0	17	26	44	47	14	5	1	0	1
15:00	100	52.5	44.2	8.1	1	0	1	4	20	32	23	13	4	1	0	0
16:00	97	51.8	44.5	7.1	0	0	0	7	18	17	38	12	3	1	0	0
17:00	71	53.1	45.6	7.2	0	0	1	2	14	14	20	17	1	2	0	0
18:00	80	55.0	47.0	7.7	0	0	0	14	23	21	12	3	7	0	0	0
19:00	50	56.0	46.0	9.7	0	0	2	3	2	19	12	5	5	1	0	1
20:00	63	58.2	49.2	9.1	0	0	0	0	6	15	24	4	7	4	3	0
21:00	22	62.0	49.7	11.9	0	0	0	1	2	3	11	1	1	1	1	1
22:00	14	53.2	46.1	6.9	0	0	0	0	4	1	4	1	1	0	0	0
23:00	8	53.7	47.5	6.0	0	0	0	0	1	1	4	1	1	0	0	0
Total	221	52.4	44.0	8.1	2	0	0	30	49	87	34	39	11	8	1	0
2H(14-16)	256	52.0	43.9	7.9	2	0	1	21	46	76	70	27	9	2	1	1
12H(7-19)	1138	53.1	44.3	8.5	7	5	13	65	224	334	273	133	37	35	8	2
24H(0-24)	1331	54.2	45.0	8.9	7	5	16	70	241	376	330	140	63	46	12	5
AM Peak	11:00	06:00	04:00	02:00	08:00	08:00	09:00	11:00	11:00	11:00	11:00	11:00	01:00	06:00	09:00	04:00
PM Peak	14:00	21:00	21:00	21:00	14:00	13:00	13:00	14:00	13:00	14:00	17:00	20:00	13:00	12:00	12:00	12:00
	156	62.0	49.7	11.9	1	1	8	17	31	47	47	27	7	11	5	1

360 TSL Ltd

Direction: Total Flow

Hour	Total Vol	ECN %	Mean Ave	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-40	Bin 5 40-50	Bin 6 50-60	Bin 7 60-70	Bin 8 70-80	Bin 9 80-90	Bin 10 90-100	Bin 11 100-110	Bin 12 >110	
00:00	14	56.7	50.4	6.1	0	0	0	0	1	0	1	3	0	0	0	0	
01:00	12	60.0	53.8	6.1	0	0	0	0	1	0	1	3	0	0	0	0	
02:00	6	50.3	40.4	9.5	0	0	1	0	2	1	1	0	0	0	0	0	
03:00	4	54.0	46.3	7.5	0	0	0	0	1	1	0	2	0	0	0	0	
04:00	4	75.7	54.4	20.6	0	0	0	0	0	2	1	0	0	0	0	0	
05:00	5	55.0	46.5	8.2	0	0	0	0	1	0	0	2	2	0	0	0	
06:00	17	61.9	55.0	8.0	0	0	0	0	1	0	3	6	2	0	0	0	
07:00	48	53.5	44.2	8.8	0	2	1	1	7	11	14	10	2	0	0	0	
08:00	98	53.1	43.6	9.2	2	2	1	2	12	41	19	14	3	2	0	0	
09:00	161	52.3	43.2	8.8	1	0	4	14	37	51	28	33	5	7	1	0	
10:00	201	50.0	43.5	6.3	0	0	1	12	43	72	49	35	6	3	0	0	
11:00	356	52.0	44.1	7.6	2	0	3	9	46	99	54	26	0	0	0	0	
12:00	265	51.6	43.1	8.2	0	1	10	14	60	111	54	24	3	2	5	1	
13:00	253	53.1	43.8	8.0	0	0	0	6	16	46	61	74	28	10	12	0	
14:00	280	51.4	43.9	7.2	1	0	0	0	20	53	92	73	27	30	1	0	
15:00	220	52.9	44.9	7.7	1	0	1	7	41	70	59	27	5	7	2	0	
16:00	220	51.3	44.4	6.7	0	0	0	10	41	47	75	28	6	1	0	0	
17:00	176	52.7	45.3	7.1	0	0	1	7	34	46	44	32	7	5	0	0	
18:00	176	52.7	45.3	7.1	0	0	1	3	27	54	57	20	7	0	0	0	
19:00	113	54.4	46.7	7.4	0	0	2	3	4	44	24	27	7	1	0	1	
20:00	111	55.8	47.2	8.3	0	0	0	2	17	27	40	7	11	4	3	0	
21:00	48	56.4	45.9	10.2	0	0	1	3	8	18	4	2	1	1	1	0	
22:00	46	52.6	47.2	5.2	0	0	0	0	6	6	21	11	2	0	0	0	
23:00	17	54.7	48.1	6.3	0	0	0	1	1	2	5	7	1	0	0	0	
Total	407	51.2	43.8	7.1	2	0	3	21	91	171	103	41	34	10	1	0	
2H(14-16)	500	52.1	44.4	7.4	2	0	1	27	94	162	132	54	15	9	3	1	
12H(7-19)	2384	52.0	44.1	7.6	7	7	32	125	402	848	718	340	107	66	14	5	
AM Peak	2761	52.8	44.7	7.8	0	0	7	32	125	402	848	718	340	107	66	14	5
PM Peak	1236	51.0	43.0	6.8	0	0	0	0	0	0	0	0	0	0	0	0	
AM Peak	226	79.7	55.0	20.6	2	2	4	14	48	99	54	26	0	0	1	1	
PM Peak	226	21.0	29.0	21.0	14.0	16.0	16.0	14.0	12.0	12.0	16.0	20.0	20.0	20.0	20.0	12.0	20.0



North Wales ATC 13, A548

Direction: Northbound																
02/05/2022																
Hour Beginning	Total Volume	ESD Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-40	Bin 5 40-50	Bin 6 50-60	Bin 7 60-70	Bin 8 70-80	Bin 9 80-90	Bin 10 90-99	Bin 11 100-119	Bin 12 >120
00:00	2	54.4	41.5	7.1	0	0	0	0	0	0	0	0	0	0	0	0
01:00	2	49.8	42.5	7.1	0	0	0	0	1	0	1	0	0	0	0	0
02:00	5	45.8	43.2	6.0	0	0	0	0	2	1	0	0	0	0	0	0
03:00	1	-	42.5	-	0	0	0	0	0	1	0	0	0	0	0	0
04:00	4	46.3	43.8	2.5	0	0	0	0	0	3	1	0	0	0	0	0
05:00	2	53.7	50.0	3.5	0	0	0	0	0	1	1	0	0	0	0	2
06:00	10	54.5	49.5	4.8	0	0	0	0	1	0	3	6	0	0	0	0
07:00	31	58.1	46.9	10.9	0	1	1	1	1	3	14	3	1	4	0	0
08:00	63	49.7	43.3	6.2	0	0	1	1	19	21	9	11	1	0	0	0
09:00	110	51.2	43.7	7.3	0	1	12	21	39	27	11	7	1	0	0	0
10:00	142	48.3	42.7	5.4	0	0	2	7	32	52	42	5	2	0	0	0
11:00	171	51.4	44.9	6.3	0	0	1	8	27	48	54	25	7	1	0	0
12:00	168	48.9	43.2	5.5	0	0	1	3	45	68	29	18	4	0	0	0
13:00	128	50.6	43.7	6.7	0	0	4	4	29	34	39	12	6	0	0	0
14:00	158	50.7	45.7	6.8	0	0	0	9	38	55	32	14	8	1	1	0
15:00	168	50.2	44.1	5.9	0	0	0	5	28	74	40	17	1	2	1	0
16:00	155	49.8	45.5	6.1	0	1	0	5	34	56	40	13	3	0	0	0
17:00	139	52.0	45.0	6.8	0	0	0	5	34	35	30	24	10	1	0	0
18:00	120	50.9	44.3	6.4	0	0	1	6	23	37	31	16	6	0	0	0
19:00	72	53.3	45.5	5.5	0	0	0	0	5	29	23	19	4	1	0	0
20:00	76	49.3	42.8	6.4	0	0	0	6	25	16	20	5	4	0	0	0
21:00	45	52.8	43.0	9.4	0	0	6	4	3	4	23	3	1	2	0	0
22:00	29	48.7	44.2	4.3	0	0	0	0	5	11	11	2	0	0	0	0
23:00	12	51.2	43.3	9.6	0	0	0	6	6	1	1	4	0	0	0	0
Total																
2H(14-13)	313	50.1	43.9	6.0	0	0	3	15	59	100	96	30	9	1	0	0
2H(14-14)	326	50.5	43.9	6.3	0	0	0	14	66	129	72	31	9	3	2	0
12H(7-19)	1033	50.6	43.9	6.4	0	2	12	68	134	533	387	189	57	11	2	0
24H(9-24)	1813	50.8	44.0	6.5	0	2	18	80	176	572	472	230	66	13	2	0
AM Peak	11:00	07:00	05:00	07:00	06:00	07:00	10:00	09:00	10:00	10:00	11:00	11:00	09:00	07:00	06:00	06:00
	171	58.1	50.8	10.9	0	1	2	12	32	52	54	25	7	4	0	0
PM Peak	12:00	19:00	19:00	23:00	12:00	16:00	21:00	14:00	12:00	15:00	15:00	17:00	17:00	15:00	14:00	12:00
	168	53.3	47.3	9.6	0	1	6	9	45	74	40	38	10	2	1	0

360 TSL Ltd

Direction: Southbound																
02/05/2022																
Hour Beginning	Total Volume	ESD Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-40	Bin 5 40-50	Bin 6 50-60	Bin 7 60-70	Bin 8 70-80	Bin 9 80-90	Bin 10 90-99	Bin 11 100-119	Bin 12 >120
00:00	22	56.4	49.4	6.7	0	0	0	0	1	7	5	10	2	1	0	0
01:00	6	56.8	54.2	2.6	0	0	0	0	0	4	2	0	0	0	0	0
02:00	4	46.1	31.9	12.8	0	0	0	0	0	0	0	1	0	0	0	0
03:00	3	51.5	42.5	8.7	0	0	0	0	0	1	0	0	0	0	0	0
04:00	1	-	85.0	-	0	0	0	0	0	0	0	0	0	0	0	1
05:00	1	-	66.0	-	0	0	0	0	0	0	0	0	0	0	0	1
06:00	17	66.0	59.1	6.7	0	0	0	0	0	0	1	6	1	9	0	0
07:00	31	54.5	47.1	7.2	0	1	0	0	1	5	13	11	0	0	0	0
08:00	47	52.6	37.9	14.3	5	3	0	4	7	17	1	4	4	0	0	0
09:00	88	52.6	42.6	9.6	1	0	4	15	12	17	21	15	1	1	1	0
10:00	131	51.5	45.9	7.3	0	0	0	4	22	47	22	18	14	0	0	0
11:00	184	53.9	42.3	11.2	12	0	0	5	31	72	36	15	7	5	1	0
12:00	165	51.5	41.1	10.0	0	1	11	26	40	48	21	8	2	2	6	0
13:00	167	52.2	43.9	8.0	0	0	0	14	46	62	40	9	6	10	0	0
14:00	179	51.2	44.0	6.9	1	0	0	11	35	57	44	21	9	1	0	0
15:00	141	53.5	45.6	6.5	1	5	15	23	40	34	11	7	1	4	0	0
16:00	147	52.2	43.4	8.5	0	5	0	11	22	47	40	12	7	3	0	0
17:00	116	52.2	45.5	6.4	0	0	1	2	21	27	39	21	3	2	0	0
18:00	100	54.7	46.6	7.8	0	0	0	7	32	16	13	13	5	0	0	0
19:00	85	53.0	45.0	7.7	0	0	3	4	6	38	13	10	10	1	0	0
20:00	51	57.0	49.2	7.6	0	0	0	0	14	18	7	6	3	1	1	0
21:00	35	57.6	46.9	10.4	0	0	0	1	7	7	15	1	1	1	1	1
22:00	13	52.6	46.6	5.8	0	0	0	0	4	1	11	1	0	0	0	0
23:00	8	51.5	43.8	7.9	0	0	0	0	4	1	1	1	1	0	0	0
Total																
2H(10-12)	315	54.1	43.8	9.9	12	0	0	9	53	139	58	33	21	9	1	0
2H(14-14)	330	52.3	43.8	8.2	2	0	5	26	58	97	78	32	16	2	4	0
12H(7-19)	1496	53.1	43.6	9.1	20	10	21	107	281	451	329	158	73	34	12	0
24H(9-24)	1752	53.6	44.2	9.2	20	10	27	112	307	521	389	202	98	50	14	2
AM Peak	11:00	06:00	04:00	08:00	11:00	08:00	09:00	09:00	11:00	11:00	11:00	10:00	10:00	06:00	09:00	04:00
	184	49.0	41.4	12	3	6	10	31	72	36	38	34	9	1	1	1
PM Peak	14:00	21:00	20:00	21:00	14:00	16:00	13:00	13:00	13:00	14:00	14:00	18:00	13:00	13:00	12:00	21:00
	179	57.6	49.2	10.4	1	5	11	26	46	57	44	21	12	10	6	1

360 TSL Ltd

Direction: Total Flow																
Hour	Total Volume	ESD Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-40	Bin 5 40-50	Bin 6 50-60	Bin 7 60-70	Bin 8 70-80	Bin 9 80-90	Bin 10 90-99	Bin 11 100-119	Bin 12 >120
00:00	24	56.1	49.3	6.6	0	0	0	0	1	8	1	11	2	1	0	0
01:00	8	57.9	51.3	6.4	0	0	0	0	1	0	1	4	2	0	0	0
02:00	9	47.9	37.2	10.3	0	0	3	0	2	1	0	1	0	0	0	0
03:00	4	49.8	42.5	7.1	0	0	0	0	2	1	0	1	0	0	0	0
04:00	5	71.3	52.0	18.6	0	0	0	0	0	0	1	0	0	0	0	0
05:00	3	64.3	55.0	9.0	0	0	0	0	0	0	1	1	0	1	0	0
06:00	27	61.4	55.6	7.6	0	0	0	0	1	0	4	1	0	0	0	0
07:00	62	56.5	47.0	8.1	0	2	1	1	4	8	27	14	1	4	0	0
08:00	110	52.0	44.0	10.6	5	3	1	5	26	38	12	15	5	0	0	0
09:00	198	51.9	43.2	8.4	1	0	5	27	57	48	36	8	2	1	0	0
10:00	273	51.0	44.2	6.6	0	0	2	11	54	99	64	23	16	4	0	0
11:00	355	52.2	45.6	8.9	12	0	1	12	58	120	90	40	14	6	1	0
12:00	333	50.6	42.2	8.1	0	1	12	29	85	116	50	26	6	2	6	0
13:00	295	51.5	43.8	7.4	0	0	4	18	75	76	79	21	16	10	1	0
14:00	337	51.0	43.9	6.8	1	0	0	20	73	112	76	35	17	2	1	0
15:00	309	51.9	43.9	7.8	1	0	5	20	55	114	74	28	8	3	5	0
16:00	302	51.1	43.5	7.4	0	0	6	16	57	103	80	25	11	4	0	0
17:00	255	52.1	45.2	6.6	0	0	1	7	55	62	69	45	13	3	0	0
18:00	220	52.7	45.3	7.1	0	0	1	6	44	69	47	29	19	5	0	0
19:00	157	53.3	46.2	6.9	0	0	3	4	11	58	36	29	14	2	0	0
20:00	95	53.2	46.4	7.0	0	0	6	7	37	30	27	10	5	0	0	0
21:00	80	55.0	44.7	10.0	0	0	0	0	10	11	38	4	2	2	1	0
22:00	52	50.6	45.3	8.1	0	0	0	0	9	14	22	5	2	0	0	0
23:00	27	51.4	43.3	6.8	0	0	0	0	2	4	2	5	1	1	0	0
Total																
DNE13:00	628	52.4	43.8	8.2	12	0	3	24	112	279	154	63	30	10	1	0
DNE14:00	564	51.4	43.9	7.3	2	0	6	24	124	236	163	65	25	6	4	0
DNE15:00	3040	51.8	43.8	7.9	20	12	33	173	635	964	716	327	130	45	14	0
DNE16:00	3665	52.4	44.1	8.0	10	12	45	194	683	1093	861	412	164	63	16	2
APM Peak																
11:00	6450	50.00	40.00	11.00	08.00	08.00	08.00	11.00	11.00	11.00	11.00	06.00	09.00	06.00	04.00	04.00
12:00	5616	48.8	38.8	9.2	2	0	0	6	4	2	5	1	1	0	0	0
13:00	4540	51.8	43.8	7.9	20	12	33	173	635	964	716	327	130	45	14	0
14:00	3665	52.4	44.1	8.0	10	12	45	194	683	1093	861	412	164	63	16	2
PM Peak																
16:00	7100	50.00	40.00	11.00	14:00	16:00	12:00	12:00	22.00	22.00	17:00	18:00	13:00	12:00	12:00	21:00
17:00	3337	48.8	38.8	9.2	3	0	0	2	29	85	116	80	45	35	35	6



North Wales ATC 13, A548

Direction: Northbound

05/05/2022																
Hour	Total Volume	ESD Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-40	Bin 5 40-50	Bin 6 50-60	Bin 7 60-70	Bin 8 70-80	Bin 9 80-90	Bin 10 90-99	Bin 11 100-119	Bin 12 >120
00:00	2	49.8	42.5	7.1	0	0	0	0	0	0	0	0	0	0	0	0
01:00	1	-	32.5	-	0	0	0	1	0	0	0	0	0	0	0	0
02:00	1	-	32.5	-	0	0	0	1	0	0	0	0	0	0	0	0
03:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
04:00	3	56.8	50.8	5.8	0	0	0	0	0	2	2	0	1	0	0	0
05:00	7	57.0	47.5	8.1	0	0	0	1	1	1	1	1	3	1	0	0
06:00	32	61.3	51.8	9.2	0	0	0	0	5	3	3	12	2	7	0	0
07:00	106	55.2	48.4	6.5	0	1	1	1	6	13	32	25	17	1	0	0
08:00	161	53.1	45.5	7.3	0	0	0	14	20	45	40	27	11	4	0	0
09:00	142	49.1	41.8	7.0	0	0	5	15	37	44	20	17	4	0	0	0
10:00	168	48.5	41.8	6.5	0	0	6	7	57	51	33	9	4	1	0	0
11:00	140	49.3	43.3	5.8	0	0	1	6	37	42	36	16	2	0	0	0
12:00	103	47.7	41.1	6.4	0	0	4	16	58	44	27	10	4	0	0	0
13:00	110	52.7	46.8	5.7	0	0	0	3	6	32	39	23	6	1	0	0
14:00	137	51.4	44.5	6.6	0	0	1	3	37	34	31	22	9	0	0	0
15:00	171	50.2	44.4	5.6	0	0	0	4	33	60	47	23	3	1	0	0
16:00	201	52.5	45.7	6.9	0	0	0	3	26	60	66	34	3	0	0	0
17:00	171	56.6	48.8	7.6	0	0	0	0	19	42	40	38	18	54	0	0
18:00	92	58.5	50.4	7.9	0	0	0	0	3	22	27	18	10	11	1	0
19:00	63	54.3	48.5	5.6	0	0	0	0	5	12	17	25	3	1	0	0
20:00	29	53.9	45.3	8.3	0	0	0	0	3	8	3	9	3	0	0	0
21:00	11	56.9	48.7	9.8	0	0	0	0	3	15	2	4	0	7	0	0
22:00	18	53.2	45.7	7.3	0	0	0	1	1	8	5	1	1	1	0	0
23:00	9	60.3	52.7	8.3	0	0	0	0	1	0	4	0	3	1	0	0
Total																
2H(10-12)	308	48.9	42.5	6.2	0	0	7	13	94	93	69	25	6	1	0	0
2H(14-16)	308	50.7	44.5	6.0	0	0	1	7	70	94	78	45	12	1	0	0
12H(7-19)	1762	52.4	44.9	7.1	0	0	21	72	339	499	438	262	91	39	1	0
24H(0-24)	6994	51.9	45.3	7.3	0	0	71	79	364	640	476	316	105	56	1	0
AM Peak	10:00	06:00	06:00	06:00	00:00	00:00	10:00	09:00	10:00	10:00	08:00	08:00	07:00	06:00	00:00	00:00
	168	61.3	51.8	9.2	0	0	6	15	17	51	40	27	17	7	0	0
PM Peak	16:00	23:00	23:00	21:00	12:00	12:00	12:00	12:00	12:00	15:00	16:00	17:00	17:00	18:00	12:00	
	201	60.3	52.7	9.8	0	0	4	16	16	60	66	38	18	14	1	0

360 TSL Ltd

Direction: Southbound

Hour Beginning	Total Volume	ESD Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-40	Bin 5 40-50	Bin 6 50-60	Bin 7 60-70	Bin 8 70-80	Bin 9 80-90	Bin 10 90-99	Bin 11 100-119	Bin 12 >120
00:00	6	62.9	45.4	16.9	0	0	0	3	0	0	1	1	0	0	0	0
01:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
03:00	2	59.8	52.5	7.1	0	0	0	0	0	0	1	0	0	0	0	0
04:00	4	57.4	43.8	13.1	0	0	0	2	0	0	0	1	1	0	0	0
05:00	7	55.1	46.4	8.4	0	0	0	0	0	5	1	0	0	0	0	0
06:00	37	54.8	48.3	6.3	0	0	0	2	0	10	7	34	4	0	0	0
07:00	104	53.7	45.7	7.7	0	0	3	10	5	25	31	19	11	0	0	0
08:00	235	50.9	43.8	6.8	0	4	4	62	81	43	24	14	3	0	0	0
09:00	174	51.3	42.5	8.4	0	0	10	17	45	34	37	19	9	3	0	0
10:00	123	48.3	42.4	5.7	0	0	6	33	52	22	5	3	1	0	0	0
11:00	201	52.9	45.0	7.6	0	0	1	4	19	33	24	10	5	5	0	0
12:00	115	52.9	44.5	8.1	1	0	1	9	21	22	38	16	4	3	0	0
13:00	148	49.4	42.8	6.3	0	0	1	8	38	61	23	11	3	3	0	0
14:00	142	52.0	43.2	8.5	1	0	3	11	36	39	27	13	7	5	0	0
15:00	140	54.2	45.1	7.8	0	0	11	21	29	38	25	9	6	0	0	0
16:00	171	55.7	48.3	7.2	0	0	1	3	13	34	55	44	12	8	1	0
17:00	107	58.4	48.6	8.5	0	0	0	1	25	22	38	48	16	14	3	0
18:00	200	60.0	50.6	9.1	0	1	0	1	9	12	28	38	18	12	1	0
19:00	102	63.0	53.3	9.3	0	0	1	0	3	13	20	27	20	13	4	1
20:00	48	60.7	53.2	7.2	0	0	0	0	3	14	11	13	5	1	0	0
21:00	29	59.0	49.7	9.0	0	0	0	0	4	6	5	8	3	2	1	0
22:00	17	61.2	52.8	8.1	0	0	0	1	0	1	0	1	1	1	1	0
23:00	12	56.8	50.6	5.9	0	0	0	0	0	0	9	0	2	1	0	0
Total																
2H(10-12)	224	50.6	43.6	6.7	0	0	2	10	52	85	46	15	8	6	0	0
2H(14-16)	282	53.2	44.7	8.2	1	0	3	21	57	68	65	39	16	11	0	0
12H(7-19)	1720	53.6	45.3	8.1	2	1	25	85	327	444	404	253	111	63	5	0
24H(0-24)	6994	54.9	46.1	8.4	2	1	27	92	335	482	445	330	160	86	13	1
AM Peak	08:00	03:00	03:00	00:00	00:00	00:00	09:00	09:00	08:00	08:00	08:00	08:00	08:00	11:00	00:00	00:00
	191	62.9	52.5	16.9	0	0	10	17	62	81	43	24	14	3	1	0
PM Peak	16:00	19:00	19:00	18:00	12:00	18:00	14:00	14:00	13:00	13:00	16:00	17:00	17:00	18:00	19:00	19:00
	171	63.0	53.3	9.3	1	1	3	11	38	61	55	48	20	14	4	1

360 TSL Ltd

Direction: Total Flow																
Hour	Total Volume	ESD Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-40	Bin 5 40-50	Bin 6 50-60	Bin 7 60-70	Bin 8 70-80	Bin 9 80-90	Bin 10 90-99	Bin 11 100-119	Bin 12 >120
00:00	8	59.8	44.7	14.6	0	0	0	3	1	0	2	1	0	0	1	0
01:00	1	-	32.5	-	0	0	0	1	0	0	0	0	0	0	0	0
02:00	1	-	32.5	-	0	0	0	1	0	0	0	0	0	0	0	0
03:00	2	59.8	52.5	7.1	0	0	0	0	0	0	1	0	1	0	0	0
04:00	7	57.7	46.8	10.6	0	0	0	2	0	2	1	2	0	0	0	0
05:00	14	55.7	47.0	8.4	0	0	0	1	1	5	2	3	1	1	0	0
06:00	69	58.1	48.9	6.9	0	0	0	2	5	11	10	26	6	7	0	0
07:00	210	54.5	47.1	7.2	0	0	4	11	11	48	63	44	28	1	0	0
08:00	396	51.9	44.5	7.1	0	0	4	18	82	126	81	51	25	7	0	0
09:00	316	50.3	42.2	7.8	0	0	15	32	82	78	57	36	13	3	0	0
10:00	291	48.4	42.0	6.2	0	0	7	13	90	103	55	14	7	2	0	0
11:00	342	50.9	44.0	6.7	0	0	0	10	56	75	60	16	7	5	0	0
12:00	278	50.1	42.5	7.3	1	0	5	25	79	66	65	26	8	3	0	0
13:00	288	51.1	44.9	6.4	1	0	1	11	44	93	62	34	9	4	0	0
14:00	279	51.8	43.9	7.6	1	0	4	14	73	73	58	35	16	5	0	0
15:00	311	52.1	45.2	6.7	0	0	0	15	54	89	85	49	12	7	0	0
16:00	372	54.1	46.9	7.0	0	0	4	6	39	94	111	79	41	14	1	0
17:00	188	57.5	49.2	8.0	0	0	0	1	44	64	78	86	34	28	3	0
18:00	192	59.3	50.5	8.5	0	1	0	1	11	34	55	16	28	13	3	0
19:00	165	60.2	51.5	8.4	0	0	1	0	8	25	37	52	23	14	4	1
20:00	77	59.1	50.2	8.5	0	0	0	3	9	8	17	20	16	5	1	0
21:00	40	58.0	49.2	9.4	0	0	0	0	7	21	7	12	3	9	1	0
22:00	45	58.7	49.9	8.5	0	0	1	1	1	9	8	1	6	2	1	0
23:00	21	58.2	53.1	6.8	2	0	0	0	1	0	11	0	5	2	0	0
Total																
2016-10-12	532	49.6	42.9	6.5	0	0	9	23	146	178	115	40	14	7	0	0
2016-10-13	500	52.1	45.6	7.2	1	0	4	6	39	94	112	78	34	28	12	1
17:00-19:00	342	50.3	42.1	7.6	2	1	46	137	666	943	842	515	202	102	6	0
2016-10-24	3951	53.9	45.7	7.3	2	1	48	171	699	1022	941	646	205	142	14	1
AM Peak																
08:00	63.00	63.00	63.00	00.00	00.00	00.00	00.00	00.00	00.00	08.00	08.00	07.00	00.00	00.00	00.00	00.00
09:00	115.00	115.00	115.00	00.00	00.00	00.00	00.00	00.00	00.00	11.00	11.00	10.00	00.00	00.00	00.00	00.00
PM Peak																
16:00	19.00	19.00	21.00	12.00	18.00	12.00	12.00	12.00	16.00	16.00	17.00	17.00	17.00	19.00	19.00	19.00
17:00	372	46.2	55.5	14.4	1	1	1	25	79	94	122	85	34	28	4	0



North Wales ATC 13, A548

Direction: Northbound																04/05/2022	
Hour	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-40	Bin 5 40-45	Bin 6 45-50	Bin 7 50-55	Bin 8 55-60	Bin 9 60-70	Bin 10 70-80	Bin 11 70-80	Bin 12 >80	
00:00	2	58.7	55.0	5.5	0	0	0	0	0	0	1	0	0	0	0	0	
01:00	3	47.5	47.5	0.0	0	0	0	0	0	0	3	0	0	0	0	0	
02:00	2	58.7	55.0	5.5	0	0	0	0	0	0	1	1	0	0	0	0	
03:00	3	48.8	45.8	2.9	0	0	0	0	0	1	2	0	0	0	0	0	
04:00	6	59.2	54.2	5.2	0	0	0	0	0	0	2	0	4	0	0	0	
05:00	16	62.9	53.3	9.3	0	0	0	1	1	0	3	1	5	3	0	0	
06:00	29	59.9	50.4	9.2	0	0	0	0	0	5	6	3	7	4	0	0	
07:00	113	55.8	49.2	6.4	0	0	0	0	0	10	13	45	26	14	5	0	
08:00	170	53.5	47.3	6.0	0	0	0	3	14	45	50	40	38	0	0	0	
09:00	140	52.4	45.0	7.2	0	0	0	6	36	31	32	22	11	3	0	0	
10:00	146	53.7	46.6	6.4	0	0	0	1	23	36	48	23	12	3	0	0	
11:00	113	53.1	45.2	7.7	0	0	0	6	25	26	21	22	7	3	0	0	
12:00	188	48.3	42.2	5.9	0	0	0	19	44	54	34	34	3	0	0	0	
13:00	112	50.5	43.9	6.4	0	0	1	2	30	37	27	4	11	0	0	0	
14:00	109	49.4	42.5	6.7	0	0	0	14	26	36	20	7	5	1	0	0	
15:00	177	51.4	44.2	6.9	0	0	0	9	37	63	45	9	7	7	0	0	
16:00	218	50.6	44.2	8.2	0	0	1	7	45	83	40	30	5	0	0	0	
17:00	144	54.4	46.8	7.3	0	0	0	5	24	27	39	36	7	6	0	0	
18:00	93	55.3	47.6	7.4	0	0	0	2	10	23	23	26	7	1	0	1	
19:00	68	52.1	45.1	6.7	0	0	0	4	13	14	23	30	3	1	0	0	
20:00	53	53.2	44.0	8.9	0	0	1	6	12	16	3	8	5	2	0	0	
21:00	35	48.3	42.5	5.6	0	0	0	3	4	10	6	2	0	0	0	0	
22:00	21	54.3	44.4	9.5	0	0	1	0	6	8	1	0	4	1	0	0	
23:00	10	51.6	42.8	8.5	0	0	1	1	1	5	1	0	0	0	0	0	
Total	259	53.2	46.0	7.0	0	0	1	7	48	62	71	45	39	6	0	0	
2H(14-16)	286	50.7	43.5	6.9	0	0	0	23	63	99	65	16	12	8	0	0	
12H(7-19)	1703	52.4	45.3	6.9	0	0	3	24	324	474	446	239	134	28	0	1	
24H(0-24)	3941	51.7	45.4	7.1	0	0	6	89	366	528	480	288	144	39	0	1	
AM Peak	08:00	05:00	00:00	05:00	00:00	00:00	11:00	09:00	09:00	08:00	08:00	08:00	08:00	07:00	00:00	00:00	
	170	62.9	55.8	9.3	0	0	1	6	36	45	50	40	38	5	0	0	
PM Peak	16:00	18:00	18:00	22:00	12:00	12:00	13:00	12:00	16:00	16:00	15:00	17:00	16:00	15:00	12:00	18:00	
	218	55.3	47.6	9.5	0	0	1	13	45	83	45	36	32	7	0	1	

360 TSL Ltd

Direction: Southbound																
Hour Beginning	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-35	Bin 5 35-40	Bin 6 40-45	Bin 7 45-50	Bin 8 50-55	Bin 9 55-60	Bin 10 60-70	Bin 11 70-80	Bin 12 >80
00:00	3	65.8	56.7	8.8	0	0	0	0	0	0	1	0	1	1	0	0
01:00	2	57.5	57.5	0.0	0	0	0	0	0	0	0	2	0	0	0	0
02:00	4	52.5	52.5	0.0	0	0	0	0	0	0	0	4	0	0	0	0
03:00	5	57.5	56.5	6.7	0	0	0	0	0	1	2	0	0	0	0	0
04:00	3	64.1	56.7	7.2	0	0	0	0	0	0	0	2	0	0	1	0
05:00	5	70.1	58.5	10.2	0	0	0	0	0	0	0	0	0	1	1	0
06:00	36	54.7	46.5	7.8	0	0	0	2	7	7	20	44	36	8	0	0
07:00	103	55.2	48.0	6.9	0	0	0	4	5	20	44	36	8	6	0	0
08:00	207	54.4	46.9	7.5	0	2	6	37	65	76	46	34	12	0	0	0
09:00	140	56.3	46.8	9.2	0	0	1	3	29	37	29	19	9	10	3	0
10:00	122	55.2	45.3	7.7	0	0	0	2	13	37	22	27	13	2	2	0
11:00	145	46.5	38.7	7.5	1	11	17	59	32	16	5	3	0	0	0	0
12:00	126	46.9	40.6	6.0	1	0	0	19	35	54	13	8	0	0	0	0
13:00	133	47.6	41.5	5.9	0	2	13	16	37	48	26	5	1	1	0	0
14:00	138	47.7	40.3	7.1	0	0	5	25	42	34	23	7	1	2	0	0
15:00	126	50.8	45.9	6.7	0	0	7	17	25	34	17	5	1	0	0	0
16:00	188	49.3	43.4	5.6	0	0	1	4	48	71	39	19	6	0	0	0
17:00	177	48.3	40.9	4.9	0	0	0	6	39	75	42	13	2	0	0	0
18:00	124	51.4	45.2	6.0	0	0	0	24	34	44	34	6	1	0	0	0
19:00	79	50.8	42.1	8.4	0	0	6	9	16	19	15	9	5	0	0	0
20:00	48	50.0	41.6	8.1	0	0	4	11	12	12	4	0	0	1	0	0
21:00	24	47.2	39.6	7.3	0	0	2	3	8	7	1	3	0	0	0	0
22:00	18	50.5	40.8	8.4	0	0	1	1	1	3	1	0	0	0	0	0
23:00	4	46.3	43.8	2.5	0	0	0	0	0	3	1	0	0	0	0	0
Total	267	51.6	42.6	8.7	1	1	11	119	76	69	38	32	16	2	2	0
2H(14-16)	264	49.4	42.1	7.1	0	0	5	32	78	59	57	24	6	3	0	0
12H(7-19)	1789	51.6	43.9	7.4	2	1	23	106	404	532	408	195	78	35	5	0
24H(0-24)	3020	51.7	43.9	7.6	2	2	36	125	449	587	452	236	96	39	6	0
AM Peak	08:00	05:00	05:00	05:00	11:00	11:00	11:00	11:00	11:00	08:00	08:00	08:00	08:00	08:00	09:00	00:00
	207	59.1	59.2	8.2	1	1	11	17	59	65	76	46	34	12	8	0
PM Peak	16:00	18:00	18:00	22:00	12:00	12:00	13:00	19:00	14:00	16:00	17:00	18:00	16:00	14:00	12:00	12:00
	188	51.4	45.2	9.4	1	1	6	25	48	75	44	29	6	2	0	0

360 TSL Ltd

Direction: Total Flow																	
Hour Beginning	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-35	Bin 5 35-40	Bin 6 40-45	Bin 7 45-50	Bin 8 50-55	Bin 9 55-60	Bin 10 60-70	Bin 11 70-80	Bin 12 >80	
00:00	5	62.8	56.0	6.5	0	0	0	0	0	0	1	1	2	1	0	0	
01:00	5	57.2	53.5	5.5	0	0	0	0	0	0	3	0	2	0	0	0	
02:00	6	55.4	53.3	2.0	0	0	0	0	0	0	5	1	0	0	0	0	
03:00	8	54.8	48.8	5.8	0	0	0	0	0	0	2	4	0	2	0	0	
04:00	9	60.8	55.0	5.6	0	0	0	0	0	0	2	4	0	1	0	0	
05:00	21	64.7	54.8	9.6	0	0	0	1	1	0	3	6	5	4	1	0	
06:00	65	57.2	48.3	8.6	0	0	0	2	14	11	14	7	55	4	0	0	
07:00	216	55.6	48.6	6.7	0	0	0	4	15	33	89	42	22	11	0	0	
08:00	437	54.2	47.1	6.9	0	0	2	9	51	132	126	85	42	12	0	0	
09:00	280	54.4	45.9	8.2	0	0	1	9	68	61	61	40	20	12	3	0	
10:00	268	54.2	46.9	7.0	0	0	0	3	40	73	70	50	25	5	2	0	
11:00	358	50.2	41.6	8.2	1	1	12	28	84	58	29	17	10	3	0	0	
12:00	294	47.8	41.5	6.0	1	0	0	38	75	108	47	22	3	0	0	0	
13:00	245	49.1	42.8	6.2	0	0	0	9	55	63	53	9	12	1	0	0	
14:00	247	48.5	41.3	7.0	0	0	5	39	67	70	43	14	6	3	0	0	
15:00	303	51.2	44.1	6.8	0	0	0	16	74	85	79	26	12	8	0	0	
16:00	406	50.0	43.8	5.9	0	0	2	11	91	154	79	49	18	0	0	0	
17:00	321	51.4	44.8	6.4	0	0	0	11	63	102	81	49	9	6	0	0	
18:00	217	53.2	46.2	6.7	0	0	0	1	2	34	57	67	40	13	0	0	
19:00	147	51.6	43.5	7.8	0	0	4	13	29	33	38	19	8	1	0	0	
20:00	101	51.7	42.8	8.6	0	0	5	10	23	28	15	12	5	3	0	0	
21:00	49	47.8	41.1	6.6	0	0	2	6	12	17	7	5	0	0	0	0	
22:00	39	52.6	42.8	9.5	0	1	2	1	9	14	5	2	4	1	0	0	
23:00	14	50.5	43.0	7.2	0	0	1	1	1	4	6	1	0	0	0	0	
Total	32																
Trend 15-18-21																	
15:00	326	52.6	44.3	8.1	0	1	1	12	26	124	111	108	77	35	8	2	0
16:00	501	50.1	42.8	7.0	0	0	5	5	51	181	154	79	49	18	0	0	0
17:00	321	51.4	44.8	6.4	0	0	0	16	80	178	100	84	47	10	6	0	0
18:00	217	53.2	46.2	6.7	0	0	0	1	2	34	57	67	40	13	0	0	0
19:00	147	51.6	43.5	7.8	0	0	4	13	29	33	38	19	8	1	0	0	
20:00	101	51.7	42.8	8.6	0	0	5	10	23	28	15	12	5	3	0	0	
21:00	49	47.8	41.1	6.6	0	0	2	6	12	17	7	5	0	0	0	0	
22:00	39	52.6	42.8	9.5	0	1	2	1	9	14	5	2	4	1	0	0	
23:00	14	50.5	43.0	7.2	0	0	1	1	1	4	6	1	0	0	0	0	
Trend 18-21-24																	
18:00	216	55.6	48.6	6.7	0	0	0	4	15	33	89	42	22	11	0	0	0
19:00	147	51.6	43.5	7.8	0	0	4	13	29	33	38	19	8	1	0	0	0
20:00	101	51.7	42.8	8.6	0	0	5	10	23	28	15	12	5	3	0	0	0
21:00	49	47.8	41.1	6.6	0	0	2	6	12	17	7	5	0	0	0	0	0
22:00	39	52.6	42.8	9.5	0	1	2	1	9	14	5	2	4	1	0	0	0
23:00	14	50.5	43.0	7.2	0	0	1	1	1	4	6	1	0	0	0	0	0
Trend 21-24-27																	
21:00	49	47.8	41.1	6.6	0	0	2	6	12	17	7	5	0	0	0	0	0
22:00	39	52.6	42.8	9.5	0	1	2	1	9	14	5	2	4	1	0	0	0
23:00	14	50.5	43.0	7.2	0	0	1	1	1	4	6	1	0	0	0	0	0
Trend 24-27-30																	
24:00	38	53.2	48.3	9.5	1	3	1	6	39	93	134	81	49	35	8	2	0
25:00	18	50.0	45.0	22.00	0	0	0	0	14	30	40	17	10	10	15	13	0
26:00	48	53.2	48.3	9.5	1	3	1	6	39	93	134	81	49	35	8	2	0



North Wales ATC 13, A548



Direction: Northbound

Hour Beginning	Thu 05/05/2022	Fri 06/05/2022	Sat 07/05/2022	Sun 08/05/2022	Mon 09/05/2022	Tue 10/05/2022	Wed 11/05/2022	5-Day Ave.	7-Day Ave.
00:00	1	0	2	3	2	4	2	2	2
01:00	1	2	5	3	2	1	1	1	2
02:00	3	0	2	4	1	0	2	1	2
03:00	0	2	1	2	4	0	3	2	2
04:00	1	1	2	3	4	2	4	2	2
05:00	9	4	5	3	12	11	9	9	8
06:00	37	38	19	7	34	41	37	37	30
07:00	100	95	45	22	110	107	113	105	85
08:00	160	159	76	52	162	169	167	163	135
09:00	155	150	107	86	125	134	133	139	127
10:00	155	127	136	116	144	157	148	146	140
11:00	133	184	158	142	167	123	130	147	148
12:00	155	164	126	153	139	166	165	158	153
13:00	133	126	116	120	136	117	126	128	125
14:00	153	148	140	120	145	141	128	143	139
15:00	173	173	117	123	167	160	178	170	156
16:00	228	190	148	125	204	210	209	208	188
17:00	176	184	116	97	176	176	165	175	156
18:00	94	76	100	87	75	98	101	89	90
19:00	80	52	64	58	61	67	58	64	63
20:00	65	42	54	55	49	38	48	48	50
21:00	41	29	37	30	19	27	29	29	30
22:00	34	20	33	18	16	10	18	20	21
23:00	9	13	10	9	4	6	7	8	8
Total									
12H(7-19)	1815	1776	1385	1243	1750	1758	1763	1772	1641
16H(6-22)	2038	1937	1559	1393	1913	1931	1935	1951	1815
18H(6-24)	2081	1970	1602	1420	1933	1947	1960	1978	1845
24H(0-24)	2096	1979	1619	1438	1958	1965	1981	1996	1862
AM Peak	08:00	11:00	11:00	11:00	11:00	08:00	08:00	08:00	11:00
	160	184	158	142	167	169	167	163	148
PM Peak	16:00	16:00	16:00	12:00	16:00	16:00	16:00	16:00	16:00
	228	190	148	153	204	210	209	208	188

360 TSL Ltd

Direction: Southbound

Hour Beginning	Thu 05/05/2022	Fri 06/05/2022	Sat 07/05/2022	Sun 08/05/2022	Mon 09/05/2022	Tue 10/05/2022	Wed 11/05/2022	5-Day Ave.	7-Day Ave.
00:00	2	3	3	15	2	5	4	3	5
01:00	1	1	5	7	2	0	3	1	3
02:00	2	0	1	2	0	0	1	1	1
03:00	0	3	2	2	2	2	6	3	2
04:00	3	2	2	1	2	4	2	3	2
05:00	3	3	2	1	4	5	4	4	3
06:00	28	31	12	7	20	36	28	29	23
07:00	112	111	45	28	130	121	124	120	96
08:00	266	238	64	39	255	240	252	250	193
09:00	167	164	85	57	139	161	151	156	132
10:00	160	117	105	89	110	139	106	126	118
11:00	120	120	139	132	124	110	137	122	126
12:00	130	137	168	135	131	125	129	130	136
13:00	152	171	142	129	132	148	128	146	143
14:00	130	139	134	150	134	137	144	137	138
15:00	138	151	132	117	154	139	124	141	136
16:00	166	171	137	113	135	154	172	160	150
17:00	170	167	123	79	182	170	164	171	151
18:00	119	135	96	84	92	102	110	112	105
19:00	93	93	88	55	77	74	81	84	80
20:00	68	55	54	51	45	53	51	54	54
21:00	35	47	44	23	39	31	34	37	36
22:00	30	36	30	16	19	25	19	26	25
23:00	14	19	12	8	10	9	12	13	12
Total									
12H(7-19)	1830	1821	1370	1152	1718	1746	1741	1771	1625
16H(6-22)	2054	2047	1568	1288	1899	1940	1935	1975	1819
18H(6-24)	2098	2102	1610	1312	1928	1974	1966	2014	1856
24H(0-24)	2109	2114	1625	1340	1940	1990	1986	2028	1872
AM Peak	08:00	08:00	11:00	11:00	08:00	08:00	08:00	08:00	08:00
	266	238	139	132	255	240	252	250	193
PM Peak	17:00	13:00	12:00	14:00	17:00	17:00	16:00	17:00	17:00
	170	171	168	150	182	170	172	171	151

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Thu 05/05/2022	Fri 06/05/2022	Sat 07/05/2022	Sun 08/05/2022	Mon 09/05/2022	Tue 10/05/2022	Wed 11/05/2022	5-Day Ave.	7-Day Ave.
00:00	3	3	5	18	4	9	6	5	7
01:00	2	3	10	10	4	1	4	3	5
02:00	5	0	3	6	1	0	3	2	3
03:00	0	5	3	4	6	2	9	4	4
04:00	4	3	4	4	6	6	6	5	5
05:00	12	7	7	4	16	16	13	13	11
06:00	65	69	31	14	54	77	65	66	54
07:00	212	206	90	50	240	228	237	225	180
08:00	426	397	140	91	417	409	419	414	328
09:00	322	314	192	143	264	295	284	296	259
10:00	315	244	241	205	254	296	254	273	258
11:00	253	304	297	274	291	233	267	270	274
12:00	285	301	294	288	270	291	294	288	289
13:00	285	297	258	249	268	265	254	274	268
14:00	283	287	274	270	279	278	272	280	278
15:00	311	324	249	240	321	299	302	311	292
16:00	394	361	285	238	339	364	381	368	337
17:00	346	351	239	176	358	346	329	346	306
18:00	213	211	196	171	167	200	211	200	196
19:00	173	145	152	113	138	141	139	147	143
20:00	133	97	108	106	94	91	99	103	104
21:00	76	76	81	53	58	58	63	66	66
22:00	64	56	63	34	35	35	37	45	46
23:00	23	32	22	17	14	15	19	21	20
Total									
12H(7-19)	3645	3597	2755	2395	3468	3504	3504	3544	3267
16H(6-22)	4092	3984	3127	2681	3812	3871	3870	3926	3634
18H(6-24)	4179	4072	3212	2732	3861	3921	3926	3992	3700
24H(0-24)	4205	4093	3244	2778	3898	3955	3967	4024	3734
AM Peak	08:00	08:00	11:00	11:00	08:00	08:00	08:00	08:00	08:00
	426	397	297	274	417	409	419	414	328
PM Peak	16:00	16:00	12:00	12:00	17:00	16:00	16:00	16:00	16:00
	394	361	294	288	358	364	381	368	337

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North Wales ATC 13, A548

Direction: Northbound

	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 5 May 2022	2096	1664	403	10	19
Fri 6 May 2022	1979	1584	367	11	17
Sat 7 May 2022	1619	1407	199	3	10
Sun 8 May 2022	1438	1268	164	4	2
Mon 9 May 2022	1958	1564	357	12	25
Tue 10 May 2022	1965	1507	423	7	28
Wed 11 May 2022	1981	1487	459	8	27
5 Day Ave.	1996	1561	402	10	23
7 Day Ave.	1862	1497	339	8	18

Direction: Southbound

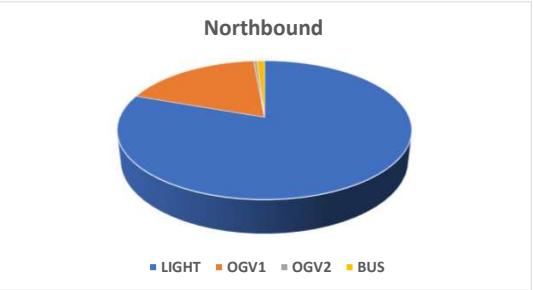
	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 5 May 2022	2109	1719	358	15	17
Fri 6 May 2022	2114	1696	375	14	29
Sat 7 May 2022	1625	1305	290	7	23
Sun 8 May 2022	1340	1066	261	5	8
Mon 9 May 2022	1940	1369	510	9	52
Tue 10 May 2022	1990	1085	822	12	71
Wed 11 May 2022	1986	1364	570	9	43
5 Day Ave.	2028	1447	527	12	42
7 Day Ave.	1872	1372	455	10	35

Direction: Total Flow

	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 5 May 2022	4205	3383	761	25	36
Fri 6 May 2022	4093	3280	742	25	46
Sat 7 May 2022	3244	2712	489	10	33
Sun 8 May 2022	2778	2334	425	9	10
Mon 9 May 2022	3898	2933	867	21	77
Tue 10 May 2022	3955	2592	1245	19	99
Wed 11 May 2022	3967	2851	1029	17	70
5 Day Ave.	4024	3008	929	21	66
7 Day Ave.	3734	2869	794	18	53

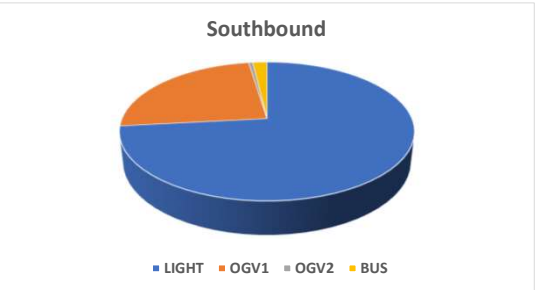
	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 5 May 2022	100.0%	79.4%	19.2%	0.5%	0.9%
Fri 6 May 2022	100.0%	80.0%	18.5%	0.6%	0.9%
Sat 7 May 2022	100.0%	86.9%	12.3%	0.2%	0.6%
Sun 8 May 2022	100.0%	88.2%	11.4%	0.3%	0.1%
Mon 9 May 2022	100.0%	79.9%	18.2%	0.6%	1.3%
Tue 10 May 2022	100.0%	76.7%	21.5%	0.4%	1.4%
Wed 11 May 2022	100.0%	75.1%	23.2%	0.4%	1.4%
5 Day Ave.	100.0%	78.2%	20.1%	0.5%	1.2%
7 Day Ave.	100.0%	80.4%	18.2%	0.4%	1.0%

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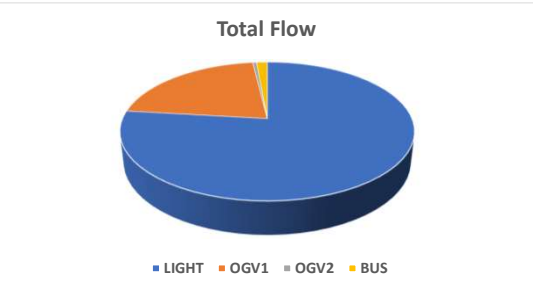
	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 5 May 2022	100.0%	81.5%	17.0%	0.7%	0.8%
Fri 6 May 2022	100.0%	80.2%	17.7%	0.7%	1.4%
Sat 7 May 2022	100.0%	80.3%	17.8%	0.4%	1.4%
Sun 8 May 2022	100.0%	79.6%	19.5%	0.4%	0.6%
Mon 9 May 2022	100.0%	70.6%	26.3%	0.5%	2.7%
Tue 10 May 2022	100.0%	54.5%	41.3%	0.6%	3.6%
Wed 11 May 2022	100.0%	68.7%	28.7%	0.5%	2.2%
5 Day Ave.	100.0%	71.3%	26.0%	0.6%	2.1%
7 Day Ave.	100.0%	73.3%	24.3%	0.5%	1.9%

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	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 5 May 2022	100.0%	80.5%	18.1%	0.6%	0.9%
Fri 6 May 2022	100.0%	80.1%	18.1%	0.6%	1.1%
Sat 7 May 2022	100.0%	83.6%	15.1%	0.3%	1.0%
Sun 8 May 2022	100.0%	84.0%	15.3%	0.3%	0.4%
Mon 9 May 2022	100.0%	75.2%	22.2%	0.5%	2.0%
Tue 10 May 2022	100.0%	65.5%	31.5%	0.5%	2.5%
Wed 11 May 2022	100.0%	71.9%	25.9%	0.4%	1.8%
5 Day Ave.	100.0%	74.8%	23.1%	0.5%	1.6%
7 Day Ave.	100.0%	76.8%	21.3%	0.5%	1.4%

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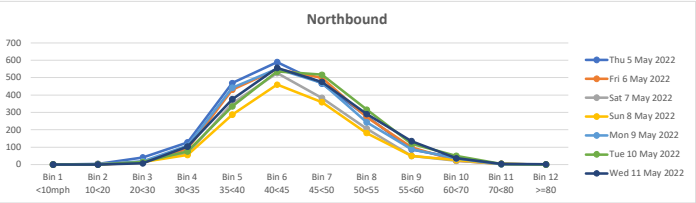


North Wales ATC 13, A548

Direction: Northbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<30	Bin 4 30<35	Bin 5 35<40	Bin 6 40<45	Bin 7 45<50	Bin 8 50<55	Bin 9 55<60	Bin 10 60<70	Bin 11 70<80	Bin 12 >=80
Thu 5 May 2022	2096	51.5	43.9	7.4	0	3	40	127	469	589	465	277	87	38	1	0
Fri 6 May 2022	1979	51.7	44.6	6.8	0	0	12	90	431	549	498	273	100	22	4	0
Sat 7 May 2022	1619	51.0	44.1	6.6	0	0	17	62	351	527	383	206	49	21	3	0
Sun 8 May 2022	1438	51.5	44.4	6.9	0	2	15	55	288	460	359	181	50	25	3	0
Mon 9 May 2022	1958	51.5	44.2	7.1	0	1	18	108	443	551	469	243	89	34	2	0
Tue 10 May 2022	1965	53.1	45.6	7.2	0	0	14	76	334	535	517	316	119	50	4	0
Wed 11 May 2022	1981	52.6	45.2	7.2	0	0	6	103	375	556	476	290	134	36	4	1
5 Day Ave.	1996	52.1	44.7	7.1	0	1	18	101	410	556	485	280	106	36	3	0
7 Day Ave.	1862	51.8	44.6	7.0	0	1	17	89	384	538	452	255	90	32	3	0

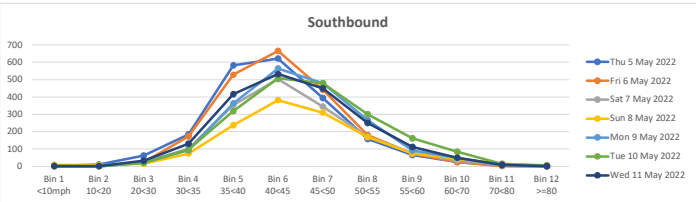
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Direction: Southbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<30	Bin 4 30<35	Bin 5 35<40	Bin 6 40<45	Bin 7 45<50	Bin 8 50<55	Bin 9 55<60	Bin 10 60<70	Bin 11 70<80	Bin 12 >=80
Thu 5 May 2022	2109	49.8	42.0	7.5	3	11	62	185	582	622	394	158	65	24	3	0
Fri 6 May 2022	2114	50.2	43.0	6.9	1	0	23	173	528	665	442	181	73	24	2	2
Sat 7 May 2022	1625	52.0	43.9	7.8	2	2	25	101	354	503	345	171	78	35	9	0
Sun 8 May 2022	1340	54.6	45.0	9.2	9	6	16	74	237	382	310	168	75	43	14	6
Mon 9 May 2022	1940	52.8	44.9	7.5	0	0	22	93	364	564	480	267	92	48	7	3
Tue 10 May 2022	1990	55.0	46.2	8.5	3	1	20	96	318	508	480	301	161	84	15	3
Wed 11 May 2022	1986	52.7	44.4	8.0	2	2	32	130	416	532	450	250	112	50	9	1
5 Day Ave.	2028	52.1	44.1	7.7	2	3	32	135	442	578	449	231	101	46	7	2
7 Day Ave.	1872	52.4	44.2	7.9	3	3	29	122	400	539	414	214	94	44	8	2

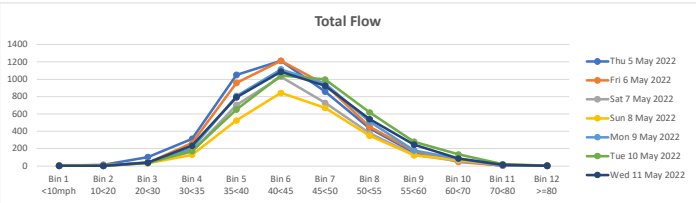
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Direction: Total Flow

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<30	Bin 4 30<35	Bin 5 35<40	Bin 6 40<45	Bin 7 45<50	Bin 8 50<55	Bin 9 55<60	Bin 10 60<70	Bin 11 70<80	Bin 12 >=80
Thu 5 May 2022	4205	50.7	42.9	7.5	3	14	102	312	1051	1211	859	435	152	62	4	0
Fri 6 May 2022	4093	50.9	43.7	6.9	1	0	35	263	959	1214	940	454	173	46	6	2
Sat 7 May 2022	3244	51.5	44.0	7.2	2	2	42	163	705	1030	728	377	127	56	12	0
Sun 8 May 2022	2778	53.1	44.7	8.1	9	8	31	129	525	842	669	349	125	68	17	6
Mon 9 May 2022	3898	52.1	44.6	7.3	0	1	40	201	807	1115	949	510	181	82	9	3
Tue 10 May 2022	3955	54.1	45.9	7.9	3	1	34	172	652	1043	997	617	280	134	19	3
Wed 11 May 2022	3967	52.7	44.8	7.6	2	2	38	233	791	1088	926	540	246	86	13	2
5 Day Ave.	4024	52.1	44.4	7.5	2	4	50	236	852	1134	934	511	206	82	10	2
7 Day Ave.	3734	52.2	44.4	7.5	3	4	46	210	784	1078	867	469	183	76	11	2

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## North Wales ATC 13, A548

Direction: Northbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<30	Bin 4 30<35	Bin 5 35<40	Bin 6 40<45	Bin 7 45<50	Bin 8 50<55	Bin 9 55<60	Bin 10 60<70	Bin 11 70<80	Bin 12 >=80
Thu 5 May 2022	288	50.2	43.0	6.9	0	0	5	17	81	91	45	37	8	4	0	0
Fri 6 May 2022	311	50.5	43.4	6.9	0	0	0	27	75	94	69	37	5	1	3	0
Sat 7 May 2022	294	49.3	42.9	6.1	0	0	7	13	64	118	52	34	6	0	0	0
Sun 8 May 2022	258	50.4	44.0	6.2	0	0	3	8	52	93	63	31	5	3	0	0
Mon 9 May 2022	311	47.7	41.4	6.1	0	0	11	20	95	105	58	19	3	0	0	0
Tue 10 May 2022	280	49.0	42.5	6.3	0	0	5	13	85	87	61	19	9	1	0	0
Wed 11 May 2022	278	52.6	45.3	7.1	0	0	1	11	56	78	61	45	21	5	0	0
5 Day Ave.	294	50.0	43.1	6.6	0	0	4	18	78	91	59	31	9	2	1	0
7 Day Ave.	289	49.9	43.2	6.5	0	0	5	16	73	95	58	32	8	2	0	0

360 TSL Ltd

Direction: Southbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<30	Bin 4 30<35	Bin 5 35<40	Bin 6 40<45	Bin 7 45<50	Bin 8 50<55	Bin 9 55<60	Bin 10 60<70	Bin 11 70<80	Bin 12 >=80
Thu 5 May 2022	280	47.8	39.8	7.7	1	3	19	27	95	77	38	11	8	1	0	0
Fri 6 May 2022	237	47.9	40.9	6.7	1	0	3	36	71	63	47	11	4	1	0	0
Sat 7 May 2022	244	51.1	42.7	8.1	2	1	4	19	61	67	56	22	8	3	1	0
Sun 8 May 2022	221	54.1	44.5	9.3	4	0	0	10	44	75	42	21	14	9	2	0
Mon 9 May 2022	234	49.2	42.2	6.8	0	0	6	22	56	80	45	16	7	2	0	0
Tue 10 May 2022	249	50.5	43.4	6.9	0	0	3	15	58	89	48	23	7	6	0	0
Wed 11 May 2022	243	52.8	43.4	9.1	1	1	9	19	57	63	39	30	18	4	2	0
5 Day Ave.	249	49.7	41.9	7.4	1	1	8	24	67	74	43	18	9	3	0	0
7 Day Ave.	244	50.5	42.4	7.8	1	1	6	21	63	73	45	19	9	4	1	0

360 TSL Ltd

Direction: Total Flow

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<30	Bin 4 30<35	Bin 5 35<40	Bin 6 40<45	Bin 7 45<50	Bin 8 50<55	Bin 9 55<60	Bin 10 60<70	Bin 11 70<80	Bin 12 >=80
Thu 5 May 2022	568	49.2	41.4	7.5	1	3	24	44	176	168	83	48	16	5	0	0
Fri 6 May 2022	548	49.4	42.3	6.9	1	0	3	63	146	157	116	48	9	2	3	0
Sat 7 May 2022	538	50.1	42.8	7.1	2	1	11	32	125	185	108	56	14	3	1	0
Sun 8 May 2022	479	52.2	44.2	7.8	4	0	3	18	96	168	105	52	19	12	2	0
Mon 9 May 2022	545	48.4	41.7	6.4	0	0	17	42	151	185	103	35	10	2	0	0
Tue 10 May 2022	529	49.7	42.9	6.6	0	0	8	28	143	176	109	42	16	7	0	0
Wed 11 May 2022	521	52.8	44.4	8.1	1	1	10	30	113	141	100	75	39	9	2	0
5 Day Ave.	542	49.9	42.6	7.1	1	1	12	41	146	165	102	50	18	5	1	0
7 Day Ave.	533	50.3	42.8	7.2	1	1	11	37	136	169	103	51	18	6	1	0

360 TSL Ltd



## North Wales ATC 13, A548

Direction: Northbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<30	Bin 4 30<35	Bin 5 35<40	Bin 6 40<45	Bin 7 45<50	Bin 8 50<55	Bin 9 55<60	Bin 10 60<70	Bin 11 70<80	Bin 12 >=80
Thu 5 May 2022	326	49.9	42.8	6.8	0	0	2	28	98	83	66	34	12	3	0	0
Fri 6 May 2022	321	49.4	42.7	6.4	0	0	3	30	81	95	69	33	10	0	0	0
Sat 7 May 2022	257	49.6	43.3	6.1	0	0	2	7	77	79	57	25	9	1	0	0
Sun 8 May 2022	243	52.0	44.7	7.1	0	0	0	9	50	83	60	28	5	5	3	0
Mon 9 May 2022	312	50.0	43.2	6.6	0	0	0	30	68	107	68	25	8	6	0	0
Tue 10 May 2022	301	50.6	44.3	6.0	0	0	1	12	61	96	78	42	10	1	0	0
Wed 11 May 2022	306	50.8	43.7	6.9	0	0	0	23	71	96	70	27	14	4	1	0
5 Day Ave.	313	50.1	43.3	6.5	0	0	1	25	76	95	70	32	11	3	0	0
7 Day Ave.	295	50.3	43.5	6.6	0	0	1	20	72	91	67	31	10	3	1	0

360 TSL Ltd

Direction: Southbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<30	Bin 4 30<35	Bin 5 35<40	Bin 6 40<45	Bin 7 45<50	Bin 8 50<55	Bin 9 55<60	Bin 10 60<70	Bin 11 70<80	Bin 12 >=80
Thu 5 May 2022	268	49.3	42.1	7.0	0	1	7	27	63	89	54	15	10	2	0	0
Fri 6 May 2022	290	49.5	42.9	6.3	0	0	4	17	68	107	66	16	8	4	0	0
Sat 7 May 2022	266	52.4	43.8	8.3	0	0	4	24	61	77	55	19	16	7	3	0
Sun 8 May 2022	267	52.7	44.1	8.4	2	0	2	20	51	79	66	31	10	2	3	1
Mon 9 May 2022	288	51.6	43.8	7.5	0	0	6	13	67	94	55	34	14	4	0	1
Tue 10 May 2022	276	53.9	45.1	8.4	2	0	2	16	48	71	73	38	16	9	0	1
Wed 11 May 2022	268	50.3	42.5	7.5	0	0	3	33	78	57	60	27	6	3	0	1
5 Day Ave.	278	50.9	43.3	7.4	0	0	4	21	65	84	62	26	11	4	0	1
7 Day Ave.	275	51.4	43.5	7.6	1	0	4	21	62	82	61	26	11	4	1	1

360 TSL Ltd

Direction: Total Flow

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<30	Bin 4 30<35	Bin 5 35<40	Bin 6 40<45	Bin 7 45<50	Bin 8 50<55	Bin 9 55<60	Bin 10 60<70	Bin 11 70<80	Bin 12 >=80
Thu 5 May 2022	594	49.7	42.5	6.9	0	1	9	55	161	172	120	49	22	5	0	0
Fri 6 May 2022	611	49.4	42.8	6.4	0	0	7	47	149	202	135	49	18	4	0	0
Sat 7 May 2022	523	51.1	43.5	7.3	0	0	6	31	138	156	112	44	25	8	3	0
Sun 8 May 2022	510	52.4	44.3	7.8	2	0	2	29	101	162	126	59	15	7	6	1
Mon 9 May 2022	600	50.8	43.5	7.0	0	0	6	43	135	201	123	59	22	10	0	1
Tue 10 May 2022	577	52.2	44.7	7.3	2	0	3	28	109	167	151	80	26	10	0	1
Wed 11 May 2022	574	50.6	43.1	7.2	0	0	3	56	149	153	130	54	20	7	1	1
5 Day Ave.	591	50.5	43.3	7.0	0	0	6	46	141	179	132	58	22	7	0	1
7 Day Ave.	570	50.9	43.5	7.1	1	0	5	41	135	173	128	56	21	7	1	1

360 TSL Ltd



# North Wales ATC 13, A548

Direction: Northbound

05/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	1	1	0	0	0
01:00	1	1	0	0	0
02:00	3	1	2	0	0
03:00	0	0	0	0	0
04:00	1	1	0	0	0
05:00	9	8	1	0	0
06:00	37	21	16	0	0
07:00	100	74	25	0	1
08:00	160	135	23	0	2
09:00	155	120	29	3	3
10:00	155	120	34	0	1
11:00	133	103	29	0	1
12:00	155	125	26	1	3
13:00	133	100	30	2	1
14:00	153	117	33	1	2
15:00	173	139	33	1	0
16:00	228	186	38	0	4
17:00	176	147	28	1	0
18:00	94	72	20	1	1
19:00	80	69	11	0	0
20:00	65	50	15	0	0
21:00	41	37	4	0	0
22:00	34	30	4	0	0
23:00	9	7	2	0	0
Total					
12H(7-19)	1815	1438	348	10	19
16H(6-22)	2038	1615	394	10	19
18H(6-24)	2081	1652	400	10	19
24H(0-24)	2096	1664	403	10	19
AM Peak	08:00	08:00	10:00	09:00	09:00
	160	135	34	3	3
PM Peak	16:00	16:00	16:00	13:00	16:00
	228	186	38	2	4

360 TSL Ltd

Direction: Southbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	2	1	1	0	0
01:00	1	1	0	0	0
02:00	2	2	0	0	0
03:00	0	0	0	0	0
04:00	3	2	0	0	1
05:00	3	3	0	0	0
06:00	28	17	9	2	0
07:00	112	90	18	1	3
08:00	266	230	34	0	2
09:00	167	125	36	3	3
10:00	160	133	25	1	1
11:00	120	96	22	1	1
12:00	130	105	24	1	0
13:00	152	123	25	2	2
14:00	130	103	26	1	0
15:00	138	107	30	0	1
16:00	166	134	30	1	1
17:00	170	138	29	1	2
18:00	119	96	22	1	0
19:00	93	81	12	0	0
20:00	68	60	8	0	0
21:00	35	32	3	0	0
22:00	30	27	3	0	0
23:00	14	13	1	0	0
Total					
12H(7-19)	1830	1480	321	13	16
16H(6-22)	2054	1670	353	15	16
18H(6-24)	2098	1710	357	15	16
24H(0-24)	2109	1719	358	15	17
AM Peak	08:00	08:00	09:00	09:00	07:00
	266	230	36	3	3
PM Peak	17:00	17:00	15:00	13:00	13:00
	170	138	30	2	2

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	3	2	1	0	0
01:00	2	2	0	0	0
02:00	5	3	2	0	0
03:00	0	0	0	0	0
04:00	4	3	0	0	1
05:00	12	11	1	0	0
06:00	65	38	25	2	0
07:00	212	164	43	1	4
08:00	426	365	57	0	4
09:00	322	245	65	6	6
10:00	315	253	59	1	2
11:00	253	199	51	1	2
12:00	285	230	50	2	3
13:00	285	223	55	4	3
14:00	283	220	59	2	2
15:00	311	246	63	1	1
16:00	394	320	68	1	5
17:00	346	285	57	2	2
18:00	213	168	42	2	1
19:00	173	150	23	0	0
20:00	133	110	23	0	0
21:00	76	69	7	0	0
22:00	64	57	7	0	0
23:00	23	20	3	0	0
Total					
12H(7-19)	3645	2918	669	23	35
16H(6-22)	4092	3285	747	25	35
18H(6-24)	4179	3362	757	25	35
24H(0-24)	4205	3383	761	25	36
AM Peak	08:00	08:00	09:00	09:00	09:00
	426	365	65	6	6
PM Peak	16:00	16:00	16:00	13:00	16:00
	394	320	68	4	5

360 TSL Ltd



# North Wales ATC 13, A548

Direction: Northbound

06/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	0	0	0	0	0
01:00	2	2	0	0	0
02:00	0	0	0	0	0
03:00	2	2	0	0	0
04:00	1	1	0	0	0
05:00	4	3	1	0	0
06:00	38	24	14	0	0
07:00	95	71	23	1	0
08:00	159	121	32	1	5
09:00	150	118	26	4	2
10:00	127	96	26	2	3
11:00	184	145	38	0	1
12:00	164	119	44	0	1
13:00	126	102	22	1	1
14:00	148	121	23	1	3
15:00	173	150	23	0	0
16:00	190	149	39	1	1
17:00	184	162	22	0	0
18:00	76	65	11	0	0
19:00	52	43	9	0	0
20:00	42	39	3	0	0
21:00	29	24	5	0	0
22:00	20	18	2	0	0
23:00	13	9	4	0	0
Total					
12H(7-19)	1776	1419	329	11	17
16H(6-22)	1937	1549	360	11	17
18H(6-24)	1970	1576	366	11	17
24H(0-24)	1979	1584	367	11	17
AM Peak	11:00 184	11:00 145	11:00 38	09:00 4	08:00 5
PM Peak	16:00 190	17:00 162	12:00 44	13:00 1	14:00 3

360 TSL Ltd

Direction: Southbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	3	1	2	0	0
01:00	1	1	0	0	0
02:00	0	0	0	0	0
03:00	3	1	0	2	0
04:00	2	1	0	0	1
05:00	3	1	2	0	0
06:00	31	22	8	1	0
07:00	111	81	24	2	4
08:00	238	211	25	1	1
09:00	164	122	36	2	4
10:00	117	91	23	1	2
11:00	120	96	22	1	1
12:00	137	108	29	0	0
13:00	171	136	31	1	3
14:00	139	113	25	0	1
15:00	151	119	28	0	4
16:00	171	133	31	2	5
17:00	167	134	30	1	2
18:00	135	110	24	0	1
19:00	93	75	18	0	0
20:00	55	49	6	0	0
21:00	47	42	5	0	0
22:00	36	32	4	0	0
23:00	19	17	2	0	0
Total					
12H(7-19)	1821	1454	328	11	28
16H(6-22)	2047	1642	365	12	28
18H(6-24)	2102	1691	371	12	28
24H(0-24)	2114	1696	375	14	29
AM Peak	08:00 238	08:00 211	09:00 36	03:00 2	07:00 4
PM Peak	13:00 171	13:00 136	13:00 31	16:00 2	16:00 5

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	3	1	2	0	0
01:00	3	3	0	0	0
02:00	0	0	0	0	0
03:00	5	3	0	2	0
04:00	3	2	0	0	1
05:00	7	4	3	0	0
06:00	69	46	22	1	0
07:00	206	152	47	3	4
08:00	397	332	57	2	6
09:00	314	240	62	6	6
10:00	244	187	49	3	5
11:00	304	241	60	1	2
12:00	301	227	73	0	1
13:00	297	238	53	2	4
14:00	287	234	48	1	4
15:00	324	269	51	0	4
16:00	361	282	70	3	6
17:00	351	296	52	1	2
18:00	211	175	35	0	1
19:00	145	118	27	0	0
20:00	97	88	9	0	0
21:00	76	66	10	0	0
22:00	56	50	6	0	0
23:00	32	26	6	0	0
Total					
12H(7-19)	3597	2873	657	22	45
16H(6-22)	3984	3191	725	23	45
18H(6-24)	4072	3267	737	23	45
24H(0-24)	4093	3280	742	25	46
AM Peak	08:00 397	08:00 332	09:00 62	09:00 6	08:00 6
PM Peak	16:00 361	17:00 296	12:00 73	16:00 3	16:00 6

360 TSL Ltd



# North Wales ATC 13, A548

Direction: Northbound

07/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	2	2	0	0	0
01:00	5	5	0	0	0
02:00	2	2	0	0	0
03:00	1	1	0	0	0
04:00	2	1	1	0	0
05:00	5	4	1	0	0
06:00	19	11	8	0	0
07:00	45	35	10	0	0
08:00	76	62	13	0	1
09:00	107	98	8	0	1
10:00	136	112	22	1	1
11:00	158	137	20	0	1
12:00	126	109	15	0	2
13:00	116	97	18	1	0
14:00	140	122	16	0	2
15:00	117	104	12	0	1
16:00	148	131	16	0	1
17:00	116	106	10	0	0
18:00	100	91	9	0	0
19:00	64	60	3	1	0
20:00	54	48	6	0	0
21:00	37	34	3	0	0
22:00	33	27	6	0	0
23:00	10	8	2	0	0
Total					
12H(7-19)	1385	1204	169	2	10
16H(6-22)	1559	1357	189	3	10
18H(6-24)	1602	1392	197	3	10
24H(0-24)	1619	1407	199	3	10
AM Peak	11:00	11:00	10:00	10:00	08:00
	158	137	22	1	1
PM Peak	16:00	16:00	13:00	13:00	12:00
	148	131	18	1	2

360 TSL Ltd

Direction: Southbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	3	2	1	0	0
01:00	5	3	2	0	0
02:00	1	1	0	0	0
03:00	2	1	1	0	0
04:00	2	1	0	0	1
05:00	2	1	1	0	0
06:00	12	10	2	0	0
07:00	45	34	9	0	2
08:00	64	44	14	1	5
09:00	85	70	15	0	0
10:00	105	87	16	0	2
11:00	139	111	25	0	3
12:00	168	138	29	0	1
13:00	142	109	30	0	3
14:00	134	109	22	1	2
15:00	132	105	26	0	1
16:00	137	107	25	3	2
17:00	123	100	21	1	1
18:00	96	83	13	0	0
19:00	88	74	13	1	0
20:00	54	41	13	0	0
21:00	44	38	6	0	0
22:00	30	28	2	0	0
23:00	12	8	4	0	0
Total					
12H(7-19)	1370	1097	245	6	22
16H(6-22)	1568	1260	279	7	22
18H(6-24)	1610	1296	285	7	22
24H(0-24)	1625	1305	290	7	23
AM Peak	11:00	11:00	11:00	08:00	08:00
	139	111	25	1	5
PM Peak	12:00	12:00	13:00	16:00	13:00
	168	138	30	3	3

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	5	4	1	0	0
01:00	10	8	2	0	0
02:00	3	3	0	0	0
03:00	3	2	1	0	0
04:00	4	2	1	0	1
05:00	7	5	2	0	0
06:00	31	21	10	0	0
07:00	90	69	19	0	2
08:00	140	106	27	1	6
09:00	192	168	23	0	1
10:00	241	199	38	1	3
11:00	297	248	45	0	4
12:00	294	247	44	0	3
13:00	258	206	48	1	3
14:00	274	231	38	1	4
15:00	249	209	38	0	2
16:00	285	238	41	3	3
17:00	239	206	31	1	1
18:00	196	174	22	0	0
19:00	152	134	16	2	0
20:00	108	89	19	0	0
21:00	81	72	9	0	0
22:00	63	55	8	0	0
23:00	22	16	6	0	0
Total					
12H(7-19)	2755	2301	414	8	32
16H(6-22)	3127	2617	468	10	32
18H(6-24)	3212	2688	482	10	32
24H(0-24)	3244	2712	489	10	33
AM Peak	11:00	11:00	11:00	08:00	08:00
	297	248	45	1	6
PM Peak	12:00	12:00	13:00	16:00	14:00
	294	247	48	3	4

360 TSL Ltd



# North Wales ATC 13, A548

Direction: Northbound

08/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	3	3	0	0	0
01:00	3	2	1	0	0
02:00	4	3	1	0	0
03:00	2	2	0	0	0
04:00	3	3	0	0	0
05:00	3	3	0	0	0
06:00	7	5	2	0	0
07:00	22	22	0	0	0
08:00	52	45	7	0	0
09:00	86	70	16	0	0
10:00	116	102	14	0	0
11:00	142	118	23	1	0
12:00	153	132	21	0	0
13:00	120	103	16	1	0
14:00	120	111	7	1	1
15:00	123	109	14	0	0
16:00	125	118	6	1	0
17:00	97	91	5	0	1
18:00	87	74	13	0	0
19:00	58	49	9	0	0
20:00	55	50	5	0	0
21:00	30	29	1	0	0
22:00	18	16	2	0	0
23:00	9	8	1	0	0
Total					
12H(7-19)	1243	1095	142	4	2
16H(6-22)	1393	1228	159	4	2
18H(6-24)	1420	1252	162	4	2
24H(0-24)	1438	1268	164	4	2
AM Peak	11:00	11:00	11:00	11:00	00:00
	142	118	23	1	0
PM Peak	12:00	12:00	12:00	13:00	14:00
	153	132	21	1	1

360 TSL Ltd

Direction: Southbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	15	12	3	0	0
01:00	7	5	2	0	0
02:00	2	2	0	0	0
03:00	2	2	0	0	0
04:00	1	0	1	0	0
05:00	1	1	0	0	0
06:00	7	7	0	0	0
07:00	28	25	3	0	0
08:00	39	25	12	1	1
09:00	57	43	14	0	0
10:00	89	68	18	1	2
11:00	132	104	27	1	0
12:00	135	111	23	1	0
13:00	129	102	25	1	1
14:00	150	125	23	0	2
15:00	117	92	25	0	0
16:00	113	94	19	0	0
17:00	79	59	20	0	0
18:00	84	66	17	0	1
19:00	55	42	13	0	0
20:00	51	40	11	0	0
21:00	23	20	3	0	0
22:00	16	14	1	0	1
23:00	8	7	1	0	0
Total					
12H(7-19)	1152	914	226	5	7
16H(6-22)	1288	1023	253	5	7
18H(6-24)	1312	1044	255	5	8
24H(0-24)	1340	1066	261	5	8
AM Peak	11:00	11:00	11:00	08:00	10:00
	132	104	27	1	2
PM Peak	14:00	14:00	13:00	12:00	14:00
	150	125	25	1	2

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	18	15	3	0	0
01:00	10	7	3	0	0
02:00	6	5	1	0	0
03:00	4	4	0	0	0
04:00	4	3	1	0	0
05:00	4	4	0	0	0
06:00	14	12	2	0	0
07:00	50	47	3	0	0
08:00	91	70	19	1	1
09:00	143	113	30	0	0
10:00	205	170	32	1	2
11:00	274	222	50	2	0
12:00	288	243	44	1	0
13:00	249	205	41	2	1
14:00	270	236	30	1	3
15:00	240	201	39	0	0
16:00	238	212	25	1	0
17:00	176	150	25	0	1
18:00	171	140	30	0	1
19:00	113	91	22	0	0
20:00	106	90	16	0	0
21:00	53	49	4	0	0
22:00	34	30	3	0	1
23:00	17	15	2	0	0
Total					
12H(7-19)	2395	2009	368	9	9
16H(6-22)	2681	2251	412	9	9
18H(6-24)	2732	2296	417	9	10
24H(0-24)	2778	2334	425	9	10
AM Peak	11:00	11:00	11:00	11:00	10:00
	274	222	50	2	2
PM Peak	12:00	12:00	12:00	13:00	14:00
	288	243	44	2	3

360 TSL Ltd



# North Wales ATC 13, A548

Direction: Northbound

09/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	2	2	0	0	0
01:00	2	2	0	0	0
02:00	1	0	1	0	0
03:00	4	4	0	0	0
04:00	4	3	1	0	0
05:00	12	9	2	1	0
06:00	34	25	9	0	0
07:00	110	82	26	0	2
08:00	162	131	27	2	2
09:00	125	98	24	1	2
10:00	144	103	37	1	3
11:00	167	138	27	1	1
12:00	139	104	31	1	3
13:00	136	108	24	0	4
14:00	145	107	36	1	1
15:00	167	137	25	2	3
16:00	204	157	41	2	4
17:00	176	157	19	0	0
18:00	75	66	9	0	0
19:00	61	52	9	0	0
20:00	49	45	4	0	0
21:00	19	15	4	0	0
22:00	16	16	0	0	0
23:00	4	3	1	0	0
Total					
12H(7-19)	1750	1388	326	11	25
16H(6-22)	1913	1525	352	11	25
18H(6-24)	1933	1544	353	11	25
24H(0-24)	1958	1564	357	12	25
AM Peak	11:00 167	11:00 138	10:00 37	08:00 2	10:00 3
PM Peak	16:00 204	16:00 157	16:00 41	15:00 2	13:00 4

360 TSL Ltd

Direction: Southbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	2	2	0	0	0
01:00	2	1	1	0	0
02:00	0	0	0	0	0
03:00	2	1	1	0	0
04:00	2	0	1	0	1
05:00	4	3	0	0	1
06:00	20	14	6	0	0
07:00	130	97	30	0	3
08:00	255	197	52	1	5
09:00	139	97	37	0	5
10:00	110	73	30	1	6
11:00	124	88	26	2	8
12:00	131	94	30	2	5
13:00	132	97	31	0	4
14:00	134	98	33	0	3
15:00	154	91	56	2	5
16:00	135	84	48	1	2
17:00	182	128	50	0	4
18:00	92	64	28	0	0
19:00	77	53	24	0	0
20:00	45	30	15	0	0
21:00	39	31	8	0	0
22:00	19	16	3	0	0
23:00	10	10	0	0	0
Total					
12H(7-19)	1718	1208	451	9	50
16H(6-22)	1899	1336	504	9	50
18H(6-24)	1928	1362	507	9	50
24H(0-24)	1940	1369	510	9	52
AM Peak	08:00 255	08:00 197	08:00 52	11:00 2	11:00 8
PM Peak	17:00 182	17:00 128	15:00 56	12:00 2	12:00 5

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	4	4	0	0	0
01:00	4	3	1	0	0
02:00	1	0	1	0	0
03:00	6	5	1	0	0
04:00	6	3	2	0	1
05:00	16	12	2	1	1
06:00	54	39	15	0	0
07:00	240	179	56	0	5
08:00	417	328	79	3	7
09:00	264	195	61	1	7
10:00	254	176	67	2	9
11:00	291	226	53	3	9
12:00	270	198	61	3	8
13:00	268	205	55	0	8
14:00	279	205	69	1	4
15:00	321	228	81	4	8
16:00	339	241	89	3	6
17:00	358	285	69	0	4
18:00	167	130	37	0	0
19:00	138	105	33	0	0
20:00	94	75	19	0	0
21:00	58	46	12	0	0
22:00	35	32	3	0	0
23:00	14	13	1	0	0
Total					
12H(7-19)	3468	2596	777	20	75
16H(6-22)	3812	2861	856	20	75
18H(6-24)	3861	2906	860	20	75
24H(0-24)	3898	2933	867	21	77
AM Peak	08:00 417	08:00 328	08:00 79	08:00 3	10:00 9
PM Peak	17:00 358	17:00 285	16:00 89	15:00 4	12:00 8

360 TSL Ltd



# North Wales ATC 13, A548

Direction: Northbound

10/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	4	2	2	0	0
01:00	1	1	0	0	0
02:00	0	0	0	0	0
03:00	0	0	0	0	0
04:00	2	2	0	0	0
05:00	11	7	4	0	0
06:00	41	27	14	0	0
07:00	107	86	21	0	0
08:00	169	135	31	2	1
09:00	134	110	20	2	2
10:00	157	118	35	0	4
11:00	123	95	27	0	1
12:00	166	136	28	0	2
13:00	117	84	29	1	3
14:00	141	106	32	0	3
15:00	160	120	34	1	5
16:00	210	160	47	0	3
17:00	176	136	37	1	2
18:00	98	70	28	0	0
19:00	67	48	17	0	2
20:00	38	28	10	0	0
21:00	27	22	5	0	0
22:00	10	8	2	0	0
23:00	6	6	0	0	0
Total					
12H(7-19)	1758	1356	369	7	26
16H(6-22)	1931	1481	415	7	28
18H(6-24)	1947	1495	417	7	28
24H(0-24)	1965	1507	423	7	28
AM Peak	08:00 169	08:00 135	10:00 35	08:00 2	10:00 4
PM Peak	16:00 210	16:00 160	16:00 47	13:00 1	15:00 5

360 TSL Ltd

Direction: Southbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	5	2	3	0	0
01:00	0	0	0	0	0
02:00	0	0	0	0	0
03:00	2	1	1	0	0
04:00	4	3	1	0	0
05:00	5	2	3	0	0
06:00	36	22	13	1	0
07:00	121	83	35	0	3
08:00	240	182	51	2	5
09:00	161	106	46	2	7
10:00	139	87	47	1	4
11:00	110	64	41	0	5
12:00	125	80	40	0	5
13:00	148	84	55	1	8
14:00	137	73	55	2	7
15:00	139	52	75	2	10
16:00	154	58	91	1	4
17:00	170	68	94	0	8
18:00	102	27	72	0	3
19:00	74	36	37	0	1
20:00	53	22	31	0	0
21:00	31	15	15	0	1
22:00	25	13	12	0	0
23:00	9	5	4	0	0
Total					
12H(7-19)	1746	964	702	11	69
16H(6-22)	1940	1059	798	12	71
18H(6-24)	1974	1077	814	12	71
24H(0-24)	1990	1085	822	12	71
AM Peak	08:00 240	08:00 182	08:00 51	08:00 2	09:00 7
PM Peak	17:00 170	13:00 84	17:00 94	14:00 2	15:00 10

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	9	4	5	0	0
01:00	1	1	0	0	0
02:00	0	0	0	0	0
03:00	2	1	1	0	0
04:00	6	5	1	0	0
05:00	16	9	7	0	0
06:00	77	49	27	1	0
07:00	228	169	56	0	3
08:00	409	317	82	4	6
09:00	295	216	66	4	9
10:00	296	205	82	1	8
11:00	233	159	68	0	6
12:00	291	216	68	0	7
13:00	265	168	84	2	11
14:00	278	179	87	2	10
15:00	299	172	109	3	15
16:00	364	218	138	1	7
17:00	346	204	131	1	10
18:00	200	97	100	0	3
19:00	141	84	54	0	3
20:00	91	50	41	0	0
21:00	58	37	20	0	1
22:00	35	21	14	0	0
23:00	15	11	4	0	0
Total					
12H(7-19)	3504	2320	1071	18	95
16H(6-22)	3871	2540	1213	19	99
18H(6-24)	3921	2572	1231	19	99
24H(0-24)	3955	2592	1245	19	99
AM Peak	08:00 409	08:00 317	08:00 82	08:00 4	09:00 9
PM Peak	16:00 364	16:00 218	16:00 138	15:00 3	15:00 15

360 TSL Ltd



# North Wales ATC 13, A548

Direction: Northbound

11/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	2	1	1	0	0
01:00	1	1	0	0	0
02:00	2	0	2	0	0
03:00	3	0	2	1	0
04:00	4	2	1	1	0
05:00	9	8	1	0	0
06:00	37	21	16	0	0
07:00	113	84	28	0	1
08:00	167	119	43	0	5
09:00	133	89	37	2	5
10:00	148	97	46	1	4
11:00	130	95	34	0	1
12:00	165	133	29	1	2
13:00	126	94	29	0	3
14:00	128	93	33	0	2
15:00	178	136	40	2	0
16:00	209	157	49	0	3
17:00	165	143	21	0	1
18:00	101	84	17	0	0
19:00	58	44	14	0	0
20:00	48	40	8	0	0
21:00	29	24	5	0	0
22:00	18	17	1	0	0
23:00	7	5	2	0	0
Total					
12H(7-19)	1763	1324	406	6	27
16H(6-22)	1935	1453	449	6	27
18H(6-24)	1960	1475	452	6	27
24H(0-24)	1981	1487	459	8	27
AM Peak	08:00 167	08:00 119	10:00 46	09:00 2	08:00 5
PM Peak	16:00 209	16:00 157	16:00 49	15:00 2	13:00 3

360 TSL Ltd

Direction: Southbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	4	0	3	0	1
01:00	3	2	1	0	0
02:00	1	0	0	1	0
03:00	6	0	5	1	0
04:00	2	0	2	0	0
05:00	4	3	0	0	1
06:00	28	18	9	1	0
07:00	124	68	52	1	3
08:00	252	140	103	0	9
09:00	151	51	89	1	10
10:00	106	31	67	0	8
11:00	137	108	27	1	1
12:00	129	103	22	0	4
13:00	128	106	20	1	1
14:00	144	106	36	0	2
15:00	124	99	22	2	1
16:00	172	146	26	0	0
17:00	164	121	42	0	1
18:00	110	94	15	0	1
19:00	81	70	11	0	0
20:00	51	43	8	0	0
21:00	34	28	6	0	0
22:00	19	18	1	0	0
23:00	12	9	3	0	0
Total					
12H(7-19)	1741	1173	521	6	41
16H(6-22)	1935	1332	555	7	41
18H(6-24)	1966	1359	559	7	41
24H(0-24)	1986	1364	570	9	43
AM Peak	08:00 252	08:00 140	08:00 103	02:00 1	09:00 10
PM Peak	16:00 172	16:00 146	17:00 42	15:00 2	12:00 4

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	6	1	4	0	1
01:00	4	3	1	0	0
02:00	3	0	2	1	0
03:00	9	0	7	2	0
04:00	6	2	3	1	0
05:00	13	11	1	0	1
06:00	65	39	25	1	0
07:00	237	152	80	1	4
08:00	419	259	146	0	14
09:00	284	140	126	3	15
10:00	254	128	113	1	12
11:00	267	203	61	1	2
12:00	294	236	51	1	6
13:00	254	200	49	1	4
14:00	272	199	69	0	4
15:00	302	235	62	4	1
16:00	381	303	75	0	3
17:00	329	264	63	0	2
18:00	211	178	32	0	1
19:00	139	114	25	0	0
20:00	99	83	16	0	0
21:00	63	52	11	0	0
22:00	37	35	2	0	0
23:00	19	14	5	0	0
Total					
12H(7-19)	3504	2497	927	12	68
16H(6-22)	3870	2785	1004	13	68
18H(6-24)	3926	2834	1011	13	68
24H(0-24)	3967	2851	1029	17	70
AM Peak	08:00 419	08:00 259	08:00 146	09:00 3	09:00 15
PM Peak	16:00 381	16:00 303	16:00 75	15:00 4	12:00 6

360 TSL Ltd



North Wales ATC 13, A548

Direction: Northbound															
05/05/2022															
Hour Beginning	Total Volume	ESD Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-40	Bin 5 40-45	Bin 6 45-50	Bin 7 50-55	Bin 8 55-60	Bin 9 60-70	Bin 10 70-80	Bin 12 >80
00:00	1	-	22.6	-	0	0	1	0	0	0	0	0	0	0	0
01:00	1	-	42.5	-	0	0	0	0	0	1	0	0	0	0	0
02:00	3	40.8	7.2	0	0	1	0	2	0	0	0	0	0	0	0
03:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0
04:00	1	-	43.5	-	0	0	0	0	0	0	1	0	0	0	0
05:00	9	62.9	49.7	12.7	0	0	0	2	1	0	0	1	1	2	0
06:00	37	40.4	51.7	8.4	0	0	0	0	3	7	4	11	6	6	0
07:00	100	55.3	48.2	6.9	0	0	0	2	12	6	30	27	11	1	0
08:00	160	53.0	46.3	6.5	0	0	2	3	19	36	61	26	11	2	0
09:00	155	51.6	41.8	6.9	0	0	0	13	37	44	37	19	5	1	0
10:00	155	48.7	41.9	6.6	0	0	4	11	48	51	22	15	3	1	0
11:00	133	51.7	44.3	7.1	0	0	1	6	33	40	21	22	5	3	0
12:00	155	49.3	42.6	6.5	0	0	2	14	40	46	34	15	3	1	0
13:00	133	51.8	43.2	8.3	0	0	7	8	26	46	23	15	4	3	1
14:00	153	51.3	44.1	7.0	0	0	0	11	38	40	34	13	9	2	0
15:00	173	48.5	41.8	6.5	0	0	2	17	60	43	32	15	3	1	0
16:00	228	50.7	44.6	7.2	0	1	10	10	40	80	50	29	7	1	0
17:00	176	52.0	45.8	6.8	0	0	2	4	39	49	45	26	7	4	0
18:00	94	51.7	45.5	7.9	0	1	4	2	23	21	29	8	5	1	0
19:00	80	51.7	45.5	7.9	0	0	3	8	8	34	12	9	4	2	0
20:00	65	50.3	43.0	7.0	0	0	1	5	17	19	12	9	1	1	0
21:00	41	49.1	42.1	6.8	0	0	0	3	16	12	5	3	1	2	0
22:00	34	50.7	41.3	9.0	0	1	0	8	6	6	9	3	0	1	0
23:00	9	54.6	48.1	6.3	0	0	0	0	1	2	2	3	1	0	0
Total	288	50.2	43.0	6.9	0	0	5	17	81	91	45	37	8	4	0
2H(14-19)	326	49.9	42.8	6.8	0	0	2	28	98	83	66	34	12	3	0
12H(7-19)	1835	51.3	41.8	7.2	0	2	34	103	415	508	480	236	79	25	1
24H(0-24)	2096	51.5	43.9	7.4	0	3	40	127	469	589	465	277	87	38	1
AM Peak	08:00	05:00	06:00	05:00	00:00	00:00	10:00	09:00	10:00	10:00	08:00	07:00	07:00	06:00	00:00
PM Peak	16:00	23:00	23:00	22:00	12:00	16:00	16:00	15:00	15:00	16:00	16:00	16:00	14:00	17:00	13:00
	228	54.6	48.1	9.0	0	1	10	17	65	80	50	29	9	4	1

360 TSL Ltd

Direction: Southbound															
05/05/2022															
Hour Beginning	Total Volume	ESD Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-40	Bin 5 40-45	Bin 6 45-50	Bin 7 50-55	Bin 8 55-60	Bin 9 60-70	Bin 10 70-80	Bin 12 >80
00:00	2	43.7	40.0	3.5	0	0	0	0	1	1	0	0	0	0	0
01:00	1	-	52.5	0	0	0	0	0	0	1	0	0	1	0	0
02:00	2	42.5	42.5	0.0	0	0	0	0	0	2	0	0	0	0	0
03:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0
04:00	3	48.7	40.8	7.6	0	0	0	1	0	1	1	0	0	0	0
05:00	3	56.5	43.5	8.7	0	0	0	0	0	2	0	0	0	0	0
06:00	28	52.4	43.5	8.6	0	0	0	4	8	6	5	4	2	1	0
07:00	112	49.7	42.4	7.0	0	0	4	6	30	39	19	8	5	1	0
08:00	266	49.8	42.7	6.9	0	1	5	20	66	83	56	26	7	2	0
09:00	367	48.2	39.8	8.1	0	2	14	21	41	57	20	9	1	1	0
10:00	160	46.8	39.7	6.9	0	2	8	18	54	48	23	4	3	0	0
11:00	120	48.0	39.9	8.8	1	1	11	9	41	29	15	7	5	1	0
12:00	130	48.0	40.8	7.0	1	0	4	13	41	38	27	5	2	1	0
13:00	152	46.8	40.7	5.9	0	0	0	20	61	37	25	6	2	1	0
14:00	130	48.4	40.6	7.5	0	1	7	17	32	44	20	3	5	1	0
15:00	138	49.3	43.5	6.2	0	0	10	10	31	45	34	12	5	1	0
16:00	166	52.2	44.5	7.4	0	1	0	9	38	44	37	22	13	2	0
17:00	170	51.8	44.6	7.4	1	0	0	6	40	39	37	18	3	1	0
18:00	119	51.9	43.4	8.1	0	3	1	9	27	28	37	15	2	2	0
19:00	93	49.7	41.5	7.9	0	0	3	9	34	24	12	6	3	1	0
20:00	68	49.9	41.9	7.7	0	0	3	5	24	15	9	8	4	0	0
21:00	35	49.8	41.6	7.9	0	0	1	4	12	9	4	3	1	1	0
22:00	10	53.0	44.5	8.3	0	0	0	4	4	1	1	1	1	1	0
23:00	14	54.8	45.4	9.1	0	0	1	0	2	3	5	2	0	1	0
Total	280	47.8	39.8	7.7	1	3	19	27	95	77	38	11	8	1	0
2H(14-19)	368	49.3	42.1	7.0	0	1	7	27	61	89	54	15	10	2	0
12H(7-19)	1830	49.6	41.9	7.4	3	11	54	158	497	551	350	133	53	18	2
24H(0-24)	2109	49.8	42.0	7.5	3	11	62	185	582	622	394	158	61	24	3
AM Peak	08:00	05:00	05:00	05:00	11:00	09:00	09:00	09:00	08:00	08:00	08:00	08:00	08:00	09:00	00:00
PM Peak	16:00	23:00	23:00	22:00	12:00	18:00	14:00	13:00	13:00	17:00	16:00	16:00	16:00	17:00	12:00
	270	54.8	45.4	9.1	1	3	7	20	61	59	27	22	12	5	1

360 TSL Ltd

Direction: Total Flow															
Hour Beginning	Total Volume	ESD Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-40	Bin 5 40-45	Bin 6 45-50	Bin 7 50-55	Bin 8 55-60	Bin 9 60-70	Bin 10 70-80	Bin 12 >80
00:00	3	44.3	35.0	9.0	0	0	1	0	1	1	0	0	0	0	0
01:00	2	54.8	43.5	7.1	0	0	0	0	0	1	0	1	0	0	0
02:00	5	44.4	37.0	7.2	0	0	1	0	2	2	0	0	0	0	0
03:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0
04:00	4	49.8	42.5	7.1	0	0	0	0	1	0	1	2	0	0	0
05:00	12	61.1	49.2	11.5	0	0	0	2	1	2	0	3	2	2	0
06:00	60	57.9	46.2	9.4	0	0	0	4	11	13	7	15	8	7	0
07:00	212	53.0	45.2	7.5	0	0	4	4	42	54	49	35	16	4	0
08:00	426	51.2	44.0	6.9	0	1	7	23	85	139	117	52	18	4	0
09:00	322	49.8	41.7	7.8	0	2	14	34	78	98	57	28	6	4	1
10:00	315	47.9	40.8	6.8	0	2	12	29	102	99	45	19	6	1	0
11:00	352	50.7	42.2	8.2	1	1	12	15	74	69	38	19	10	4	0
12:00	265	48.8	41.8	6.8	1	0	6	27	81	84	61	18	5	2	0
13:00	285	49.4	42.5	6.9	0	0	7	28	97	84	48	21	6	4	0
14:00	281	50.2	42.5	7.5	0	1	7	18	70	84	54	22	14	3	0
15:00	311	49.2	42.5	6.4	0	0	2	27	95	86	66	27	8	2	0
16:00	394	51.4	43.8	7.3	0	2	10	18	78	124	87	51	10	3	0
17:00	346	51.9	44.4	7.2	1	0	2	10	79	108	82	44	10	9	1
18:00	213	51.8	41.4	8.0	0	4	5	11	43	49	66	23	7	1	0
19:00	173	50.7	42.4	7.9	0	0	6	17	42	58	24	15	7	3	1
20:00	133	50.1	42.5	7.3	0	0	4	10	41	34	21	17	5	1	0
21:00	76	49.4	41.9	7.3	0	0	1	7	28	21	9	4	2	2	0
22:00	64	51.9	42.8	8.7	0	1	0	12	10	14	19	4	1	3	0
23:00	23	54.8	46.4	8.1	0	0	1	0	3	5	7	3	1	1	0
Total	568	49.2	41.4	7.5	1	3	24	44	176	168	83	48	16	5	0
2H(14-19)	104	49.7	42.5	6.9	0	1	9	55	161	172	120	49	22	5	0
12H(7-19)	3645	50.5	42.9	7.4	3	13	88	259	912	1059	770	369	126	48	3
24H(0-24)	4205	50.7	42.9	7.5	3	14	102	312	1051	1211	859	435	152	62	4
AM Peak	08:00	55.00	45.00	6.00	11.00	0.00	0.00	10.00	10.00	18.00	18.00	0.00	0.00	0.00	00.00
PM Peak	17:00	61.1	49.2	11.5	0	0	4	11	13	17	15	8	7	1	0
PM Peak	18:00	29.00	29.00	12.00	18.00	16.00	13.00	15.00	16.00	16.00	16.00	17.00	13.00	12.00	0
Peak	34.00	54.00	48.00	8.00	1	4	10	29	85	134	87	51	20	9	1



North Wales ATC 13, A548

Direction: Northbound

06/05/2022																
Hour Beginning	Total Volume	ECN Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-40	Bin 5 40-50	Bin 6 50-60	Bin 7 60-70	Bin 8 70-80	Bin 9 80-90	Bin 10 90-100		
00:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0		
01:00	2	53.7	50.0	3.5	0	0	0	0	0	0	1	1	0	0		
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
03:00	2	69.1	56.3	12.4	0	0	0	0	0	0	1	0	0	1		
04:00	1	-	-	-	0	0	0	0	0	0	0	1	0	0		
05:00	4	64.6	50.6	13.4	0	0	0	1	0	0	2	0	1	0		
06:00	38	61.0	51.2	9.5	0	0	1	0	4	2	10	9	7	4		
07:00	95	57.4	49.7	7.5	0	0	0	1	1	5	29	23	7	0		
08:00	159	51.8	45.0	6.5	0	0	2	6	23	41	24	9	1	0		
09:00	150	50.0	43.4	6.4	0	0	2	4	45	42	37	11	9	0		
10:00	127	49.5	43.1	6.2	0	0	0	12	31	33	33	16	2	0		
11:00	184	51.1	43.5	7.3	0	0	0	15	44	61	36	21	3	1		
12:00	164	50.4	44.1	6.1	0	0	0	3	48	47	36	21	9	0		
13:00	126	50.7	43.8	6.6	0	0	1	7	31	34	30	18	4	1		
14:00	148	48.0	41.7	6.1	0	0	1	16	45	37	34	7	4	0		
15:00	173	50.4	43.6	6.6	0	0	2	14	32	58	35	26	6	0		
16:00	190	51.9	45.1	6.5	0	0	1	3	40	53	34	24	10	0		
17:00	184	51.0	45.3	5.5	0	0	0	1	32	56	60	29	5	1		
18:00	76	52.8	45.9	6.6	0	0	0	0	15	23	19	12	5	2		
19:00	52	54.5	47.5	6.7	0	0	0	0	6	7	18	14	4	1		
20:00	42	51.2	44.9	6.1	0	0	0	1	9	12	11	7	2	0		
21:00	29	50.1	42.2	7.6	0	0	2	1	9	6	7	3	1	0		
22:00	20	48.4	43.3	4.9	0	0	0	0	6	7	5	2	0	0		
23:00	13	54.3	46.3	7.7	0	0	0	1	2	3	1	5	1	0		
Total																
201610-121	311	50.5	43.4	6.9	0	0	0	27	75	94	69	37	5	1		
201614-161	321	49.4	42.7	6.4	0	0	3	30	81	95	69	33	10	0		
120167-191	1776	51.2	44.8	6.7	0	0	9	84	395	512	444	230	84	31		
240169-241	9779	51.7	44.6	6.8	0	0	12	90	431	549	498	273	100	22		
AM Peak	11:00	03:00	04:00	05:00	06:00	06:00	08:00	11:00	09:00	11:00	08:00	08:00	07:00	07:00	11:00	09:00
	184	69.1	57.5	13.4	0	0	2	15	45	61	41	24	15	7	3	0
PM Peak	16:00	19:00	19:00	23:00	12:00	12:00	15:00	14:00	15:00	17:00	17:00	16:00	16:00	12:00	12:00	12:00
	190	54.5	47.5	7.7	0	0	2	16	49	58	60	29	13	2	0	0

360 TSL Ltd

Direction: Southbound

Hour	Total Volume	ECN Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-40	Bin 5 40-50	Bin 6 50-60	Bin 7 60-70	Bin 8 70-80	Bin 9 80-90	Bin 10 90-100
00:00	1	-	37.5	-	0	0	0	0	1	0	0	0	0	0
01:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0
02:00	3	45.2	39.2	5.8	0	0	0	1	0	2	0	0	0	0
03:00	2	47.5	47.5	0.0	0	0	0	0	0	0	2	0	0	0
04:00	3	57.2	44.2	12.6	0	0	0	1	0	1	0	0	0	0
05:00	31	55.8	47.2	8.3	0	0	0	1	3	10	8	6	1	1
06:00	111	50.5	44.1	6.1	0	0	0	3	30	32	26	14	6	0
08:00	238	49.8	41.8	6.9	0	0	3	30	60	72	35	21	7	0
09:00	164	49.5	41.4	7.9	0	0	0	30	46	52	23	4	7	0
10:00	117	48.6	41.2	7.2	0	0	2	15	33	34	23	6	2	0
11:00	120	47.1	40.7	6.2	0	0	1	21	38	29	24	5	2	0
12:00	137	51.2	43.7	7.2	0	0	0	10	37	38	31	8	10	3
13:00	171	48.1	41.0	6.8	0	0	6	16	63	44	25	12	4	1
14:00	139	50.1	42.4	7.4	0	0	3	13	39	40	29	7	4	4
15:00	151	49.8	41.4	6.2	0	0	1	4	29	67	37	9	4	0
16:00	171	49.8	43.6	6.0	0	0	1	7	42	55	42	19	4	1
17:00	187	48.9	43.2	5.5	0	0	3	6	30	71	39	17	1	0
18:00	135	51.8	45.9	7.6	0	0	2	2	29	40	36	15	11	6
19:00	93	51.7	45.5	6.0	0	0	0	2	15	28	25	20	2	1
20:00	55	50.2	43.5	6.5	0	0	1	3	13	15	8	1	0	0
21:00	47	51.6	43.9	7.3	0	0	0	4	9	19	6	4	4	1
22:00	16	55.4	46.7	8.5	0	0	0	2	5	9	11	1	0	0
23:00	19	54.3	46.1	8.0	0	0	0	1	3	5	6	3	2	1
Total														
201610-121	237	47.9	40.9	6.7	1	0	3	36	71	63	47	11	4	1
201614-161	290	49.5	42.9	6.3	0	0	4	17	68	102	66	16	8	4
120167-191	1821	49.7	42.6	6.8	1	0	22	157	479	574	370	137	62	16
240169-241	2114	50.2	43.0	6.9	1	0	23	175	528	665	442	181	79	34
AM Peak	08:00	05:00	04:00	05:00	10:00	06:00	08:00	08:00	08:00	08:00	08:00	08:00	06:00	06:00
	188	57.2	47.6	12.8	1	0	3	39	69	72	35	21	7	1
PM Peak	13:00	22:00	23:00	22:00	12:00	12:00	13:00	13:00	13:00	17:00	16:00	19:00	18:00	12:00
	171	55.4	46.7	8.5	0	0	6	16	63	71	42	20	11	6

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	ECN Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-40	Bin 5 40-50	Bin 6 50-60	Bin 7 60-70	Bin 8 70-80	Bin 9 80-90	Bin 10 90-100	
00:00	3	53.7	45.8	7.6	0	0	0	0	1	0	1	0	0	0	
01:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	
02:00	5	58.4	46.0	11.9	0	0	0	1	0	2	1	0	0	1	
03:00	3	56.8	50.8	5.8	0	0	0	0	0	1	2	0	1	0	
04:00	7	60.8	47.9	12.5	0	0	0	2	1	0	0	2	1	1	
05:00	69	58.9	48.4	9.2	0	0	1	7	12	18	15	8	5	2	
06:00	206	54.3	46.7	7.3	0	0	6	35	47	55	35	21	7	0	
07:00	397	50.2	43.0	6.9	0	0	5	36	92	125	76	46	16	1	
08:00	314	49.8	42.3	7.3	0	0	2	34	94	60	35	16	0	0	
09:00	244	49.2	42.2	6.8	1	0	2	27	64	67	56	22	4	1	
10:00	304	49.6	41.4	7.0	0	0	2	36	82	90	60	26	5	1	
11:00	301	50.8	43.9	6.6	0	0	0	13	85	85	67	29	10	3	
12:00	297	49.3	42.2	6.9	0	0	7	23	84	79	55	30	8	2	
13:00	287	49.0	42.0	6.8	0	0	4	29	88	77	63	34	8	4	
14:00	324	49.7	43.5	6.0	0	0	3	18	61	125	72	35	10	0	
15:00	361	51.0	44.4	6.3	0	0	2	10	82	108	96	43	17	3	
16:00	351	50.1	44.3	5.6	0	0	3	7	62	127	99	46	6	1	
17:00	211	51.4	45.9	7.2	0	0	2	3	38	63	55	27	16	0	
18:00	145	52.8	46.3	6.3	0	0	0	4	21	35	43	34	6	2	
19:00	97	50.6	44.1	6.3	0	0	1	4	22	27	25	15	3	0	
20:00	76	51.0	43.3	7.5	0	0	2	3	18	25	13	7	5	1	
21:00	16	53.2	48.4	7.5	0	0	0	2	11	16	16	7	0	4	
22:00	12	54.2	46.2	7.7	0	0	0	2	5	8	7	6	3	1	
Total															
201610-121	548	49.4	42.3	6.9	1	0	3	63	146	157	116	48	9	2	
201614-161	611	49.4	42.8	6.4	0	0	7	47	149	202	135	49	18	4	
120167-191	3937	50.5	43.5	6.8	1	0	13	241	874	1086	814	367	146	31	
240169-241	4093	50.9	43.7	6.9	1	0	35	263	959	1214	940	454	173	46	
AM Peak	08:00	05:00	04:00	05:00	10:00	06:00	08:00	08:00	08:00	08:00	08:00	08:00	07:00	11:00	09:00
	397	60.8	50.8	12.5	1	0	5	36	92	125	76	46	21	7	
PM Peak	16:00	23:00	19:00	23:00	12:00	12:00	13:00	14:00	13:00	17:00	17:00	17:00	12:00	12:00	12:00
	397	54.3	46.7	7.3	0	0	6	35	47	55	35	21	7		



North Wales ATC 13, A548

07/05/2022															
Direction: Northbound															
Hour Beginning	Total Volume	ECN Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-40	Bin 5 40-50	Bin 6 50-60	Bin 7 60-70	Bin 8 70-80	Bin 9 80-90	Bin 10 90-100	Bin 12 >100
00:00	2	47.5	47.5	5.0	0	0	0	0	0	0	0	0	0	0	0
01:00	5	52.7	47.5	5.0	0	0	0	0	0	2	1	2	0	0	0
02:00	2	49.8	42.5	7.1	0	0	0	0	0	1	0	1	0	0	0
03:00	1	-	52.5	-	0	0	0	0	0	0	0	1	0	0	0
04:00	2	53.7	50.0	3.5	0	0	0	0	0	0	1	1	0	0	0
05:00	5	62.1	52.0	8.7	0	0	0	0	0	2	0	1	1	0	0
06:00	19	55.0	45.4	9.3	0	0	1	1	3	4	4	4	1	1	0
07:00	45	52.4	46.0	6.2	0	0	1	1	3	13	16	9	2	0	0
08:00	76	52.7	46.3	6.2	0	0	0	0	11	25	18	18	2	2	0
09:00	107	51.0	44.3	6.5	0	0	0	0	8	23	26	32	13	4	0
10:00	136	49.2	42.6	6.4	0	0	4	4	28	55	27	14	2	0	0
11:00	158	49.3	43.1	6.0	0	0	1	9	36	61	25	20	4	0	0
12:00	126	51.4	44.9	6.3	0	0	2	4	20	34	42	21	2	1	0
13:00	116	50.2	43.0	7.0	0	0	3	5	30	39	22	14	2	0	1
14:00	140	48.8	45.0	5.6	0	0	0	6	42	42	34	14	2	0	0
15:00	117	50.6	43.6	6.7	0	0	2	1	35	37	23	11	7	1	0
16:00	146	46.5	45.3	5.1	0	0	0	5	32	60	39	11	0	0	0
17:00	116	51.3	45.6	7.5	0	0	0	9	30	39	19	10	4	5	0
18:00	100	52.0	44.9	6.9	0	0	0	1	26	30	22	13	5	3	0
19:00	64	54.2	46.7	7.2	0	0	0	1	8	19	20	9	5	1	1
20:00	54	53.4	46.1	7.0	0	0	0	3	5	17	16	8	3	2	0
21:00	37	51.0	44.9	5.8	0	0	0	2	5	11	12	6	1	0	0
22:00	33	53.9	43.8	9.7	0	0	1	2	11	7	5	4	1	1	1
23:00	10	57.4	48.3	8.8	0	0	0	0	2	2	2	1	1	0	0
Total	204	49.3	42.9	6.1	0	0	7	13	64	138	52	34	6	0	0
2H(14-16)	257	49.6	43.3	6.1	0	0	2	7	77	79	57	25	9	1	0
12H(7-19)	1385	50.4	43.8	6.4	0	0	15	33	338	463	333	168	36	14	1
24H(0-24)	1610	51.0	44.1	6.6	0	0	17	62	351	527	383	206	49	21	3
AM Peak	11:00	05:00	03:00	05:00	00:00	00:00	10:00	11:00	11:00	09:00	11:00	09:00	08:00	00:00	00:00
	158	62.1	52.5	9.7	0	0	6	9	36	63	32	20	4	2	0
PM Peak	16:00	23:00	23:00	22:00	12:00	12:00	13:00	17:00	14:00	16:00	12:00	12:00	15:00	17:00	13:00
	148	57.4	48.3	9.7	0	0	3	9	42	60	42	21	7	5	1

360 TSL Ltd

Direction: Southbound

07/05/2022															
Direction: Southbound															
Hour Beginning	Total Volume	ECN Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-40	Bin 5 40-50	Bin 6 50-60	Bin 7 60-70	Bin 8 70-80	Bin 9 80-90	Bin 10 90-100	Bin 12 >100
00:00	3	47.2	44.2	2.9	0	0	0	0	0	2	1	0	0	0	0
01:00	5	50.3	43.5	6.5	0	0	0	0	0	1	1	1	0	0	0
02:00	1	-	47.5	-	0	0	0	0	0	0	1	0	0	0	0
03:00	2	43.7	40.0	3.5	0	0	0	0	0	1	0	0	0	0	0
04:00	2	49.8	42.5	7.1	0	0	0	0	0	1	0	1	0	0	0
05:00	2	49.7	46.0	3.5	0	0	0	0	0	1	0	0	0	0	0
06:00	12	57.5	51.0	6.3	0	0	0	0	0	2	3	5	1	1	0
07:00	45	50.8	43.7	6.8	0	0	2	1	7	17	11	5	2	0	0
08:00	64	52.0	44.8	6.9	0	0	1	0	16	17	8	4	1	0	0
09:00	85	52.2	43.9	8.0	0	0	0	6	26	22	13	12	1	5	0
10:00	105	50.2	43.9	7.0	0	0	1	7	29	31	22	10	4	1	0
11:00	139	51.7	42.6	8.8	2	0	4	12	32	36	34	12	4	2	1
12:00	168	50.0	43.2	6.6	0	0	1	10	40	64	29	18	4	1	1
13:00	142	50.4	42.3	7.9	0	1	5	11	34	50	24	8	7	1	1
14:00	134	52.5	43.7	8.5	0	0	2	13	33	35	31	5	10	3	2
15:00	152	52.3	45.9	8.5	0	0	2	11	28	42	24	14	6	4	1
16:00	137	51.6	44.2	7.1	0	0	4	5	27	42	32	18	8	1	0
17:00	123	52.6	44.1	8.1	0	0	2	9	26	37	27	11	6	4	0
18:00	96	52.4	44.8	7.3	0	0	8	15	28	28	10	3	4	0	0
19:00	88	52.8	45.4	7.2	0	0	1	1	18	28	19	11	6	2	0
20:00	54	54.6	46.2	8.2	0	0	1	3	6	17	10	9	6	2	0
21:00	44	50.9	44.0	6.6	0	0	0	2	9	18	8	4	2	1	0
22:00	30	54.2	45.8	8.2	0	0	0	2	3	12	5	6	1	1	0
23:00	12	64.3	55.2	8.8	0	0	0	0	0	4	4	1	2	1	0
Total	244	51.1	42.7	8.1	2	1	4	19	61	67	56	22	8	3	1
2H(14-16)	266	52.4	43.8	8.3	0	0	4	24	61	77	55	19	16	7	3
12H(7-19)	1370	51.6	43.6	7.7	2	2	23	93	313	421	292	131	59	27	7
24H(0-24)	1625	52.0	43.9	7.8	2	2	25	101	354	501	345	171	76	35	9
AM Peak	11:00	05:00	05:00	11:00	11:00	10:00	11:00	11:00	11:00	09:00	08:00	09:00	11:00	00:00	00:00
	139	57.5	51.8	8.8	2	1	4	19	32	36	34	12	4	3	1
PM Peak	12:00	23:00	23:00	22:00	12:00	13:00	13:00	14:00	12:00	13:00	16:00	12:00	14:00	15:00	14:00
	168	64.3	55.2	8.8	0	1	5	15	40	64	32	18	10	4	2

360 TSL Ltd

Direction: Total Flow

Hour	Total Volume	ECN Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-40	Bin 5 40-50	Bin 6 50-60	Bin 7 60-70	Bin 8 70-80	Bin 9 80-90	Bin 10 90-100	Bin 12 >100
00:00	5	48.3	45.5	2.7	0	0	0	0	0	2	3	2	1	0	0
01:00	10	51.6	45.5	5.9	0	0	0	0	0	2	3	2	1	0	0
02:00	3	50.2	44.2	5.8	0	0	0	0	0	1	0	2	0	0	0
03:00	3	52.1	44.2	7.6	0	0	0	0	0	1	0	1	0	0	0
04:00	4	52.8	46.3	6.9	0	0	0	0	0	2	1	0	0	0	0
05:00	7	58.9	48.6	10.0	0	0	0	0	1	3	0	1	1	1	0
06:00	11	56.5	47.6	8.6	0	0	1	1	9	6	7	19	2	2	0
07:00	90	51.7	44.9	6.6	0	0	3	2	10	30	27	14	4	0	0
08:00	140	52.4	45.6	6.5	0	0	1	0	27	42	35	26	6	3	0
09:00	192	51.5	44.1	7.2	0	0	4	10	68	45	25	5	6	0	0
10:00	241	49.7	42.8	6.6	0	1	6	11	57	86	49	24	6	1	0
11:00	307	50.2	42.9	7.4	2	0	5	21	68	99	59	32	8	2	1
12:00	204	50.6	43.9	6.5	0	0	3	14	60	98	71	39	6	2	1
13:00	258	50.4	42.6	7.5	0	0	1	8	16	64	89	46	22	9	1
14:00	274	50.8	43.3	7.2	0	0	2	19	75	77	65	29	12	1	2
15:00	249	51.5	43.8	7.5	0	0	4	12	63	79	47	25	13	5	1
16:00	385	50.1	43.7	6.2	0	0	4	10	59	102	71	39	8	2	0
17:00	239	52.0	43.9	7.8	0	0	2	18	56	76	46	21	10	9	1
18:00	196	52.2	44.9	7.1	0	0	9	41	58	50	23	8	4	0	0
19:00	152	53.4	45.9	7.2	0	0	1	2	26	47	39	20	13	3	1
20:00	108	54.0	46.1	7.6	0	0	1	6	11	34	26	17	9	4	0
21:00	81	50.9	44.4	6.3	0	0	0	14	9	20	10	3	1	1	0
22:00	63	54.1	44.7	9.0	0	0	1	4	14	19	10	10	2	1	2
23:00	22	61.7	52.0	9.3	0	0	0	0	2	2	6	6	2	3	1
Total	338	50.1	42.8	7.1	2	1	11	32	125	185	108	56	34	3	1
2H(14-16)	323	51.1	43.5	7.3	0	0	6	31	138	156	112	46	24	8	1
2H(17-19)	375	51.5	43.7	7.1	2	2	38	146	129	884	814	328	177	127	10
2H(20-24)	1444	51.5	44.0	7.2	2	2	142	563	705	1030	728	377	127	56	12
AM Peak	1100	05:00	05:00	05:00	11:00	10:00	10:00	10:00	14:00	14:00	11:00	11:00	11:00	09:00	00:00
PM Peak	2207	18:00	18:00	18:00	2	1	6	21	68	99	59	32	8	6	1
AM Peak	2300	23:00	23:00	23:00	12:00	11:00	11:00	14:00	14:00	12:00	12:00	15:00	17:00	18:00	12:00
PM Peak	2421	01:00	01:00	01:00	12:00	12:00	12:00	14:00	14:00	12:00	12:00	15:00	17:00	18:00	12:00



North Wales ATC 13, A548

Direction: Northbound																08/05/2022	
Hour	Total Volume	ECN Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-40	Bin 5 40-50	Bin 6 50-60	Bin 7 60-70	Bin 8 70-80	Bin 9 80-90	Bin 10 90-100	Bin 11 100-110	Bin 12 >110	
00:00	3	55.2	45.2	5.8	0	0	0	0	0	0	0	0	0	0	0	0	
01:00	3	57.9	47.5	10.0	0	0	0	0	1	1	1	0	1	0	0	0	
02:00	4	60.5	48.1	12.0	0	0	0	0	0	1	1	0	0	0	0	0	
03:00	2	54.8	47.5	7.1	0	0	0	0	0	1	0	1	0	0	0	0	
04:00	3	63.9	51.7	11.8	0	0	0	0	0	1	1	0	0	1	0	0	
05:00	3	52.7	48.2	2.9	0	0	0	0	0	0	2	1	0	0	0	0	
06:00	7	54.7	48.9	5.6	0	0	0	0	0	1	0	2	4	0	0	0	
07:00	22	58.2	45.3	12.4	0	1	1	1	4	3	5	3	1	3	0	0	
08:00	52	51.3	44.1	6.9	0	0	1	1	12	18	9	9	1	1	0	0	
09:00	86	51.9	41.5	8.1	0	0	2	6	21	27	16	6	4	0	0	0	
10:00	116	49.2	43.2	5.7	0	0	1	4	26	47	26	9	2	1	0	0	
11:00	142	51.2	44.5	6.5	0	0	2	4	36	46	37	22	3	2	0	0	
12:00	153	49.3	43.3	5.8	0	0	2	4	36	57	35	15	4	0	0	0	
13:00	120	52.1	44.9	6.9	0	0	3	3	19	33	40	15	5	2	0	0	
14:00	120	52.4	44.5	6.7	0	0	0	4	26	42	26	16	4	1	1	0	
15:00	123	52.6	44.9	7.5	0	0	0	5	24	41	34	12	1	4	2	0	
16:00	125	50.9	45.8	6.7	0	0	1	9	26	39	32	15	4	1	0	0	
17:00	97	51.7	44.8	6.7	0	0	0	3	15	31	22	13	5	2	0	0	
18:00	87	51.1	44.8	6.1	0	0	0	2	15	26	27	12	4	0	0	0	
19:00	58	52.9	46.9	5.8	0	0	0	0	5	19	17	13	3	1	0	0	
20:00	55	50.6	43.3	7.0	0	0	0	5	15	15	11	4	5	0	0	0	
21:00	30	51.8	42.6	8.9	0	0	2	3	7	6	7	3	1	2	0	0	
22:00	18	51.9	46.4	5.3	0	0	0	0	2	5	7	3	1	0	0	0	
23:00	9	55.1	44.7	10.0	0	0	0	3	0	1	1	3	1	0	0	0	
Total	258	50.4	44.0	6.2	0	0	3	8	52	93	63	31	5	3	0	0	
2H(14-16)	243	52.0	44.7	7.1	0	0	0	9	50	83	60	28	5	5	3	0	
12H(7-19)	1248	51.3	44.2	6.8	0	2	13	44	296	483	369	147	38	21	3	0	
24H(0-24)	1486	51.5	44.4	6.8	0	2	15	55	288	460	359	181	50	25	3	0	
AM Peak	11:00	04:00	04:00	07:00	00:00	07:00	09:00	09:00	10:00	10:00	11:00	11:00	09:00	09:00	00:00	00:00	
	142	63.9	51.7	12.4	0	1	2	6	26	47	37	22	4	4	0	0	
PM Peak	12:00	23:00	19:00	23:00	12:00	16:00	13:00	16:00	12:00	12:00	13:00	14:00	13:00	15:00	15:00	12:00	
	153	55.1	46.9	10.0	0	1	3	7	36	57	40	16	5	4	2	0	

360 TSL Ltd

Direction: Southbound

Hour	Total Volume	ECN Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-40	Bin 5 40-50	Bin 6 50-60	Bin 7 60-70	Bin 8 70-80	Bin 9 80-90	Bin 10 90-100	Bin 11 100-110	Bin 12 >110
00:00	15	59.2	50.5	8.4	0	0	0	0	1	4	2	4	2	2	0	0
01:00	7	58.8	51.8	6.7	0	0	0	0	0	4	2	0	0	0	0	0
02:00	2	58.9	38.8	19.4	0	0	1	0	0	0	0	1	0	0	0	0
03:00	3	56.0	45.0	10.6	0	0	0	0	0	1	0	0	0	0	0	0
04:00	1	-	85.0	-	0	0	0	0	0	0	0	0	0	0	0	1
05:00	1	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
06:00	7	65.4	57.9	7.3	0	0	0	0	0	0	1	2	1	3	0	0
07:00	28	53.6	45.6	7.7	0	1	0	0	0	2	8	10	6	1	0	0
08:00	39	55.6	42.2	10.9	2	2	0	2	6	12	4	6	4	1	0	0
09:00	57	54.3	44.0	10.0	1	0	2	4	8	16	16	6	1	2	1	0
10:00	89	53.6	45.6	7.6	0	0	0	4	16	29	17	12	7	4	0	0
11:00	132	54.3	43.7	10.2	4	0	0	6	28	46	25	9	7	5	2	0
12:00	135	53.5	42.5	10.6	0	1	8	16	27	43	22	9	2	2	3	2
13:00	129	52.8	44.8	7.7	0	0	0	7	33	33	34	13	5	1	0	0
14:00	150	52.1	44.1	7.7	1	0	0	10	30	43	40	19	5	1	0	1
15:00	127	52.4	44.0	8.2	1	0	2	10	21	36	26	12	5	0	0	0
16:00	113	54.2	45.3	8.6	0	2	0	8	15	29	32	14	10	2	1	0
17:00	79	52.9	46.3	7.5	0	0	1	3	13	22	13	8	5	0	0	0
18:00	84	54.8	45.8	7.7	0	0	0	0	17	24	17	13	8	5	0	0
19:00	55	56.2	46.3	9.5	0	0	2	3	4	17	13	9	5	1	0	1
20:00	51	58.5	48.5	8.7	0	0	0	0	5	15	10	5	3	2	0	0
21:00	23	60.8	47.8	12.5	0	0	0	1	5	5	7	1	1	1	1	1
22:00	16	54.5	46.4	7.8	0	0	0	0	4	1	1	1	1	0	0	0
23:00	8	54.4	46.9	7.3	0	0	0	0	2	1	2	2	1	0	0	0
Total	2121	54.1	44.5	8.3	4	0	0	10	44	76	42	21	14	9	2	0
2H(10-12)	221	54.1	44.5	8.3	4	0	0	10	44	76	42	21	14	9	2	0
12H(7-19)	1152	53.7	44.4	8.0	9	6	13	70	214	341	265	132	57	31	11	3
24H(0-24)	1140	54.6	45.0	8.2	9	6	16	74	237	382	340	148	75	45	14	6
AM Peak	11:00	06:00	04:00	02:00	11:00	08:00	09:00	11:00	11:00	11:00	11:00	10:00	10:00	11:00	11:00	04:00
	132	65.4	51.8	19.4	4	2	2	6	28	46	25	9	7	5	2	1
PM Peak	14:00	21:00	20:00	21:00	14:00	16:00	13:00	12:00	13:00	13:00	14:00	14:00	16:00	13:00	12:00	12:00
	150	60.8	49.5	12.5	1	2	8	16	31	43	40	19	10	5	3	2

360 TSL Ltd

Direction: Total Flow																	
Hour Beginning	Total Volume	ECN Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-40	Bin 5 40-50	Bin 6 50-60	Bin 7 60-70	Bin 8 70-80	Bin 9 80-90	Bin 10 90-100	Bin 11 100-110	Bin 12 >110	
00:00	18	58.4	50.3	7.9	0	0	0	0	1	5	2	6	2	2	0	0	
01:00	10	58.3	50.5	7.5	0	0	0	0	2	0	1	4	3	0	0	0	
02:00	6	59.1	45.0	13.6	0	0	1	0	1	1	1	0	1	0	0	0	
03:00	4	54.0	46.3	7.5	0	0	0	0	1	1	0	2	0	0	0	0	
04:00	4	60.0	45.0	19.3	0	0	0	0	0	1	1	0	0	1	0	0	
05:00	4	61.7	53.1	8.3	0	0	0	0	0	0	2	1	0	1	0	0	
06:00	14	61.4	55.1	7.8	0	0	0	0	0	1	6	3	6	0	0	0	
07:00	50	55.8	45.5	10.0	0	2	1	1	6	11	15	9	2	3	0	0	
08:00	91	53.6	43.3	9.9	2	2	1	3	18	30	13	15	5	2	0	0	
09:00	143	52.9	43.7	8.9	1	0	4	10	29	43	32	12	5	6	1	0	
10:00	205	51.3	44.3	6.7	0	0	1	8	42	76	43	21	9	5	0	0	
11:00	274	52.9	44.1	6.5	4	0	2	10	54	92	62	31	10	7	2	0	
12:00	288	51.7	42.9	8.4	0	1	10	20	63	100	57	24	6	2	3	2	
13:00	240	52.4	44.9	7.5	0	0	3	10	39	66	74	28	10	7	1	0	
14:00	270	51.8	44.3	7.3	1	0	0	14	56	85	66	35	9	2	1	0	
15:00	240	53.1	44.4	8.3	1	0	2	15	45	77	60	24	6	5	5	0	
16:00	238	52.5	44.5	7.7	0	0	3	0	15	41	68	64	29	14	3	1	0
17:00	176	52.2	45.1	6.9	0	0	0	1	6	34	53	44	26	7	5	0	0
18:00	171	53.6	45.8	7.0	0	0	1	2	32	50	44	25	12	0	0	0	
19:00	113	54.7	46.6	7.8	0	0	2	3	9	36	30	22	8	2	0	1	
20:00	106	55.0	46.3	8.4	0	0	0	5	20	26	26	14	10	3	2	0	
21:00	53	56.1	46.9	10.8	0	0	2	4	12	11	14	4	2	2	1	1	
22:00	34	53.1	46.4	6.5	0	0	0	0	6	8	12	5	2	1	0	0	
23:00	17	54.7	45.7	8.6	0	0	0	1	2	2	1	1	1	0	0	0	
Total	479	52.2	44.2	7.8	4	0	3	18	96	168	105	52	39	12	2	0	
2PHS12-18	479	52.2	44.2	7.8	4	0	3	18	96	168	105	52	39	12	2	0	
2PHS18-24	295	52.4	44.3	7.8	2	0	2	10	50	162	136	59	15	7	7	0	
2PHS18-30	239	52.5	44.3	7.9	0	0	8	26	114	470	711	574	279	95	52	14	3
2PHS30-36	2776	51.5	44.7	8.1	9	0	8	51	129	525	842	609	349	125	68	17	6
Ave Peak	110	54.00	46.00	10.00	11.00	07.00	08.00	08.00	11.00	11.00	11.00	11.00	11.00	11.00	11.00	11.00	64.00
Peak	288	56.4	48.3	11.3	9	0	8	26	114	470	711	574	279	95	52	14	3
PM Peak	288	56.4	48.6	12.8	1	3	10	20	63	100	74	35	34	7	5	2	0



North Wales ATC 13, A548

Direction: Northbound																
09/05/2022																
Hour Beginning	Total Volume	ESD Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-40	Bin 5 40-50	Bin 6 50-60	Bin 7 60-70	Bin 8 70-80	Bin 9 80-90	Bin 10 90-95	Bin 11 95-99	Bin 12 >=99
00:00	2	59.8	52.5	7.1	0	0	0	0	0	1	0	0	0	0	0	0
01:00	2	53.7	50.0	3.5	0	0	0	0	0	0	1	1	0	0	0	0
02:00	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
03:00	4	59.0	51.3	7.5	0	0	0	0	0	1	1	0	2	0	0	0
04:00	4	56.7	50.0	6.5	0	0	0	0	0	1	1	1	1	0	0	0
05:00	12	57.5	50.0	7.2	0	0	0	0	2	1	5	3	0	0	0	0
06:00	34	60.2	51.5	8.4	0	0	0	1	3	1	10	8	6	5	0	0
07:00	110	55.4	48.4	6.0	0	0	0	3	10	8	34	28	14	3	0	0
08:00	162	51.8	45.0	6.5	0	0	1	5	33	42	45	28	6	2	0	0
09:00	125	48.1	42.8	6.1	0	0	7	40	36	25	15	1	0	0	0	0
10:00	144	47.5	41.3	6.1	0	0	8	7	38	53	32	6	0	0	0	0
11:00	167	47.8	41.5	6.1	0	0	3	18	57	52	26	13	1	0	0	0
12:00	139	50.8	42.4	8.1	0	0	5	14	40	33	26	13	3	5	0	0
13:00	136	48.2	42.3	5.7	0	0	1	10	37	47	28	12	1	0	0	0
14:00	145	48.8	41.9	6.6	0	0	0	18	41	44	29	7	2	3	0	0
15:00	167	50.9	44.2	6.5	0	0	0	11	27	63	39	18	6	3	0	0
16:00	204	51.5	45.3	8.0	0	0	0	7	39	55	71	26	10	3	0	0
17:00	176	51.5	44.7	6.8	0	0	0	4	39	57	45	20	8	2	1	0
18:00	75	54.9	46.6	8.0	0	0	0	4	14	13	20	14	6	4	0	0
19:00	61	58.4	48.4	9.7	0	1	0	0	11	10	14	20	10	4	1	0
20:00	49	53.7	46.3	7.1	0	0	0	1	9	13	11	9	5	1	0	0
21:00	19	50.4	45.1	5.1	0	0	0	0	3	7	5	4	0	0	0	0
22:00	16	51.1	44.1	6.8	0	0	0	1	5	2	4	4	0	0	0	0
23:00	4	43.7	38.8	4.8	0	0	0	1	1	2	0	0	0	0	0	0
Total																
2H(0-12)	311	47.7	43.4	6.1	0	0	11	20	95	105	58	19	3	0	0	0
2H(14-16)	312	50.0	43.2	6.6	0	0	0	30	68	107	68	25	8	6	0	0
12H(7-19)	1750	50.8	43.8	6.8	0	0	18	104	409	533	480	200	61	24	1	0
24H(0-24)	6968	51.5	44.2	7.1	0	1	18	108	443	551	469	243	89	34	2	0
AM Peak	11:00	06:00	00:00	06:00	00:00	00:00	10:00	11:00	11:00	10:00	08:00	07:00	07:00	06:00	00:00	00:00
	167	68.2	52.5	8.4	0	0	8	13	57	53	45	28	14	5	0	0
PM Peak	16:00	19:00	19:00	19:00	12:00	19:00	12:00	14:00	14:00	15:00	16:00	16:00	16:00	12:00	17:00	12:00
	204	58.4	48.4	9.7	0	1	5	13	45	63	71	26	11	5	1	0

360 TSL Ltd

Direction: Southbound																
09/05/2022																
Hour Beginning	Total Volume	ESD Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-40	Bin 5 40-50	Bin 6 50-60	Bin 7 60-70	Bin 8 70-80	Bin 9 80-90	Bin 10 90-95	Bin 11 95-99	Bin 12 >=99
00:00	2	65.0	65.0	0.0	0	0	0	0	0	0	0	0	0	2	0	0
01:00	2	81.4	61.3	19.4	0	0	0	0	0	0	1	0	0	0	1	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	2	62.2	47.5	14.1	0	0	0	0	0	0	0	0	1	0	0	0
04:00	2	54.8	47.5	7.1	0	0	0	0	0	0	1	0	1	0	0	0
05:00	4	48.8	46.3	2.5	0	0	0	0	0	1	3	8	4	0	0	0
06:00	20	58.1	50.9	7.0	0	0	0	0	2	7	3	8	4	1	0	0
07:00	180	51.6	45.2	6.2	0	0	0	4	21	41	42	13	7	2	0	0
08:00	255	51.3	44.4	6.6	0	1	10	10	52	80	69	32	8	1	2	0
09:00	139	52.2	44.4	7.5	0	0	2	8	34	48	34	12	5	6	0	0
10:00	110	50.0	41.1	6.7	0	0	8	28	42	18	6	6	2	0	0	0
11:00	124	48.5	41.4	6.8	0	0	6	14	28	38	27	10	1	0	0	0
12:00	131	51.8	43.1	8.4	0	0	3	15	27	41	30	6	1	7	1	0
13:00	132	49.4	42.7	6.5	0	1	8	42	35	28	12	4	1	0	0	0
14:00	134	49.6	42.8	6.5	0	1	8	40	42	27	10	4	2	0	0	0
15:00	154	53.2	44.7	8.5	0	5	5	27	52	28	24	10	2	0	0	0
16:00	135	53.2	46.5	6.5	0	0	0	1	17	43	40	22	7	5	0	0
17:00	182	51.5	46.1	7.2	0	0	3	7	25	35	36	11	0	0	0	0
18:00	92	54.2	47.4	6.5	0	0	2	7	24	30	21	4	4	0	0	0
19:00	77	58.8	48.6	8.9	0	0	2	8	14	14	23	11	3	1	1	0
20:00	45	58.5	48.9	8.3	0	0	0	0	7	12	16	3	2	0	0	0
21:00	39	56.5	47.4	8.7	0	0	0	1	8	10	4	8	5	3	0	0
22:00	19	60.2	50.5	8.3	0	0	0	0	1	5	4	6	1	1	0	0
23:00	10	57.6	48.8	7.9	0	0	0	1	3	1	4	0	1	0	0	0
Total																
2H(0-12)	234	49.2	42.2	6.8	0	0	6	22	56	80	45	16	7	2	0	0
2H(14-16)	288	51.6	43.8	7.5	0	0	6	13	67	94	55	38	14	4	0	0
12H(7-19)	1718	51.8	44.3	7.2	0	0	22	90	339	521	438	201	68	34	4	1
24H(0-24)	6940	52.8	44.9	7.5	0	0	22	93	364	564	480	267	92	46	7	3
AM Peak	08:00	01:00	00:00	01:00	00:00	00:00	11:00	11:00	08:00	08:00	08:00	08:00	08:00	09:00	08:00	00:00
	255	61.4	61.8	19.4	0	0	6	14	52	80	69	32	8	4	2	0
PM Peak	17:00	22:00	22:00	22:00	12:00	13:00	15:00	12:00	13:00	15:00	17:00	17:00	12:00	12:00	15:00	15:00
	182	68.2	50.5	9.3	0	0	5	15	45	52	65	38	11	7	1	1

360 TSL Ltd

Direction: Total Flow																
Hour Beginning	Total Volume	ESD Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-40	Bin 5 40-50	Bin 6 50-60	Bin 7 60-70	Bin 8 70-80	Bin 9 80-90	Bin 10 90-95	Bin 11 95-99	Bin 12 >=99
00:00	4	67.3	58.8	8.3	0	0	0	0	0	1	0	1	2	0	0	0
01:00	4	69.2	55.6	11.1	0	0	0	0	0	0	0	1	0	0	0	0
02:00	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	6	59.1	50.0	8.8	0	0	0	0	1	1	1	0	3	0	0	0
04:00	6	55.4	49.2	6.3	0	0	0	0	0	1	2	1	0	0	0	0
05:00	16	55.8	49.1	6.5	0	0	0	0	2	2	4	5	3	0	0	0
06:00	14	59.4	51.3	7.8	0	0	0	1	5	3	11	16	10	6	0	0
07:00	240	51.5	46.6	6.7	0	0	7	31	59	76	41	21	5	0	0	0
08:00	417	51.5	44.7	6.6	0	2	15	85	122	114	60	14	3	2	0	0
09:00	264	50.8	41.7	6.9	0	2	15	64	84	59	27	6	7	0	0	0
10:00	254	48.7	42.0	6.4	0	0	8	15	66	95	50	12	6	2	0	0
11:00	302	48.2	41.5	6.4	0	0	9	27	85	90	53	13	4	0	0	0
12:00	270	51.3	42.8	8.3	0	0	8	29	67	74	56	19	4	12	1	0
13:00	288	48.9	42.5	6.1	0	0	9	29	86	81	56	24	5	1	0	0
14:00	279	49.2	42.4	6.6	0	1	27	81	86	56	27	6	1	0	0	0
15:00	321	52.2	44.5	7.3	0	0	5	16	54	115	67	42	16	5	0	1
16:00	339	52.2	45.8	6.2	0	0	8	50	98	111	48	18	6	0	0	0
17:00	358	52.6	45.4	6.9	0	0	3	11	64	92	110	53	19	4	2	0
18:00	167	54.6	41.1	7.2	0	0	6	21	37	50	35	10	0	0	0	0
19:00	118	58.6	49.1	9.2	0	1	0	2	19	24	28	33	21	7	2	1
20:00	94	56.2	47.0	8.0	0	1	1	13	20	25	30	25	8	3	0	0
21:00	58	54.7	46.7	7.8	0	0	1	11	17	9	12	5	3	0	0	0
22:00	35	56.7	47.6	8.8	0	0	1	6	7	8	10	0	2	1	0	0
23:00	14	54.5	45.9	8.4	0	0	1	2	1	1	4	1	0	0	0	0
Total																
21H21L30	545	48.4	41.7	6.4	0	0	17	42	151	185	103	35	30	2	0	0
21H21L30	417	49.3	41.6	11.3	0	0	6	43	126	202	129	19	22	10	0	0
21H21L30	3468	51.3	44.0	7.0	0	0	40	294	748	834	401	129	58	5	0	0
21H21L30	3836	52.1	44.6	7.3	0	1	40	205	807	1115	549	150	81	82	9	0
Peak																
08:00	11:00	08:00	08:00	00.00	00.00	11:00	11:00	18:00	08:00	08:00	08:00	07:00	09:00	08:00	08:00	00.00
21H21L30	417	49.3	41.6	11.3	0	0	6	43	126	202	129	19	22	10	0	0
08:00	11:00	08:00	08:00	12:00	12:00	12:00	12:00	14:00	15:00	16:00	17:00	19:00	12:00	17:00	15:00	00.00
PM Peak	358	58.6	49.3	9.2	0	1	8	29	81	115	111	53	21	12	2	1



North Wales ATC 13, A548

10/05/2022															
Hour Beginning	Total Volume	ESD Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-40	Bin 5 40-45	Bin 6 45-50	Bin 7 50-55	Bin 8 55-60	Bin 9 60-70	Bin 10 70-80	Bin 12 >80
00:00	4	164.1	51.9	12.0	0	0	0	0	0	0	1	1	0	0	0
01:00	1	-	47.5	-	0	0	0	0	0	0	1	0	0	0	0
02:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0
03:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0
04:00	2	198.8	52.5	7.1	0	0	0	0	0	0	1	0	1	0	0
05:00	11	193.1	50.0	8.2	0	0	0	1	1	1	1	2	1	0	0
06:00	41	61.9	52.1	9.5	0	0	0	0	0	5	3	10	10	6	2
07:00	107	145.1	48.1	6.1	0	0	1	1	5	12	42	21	14	1	0
08:00	169	12.8	45.9	6.7	0	0	0	0	9	22	46	45	14	11	2
09:00	134	49.6	42.7	6.6	0	0	3	11	32	43	27	16	2	0	0
10:00	157	49.2	42.2	6.8	0	0	4	9	52	45	29	10	7	1	0
11:00	123	48.6	43.0	5.5	0	0	1	4	33	42	32	9	2	0	0
12:00	166	48.6	42.0	6.3	0	0	2	18	48	43	41	11	2	1	0
13:00	117	53.1	46.8	6.1	0	0	0	2	8	37	42	17	8	3	0
14:00	141	50.1	45.8	6.2	0	0	1	6	34	44	31	21	4	0	0
15:00	160	50.9	44.8	5.9	0	0	0	6	27	52	47	21	6	1	0
16:00	210	52.8	45.8	5.7	0	0	2	6	34	54	54	41	9	5	0
17:00	176	56.3	48.7	7.3	0	0	0	0	16	48	39	43	17	13	0
18:00	98	57.5	50.2	7.0	0	0	0	0	0	2	23	28	25	12	7
19:00	67	54.4	48.1	6.1	0	0	0	0	5	18	19	16	8	1	0
20:00	38	57.9	48.2	9.4	0	0	0	2	8	4	6	10	6	1	1
21:00	17	57.9	48.7	8.9	0	0	0	0	2	11	5	4	0	5	0
22:00	10	56.7	46.8	9.6	0	0	0	1	1	3	2	1	1	1	0
23:00	6	62.2	52.1	9.8	0	0	0	0	1	0	2	0	2	1	0
Total	280	49.0	42.5	6.3	0	0	5	13	85	87	61	19	9	1	0
2H(14-16)	301	50.4	44.3	6.0	0	0	1	12	61	96	78	42	10	1	0
12H(7-19)	1758	52.4	48.2	6.9	0	0	14	72	330	496	460	272	92	14	1
24H(0-24)	1995	53.1	45.6	7.2	0	0	14	76	334	535	517	316	119	10	4
AM Peak	08:00	00:00	04:00	00:00	00:00	00:00	10:00	09:00	10:00	08:00	08:00	08:00	07:00	06:00	00:00
	169	64.3	52.5	12.8	0	0	4	11	52	46	45	14	14	5	2
PM Peak	16:00	23:00	23:00	23:00	12:00	12:00	12:00	12:00	12:00	16:00	16:00	17:00	17:00	18:00	12:00
	210	62.2	52.1	9.8	0	0	2	18	48	54	64	49	17	13	1

360 TSL Ltd

Direction: Southbound

Hour Beginning	Total Volume	ESD Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-35	Bin 5 35-40	Bin 6 40-45	Bin 7 45-50	Bin 8 50-55	Bin 9 55-60	Bin 10 60-70	Bin 11 70-80	Bin 12 >80
00:00	5	66.2	48.0	17.5	0	0	0	2	0	0	1	1	0	0	1	0
01:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
03:00	2	198.8	52.5	7.1	0	0	0	0	0	1	0	1	0	0	0	0
04:00	4	66.3	51.9	13.9	0	0	0	1	0	0	0	1	1	1	0	0
05:00	3	184.1	48.0	8.3	0	0	0	0	0	2	2	4	0	1	0	0
06:00	36	55.1	48.5	6.4	0	0	0	2	0	8	11	9	6	0	0	0
07:00	121	52.7	45.0	7.5	0	0	3	9	13	36	30	20	9	1	0	0
08:00	240	51.4	44.1	7.0	0	3	9	53	86	43	27	15	4	0	0	0
09:00	161	52.2	43.4	8.4	0	0	4	20	36	33	38	18	7	4	1	0
10:00	139	49.0	42.4	6.3	0	0	3	10	36	54	27	9	2	0	0	0
11:00	110	52.3	44.6	7.4	0	0	1	5	22	38	21	14	5	4	0	0
12:00	125	53.2	44.3	8.6	1	0	1	8	29	29	35	10	4	1	0	0
13:00	148	50.6	43.6	6.7	0	0	1	7	17	51	28	16	3	0	0	0
14:00	137	54.0	44.0	9.6	2	0	2	10	30	35	29	16	7	5	0	1
15:00	139	53.3	46.2	6.9	0	0	6	12	36	44	22	9	4	0	0	0
16:00	154	55.6	48.2	7.1	0	0	1	3	11	33	50	34	16	5	1	0
17:00	170	58.0	48.2	8.5	0	0	0	2	20	39	49	38	11	9	1	0
18:00	102	60.6	51.2	10.0	0	1	0	6	11	28	20	10	13	1	0	0
19:00	74	62.1	52.5	9.3	0	0	1	0	2	12	16	16	15	10	1	1
20:00	53	60.8	52.0	8.5	0	0	0	0	0	12	15	7	6	2	0	0
21:00	31	62.7	51.6	10.7	0	0	0	3	7	6	5	5	2	3	0	0
22:00	15	62.9	53.3	8.9	0	0	0	1	0	1	1	1	1	1	1	0
23:00	9	61.6	53.6	7.7	0	0	0	0	0	0	5	0	2	2	0	0
Total	249	50.5	43.4	6.9	0	0	3	15	58	89	48	23	7	6	0	0
2H(10-12)	276	53.9	45.1	8.4	2	0	2	16	48	71	73	38	16	9	0	1
12H(7-19)	1746	53.8	45.4	8.1	3	1	18	91	311	469	422	244	118	60	7	2
24H(0-24)	1990	55.0	46.2	8.5	3	1	20	96	318	506	480	301	161	84	15	3
AM Peak	08:00	04:00	03:00	00:00	00:00	00:00	09:00	09:00	08:00	08:00	08:00	08:00	08:00	00:00	00:00	00:00
	240	66.1	52.5	17.5	0	0	4	20	59	86	49	27	15	4	1	0
PM Peak	17:00	21:00	23:00	21:00	14:00	18:00	14:00	14:00	13:00	13:00	16:00	17:00	18:00	17:00	14:00	14:00
	170	62.7	53.6	10.7	2	1	2	10	37	51	50	38	20	13	3	1

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	ESD Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-35	Bin 5 35-40	Bin 6 40-45	Bin 7 45-50	Bin 8 50-55	Bin 9 55-60	Bin 10 60-70	Bin 11 70-80	Bin 12 >80
00:00	9	64.8	49.7	14.5	0	0	0	2	1	0	2	1	1	1	1	0
01:00	1	-	47.5	-	0	0	0	0	0	0	1	0	0	0	0	0
02:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
03:00	2	198.8	52.5	7.1	0	0	0	0	0	0	1	0	1	0	0	0
04:00	6	63.7	52.1	11.2	0	0	0	1	1	1	1	1	2	1	0	0
05:00	16	58.9	49.7	8.9	0	0	0	1	1	2	5	3	2	2	0	0
06:00	77	59.0	50.4	8.4	0	0	2	5	11	21	19	12	5	2	0	0
07:00	228	53.7	46.4	7.0	0	0	4	10	18	58	72	41	23	2	0	0
08:00	409	52.0	44.9	6.9	0	0	3	18	75	132	88	61	26	6	0	0
09:00	295	51.1	41.1	7.7	0	0	7	31	68	73	65	37	9	4	1	0
10:00	296	49.1	42.3	6.6	0	0	6	19	88	96	56	19	9	3	0	0
11:00	132	50.5	45.7	6.5	0	0	2	9	15	80	53	10	7	4	0	0
12:00	201	50.7	43.0	7.5	1	0	3	26	77	72	76	21	9	5	1	0
13:00	205	51.9	45.1	6.5	0	0	1	9	45	88	70	39	11	5	0	0
14:00	278	52.2	43.9	8.1	2	0	3	16	64	79	60	37	11	5	0	0
15:00	299	52.1	45.4	6.4	0	0	0	12	45	88	91	49	15	5	0	0
16:00	364	54.1	46.8	7.0	0	0	3	9	42	87	114	75	33	10	1	0
17:00	346	57.1	48.9	7.9	0	0	0	2	36	78	88	81	33	24	3	1
18:00	200	59.1	50.7	8.1	0	0	1	8	34	56	45	32	10	3	0	0
19:00	141	58.9	50.4	8.2	0	0	1	0	7	30	35	32	23	11	1	1
20:00	91	59.8	50.4	9.0	0	0	0	2	10	13	18	25	13	7	3	0
21:00	18	60.6	50.3	10.0	0	0	0	0	8	11	9	5	7	3	0	0
22:00	35	61.2	51.4	9.5	0	0	1	1	1	4	6	11	7	3	1	0
23:00	15	61.6	53.0	8.3	0	0	0	0	1	0	7	0	4	3	0	0
Total	529	49.7	42.9	6.6	0	0	8	28	143	176	109	42	16	7	0	0
2H(10-12)	577	52.2	44.7	7.3	2	0	3	28	109	167	151	80	26	10	0	1
12H(7-19)	3024	53.1	45.3	7.5	3	1	32	153	621	962	889	516	233	94	8	2
24H(0-24)	3955	54.1	45.9	7.9	3	1	34	172	652	1043	997	617	280	134	19	3
AM Peak	08:00	00:00	03:00	00:00	00:00	00:00	0	0	7	31	88	132	88	61	26	6
PM Peak	16:00	21:00	23:00	21:00	14:00	18:00	12:00	12:00	12:00	13:00	14:00	15:00	17:00	17:00	17:00	14:00



North Wales ATC 13, A548

Direction: Northbound																	11/05/2022
Hour	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-40	Bin 5 40-50	Bin 6 50-60	Bin 7 60-70	Bin 8 70-80	Bin 9 80-90	Bin 10 90-100	Bin 11 100-110	Bin 12 >110	
00:00	2	58.7	55.0	5.5	0	0	0	0	0	0	1	1	0	0	0	0	
01:00	1	-	47.5	-	0	0	0	0	0	0	1	0	0	0	0	0	
02:00	2	58.7	55.0	5.5	0	0	0	0	0	0	1	1	0	0	0	0	
03:00	3	52.7	47.5	5.0	0	0	0	0	0	1	1	1	0	0	0	0	
04:00	4	60.2	55.0	5.0	0	0	0	0	0	0	1	0	1	0	0	0	
05:00	9	60.3	50.0	10.2	0	0	0	1	1	5	2	2	2	1	0	0	
06:00	37	63.3	53.2	9.7	0	0	0	0	0	3	5	6	9	6	2	0	
07:00	113	55.5	49.1	6.2	0	0	0	0	0	8	17	43	29	11	5	0	
08:00	167	53.6	47.5	5.9	0	0	0	3	11	45	52	38	17	1	0	0	
09:00	133	52.1	46.3	6.5	0	0	4	26	38	34	22	7	1	0	0	0	
10:00	148	53.0	46.3	6.5	0	0	1	26	42	38	25	14	2	0	0	0	
11:00	130	52.0	44.2	7.5	0	0	1	10	30	36	21	20	7	3	0	0	
12:00	105	48.2	41.7	6.2	0	0	0	24	43	53	28	13	4	0	0	0	
13:00	126	48.8	42.5	6.1	0	0	1	6	40	42	25	5	7	0	0	0	
14:00	128	49.8	42.8	6.8	0	0	0	12	38	37	22	11	7	1	0	0	
15:00	178	51.4	44.4	6.8	0	0	0	11	33	59	48	16	7	3	1	0	
16:00	209	51.1	44.3	6.6	0	0	1	10	22	72	47	23	10	3	0	0	
17:00	165	53.2	46.2	6.8	0	0	0	5	28	38	47	34	9	4	0	0	
18:00	101	54.1	46.5	7.4	0	0	0	4	10	31	30	17	7	1	0	1	
19:00	58	55.4	46.9	8.2	0	0	0	3	9	10	19	20	4	2	1	0	
20:00	48	52.6	43.5	8.8	0	0	1	5	14	12	3	8	3	2	0	0	
21:00	29	50.2	43.4	6.6	0	0	0	3	5	12	3	5	1	0	0	0	
22:00	18	53.9	43.6	9.9	0	0	1	0	7	5	1	0	3	1	0	0	
23:00	7	50.7	40.7	9.7	0	0	1	1	1	1	2	1	0	0	0	0	
Total	278	52.6	45.3	7.1	0	0	1	11	56	78	61	45	21	5	0	0	
2H(10-12)	306	50.8	43.7	6.9	0	0	0	23	71	96	70	27	14	4	1	0	
2H(14-16)	1763	52.1	46.0	6.0	0	0	3	96	336	530	437	252	110	24	1	1	
24H(0-24)	1081	52.6	45.2	7.2	0	0	6	103	375	556	476	290	134	36	4	1	
AM Peak	08:00	06:00	00:00	05:00	00:00	00:00	11:00	11:00	11:00	08:00	08:00	08:00	08:00	06:00	06:00	00:00	
	167	63.3	55.8	10.2	0	0	1	10	30	45	52	38	17	6	2	0	
PM Peak	16:00	19:00	19:00	22:00	12:00	12:00	13:00	12:00	12:00	16:00	15:00	17:00	16:00	17:00	15:00	18:00	
	209	55.4	46.9	9.9	0	0	1	24	43	72	48	34	13	4	1	1	

360 TSL Ltd

Direction: Southbound

Hour Beginning	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-40	Bin 5 40-50	Bin 6 50-60	Bin 7 60-70	Bin 8 70-80	Bin 9 80-90	Bin 10 90-100	Bin 11 100-110	Bin 12 >110
00:00	4	63.2	54.4	8.5	0	0	0	0	0	0	2	0	1	1	0	0
01:00	1	57.5	57.5	0.0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	1	-	52.5	-	0	0	0	0	0	0	0	1	0	0	0	0
03:00	6	56.3	50.0	6.1	0	0	0	0	0	1	1	0	0	0	0	0
04:00	2	47.9	58.8	8.8	0	0	0	0	0	0	0	0	1	0	1	0
05:00	4	72.5	61.9	10.9	0	0	0	0	0	0	0	0	1	1	0	0
06:00	28	57.9	48.8	8.7	0	0	0	1	2	3	6	6	9	1	0	0
07:00	124	57.2	49.5	7.5	0	0	0	2	7	21	46	25	12	10	1	0
08:00	232	54.7	46.9	7.5	0	0	2	7	34	62	69	46	20	12	0	0
09:00	151	55.2	46.3	8.6	0	0	0	1	3	34	37	35	20	12	6	3
10:00	196	55.8	45.2	9.2	0	0	4	12	33	18	22	11	3	2	0	0
11:00	137	49.4	40.5	8.6	1	1	9	15	44	30	21	8	7	1	0	0
12:00	129	47.3	40.6	6.4	1	0	0	22	33	47	18	6	2	0	0	0
13:00	128	48.7	41.5	7.0	0	0	4	14	37	38	24	7	2	2	0	0
14:00	144	48.4	40.9	7.2	0	0	3	28	40	35	23	11	2	2	0	0
15:00	124	52.0	44.4	7.4	0	0	0	5	38	22	17	16	4	1	0	0
16:00	172	50.0	43.8	6.0	0	0	1	4	46	54	39	22	6	0	0	0
17:00	184	49.3	42.7	5.4	0	0	0	7	36	63	42	16	4	0	0	0
18:00	110	53.8	46.7	6.8	0	0	1	0	16	31	30	19	10	3	0	0
19:00	81	52.5	43.1	9.0	0	0	0	5	9	16	17	17	9	6	2	0
20:00	51	52.1	43.0	8.8	0	0	3	3	15	12	5	0	1	0	1	0
21:00	34	51.0	43.9	8.7	0	0	2	2	10	14	1	2	1	2	0	0
22:00	19	52.7	42.5	9.8	0	0	1	1	2	1	1	1	1	0	0	0
23:00	12	60.6	48.3	11.8	0	0	0	1	1	4	2	2	0	1	1	0
Total	243	52.8	43.4	9.1	1	1	9	19	57	63	39	30	18	4	2	0
2H(10-12)	368	50.3	42.5	7.5	0	0	3	33	78	57	60	27	6	3	0	1
2H(14-16)	1741	52.4	44.4	7.8	2	1	21	111	374	473	402	238	102	40	6	1
24H(0-24)	1086	52.7	44.4	8.0	2	2	32	130	406	532	460	290	122	50	9	1
AM Peak	08:00	05:00	05:00	05:00	11:00	11:00	11:00	11:00	11:00	08:00	08:00	08:00	08:00	08:00	09:00	00:00
	221	72.1	61.3	10.9	1	1	9	10	44	62	69	46	20	12	8	0
PM Peak	16:00	22:00	23:00	23:00	12:00	12:00	13:00	12:00	14:00	16:00	17:00	16:00	18:00	18:00	20:00	15:00
	172	60.6	48.3	11.8	1	1	5	28	46	63	42	22	10	3	1	1

360 TSL Ltd

Direction: Total Flow

Hour	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-40	Bin 5 40-50	Bin 6 50-60	Bin 7 60-70	Bin 8 70-80	Bin 9 80-90	Bin 10 90-100	Bin 11 100-110	Bin 12 >110	
00:00	6	61.6	54.6	6.8	0	0	0	0	0	0	2	1	2	1	0	0	
01:00	4	60.2	55.0	5.0	0	0	0	0	0	0	1	0	1	0	0	0	
02:00	3	57.2	54.2	2.8	0	0	0	0	0	0	2	0	2	1	0	0	
03:00	9	55.0	49.2	5.6	0	0	0	0	0	0	2	4	1	2	0	0	
04:00	6	62.3	56.3	5.9	0	0	0	0	0	0	1	1	1	0	0	0	
05:00	13	65.2	53.5	11.3	0	0	0	1	1	0	2	4	2	2	1	0	
06:00	10	61.1	51.3	9.5	0	0	0	3	5	8	12	15	7	1	0	0	
07:00	237	56.4	45.3	6.8	0	0	0	15	35	89	54	23	15	1	0	0	
08:00	419	54.3	47.1	6.9	0	0	2	10	45	107	121	84	37	13	0	0	
09:00	284	53.8	45.8	7.7	0	0	1	7	60	75	69	46	20	8	3	0	
10:00	264	54.2	46.7	7.3	0	0	0	5	39	75	56	47	25	5	2	0	
11:00	307	50.9	42.3	8.3	1	1	10	25	74	66	44	28	14	4	0	0	
12:00	294	47.8	41.3	6.3	1	0	0	46	76	100	46	19	6	0	0	0	
13:00	249	48.9	42.0	6.6	0	0	0	36	77	89	49	32	9	3	0	0	
14:00	272	49.1	42.8	7.1	0	0	3	40	78	72	45	22	9	3	0	0	
15:00	302	51.7	44.4	7.1	0	0	0	16	71	81	85	32	11	4	1	1	
16:00	381	50.6	44.0	6.3	0	0	2	14	88	126	86	44	10	2	0	0	
17:00	329	51.5	45.0	6.3	0	0	0	12	60	101	89	50	13	4	0	0	
18:00	211	53.9	46.6	7.1	0	0	1	4	26	62	60	36	17	4	1	0	
19:00	139	53.9	44.7	8.8	0	0	5	12	25	27	16	19	10	4	1	0	
20:00	99	52.3	43.3	8.8	0	0	4	8	25	27	15	13	3	3	1	0	
21:00	63	50.6	42.6	7.8	0	0	2	5	13	26	4	7	2	2	0	0	
22:00	37	53.1	43.0	9.7	0	1	2	1	9	10	6	4	3	1	0	0	
23:00	19	57.6	45.5	11.6	0	0	1	2	2	5	4	3	0	1	1	0	
Total	521	52.8	44.4	8.1	1	1	10	30	113	141	100	75	39	9	2	0	
2H(10-12)	574	50.6	43.1	7.2	0	0	3	56	149	153	130	54	20	7	1	1	
2H(14-16)	574	50.6	43.1	7.2	0	0	3	56	149	153	130	54	20	7	1	1	
2H(18-20)	367	52.7	44.8	7.6	2	2	2	38	213	791	1088	926	540	246	86	13	2
Average	48.9	55.0	54.0	50.0	11.00	11.00	11.00	11.00	11.00	11.00	11.00	11.00	11.00	11.00	11.00	11.00	
PM Peak	28.00	23.00	18.00	23.00	12.00	22.00	13.00	12.00	16.00	38.00	12.00	17.00	16.00	15.00	15.00	15.00	
AM Peak	42.00	36.00	31.00	31.00	5.00	5.00	5.00	25.00	74.00	107.00	121.00	84.00	37.00	15.00	3.00	0.00	



North Wales ATC 13, A548



Direction: Northbound

Hour Beginning	Thu 05/05/2022	Fri 06/05/2022	Sat 07/05/2022	Sun 08/05/2022	Mon 09/05/2022	Tue 10/05/2022	Wed 11/05/2022	5-Day Ave.	7-Day Ave.
00:00	1	0	2	3	2	4	2	2	2
01:00	1	2	5	3	2	1	1	1	2
02:00	3	0	2	4	1	0	2	1	2
03:00	0	2	1	2	4	0	3	2	2
04:00	1	1	2	3	4	2	4	2	2
05:00	9	4	5	3	12	11	9	9	8
06:00	37	38	19	7	34	41	37	37	30
07:00	100	95	45	22	110	107	113	105	85
08:00	160	159	76	52	162	169	167	163	135
09:00	155	150	107	86	125	134	133	139	127
10:00	155	127	136	116	144	157	148	146	140
11:00	133	184	158	142	167	123	130	147	148
12:00	155	164	126	153	139	166	165	158	153
13:00	133	126	116	120	136	117	126	128	125
14:00	153	148	140	120	145	141	128	143	139
15:00	173	173	117	123	167	160	178	170	156
16:00	228	190	148	125	204	210	209	208	188
17:00	176	184	116	97	176	176	165	175	156
18:00	94	76	100	87	75	98	101	89	90
19:00	80	52	64	58	61	67	58	64	63
20:00	65	42	54	55	49	38	48	48	50
21:00	41	29	37	30	19	27	29	29	30
22:00	34	20	33	18	16	10	18	20	21
23:00	9	13	10	9	4	6	7	8	8
Total									
12H(7-19)	1815	1776	1385	1243	1750	1758	1763	1772	1641
16H(6-22)	2038	1937	1559	1393	1913	1931	1935	1951	1815
18H(6-24)	2081	1970	1602	1420	1933	1947	1960	1978	1845
24H(0-24)	2096	1979	1619	1438	1958	1965	1981	1996	1862
AM Peak	08:00	11:00	11:00	11:00	11:00	08:00	08:00	08:00	11:00
	160	184	158	142	167	169	167	163	148
PM Peak	16:00	16:00	16:00	12:00	16:00	16:00	16:00	16:00	16:00
	228	190	148	153	204	210	209	208	188

360 TSL Ltd

Direction: Southbound

Hour Beginning	Thu 05/05/2022	Fri 06/05/2022	Sat 07/05/2022	Sun 08/05/2022	Mon 09/05/2022	Tue 10/05/2022	Wed 11/05/2022	5-Day Ave.	7-Day Ave.
00:00	2	3	3	15	2	5	4	3	5
01:00	1	1	5	7	2	0	3	1	3
02:00	2	0	1	2	0	0	1	1	1
03:00	0	3	2	2	2	2	6	3	2
04:00	3	2	2	1	2	4	2	3	2
05:00	3	3	2	1	4	5	4	4	3
06:00	28	31	12	7	20	36	28	29	23
07:00	112	111	45	28	130	121	124	120	96
08:00	266	238	64	39	255	240	252	250	193
09:00	167	164	85	57	139	161	151	156	132
10:00	160	117	105	89	110	139	106	126	118
11:00	120	120	139	132	124	110	137	122	126
12:00	130	137	168	135	131	125	129	130	136
13:00	152	171	142	129	132	148	128	146	143
14:00	130	139	134	150	134	137	144	137	138
15:00	138	151	132	117	154	139	124	141	136
16:00	166	171	137	113	135	154	172	160	150
17:00	170	167	123	79	182	170	164	171	151
18:00	119	135	96	84	92	102	110	112	105
19:00	93	93	88	55	77	74	81	84	80
20:00	68	55	54	51	45	53	51	54	54
21:00	35	47	44	23	39	31	34	37	36
22:00	30	36	30	16	19	25	19	26	25
23:00	14	19	12	8	10	9	12	13	12
Total									
12H(7-19)	1830	1821	1370	1152	1718	1746	1741	1771	1625
16H(6-22)	2054	2047	1568	1288	1899	1940	1935	1975	1819
18H(6-24)	2098	2102	1610	1312	1928	1974	1966	2014	1856
24H(0-24)	2109	2114	1625	1340	1940	1990	1986	2028	1872
AM Peak	08:00	08:00	11:00	11:00	08:00	08:00	08:00	08:00	08:00
	266	238	139	132	255	240	252	250	193
PM Peak	17:00	13:00	12:00	14:00	17:00	17:00	16:00	17:00	17:00
	170	171	168	150	182	170	172	171	151

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Thu 05/05/2022	Fri 06/05/2022	Sat 07/05/2022	Sun 08/05/2022	Mon 09/05/2022	Tue 10/05/2022	Wed 11/05/2022	5-Day Ave.	7-Day Ave.
00:00	3	3	5	18	4	9	6	5	7
01:00	2	3	10	10	4	1	4	3	5
02:00	5	0	3	6	1	0	3	2	3
03:00	0	5	3	4	6	2	9	4	4
04:00	4	3	4	4	6	6	6	5	5
05:00	12	7	7	4	16	16	13	13	11
06:00	65	69	31	14	54	77	65	66	54
07:00	212	206	90	50	240	228	237	225	180
08:00	426	397	140	91	417	409	419	414	328
09:00	322	314	192	143	264	295	284	296	259
10:00	315	244	241	205	254	296	254	273	258
11:00	253	304	297	274	291	233	267	270	274
12:00	285	301	294	288	270	291	294	288	289
13:00	285	297	258	249	268	265	254	274	268
14:00	283	287	274	270	279	278	272	280	278
15:00	311	324	249	240	321	299	302	311	292
16:00	394	361	285	238	339	364	381	368	337
17:00	346	351	239	176	358	346	329	346	306
18:00	213	211	196	171	167	200	211	200	196
19:00	173	145	152	113	138	141	139	147	143
20:00	133	97	108	106	94	91	99	103	104
21:00	76	76	81	53	58	58	63	66	66
22:00	64	56	63	34	35	35	37	45	46
23:00	23	32	22	17	14	15	19	21	20
Total									
12H(7-19)	3645	3597	2755	2395	3468	3504	3504	3544	3267
16H(6-22)	4092	3984	3127	2681	3812	3871	3870	3926	3634
18H(6-24)	4179	4072	3212	2732	3861	3921	3926	3992	3700
24H(0-24)	4205	4093	3244	2778	3898	3955	3967	4024	3734
AM Peak	08:00	08:00	11:00	11:00	08:00	08:00	08:00	08:00	08:00
	426	397	297	274	417	409	419	414	328
PM Peak	16:00	16:00	12:00	12:00	17:00	16:00	16:00	16:00	16:00
	394	361	294	288	358	364	381	368	337

360 TSL Ltd



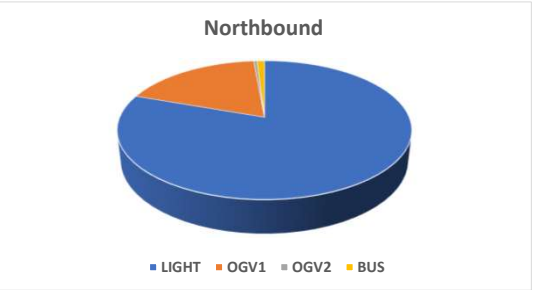
North Wales ATC 13, A548

Direction: Northbound

	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 5 May 2022	2096	1664	403	10	19
Fri 6 May 2022	1979	1584	367	11	17
Sat 7 May 2022	1619	1407	199	3	10
Sun 8 May 2022	1438	1268	164	4	2
Mon 9 May 2022	1958	1564	357	12	25
Tue 10 May 2022	1965	1507	423	7	28
Wed 11 May 2022	1981	1487	459	8	27
5 Day Ave.	1996	1561	402	10	23
7 Day Ave.	1862	1497	339	8	18

	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 5 May 2022	100.0%	79.4%	19.2%	0.5%	0.9%
Fri 6 May 2022	100.0%	80.0%	18.5%	0.6%	0.9%
Sat 7 May 2022	100.0%	86.9%	12.3%	0.2%	0.6%
Sun 8 May 2022	100.0%	88.2%	11.4%	0.3%	0.1%
Mon 9 May 2022	100.0%	79.9%	18.2%	0.6%	1.3%
Tue 10 May 2022	100.0%	76.7%	21.5%	0.4%	1.4%
Wed 11 May 2022	100.0%	75.1%	23.2%	0.4%	1.4%
5 Day Ave.	100.0%	78.2%	20.1%	0.5%	1.2%
7 Day Ave.	100.0%	80.4%	18.2%	0.4%	1.0%

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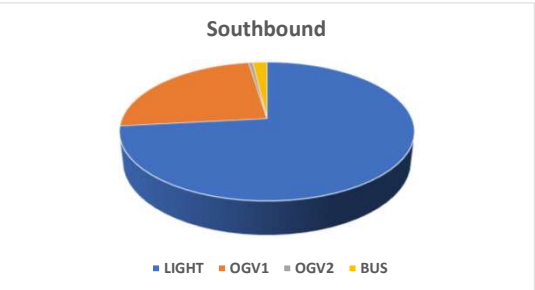


Direction: Southbound

	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 5 May 2022	2109	1719	358	15	17
Fri 6 May 2022	2114	1696	375	14	29
Sat 7 May 2022	1625	1305	290	7	23
Sun 8 May 2022	1340	1066	261	5	8
Mon 9 May 2022	1940	1369	510	9	52
Tue 10 May 2022	1990	1085	822	12	71
Wed 11 May 2022	1986	1364	570	9	43
5 Day Ave.	2028	1447	527	12	42
7 Day Ave.	1872	1372	455	10	35

	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 5 May 2022	100.0%	81.5%	17.0%	0.7%	0.8%
Fri 6 May 2022	100.0%	80.2%	17.7%	0.7%	1.4%
Sat 7 May 2022	100.0%	80.3%	17.8%	0.4%	1.4%
Sun 8 May 2022	100.0%	79.6%	19.5%	0.4%	0.6%
Mon 9 May 2022	100.0%	70.6%	26.3%	0.5%	2.7%
Tue 10 May 2022	100.0%	54.5%	41.3%	0.6%	3.6%
Wed 11 May 2022	100.0%	68.7%	28.7%	0.5%	2.2%
5 Day Ave.	100.0%	71.3%	26.0%	0.6%	2.1%
7 Day Ave.	100.0%	73.3%	24.3%	0.5%	1.9%

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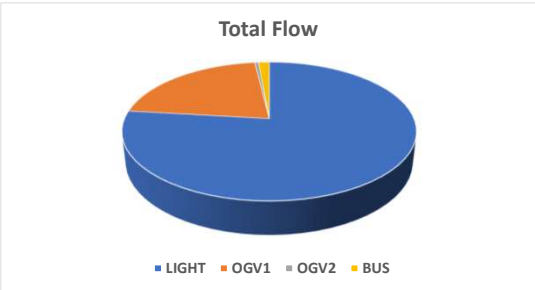


Direction: Total Flow

	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 5 May 2022	4205	3383	761	25	36
Fri 6 May 2022	4093	3280	742	25	46
Sat 7 May 2022	3244	2712	489	10	33
Sun 8 May 2022	2778	2334	425	9	10
Mon 9 May 2022	3898	2933	867	21	77
Tue 10 May 2022	3955	2592	1245	19	99
Wed 11 May 2022	3967	2851	1029	17	70
5 Day Ave.	4024	3008	929	21	66
7 Day Ave.	3734	2869	794	18	53

	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 5 May 2022	100.0%	80.5%	18.1%	0.6%	0.9%
Fri 6 May 2022	100.0%	80.1%	18.1%	0.6%	1.1%
Sat 7 May 2022	100.0%	83.6%	15.1%	0.3%	1.0%
Sun 8 May 2022	100.0%	84.0%	15.3%	0.3%	0.4%
Mon 9 May 2022	100.0%	75.2%	22.2%	0.5%	2.0%
Tue 10 May 2022	100.0%	65.5%	31.5%	0.5%	2.5%
Wed 11 May 2022	100.0%	71.9%	25.9%	0.4%	1.8%
5 Day Ave.	100.0%	74.8%	23.1%	0.5%	1.6%
7 Day Ave.	100.0%	76.8%	21.3%	0.5%	1.4%

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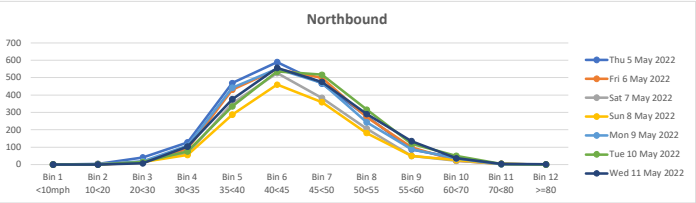


North Wales ATC 13, A548

Direction: Northbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<30	Bin 4 30<35	Bin 5 35<40	Bin 6 40<45	Bin 7 45<50	Bin 8 50<55	Bin 9 55<60	Bin 10 60<70	Bin 11 70<80	Bin 12 >=80
Thu 5 May 2022	2096	51.5	43.9	7.4	0	3	40	127	469	589	465	277	87	38	1	0
Fri 6 May 2022	1979	51.7	44.6	6.8	0	0	12	90	431	549	498	273	100	22	4	0
Sat 7 May 2022	1619	51.0	44.1	6.6	0	0	17	62	351	527	383	206	49	21	3	0
Sun 8 May 2022	1438	51.5	44.4	6.9	0	2	15	55	288	460	359	181	50	25	3	0
Mon 9 May 2022	1958	51.5	44.2	7.1	0	1	18	108	443	551	469	243	89	34	2	0
Tue 10 May 2022	1965	53.1	45.6	7.2	0	0	14	76	334	535	517	316	119	50	4	0
Wed 11 May 2022	1981	52.6	45.2	7.2	0	0	6	103	375	556	476	290	134	36	4	1
5 Day Ave.	1996	52.1	44.7	7.1	0	1	18	101	410	556	485	280	106	36	3	0
7 Day Ave.	1862	51.8	44.6	7.0	0	1	17	89	384	538	452	255	90	32	3	0

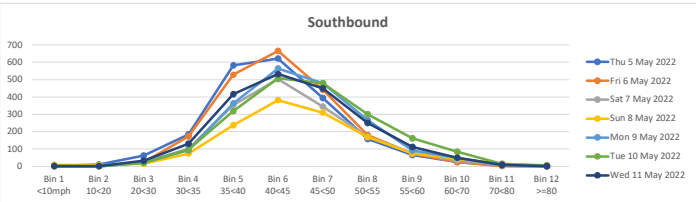
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Direction: Southbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<30	Bin 4 30<35	Bin 5 35<40	Bin 6 40<45	Bin 7 45<50	Bin 8 50<55	Bin 9 55<60	Bin 10 60<70	Bin 11 70<80	Bin 12 >=80
Thu 5 May 2022	2109	49.8	42.0	7.5	3	11	62	185	582	622	394	158	65	24	3	0
Fri 6 May 2022	2114	50.2	43.0	6.9	1	0	23	173	528	665	442	181	73	24	2	2
Sat 7 May 2022	1625	52.0	43.9	7.8	2	2	25	101	354	503	345	171	78	35	9	0
Sun 8 May 2022	1340	54.6	45.0	9.2	9	6	16	74	237	382	310	168	75	43	14	6
Mon 9 May 2022	1940	52.8	44.9	7.5	0	0	22	93	364	564	480	267	92	48	7	3
Tue 10 May 2022	1990	55.0	46.2	8.5	3	1	20	96	318	508	480	301	161	84	15	3
Wed 11 May 2022	1986	52.7	44.4	8.0	2	2	32	130	416	532	450	250	112	50	9	1
5 Day Ave.	2028	52.1	44.1	7.7	2	3	32	135	442	578	449	231	101	46	7	2
7 Day Ave.	1872	52.4	44.2	7.9	3	3	29	122	400	539	414	214	94	44	8	2

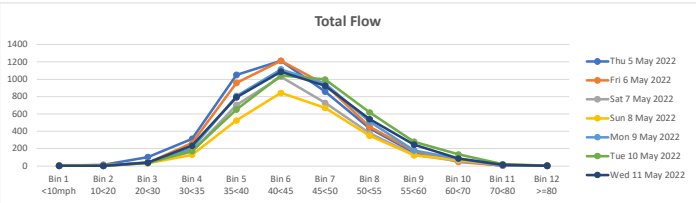
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Direction: Total Flow

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<30	Bin 4 30<35	Bin 5 35<40	Bin 6 40<45	Bin 7 45<50	Bin 8 50<55	Bin 9 55<60	Bin 10 60<70	Bin 11 70<80	Bin 12 >=80
Thu 5 May 2022	4205	50.7	42.9	7.5	3	14	102	312	1051	1211	859	435	152	62	4	0
Fri 6 May 2022	4093	50.9	43.7	6.9	1	0	35	263	959	1214	940	454	173	46	6	2
Sat 7 May 2022	3244	51.5	44.0	7.2	2	2	42	163	705	1030	728	377	127	56	12	0
Sun 8 May 2022	2778	53.1	44.7	8.1	9	8	31	129	525	842	669	349	125	68	17	6
Mon 9 May 2022	3898	52.1	44.6	7.3	0	1	40	201	807	1115	949	510	181	82	9	3
Tue 10 May 2022	3955	54.1	45.9	7.9	3	1	34	172	652	1043	997	617	280	134	19	3
Wed 11 May 2022	3967	52.7	44.8	7.6	2	2	38	233	791	1088	926	540	246	86	13	2
5 Day Ave.	4024	52.1	44.4	7.5	2	4	50	236	852	1134	934	511	206	82	10	2
7 Day Ave.	3734	52.2	44.4	7.5	3	4	46	210	784	1078	867	469	183	76	11	2

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## North Wales ATC 13, A548

Direction: Northbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<30	Bin 4 30<35	Bin 5 35<40	Bin 6 40<45	Bin 7 45<50	Bin 8 50<55	Bin 9 55<60	Bin 10 60<70	Bin 11 70<80	Bin 12 >=80
Thu 5 May 2022	288	50.2	43.0	6.9	0	0	5	17	81	91	45	37	8	4	0	0
Fri 6 May 2022	311	50.5	43.4	6.9	0	0	0	27	75	94	69	37	5	1	3	0
Sat 7 May 2022	294	49.3	42.9	6.1	0	0	7	13	64	118	52	34	6	0	0	0
Sun 8 May 2022	258	50.4	44.0	6.2	0	0	3	8	52	93	63	31	5	3	0	0
Mon 9 May 2022	311	47.7	41.4	6.1	0	0	11	20	95	105	58	19	3	0	0	0
Tue 10 May 2022	280	49.0	42.5	6.3	0	0	5	13	85	87	61	19	9	1	0	0
Wed 11 May 2022	278	52.6	45.3	7.1	0	0	1	11	56	78	61	45	21	5	0	0
5 Day Ave.	294	50.0	43.1	6.6	0	0	4	18	78	91	59	31	9	2	1	0
7 Day Ave.	289	49.9	43.2	6.5	0	0	5	16	73	95	58	32	8	2	0	0

360 TSL Ltd

Direction: Southbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<30	Bin 4 30<35	Bin 5 35<40	Bin 6 40<45	Bin 7 45<50	Bin 8 50<55	Bin 9 55<60	Bin 10 60<70	Bin 11 70<80	Bin 12 >=80
Thu 5 May 2022	280	47.8	39.8	7.7	1	3	19	27	95	77	38	11	8	1	0	0
Fri 6 May 2022	237	47.9	40.9	6.7	1	0	3	36	71	63	47	11	4	1	0	0
Sat 7 May 2022	244	51.1	42.7	8.1	2	1	4	19	61	67	56	22	8	3	1	0
Sun 8 May 2022	221	54.1	44.5	9.3	4	0	0	10	44	75	42	21	14	9	2	0
Mon 9 May 2022	234	49.2	42.2	6.8	0	0	6	22	56	80	45	16	7	2	0	0
Tue 10 May 2022	249	50.5	43.4	6.9	0	0	3	15	58	89	48	23	7	6	0	0
Wed 11 May 2022	243	52.8	43.4	9.1	1	1	9	19	57	63	39	30	18	4	2	0
5 Day Ave.	249	49.7	41.9	7.4	1	1	8	24	67	74	43	18	9	3	0	0
7 Day Ave.	244	50.5	42.4	7.8	1	1	6	21	63	73	45	19	9	4	1	0

360 TSL Ltd

Direction: Total Flow

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<30	Bin 4 30<35	Bin 5 35<40	Bin 6 40<45	Bin 7 45<50	Bin 8 50<55	Bin 9 55<60	Bin 10 60<70	Bin 11 70<80	Bin 12 >=80
Thu 5 May 2022	568	49.2	41.4	7.5	1	3	24	44	176	168	83	48	16	5	0	0
Fri 6 May 2022	548	49.4	42.3	6.9	1	0	3	63	146	157	116	48	9	2	3	0
Sat 7 May 2022	538	50.1	42.8	7.1	2	1	11	32	125	185	108	56	14	3	1	0
Sun 8 May 2022	479	52.2	44.2	7.8	4	0	3	18	96	168	105	52	19	12	2	0
Mon 9 May 2022	545	48.4	41.7	6.4	0	0	17	42	151	185	103	35	10	2	0	0
Tue 10 May 2022	529	49.7	42.9	6.6	0	0	8	28	143	176	109	42	16	7	0	0
Wed 11 May 2022	521	52.8	44.4	8.1	1	1	10	30	113	141	100	75	39	9	2	0
5 Day Ave.	542	49.9	42.6	7.1	1	1	12	41	146	165	102	50	18	5	1	0
7 Day Ave.	533	50.3	42.8	7.2	1	1	11	37	136	169	103	51	18	6	1	0

360 TSL Ltd



## North Wales ATC 13, A548

Direction: Northbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<30	Bin 4 30<35	Bin 5 35<40	Bin 6 40<45	Bin 7 45<50	Bin 8 50<55	Bin 9 55<60	Bin 10 60<70	Bin 11 70<80	Bin 12 >=80
Thu 5 May 2022	326	49.9	42.8	6.8	0	0	2	28	98	83	66	34	12	3	0	0
Fri 6 May 2022	321	49.4	42.7	6.4	0	0	3	30	81	95	69	33	10	0	0	0
Sat 7 May 2022	257	49.6	43.3	6.1	0	0	2	7	77	79	57	25	9	1	0	0
Sun 8 May 2022	243	52.0	44.7	7.1	0	0	0	9	50	83	60	28	5	5	3	0
Mon 9 May 2022	312	50.0	43.2	6.6	0	0	0	30	68	107	68	25	8	6	0	0
Tue 10 May 2022	301	50.6	44.3	6.0	0	0	1	12	61	96	78	42	10	1	0	0
Wed 11 May 2022	306	50.8	43.7	6.9	0	0	0	23	71	96	70	27	14	4	1	0
5 Day Ave.	313	50.1	43.3	6.5	0	0	1	25	76	95	70	32	11	3	0	0
7 Day Ave.	295	50.3	43.5	6.6	0	0	1	20	72	91	67	31	10	3	1	0

360 TSL Ltd

Direction: Southbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<30	Bin 4 30<35	Bin 5 35<40	Bin 6 40<45	Bin 7 45<50	Bin 8 50<55	Bin 9 55<60	Bin 10 60<70	Bin 11 70<80	Bin 12 >=80
Thu 5 May 2022	268	49.3	42.1	7.0	0	1	7	27	63	89	54	15	10	2	0	0
Fri 6 May 2022	290	49.5	42.9	6.3	0	0	4	17	68	107	66	16	8	4	0	0
Sat 7 May 2022	266	52.4	43.8	8.3	0	0	4	24	61	77	55	19	16	7	3	0
Sun 8 May 2022	267	52.7	44.1	8.4	2	0	2	20	51	79	66	31	10	2	3	1
Mon 9 May 2022	288	51.6	43.8	7.5	0	0	6	13	67	94	55	34	14	4	0	1
Tue 10 May 2022	276	53.9	45.1	8.4	2	0	2	16	48	71	73	38	16	9	0	1
Wed 11 May 2022	268	50.3	42.5	7.5	0	0	3	33	78	57	60	27	6	3	0	1
5 Day Ave.	278	50.9	43.3	7.4	0	0	4	21	65	84	62	26	11	4	0	1
7 Day Ave.	275	51.4	43.5	7.6	1	0	4	21	62	82	61	26	11	4	1	1

360 TSL Ltd

Direction: Total Flow

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<30	Bin 4 30<35	Bin 5 35<40	Bin 6 40<45	Bin 7 45<50	Bin 8 50<55	Bin 9 55<60	Bin 10 60<70	Bin 11 70<80	Bin 12 >=80
Thu 5 May 2022	594	49.7	42.5	6.9	0	1	9	55	161	172	120	49	22	5	0	0
Fri 6 May 2022	611	49.4	42.8	6.4	0	0	7	47	149	202	135	49	18	4	0	0
Sat 7 May 2022	523	51.1	43.5	7.3	0	0	6	31	138	156	112	44	25	8	3	0
Sun 8 May 2022	510	52.4	44.3	7.8	2	0	2	29	101	162	126	59	15	7	6	1
Mon 9 May 2022	600	50.8	43.5	7.0	0	0	6	43	135	201	123	59	22	10	0	1
Tue 10 May 2022	577	52.2	44.7	7.3	2	0	3	28	109	167	151	80	26	10	0	1
Wed 11 May 2022	574	50.6	43.1	7.2	0	0	3	56	149	153	130	54	20	7	1	1
5 Day Ave.	591	50.5	43.3	7.0	0	0	6	46	141	179	132	58	22	7	0	1
7 Day Ave.	570	50.9	43.5	7.1	1	0	5	41	135	173	128	56	21	7	1	1

360 TSL Ltd



# North Wales ATC 13, A548

Direction: Northbound

05/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	1	1	0	0	0
01:00	1	1	0	0	0
02:00	3	1	2	0	0
03:00	0	0	0	0	0
04:00	1	1	0	0	0
05:00	9	8	1	0	0
06:00	37	21	16	0	0
07:00	100	74	25	0	1
08:00	160	135	23	0	2
09:00	155	120	29	3	3
10:00	155	120	34	0	1
11:00	133	103	29	0	1
12:00	155	125	26	1	3
13:00	133	100	30	2	1
14:00	153	117	33	1	2
15:00	173	139	33	1	0
16:00	228	186	38	0	4
17:00	176	147	28	1	0
18:00	94	72	20	1	1
19:00	80	69	11	0	0
20:00	65	50	15	0	0
21:00	41	37	4	0	0
22:00	34	30	4	0	0
23:00	9	7	2	0	0
Total					
12H(7-19)	1815	1438	348	10	19
16H(6-22)	2038	1615	394	10	19
18H(6-24)	2081	1652	400	10	19
24H(0-24)	2096	1664	403	10	19
AM Peak	08:00	08:00	10:00	09:00	09:00
	160	135	34	3	3
PM Peak	16:00	16:00	16:00	13:00	16:00
	228	186	38	2	4

360 TSL Ltd

Direction: Southbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	2	1	1	0	0
01:00	1	1	0	0	0
02:00	2	2	0	0	0
03:00	0	0	0	0	0
04:00	3	2	0	0	1
05:00	3	3	0	0	0
06:00	28	17	9	2	0
07:00	112	90	18	1	3
08:00	266	230	34	0	2
09:00	167	125	36	3	3
10:00	160	133	25	1	1
11:00	120	96	22	1	1
12:00	130	105	24	1	0
13:00	152	123	25	2	2
14:00	130	103	26	1	0
15:00	138	107	30	0	1
16:00	166	134	30	1	1
17:00	170	138	29	1	2
18:00	119	96	22	1	0
19:00	93	81	12	0	0
20:00	68	60	8	0	0
21:00	35	32	3	0	0
22:00	30	27	3	0	0
23:00	14	13	1	0	0
Total					
12H(7-19)	1830	1480	321	13	16
16H(6-22)	2054	1670	353	15	16
18H(6-24)	2098	1710	357	15	16
24H(0-24)	2109	1719	358	15	17
AM Peak	08:00	08:00	09:00	09:00	07:00
	266	230	36	3	3
PM Peak	17:00	17:00	15:00	13:00	13:00
	170	138	30	2	2

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	3	2	1	0	0
01:00	2	2	0	0	0
02:00	5	3	2	0	0
03:00	0	0	0	0	0
04:00	4	3	0	0	1
05:00	12	11	1	0	0
06:00	65	38	25	2	0
07:00	212	164	43	1	4
08:00	426	365	57	0	4
09:00	322	245	65	6	6
10:00	315	253	59	1	2
11:00	253	199	51	1	2
12:00	285	230	50	2	3
13:00	285	223	55	4	3
14:00	283	220	59	2	2
15:00	311	246	63	1	1
16:00	394	320	68	1	5
17:00	346	285	57	2	2
18:00	213	168	42	2	1
19:00	173	150	23	0	0
20:00	133	110	23	0	0
21:00	76	69	7	0	0
22:00	64	57	7	0	0
23:00	23	20	3	0	0
Total					
12H(7-19)	3645	2918	669	23	35
16H(6-22)	4092	3285	747	25	35
18H(6-24)	4179	3362	757	25	35
24H(0-24)	4205	3383	761	25	36
AM Peak	08:00	08:00	09:00	09:00	09:00
	426	365	65	6	6
PM Peak	16:00	16:00	16:00	13:00	16:00
	394	320	68	4	5

360 TSL Ltd



# North Wales ATC 13, A548

Direction: Northbound

06/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	0	0	0	0	0
01:00	2	2	0	0	0
02:00	0	0	0	0	0
03:00	2	2	0	0	0
04:00	1	1	0	0	0
05:00	4	3	1	0	0
06:00	38	24	14	0	0
07:00	95	71	23	1	0
08:00	159	121	32	1	5
09:00	150	118	26	4	2
10:00	127	96	26	2	3
11:00	184	145	38	0	1
12:00	164	119	44	0	1
13:00	126	102	22	1	1
14:00	148	121	23	1	3
15:00	173	150	23	0	0
16:00	190	149	39	1	1
17:00	184	162	22	0	0
18:00	76	65	11	0	0
19:00	52	43	9	0	0
20:00	42	39	3	0	0
21:00	29	24	5	0	0
22:00	20	18	2	0	0
23:00	13	9	4	0	0
Total					
12H(7-19)	1776	1419	329	11	17
16H(6-22)	1937	1549	360	11	17
18H(6-24)	1970	1576	366	11	17
24H(0-24)	1979	1584	367	11	17
AM Peak	11:00 184	11:00 145	11:00 38	09:00 4	08:00 5
PM Peak	16:00 190	17:00 162	12:00 44	13:00 1	14:00 3

360 TSL Ltd

Direction: Southbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	3	1	2	0	0
01:00	1	1	0	0	0
02:00	0	0	0	0	0
03:00	3	1	0	2	0
04:00	2	1	0	0	1
05:00	3	1	2	0	0
06:00	31	22	8	1	0
07:00	111	81	24	2	4
08:00	238	211	25	1	1
09:00	164	122	36	2	4
10:00	117	91	23	1	2
11:00	120	96	22	1	1
12:00	137	108	29	0	0
13:00	171	136	31	1	3
14:00	139	113	25	0	1
15:00	151	119	28	0	4
16:00	171	133	31	2	5
17:00	167	134	30	1	2
18:00	135	110	24	0	1
19:00	93	75	18	0	0
20:00	55	49	6	0	0
21:00	47	42	5	0	0
22:00	36	32	4	0	0
23:00	19	17	2	0	0
Total					
12H(7-19)	1821	1454	328	11	28
16H(6-22)	2047	1642	365	12	28
18H(6-24)	2102	1691	371	12	28
24H(0-24)	2114	1696	375	14	29
AM Peak	08:00 238	08:00 211	09:00 36	03:00 2	07:00 4
PM Peak	13:00 171	13:00 136	13:00 31	16:00 2	16:00 5

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	3	1	2	0	0
01:00	3	3	0	0	0
02:00	0	0	0	0	0
03:00	5	3	0	2	0
04:00	3	2	0	0	1
05:00	7	4	3	0	0
06:00	69	46	22	1	0
07:00	206	152	47	3	4
08:00	397	332	57	2	6
09:00	314	240	62	6	6
10:00	244	187	49	3	5
11:00	304	241	60	1	2
12:00	301	227	73	0	1
13:00	297	238	53	2	4
14:00	287	234	48	1	4
15:00	324	269	51	0	4
16:00	361	282	70	3	6
17:00	351	296	52	1	2
18:00	211	175	35	0	1
19:00	145	118	27	0	0
20:00	97	88	9	0	0
21:00	76	66	10	0	0
22:00	56	50	6	0	0
23:00	32	26	6	0	0
Total					
12H(7-19)	3597	2873	657	22	45
16H(6-22)	3984	3191	725	23	45
18H(6-24)	4072	3267	737	23	45
24H(0-24)	4093	3280	742	25	46
AM Peak	08:00 397	08:00 332	09:00 62	09:00 6	08:00 6
PM Peak	16:00 361	17:00 296	12:00 73	16:00 3	16:00 6

360 TSL Ltd



# North Wales ATC 13, A548

Direction: Northbound

07/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	2	2	0	0	0
01:00	5	5	0	0	0
02:00	2	2	0	0	0
03:00	1	1	0	0	0
04:00	2	1	1	0	0
05:00	5	4	1	0	0
06:00	19	11	8	0	0
07:00	45	35	10	0	0
08:00	76	62	13	0	1
09:00	107	98	8	0	1
10:00	136	112	22	1	1
11:00	158	137	20	0	1
12:00	126	109	15	0	2
13:00	116	97	18	1	0
14:00	140	122	16	0	2
15:00	117	104	12	0	1
16:00	148	131	16	0	1
17:00	116	106	10	0	0
18:00	100	91	9	0	0
19:00	64	60	3	1	0
20:00	54	48	6	0	0
21:00	37	34	3	0	0
22:00	33	27	6	0	0
23:00	10	8	2	0	0
Total					
12H(7-19)	1385	1204	169	2	10
16H(6-22)	1559	1357	189	3	10
18H(6-24)	1602	1392	197	3	10
24H(0-24)	1619	1407	199	3	10
AM Peak	11:00 158	11:00 137	10:00 22	10:00 1	08:00 1
PM Peak	16:00 148	16:00 131	13:00 18	13:00 1	12:00 2

360 TSL Ltd

Direction: Southbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	3	2	1	0	0
01:00	5	3	2	0	0
02:00	1	1	0	0	0
03:00	2	1	1	0	0
04:00	2	1	0	0	1
05:00	2	1	1	0	0
06:00	12	10	2	0	0
07:00	45	34	9	0	2
08:00	64	44	14	1	5
09:00	85	70	15	0	0
10:00	105	87	16	0	2
11:00	139	111	25	0	3
12:00	168	138	29	0	1
13:00	142	109	30	0	3
14:00	134	109	22	1	2
15:00	132	105	26	0	1
16:00	137	107	25	3	2
17:00	123	100	21	1	1
18:00	96	83	13	0	0
19:00	88	74	13	1	0
20:00	54	41	13	0	0
21:00	44	38	6	0	0
22:00	30	28	2	0	0
23:00	12	8	4	0	0
Total					
12H(7-19)	1370	1097	245	6	22
16H(6-22)	1568	1260	279	7	22
18H(6-24)	1610	1296	285	7	22
24H(0-24)	1625	1305	290	7	23
AM Peak	11:00 139	11:00 111	11:00 25	08:00 1	08:00 5
PM Peak	12:00 168	12:00 138	13:00 30	16:00 3	13:00 3

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	5	4	1	0	0
01:00	10	8	2	0	0
02:00	3	3	0	0	0
03:00	3	2	1	0	0
04:00	4	2	1	0	1
05:00	7	5	2	0	0
06:00	31	21	10	0	0
07:00	90	69	19	0	2
08:00	140	106	27	1	6
09:00	192	168	23	0	1
10:00	241	199	38	1	3
11:00	297	248	45	0	4
12:00	294	247	44	0	3
13:00	258	206	48	1	3
14:00	274	231	38	1	4
15:00	249	209	38	0	2
16:00	285	238	41	3	3
17:00	239	206	31	1	1
18:00	196	174	22	0	0
19:00	152	134	16	2	0
20:00	108	89	19	0	0
21:00	81	72	9	0	0
22:00	63	55	8	0	0
23:00	22	16	6	0	0
Total					
12H(7-19)	2755	2301	414	8	32
16H(6-22)	3127	2617	468	10	32
18H(6-24)	3212	2688	482	10	32
24H(0-24)	3244	2712	489	10	33
AM Peak	11:00 297	11:00 248	11:00 45	08:00 1	08:00 6
PM Peak	12:00 294	12:00 247	13:00 48	16:00 3	14:00 4

360 TSL Ltd



# North Wales ATC 13, A548

Direction: Northbound

08/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	3	3	0	0	0
01:00	3	2	1	0	0
02:00	4	3	1	0	0
03:00	2	2	0	0	0
04:00	3	3	0	0	0
05:00	3	3	0	0	0
06:00	7	5	2	0	0
07:00	22	22	0	0	0
08:00	52	45	7	0	0
09:00	86	70	16	0	0
10:00	116	102	14	0	0
11:00	142	118	23	1	0
12:00	153	132	21	0	0
13:00	120	103	16	1	0
14:00	120	111	7	1	1
15:00	123	109	14	0	0
16:00	125	118	6	1	0
17:00	97	91	5	0	1
18:00	87	74	13	0	0
19:00	58	49	9	0	0
20:00	55	50	5	0	0
21:00	30	29	1	0	0
22:00	18	16	2	0	0
23:00	9	8	1	0	0
Total					
12H(7-19)	1243	1095	142	4	2
16H(6-22)	1393	1228	159	4	2
18H(6-24)	1420	1252	162	4	2
24H(0-24)	1438	1268	164	4	2
AM Peak	11:00	11:00	11:00	11:00	00:00
	142	118	23	1	0
PM Peak	12:00	12:00	12:00	13:00	14:00
	153	132	21	1	1

360 TSL Ltd

Direction: Southbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	15	12	3	0	0
01:00	7	5	2	0	0
02:00	2	2	0	0	0
03:00	2	2	0	0	0
04:00	1	0	1	0	0
05:00	1	1	0	0	0
06:00	7	7	0	0	0
07:00	28	25	3	0	0
08:00	39	25	12	1	1
09:00	57	43	14	0	0
10:00	89	68	18	1	2
11:00	132	104	27	1	0
12:00	135	111	23	1	0
13:00	129	102	25	1	1
14:00	150	125	23	0	2
15:00	117	92	25	0	0
16:00	113	94	19	0	0
17:00	79	59	20	0	0
18:00	84	66	17	0	1
19:00	55	42	13	0	0
20:00	51	40	11	0	0
21:00	23	20	3	0	0
22:00	16	14	1	0	1
23:00	8	7	1	0	0
Total					
12H(7-19)	1152	914	226	5	7
16H(6-22)	1288	1023	253	5	7
18H(6-24)	1312	1044	255	5	8
24H(0-24)	1340	1066	261	5	8
AM Peak	11:00	11:00	11:00	08:00	10:00
	132	104	27	1	2
PM Peak	14:00	14:00	13:00	12:00	14:00
	150	125	25	1	2

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	18	15	3	0	0
01:00	10	7	3	0	0
02:00	6	5	1	0	0
03:00	4	4	0	0	0
04:00	4	3	1	0	0
05:00	4	4	0	0	0
06:00	14	12	2	0	0
07:00	50	47	3	0	0
08:00	91	70	19	1	1
09:00	143	113	30	0	0
10:00	205	170	32	1	2
11:00	274	222	50	2	0
12:00	288	243	44	1	0
13:00	249	205	41	2	1
14:00	270	236	30	1	3
15:00	240	201	39	0	0
16:00	238	212	25	1	0
17:00	176	150	25	0	1
18:00	171	140	30	0	1
19:00	113	91	22	0	0
20:00	106	90	16	0	0
21:00	53	49	4	0	0
22:00	34	30	3	0	1
23:00	17	15	2	0	0
Total					
12H(7-19)	2395	2009	368	9	9
16H(6-22)	2681	2251	412	9	9
18H(6-24)	2732	2296	417	9	10
24H(0-24)	2778	2334	425	9	10
AM Peak	11:00	11:00	11:00	11:00	10:00
	274	222	50	2	2
PM Peak	12:00	12:00	12:00	13:00	14:00
	288	243	44	2	3

360 TSL Ltd



# North Wales ATC 13, A548

Direction: Northbound

09/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	2	2	0	0	0
01:00	2	2	0	0	0
02:00	1	0	1	0	0
03:00	4	4	0	0	0
04:00	4	3	1	0	0
05:00	12	9	2	1	0
06:00	34	25	9	0	0
07:00	110	82	26	0	2
08:00	162	131	27	2	2
09:00	125	98	24	1	2
10:00	144	103	37	1	3
11:00	167	138	27	1	1
12:00	139	104	31	1	3
13:00	136	108	24	0	4
14:00	145	107	36	1	1
15:00	167	137	25	2	3
16:00	204	157	41	2	4
17:00	176	157	19	0	0
18:00	75	66	9	0	0
19:00	61	52	9	0	0
20:00	49	45	4	0	0
21:00	19	15	4	0	0
22:00	16	16	0	0	0
23:00	4	3	1	0	0
Total					
12H(7-19)	1750	1388	326	11	25
16H(6-22)	1913	1525	352	11	25
18H(6-24)	1933	1544	353	11	25
24H(0-24)	1958	1564	357	12	25
AM Peak	11:00 167	11:00 138	10:00 37	08:00 2	10:00 3
PM Peak	16:00 204	16:00 157	16:00 41	15:00 2	13:00 4

360 TSL Ltd

Direction: Southbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	2	2	0	0	0
01:00	2	1	1	0	0
02:00	0	0	0	0	0
03:00	2	1	1	0	0
04:00	2	0	1	0	1
05:00	4	3	0	0	1
06:00	20	14	6	0	0
07:00	130	97	30	0	3
08:00	255	197	52	1	5
09:00	139	97	37	0	5
10:00	110	73	30	1	6
11:00	124	88	26	2	8
12:00	131	94	30	2	5
13:00	132	97	31	0	4
14:00	134	98	33	0	3
15:00	154	91	56	2	5
16:00	135	84	48	1	2
17:00	182	128	50	0	4
18:00	92	64	28	0	0
19:00	77	53	24	0	0
20:00	45	30	15	0	0
21:00	39	31	8	0	0
22:00	19	16	3	0	0
23:00	10	10	0	0	0
Total					
12H(7-19)	1718	1208	451	9	50
16H(6-22)	1899	1336	504	9	50
18H(6-24)	1928	1362	507	9	50
24H(0-24)	1940	1369	510	9	52
AM Peak	08:00 255	08:00 197	08:00 52	11:00 2	11:00 8
PM Peak	17:00 182	17:00 128	15:00 56	12:00 2	12:00 5

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	4	4	0	0	0
01:00	4	3	1	0	0
02:00	1	0	1	0	0
03:00	6	5	1	0	0
04:00	6	3	2	0	1
05:00	16	12	2	1	1
06:00	54	39	15	0	0
07:00	240	179	56	0	5
08:00	417	328	79	3	7
09:00	264	195	61	1	7
10:00	254	176	67	2	9
11:00	291	226	53	3	9
12:00	270	198	61	3	8
13:00	268	205	55	0	8
14:00	279	205	69	1	4
15:00	321	228	81	4	8
16:00	339	241	89	3	6
17:00	358	285	69	0	4
18:00	167	130	37	0	0
19:00	138	105	33	0	0
20:00	94	75	19	0	0
21:00	58	46	12	0	0
22:00	35	32	3	0	0
23:00	14	13	1	0	0
Total					
12H(7-19)	3468	2596	777	20	75
16H(6-22)	3812	2861	856	20	75
18H(6-24)	3861	2906	860	20	75
24H(0-24)	3898	2933	867	21	77
AM Peak	08:00 417	08:00 328	08:00 79	08:00 3	10:00 9
PM Peak	17:00 358	17:00 285	16:00 89	15:00 4	12:00 8

360 TSL Ltd



# North Wales ATC 13, A548

Direction: Northbound

10/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	4	2	2	0	0
01:00	1	1	0	0	0
02:00	0	0	0	0	0
03:00	0	0	0	0	0
04:00	2	2	0	0	0
05:00	11	7	4	0	0
06:00	41	27	14	0	0
07:00	107	86	21	0	0
08:00	169	135	31	2	1
09:00	134	110	20	2	2
10:00	157	118	35	0	4
11:00	123	95	27	0	1
12:00	166	136	28	0	2
13:00	117	84	29	1	3
14:00	141	106	32	0	3
15:00	160	120	34	1	5
16:00	210	160	47	0	3
17:00	176	136	37	1	2
18:00	98	70	28	0	0
19:00	67	48	17	0	2
20:00	38	28	10	0	0
21:00	27	22	5	0	0
22:00	10	8	2	0	0
23:00	6	6	0	0	0
Total					
12H(7-19)	1758	1356	369	7	26
16H(6-22)	1931	1481	415	7	28
18H(6-24)	1947	1495	417	7	28
24H(0-24)	1965	1507	423	7	28
AM Peak	08:00 169	08:00 135	10:00 35	08:00 2	10:00 4
PM Peak	16:00 210	16:00 160	16:00 47	13:00 1	15:00 5

360 TSL Ltd

Direction: Southbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	5	2	3	0	0
01:00	0	0	0	0	0
02:00	0	0	0	0	0
03:00	2	1	1	0	0
04:00	4	3	1	0	0
05:00	5	2	3	0	0
06:00	36	22	13	1	0
07:00	121	83	35	0	3
08:00	240	182	51	2	5
09:00	161	106	46	2	7
10:00	139	87	47	1	4
11:00	110	64	41	0	5
12:00	125	80	40	0	5
13:00	148	84	55	1	8
14:00	137	73	55	2	7
15:00	139	52	75	2	10
16:00	154	58	91	1	4
17:00	170	68	94	0	8
18:00	102	27	72	0	3
19:00	74	36	37	0	1
20:00	53	22	31	0	0
21:00	31	15	15	0	1
22:00	25	13	12	0	0
23:00	9	5	4	0	0
Total					
12H(7-19)	1746	964	702	11	69
16H(6-22)	1940	1059	798	12	71
18H(6-24)	1974	1077	814	12	71
24H(0-24)	1990	1085	822	12	71
AM Peak	08:00 240	08:00 182	08:00 51	08:00 2	09:00 7
PM Peak	17:00 170	13:00 84	17:00 94	14:00 2	15:00 10

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	9	4	5	0	0
01:00	1	1	0	0	0
02:00	0	0	0	0	0
03:00	2	1	1	0	0
04:00	6	5	1	0	0
05:00	16	9	7	0	0
06:00	77	49	27	1	0
07:00	228	169	56	0	3
08:00	409	317	82	4	6
09:00	295	216	66	4	9
10:00	296	205	82	1	8
11:00	233	159	68	0	6
12:00	291	216	68	0	7
13:00	265	168	84	2	11
14:00	278	179	87	2	10
15:00	299	172	109	3	15
16:00	364	218	138	1	7
17:00	346	204	131	1	10
18:00	200	97	100	0	3
19:00	141	84	54	0	3
20:00	91	50	41	0	0
21:00	58	37	20	0	1
22:00	35	21	14	0	0
23:00	15	11	4	0	0
Total					
12H(7-19)	3504	2320	1071	18	95
16H(6-22)	3871	2540	1213	19	99
18H(6-24)	3921	2572	1231	19	99
24H(0-24)	3955	2592	1245	19	99
AM Peak	08:00 409	08:00 317	08:00 82	08:00 4	09:00 9
PM Peak	16:00 364	16:00 218	16:00 138	15:00 3	15:00 15

360 TSL Ltd



# North Wales ATC 13, A548

Direction: Northbound

11/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	2	1	1	0	0
01:00	1	1	0	0	0
02:00	2	0	2	0	0
03:00	3	0	2	1	0
04:00	4	2	1	1	0
05:00	9	8	1	0	0
06:00	37	21	16	0	0
07:00	113	84	28	0	1
08:00	167	119	43	0	5
09:00	133	89	37	2	5
10:00	148	97	46	1	4
11:00	130	95	34	0	1
12:00	165	133	29	1	2
13:00	126	94	29	0	3
14:00	128	93	33	0	2
15:00	178	136	40	2	0
16:00	209	157	49	0	3
17:00	165	143	21	0	1
18:00	101	84	17	0	0
19:00	58	44	14	0	0
20:00	48	40	8	0	0
21:00	29	24	5	0	0
22:00	18	17	1	0	0
23:00	7	5	2	0	0
Total					
12H(7-19)	1763	1324	406	6	27
16H(6-22)	1935	1453	449	6	27
18H(6-24)	1960	1475	452	6	27
24H(0-24)	1981	1487	459	8	27
AM Peak	08:00 167	08:00 119	10:00 46	09:00 2	08:00 5
PM Peak	16:00 209	16:00 157	16:00 49	15:00 2	13:00 3

360 TSL Ltd

Direction: Southbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	4	0	3	0	1
01:00	3	2	1	0	0
02:00	1	0	0	1	0
03:00	6	0	5	1	0
04:00	2	0	2	0	0
05:00	4	3	0	0	1
06:00	28	18	9	1	0
07:00	124	68	52	1	3
08:00	252	140	103	0	9
09:00	151	51	89	1	10
10:00	106	31	67	0	8
11:00	137	108	27	1	1
12:00	129	103	22	0	4
13:00	128	106	20	1	1
14:00	144	106	36	0	2
15:00	124	99	22	2	1
16:00	172	146	26	0	0
17:00	164	121	42	0	1
18:00	110	94	15	0	1
19:00	81	70	11	0	0
20:00	51	43	8	0	0
21:00	34	28	6	0	0
22:00	19	18	1	0	0
23:00	12	9	3	0	0
Total					
12H(7-19)	1741	1173	521	6	41
16H(6-22)	1935	1332	555	7	41
18H(6-24)	1966	1359	559	7	41
24H(0-24)	1986	1364	570	9	43
AM Peak	08:00 252	08:00 140	08:00 103	02:00 1	09:00 10
PM Peak	16:00 172	16:00 146	17:00 42	15:00 2	12:00 4

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	6	1	4	0	1
01:00	4	3	1	0	0
02:00	3	0	2	1	0
03:00	9	0	7	2	0
04:00	6	2	3	1	0
05:00	13	11	1	0	1
06:00	65	39	25	1	0
07:00	237	152	80	1	4
08:00	419	259	146	0	14
09:00	284	140	126	3	15
10:00	254	128	113	1	12
11:00	267	203	61	1	2
12:00	294	236	51	1	6
13:00	254	200	49	1	4
14:00	272	199	69	0	4
15:00	302	235	62	4	1
16:00	381	303	75	0	3
17:00	329	264	63	0	2
18:00	211	178	32	0	1
19:00	139	114	25	0	0
20:00	99	83	16	0	0
21:00	63	52	11	0	0
22:00	37	35	2	0	0
23:00	19	14	5	0	0
Total					
12H(7-19)	3504	2497	927	12	68
16H(6-22)	3870	2785	1004	13	68
18H(6-24)	3926	2834	1011	13	68
24H(0-24)	3967	2851	1029	17	70
AM Peak	08:00 419	08:00 259	08:00 146	09:00 3	09:00 15
PM Peak	16:00 381	16:00 303	16:00 75	15:00 4	12:00 6

360 TSL Ltd



North Wales ATC 13, A548

Direction: Northbound															
05/05/2022															
Hour Beginning	Total Volume	ESD Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-40	Bin 5 40-45	Bin 6 45-50	Bin 7 50-55	Bin 8 55-60	Bin 9 60-70	Bin 10 70-80	Bin 12 >80
00:00	1	-	25.6	-	0	0	1	0	0	0	0	0	0	0	0
01:00	1	-	42.5	-	0	0	0	0	0	1	0	0	0	0	0
02:00	3	40.8	7.2	0	0	1	0	2	0	0	0	0	0	0	0
03:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0
04:00	1	-	47.5	-	0	0	0	0	0	0	1	0	0	0	0
05:00	9	62.9	49.7	12.7	0	0	0	2	1	0	0	1	1	2	0
06:00	37	60.4	51.7	8.4	0	0	0	0	3	7	4	11	6	6	0
07:00	100	55.3	48.2	6.9	0	0	0	2	12	6	30	27	11	1	0
08:00	160	53.0	46.3	6.5	0	0	2	3	19	36	61	26	11	2	0
09:00	155	51.6	41.8	6.9	0	0	0	13	37	44	37	19	5	1	0
10:00	155	48.7	41.9	6.6	0	0	4	11	48	51	22	15	3	1	0
11:00	133	51.7	44.3	7.1	0	0	1	6	33	40	21	22	5	3	0
12:00	155	49.3	42.6	6.5	0	0	2	14	40	46	34	15	3	1	0
13:00	133	51.8	43.2	8.3	0	0	7	8	26	46	23	15	4	3	1
14:00	153	51.3	44.1	7.0	0	0	0	11	38	40	34	13	9	2	0
15:00	173	48.5	41.8	6.5	0	0	2	17	60	43	32	15	3	1	0
16:00	228	50.7	44.6	7.2	0	1	10	10	40	80	50	29	7	1	0
17:00	176	52.0	45.8	6.8	0	0	2	4	39	49	45	26	7	4	0
18:00	94	51.7	45.5	7.9	0	1	4	2	23	21	29	8	5	1	0
19:00	80	51.7	45.5	7.9	0	0	3	8	8	34	12	9	4	2	0
20:00	65	50.3	43.0	7.0	0	0	1	5	17	19	12	9	1	1	0
21:00	41	49.1	42.1	6.8	0	0	0	3	16	12	5	3	1	2	0
22:00	34	50.7	41.3	9.0	0	1	0	8	6	6	9	3	0	1	0
23:00	9	54.6	48.1	6.3	0	0	0	0	1	2	2	3	1	0	0
Total	288	50.2	43.0	6.9	0	0	5	17	81	91	45	37	8	4	0
2H(14-19)	326	49.9	42.8	6.8	0	0	2	28	98	83	66	34	12	3	0
12H(7-19)	1835	51.3	41.8	7.2	0	2	34	103	415	508	480	236	79	25	1
24H(0-24)	2096	51.5	43.9	7.4	0	3	40	127	469	589	465	277	87	38	1
AM Peak	08:00	05:00	06:00	05:00	00:00	00:00	10:00	09:00	10:00	10:00	08:00	07:00	07:00	06:00	00:00
PM Peak	16:00	23:00	23:00	22:00	12:00	16:00	16:00	15:00	15:00	16:00	16:00	16:00	14:00	17:00	13:00
	228	54.6	48.1	9.0	0	1	10	17	65	80	50	29	9	4	1

360 TSL Ltd

Direction: Southbound															
05/05/2022															
Hour Beginning	Total Volume	ESD Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-40	Bin 5 40-45	Bin 6 45-50	Bin 7 50-55	Bin 8 55-60	Bin 9 60-70	Bin 10 70-80	Bin 12 >80
00:00	2	43.7	40.0	3.5	0	0	0	0	1	1	0	0	0	0	0
01:00	1	-	52.5	0	0	0	0	0	0	1	0	0	1	0	0
02:00	2	42.5	42.5	0.0	0	0	0	0	0	2	0	0	0	0	0
03:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0
04:00	3	48.7	40.8	7.6	0	0	0	1	0	1	1	0	0	0	0
05:00	3	56.5	43.5	8.7	0	0	0	0	0	2	0	0	0	0	0
06:00	28	52.4	43.5	8.6	0	0	0	4	8	6	5	4	2	1	0
07:00	112	49.7	42.4	7.0	0	0	4	6	30	39	19	8	5	1	0
08:00	266	49.8	42.7	6.9	0	1	5	20	66	83	56	26	7	2	0
09:00	367	48.2	39.8	8.1	0	2	14	21	41	57	20	9	1	1	0
10:00	160	46.8	39.7	6.9	0	2	8	18	54	48	23	4	3	0	0
11:00	120	48.0	39.9	8.8	1	1	11	9	41	29	15	7	5	1	0
12:00	130	48.0	40.8	7.0	1	0	4	13	41	38	27	5	2	1	0
13:00	152	46.8	40.7	5.9	0	0	0	20	61	37	25	6	2	1	0
14:00	130	48.4	40.6	7.5	0	1	7	17	32	44	20	3	5	1	0
15:00	138	49.3	43.5	6.2	0	0	10	10	31	45	34	12	5	1	0
16:00	166	52.2	44.5	7.4	0	1	0	9	38	44	37	22	13	2	0
17:00	170	51.8	44.6	7.4	1	0	0	6	40	39	37	18	3	1	0
18:00	119	51.9	43.4	8.1	0	3	1	9	27	28	37	15	2	2	0
19:00	93	49.7	41.5	7.9	0	0	3	9	34	24	12	6	3	1	0
20:00	68	49.9	41.9	7.7	0	0	3	5	24	15	9	8	4	0	0
21:00	35	49.8	41.6	7.9	0	0	1	4	12	9	4	3	1	1	0
22:00	10	51.0	44.5	8.3	0	0	0	4	4	1	1	1	1	1	0
23:00	14	54.8	45.4	9.1	0	0	1	0	2	3	5	2	0	1	0
Total	280	47.8	39.8	7.7	1	3	19	27	95	77	38	11	8	1	0
2H(14-19)	368	49.3	42.1	7.0	0	1	7	27	61	89	54	15	10	2	0
12H(7-19)	1830	49.6	41.9	7.4	3	11	54	158	497	551	350	133	53	18	2
24H(0-24)	2109	49.8	42.0	7.5	3	11	62	185	582	622	394	158	61	24	3
AM Peak	08:00	05:00	05:00	05:00	11:00	09:00	09:00	09:00	08:00	08:00	08:00	08:00	08:00	09:00	00:00
PM Peak	16:00	23:00	23:00	22:00	12:00	18:00	14:00	13:00	13:00	17:00	16:00	16:00	16:00	17:00	17:00
	270	54.8	45.4	9.1	1	3	7	20	61	59	27	22	12	5	1

360 TSL Ltd

Direction: Total Flow															
Hour Beginning	Total Volume	ESD Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-40	Bin 5 40-45	Bin 6 45-50	Bin 7 50-55	Bin 8 55-60	Bin 9 60-70	Bin 10 70-80	Bin 12 >80
00:00	3	44.3	35.0	9.0	0	0	1	0	1	1	0	0	0	0	0
01:00	2	54.8	47.5	7.1	0	0	0	0	0	1	0	1	0	0	0
02:00	5	44.4	37.0	7.2	0	0	1	0	2	2	0	0	0	0	0
03:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0
04:00	4	49.8	42.5	7.1	0	0	0	0	1	2	2	0	0	0	0
05:00	12	61.1	49.2	11.5	0	0	0	2	1	2	0	3	2	2	0
06:00	60	57.9	46.2	9.4	0	0	0	4	11	13	7	15	8	7	0
07:00	212	53.0	45.2	7.5	0	0	4	4	42	54	49	35	16	4	0
08:00	426	51.2	44.0	6.9	0	1	7	23	85	139	117	52	18	4	0
09:00	322	49.8	41.7	7.8	0	2	14	34	78	98	57	28	6	4	1
10:00	315	47.9	40.8	6.8	0	2	12	29	102	99	45	19	6	1	0
11:00	352	50.7	42.2	8.2	1	1	12	15	74	69	38	19	10	4	0
12:00	265	48.8	41.8	6.8	1	0	6	27	81	84	61	18	5	2	0
13:00	285	49.4	42.5	6.9	0	0	7	28	97	84	48	21	6	4	0
14:00	281	50.2	42.5	7.5	0	1	7	18	70	84	54	22	14	3	0
15:00	311	49.2	42.5	6.4	0	0	2	27	95	86	66	27	8	2	0
16:00	394	51.4	43.8	7.3	0	2	10	18	78	124	87	51	10	3	0
17:00	346	51.9	44.4	7.2	1	0	2	10	79	108	82	44	10	9	1
18:00	213	51.8	41.4	8.0	0	4	5	11	43	49	66	23	7	1	0
19:00	173	50.7	42.4	7.9	0	0	6	17	42	58	24	15	7	3	1
20:00	133	50.1	42.5	7.3	0	0	4	10	41	34	21	17	5	1	0
21:00	76	49.4	41.9	7.3	0	0	1	7	28	21	9	4	2	2	0
22:00	64	51.9	42.8	8.7	0	1	0	12	10	14	19	4	1	3	0
23:00	23	54.8	46.4	8.1	0	0	1	0	3	5	7	3	1	1	0
Total	568	49.2	41.4	7.5	1	3	24	44	176	168	83	48	16	5	0
2H(14-19)	104	49.7	42.5	6.9	0	1	9	55	161	172	120	49	22	5	0
12H(7-19)	3645	50.5	42.9	7.4	3	13	88	259	912	1059	770	369	126	48	3
24H(0-24)	4205	50.7	42.9	7.5	3	14	102	312	1051	1211	859	435	152	62	4
AM Peak	08:00	55.00	45.00	6.00	11.00	0.00	0.00	10.00	10.00	18.00	18.00	0.00	0.00	0.00	00.00
PM Peak	16:00	61.1	49.2	11.5	0	0	4	11	13	17	15	8	7	0	0
PM Peak	17:00	29.00	28.00	12.00	18.00	18.00	13.00	15.00	16.00	16.00	16.00	17.00	13.00	12.00	0
AM Peak	3:00	54.8	46.4	8.1	1	4	10	29	85	134	87	51	20	9	1



North Wales ATC 13, A548

Direction: Northbound

06/05/2022														
Hour Beginning	Total Volume	ECN Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-40	Bin 5 40-50	Bin 6 50-60	Bin 7 60-70	Bin 8 70-80	Bin 9 80-90	Bin 10 90-100
00:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0
01:00	2	53.7	50.0	3.5	0	0	0	0	0	0	1	1	0	0
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	2	69.1	56.3	12.4	0	0	0	0	0	0	1	0	0	1
04:00	1	-	-	-	0	0	0	0	0	0	0	1	0	0
05:00	4	64.6	50.6	13.4	0	0	0	1	0	0	2	0	1	0
06:00	38	61.0	51.2	9.5	0	0	1	0	4	2	10	9	7	4
07:00	95	57.4	49.7	7.5	0	0	0	1	5	15	29	23	7	0
08:00	159	51.8	45.0	6.5	0	0	2	6	23	53	41	24	9	1
09:00	150	50.0	43.4	6.4	0	0	2	4	45	42	37	11	9	0
10:00	127	49.5	43.1	6.2	0	0	0	12	31	33	33	16	2	0
11:00	184	51.1	43.5	7.3	0	0	0	15	44	61	36	21	3	1
12:00	164	50.4	44.1	6.1	0	0	0	3	48	47	36	21	9	0
13:00	126	50.7	43.8	6.6	0	0	1	7	31	34	30	18	4	1
14:00	148	48.0	41.7	6.1	0	0	1	16	40	37	34	7	4	0
15:00	173	50.4	43.6	6.6	0	0	2	14	32	58	35	26	6	0
16:00	190	51.9	45.1	6.5	0	0	1	3	40	53	34	24	10	0
17:00	184	51.0	45.3	5.5	0	0	0	1	32	56	60	29	5	1
18:00	76	52.8	45.9	6.6	0	0	0	0	15	23	19	12	5	2
19:00	52	54.5	47.5	6.7	0	0	0	0	6	7	18	14	4	1
20:00	42	51.2	44.9	6.1	0	0	0	0	1	9	12	11	7	2
21:00	29	50.1	42.2	7.6	0	0	0	2	1	9	6	7	3	1
22:00	20	48.4	43.3	4.9	0	0	0	0	6	7	5	2	0	0
23:00	13	54.3	46.3	7.7	0	0	0	1	2	3	1	5	1	0
Total														
2016-13-1	311	50.5	43.4	6.9	0	0	0	27	75	94	69	37	5	1
2016-14-1	321	49.4	42.7	6.4	0	0	3	30	81	95	69	33	10	0
12H07-10	1776	51.2	44.8	6.7	0	0	9	84	395	512	444	230	84	31
24H00-24	9779	51.7	44.6	6.8	0	0	12	90	431	549	498	273	100	22
AM Peak	11:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00
	184	69.1	57.5	13.4	0	0	2	15	45	61	41	24	15	7
PM Peak	16:00	19:00	19:00	23:00	12:00	12:00	15:00	14:00	14:00	15:00	17:00	17:00	16:00	12:00
	100	54.5	47.5	7.7	0	0	2	16	49	58	60	29	13	2

360 TSL Ltd

Direction: Southbound

06/05/2022														
Hour Beginning	Total Volume	ECN Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-40	Bin 5 40-50	Bin 6 50-60	Bin 7 60-70	Bin 8 70-80	Bin 9 80-90	Bin 10 90-100
00:00	3	45.2	39.2	5.8	0	0	0	1	0	2	0	0	0	0
01:00	1	-	37.5	-	0	0	0	0	0	0	0	0	0	0
02:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0
03:00	3	49.2	39.2	5.8	0	0	0	1	0	1	0	0	0	0
04:00	2	47.5	47.5	0.0	0	0	0	0	0	0	2	0	0	0
05:00	3	57.2	44.2	12.6	0	0	0	1	0	1	0	0	0	0
06:00	31	55.8	47.2	8.3	0	0	0	1	3	10	8	6	1	1
07:00	111	50.5	44.1	6.1	0	0	0	3	30	32	26	14	6	0
08:00	238	49.8	41.8	6.9	0	0	3	30	60	72	35	21	7	0
09:00	164	49.5	41.4	7.9	0	0	0	30	46	52	23	4	7	0
10:00	117	46.6	41.2	7.2	0	0	2	15	31	34	23	6	2	0
11:00	120	47.1	40.7	6.2	0	0	1	21	38	29	24	5	2	0
12:00	137	51.2	43.7	7.2	0	0	0	10	37	38	31	8	10	3
13:00	171	48.2	41.0	6.8	0	0	6	16	61	44	25	12	4	1
14:00	139	50.1	42.4	7.4	0	0	3	13	39	40	29	7	4	4
15:00	151	49.8	41.4	6.2	0	0	1	4	29	67	37	9	4	0
16:00	171	49.8	43.6	6.0	0	0	1	7	42	55	42	19	4	1
17:00	187	48.9	44.2	5.5	0	0	3	6	36	71	39	17	1	0
18:00	135	51.8	45.9	7.6	0	0	2	2	29	40	36	15	11	6
19:00	93	51.7	45.5	6.0	0	0	0	2	15	28	25	20	2	1
20:00	55	50.2	43.5	6.5	0	0	1	3	13	14	8	1	0	0
21:00	47	51.6	43.9	7.3	0	0	0	4	9	19	6	4	4	1
22:00	16	55.4	46.7	8.5	0	0	0	2	5	9	11	1	0	0
23:00	19	54.3	46.1	8.0	0	0	0	1	3	5	6	3	2	1
Total														
2016-10-12	237	47.9	40.9	6.7	1	0	3	36	71	63	47	11	4	1
2016-14-1	290	49.5	42.9	6.3	0	0	4	17	68	102	66	16	8	4
12H07-10	1821	49.7	42.6	6.8	1	0	22	157	479	574	370	137	62	1
24H00-24	2114	50.2	43.0	6.9	1	0	23	175	528	665	442	181	73	2
AM Peak	08:00	05:00	04:00	05:00	10:00	00:00	08:00	08:00	08:00	08:00	08:00	08:00	06:00	06:00
	188	57.2	47.6	12.8	1	0	3	39	69	72	35	21	7	1
PM Peak	13:00	22:00	23:00	22:00	13:00	13:00	13:00	13:00	17:00	16:00	19:00	18:00	12:00	12:00
	171	55.4	46.7	8.5	0	0	6	16	63	71	42	20	11	6

360 TSL Ltd

Direction: Total Flow

06/05/2022														
Hour Beginning	Total Volume	ECN Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-40	Bin 5 40-50	Bin 6 50-60	Bin 7 60-70	Bin 8 70-80	Bin 9 80-90	Bin 10 90-100
00:00	3	45.2	39.2	5.8	0	0	0	1	0	2	0	0	0	0
01:00	3	53.7	45.8	7.6	0	0	0	0	1	0	1	1	0	0
02:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0
03:00	5	58.4	46.0	11.9	0	0	0	1	0	2	1	0	0	1
04:00	3	56.8	50.8	5.8	0	0	0	0	0	1	0	1	0	0
05:00	7	60.8	47.9	12.5	0	0	0	2	0	1	0	2	1	1
06:00	69	58.9	48.4	9.2	0	0	1	7	11	18	15	8	5	2
07:00	206	54.3	46.7	7.3	0	0	6	35	47	55	35	21	7	0
08:00	397	50.2	43.0	6.9	0	0	5	36	92	125	76	46	16	1
09:00	314	49.8	42.3	7.3	0	0	2	34	64	60	45	16	0	0
10:00	244	49.2	42.2	6.8	1	0	2	27	64	67	56	22	4	1
11:00	304	49.6	41.4	7.0	0	0	2	36	82	90	60	26	5	1
12:00	301	50.8	43.9	6.6	0	0	0	13	85	85	67	29	10	3
13:00	297	49.3	42.2	6.9	0	0	9	23	61	76	55	30	8	2
14:00	287	49.0	42.0	6.8	0	0	4	29	88	77	63	34	8	4
15:00	324	49.7	43.5	6.0	0	0	3	18	61	125	72	35	10	0
16:00	361	51.0	44.4	6.3	0	0	2	10	82	108	96	43	17	3
17:00	351	50.1	44.3	5.6	0	0	3	7	62	127	99	46	6	1
18:00	211	51.4	45.9	7.2	0	0	2	3	38	63	55	27	16	0
19:00	145	52.8	46.3	6.3	0	0	0	4	21	35	43	34	6	2
20:00	97	50.6	44.1	6.3	0	0	1	4	22	27	25	15	3	0
21:00	76	51.0	43.3	7.5	0	0	2	3	18	25	13	7	5	1
22:00	16	53.2	48.4	7.5	0	0	0	2	11	16	16	7	0	4
23:00	12	54.2	46.2	7.7	0	0	0	2	5	8	7	6	3	1
Total														
2016-10-12	548	49.4	42.3	6.9	1	0	3	63	146	157	116	48	9	2
2016-14-1	611	49.4	42.8	6.4	0	0	7	47	149	202	135	49	18	4
12H07-10	3937	50.5	43.5	6.8	1	0	13	241	874	1086	814	367	146	31
24H00-24	4093	50.9	43.7	6.9	1	0	35	263	959	1214	940	454	173	46
AM Peak	08:00	05:00	04:00	05:00	10:00	00:00	08:00	08:00	08:00	08:00	08:00	07:00	11:00	09:00
	397	60.8	50.8	12.5	1	0	5	36	92	125	76	46	21	7
PM Peak	16:00	23:00	19:00	23:00	12:00	12:00	13:00	14:00	13:00	17:00	17:00	17:00	18:00	12:00
	361	54.2	46.3	12.7	0	0	7	29	74	127	99	46	19	8



North Wales ATC 13, A548

07/05/2022																
Direction: Northbound																
Hour Beginning	Total Volume	ECN Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-40	Bin 5 40-50	Bin 6 50-60	Bin 7 60-70	Bin 8 70-80	Bin 9 80-90	Bin 10 90-100	Bin 11 100-110	Bin 12 >110
00:00	2	47.5	47.5	5.0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	5	52.7	47.5	5.0	0	0	0	0	0	2	1	2	0	0	0	0
02:00	2	49.8	42.5	7.1	0	0	0	0	0	1	0	1	0	0	0	0
03:00	1	-	52.5	-	0	0	0	0	0	0	0	1	0	0	0	0
04:00	2	53.7	50.0	3.5	0	0	0	0	0	0	1	1	0	0	0	0
05:00	5	62.1	52.0	8.7	0	0	0	0	0	0	2	0	1	1	0	0
06:00	19	55.0	45.4	9.3	0	0	1	1	3	4	4	4	1	1	0	0
07:00	45	52.4	46.0	6.2	0	0	1	1	3	13	16	9	2	0	0	0
08:00	76	52.7	46.3	6.2	0	0	0	0	11	25	18	18	2	2	0	0
09:00	107	51.6	46.3	6.5	0	0	0	0	8	23	26	32	13	4	0	0
10:00	136	49.2	42.6	6.4	0	0	4	4	28	55	27	14	2	0	0	0
11:00	158	49.3	43.1	6.0	0	0	1	9	36	61	25	20	4	0	0	0
12:00	126	51.4	46.9	6.3	0	0	2	4	20	34	42	21	2	1	0	0
13:00	116	50.2	43.0	7.0	0	0	3	5	30	39	22	14	2	0	1	0
14:00	140	48.8	45.0	5.6	0	0	0	6	42	42	34	14	2	0	0	0
15:00	117	50.6	43.6	6.7	0	0	2	1	35	37	23	11	7	1	0	0
16:00	146	46.5	45.3	5.1	0	0	0	5	32	60	39	11	0	0	0	0
17:00	116	51.3	45.6	7.5	0	0	0	9	30	39	19	10	4	5	0	0
18:00	100	52.0	44.9	6.9	0	0	0	1	26	30	22	13	5	3	0	0
19:00	64	54.2	46.7	7.2	0	0	0	1	8	19	20	9	5	1	1	0
20:00	54	53.4	46.1	7.0	0	0	0	3	5	17	16	8	3	2	0	0
21:00	37	51.6	44.9	5.8	0	0	0	2	5	11	12	6	1	0	0	0
22:00	33	53.9	43.8	9.7	0	0	1	2	11	7	5	4	1	1	1	0
23:00	10	57.4	48.3	8.8	0	0	0	0	2	2	2	1	1	0	0	0
Total	204	49.3	42.9	6.1	0	0	7	13	64	138	52	34	6	0	0	0
2H(14-16)	257	49.6	43.3	6.1	0	0	2	7	77	79	57	25	9	1	0	0
12H(7-19)	1385	50.4	43.8	6.4	0	0	15	33	338	463	333	168	36	14	1	0
24H(0-24)	1610	51.0	46.1	6.6	0	0	17	62	351	527	383	206	49	21	3	0
AM Peak	11:00	05:00	03:00	05:00	00:00	00:00	10:00	11:00	11:00	11:00	09:00	11:00	09:00	08:00	00:00	00:00
	158	62.1	52.5	9.7	0	0	6	9	36	63	32	20	4	2	0	0
PM Peak	16:00	23:00	23:00	22:00	12:00	12:00	13:00	17:00	14:00	16:00	12:00	12:00	15:00	17:00	13:00	12:00
	148	57.4	48.3	9.7	0	0	3	9	42	60	42	21	7	5	1	0

360 TSL Ltd

Direction: Southbound

07/05/2022																
Direction: Southbound																
Hour Beginning	Total Volume	ECN Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-40	Bin 5 40-50	Bin 6 50-60	Bin 7 60-70	Bin 8 70-80	Bin 9 80-90	Bin 10 90-100	Bin 11 100-110	Bin 12 >110
00:00	3	47.2	44.2	2.9	0	0	0	0	0	2	1	0	0	0	0	0
01:00	5	50.3	43.5	6.5	0	0	0	0	0	1	1	1	0	0	0	0
02:00	1	-	47.5	-	0	0	0	0	0	0	1	0	0	0	0	0
03:00	2	43.7	46.0	3.5	0	0	0	0	0	1	0	0	0	0	0	0
04:00	2	49.8	42.5	7.1	0	0	0	0	1	0	1	0	0	0	0	0
05:00	2	49.7	46.0	3.5	0	0	0	0	1	1	0	0	0	0	0	0
06:00	12	57.5	51.0	6.3	0	0	0	0	0	2	3	5	1	1	0	0
07:00	45	50.8	43.7	6.8	0	0	2	1	7	17	11	5	2	0	0	0
08:00	64	52.0	44.8	6.9	0	0	1	0	16	17	8	4	1	0	0	0
09:00	85	52.2	43.9	8.0	0	0	0	6	26	22	13	12	1	5	0	0
10:00	105	50.2	43.9	7.0	0	0	1	7	29	31	22	10	4	1	0	0
11:00	139	51.7	42.6	8.8	2	0	4	12	32	36	34	12	4	2	1	0
12:00	168	50.0	43.2	6.6	0	0	1	10	40	64	29	18	4	1	1	0
13:00	142	50.4	42.3	7.9	0	1	5	11	34	50	24	8	7	1	1	0
14:00	134	52.5	43.7	8.5	0	0	2	13	33	35	31	5	10	3	2	0
15:00	152	52.3	45.9	8.5	0	0	2	11	28	42	24	14	6	4	1	0
16:00	137	51.6	44.2	7.1	0	0	4	5	27	42	32	18	8	1	0	0
17:00	123	52.6	44.1	8.1	0	0	2	9	26	37	27	11	6	0	0	0
18:00	96	52.4	44.8	7.3	0	0	8	15	28	28	10	3	4	0	0	0
19:00	88	52.8	45.4	7.2	0	0	1	1	18	28	19	11	6	2	0	0
20:00	54	54.6	46.2	8.2	0	0	1	3	6	17	10	9	6	2	0	0
21:00	44	50.9	44.0	6.6	0	0	0	2	9	18	8	4	2	1	0	0
22:00	30	54.2	45.8	8.2	0	0	0	2	3	12	5	6	1	1	0	0
23:00	12	64.3	55.2	8.8	0	0	0	0	0	4	4	1	2	1	0	0
Total	244	51.1	42.7	8.1	2	1	4	19	61	67	56	22	8	3	1	0
2H(14-16)	266	52.4	43.8	8.3	0	0	4	24	61	77	55	19	16	7	3	0
12H(7-19)	1370	51.6	43.6	7.7	2	2	23	93	313	421	292	131	59	27	7	0
24H(0-24)	1625	52.6	43.9	7.8	2	2	25	101	354	501	345	171	76	35	9	0
AM Peak	11:00	05:00	05:00	11:00	11:00	10:00	11:00	11:00	11:00	11:00	09:00	08:00	09:00	11:00	00:00	00:00
	139	57.5	51.8	8.8	2	1	4	19	32	36	34	12	4	2	1	0
PM Peak	12:00	23:00	23:00	22:00	12:00	13:00	13:00	14:00	12:00	13:00	16:00	12:00	14:00	15:00	14:00	12:00
	168	64.3	55.2	8.8	0	1	5	19	40	64	32	18	10	4	2	0

360 TSL Ltd

Direction: Total Flow

Hour	Total Volume	ECN Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-40	Bin 5 40-50	Bin 6 50-60	Bin 7 60-70	Bin 8 70-80	Bin 9 80-90	Bin 10 90-100	Bin 11 100-110	Bin 12 >110	
00:00	5	48.3	45.5	2.7	0	0	0	0	0	2	3	2	1	0	0	0	
01:00	10	51.6	45.5	5.9	0	0	0	0	0	2	3	2	1	0	0	0	
02:00	3	50.2	44.2	5.8	0	0	0	0	0	1	0	2	0	0	0	0	
03:00	3	52.1	44.2	7.6	0	0	0	0	0	1	0	1	0	0	0	0	
04:00	4	52.8	46.3	6.3	0	0	0	0	0	2	1	0	0	0	0	0	
05:00	7	58.9	48.6	10.0	0	0	0	0	1	3	0	1	1	1	0	0	
06:00	11	56.5	47.6	8.6	0	0	1	1	9	6	7	9	2	2	0	0	
07:00	30	51.7	44.9	6.6	0	0	3	2	10	30	27	14	4	0	0	0	
08:00	140	52.4	45.6	6.5	0	0	1	0	27	42	35	26	6	3	0	0	
09:00	192	51.5	44.1	7.2	0	0	4	10	68	45	25	5	6	0	0	0	
10:00	241	49.7	42.8	6.6	0	1	6	11	57	86	49	24	6	1	0	0	
11:00	307	50.2	42.9	7.4	0	0	5	21	68	99	59	32	8	2	1	0	
12:00	204	50.6	43.9	6.5	0	0	3	14	60	98	71	39	6	2	1	0	
13:00	258	50.4	42.6	7.5	0	0	1	8	16	64	89	46	22	9	1	0	
14:00	274	50.8	43.3	7.2	0	0	2	19	75	77	65	29	12	3	2	0	
15:00	249	51.5	43.8	7.5	0	0	4	12	63	79	47	25	13	5	1	0	
16:00	385	50.1	43.7	6.2	0	0	4	10	59	102	71	39	8	2	0	0	
17:00	239	52.0	43.9	7.8	0	0	2	18	56	76	46	21	10	9	1	0	
18:00	196	52.2	44.9	7.1	0	0	0	9	41	58	50	23	8	0	0	0	
19:00	152	53.4	45.9	7.2	0	0	1	2	26	47	39	20	13	3	1	0	
20:00	108	54.0	46.1	7.6	0	0	1	6	11	34	26	17	9	4	0	0	
21:00	61	58.0	46.3	6.3	0	0	0	4	14	29	20	10	1	0	0	0	
22:00	63	54.1	44.7	8.0	0	0	0	4	14	19	10	10	2	1	2	0	
23:00	27	61.7	52.0	9.3	0	0	0	2	7	2	6	6	2	3	1	0	
Total																	
AMHS 2012	538	50.1	42.8	7.1	0	1	11	32	125	185	108	54	24	3	3	0	
PAHS 2010	323	51.1	45.5	7.3	0	0	6	31	138	156	112	46	15	8	1	0	
PAHS 2011	375	51.5	45.7	7.1	0	2	8	38	146	129	884	81	28	10	1	0	
AMHS 2014	1344	51.5	44.0	7.2	0	2	18	442	163	705	1030	728	337	127	56	12	0
Hour	10:00	05:00	05:00	05:00	11:00	10:00	10:00	11:00	10:00	14:00	11:00	11:00	11:00	09:00	11:00	00:00	
PAHS 2010	297	58.3	48.6	10.8	2	5	6	21	68	99	59	32	8	6	1	0	
Hour	12:00	23:00	23:00	23:00	12:00	11:00	11:00	11:00	14:00	16:00	12:00	15:00	15:00	17:00	13:00	12:00	
PAHS 2010	241	61.7	52.0	9.3	0	0	0	0	2	7	2	6	6	2	3	1	0



North Wales ATC 13, A548

Direction: Northbound																08/05/2022
Hour Beginning	Total Volume	ECN Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-40	Bin 5 40-50	Bin 6 50-60	Bin 7 60-70	Bin 8 70-80	Bin 9 80-90	Bin 10 90-100	Bin 11 100-110	Bin 12 >110
00:00	3	55.2	45.2	5.8	0	0	0	0	0	0	0	0	0	0	0	0
01:00	3	57.9	47.5	10.0	0	0	0	0	1	1	1	0	1	0	0	0
02:00	4	60.5	48.1	12.0	0	0	0	0	1	1	0	0	1	0	0	0
03:00	2	54.8	47.5	7.1	0	0	0	0	0	1	0	1	0	0	0	0
04:00	3	63.9	51.7	11.8	0	0	0	0	0	1	1	0	0	1	0	0
05:00	3	52.7	48.2	2.9	0	0	0	0	0	0	2	1	0	0	0	0
06:00	7	54.7	48.9	5.6	0	0	0	0	1	0	2	4	0	0	0	0
07:00	22	58.2	45.3	12.4	0	1	1	1	4	3	5	3	1	3	0	0
08:00	52	51.3	44.1	6.9	0	0	1	1	12	18	9	9	1	1	0	0
09:00	86	51.9	41.5	8.1	0	0	2	6	21	27	16	6	4	0	0	0
10:00	116	49.2	43.2	5.7	0	0	1	4	26	47	26	9	2	1	0	0
11:00	142	51.2	44.5	6.5	0	0	2	4	36	46	37	22	1	2	0	0
12:00	153	49.3	43.3	5.8	0	0	2	4	36	57	35	15	4	0	0	0
13:00	120	52.1	44.9	6.9	0	0	3	3	19	33	40	15	5	2	0	0
14:00	120	52.4	44.5	6.7	0	0	0	4	26	42	26	16	4	1	1	0
15:00	123	52.6	44.9	7.5	0	0	0	5	24	41	34	12	1	4	2	0
16:00	125	50.8	45.8	6.7	0	0	0	9	26	39	32	15	4	1	0	0
17:00	97	51.7	44.8	6.7	0	0	0	3	21	31	22	13	5	2	0	0
18:00	87	51.1	44.8	6.1	0	0	1	2	15	26	27	12	4	0	0	0
19:00	58	52.9	46.9	5.8	0	0	0	0	5	19	17	13	3	1	0	0
20:00	55	50.6	43.3	7.0	0	0	0	5	15	15	11	4	5	0	0	0
21:00	30	51.8	42.6	8.9	0	0	2	3	7	6	7	3	1	2	0	0
22:00	18	51.9	46.4	5.3	0	0	0	0	2	5	7	3	1	0	0	0
23:00	9	55.1	44.7	10.0	0	0	0	3	0	1	1	3	1	0	0	0
Total	258	50.4	44.0	6.2	0	0	3	8	52	93	63	31	5	3	0	0
2H(14-16)	243	52.0	44.7	7.1	0	0	0	9	50	83	60	28	5	5	3	0
12H(7-19)	1248	51.3	44.2	6.8	0	2	13	44	296	483	369	147	38	21	3	0
24H(0-24)	1486	51.5	44.4	6.8	0	2	15	55	288	460	359	181	50	25	3	0
AM Peak	11:00	04:00	04:00	07:00	00:00	07:00	09:00	09:00	10:00	10:00	11:00	11:00	09:00	09:00	00:00	00:00
	142	63.9	51.7	12.4	0	1	2	6	26	47	37	22	4	4	0	0
PM Peak	12:00	23:00	19:00	23:00	12:00	16:00	13:00	16:00	12:00	12:00	13:00	14:00	13:00	15:00	15:00	12:00
	153	55.1	46.9	10.0	0	1	3	7	36	57	40	16	5	4	2	0

360 TSL Ltd

Direction: Southbound																
Hour Beginning	Total Volume	ECN Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-40	Bin 5 40-50	Bin 6 50-60	Bin 7 60-70	Bin 8 70-80	Bin 9 80-90	Bin 10 90-100	Bin 11 100-110	Bin 12 >110
00:00	15	59.2	50.5	8.4	0	0	0	0	1	4	2	4	2	2	0	0
01:00	7	58.8	51.8	6.7	0	0	0	0	0	4	2	0	0	0	0	0
02:00	2	58.9	38.8	19.4	0	0	1	0	0	0	0	1	0	0	0	0
03:00	3	56.0	45.0	10.6	0	0	0	0	0	1	0	0	0	0	0	0
04:00	1	-	85.0	-	0	0	0	0	0	0	0	0	0	0	0	1
05:00	1	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
06:00	7	65.4	57.9	7.3	0	0	0	0	0	0	1	2	1	3	0	0
07:00	28	53.6	45.6	7.7	0	1	0	0	2	8	10	6	1	0	0	0
08:00	39	55.6	42.2	10.9	2	2	0	2	6	12	4	6	4	1	0	0
09:00	57	54.3	44.0	10.0	1	0	2	4	8	16	16	6	1	2	1	0
10:00	89	53.6	45.6	7.6	0	0	0	4	16	29	17	12	7	4	0	0
11:00	132	54.3	43.7	10.2	4	0	0	6	28	46	25	9	7	5	2	0
12:00	135	53.5	42.5	10.6	0	1	8	16	27	43	22	9	2	2	3	2
13:00	129	52.8	44.8	7.7	0	0	0	7	33	33	34	13	5	1	0	0
14:00	150	52.1	44.1	7.7	1	0	0	10	30	43	40	19	5	1	0	1
15:00	127	53.4	44.0	8.2	1	0	2	10	21	36	26	12	5	1	0	0
16:00	113	54.2	45.3	8.6	0	2	0	8	15	29	32	14	10	2	1	0
17:00	79	52.9	46.3	7.5	0	0	1	3	13	22	22	13	8	5	0	0
18:00	84	54.8	45.8	7.7	0	0	0	0	17	24	17	13	8	5	0	0
19:00	55	56.2	46.3	9.5	0	0	2	3	4	17	13	9	5	1	0	1
20:00	51	58.5	48.5	8.7	0	0	0	0	0	15	10	5	3	2	0	0
21:00	23	60.8	47.8	12.5	0	0	0	0	1	5	5	7	1	1	1	1
22:00	16	54.5	46.4	7.8	0	0	0	0	4	1	1	1	1	1	0	0
23:00	8	54.4	46.9	7.3	0	0	0	0	2	1	2	2	1	0	0	0
Total	2121	54.1	44.5	8.3	4	0	0	10	44	76	42	21	14	9	2	0
2H(14-16)	207	52.7	44.1	8.4	2	0	2	20	51	79	66	31	10	2	3	1
12H(7-19)	1152	53.7	44.4	8.0	9	6	13	70	214	341	265	132	57	31	11	3
24H(0-24)	1140	54.6	45.0	8.2	9	6	16	74	237	382	340	148	75	45	14	6
AM Peak	11:00	06:00	04:00	02:00	11:00	08:00	09:00	11:00	11:00	11:00	11:00	10:00	10:00	11:00	11:00	04:00
	132	65.4	51.8	19.4	4	2	2	6	28	46	25	9	7	5	2	1
PM Peak	14:00	21:00	20:00	21:00	14:00	16:00	13:00	13:00	13:00	13:00	14:00	14:00	16:00	13:00	12:00	12:00
	150	60.8	49.5	12.5	1	2	8	16	31	43	40	19	10	5	3	2

360 TSL Ltd

Direction: Total Flow																
Hour	Total	ECN	Mean	Standard	Bin 1	Bin 2	Bin 3	Bin 4	Bin 5	Bin 6	Bin 7	Bin 8	Bin 9	Bin 10	Bin 11	Bin 12
Volume	Percentage	Average	Deviation	<10mph	10-20	20-30	30-40	40-50	50-60	60-70	70-80	80-90	90-100	>100		
00:00	18	58.4	50.3	7.9	0	0	0	0	1	5	2	6	2	2	0	0
01:00	10	58.3	50.5	7.5	0	0	0	0	2	0	1	4	3	0	0	0
02:00	6	59.1	45.0	13.6	0	0	0	0	1	1	0	1	0	0	0	0
03:00	4	54.0	46.3	7.5	0	0	0	0	1	1	0	2	0	0	0	0
04:00	4	60.0	45.0	19.3	0	0	0	0	0	1	1	0	0	1	0	0
05:00	4	61.7	53.1	8.3	0	0	0	0	0	0	2	1	0	1	0	0
06:00	14	61.4	45.1	7.8	0	0	0	0	0	1	6	3	6	0	0	0
07:00	50	55.8	45.5	10.0	0	2	1	1	6	11	15	9	2	3	0	0
08:00	91	53.6	43.3	9.9	2	2	1	3	18	30	11	15	5	2	0	0
09:00	143	52.9	43.7	8.9	1	0	4	10	29	43	32	12	5	6	1	0
10:00	205	51.3	44.3	6.7	0	0	1	8	42	76	43	21	9	5	0	0
11:00	274	52.9	44.1	6.5	4	0	2	10	54	92	62	31	10	7	2	0
12:00	288	51.7	42.9	8.4	0	1	10	20	63	100	57	24	6	2	3	2
13:00	240	52.4	44.0	7.5	0	0	3	10	39	66	74	28	10	7	1	0
14:00	270	51.8	44.3	7.3	1	0	0	14	56	85	66	35	9	2	1	1
15:00	240	53.1	44.4	8.3	1	0	2	15	45	77	60	24	6	5	5	0
16:00	238	52.5	44.5	7.7	0	0	3	0	15	48	64	39	14	3	1	0
17:00	176	52.2	45.1	6.9	0	0	1	6	34	53	44	26	7	5	0	0
18:00	171	53.6	45.8	7.0	0	0	1	2	32	50	44	25	12	0	0	0
19:00	113	54.7	46.6	7.8	0	0	2	3	9	36	30	22	8	2	0	1
20:00	106	55.0	46.3	8.4	0	0	0	5	20	26	26	14	10	3	2	0
21:00	53	56.1	44.9	10.8	0	0	2	4	12	11	14	4	2	2	1	1
22:00	34	53.1	46.4	6.5	0	0	0	0	6	8	12	5	2	1	0	0
23:00	17	54.7	45.7	8.6	0	0	0	1	2	2	1	1	1	0	0	0
Total	479	52.2	44.2	7.8	4	0	3	18	96	168	105	52	19	12	2	0
2016/12/18	479	52.2	44.2	7.8	4	0	3	18	96	168	105	52	19	12	2	0
2016/12/19	510	52.4	44.3	7.7	0	0	3	15	41	68	68	29	14	3	4	1
2016/12/20	2395	52.5	44.3	7.9	3	2	26	114	400	711	574	279	86	16	8	0
2016/12/24	2778	53.1	44.7	8.1	9	8	31	129	525	842	669	349	125	68	17	6
Avg Peak	110	54.00	46.00	9.00	11.00	07.00	08.00	10.00	11.00	11.00	11.00	11.00	11.00	11.00	11.00	64.00
Min Peak	4	54.00	46.30	18.30	0	0	0	0	1	1	0	1	0	0	0	0
PM Peak	110	71.00	58.25	16.25	14.00	16.00	12.00	12.00	12.00	12.00	14.00	10.00	13.00	15.00	12.00	12.00
2016	288	58.5	45.6	10.8	3	3	35	20	63	100	74	35	34	7	5	5



North Wales ATC 13, A548

Direction: Northbound																
09/05/2022																
Hour Beginning	Total Volume	ESD Percentile	Mean Average	Standard Deviation	Bin 1 <10th%	Bin 2 10-20	Bin 3 20-30	Bin 4 30-40	Bin 5 40-50	Bin 6 50-60	Bin 7 60-70	Bin 8 70-80	Bin 9 80-90	Bin 10 90-95	Bin 11 95-98	Bin 12 >98%
00:00	2	59.8	52.5	7.1	0	0	0	0	0	1	0	0	0	0	0	0
01:00	2	53.7	50.0	3.5	0	0	0	0	0	0	1	1	0	0	0	0
02:00	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	4	59.0	51.3	7.5	0	0	0	0	0	1	1	0	2	0	0	0
04:00	4	56.7	50.0	6.5	0	0	0	0	0	1	1	1	1	0	0	0
05:00	12	57.5	50.0	7.2	0	0	0	0	2	1	5	3	0	0	0	0
06:00	34	60.2	53.5	8.4	0	0	0	1	3	1	10	8	6	5	0	0
07:00	110	55.4	48.4	6.0	0	0	0	3	10	8	34	28	14	3	0	0
08:00	362	51.8	45.0	6.5	0	0	1	5	33	42	45	28	6	2	0	0
09:00	375	49.3	42.8	6.1	0	0	7	40	36	25	15	1	0	0	0	0
10:00	344	47.5	41.3	6.1	0	0	8	7	38	53	32	6	0	0	0	0
11:00	367	47.8	43.5	6.1	0	0	3	18	57	52	26	33	3	0	0	0
12:00	339	50.8	42.4	8.1	0	0	5	14	40	33	26	33	3	5	0	0
13:00	336	48.2	42.3	5.7	0	0	1	10	37	47	28	32	1	0	0	0
14:00	345	48.8	41.9	6.6	0	0	0	18	41	44	29	7	2	3	0	0
15:00	367	50.9	44.2	6.5	0	0	0	11	27	63	39	18	6	3	0	0
16:00	304	51.5	45.3	6.0	0	0	0	7	39	55	71	26	10	3	0	0
17:00	276	51.5	44.7	6.8	0	0	0	4	39	57	45	20	8	2	1	0
18:00	75	54.9	46.6	8.0	0	0	0	4	14	13	20	54	6	4	0	0
19:00	61	58.4	48.4	9.7	0	1	0	0	11	10	14	20	30	4	1	0
20:00	49	53.7	46.3	7.1	0	0	0	1	9	13	11	9	5	1	0	0
21:00	19	50.4	45.1	5.1	0	0	0	0	3	7	5	4	0	0	0	0
22:00	16	51.1	44.1	6.8	0	0	0	1	5	2	4	4	0	0	0	0
23:00	4	43.7	38.8	4.8	0	0	0	1	1	2	0	0	0	0	0	0
Total																
2H(0-12)	311	47.7	43.4	6.1	0	0	11	20	95	105	58	39	3	0	0	0
2H(14-16)	312	50.0	43.2	6.6	0	0	0	30	68	107	68	25	8	6	0	0
12H(7-19)	1750	50.8	43.8	6.8	0	0	18	104	409	533	480	200	61	24	1	0
24H(0-24)	6988	51.5	44.2	7.1	0	1	18	108	443	551	469	243	89	34	2	0
AM Peak	11:00	06:00	00:00	06:00	00:00	00:00	10:00	11:00	11:00	10:00	08:00	07:00	07:00	06:00	00:00	00:00
	167	68.2	52.5	8.4	0	0	8	13	57	53	45	28	14	5	0	0
PM Peak	16:00	19:00	19:00	19:00	12:00	19:00	12:00	14:00	14:00	15:00	16:00	16:00	16:00	12:00	17:00	12:00
	204	58.4	48.4	9.7	0	1	5	13	45	63	71	26	33	5	1	0

360 TSL Ltd

Direction: Southbound																
Hour Beginning	Total Volume	ESD Percentile	Mean Average	Standard Deviation	Bin 1 <10th%	Bin 2 10-20	Bin 3 20-30	Bin 4 30-40	Bin 5 40-50	Bin 6 50-60	Bin 7 60-70	Bin 8 70-80	Bin 9 80-90	Bin 10 90-95	Bin 11 95-98	Bin 12 >98%
00:00	2	65.0	65.0	0.0	0	0	0	0	0	0	0	0	0	2	0	0
01:00	2	81.4	61.3	19.4	0	0	0	0	0	0	1	0	0	0	0	1
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	2	62.2	47.5	14.1	0	0	0	0	0	0	0	0	1	0	0	0
04:00	2	54.8	47.5	7.1	0	0	0	0	0	0	1	0	1	0	0	0
05:00	4	48.8	46.3	2.5	0	0	0	0	0	1	3	8	4	0	0	0
06:00	20	58.1	50.9	7.0	0	0	0	0	2	7	3	8	4	1	0	0
07:00	180	51.6	45.2	6.2	0	0	0	4	23	41	42	33	7	2	0	0
08:00	255	51.3	44.4	6.6	0	1	10	32	80	69	32	8	1	2	0	0
09:00	339	52.2	44.4	7.5	0	0	2	8	34	48	34	12	5	6	0	0
10:00	359	50.0	41.1	6.7	0	0	8	28	42	18	6	6	2	0	0	0
11:00	324	48.5	41.4	6.8	0	0	6	14	28	38	27	10	1	0	0	0
12:00	331	51.8	43.1	8.4	0	0	3	15	27	41	30	6	1	7	1	0
13:00	332	49.4	42.7	6.5	0	1	8	42	35	28	12	4	1	0	0	0
14:00	334	49.6	42.8	6.5	0	1	8	40	42	27	30	4	2	0	0	0
15:00	354	53.2	44.7	8.5	0	5	5	27	52	28	24	10	2	0	0	0
16:00	335	53.2	46.5	6.5	0	0	0	1	17	43	40	22	7	5	0	0
17:00	382	53.5	46.1	7.2	0	0	3	7	25	35	36	30	11	0	0	0
18:00	92	54.2	47.4	6.5	0	0	2	7	24	30	21	4	4	0	0	0
19:00	77	58.8	48.6	8.9	0	0	0	2	8	14	14	23	11	3	1	1
20:00	45	58.5	48.9	8.3	0	0	0	0	7	12	16	3	2	0	0	0
21:00	39	56.5	47.4	8.7	0	0	0	1	8	10	4	8	5	3	0	0
22:00	19	60.2	50.5	8.3	0	0	0	0	1	5	4	6	0	1	0	0
23:00	10	57.6	48.8	7.9	0	0	0	0	1	3	1	4	0	1	0	0
Total																
2H(0-12)	234	49.2	42.2	6.8	0	0	6	22	56	80	45	16	7	2	0	0
2H(14-16)	288	51.6	43.8	7.5	0	0	6	13	67	94	55	38	34	4	0	0
12H(7-19)	1718	51.8	44.3	7.2	0	0	22	90	339	521	438	201	68	34	4	1
24H(0-24)	6940	52.8	44.9	7.5	0	0	22	93	364	564	480	267	92	46	7	3
AM Peak	08:00	01:00	00:00	01:00	00:00	00:00	11:00	11:00	08:00	08:00	08:00	08:00	08:00	09:00	08:00	00:00
	295	81.4	61.8	19.4	0	0	6	14	52	89	69	32	8	4	2	0
PM Peak	17:00	22:00	22:00	22:00	12:00	13:00	15:00	12:00	13:00	15:00	17:00	17:00	12:00	12:00	15:00	15:00
	382	68.2	50.5	9.3	0	0	5	15	43	52	65	38	11	7	1	1

360 TSL Ltd

Direction: Total Flow																
Hour Beginning	Total Volume	ESD Percentile	Mean Average	Standard Deviation	Bin 1 <10th%	Bin 2 10-20	Bin 3 20-30	Bin 4 30-40	Bin 5 40-50	Bin 6 50-60	Bin 7 60-70	Bin 8 70-80	Bin 9 80-90	Bin 10 90-95	Bin 11 95-98	Bin 12 >98%
00:00	4	67.3	58.8	8.3	0	0	0	0	0	1	0	1	2	0	0	0
01:00	4	69.2	55.6	13.1	0	0	0	0	0	2	1	0	0	0	1	0
02:00	1	0	52.5	0	0	0	0	0	0	1	0	0	0	0	0	0
03:00	6	59.1	50.0	8.8	0	0	0	0	1	1	1	0	3	0	0	0
04:00	6	55.4	49.2	6.3	0	0	0	0	0	1	2	1	0	0	0	0
05:00	16	55.8	49.1	6.5	0	0	0	0	2	2	4	5	3	0	0	0
06:00	14	59.4	51.3	7.8	0	0	0	1	5	3	11	16	8	0	0	0
07:00	240	53.5	46.6	6.7	0	0	7	31	59	76	41	21	5	0	0	0
08:00	427	53.5	44.7	6.6	0	2	15	85	122	134	60	34	3	2	0	0
09:00	264	50.8	43.7	6.9	0	2	15	64	84	59	27	6	7	0	0	0
10:00	254	48.7	42.0	6.4	0	0	8	15	66	95	50	12	6	2	0	0
11:00	392	48.2	41.5	6.4	0	0	9	27	85	90	53	23	4	0	0	0
12:00	270	51.3	42.8	8.3	0	0	8	29	67	74	56	19	4	12	1	0
13:00	288	48.9	42.5	6.1	0	0	9	39	86	81	56	24	5	1	0	0
14:00	279	49.2	42.4	6.6	0	1	27	81	86	56	27	6	1	0	0	0
15:00	321	52.2	44.5	7.3	0	0	5	16	54	135	67	42	36	5	0	1
16:00	339	52.2	45.8	6.2	0	0	8	50	98	111	48	18	6	0	0	0
17:00	358	52.6	45.4	6.9	0	0	3	11	64	92	130	53	39	4	2	0
18:00	167	54.6	41.1	7.2	0	0	6	21	37	50	35	10	0	0	0	0
19:00	138	58.6	49.1	9.2	0	1	0	2	19	24	28	33	21	7	2	1
20:00	94	56.2	48.0	7.9	0	0	0	1	13	20	23	25	8	3	0	1
21:00	58	54.7	46.7	7.8	0	0	0	1	11	17	9	12	5	3	0	0
22:00	35	56.7	47.6	8.8	0	0	0	1	6	7	8	10	0	2	1	0
23:00	14	54.5	45.9	8.4	0	0	0	1	2	1	1	4	2	1	0	0
Total																
21H21:00	545	48.4	41.7	6.4	0	0	17	42	151	185	103	35	30	2	0	0
21H22:00	417	49.3	41.6	11.3	0	0	6	43	126	202	129	59	22	10	0	0
21H23:00	346	51.3	44.0	7.0	0	0	40	294	748	834	401	129	58	5	0	0
21H24:00	308	52.1	44.6	7.3	0	1	40	205	807	1115	549	510	185	82	9	0
Peak																
21H00:00	11:00	20:00	40:00	10:00	11:00	11:00	11:00	18:00	18:00	18:00	18:00	18:00	17:00	19:00	08:00	00:00
21H01:00	19:00	19:00	19:00	12:00	19:00	12:00	12:00	14:00	15:00	16:00	17:00	19:00	12:00	17:00	15:00	00:00
PM Peak	13H	58.6	49.3	3.2	0	1	8	29	81	115	111	53	21	12	2	1



North Wales ATC 13, A548

10/05/2022															
Hour Beginning	Total Volume	ESD Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-40	Bin 5 40-45	Bin 6 45-50	Bin 7 50-55	Bin 8 55-60	Bin 9 60-70	Bin 10 70-80	Bin 12 >80
00:00	4	164.1	51.9	12.0	0	0	0	0	0	0	1	1	0	0	0
01:00	1	-	47.5	-	0	0	0	0	0	0	1	0	0	0	0
02:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0
03:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0
04:00	2	59.8	52.5	7.1	0	0	0	0	0	0	1	0	1	0	0
05:00	11	59.5	50.0	8.2	0	0	0	1	1	1	1	2	1	0	0
06:00	41	61.9	52.1	9.5	0	0	0	0	0	5	3	10	10	6	2
07:00	107	54.5	48.1	6.1	0	0	1	1	5	12	42	21	14	1	0
08:00	169	52.8	45.9	6.7	0	0	0	0	9	22	46	45	34	11	2
09:00	134	49.6	42.7	6.6	0	0	3	10	32	40	27	16	2	0	0
10:00	157	49.2	42.2	6.8	0	0	4	9	52	45	29	10	7	1	0
11:00	123	48.6	43.0	5.5	0	0	1	4	33	42	32	9	2	0	0
12:00	166	48.6	42.0	6.3	0	0	2	18	48	43	41	11	2	1	0
13:00	117	53.1	46.8	6.1	0	0	0	2	8	37	42	17	8	3	0
14:00	141	50.1	45.8	6.2	0	0	1	6	34	44	31	21	4	0	0
15:00	160	50.9	44.8	5.9	0	0	0	6	27	52	47	21	6	1	0
16:00	210	52.8	45.8	7.7	0	0	2	6	34	54	54	41	9	5	0
17:00	176	56.3	48.7	7.3	0	0	0	0	16	48	39	43	17	13	0
18:00	98	57.5	50.2	7.0	0	0	0	0	0	2	23	28	25	12	7
19:00	67	54.4	48.1	6.1	0	0	0	0	5	18	19	16	8	1	0
20:00	38	57.9	48.2	9.4	0	0	0	2	8	4	6	10	6	1	1
21:00	17	57.9	48.7	8.9	0	0	0	0	2	11	5	4	0	5	0
22:00	10	56.7	46.8	9.6	0	0	0	1	1	3	2	1	1	1	0
23:00	6	62.2	52.1	9.8	0	0	0	0	1	0	2	0	2	1	0
Total	280	49.0	42.5	6.3	0	0	5	13	85	87	61	39	9	1	0
2H(14-16)	301	50.4	44.3	6.0	0	0	1	12	61	96	78	42	10	1	0
12H(7-19)	1758	52.4	48.2	6.9	0	0	14	72	330	406	460	272	92	34	1
24H(0-24)	3965	53.1	45.6	7.2	0	0	14	76	334	395	517	336	139	50	4
AM Peak	08:00	00:00	04:00	00:00	00:00	00:00	10:00	09:00	10:00	08:00	08:00	08:00	07:00	06:00	00:00
	169	64.3	52.5	12.0	0	0	4	11	52	46	45	34	14	5	2
PM Peak	16:00	23:00	23:00	23:00	12:00	12:00	12:00	12:00	12:00	16:00	16:00	17:00	17:00	18:00	12:00
	210	62.2	52.1	9.8	0	0	2	18	48	54	64	49	17	13	1

360 TSL Ltd

Direction: Southbound

Hour Beginning	Total Volume	ESD Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-35	Bin 5 35-40	Bin 6 40-45	Bin 7 45-50	Bin 8 50-55	Bin 9 55-60	Bin 10 60-70	Bin 11 70-80	Bin 12 >80
00:00	5	66.2	48.0	17.5	0	0	0	2	0	0	1	1	0	0	1	0
01:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
03:00	2	59.8	52.5	7.1	0	0	0	0	0	1	0	1	0	0	0	0
04:00	4	66.3	51.9	13.9	0	0	0	1	0	0	0	1	1	1	0	0
05:00	5	58.4	48.0	8.3	0	0	0	0	0	2	2	4	0	1	0	0
06:00	36	55.1	48.5	6.4	0	0	0	2	0	8	11	9	6	0	0	0
07:00	121	52.7	45.0	7.5	0	0	3	9	13	36	30	20	9	1	0	0
08:00	240	51.4	44.1	7.0	0	3	9	53	86	43	27	15	4	0	0	0
09:00	161	52.2	43.4	8.4	0	0	4	20	36	33	38	18	7	4	1	0
10:00	159	49.0	42.4	6.3	0	0	3	10	36	54	27	9	2	0	0	0
11:00	110	52.3	44.6	7.4	0	0	1	5	22	38	21	14	5	4	0	0
12:00	125	53.2	44.3	8.6	1	0	1	8	29	29	35	10	4	1	0	0
13:00	148	50.6	43.6	6.7	0	0	1	7	37	51	28	16	3	0	0	0
14:00	137	54.0	44.0	9.6	2	0	2	10	30	35	29	16	7	5	0	1
15:00	139	53.3	46.2	6.9	0	0	6	12	36	44	22	9	4	0	0	0
16:00	154	55.6	48.2	7.1	0	0	1	3	11	33	50	34	16	5	1	0
17:00	170	58.0	48.2	8.5	0	0	0	2	20	39	49	38	11	9	1	0
18:00	102	60.6	51.2	10.0	0	1	0	6	11	28	20	10	13	1	0	0
19:00	74	62.1	52.5	9.3	0	0	1	0	2	12	16	16	10	1	1	0
20:00	53	60.8	52.0	8.5	0	0	0	0	0	12	15	7	6	2	0	0
21:00	31	62.7	51.6	10.7	0	0	0	3	7	6	5	5	2	3	0	0
22:00	15	62.9	53.3	8.9	0	0	0	1	0	1	1	1	0	1	1	0
23:00	9	61.6	53.6	7.7	0	0	0	0	0	0	5	0	2	2	0	0
Total	249	50.5	43.4	6.9	0	0	3	15	58	89	48	23	7	6	0	0
2H(10-12)	276	53.9	45.1	8.4	2	0	2	16	48	71	73	38	16	9	0	1
12H(7-19)	1746	53.8	45.4	8.1	3	1	18	91	311	469	422	244	138	60	7	2
24H(0-24)	3990	55.0	46.2	8.5	3	1	20	96	318	508	480	301	161	84	15	3
AM Peak	08:00	04:00	03:00	00:00	00:00	00:00	09:00	09:00	08:00	08:00	08:00	08:00	08:00	00:00	00:00	00:00
	240	66.1	52.5	17.5	0	0	4	20	59	86	49	27	15	4	1	0
PM Peak	17:00	21:00	23:00	21:00	14:00	18:00	14:00	14:00	13:00	13:00	16:00	17:00	18:00	17:00	14:00	14:00
	276	62.7	53.6	10.7	2	1	2	10	37	51	50	38	19	13	3	1

360 TSL Ltd

Direction: Total Flow

Hour	Total Volume	ESD Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-35	Bin 5 35-40	Bin 6 40-45	Bin 7 45-50	Bin 8 50-55	Bin 9 55-60	Bin 10 60-70	Bin 11 70-80	Bin 12 >80
00:00	9	64.8	49.7	14.5	0	0	0	2	1	0	2	1	1	1	1	0
01:00	1	-	47.5	-	0	0	0	0	0	0	1	0	0	0	0	0
02:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
03:00	2	59.8	52.5	7.1	0	0	0	0	0	0	1	0	1	0	0	0
04:00	6	63.7	52.1	11.2	0	0	0	1	1	1	1	1	2	1	0	0
05:00	16	58.9	49.7	8.9	0	0	0	1	1	2	5	3	2	2	0	0
06:00	77	59.0	50.4	8.4	0	0	2	5	11	21	39	12	5	2	0	0
07:00	228	53.7	46.4	7.0	0	0	4	10	18	58	72	41	23	2	0	0
08:00	409	52.0	44.9	6.9	0	0	3	18	75	132	88	61	26	6	0	0
09:00	295	51.1	41.1	7.7	0	0	7	31	68	73	65	37	9	4	1	0
10:00	296	49.1	42.3	6.6	0	0	6	19	88	96	56	39	9	3	0	0
11:00	132	50.5	45.7	6.5	0	0	2	9	35	80	53	32	7	4	0	0
12:00	201	50.7	43.0	7.5	1	0	3	26	77	72	76	21	9	5	1	0
13:00	205	51.9	45.1	6.5	0	0	1	9	45	88	70	39	13	5	0	0
14:00	278	52.2	43.9	8.1	2	0	3	16	64	79	60	37	11	5	0	0
15:00	299	52.1	45.4	6.4	0	0	0	12	45	88	91	49	15	5	0	0
16:00	364	54.1	46.8	7.0	0	0	3	9	42	87	114	75	33	10	1	0
17:00	346	57.1	48.9	7.9	0	0	0	2	36	78	88	81	33	24	3	1
18:00	200	59.1	50.7	8.1	0	0	1	8	34	56	45	32	10	3	0	0
19:00	141	58.9	50.4	8.2	0	0	1	0	7	30	35	32	23	11	1	1
20:00	91	59.8	50.4	9.0	0	0	0	2	10	13	18	25	13	7	3	0
21:00	58	60.6	50.3	10.0	0	0	0	8	11	9	5	7	3	7	3	0
22:00	35	61.2	51.4	9.5	0	0	1	1	1	4	6	11	7	3	1	0
23:00	15	61.6	53.0	8.3	0	0	0	0	1	0	7	0	4	3	0	0
Total	329	49.7	42.9	6.6	0	0	8	28	143	176	109	42	16	7	0	0
2H(10-12)	377	52.2	44.7	7.3	2	0	3	28	109	167	151	80	26	10	0	1
12H(7-19)	2024	53.1	45.3	7.5	3	1	32	153	621	962	889	516	233	94	8	2
24H(0-24)	3955	54.1	45.9	7.9	3	1	34	172	652	1043	997	617	280	134	19	3
AM Peak	08:00	00:00	03:00	00:00	00:00	00:00	0	0	7	31	88	132	88	61	26	6
PM Peak	16:00	21:00	23:00	21:00	14:00	18:00	12:00	12:00	12:00	13:00	14:00	15:00	16:00	17:00	17:00	17:00
	346	248	514	514	140	140	140	140	140	140	140	140	140	140	140	140



North Wales ATC 13, A548

Direction: Northbound

11/05/2022															
Hour Beginning	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-40	Bin 5 40-50	Bin 6 50-60	Bin 7 60-70	Bin 8 70-80	Bin 9 80-90	Bin 10 90-100	Bin 11 >110
00:00	2	58.7	55.0	3.5	0	0	0	0	0	0	1	1	0	0	0
01:00	1	-	47.5	-	0	0	0	0	0	0	1	0	0	0	0
02:00	2	58.7	55.0	3.5	0	0	0	0	0	0	1	1	0	0	0
03:00	3	52.7	47.5	5.0	0	0	0	0	0	1	1	1	0	0	0
04:00	4	60.2	55.0	5.0	0	0	0	0	0	1	0	1	0	0	0
05:00	9	60.3	50.0	10.2	0	0	0	1	1	2	2	1	0	1	0
06:00	37	63.3	53.2	9.7	0	0	0	3	5	6	9	6	2	0	0
07:00	113	55.5	49.1	6.2	0	0	0	8	17	43	29	11	5	0	0
08:00	167	53.6	47.5	5.9	0	0	3	11	45	52	38	17	1	0	0
09:00	133	52.1	45.3	6.5	0	0	4	26	38	34	22	7	2	0	0
10:00	148	53.0	46.3	6.5	0	0	0	1	26	42	38	25	14	2	0
11:00	130	52.0	44.2	7.5	0	0	1	10	30	36	23	20	7	3	0
12:00	105	48.2	41.7	6.2	0	0	0	24	43	53	28	13	4	0	0
13:00	126	48.8	42.5	6.1	0	0	1	6	40	42	25	5	7	0	0
14:00	128	49.8	42.8	6.8	0	0	0	12	38	37	22	11	7	1	0
15:00	178	51.4	44.4	6.8	0	0	0	11	33	59	48	16	7	3	1
16:00	209	51.1	44.3	6.6	0	0	1	10	22	72	47	23	10	3	0
17:00	165	53.2	46.2	6.8	0	0	0	5	28	38	47	34	9	4	0
18:00	101	54.1	46.5	7.4	0	0	0	4	10	31	30	17	7	1	0
19:00	58	55.4	46.9	8.2	0	0	0	3	9	10	19	20	4	2	0
20:00	48	52.6	43.5	8.8	0	0	1	5	14	12	3	8	3	2	0
21:00	29	50.2	43.4	6.6	0	0	0	3	5	12	3	5	1	0	0
22:00	18	53.9	43.6	9.9	0	0	1	0	7	5	1	0	3	1	0
23:00	7	50.7	40.7	9.7	0	0	1	1	1	1	2	1	0	0	0
Total	278	52.6	45.3	7.1	0	0	1	11	56	78	61	45	21	5	0
2H(14-16)	306	50.8	43.7	6.9	0	0	0	23	71	96	70	27	14	4	1
12H(7-19)	1763	52.1	46.0	6.0	0	0	3	96	336	530	437	252	110	24	1
24H(0-24)	1981	52.6	45.2	7.2	0	0	6	103	375	556	476	290	134	36	4
AM Peak	08:00	06:00	00:00	05:00	00:00	00:00	11:00	11:00	11:00	08:00	08:00	08:00	08:00	06:00	00:00
	167	63.3	55.8	10.2	0	0	1	10	30	45	52	38	17	6	2
PM Peak	16:00	19:00	19:00	22:00	12:00	12:00	13:00	12:00	12:00	16:00	15:00	17:00	16:00	17:00	15:00
	209	55.4	46.9	9.9	0	0	1	24	43	72	48	34	13	4	1

360 TSL Ltd

Direction: Southbound

11/05/2022																
Hour Beginning	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-40	Bin 5 40-50	Bin 6 50-60	Bin 7 60-70	Bin 8 70-80	Bin 9 80-90	Bin 10 90-100	Bin 11 100-110	Bin 12 >110
00:00	4	63.2	54.4	8.5	0	0	0	0	0	0	2	0	1	1	0	0
01:00	1	57.5	57.5	0.0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	1	-	52.5	-	0	0	0	0	0	0	0	1	0	0	0	0
03:00	6	56.3	50.0	6.1	0	0	0	0	0	1	1	3	0	0	0	0
04:00	2	47.9	58.8	8.8	0	0	0	0	0	0	0	0	0	1	0	0
05:00	4	72.5	61.9	10.9	0	0	0	0	0	0	0	0	0	2	0	0
06:00	28	57.9	48.8	8.7	0	0	0	1	2	3	6	6	9	1	0	0
07:00	124	57.2	49.5	7.5	0	0	0	2	7	21	46	25	12	10	1	0
08:00	232	54.7	46.9	7.5	0	0	2	7	34	62	69	46	20	12	0	0
09:00	151	55.2	46.3	8.6	0	0	0	1	3	34	37	35	20	12	6	3
10:00	196	55.8	45.2	9.2	0	0	4	12	33	18	22	11	3	2	0	0
11:00	137	49.4	40.5	8.6	1	1	9	15	44	30	21	8	7	1	0	0
12:00	129	47.3	40.6	6.4	1	0	0	22	33	47	18	6	2	0	0	0
13:00	128	48.7	41.5	7.0	0	0	0	4	14	37	38	24	7	2	2	0
14:00	144	48.4	40.9	7.2	0	0	3	28	40	35	23	11	2	2	0	0
15:00	124	52.0	44.4	7.4	0	0	0	5	38	22	17	16	4	1	0	0
16:00	172	50.0	43.8	6.0	0	0	1	4	46	54	39	22	6	0	0	0
17:00	184	49.3	42.7	5.4	0	0	0	7	32	63	42	16	4	0	0	0
18:00	110	53.8	46.7	6.8	0	0	1	0	16	31	30	19	10	3	0	0
19:00	81	52.5	43.1	9.0	0	0	0	5	9	16	17	17	9	6	2	0
20:00	51	52.1	43.0	8.8	0	0	3	3	11	15	12	5	0	1	1	0
21:00	34	51.0	43.9	8.7	0	0	2	2	10	14	1	2	1	2	0	0
22:00	19	52.7	42.5	9.8	0	0	1	1	2	1	1	1	1	0	0	0
23:00	12	60.6	48.3	11.8	0	0	0	1	1	4	2	2	0	1	1	0
Total	243	52.8	43.4	9.1	1	1	9	19	57	63	39	30	18	4	2	0
2H(14-16)	268	50.3	42.5	7.5	0	0	3	33	78	57	60	27	6	3	0	1
12H(7-19)	1741	52.4	44.4	7.8	2	1	21	111	374	473	402	218	92	40	6	1
24H(0-24)	1986	52.7	44.4	8.0	2	2	32	130	416	532	450	230	112	50	9	1
AM Peak	08:00	05:00	05:00	05:00	11:00	11:00	11:00	11:00	11:00	08:00	08:00	08:00	08:00	08:00	09:00	00:00
	232	72.5	61.9	10.9	1	1	9	10	44	62	69	46	20	12	8	0
PM Peak	16:00	22:00	23:00	23:00	12:00	12:00	13:00	12:00	12:00	16:00	17:00	16:00	18:00	18:00	20:00	15:00
	172	60.6	48.3	11.8	1	1	5	28	46	63	42	22	10	3	1	1

360 TSL Ltd

Direction: Total Flow

11/05/2022																
Hour Beginning	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-40	Bin 5 40-50	Bin 6 50-60	Bin 7 60-70	Bin 8 70-80	Bin 9 80-90	Bin 10 90-100	Bin 11 100-110	Bin 12 >110
00:00	6	61.6	54.6	6.8	0	0	0	0	0	0	2	1	2	1	0	0
01:00	4	60.2	55.0	5.0	0	0	0	0	0	0	1	0	1	0	0	0
02:00	3	57.2	54.2	2.8	0	0	0	0	0	0	2	0	2	1	0	0
03:00	9	55.0	49.2	5.6	0	0	0	0	0	0	2	4	1	2	0	0
04:00	6	62.3	56.3	5.9	0	0	0	0	0	0	1	1	1	1	0	0
05:00	13	65.2	53.5	11.3	0	0	0	1	1	0	2	4	2	2	1	0
06:00	10	61.1	51.3	9.5	0	0	0	3	5	8	12	15	7	1	0	0
07:00	237	56.4	45.3	6.8	0	0	0	15	38	89	54	23	15	1	0	0
08:00	419	54.3	47.1	6.9	0	0	2	10	45	107	121	84	37	13	0	0
09:00	284	53.8	45.8	7.7	0	0	1	7	69	62	39	8	8	3	0	0
10:00	264	54.2	46.7	7.3	0	0	0	5	39	75	56	47	25	5	2	0
11:00	307	50.9	42.3	8.3	1	1	10	25	74	66	44	28	14	4	0	0
12:00	294	47.8	41.3	6.3	1	0	0	46	76	100	46	19	6	0	0	0
13:00	249	48.9	42.0	6.6	0	0	0	36	77	90	49	32	9	2	0	0
14:00	272	49.1	42.8	7.1	0	0	3	40	78	72	45	22	9	3	0	0
15:00	302	51.7	44.4	7.1	0	0	0	16	73	81	85	32	11	4	1	1
16:00	381	50.6	44.0	6.3	0	0	2	14	88	126	86	44	19	2	0	0
17:00	329	51.5	45.0	6.3	0	0	0	12	60	101	89	50	13	4	0	0
18:00	211	53.9	46.6	7.1	0	0	1	4	26	62	60	36	17	4	1	0
19:00	139	53.9	44.7	8.8	0	0	5	12	25	27	16	19	10	4	1	0
20:00	99	52.3	43.3	8.8	0	0	4	8	25	27	15	13	3	3	1	0
21:00	63	50.6	42.6	7.8	0	0	2	5	13	26	1	7	2	2	0	0
22:00	37	53.1	43.0	9.7	0	1	2	1	9	10	6	4	3	1	0	0
23:00	19	57.6	45.1	11.4	0	0	1	2	7	9	1	0	1	1	0	0
Total																
521	125.8	44.4	8.1	1	1	10	30	113	141	100	75	39	9	2	0	0
2764	50.8	41.1	7.2	0	3	56	149	533	130	54	20	7	1	1	1	1
2017	43.1	40.7	7.3	0	2	34	241	709	983	843	502	246	86	13	2	2
1967	52.7	44.8	7.6	0	2	22	381	793	1088	926	540	246	86	13	2	2
Ave																
00:00	05:00	05:00	06:00	11:00	11:00	11:00	11:00	11:00	11:00	06:00	08:00	08:00	07:00	08:00	07:00	08:00
181	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3
Std																
00:00	23.00	18.00	18.00	18.00	23.00	22.00	11.00	12.00	16.00	16.00	17.00	17.00	16.00	15.00	15.00	15.00
181	37.9	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6



North Wales ATC 14, A548

Direction: Southbound

Hour Beginning	Thu 28/04/2022	Fri 29/04/2022	Sat 30/04/2022	Sun 01/05/2022	Mon 02/05/2022	Tue 03/05/2022	Wed 04/05/2022	5-Day Ave.	7-Day Ave.
00:00	3	9	2	13	4	4	2	4	5
01:00	2	1	5	6	3	0	1	1	3
02:00	3	0	2	6	1	0	0	1	2
03:00	2	2	2	1	1	4	6	3	3
04:00	2	1	1	1	3	4	0	2	2
05:00	1	2	1	2	1	1	4	2	2
06:00	25	31	9	6	12	27	15	22	18
07:00	51	54	36	17	24	69	63	52	45
08:00	107	85	50	34	35	98	98	85	72
09:00	114	101	65	62	63	104	87	94	85
10:00	125	98	81	66	94	108	65	98	91
11:00	89	93	140	129	145	82	97	101	111
12:00	78	88	167	122	148	81	94	98	111
13:00	114	109	132	121	135	81	91	106	112
14:00	116	111	131	126	151	87	92	111	116
15:00	115	117	139	99	109	125	106	114	116
16:00	166	170	110	113	115	134	148	147	137
17:00	140	181	120	78	88	170	156	147	133
18:00	107	120	88	74	82	105	104	104	97
19:00	109	60	94	54	45	59	62	67	69
20:00	59	50	36	46	36	50	55	50	47
21:00	35	40	48	21	22	39	23	32	33
22:00	38	45	27	6	17	24	18	28	25
23:00	11	15	14	6	10	6	9	10	10
Total									
12H(7-19)	1322	1327	1259	1041	1189	1244	1201	1257	1226
16H(6-22)	1550	1508	1446	1168	1304	1419	1356	1427	1393
18H(6-24)	1599	1568	1487	1180	1331	1449	1383	1466	1428
24H(0-24)	1612	1583	1500	1209	1344	1462	1396	1479	1444
AM Peak	10:00	09:00	11:00	11:00	11:00	10:00	08:00	11:00	11:00
	125	101	140	129	145	108	98	101	111
PM Peak	16:00	17:00	12:00	14:00	14:00	17:00	17:00	17:00	16:00
	166	181	167	126	151	170	156	147	137

360 TSL Ltd

Direction: Northbound

Hour Beginning	Thu 28/04/2022	Fri 29/04/2022	Sat 30/04/2022	Sun 01/05/2022	Mon 02/05/2022	Tue 03/05/2022	Wed 04/05/2022	5-Day Ave.	7-Day Ave.
00:00	1	0	2	8	3	3	2	2	3
01:00	0	0	4	2	4	0	0	1	1
02:00	2	0	1	5	3	0	0	1	2
03:00	0	6	1	2	0	0	2	2	2
04:00	2	1	2	2	2	1	4	2	2
05:00	11	4	6	1	2	11	11	8	7
06:00	45	49	17	4	6	29	41	34	27
07:00	103	92	27	29	27	79	74	75	62
08:00	163	154	59	47	38	159	190	141	116
09:00	105	138	124	74	98	120	138	120	114
10:00	97	115	116	106	107	114	124	111	111
11:00	95	125	132	131	146	85	103	111	117
12:00	95	108	121	137	157	115	112	117	121
13:00	97	86	115	95	118	99	119	104	104
14:00	118	100	141	124	124	105	94	108	115
15:00	115	138	126	91	88	113	115	114	112
16:00	109	118	122	116	152	125	125	126	124
17:00	105	113	121	101	94	104	101	103	106
18:00	82	36	81	77	89	84	93	77	77
19:00	47	43	66	55	83	59	44	55	57
20:00	60	28	41	43	47	24	26	37	38
21:00	38	20	34	26	29	21	28	27	28
22:00	22	16	30	13	16	10	21	17	18
23:00	5	8	7	2	3	6	5	5	5
Total									
12H(7-19)	1284	1323	1285	1128	1238	1302	1388	1307	1278
16H(6-22)	1474	1463	1443	1256	1403	1435	1527	1460	1429
18H(6-24)	1501	1487	1480	1271	1422	1451	1553	1483	1452
24H(0-24)	1517	1498	1496	1291	1436	1466	1572	1498	1468
AM Peak	08:00	08:00	11:00	11:00	11:00	08:00	08:00	08:00	11:00
	163	154	132	131	146	159	190	141	117
PM Peak	14:00	15:00	14:00	12:00	12:00	16:00	16:00	16:00	16:00
	118	138	141	137	157	125	125	126	124

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Thu 28/04/2022	Fri 29/04/2022	Sat 30/04/2022	Sun 01/05/2022	Mon 02/05/2022	Tue 03/05/2022	Wed 04/05/2022	5-Day Ave.	7-Day Ave.
00:00	4	9	4	21	7	7	4	6	8
01:00	2	1	9	8	7	0	1	2	4
02:00	5	0	3	11	4	0	0	2	3
03:00	2	8	3	3	1	4	8	5	4
04:00	4	2	3	3	5	5	4	4	4
05:00	12	6	7	3	3	12	15	10	8
06:00	70	80	26	10	18	56	56	56	45
07:00	154	146	63	46	51	148	137	127	106
08:00	270	239	109	81	73	257	288	225	188
09:00	219	239	189	136	161	224	225	214	199
10:00	222	213	197	172	201	222	189	209	202
11:00	184	218	272	260	291	167	200	212	227
12:00	173	196	288	259	305	196	206	215	232
13:00	211	195	247	216	253	180	210	210	216
14:00	234	211	272	250	275	192	186	220	231
15:00	230	255	265	190	197	238	221	228	228
16:00	275	288	232	229	267	259	273	272	260
17:00	245	294	241	179	182	274	257	250	239
18:00	189	156	169	151	171	189	197	180	175
19:00	156	103	160	109	128	118	106	122	126
20:00	119	78	77	89	83	74	81	87	86
21:00	73	60	82	47	51	60	51	59	61
22:00	60	61	57	19	33	34	39	45	43
23:00	16	23	21	8	13	12	14	16	15
Total									
12H(7-19)	2606	2650	2544	2169	2427	2546	2589	2564	2504
16H(6-22)	3024	2971	2889	2424	2707	2854	2883	2888	2822
18H(6-24)	3100	3055	2967	2451	2753	2900	2936	2949	2880
24H(0-24)	3129	3081	2996	2500	2780	2928	2968	2977	2912
AM Peak	08:00	08:00	11:00	11:00	11:00	08:00	08:00	08:00	11:00
	270	239	272	260	291	257	288	225	227
PM Peak	16:00	17:00	12:00	12:00	12:00	17:00	16:00	16:00	16:00
	275	294	288	259	305	274	279	272	260

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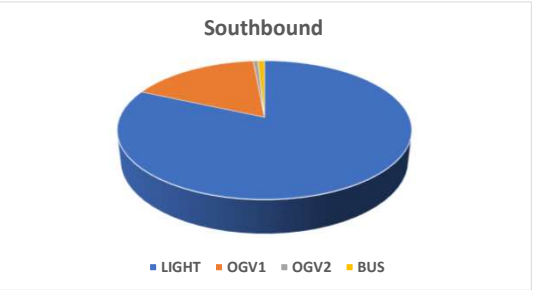
North Wales ATC 14, A548

Direction: Southbound

	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 28 Apr 2022	1612	1275	305	17	15
Fri 29 Apr 2022	1583	1275	278	13	17
Sat 30 Apr 2022	1500	1242	236	7	15
Sun 1 May 2022	1209	1062	141	2	4
Mon 2 May 2022	1344	1182	155	4	3
Tue 3 May 2022	1462	1164	274	10	14
Wed 4 May 2022	1396	1053	315	9	19
5 Day Ave.	1479	1190	265	11	14
7 Day Ave.	1444	1179	243	9	12

	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 28 Apr 2022	100.0%	79.1%	18.9%	1.1%	0.9%
Fri 29 Apr 2022	100.0%	80.5%	17.6%	0.8%	1.1%
Sat 30 Apr 2022	100.0%	82.8%	15.7%	0.5%	1.0%
Sun 1 May 2022	100.0%	87.8%	11.7%	0.2%	0.3%
Mon 2 May 2022	100.0%	87.9%	11.5%	0.3%	0.2%
Tue 3 May 2022	100.0%	79.6%	18.7%	0.7%	1.0%
Wed 4 May 2022	100.0%	75.4%	22.6%	0.6%	1.4%
5 Day Ave.	100.0%	80.4%	17.9%	0.7%	0.9%
7 Day Ave.	100.0%	81.7%	16.9%	0.6%	0.9%

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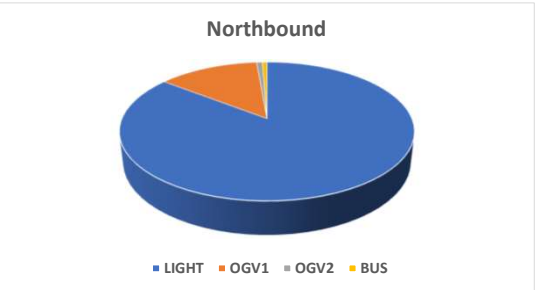


Direction: Northbound

	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 28 Apr 2022	1517	1212	276	13	16
Fri 29 Apr 2022	1498	1275	200	13	10
Sat 30 Apr 2022	1496	1308	173	10	5
Sun 1 May 2022	1291	1174	109	3	5
Mon 2 May 2022	1436	1300	122	9	5
Tue 3 May 2022	1466	1260	186	11	9
Wed 4 May 2022	1572	1257	285	18	12
5 Day Ave.	1498	1261	214	13	10
7 Day Ave.	1468	1255	193	11	9

	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 28 Apr 2022	100.0%	79.9%	18.2%	0.9%	1.1%
Fri 29 Apr 2022	100.0%	85.1%	13.4%	0.9%	0.7%
Sat 30 Apr 2022	100.0%	87.4%	11.6%	0.7%	0.3%
Sun 1 May 2022	100.0%	90.9%	8.4%	0.2%	0.4%
Mon 2 May 2022	100.0%	90.5%	8.5%	0.6%	0.3%
Tue 3 May 2022	100.0%	85.9%	12.7%	0.8%	0.6%
Wed 4 May 2022	100.0%	80.0%	18.1%	1.1%	0.8%
5 Day Ave.	100.0%	84.2%	14.3%	0.9%	0.7%
7 Day Ave.	100.0%	85.5%	13.1%	0.7%	0.6%

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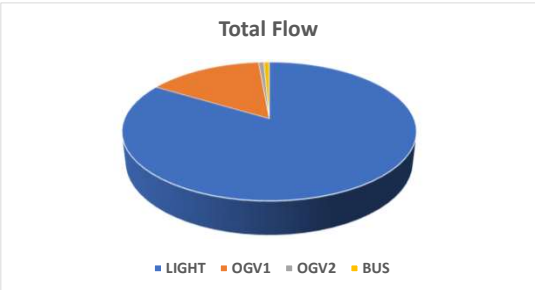


Direction: Total Flow

	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 28 Apr 2022	3129	2487	581	30	31
Fri 29 Apr 2022	3081	2550	478	26	27
Sat 30 Apr 2022	2996	2550	409	17	20
Sun 1 May 2022	2500	2236	250	5	9
Mon 2 May 2022	2780	2482	277	13	8
Tue 3 May 2022	2928	2424	460	21	23
Wed 4 May 2022	2968	2310	600	27	31
5 Day Ave.	2977	2451	479	23	24
7 Day Ave.	2912	2434	436	20	21

	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 28 Apr 2022	100.0%	79.5%	18.6%	1.0%	1.0%
Fri 29 Apr 2022	100.0%	82.8%	15.5%	0.8%	0.9%
Sat 30 Apr 2022	100.0%	85.1%	13.7%	0.6%	0.7%
Sun 1 May 2022	100.0%	89.4%	10.0%	0.2%	0.4%
Mon 2 May 2022	100.0%	89.3%	10.0%	0.5%	0.3%
Tue 3 May 2022	100.0%	82.8%	15.7%	0.7%	0.8%
Wed 4 May 2022	100.0%	77.8%	20.2%	0.9%	1.0%
5 Day Ave.	100.0%	82.3%	16.1%	0.8%	0.8%
7 Day Ave.	100.0%	83.6%	15.0%	0.7%	0.7%

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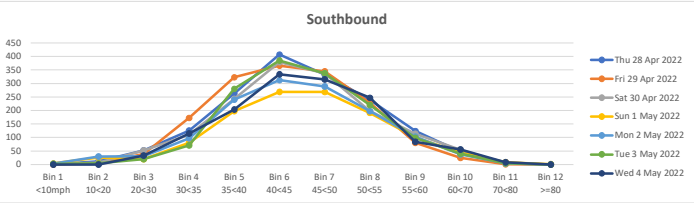


North Wales ATC 14, A548

Direction: Southbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<30	Bin 4 30<35	Bin 5 35<40	Bin 6 40<45	Bin 7 45<50	Bin 8 50<55	Bin 9 55<60	Bin 10 60<70	Bin 11 70<80	Bin 12 >=80
Thu 28 Apr 2022	1612	53.9	44.6	9.0	1	12	52	126	263	407	333	239	124	47	8	0
Fri 29 Apr 2022	1583	51.9	43.6	8.0	0	4	39	172	323	366	344	229	80	25	1	0
Sat 30 Apr 2022	1500	53.9	44.7	8.9	1	7	52	110	243	379	338	197	114	55	3	1
Sun 1 May 2022	1209	55.2	45.0	9.8	4	26	20	80	198	269	268	191	100	44	8	1
Mon 2 May 2022	1344	54.1	44.2	9.5	3	30	31	97	240	312	289	197	103	38	4	0
Tue 3 May 2022	1462	53.3	45.1	8.0	2	4	20	71	280	385	338	220	98	40	4	0
Wed 4 May 2022	1396	54.3	45.4	8.6	0	0	33	115	204	334	315	247	84	56	8	0
5 Day Ave.	1479	53.5	44.6	8.6	1	10	35	116	262	361	324	226	98	41	5	0
7 Day Ave.	1444	53.8	44.7	8.8	2	12	35	110	250	350	318	217	100	44	5	0

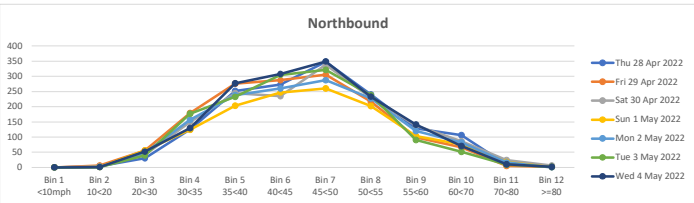
360 TSL Ltd



Direction: Northbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<30	Bin 4 30<35	Bin 5 35<40	Bin 6 40<45	Bin 7 45<50	Bin 8 50<55	Bin 9 55<60	Bin 10 60<70	Bin 11 70<80	Bin 12 >=80
Thu 28 Apr 2022	1517	56.1	46.2	9.5	0	4	30	125	252	273	348	240	128	106	9	2
Fri 29 Apr 2022	1498	54.1	44.2	9.5	0	6	56	179	276	287	305	217	99	66	5	2
Sat 30 Apr 2022	1496	56.8	46.2	10.3	0	3	42	150	244	235	338	230	138	86	24	6
Sun 1 May 2022	1291	56.1	45.6	10.1	0	1	56	124	203	247	260	202	103	76	18	1
Mon 2 May 2022	1436	55.7	45.5	9.9	0	1	48	157	238	260	287	227	120	82	16	0
Tue 3 May 2022	1466	54.1	44.7	9.1	0	1	40	177	232	305	321	238	90	51	9	2
Wed 4 May 2022	1572	55.1	45.4	9.3	0	1	52	129	277	308	349	233	141	70	10	2
5 Day Ave.	1498	55.0	45.2	9.5	0	3	45	153	255	287	322	231	116	75	10	2
7 Day Ave.	1468	55.4	45.4	9.7	0	2	46	149	246	274	315	227	117	77	13	2

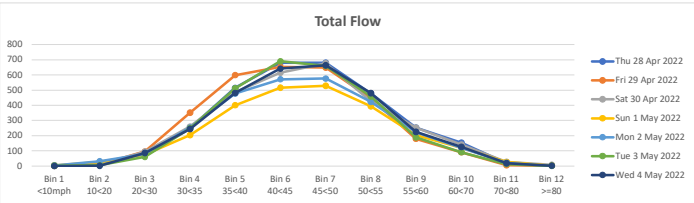
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Direction: Total Flow

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<30	Bin 4 30<35	Bin 5 35<40	Bin 6 40<45	Bin 7 45<50	Bin 8 50<55	Bin 9 55<60	Bin 10 60<70	Bin 11 70<80	Bin 12 >=80
Thu 28 Apr 2022	3129	55.0	45.4	9.3	1	16	82	251	515	680	681	479	252	153	17	2
Fri 29 Apr 2022	3081	53.0	43.9	8.8	0	10	95	351	599	653	649	446	179	91	6	2
Sat 30 Apr 2022	2996	55.4	45.4	9.6	1	10	94	260	487	614	676	427	252	141	27	7
Sun 1 May 2022	2500	55.6	45.3	10.0	4	27	76	204	401	516	528	393	203	120	26	2
Mon 2 May 2022	2780	54.9	44.9	9.7	3	31	79	254	478	572	576	424	223	120	20	0
Tue 3 May 2022	2928	53.7	44.9	8.5	2	5	60	248	512	690	659	458	188	91	13	2
Wed 4 May 2022	2968	54.7	45.4	9.0	0	1	85	244	481	642	664	480	225	126	18	2
5 Day Ave.	2977	54.3	44.9	9.1	1	13	80	270	517	647	646	457	213	116	15	2
7 Day Ave.	2912	54.6	45.0	9.3	2	14	82	259	496	624	633	444	217	120	18	2

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## North Wales ATC 14, A548

Direction: Southbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<30	Bin 4 30<35	Bin 5 35<40	Bin 6 40<45	Bin 7 45<50	Bin 8 50<55	Bin 9 55<60	Bin 10 60<70	Bin 11 70<80	Bin 12 >=80
Thu 28 Apr 2022	214	50.5	42.7	7.5	0	0	11	8	56	69	30	34	5	0	1	0
Fri 29 Apr 2022	191	49.2	41.3	7.6	0	1	7	25	54	46	36	14	7	1	0	0
Sat 30 Apr 2022	221	51.7	42.8	8.5	1	2	11	17	39	65	44	28	13	1	0	0
Sun 1 May 2022	195	53.4	43.1	9.9	1	6	3	24	41	27	42	39	9	2	1	0
Mon 2 May 2022	239	52.1	43.2	8.6	1	3	3	29	52	47	50	40	11	3	0	0
Tue 3 May 2022	190	50.9	44.0	6.6	0	1	1	8	43	57	39	37	3	1	0	0
Wed 4 May 2022	162	51.6	43.4	7.9	0	0	3	22	22	52	39	14	5	4	1	0
5 Day Ave.	199	50.9	42.9	7.6	0	1	5	18	45	54	39	28	6	2	0	0
7 Day Ave.	202	51.3	42.9	8.1	0	2	6	19	44	52	40	29	8	2	0	0

360 TSL Ltd

Direction: Northbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<30	Bin 4 30<35	Bin 5 35<40	Bin 6 40<45	Bin 7 45<50	Bin 8 50<55	Bin 9 55<60	Bin 10 60<70	Bin 11 70<80	Bin 12 >=80
Thu 28 Apr 2022	192	55.0	45.6	9.1	0	1	4	14	34	34	56	23	14	11	1	0
Fri 29 Apr 2022	240	51.8	43.1	8.3	0	2	5	37	35	61	54	32	9	5	0	0
Sat 30 Apr 2022	248	54.0	43.9	9.7	0	2	10	35	40	44	55	32	22	7	0	1
Sun 1 May 2022	237	54.8	44.1	10.4	0	0	13	31	50	37	46	23	22	12	3	0
Mon 2 May 2022	253	53.5	43.6	9.6	0	0	12	29	63	43	49	29	12	15	1	0
Tue 3 May 2022	199	51.5	42.6	8.6	0	0	7	32	43	44	32	28	9	3	1	0
Wed 4 May 2022	227	51.9	42.9	8.7	0	0	16	22	49	37	58	29	13	3	0	0
5 Day Ave.	222	52.8	43.6	8.9	0	1	9	27	45	44	50	28	11	7	1	0
7 Day Ave.	228	53.2	43.7	9.2	0	1	10	29	45	43	50	28	14	8	1	0

360 TSL Ltd

Direction: Total Flow

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<30	Bin 4 30<35	Bin 5 35<40	Bin 6 40<45	Bin 7 45<50	Bin 8 50<55	Bin 9 55<60	Bin 10 60<70	Bin 11 70<80	Bin 12 >=80
Thu 28 Apr 2022	406	52.8	44.1	8.4	0	1	15	22	90	103	86	57	19	11	2	0
Fri 29 Apr 2022	431	50.7	42.3	8.0	0	3	12	62	89	107	90	46	16	6	0	0
Sat 30 Apr 2022	469	52.9	43.4	9.2	1	4	21	52	79	109	99	60	35	8	0	1
Sun 1 May 2022	432	54.2	43.6	10.2	1	6	16	55	91	64	88	62	31	14	4	0
Mon 2 May 2022	492	52.9	43.4	9.1	1	3	15	58	115	90	99	69	23	18	1	0
Tue 3 May 2022	389	51.3	43.3	7.7	0	1	8	40	86	101	71	65	12	4	1	0
Wed 4 May 2022	389	51.8	43.1	8.4	0	0	19	44	71	89	97	43	18	7	1	0
5 Day Ave.	421	51.9	43.2	8.3	0	2	14	45	90	98	89	56	18	9	1	0
7 Day Ave.	430	52.4	43.3	8.7	0	3	15	48	89	95	90	57	22	10	1	0

360 TSL Ltd



## North Wales ATC 14, A548

Direction: Southbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<30	Bin 4 30<35	Bin 5 35<40	Bin 6 40<45	Bin 7 45<50	Bin 8 50<55	Bin 9 55<60	Bin 10 60<70	Bin 11 70<80	Bin 12 >=80
Thu 28 Apr 2022	231	51.6	43.2	8.1	0	1	6	33	35	59	51	33	10	3	0	0
Fri 29 Apr 2022	228	50.9	42.5	8.0	0	2	4	34	47	57	40	33	9	2	0	0
Sat 30 Apr 2022	270	53.2	42.8	10.0	0	0	24	27	55	63	49	22	11	19	0	0
Sun 1 May 2022	225	53.4	44.2	8.9	0	1	1	28	46	56	39	32	13	6	3	0
Mon 2 May 2022	260	50.5	43.2	7.0	0	1	1	25	52	91	47	33	6	4	0	0
Tue 3 May 2022	212	52.1	43.8	8.0	1	0	5	10	53	62	31	35	11	4	0	0
Wed 4 May 2022	198	53.0	44.0	8.6	0	0	3	26	37	47	41	29	7	6	2	0
5 Day Ave.	226	51.6	43.4	7.9	0	1	4	26	45	63	42	33	9	4	0	0
7 Day Ave.	232	52.1	43.4	8.4	0	1	6	26	46	62	43	31	10	6	1	0

360 TSL Ltd

Direction: Northbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<30	Bin 4 30<35	Bin 5 35<40	Bin 6 40<45	Bin 7 45<50	Bin 8 50<55	Bin 9 55<60	Bin 10 60<70	Bin 11 70<80	Bin 12 >=80
Thu 28 Apr 2022	233	55.5	45.5	9.7	0	0	5	24	48	37	46	47	9	13	4	0
Fri 29 Apr 2022	238	51.9	42.2	9.4	0	3	17	31	47	43	43	44	5	5	0	0
Sat 30 Apr 2022	267	56.2	45.8	10.1	0	1	4	20	50	54	72	37	10	10	6	3
Sun 1 May 2022	215	54.9	46.1	8.5	0	0	1	18	27	60	45	39	10	14	1	0
Mon 2 May 2022	212	54.2	45.2	8.7	0	0	1	26	29	55	49	31	6	14	1	0
Tue 3 May 2022	218	53.7	44.5	8.9	0	0	4	26	37	48	56	28	7	11	0	1
Wed 4 May 2022	209	54.3	44.5	9.5	0	1	9	21	33	48	45	25	15	12	0	0
5 Day Ave.	222	53.9	44.4	9.2	0	1	7	26	39	46	48	35	8	11	1	0
7 Day Ave.	227	54.4	44.8	9.2	0	1	6	24	39	49	51	36	9	11	2	1

360 TSL Ltd

Direction: Total Flow

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<30	Bin 4 30<35	Bin 5 35<40	Bin 6 40<45	Bin 7 45<50	Bin 8 50<55	Bin 9 55<60	Bin 10 60<70	Bin 11 70<80	Bin 12 >=80
Thu 28 Apr 2022	464	53.7	44.3	9.0	0	1	11	57	83	96	97	80	19	16	4	0
Fri 29 Apr 2022	466	51.4	42.3	8.7	0	5	21	65	94	100	83	77	14	7	0	0
Sat 30 Apr 2022	537	54.8	44.3	10.1	0	1	28	47	105	117	121	59	21	29	6	3
Sun 1 May 2022	440	54.2	45.2	8.7	0	1	2	46	73	116	84	71	23	20	4	0
Mon 2 May 2022	472	52.2	44.1	7.8	0	1	2	51	81	146	96	64	12	18	1	0
Tue 3 May 2022	430	52.9	44.2	8.4	1	0	9	36	90	110	87	63	18	15	0	1
Wed 4 May 2022	407	53.6	44.3	9.1	0	1	12	47	70	95	86	54	22	18	2	0
5 Day Ave.	448	52.8	43.8	8.6	0	2	11	51	84	109	90	68	17	15	1	0
7 Day Ave.	459	53.3	44.1	8.8	0	1	12	50	85	111	93	67	18	18	2	1

360 TSL Ltd



# North Wales ATC 14, A548

Direction: Southbound

28/04/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	3	1	1	1	0
01:00	2	2	0	0	0
02:00	3	1	2	0	0
03:00	2	0	0	2	0
04:00	2	1	0	0	1
05:00	1	1	0	0	0
06:00	25	18	6	1	0
07:00	51	39	9	1	2
08:00	107	80	26	1	0
09:00	114	75	35	2	2
10:00	125	112	11	1	1
11:00	89	72	15	1	1
12:00	78	63	15	0	0
13:00	114	86	24	2	2
14:00	116	84	32	0	0
15:00	115	86	29	0	0
16:00	166	129	34	0	3
17:00	140	114	21	2	3
18:00	107	80	25	2	0
19:00	109	99	9	1	0
20:00	59	53	6	0	0
21:00	35	32	3	0	0
22:00	38	37	1	0	0
23:00	11	10	1	0	0
Total					
12H(7-19)	1322	1020	276	12	14
16H(6-22)	1550	1222	300	14	14
18H(6-24)	1599	1269	302	14	14
24H(0-24)	1612	1275	305	17	15
AM Peak	10:00	10:00	09:00	03:00	07:00
	125	112	35	2	2
PM Peak	16:00	16:00	16:00	13:00	16:00
	166	129	34	2	3

360 TSL Ltd

Direction: Northbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	1	1	0	0	0
01:00	0	0	0	0	0
02:00	2	1	0	1	0
03:00	0	0	0	0	0
04:00	2	1	1	0	0
05:00	11	8	3	0	0
06:00	45	29	16	0	0
07:00	103	89	14	0	0
08:00	163	137	25	0	1
09:00	105	83	19	2	1
10:00	97	72	22	2	1
11:00	95	78	16	0	1
12:00	95	75	17	1	2
13:00	97	73	21	2	1
14:00	118	90	26	0	2
15:00	115	97	16	2	0
16:00	109	67	38	1	3
17:00	105	87	17	1	0
18:00	82	73	5	0	4
19:00	47	41	6	0	0
20:00	60	51	9	0	0
21:00	38	36	1	1	0
22:00	22	19	3	0	0
23:00	5	4	1	0	0
Total					
12H(7-19)	1284	1021	236	11	16
16H(6-22)	1474	1178	268	12	16
18H(6-24)	1501	1201	272	12	16
24H(0-24)	1517	1212	276	13	16
AM Peak	08:00	08:00	08:00	09:00	08:00
	163	137	25	2	1
PM Peak	14:00	15:00	16:00	13:00	18:00
	118	97	38	2	4

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	4	2	1	1	0
01:00	2	2	0	0	0
02:00	5	2	2	1	0
03:00	2	0	0	2	0
04:00	4	2	1	0	1
05:00	12	9	3	0	0
06:00	70	47	22	1	0
07:00	154	128	23	1	2
08:00	270	217	51	1	1
09:00	219	158	54	4	3
10:00	222	184	33	3	2
11:00	184	150	31	1	2
12:00	173	138	32	1	2
13:00	211	159	45	4	3
14:00	234	174	58	0	2
15:00	230	183	45	2	0
16:00	275	196	72	1	6
17:00	245	201	38	3	3
18:00	189	153	30	2	4
19:00	156	140	15	1	0
20:00	119	104	15	0	0
21:00	73	68	4	1	0
22:00	60	56	4	0	0
23:00	16	14	2	0	0
Total					
12H(7-19)	2606	2041	512	23	30
16H(6-22)	3024	2400	568	26	30
18H(6-24)	3100	2470	574	26	30
24H(0-24)	3129	2487	581	30	31
AM Peak	08:00	08:00	09:00	09:00	09:00
	270	217	54	4	3
PM Peak	16:00	17:00	16:00	13:00	16:00
	275	201	72	4	6

360 TSL Ltd



# North Wales ATC 14, A548

Direction: Southbound

29/04/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	9	9	0	0	0
01:00	1	1	0	0	0
02:00	0	0	0	0	0
03:00	2	0	1	1	0
04:00	1	0	0	0	1
05:00	2	1	1	0	0
06:00	31	15	13	2	1
07:00	54	41	10	1	2
08:00	85	65	19	0	1
09:00	101	65	30	2	4
10:00	98	77	19	1	1
11:00	93	63	28	1	1
12:00	88	75	13	0	0
13:00	109	89	16	0	4
14:00	111	102	8	1	0
15:00	117	95	20	1	1
16:00	170	141	27	2	0
17:00	181	152	27	1	1
18:00	120	105	15	0	0
19:00	60	52	8	0	0
20:00	50	39	11	0	0
21:00	40	39	1	0	0
22:00	45	36	9	0	0
23:00	15	13	2	0	0
Total					
12H(7-19)	1327	1070	232	10	15
16H(6-22)	1508	1215	265	12	16
18H(6-24)	1568	1264	276	12	16
24H(0-24)	1583	1275	278	13	17
AM Peak	09:00	10:00	09:00	06:00	09:00
	101	77	30	2	4
PM Peak	17:00	17:00	16:00	16:00	13:00
	181	152	27	2	4

360 TSL Ltd

Direction: Northbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	0	0	0	0	0
01:00	0	0	0	0	0
02:00	0	0	0	0	0
03:00	6	3	2	1	0
04:00	1	1	0	0	0
05:00	4	3	1	0	0
06:00	49	38	8	3	0
07:00	92	74	17	0	1
08:00	154	137	15	1	1
09:00	138	115	19	3	1
10:00	115	97	14	3	1
11:00	125	108	17	0	0
12:00	108	88	20	0	0
13:00	86	81	5	0	0
14:00	100	88	9	0	3
15:00	138	122	16	0	0
16:00	118	96	20	0	2
17:00	113	99	13	1	0
18:00	36	30	6	0	0
19:00	43	39	4	0	0
20:00	28	24	4	0	0
21:00	20	15	3	1	1
22:00	16	13	3	0	0
23:00	8	4	4	0	0
Total					
12H(7-19)	1323	1135	171	8	9
16H(6-22)	1463	1251	190	12	10
18H(6-24)	1487	1268	197	12	10
24H(0-24)	1498	1275	200	13	10
AM Peak	08:00	08:00	09:00	06:00	07:00
	154	137	19	3	1
PM Peak	15:00	15:00	12:00	17:00	14:00
	138	122	20	1	3

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	9	9	0	0	0
01:00	1	1	0	0	0
02:00	0	0	0	0	0
03:00	8	3	3	2	0
04:00	2	1	0	0	1
05:00	6	4	2	0	0
06:00	80	53	21	5	1
07:00	146	115	27	1	3
08:00	239	202	34	1	2
09:00	239	180	49	5	5
10:00	213	174	33	4	2
11:00	218	171	45	1	1
12:00	196	163	33	0	0
13:00	195	170	21	0	4
14:00	211	190	17	1	3
15:00	255	217	36	1	1
16:00	288	237	47	2	2
17:00	294	251	40	2	1
18:00	156	135	21	0	0
19:00	103	91	12	0	0
20:00	78	63	15	0	0
21:00	60	54	4	1	1
22:00	61	49	12	0	0
23:00	23	17	6	0	0
Total					
12H(7-19)	2650	2205	403	18	24
16H(6-22)	2971	2466	455	24	26
18H(6-24)	3055	2532	473	24	26
24H(0-24)	3081	2550	478	26	27
AM Peak	08:00	08:00	09:00	06:00	09:00
	239	202	49	5	5
PM Peak	17:00	17:00	16:00	16:00	13:00
	294	251	47	2	4

360 TSL Ltd



# North Wales ATC 14, A548

Direction: Southbound

30/04/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	2	1	1	0	0
01:00	5	4	1	0	0
02:00	2	1	1	0	0
03:00	2	2	0	0	0
04:00	1	0	0	0	1
05:00	1	0	1	0	0
06:00	9	9	0	0	0
07:00	36	22	11	0	3
08:00	50	27	20	0	3
09:00	65	51	14	0	0
10:00	81	73	5	1	2
11:00	140	111	27	1	1
12:00	167	143	24	0	0
13:00	132	96	32	1	3
14:00	131	114	17	0	0
15:00	139	117	21	0	1
16:00	110	94	14	2	0
17:00	120	105	13	1	1
18:00	88	80	8	0	0
19:00	94	85	9	0	0
20:00	36	28	8	0	0
21:00	48	46	1	1	0
22:00	27	21	6	0	0
23:00	14	12	2	0	0
Total					
12H(7-19)	1259	1033	206	6	14
16H(6-22)	1446	1201	224	7	14
18H(6-24)	1487	1234	232	7	14
24H(0-24)	1500	1242	236	7	15
AM Peak	11:00 140	11:00 111	11:00 27	10:00 1	07:00 3
PM Peak	12:00 167	12:00 143	13:00 32	16:00 2	13:00 3

360 TSL Ltd

Direction: Northbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	2	1	1	0	0
01:00	4	4	0	0	0
02:00	1	1	0	0	0
03:00	1	0	1	0	0
04:00	2	1	0	0	1
05:00	6	6	0	0	0
06:00	17	14	3	0	0
07:00	27	23	4	0	0
08:00	59	51	7	0	1
09:00	124	118	5	0	1
10:00	116	100	15	1	0
11:00	132	118	14	0	0
12:00	121	106	14	0	1
13:00	115	101	14	0	0
14:00	141	119	19	3	0
15:00	126	103	23	0	0
16:00	122	106	15	0	1
17:00	121	108	13	0	0
18:00	81	72	6	3	0
19:00	66	63	3	0	0
20:00	41	36	5	0	0
21:00	34	27	4	3	0
22:00	30	25	5	0	0
23:00	7	5	2	0	0
Total					
12H(7-19)	1285	1125	149	7	4
16H(6-22)	1443	1265	164	10	4
18H(6-24)	1480	1295	171	10	4
24H(0-24)	1496	1308	173	10	5
AM Peak	11:00 132	09:00 118	10:00 15	10:00 1	04:00 1
PM Peak	14:00 141	14:00 119	15:00 23	14:00 3	12:00 1

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	4	2	2	0	0
01:00	9	8	1	0	0
02:00	3	2	1	0	0
03:00	3	2	1	0	0
04:00	3	1	0	0	2
05:00	7	6	1	0	0
06:00	26	23	3	0	0
07:00	63	45	15	0	3
08:00	109	78	27	0	4
09:00	189	169	19	0	1
10:00	197	173	20	2	2
11:00	272	229	41	1	1
12:00	288	249	38	0	1
13:00	247	197	46	1	3
14:00	272	233	36	3	0
15:00	265	220	44	0	1
16:00	232	200	29	2	1
17:00	241	213	26	1	1
18:00	169	152	14	3	0
19:00	160	148	12	0	0
20:00	77	64	13	0	0
21:00	82	73	5	4	0
22:00	57	46	11	0	0
23:00	21	17	4	0	0
Total					
12H(7-19)	2544	2158	355	13	18
16H(6-22)	2889	2466	388	17	18
18H(6-24)	2967	2529	403	17	18
24H(0-24)	2996	2550	409	17	20
AM Peak	11:00 272	11:00 229	11:00 41	10:00 2	08:00 4
PM Peak	12:00 288	12:00 249	13:00 46	21:00 4	13:00 3

360 TSL Ltd



# North Wales ATC 14, A548

Direction: Southbound

01/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	13	10	2	1	0
01:00	6	4	2	0	0
02:00	6	6	0	0	0
03:00	1	1	0	0	0
04:00	1	1	0	0	0
05:00	2	1	1	0	0
06:00	6	6	0	0	0
07:00	17	15	2	0	0
08:00	34	29	5	0	0
09:00	62	48	14	0	0
10:00	66	61	4	0	1
11:00	129	113	16	0	0
12:00	122	116	5	1	0
13:00	121	105	15	0	1
14:00	126	108	18	0	0
15:00	99	81	18	0	0
16:00	113	110	3	0	0
17:00	78	65	13	0	0
18:00	74	65	9	0	0
19:00	54	48	6	0	0
20:00	46	39	6	0	1
21:00	21	20	1	0	0
22:00	6	5	1	0	0
23:00	6	5	0	0	1
Total					
12H(7-19)	1041	916	122	1	2
16H(6-22)	1168	1029	135	1	3
18H(6-24)	1180	1039	136	1	4
24H(0-24)	1209	1062	141	2	4
AM Peak	11:00	11:00	11:00	00:00	10:00
	129	113	16	1	1
PM Peak	14:00	12:00	14:00	12:00	13:00
	126	116	18	1	1

360 TSL Ltd

Direction: Northbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	8	5	3	0	0
01:00	2	1	1	0	0
02:00	5	3	2	0	0
03:00	2	1	1	0	0
04:00	2	2	0	0	0
05:00	1	1	0	0	0
06:00	4	3	1	0	0
07:00	29	27	1	1	0
08:00	47	44	3	0	0
09:00	74	66	6	0	2
10:00	106	88	17	1	0
11:00	131	118	13	0	0
12:00	137	123	12	1	1
13:00	95	88	7	0	0
14:00	124	116	7	0	1
15:00	91	87	4	0	0
16:00	116	113	3	0	0
17:00	101	97	3	0	1
18:00	77	66	11	0	0
19:00	55	49	6	0	0
20:00	43	37	6	0	0
21:00	26	25	1	0	0
22:00	13	12	1	0	0
23:00	2	2	0	0	0
Total					
12H(7-19)	1128	1033	87	3	5
16H(6-22)	1256	1147	101	3	5
18H(6-24)	1271	1161	102	3	5
24H(0-24)	1291	1174	109	3	5
AM Peak	11:00	11:00	10:00	07:00	09:00
	131	118	17	1	2
PM Peak	12:00	12:00	12:00	12:00	12:00
	137	123	12	1	1

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	21	15	5	1	0
01:00	8	5	3	0	0
02:00	11	9	2	0	0
03:00	3	2	1	0	0
04:00	3	3	0	0	0
05:00	3	2	1	0	0
06:00	10	9	1	0	0
07:00	46	42	3	1	0
08:00	81	73	8	0	0
09:00	136	114	20	0	2
10:00	172	149	21	1	1
11:00	260	231	29	0	0
12:00	259	239	17	2	1
13:00	216	193	22	0	1
14:00	250	224	25	0	1
15:00	190	168	22	0	0
16:00	229	223	6	0	0
17:00	179	162	16	0	1
18:00	151	131	20	0	0
19:00	109	97	12	0	0
20:00	89	76	12	0	1
21:00	47	45	2	0	0
22:00	19	17	2	0	0
23:00	8	7	0	0	1
Total					
12H(7-19)	2169	1949	209	4	7
16H(6-22)	2424	2176	236	4	8
18H(6-24)	2451	2200	238	4	9
24H(0-24)	2500	2236	250	5	9
AM Peak	11:00	11:00	11:00	00:00	09:00
	260	231	29	1	2
PM Peak	12:00	12:00	14:00	12:00	12:00
	259	239	25	2	1

360 TSL Ltd



# North Wales ATC 14, A548

Direction: Southbound

02/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	4	3	1	0	0
01:00	3	1	1	1	0
02:00	1	1	0	0	0
03:00	1	0	0	1	0
04:00	3	3	0	0	0
05:00	1	0	1	0	0
06:00	12	11	1	0	0
07:00	24	18	6	0	0
08:00	35	34	1	0	0
09:00	63	50	13	0	0
10:00	94	79	14	0	1
11:00	145	127	18	0	0
12:00	148	137	10	1	0
13:00	135	118	15	1	1
14:00	151	139	12	0	0
15:00	109	95	14	0	0
16:00	115	112	3	0	0
17:00	88	74	14	0	0
18:00	82	64	18	0	0
19:00	45	37	8	0	0
20:00	36	33	3	0	0
21:00	22	21	1	0	0
22:00	17	16	1	0	0
23:00	10	9	0	0	1
Total					
12H(7-19)	1189	1047	138	2	2
16H(6-22)	1304	1149	151	2	2
18H(6-24)	1331	1174	152	2	3
24H(0-24)	1344	1182	155	4	3
AM Peak	11:00	11:00	11:00	01:00	10:00
	145	127	18	1	1
PM Peak	14:00	14:00	18:00	12:00	13:00
	151	139	18	1	1

360 TSL Ltd

Direction: Northbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	3	1	1	1	0
01:00	4	3	1	0	0
02:00	3	0	1	0	2
03:00	0	0	0	0	0
04:00	2	2	0	0	0
05:00	2	2	0	0	0
06:00	6	2	3	1	0
07:00	27	25	1	1	0
08:00	38	36	2	0	0
09:00	98	92	5	0	1
10:00	107	91	15	1	0
11:00	146	125	20	1	0
12:00	157	138	18	1	0
13:00	118	111	7	0	0
14:00	124	116	7	0	1
15:00	88	84	3	1	0
16:00	152	148	4	0	0
17:00	94	90	3	0	1
18:00	89	73	16	0	0
19:00	83	74	9	0	0
20:00	47	42	3	2	0
21:00	29	27	2	0	0
22:00	16	15	1	0	0
23:00	3	3	0	0	0
Total					
12H(7-19)	1238	1129	101	5	3
16H(6-22)	1403	1274	118	8	3
18H(6-24)	1422	1292	119	8	3
24H(0-24)	1436	1300	122	9	5
AM Peak	11:00	11:00	11:00	00:00	02:00
	146	125	20	1	2
PM Peak	12:00	16:00	12:00	20:00	14:00
	157	148	18	2	1

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	7	4	2	1	0
01:00	7	4	2	1	0
02:00	4	1	1	0	2
03:00	1	0	0	1	0
04:00	5	5	0	0	0
05:00	3	2	1	0	0
06:00	18	13	4	1	0
07:00	51	43	7	1	0
08:00	73	70	3	0	0
09:00	161	142	18	0	1
10:00	201	170	29	1	1
11:00	291	252	38	1	0
12:00	305	275	28	2	0
13:00	253	229	22	1	1
14:00	275	255	19	0	1
15:00	197	179	17	1	0
16:00	267	260	7	0	0
17:00	182	164	17	0	1
18:00	171	137	34	0	0
19:00	128	111	17	0	0
20:00	83	75	6	2	0
21:00	51	48	3	0	0
22:00	33	31	2	0	0
23:00	13	12	0	0	1
Total					
12H(7-19)	2427	2176	239	7	5
16H(6-22)	2707	2423	269	10	5
18H(6-24)	2753	2466	271	10	6
24H(0-24)	2780	2482	277	13	8
AM Peak	11:00	11:00	11:00	00:00	02:00
	291	252	38	1	2
PM Peak	12:00	12:00	18:00	12:00	13:00
	305	275	34	2	1

360 TSL Ltd



# North Wales ATC 14, A548

Direction: Southbound

03/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	4	3	1	0	0
01:00	0	0	0	0	0
02:00	0	0	0	0	0
03:00	4	4	0	0	0
04:00	4	0	3	1	0
05:00	1	1	0	0	0
06:00	27	22	4	1	0
07:00	69	38	29	1	1
08:00	98	67	29	1	1
09:00	104	76	27	0	1
10:00	108	79	26	0	3
11:00	82	69	13	0	0
12:00	81	63	16	1	1
13:00	81	69	11	0	1
14:00	87	60	21	2	4
15:00	125	107	17	0	1
16:00	134	114	19	1	0
17:00	170	136	33	0	1
18:00	105	94	11	0	0
19:00	59	54	4	1	0
20:00	50	47	2	1	0
21:00	39	38	1	0	0
22:00	24	20	4	0	0
23:00	6	3	3	0	0
Total					
12H(7-19)	1244	972	252	6	14
16H(6-22)	1419	1133	263	9	14
18H(6-24)	1449	1156	270	9	14
24H(0-24)	1462	1164	274	10	14
AM Peak	10:00	10:00	07:00	04:00	10:00
	108	79	29	1	3
PM Peak	17:00	17:00	17:00	14:00	14:00
	170	136	33	2	4

360 TSL Ltd

Direction: Northbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	3	3	0	0	0
01:00	0	0	0	0	0
02:00	0	0	0	0	0
03:00	0	0	0	0	0
04:00	1	1	0	0	0
05:00	11	10	1	0	0
06:00	29	24	4	1	0
07:00	79	65	11	2	1
08:00	159	144	13	2	0
09:00	120	113	5	0	2
10:00	114	84	28	0	2
11:00	85	82	3	0	0
12:00	115	96	18	0	1
13:00	99	74	23	2	0
14:00	105	91	13	0	1
15:00	113	96	15	2	0
16:00	125	93	31	0	1
17:00	104	99	5	0	0
18:00	84	77	4	2	1
19:00	59	53	6	0	0
20:00	24	23	1	0	0
21:00	21	18	3	0	0
22:00	10	9	1	0	0
23:00	6	5	1	0	0
Total					
12H(7-19)	1302	1114	169	10	9
16H(6-22)	1435	1232	183	11	9
18H(6-24)	1451	1246	185	11	9
24H(0-24)	1466	1260	186	11	9
AM Peak	08:00	08:00	10:00	07:00	09:00
	159	144	28	2	2
PM Peak	16:00	17:00	16:00	13:00	12:00
	125	99	31	2	1

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	7	6	1	0	0
01:00	0	0	0	0	0
02:00	0	0	0	0	0
03:00	4	4	0	0	0
04:00	5	1	3	1	0
05:00	12	11	1	0	0
06:00	56	46	8	2	0
07:00	148	103	40	3	2
08:00	257	211	42	3	1
09:00	224	189	32	0	3
10:00	222	163	54	0	5
11:00	167	151	16	0	0
12:00	196	159	34	1	2
13:00	180	143	34	2	1
14:00	192	151	34	2	5
15:00	238	203	32	2	1
16:00	259	207	50	1	1
17:00	274	235	38	0	1
18:00	189	171	15	2	1
19:00	118	107	10	1	0
20:00	74	70	3	1	0
21:00	60	56	4	0	0
22:00	34	29	5	0	0
23:00	12	8	4	0	0
Total					
12H(7-19)	2546	2086	421	16	23
16H(6-22)	2854	2365	446	20	23
18H(6-24)	2900	2402	455	20	23
24H(0-24)	2928	2424	460	21	23
AM Peak	08:00	08:00	10:00	07:00	10:00
	257	211	54	3	5
PM Peak	17:00	17:00	16:00	13:00	14:00
	274	235	50	2	5

360 TSL Ltd



# North Wales ATC 14, A548

Direction: Southbound

04/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	2	1	1	0	0
01:00	1	1	0	0	0
02:00	0	0	0	0	0
03:00	6	3	2	1	0
04:00	0	0	0	0	0
05:00	4	1	3	0	0
06:00	15	10	4	1	0
07:00	63	40	19	0	4
08:00	98	64	31	2	1
09:00	87	55	30	1	1
10:00	65	51	13	0	1
11:00	97	83	12	1	1
12:00	94	66	24	0	4
13:00	91	70	17	2	2
14:00	92	66	25	0	1
15:00	106	85	19	1	1
16:00	148	121	27	0	0
17:00	156	119	35	0	2
18:00	104	80	23	0	1
19:00	62	50	12	0	0
20:00	55	51	4	0	0
21:00	23	14	9	0	0
22:00	18	17	1	0	0
23:00	9	5	4	0	0
Total					
12H(7-19)	1201	900	275	7	19
16H(6-22)	1356	1025	304	8	19
18H(6-24)	1383	1047	309	8	19
24H(0-24)	1396	1053	315	9	19
AM Peak	08:00	11:00	08:00	08:00	07:00
	98	83	31	2	4
PM Peak	17:00	16:00	17:00	13:00	12:00
	156	121	35	2	4

360 TSL Ltd

Direction: Northbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	2	1	1	0	0
01:00	0	0	0	0	0
02:00	0	0	0	0	0
03:00	2	0	0	2	0
04:00	4	3	0	1	0
05:00	11	7	3	1	0
06:00	41	27	13	1	0
07:00	74	61	13	0	0
08:00	190	167	22	1	0
09:00	138	118	14	2	4
10:00	124	99	22	2	1
11:00	103	81	18	4	0
12:00	112	87	24	0	1
13:00	119	90	29	0	0
14:00	94	65	28	1	0
15:00	115	94	20	1	0
16:00	125	88	35	0	2
17:00	101	86	12	0	3
18:00	93	80	13	0	0
19:00	44	31	12	1	0
20:00	26	24	1	1	0
21:00	28	24	4	0	0
22:00	21	20	1	0	0
23:00	5	4	0	0	1
Total					
12H(7-19)	1388	1116	250	11	11
16H(6-22)	1527	1222	280	14	11
18H(6-24)	1553	1246	281	14	12
24H(0-24)	1572	1257	285	18	12
AM Peak	08:00	08:00	08:00	11:00	09:00
	190	167	22	4	4
PM Peak	16:00	15:00	16:00	14:00	17:00
	125	94	35	1	3

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	4	2	2	0	0
01:00	1	1	0	0	0
02:00	0	0	0	0	0
03:00	8	3	2	3	0
04:00	4	3	0	1	0
05:00	15	8	6	1	0
06:00	56	37	17	2	0
07:00	137	101	32	0	4
08:00	288	231	53	3	1
09:00	225	173	44	3	5
10:00	189	150	35	2	2
11:00	200	164	30	5	1
12:00	206	153	48	0	5
13:00	210	160	46	2	2
14:00	186	131	53	1	1
15:00	221	179	39	2	1
16:00	273	209	62	0	2
17:00	257	205	47	0	5
18:00	197	160	36	0	1
19:00	106	81	24	1	0
20:00	81	75	5	1	0
21:00	51	38	13	0	0
22:00	39	37	2	0	0
23:00	14	9	4	0	1
Total					
12H(7-19)	2589	2016	525	18	30
16H(6-22)	2883	2247	584	22	30
18H(6-24)	2936	2293	590	22	31
24H(0-24)	2968	2310	600	27	31
AM Peak	08:00	08:00	08:00	11:00	09:00
	288	231	53	5	5
PM Peak	16:00	16:00	16:00	13:00	12:00
	273	209	62	2	5

360 TSL Ltd



North Wales ATC 14, A548

Direction: Southbound																	28/04/2022
Hour	Total	ECM	Mean	Standard	Bin 1	Bin 2	Bin 3	Bin 4	Bin 5	Bin 6	Bin 7	Bin 8	Bin 9	Bin 10	Bin 11	Bin 12	
Beginning	Volume	Percentile	Average	Deviation	<10th%	10-20	20-30	30-40	40-50	50-60	60-70	70-80	80-90	90-95	95-99	>99%	
00:00	3	42.2	20.2	2.9	0	0	0	0	0	0	0	0	0	0	0	0	
01:00	2	32.5	32.5	0.0	0	0	0	0	0	0	0	0	2	0	0	0	
02:00	3	42.2	38.2	2.9	0	0	0	0	0	0	0	0	0	0	0	0	
03:00	2	32.5	32.5	0.0	0	0	0	2	0	0	0	0	0	0	0	0	
04:00	2	49.8	42.5	7.1	0	0	0	0	1	1	1	1	0	0	0	0	
05:00	1	-	47.5	-	0	0	0	0	0	0	1	0	0	0	0	0	
06:00	25	59.0	50.1	8.6	0	0	0	1	4	2	4	2	12	0	0	0	
07:00	51	55.0	47.5	7.3	0	0	0	1	5	15	14	9	4	1	0	0	
08:00	107	52.7	42.9	9.4	0	3	3	15	13	28	22	15	6	2	0	0	
09:00	114	52.9	46.1	8.4	0	2	5	4	11	44	29	15	4	1	0	0	
10:00	125	50.8	42.4	8.1	0	0	10	3	30	44	16	17	4	0	1	0	
11:00	89	48.9	43.1	6.5	0	0	1	5	26	25	14	17	1	0	0	0	
12:00	78	51.5	42.2	8.0	1	0	6	2	16	28	16	5	1	3	0	0	
13:00	114	55.0	45.0	9.7	0	1	2	30	13	32	20	13	4	1	0	0	
14:00	115	52.8	44.9	7.6	0	0	4	3	22	27	31	20	6	2	0	0	
15:00	186	54.1	44.9	8.1	0	1	4	15	35	21	45	24	5	3	2	0	
16:00	140	54.2	45.4	8.5	0	1	1	12	25	35	32	18	15	5	0	0	
17:00	107	57.0	45.4	11.2	0	4	4	10	11	16	22	19	18	2	1	0	
18:00	109	57.3	47.8	9.2	0	0	4	3	5	30	29	24	1	12	1	0	
19:00	59	56.0	45.7	9.9	0	0	6	2	5	11	14	12	7	2	0	0	
20:00	35	51.4	42.9	8.1	0	0	1	5	5	13	4	5	3	1	0	0	
21:00	38	59.5	49.7	9.5	0	0	0	1	7	6	5	4	11	4	0	0	
22:00	11	65.5	53.6	6.6	0	0	0	0	0	1	3	1	5	1	0	0	
Total																	
2H14-12	214	50.5	42.7	7.5	0	0	11	8	56	69	30	34	5	0	1	0	
2H14-16	231	51.6	43.2	8.1	0	1	6	33	35	59	51	33	10	3	0	0	
12H7-19	1122	53.2	44.0	8.8	1	12	41	112	212	342	272	189	87	27	7	0	
24H0-24	6112	53.9	46.6	9.0	1	12	52	126	263	407	333	239	124	47	8	0	
AM Peak	10:00	06:00	01:00	08:00	00:00	08:00	10:00	08:00	10:00	10:00	09:00	10:00	06:00	07:00	10:00	00:00	
	125	50.8	42.4	8.1	0	0	10	3	30	44	16	17	4	0	1	0	
PM Peak	16:00	23:00	23:00	18:00	12:00	18:00	12:00	14:00	16:00	17:00	16:00	16:00	18:00	19:00	13:00	12:00	
	166	65.5	53.6	11.2	1	4	6	35	38	35	45	24	18	12	3	0	

360 TSL Ltd

Direction: Northbound																
Hour Beginning	Total Volume	ECM Percentile	Mean Average	Standard Deviation	Bin 1 <10th%	Bin 2 10-20	Bin 3 20-30	Bin 4 30-40	Bin 5 40-50	Bin 6 50-60	Bin 7 60-70	Bin 8 70-80	Bin 9 80-90	Bin 10 90-95	Bin 11 95-99	Bin 12 >99%
00:00	1	-	37.5	-	0	0	0	0	1	0	0	0	0	0	0	0
01:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
02:00	2	47.5	47.5	0.0	0	0	0	0	0	0	2	0	0	0	0	0
03:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
04:00	2	57.5	57.5	0.0	0	0	0	0	0	0	0	0	0	2	0	0
05:00	11	58.8	46.8	11.5	0	0	0	0	3	0	2	11	4	0	0	0
06:00	46	59.3	47.4	11.4	0	0	0	7	9	2	11	11	4	5	6	1
07:00	103	56.9	48.5	8.1	0	0	1	3	11	14	36	20	9	9	0	0
08:00	163	54.2	46.0	7.8	0	1	11	26	39	34	33	13	6	0	0	0
09:00	105	54.2	44.5	9.4	0	0	5	12	15	24	24	9	11	5	0	0
10:00	97	51.5	42.9	8.4	0	1	3	12	20	18	31	5	5	2	0	0
11:00	95	57.7	48.5	8.9	0	0	2	14	16	25	18	9	9	1	0	0
12:00	95	57.0	48.5	10.2	0	1	1	7	18	9	32	13	7	5	1	1
13:00	97	54.3	54.5	9.5	1	2	6	24	27	14	4	34	5	0	0	0
14:00	118	56.2	45.4	10.4	0	0	2	12	31	16	24	16	5	9	3	0
15:00	115	54.8	45.5	9.0	0	0	3	12	17	21	22	12	4	1	0	0
16:00	109	51.8	44.1	7.4	0	0	2	9	16	37	27	10	5	3	0	0
17:00	105	58.5	48.2	10.0	0	0	1	13	9	18	16	25	11	13	0	0
18:00	82	56.9	45.6	10.9	0	1	3	5	24	48	37	46	47	9	1	0
19:00	47	62.3	48.9	13.0	0	0	4	3	4	6	12	2	4	11	1	0
20:00	60	67.2	48.6	8.3	0	0	0	5	3	15	11	12	3	0	0	0
21:00	38	59.5	48.5	10.6	0	0	0	1	10	2	10	9	1	4	0	1
22:00	22	62.4	50.7	11.9	0	0	1	2	1	0	1	1	1	0	1	0
23:00	5	56.2	48.5	7.4	0	0	0	1	0	2	1	1	0	0	0	0
Total																
216/216	192	55.0	45.6	9.1	0	1	4	14	34	34	56	23	14	11	1	0
216/216	192	55.5	45.1	9.3	0	0	5	24	48	37	46	47	9	1	0	0
216/216	192	55.5	45.1	9.3	0	0	5	24	48	37	46	47	9	1	0	0
216/216	192	55.5	45.1	9.3	0	0	5	24	48	37	46	47	9	1	0	0
216/216	192	55.5	45.1	9.3	0	0	5	24	48	37	46	47	9	1	0	0
216/216	192	55.5	45.1	9.3	0	0	5	24	48	37	46	47	9	1	0	0
216/216	192	55.5	45.1	9.3	0	0	5	24	48	37	46	47	9	1	0	0
216/216	192	55.5	45.1	9.3	0	0	5	24	48	37	46	47	9	1	0	0
216/216	192	55.5	45.1	9.3	0	0	5	24	48	37	46	47	9	1	0	0
216/216	192	55.5	45.1	9.3	0	0	5	24	48	37	46	47	9	1	0	0
216/216	192	55.5	45.1	9.3	0	0	5	24	48	37	46	47	9	1	0	0
216/216	192	55.5	45.1	9.3	0	0	5	24	48	37	46	47	9	1	0	0
216/216	192	55.5	45.1	9.3	0	0	5	24	48	37	46	47	9	1	0	0
216/216	192	55.5	45.1	9.3	0	0	5	24	48	37	46	47	9	1	0	0
216/216	192	55.5	45.1	9.3	0	0	5	24	48	37	46	47	9	1	0	0
216/216	192	55.5	45.1	9.3	0	0	5	24	48	37	46	47	9	1	0	0
216/216	192	55.5	45.1	9.3	0	0	5	24	48	37	46	47	9	1	0	0
216/216	192	55.5	45.1	9.3	0	0	5	24	48	37	46	47	9	1	0	0
216/216	192	55.5	45.1	9.3	0	0	5	24	48	37	46	47	9	1	0	0
216/216	192	55.5	45.1	9.3	0	0	5	24	48	37	46	47	9	1	0	0
216/216	192	55.5	45.1	9.3	0	0	5	24	48	37	46	47	9	1	0	0
216/216	192	55.5	45.1	9.3	0	0	5	24	48	37	46	47	9	1	0	0
216/216	192	55.5	45.1	9.3	0	0	5	24	48	37	46	47	9	1	0	0
216/216	192	55.5	45.1	9.3	0	0	5	24	48	37	46	47	9	1	0	0
216/216	192	55.5	45.1	9.3	0	0	5	24	48	37	46	47	9	1	0	0
216/216	192	55.5	45.1	9.3	0	0	5	24	48	37	46	47	9	1	0	0
216/216	192	55.5	45.1	9.3	0	0	5	24	48	37	46	47	9	1	0	0
216/216	192	55.5	45.1	9.3	0	0	5	24	48	37	46	47	9	1	0	0
216/216	192	55.5	45.1	9.3	0	0	5	24	48	37	46	47	9	1	0	0
216/216	192	55.5	45.1	9.3	0	0	5	24	48	37	46	47	9	1	0	0
216/216	192	55.5	45.1	9.3	0	0	5	24	48	37	46	47	9	1	0	0
216/216	192	55.5	45.1	9.3	0	0	5	24	48	37	46	47	9	1	0	0
216/216	192	55.5	45.1	9.3	0	0	5	24	48	37	46	47	9	1	0	0
216/216	192	55.5	45.1	9.3	0	0	5	24	48	37	46	47	9	1	0	0
216/216	192	55.5	45.1	9.3	0	0	5	24	48	37	46	47	9	1	0	0
216/216	192	55.5	45.1	9.3	0	0	5	24	48	37	46	47	9			



North Wales ATC 14, A548

Direction: Southbound

29/04/2022																
Hour	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-40	Bin 5 40-50	Bin 6 50-60	Bin 7 60-70	Bin 8 70-80	Bin 9 80-90	Bin 10 90-100	Bin 11 100-110	Bin 12 >110
00:00	9	48.3	42.5	5.6	0	0	0	0	0	4	2	0	1	0	0	0
01:00	1	-	47.5	-	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
03:00	2	42.5	42.5	0.0	0	0	0	0	0	2	2	0	0	0	0	0
04:00	1	-	42.5	-	0	0	0	0	0	1	0	0	0	0	0	0
05:00	2	32.5	32.5	0.0	0	0	0	2	0	0	0	0	0	0	0	0
06:00	31	57.3	48.6	8.4	0	0	0	1	3	4	14	3	4	1	1	0
07:00	14	51.4	45.7	6.4	0	0	0	0	7	20	15	9	3	0	0	0
08:00	85	49.5	41.7	7.5	1	1	1	11	23	24	13	10	1	1	0	0
09:00	101	49.5	42.1	7.1	0	0	2	12	30	21	20	9	1	0	0	0
10:00	98	51.7	43.6	7.8	0	1	6	26	23	21	13	6	1	0	0	0
11:00	93	45.7	38.9	6.5	0	0	6	19	28	23	15	1	1	0	0	0
12:00	88	49.3	42.7	6.9	0	0	2	10	24	19	22	9	2	0	0	0
13:00	109	47.9	39.4	8.2	0	0	13	18	26	27	9	16	0	0	0	0
14:00	111	51.4	43.0	8.2	0	0	3	17	22	28	14	20	6	1	0	0
15:00	117	50.4	42.2	7.9	0	2	1	17	25	29	26	13	3	1	0	0
16:00	170	50.3	44.2	6.9	0	0	3	14	39	39	46	34	16	5	2	0
17:00	181	51.7	44.7	7.7	0	0	4	17	29	36	48	35	10	2	0	0
18:00	120	56.7	47.2	9.2	0	0	1	13	12	25	22	23	15	9	0	0
19:00	60	56.7	46.6	9.2	0	0	0	8	7	14	7	11	10	3	0	0
20:00	50	53.8	47.8	5.9	0	0	1	1	2	5	25	13	3	0	0	0
21:00	40	53.8	45.3	8.3	0	0	1	5	4	6	13	8	2	1	0	0
22:00	45	55.3	47.5	7.5	0	0	0	1	10	3	12	15	2	2	0	0
23:00	15	56.7	48.3	8.1	0	0	0	0	2	5	1	4	2	1	0	0
Total																
29E14-12	191	49.2	43.3	7.6	0	1	7	25	54	46	36	14	7	1	0	0
29E14-16	228	50.9	42.5	8.0	0	2	4	34	47	57	40	33	9	2	0	0
12N17-19	1127	51.3	42.9	7.9	0	4	37	154	291	324	269	174	127	17	0	0
24H10-24	1583	51.5	43.6	8.0	0	4	39	172	323	366	344	229	80	25	1	0
AM Peak																
09:00	06:00	06:00	06:00	06:00	00:00	08:00	11:00	11:00	09:00	08:00	10:00	10:00	10:00	06:00	06:00	00:00
101	57.3	48.6	8.4	0	0	1	6	19	30	24	21	13	6	1	1	0
PM Peak																
17:00	23:00	23:00	23:00	23:00	12:00	15:00	13:00	13:00	16:00	16:00	17:00	17:00	18:00	18:00	12:00	12:00
181	56.7	48.3	9.2	0	2	13	18	35	47	48	35	15	9	0	0	0

360 TSL Ltd

Direction: Northbound

30/04/2022																	
Hour Beginning	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-40	Bin 5 40-50	Bin 6 50-60	Bin 7 60-70	Bin 8 70-80	Bin 9 80-90	Bin 10 90-100	Bin 11 100-110	Bin 12 >110	
00:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0	
01:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0	
02:00	0	-	-	-	0	0	0	0	5	1	0	0	0	0	0	0	
03:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0	
04:00	6	40.4	38.3	2.0	0	0	0	0	5	1	0	0	0	0	0	0	
05:00	1	-	75.0	-	0	0	0	0	0	0	0	0	0	0	0	1	
06:00	4	63.6	51.1	10.1	0	0	0	0	0	1	1	0	0	0	1	1	
07:00	49	65.0	53.5	11.1	0	0	0	4	4	4	5	8	6	18	0	0	
08:00	92	56.2	46.7	9.1	0	0	1	7	16	13	23	20	5	6	1	0	
09:00	154	52.8	44.3	8.2	0	1	16	33	34	34	39	20	4	4	1	0	
10:00	138	51.8	41.8	9.6	0	1	11	20	29	27	24	13	9	4	0	0	
11:00	115	51.6	44.8	8.5	0	1	12	15	33	36	24	17	6	5	0	0	
12:00	125	49.8	41.6	8.0	0	1	4	25	22	25	30	15	3	0	0	0	
13:00	108	52.7	43.1	9.3	0	0	4	17	24	16	27	10	8	1	0	1	
14:00	86	48.8	40.1	8.4	0	0	8	12	26	20	10	1	7	0	0	0	
15:00	100	53.5	43.2	9.9	0	1	10	6	17	21	19	20	2	4	0	0	
16:00	138	50.7	41.4	8.9	0	2	7	25	30	22	24	14	3	1	0	0	
17:00	118	55.0	45.9	8.8	0	0	2	10	18	27	24	18	13	6	0	0	
18:00	113	55.3	46.8	9.1	0	0	3	11	22	10	26	24	15	1	1	0	
19:00	36	58.3	48.1	10.4	0	0	2	4	5	4	12	3	4	0	0	0	
20:00	43	60.5	48.3	11.8	0	0	0	6	4	6	14	2	5	4	1	1	
21:00	28	57.1	46.5	10.2	0	0	1	4	7	2	5	2	0	0	0	0	
22:00	20	54.7	46.4	8.0	0	0	0	1	2	9	1	4	2	1	0	0	
23:00	16	53.2	43.1	8.8	0	0	1	1	5	3	3	1	1	1	1	0	
Total	8	60.3	53.6	8.4	0	0	0	1	1	0	4	1	1	1	0	0	
29E10-12																	
240	51.8	43.1	8.3	0	2	5	37	35	61	54	32	9	5	0	0	0	
29E14-16																	
238	51.9	42.2	8.4	0	3	17	31	47	43	43	44	5	5	0	0	0	
12N17-19																	
1323	53.1	43.6	9.1	0	6	54	183	254	256	276	287	78	38	3	1	0	
24H10-24	1498	54.1	44.2	9.5	0	6	56	176	276	287	305	217	90	46	5	2	
AM Peak																	
08:00	06:00	06:00	06:00	06:00	00:00	09:00	09:00	11:00	08:00	10:00	08:00	07:00	09:00	06:00	04:00	00:00	
154	49.9	79.8	11.1	0	1	11	20	39	36	39	20	9	18	1	0	0	
PM Peak																	
15:00	19:00	23:00	23:00	23:00	12:00	15:00	14:00	15:00	16:00	16:00	13:00	15:00	17:00	16:00	17:00	12:00	
138	60.3	53.6	11.8	0	2	10	25	35	27	27	24	15	6	1	1	1	

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1	Bin 2	Bin 3	Bin 4	Bin 5	Bin 6	Bin 7	Bin 8	Bin 9	Bin 10	Bin 11	Bin 12
00:00	1	-	47.5	-	0	0	0	0	0	1	0	0	0	0	0	0
00:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
00:00	8	42.1	39.4	2.6	0	0	0	0	5	3	0	0	0	0	0	0
00:00	2	82.6	58.8	23.2	0	0	0	0	0	0	1	0	0	0	0	1
00:00	4	59.3	43.3	16.2	0	0	0	2	1	1	0	0	0	0	0	0
00:00	80	62.4	55.6	20.4	0	0	0	5	7	8	19	11	30	19	1	0
00:00	146	54.4	45.4	7.9	0	0	1	7	23	33	38	29	10	0	0	0
00:00	239	51.7	43.4	8.0	0	1	2	27	56	58	52	30	5	7	1	0
00:00	302	50.9	42.7	8.7	1	1	13	32	39	39	45	42	34	0	0	0
00:00	211	52.7	44.3	8.2	0	2	2	28	39	59	45	30	12	6	0	0
00:00	120	48.2	40.4	7.3	0	1	10	44	50	48	45	36	4	0	0	0
00:00	196	51.1	43.4	8.5	0	0	6	27	39	52	47	38	10	0	0	0
00:00	195	48.3	39.7	8.2	0	0	21	30	52	47	19	7	0	0	0	0
00:00	181	52.2	45.4	8.2	0	13	23	39	52	47	38	10	0	0	0	0
00:00	255	50.5	42.8	8.5	0	4	8	24	55	51	50	37	6	2	0	0
00:00	302	50.9	42.7	8.7	0	5	24	39	59	45	30	12	6	0	0	0
00:00	176	53.7	45.1	8.5	0	7	28	51	46	74	59	25	3	1	0	0
00:00	156	57.2	47.4	8.5	0	0	1	15	14	10	26	38	18	7	0	0
00:00	190	58.3	47.3	10.3	0	0	3	14	16	11	21	11	13	11	0	0
00:00	78	55.2	47.3	7.6	0	0	2	5	3	11	32	31	7	0	0	0
00:00	40	54.5	46.4	8.2	0	0	6	6	16	15	10	12	2	0	0	0
00:00	61	55.0	46.4	8.3	0	0	1	6	2	15	6	15	36	3	3	0
00:00	33	57.3	49.5	8.2	0	0	0	3	6	1	8	3	7	2	0	0
Total																
2016-10-13	411	50.7	42.3	8.0	0	3	12	62	89	107	90	46	16	6	0	0
2016-10-14	466	51.4	42.3	8.7	0	5	21	65	94	100	83	77	14	7	0	0
2016-10-15	466	51.4	42.3	8.5	0	10	91	31	58	548	349	116	10	0	0	0
2016-10-16	3082	53.0	43.9	8.8	0	10	95	351	599	635	649	446	179	91	6	2
2016-10-17																
2016-10-18	00:00	04:00	04:00	04:00	00:00	10:00	10:00	10:00	11:00	00:00	10:00	10:00	04:00	04:00	04:00	12:00
2016-10-19	239	82.6	58.8	23.2	0	2	13	44	59	59	52	30	14	19	1	0
PM Peak	17:00	19:00	23:00	19:00	12:00	15:00	13:00	21:00	21:00	16:00	17:00	17:00	17:00	17:00	17:00	12:00



North Wales ATC 14, A548

Direction: Southbound

30/04/2022																
Hour Beginning	Total Volume	ECN Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-40	Bin 5 40-45	Bin 6 45-50	Bin 7 50-55	Bin 8 55-60	Bin 9 60-65	Bin 10 65-70	Bin 11 70-80	Bin 12 >80
00:00	2	43.7	46.0	3.5	0	0	0	0	1	1	0	0	0	0	0	0
01:00	5	53.4	45.5	7.6	0	0	0	1	0	0	3	1	0	0	0	0
02:00	2	52.5	32.5	0.0	0	0	0	0	0	0	2	0	0	0	0	0
03:00	2	42.5	42.5	0.0	0	0	0	0	0	2	0	0	0	0	0	0
04:00	1	-	53.5	-	0	0	0	0	0	0	0	0	1	0	0	0
05:00	1	-	42.5	-	0	0	0	0	0	1	0	0	0	0	0	1
06:00	9	52.2	45.8	6.1	0	0	0	1	0	2	4	2	0	0	0	0
07:00	36	55.0	46.1	8.5	0	0	0	1	7	12	8	3	1	1	4	0
08:00	50	60.0	50.7	9.0	0	0	0	1	5	6	16	4	12	5	1	0
09:00	65	54.7	46.8	9.5	0	2	0	3	14	14	14	12	4	1	1	0
10:00	81	53.7	43.5	9.8	0	1	9	1	14	18	16	12	10	0	0	0
11:00	140	50.4	42.4	7.7	0	1	2	16	25	47	28	36	3	1	0	0
12:00	107	52.8	45.1	7.4	0	0	1	11	27	50	39	26	7	6	0	0
13:00	132	54.1	45.2	8.7	0	1	4	3	26	36	30	50	38	4	0	0
14:00	131	53.6	42.8	10.4	0	0	12	13	30	30	19	10	6	11	0	0
15:00	139	52.8	42.9	9.6	0	0	12	14	25	33	30	12	5	8	0	0
16:00	110	51.2	44.2	8.7	0	0	5	10	20	19	23	13	5	4	0	0
17:00	120	51.7	44.0	7.4	0	1	1	9	22	37	23	23	2	2	0	0
18:00	88	54.9	46.4	8.2	0	0	3	3	11	23	18	54	55	1	0	0
19:00	94	56.7	46.1	8.3	0	0	0	6	2	28	24	36	34	3	0	1
20:00	36	56.6	45.6	10.6	0	0	1	7	3	5	7	8	3	1	1	0
21:00	48	50.7	43.2	7.3	0	0	1	6	10	9	13	8	1	0	0	0
22:00	27	56.8	47.2	9.2	0	0	0	4	1	4	10	4	1	3	0	0
23:00	14	62.2	48.0	13.7	0	1	1	0	0	2	3	1	5	1	0	0
Total																
2H(0-12)	221	51.7	42.8	8.5	1	2	11	17	39	65	44	28	53	1	0	0
2H(14-16)	270	53.2	42.8	10.0	0	0	24	27	55	63	49	22	11	39	0	0
12H(7-19)	1230	53.5	44.4	8.0	1	6	49	85	226	325	234	155	89	47	2	0
24H(0-24)	1000	53.9	46.7	8.8	1	7	52	100	243	379	338	197	114	55	3	1
AM Peak	11:00	08:00	04:00	00:00	11:00	09:00	10:00	11:00	11:00	11:00	11:00	11:00	08:00	08:00	08:00	00:00
	140	60.0	57.5	9.8	1	2	9	16	25	47	28	36	12	5	1	0
PM Peak	12:00	23:00	19:00	23:00	12:00	13:00	14:00	15:00	14:00	12:00	12:00	12:00	13:00	14:00	20:00	19:00
	107	62.2	48.1	13.7	0	1	12	14	35	50	39	26	38	11	1	1

360 TSL Ltd

Direction: Northbound

30/04/2022																
Hour Beginning	Total Volume	ECN Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-40	Bin 5 40-45	Bin 6 45-50	Bin 7 50-55	Bin 8 55-60	Bin 9 60-65	Bin 10 65-70	Bin 11 70-80	Bin 12 >80
00:00	2	37.5	37.5	0.0	0	0	0	0	2	0	0	0	0	0	0	0
01:00	4	50.4	36.3	13.6	0	0	0	0	0	0	1	0	1	0	0	0
02:00	1	-	52.5	-	0	0	0	0	0	0	0	0	0	0	0	0
03:00	1	-	75.0	-	0	0	0	0	0	0	0	0	0	0	0	1
04:00	2	61.0	50.0	10.6	0	0	0	0	0	0	1	0	0	1	0	0
05:00	6	62.3	56.3	5.9	0	0	0	0	0	0	0	1	1	3	1	0
06:00	17	64.4	50.1	14.7	0	0	0	1	6	1	1	3	1	1	1	3
07:00	27	54.3	46.6	7.5	0	0	0	3	2	4	10	4	4	0	0	0
08:00	59	53.2	43.9	8.0	0	2	12	7	15	9	7	0	0	0	0	0
09:00	124	54.8	45.1	9.3	0	0	1	17	25	17	27	22	12	1	1	1
10:00	116	53.7	44.0	9.4	0	4	22	16	20	20	17	15	0	0	0	0
11:00	132	54.3	43.8	10.1	0	2	6	13	24	24	35	15	7	5	0	1
12:00	121	53.7	44.7	8.7	0	0	5	10	23	23	25	38	36	1	0	0
13:00	115	56.5	46.8	9.8	0	3	7	24	20	15	20	17	9	0	0	0
14:00	241	53.3	44.0	8.9	0	0	4	17	26	26	42	56	5	2	3	0
15:00	126	59.0	47.8	10.9	0	1	0	3	24	28	30	21	5	6	8	3
16:00	122	56.7	47.3	9.1	0	2	4	22	19	37	39	6	12	1	0	0
17:00	121	60.3	46.9	11.0	0	0	3	12	8	17	28	26	9	13	0	0
18:00	81	61.7	48.6	11.7	0	0	7	11	15	10	15	30	8	4	0	0
19:00	66	62.8	50.5	11.9	0	0	1	6	10	2	15	10	5	15	2	0
20:00	41	54.9	42.1	12.4	0	7	8	5	4	4	7	2	0	0	0	0
21:00	34	58.8	46.6	11.8	0	0	1	6	6	2	6	3	5	5	0	0
22:00	10	56.7	48.0	8.4	0	0	0	2	2	3	16	3	2	1	1	0
23:00	7	56.5	45.0	11.1	0	0	0	1	1	1	3	2	1	0	0	0
Total																
2H(0-12)	248	54.0	43.9	9.7	0	2	10	35	40	44	55	32	22	7	0	1
2H(14-16)	267	56.2	45.8	10.3	0	1	4	20	50	54	72	37	30	10	6	3
12H(7-19)	1285	56.2	45.9	9.9	0	3	30	127	212	220	294	202	113	61	17	6
24H(0-24)	1496	56.8	46.2	10.3	0	3	42	150	244	235	338	230	138	86	24	6
AM Peak	11:00	06:00	03:00	06:00	00:00	11:00	11:00	10:00	09:00	11:00	11:00	09:00	10:00	11:00	06:00	09:00
	132	65.4	75.0	14.7	0	2	6	21	29	34	35	32	31	5	8	1
PM Peak	14:00	19:00	19:00	20:00	12:00	15:00	20:00	14:00	14:00	15:00	14:00	17:00	13:00	19:00	17:00	15:00
	241	62.8	50.5	12.4	0	1	7	17	26	28	42	26	17	15	5	3

360 TSL Ltd

Direction: Total Flow

30/04/2022																
Hour Beginning	Total Volume	ECN Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-40	Bin 5 40-45	Bin 6 45-50	Bin 7 50-55	Bin 8 55-60	Bin 9 60-65	Bin 10 65-70	Bin 11 70-80	Bin 12 >80
00:00	4	41.3	38.8	2.5	0	0	0	0	3	1	0	0	0	0	0	0
01:00	9	52.8	41.4	11.0	0	0	2	1	0	1	3	2	0	0	0	0
02:00	3	52.5	52.5	0.0	0	0	0	0	0	0	1	0	0	0	0	0
03:00	3	72.8	53.3	18.8	0	0	0	0	0	2	0	0	0	0	0	1
04:00	3	61.5	52.5	8.7	0	0	0	0	0	0	0	0	2	0	0	0
05:00	7	62.0	54.3	7.5	0	0	0	0	0	1	1	1	3	1	0	0
06:00	26	61.6	46.7	12.5	0	0	0	2	6	3	5	1	1	1	1	0
07:00	63	54.6	46.3	8.0	0	0	4	9	16	18	7	5	4	0	0	0
08:00	109	56.9	47.0	9.6	0	2	13	12	13	31	13	19	5	1	0	0
09:00	189	54.7	45.0	9.4	0	2	1	20	39	31	41	34	36	2	2	0
10:00	297	53.7	43.8	9.6	0	1	13	23	30	38	36	29	25	2	0	0
11:00	372	52.4	45.1	9.0	0	3	8	28	40	71	63	61	60	5	0	0
12:00	268	53.2	44.9	8.0	0	0	6	21	50	73	64	44	23	7	0	0
13:00	247	55.5	45.9	9.6	0	1	7	16	30	56	45	36	43	0	0	0
14:00	272	53.5	43.5	9.7	0	0	16	30	56	56	61	26	11	13	3	0
15:00	265	56.1	45.2	10.5	0	1	12	17	49	61	60	33	30	16	3	3
16:00	232	55.2	45.8	9.0	0	7	14	42	38	70	62	38	70	17	1	0
17:00	241	56.5	46.5	9.7	0	1	4	21	30	54	51	49	11	15	5	0
18:00	169	58.4	47.9	10.1	0	0	3	18	22	38	28	29	25	9	4	1
19:00	160	58.4	48.1	9.9	0	0	1	12	12	30	39	26	19	18	2	1
20:00	77	55.8	43.7	11.7	0	0	8	15	8	9	11	12	12	3	1	0
21:00	82	54.4	46.6	9.5	0	0	12	16	11	11	11	6	5	0	0	0
22:00	56	56.7	47.6	8.7	0	0	0	6	3	7	26	7	3	4	0	0
23:00	21	60.2	52.0	12.2	0	1	2	0	1	3	4	3	6	1	0	0
Total																
2023-12-31	469	52.9	43.4	9.2	1	4	21	52	79	109	99	40	35	8	0	1
2024-01-01	232	55.2	45.8	9.0	0	7	14	42	38	70	62	38	70	17	1	0
12H21-18	2444	55.0	45.2	9.5	1	9	79	212	448	544	568	357	202	108	6	0
2024-01-02	2095	55.4	45.4	8.6	1	10	94	260	487	634	676	427	252	141	27	7
Peak Hour																
11:00	1130	50.0	50.0	0.0	11:00	11:10	10:50	11:10	11:00	11:10	11:00	11:00	11:00	11:00	11:00	09:00
288	61.2	48.8	1	1	2	0	0	0	0	0	0	0	0	0	0	0
PM Peak Hour																
17:00	210	23.0	19.0	23.0	12:00	13:00	14:00	14:00	14:00	14:00	14:00	14:00	17:00	13:00	19:00	17:00
288	60.2	48.3	13.7	0	1	16	30	56	73	70	40	49	35	35	5	0



North Wales ATC 14, A548

Direction: Southbound

01/05/2022															
Hour Beginning	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-40	Bin 5 40-50	Bin 6 50-60	Bin 7 60-70	Bin 8 70-80	Bin 9 80-90	Bin 10 90-100	Bin 12 >100
00:00	13	63.7	54.2	9.1	0	0	0	0	0	0	0	0	0	0	0
01:00	6	51.7	41.7	9.7	0	0	0	2	1	1	1	0	1	0	0
02:00	6	58.3	51.3	7.0	0	0	0	0	0	4	1	0	1	0	0
03:00	1	-	65.0	-	0	0	0	0	0	0	0	0	0	1	0
04:00	1	-	65.0	-	0	0	0	0	0	0	0	0	0	1	0
05:00	2	57.5	57.5	0.0	0	0	0	0	0	0	0	0	0	0	2
06:00	6	55.5	47.5	7.7	0	0	0	0	2	0	0	4	0	0	0
07:00	17	58.8	48.2	10.2	0	1	0	0	1	1	6	4	0	0	0
08:00	34	57.1	44.9	11.8	1	2	0	1	1	9	6	11	3	0	0
09:00	62	55.8	44.2	11.2	2	0	3	1	5	26	5	7	0	0	0
10:00	66	53.5	45.0	8.2	0	0	1	9	7	12	20	12	3	2	0
11:00	129	53.1	42.1	10.6	1	6	2	15	34	15	22	27	6	0	1
12:00	122	55.2	41.5	13.2	0	14	3	4	25	34	19	11	4	4	0
13:00	121	54.7	46.0	8.4	0	0	4	6	16	27	32	23	7	6	0
14:00	126	54.2	45.8	10.1	0	1	1	20	25	38	10	13	11	4	3
15:00	99	52.1	44.8	7.1	0	0	0	8	21	18	29	19	2	2	0
16:00	113	51.0	44.0	8.7	0	2	0	1	3	29	26	14	14	0	0
17:00	78	56.1	48.1	7.7	0	0	1	1	10	10	17	23	13	1	0
18:00	74	54.0	46.8	6.9	0	0	0	2	8	16	35	6	2	5	0
19:00	54	59.4	49.4	9.6	0	0	0	0	6	15	15	3	8	6	0
20:00	46	57.6	49.9	7.4	0	0	0	1	3	9	10	7	15	1	0
21:00	21	52.6	45.5	8.3	0	0	2	0	3	8	3	4	1	0	0
22:00	6	51.0	43.3	7.4	0	0	0	1	1	1	2	1	0	0	0
23:00	6	47.9	45.8	6.8	0	0	0	2	0	2	0	0	0	0	0
Total															
2016-10-12	195	53.4	43.1	9.9	1	6	3	24	41	27	42	39	9	2	1
2016-14-16	225	53.4	44.2	8.9	0	1	1	28	46	56	39	32	13	6	3
12H17-19	1041	54.6	44.4	8.8	4	26	18	74	182	212	225	170	71	29	8
24H10-24	1090	55.2	45.0	9.8	4	26	20	80	198	269	268	191	100	44	1
AM Peak	11:00	00:00	03:00	08:00	09:00	11:00	09:00	11:00	11:00	09:00	11:00	09:00	09:00	11:00	00:00
PM Peak	14:00	19:00	20:00	12:00	12:00	12:00	13:00	14:00	16:00	14:00	18:00	13:00	20:00	13:00	12:00
	129	63.7	65.0	11.8	2	6	3	15	34	26	22	27	8	5	1
	126	59.4	49.9	12.2	0	14	4	20	25	38	31	23	11	6	4

360 TSL Ltd

Direction: Northbound

01/05/2022															
Hour Beginning	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-40	Bin 5 40-50	Bin 6 50-60	Bin 7 60-70	Bin 8 70-80	Bin 9 80-90	Bin 10 90-100	Bin 12 >100
00:00	8	62.6	47.8	14.2	0	0	0	0	5	0	0	0	0	3	0
01:00	2	63.3	45.0	17.7	0	0	0	0	1	0	0	1	0	0	0
02:00	5	89.8	68.5	20.6	0	0	0	1	0	0	0	0	0	0	1
03:00	2	65.0	65.0	0.0	0	0	0	0	0	0	0	0	0	0	2
04:00	2	58.7	55.0	3.5	0	0	0	0	0	0	0	1	1	0	0
05:00	1	-	43.5	-	0	0	0	0	0	0	1	0	0	0	0
06:00	4	51.5	43.8	7.5	0	0	0	0	0	0	1	1	0	0	0
07:00	29	52.2	43.4	11.3	0	1	0	5	4	8	6	1	2	1	0
08:00	47	57.8	45.2	12.3	0	3	8	10	4	6	7	4	1	1	0
09:00	74	52.6	42.1	10.2	0	0	9	11	8	19	10	7	9	1	0
10:00	106	52.6	42.3	9.9	0	9	20	11	13	22	11	11	2	0	0
11:00	131	56.4	45.5	10.6	0	0	4	11	32	24	24	12	11	10	3
12:00	137	52.5	43.5	8.6	0	0	11	3	30	31	31	17	6	4	0
13:00	95	55.8	45.4	10.1	0	7	7	14	12	26	28	3	8	0	0
14:00	124	55.4	46.3	8.8	0	0	1	12	9	37	31	20	3	10	1
15:00	95	54.2	45.9	8.1	0	6	15	23	14	29	7	4	0	0	0
16:00	116	56.4	47.8	8.3	0	0	1	4	14	23	30	27	9	7	1
17:00	101	57.1	46.2	10.5	0	4	15	4	21	19	25	4	5	3	0
18:00	77	57.1	46.9	9.8	0	0	5	3	12	10	15	13	16	3	0
19:00	55	58.4	46.8	11.1	0	0	0	8	14	4	8	7	5	9	0
20:00	43	60.9	48.6	11.0	0	0	0	2	6	10	1	12	6	0	4
21:00	26	57.7	45.4	11.9	0	0	1	6	1	5	5	4	1	2	1
22:00	13	54.7	46.5	7.9	0	0	0	1	1	1	1	0	1	0	0
23:00	2	65.1	45.3	23.0	0	0	1	0	0	0	0	0	1	0	0
Total															
2016-10-12	237	54.8	44.1	10.4	0	0	13	31	50	37	46	23	22	12	3
2016-14-16	235	54.9	46.1	8.5	0	0	1	18	27	60	45	39	10	14	1
12H17-19	1128	55.3	45.2	9.8	0	1	54	105	173	228	234	176	88	59	10
24H10-24	1191	56.1	45.6	10.1	0	1	56	124	203	247	240	202	103	76	18
AM Peak	11:00	02:00	03:00	02:00	00:00	07:00	09:00	10:00	11:00	11:00	11:00	11:00	10:00	11:00	02:00
PM Peak	14:00	19:00	20:00	12:00	12:00	13:00	12:00	17:00	12:00	14:00	12:00	16:00	18:00	14:00	20:00
	131	60.9	60.5	10.6	0	1	9	20	32	34	34	32	11	10	1
	137	65.1	49.6	23.0	0	0	11	15	39	37	33	27	16	10	4

360 TSL Ltd

Direction: Total Flow

01/05/2022																	
Hour Beginning	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-40	Bin 5 40-50	Bin 6 50-60	Bin 7 60-70	Bin 8 70-80	Bin 9 80-90	Bin 10 90-100	Bin 12 >100		
00:00	21	63.6	51.8	11.4	0	0	0	0	5	1	0	1	0	8	0		
01:00	8	53.6	42.5	10.7	0	0	0	3	1	1	1	0	2	0	0		
02:00	11	76.3	59.1	18.6	0	0	0	1	0	4	1	0	1	0	0		
03:00	3	65.0	65.0	0.0	0	0	0	0	0	0	0	0	0	0	0		
04:00	3	64.9	58.3	6.3	0	0	0	0	0	1	0	1	0	0	0		
05:00	3	60.2	54.2	5.8	0	0	0	0	0	0	1	0	2	0	0		
06:00	10	53.7	46.0	7.5	0	0	0	0	4	0	1	5	0	0	0		
07:00	46	56.7	45.2	11.1	0	2	0	5	5	9	12	5	6	0	1		
08:00	81	57.5	45.0	12.0	1	2	3	9	11	13	10	17	10	4	1		
09:00	136	54.1	45.1	10.7	2	0	12	14	15	15	14	17	4	0	0		
10:00	172	53.1	43.4	9.4	0	0	10	29	25	25	42	23	14	4	0		
11:00	300	54.9	45.8	10.7	1	6	6	26	16	39	46	19	17	12	4		
12:00	259	54.1	42.6	11.1	0	14	14	7	55	67	52	28	10	8	4		
13:00	216	52.2	45.7	9.2	0	0	11	13	30	39	58	41	10	14	0		
14:00	250	54.9	45.1	9.5	0	1	2	32	34	75	41	33	14	14	4		
15:00	380	53.1	45.3	7.6	0	0	0	14	39	41	43	38	9	6	0		
16:00	229	54.9	45.9	8.7	0	2	4	7	49	54	41	19	9	1	0		
17:00	179	56.8	47.0	9.4	0	0	5	18	14	32	36	48	17	6	3		
18:00	151	56.7	46.8	8.5	0	0	5	20	26	50	39	18	8	0	0		
19:00	109	58.9	48.1	10.4	0	0	0	8	20	19	23	10	13	15	0		
20:00	89	59.3	49.8	9.2	0	0	0	3	9	19	11	19	21	1	4		
21:00	47	55.1	46.5	10.4	0	0	3	6	1	8	2	2	1	0	0		
22:00	19	53.5	45.5	7.7	0	0	0	2	3	1	10	2	0	1	0		
23:00	8	51.7	45.9	10.4	0	0	1	2	0	2	0	1	0	0	0		
Total																	
2016-10-12	432	54.2	43.6	10.2	1	6	16	55	91	64	88	62	31	14	4		
2016-14-16	440	54.2	45.2	8.7	0	1	2	46	73	116	84	71	23	20	4		
12H17-19	2189	55.0	44.8	9.8	4	27	72	179	355	460	459	34	17	17	1		
2016-10-24	2500	55.6	45.3	10.0	4	27	76	204	405	516	528	393	203	120	26	2	
AMPH-24																	
12:00	6200	62.00	60.00	12.00	00:00	11:00	10:00	10:00	10:00	10:00	09:00	09:00	09:00	11:00	02:00	1	
2016	200	76.3	65.0	16.6	2	6	12	29	66	45	46	39	17	30	4	1	
PM PH-24	12:00	20:00	20:00	12:00	12:00	12:00	12:00	14:00	12:00	14:00	14:00	16:00	17:00	20:00	19:00	12:00	1
2016	200	76.3	65.0	16.6	24	24	24	24	24	24	24	24	24	24	24	24	1



North Wales ATC 14, A548

Direction: Southbound															
02/05/2022															
Hour Beginning	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-40	Bin 5 40-45	Bin 6 45-50	Bin 7 50-55	Bin 8 55-60	Bin 9 60-70	Bin 10 70-80	Bin 12 >80
00:00	4	66.7	32.5	8.9	0	0	0	0	0	0	0	0	0	2	0
01:00	3	42.7	37.5	5.0	0	0	0	1	1	1	0	0	0	0	0
02:00	1	-	32.5	-	0	0	0	1	0	0	0	0	0	0	0
03:00	1	-	32.5	-	0	0	0	1	0	0	0	0	0	0	0
04:00	3	60.0	65.0	0.0	0	0	0	0	0	0	0	0	0	3	0
05:00	1	-	32.5	-	0	0	0	1	0	0	0	0	0	0	1
06:00	12	55.8	48.8	6.8	0	0	0	0	3	0	0	9	0	0	0
07:00	24	57.6	48.4	8.9	0	0	0	0	1	1	13	2	6	0	0
08:00	35	53.2	38.9	13.8	1	6	0	1	1	17	3	3	3	0	0
09:00	63	54.2	43.0	10.8	1	0	5	2	10	12	5	7	3	0	0
10:00	94	54.2	45.6	8.3	0	0	2	9	10	24	22	15	9	3	0
11:00	145	50.4	41.6	8.5	1	3	1	30	42	23	28	25	2	0	0
12:00	148	57.1	45.1	13.5	0	17	3	5	10	33	37	11	33	6	4
13:00	135	53.7	43.8	9.6	0	0	12	10	28	20	22	31	9	3	0
14:00	151	50.4	42.6	7.5	0	1	1	17	31	17	17	17	5	3	0
15:00	109	50.5	44.1	6.1	0	0	0	8	19	34	30	16	1	1	0
16:00	115	51.9	44.8	8.8	0	2	1	5	20	36	20	12	16	3	0
17:00	88	55.2	46.6	8.3	0	0	1	8	14	8	23	20	13	1	0
18:00	82	53.3	46.4	6.7	0	0	0	2	13	16	33	11	4	3	0
19:00	45	56.6	47.9	8.3	0	0	0	0	8	11	12	3	7	4	0
20:00	36	53.8	48.5	7.1	0	0	0	1	2	12	3	10	8	0	0
21:00	12	51.3	41.4	9.6	0	0	4	0	5	4	4	5	0	0	0
22:00	17	60.0	49.6	10.1	0	0	0	1	2	1	8	1	0	4	0
23:00	10	47.9	45.5	7.1	0	0	0	4	0	2	4	0	0	0	0
Total	239	52.1	43.2	8.6	1	3	3	29	52	47	50	40	11	3	0
2H(14-16)	260	50.5	43.2	7.0	0	1	1	25	52	91	47	33	6	4	0
12H(7-19)	1189	51.7	43.9	9.5	3	30	27	87	219	281	257	188	88	25	4
24H(0-24)	1344	54.1	44.2	9.5	3	30	31	107	240	312	289	197	103	38	4
AM Peak	11:00	00:00	04:00	08:00	08:00	08:00	09:00	11:00	11:00	10:00	11:00	11:00	10:00	04:00	00:00
	145	66.7	65.0	13.8	1	6	5	20	42	24	28	25	9	3	0
PM Peak	14:00	22:00	22:00	12:00	12:00	12:00	13:00	14:00	14:00	14:00	12:00	13:00	16:00	12:00	12:00
	151	60.0	49.6	10.1	0	17	12	17	33	37	31	30	6	4	0

360 TSL Ltd

Direction: Northbound															
02/05/2022															
Hour Beginning	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-40	Bin 5 40-45	Bin 6 45-50	Bin 7 50-55	Bin 8 55-60	Bin 9 60-70	Bin 10 70-80	Bin 12 >80
00:00	3	63.3	46.7	15.9	0	0	0	0	2	0	0	0	0	1	0
01:00	4	51.7	38.8	12.5	0	0	0	3	0	0	0	0	1	0	0
02:00	3	32.5	32.5	0.0	0	0	0	3	0	0	0	0	0	0	0
03:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0
04:00	2	58.7	55.0	3.5	0	0	0	0	0	0	0	1	1	0	0
05:00	2	38.8	32.5	7.1	0	0	0	0	0	0	1	0	0	0	0
06:00	6	48.6	41.7	6.6	0	0	0	4	0	0	1	1	0	0	0
07:00	27	49.4	38.8	10.2	0	1	0	13	3	2	5	1	1	1	0
08:00	38	57.0	46.3	10.3	0	2	2	10	2	5	9	6	2	0	0
09:00	98	52.5	42.6	9.6	0	0	7	14	21	19	16	7	12	2	0
10:00	107	51.6	41.4	9.3	0	0	10	16	22	15	17	12	10	0	0
11:00	146	55.1	45.1	9.6	0	0	2	13	36	28	32	17	2	15	1
12:00	157	52.4	45.0	7.2	0	0	4	2	30	49	35	24	11	2	0
13:00	118	56.1	44.9	10.8	0	0	10	13	13	14	13	8	2	13	0
14:00	124	55.9	45.7	9.8	0	0	1	20	13	27	27	20	3	12	1
15:00	68	51.5	44.4	6.8	0	0	0	6	16	28	22	11	3	2	0
16:00	152	58.7	48.9	9.5	0	0	1	9	20	22	30	33	21	34	2
17:00	94	58.2	46.2	9.6	0	0	1	12	1	13	18	41	3	3	0
18:00	89	53.8	48.8	10.6	0	0	4	2	10	10	21	7	24	9	0
19:00	83	53.8	44.1	9.4	0	0	0	0	13	23	16	8	11	4	0
20:00	47	60.1	53.2	12.5	0	0	0	0	9	1	13	6	0	9	0
21:00	29	51.3	40.5	10.4	0	0	1	13	1	6	3	2	1	2	0
22:00	16	51.3	40.5	5.8	0	0	0	1	3	0	1	0	1	0	0
23:00	3	55.3	35.8	18.8	0	0	2	0	0	0	0	0	1	0	0
Total	253	53.5	43.6	9.6	0	0	12	29	63	43	49	29	12	15	1
2H(14-16)	212	54.2	45.2	8.7	0	0	1	26	29	55	49	31	6	14	1
12H(7-19)	1238	55.4	45.4	9.6	0	1	45	122	202	229	239	200	98	75	7
24H(0-24)	1436	55.7	45.5	9.9	0	1	46	157	238	240	287	237	120	82	16
AM Peak	11:00	00:00	04:00	08:00	08:00	07:00	10:00	10:00	11:00	11:00	11:00	11:00	09:00	11:00	00:00
	146	63.1	56.8	15.9	0	1	30	36	36	38	37	32	15	1	0
PM Peak	12:00	20:00	20:00	12:00	12:00	13:00	13:00	14:00	12:00	12:00	12:00	17:00	16:00	20:00	12:00
	157	66.1	53.2	18.8	0	0	10	20	30	49	35	41	24	14	0

360 TSL Ltd

Direction: Total Flow																
Hour	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-40	Bin 5 40-45	Bin 6 45-50	Bin 7 50-55	Bin 8 55-60	Bin 9 60-70	Bin 10 70-80	Bin 12 >80	
00:00	7	61.8	52.9	12.5	0	0	0	0	2	0	1	1	0	3	0	
01:00	7	47.9	38.2	9.3	0	0	0	4	1	1	0	0	1	0	0	
02:00	4	32.5	32.5	0.0	0	0	0	4	0	0	0	0	0	0	0	
03:00	1	-	32.5	-	0	0	0	1	0	0	0	0	0	0	0	
04:00	5	67.0	61.0	5.8	0	0	0	0	0	0	1	1	1	0	0	
05:00	3	58.9	45.8	12.6	0	0	0	1	0	0	1	0	1	0	0	
06:00	18	54.0	46.4	7.4	0	0	0	9	7	0	1	10	0	0	0	
07:00	51	54.4	43.3	10.7	0	2	0	13	4	1	18	3	7	0	0	
08:00	73	55.8	42.8	12.6	1	6	2	3	11	19	8	12	9	2	0	
09:00	361	53.1	42.7	10.0	1	0	12	16	31	25	32	39	5	0	0	
10:00	201	52.7	43.4	9.1	0	0	12	25	37	39	39	27	19	3	0	
11:00	391	52.9	45.4	9.2	1	3	3	33	78	50	60	42	4	15	4	
12:00	305	55.2	44.1	10.8	0	17	7	7	49	82	72	35	24	8	4	
13:00	255	54.9	44.5	10.2	0	0	22	23	40	34	35	49	11	26	0	
14:00	275	53.1	44.0	8.7	0	1	2	37	46	84	44	37	8	15	1	
15:00	197	50.9	44.2	6.4	0	0	0	14	35	62	52	27	4	3	0	
16:00	207	56.8	47.1	9.4	0	2	3	14	40	58	50	46	37	16	2	
17:00	182	56.8	47.5	9.0	0	0	3	20	15	21	39	61	16	4	3	
18:00	171	57.6	47.6	9.0	0	0	6	4	23	26	54	18	18	12	0	
19:00	128	54.9	45.4	9.2	0	0	0	13	31	27	20	11	18	8	0	
20:00	83	62.2	51.1	10.7	0	0	0	3	5	21	8	23	14	0	9	
21:00	51	51.2	40.9	10.0	0	0	5	13	0	10	7	7	1	2	0	
22:00	33	56.2	47.5	8.4	0	0	0	2	5	1	18	3	0	4	0	
23:00	13	49.8	39.4	10.1	0	0	2	4	0	2	4	0	1	0	0	
Total	492	52.9	43.4	9.1	1	3	15	58	115	90	99	69	23	18	1	
2H(14-16)	472	52.2	44.1	7.8	0	1	2	53	81	146	96	64	12	18	1	
12H(7-19)	2427	54.4	44.7	5.6	0	1	31	72	209	421	510	516	368	186	100	
24H(24)	2780	54.9	44.9	8.7	0	3	31	79	254	478	572	516	424	223	120	20
AM Peak	11:00	04:00	04:00	05:00	08:00	08:00	09:00	11:00	11:00	11:00	11:00	11:00	11:00	11:00	00:00	
PM Peak	15:00	20:00	20:00	21:00	12:00	12:00	13:00	14:00	12:00	14:00	17:00	16:00	13:00	20:00	12:00	
	301	482	523	108	0	37	22	37	49	84	72	61	37	35	1	



North Wales ATC 14, A548

Direction: Southbound																	09/05/2022	
Hour	Total Volume	ECM Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-40	Bin 5 40-50	Bin 6 50-60	Bin 7 60-70	Bin 8 70-80	Bin 9 80-90	Bin 10 90-100	Bin 11 100-110	Bin 12 >110		
00:00	4	46.7	45.0	6.5	0	0	0	0	0	0	0	0	0	0	0	0		
01:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0		
02:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0		
03:00	4	54.0	46.3	7.5	0	0	0	0	0	0	3	2	0	0	0	0		
04:00	4	48.0	45.0	2.9	0	0	0	0	0	0	2	0	0	0	0	0		
05:00	1	-	43.5	-	0	0	0	0	0	0	1	0	0	0	0	0		
06:00	27	60.3	50.4	9.6	0	0	0	0	0	8	4	5	7	1	1	0		
07:00	69	57.5	48.9	8.3	0	0	1	1	8	13	13	16	13	4	0	0		
08:00	98	53.4	45.7	7.4	0	0	0	0	19	29	24	16	6	3	1	0		
09:00	104	52.3	43.9	8.1	0	0	1	11	22	22	15	6	4	0	0	0		
10:00	108	51.0	44.7	6.1	0	0	0	4	21	35	24	22	1	1	0	0		
11:00	82	50.8	43.2	7.3	0	1	1	4	22	22	15	15	2	0	0	0		
12:00	81	52.7	44.4	8.0	1	0	0	2	23	17	20	11	6	1	0	0		
13:00	81	49.1	43.7	7.1	0	0	1	15	18	23	12	9	3	0	0	0		
14:00	87	53.7	45.9	9.5	0	0	5	3	18	23	15	12	8	2	0	0		
15:00	125	50.8	43.7	6.8	0	0	0	7	35	39	16	23	3	2	0	0		
16:00	134	52.6	44.9	7.4	0	0	9	7	20	36	40	20	6	1	0	0		
17:00	170	53.9	45.6	8.0	0	0	2	4	32	58	33	18	13	10	0	0		
18:00	105	52.2	43.2	8.7	0	1	4	7	33	11	28	15	3	3	0	0		
19:00	59	53.5	47.1	8.4	0	1	0	5	2	10	21	12	6	2	0	0		
20:00	50	53.9	47.0	6.7	0	0	1	0	1	20	16	4	7	1	0	0		
21:00	39	53.9	47.9	5.7	0	0	0	0	4	5	18	9	2	1	0	0		
22:00	24	64.1	54.9	8.9	0	0	0	0	1	4	0	6	8	4	1	0		
23:00	6	54.1	47.5	6.3	0	0	0	0	0	3	1	1	1	0	0	0		
Total																		
201610-12	190	50.9	44.0	6.6	0	1	1	8	43	57	39	37	3	1	0	0		
201614-16	212	52.1	43.8	8.0	1	0	5	10	53	62	31	35	11	4	0	0		
120167-19	1444	52.6	44.5	7.8	2	3	18	65	271	338	275	183	66	31	2	0		
240169-24	1462	53.1	45.1	8.0	2	4	20	71	280	305	198	220	98	40	4	0		
AM Peak	10:00	06:00	06:00	06:00	00:00	08:00	06:00	09:00	09:00	10:00	09:00	10:00	07:00	07:00	06:00	00:00		
	108	66.3	56.4	9.6	0	1	1	11	22	35	35	22	13	4	1	0		
PM Peak	17:00	22:00	22:00	14:00	12:00	18:00	14:00	13:00	15:00	17:00	16:00	15:00	17:00	16:00	12:00	12:00		
	170	66.1	56.9	9.5	1	1	5	13	35	58	40	23	13	10	1	0		

360 TSL Ltd

Direction: Northbound																
Hour Beginning	Total Volume	ECM Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-40	Bin 5 40-50	Bin 6 50-60	Bin 7 60-70	Bin 8 70-80	Bin 9 80-90	Bin 10 90-100	Bin 11 100-110	Bin 12 >110
00:00	3	51.8	45.8	5.8	0	0	0	0	0	2	0	1	0	0	0	0
01:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
04:00	1	-	52.5	-	0	0	0	0	0	0	0	1	0	0	0	0
05:00	11	63.1	52.7	10.0	0	0	0	1	0	1	1	5	0	3	0	0
06:00	29	63.1	50.9	11.7	0	0	0	3	2	3	8	3	4	4	2	0
07:00	79	55.9	48.4	7.2	0	0	0	3	10	11	14	31	8	2	0	0
08:00	159	53.7	45.1	8.2	0	7	6	22	48	32	31	7	0	0	0	0
09:00	120	53.1	43.9	8.8	0	0	6	14	19	20	34	20	4	2	1	0
10:00	114	51.2	42.6	8.3	0	4	13	20	29	28	20	15	2	2	1	0
11:00	85	51.9	42.6	9.0	0	0	3	19	14	16	12	13	7	1	0	0
12:00	115	51.2	43.5	7.4	0	0	3	15	16	28	33	16	3	1	0	0
13:00	99	51.7	43.7	7.9	0	0	2	16	15	24	25	15	5	1	0	0
14:00	105	51.5	43.5	7.7	0	0	3	10	19	33	20	13	5	2	0	0
15:00	113	52.6	45.5	9.7	0	0	1	16	15	16	15	16	15	2	0	0
16:00	125	50.8	42.7	7.9	0	0	1	23	23	31	29	13	2	2	1	0
17:00	104	53.8	45.0	8.6	0	0	1	10	22	25	18	8	10	2	0	0
18:00	84	56.4	46.0	10.0	0	1	13	17	7	9	23	10	3	1	0	0
19:00	59	55.3	44.2	10.6	0	0	7	7	4	6	20	5	8	2	0	0
20:00	24	63.5	48.2	14.7	0	1	0	1	0	1	3	2	1	2	1	0
21:00	21	52.1	43.1	8.7	0	0	1	5	0	5	4	6	0	0	0	0
22:00	10	70.3	56.5	13.3	0	0	0	0	0	0	1	1	1	1	0	0
23:00	6	74.2	62.9	10.9	0	0	0	0	0	0	1	0	2	1	2	0
Total																
201610-12	199	51.5	42.6	8.6	0	0	7	32	43	44	32	28	9	3	1	0
201614-16	1218	53.7	44.5	8.9	0	0	4	26	137	48	56	28	7	11	0	1
120167-19	1302	53.1	44.3	8.5	0	0	32	158	220	286	282	213	79	33	4	1
240169-24	1466	54.1	44.7	9.1	0	1	40	177	232	305	321	238	90	11	9	2
AM Peak	08:00	05:00	05:00	06:00	00:00	00:00	08:00	11:00	10:00	08:00	09:00	07:00	07:00	08:00	06:00	00:00
	199	63.1	52.7	11.7	0	0	9	19	29	48	34	31	8	4	2	0
PM Peak	15:00	22:00	23:00	20:00	12:00	20:00	19:00	16:00	16:00	14:00	15:00	18:00	17:00	15:00	23:00	15:00
	125	74.2	62.9	14.7	0	1	7	23	23	33	26	23	18	9	2	1

360 TSL Ltd

Direction: Total Flow																
Hour	Total Volume	ECM Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-40	Bin 5 40-50	Bin 6 50-60	Bin 7 60-70	Bin 8 70-80	Bin 9 80-90	Bin 10 90-100	Bin 11 100-110	Bin 12 >110
00:00	7	49.2	42.5	6.5	0	0	0	1	1	3	1	1	0	0	0	0
01:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
02:00	4	54.0	46.3	7.5	0	0	0	0	0	3	0	0	0	0	0	0
03:00	5	50.0	48.5	4.2	0	0	0	0	2	2	0	0	0	0	0	0
04:00	12	62.2	51.9	10.0	0	0	0	1	0	1	0	2	1	5	0	3
05:00	16	65.7	56.6	10.6	0	1	3	3	1	3	1	1	1	1	5	3
06:00	148	56.6	48.6	7.7	0	0	1	4	18	24	27	47	21	6	0	0
07:00	257	55.3	45.4	7.9	0	1	7	6	41	77	56	47	23	9	0	0
08:00	247	52.7	45.9	8.0	0	1	2	5	25	51	44	37	3	3	1	0
09:00	222	52.2	43.6	7.4	0	0	4	17	50	63	63	44	37	3	0	0
10:00	187	52.9	42.9	8.2	0	4	23	33	68	63	44	37	3	3	1	0
11:00	196	51.8	43.8	7.6	1	0	3	31	37	39	45	53	27	9	2	0
12:00	166	51.6	43.8	7.7	0	0	3	31	37	39	45	53	27	9	2	0
13:00	102	52.5	43.6	8.5	1	0	8	13	37	37	56	35	25	13	4	0
14:00	238	53.2	44.6	8.3	0	1	23	53	54	54	52	38	5	11	0	1
15:00	250	51.8	43.8	7.7	0	4	30	43	62	69	63	44	37	3	3	0
16:00	170	52.4	45.4	8.2	0	0	3	14	54	53	51	26	31	12	0	0
17:00	234	51.9	45.4	8.2	0	0	5	20	50	50	50	50	50	50	50	50
18:00	138	55.7	45.7	8.7	0	1	7	12	6	16	41	17	17	14	4	0
19:00	74	55.4	45.4	7.9	0	0	0	0	0	0	7	9	9	9	9	0
20:00	60	53.7	43.7	8.3	0	0	1	5	4	10	22	15	2	1	0	0
21:00	49	65.9	55.9	10.2	0	0	0	2	1	4	0	0	7	9	10	1
22:00	12	62.5	55.2	11.7	0	0	0	0	0	0	1	2	1	1	1	0
DNE(18:12)																
18:00	389	51.3	43.3	7.7	0	1	8	40	86	105	71	65	12	4	1	0
19:00	529	46.2	35.8	8.1	0	1	9	36	80	110	110	87	63	18	15	1
20:00	246	52.9	44.4	8.2	0	0	10	50	223	495	614	557	396	139	64	6
21:00	246	53.7	44.9	8.5	0	0	0	0	248	512	690	659	458	188	95	13
APM Peak																
08:00	95.00	95.00	95.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
09:00	12.00	12.00	12.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PM Peak																
17:00	23.00	22.00	22.00	12.00	18.00	14.00	13.00	17.00	34.00	83.00	69.00	35.00	17.00	17.00	16.00	15.00
22:00	224	67.3	55.4	11.7	3	1	8	31	54	83	69	38	31	31	32	2



North Wales ATC 14, A548

Direction: Southbound															
04/05/2022															
Hour Beginning	Total Volume	ESD Percentile	Mean Average	Standard Deviation	Bin 1 <10th%	Bin 2 10-20	Bin 3 20-30	Bin 4 30-40	Bin 5 40-50	Bin 6 50-60	Bin 7 60-70	Bin 8 70-80	Bin 9 80-90	Bin 10 90-95	Bin 11 95-99
00:00	2	79.2	53.8	15.9	0	0	0	0	0	0	0	0	1	0	0
01:00	1	-	42.5	-	0	0	0	0	0	1	0	0	0	0	0
02:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0
03:00	6	54.3	50.0	4.2	0	0	0	0	0	0	4	1	1	0	0
04:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0
05:00	4	36.3	33.8	2.5	0	0	0	3	1	0	0	0	0	0	0
06:00	15	40.5	53.3	8.8	0	0	1	1	1	3	2	6	1	0	0
07:00	43	58.5	50.5	8.1	0	0	1	2	4	5	11	28	6	0	0
08:00	98	50.7	43.3	7.2	0	0	1	13	13	42	5	19	5	0	0
09:00	87	54.4	45.3	8.0	0	1	11	13	18	18	17	3	0	0	0
10:00	65	54.7	45.0	9.4	0	0	1	10	8	12	19	8	3	1	0
11:00	97	49.2	42.4	6.6	0	0	2	12	14	40	20	6	2	1	0
12:00	94	49.8	43.3	6.2	0	0	3	4	20	23	34	30	0	0	0
13:00	91	52.7	44.6	7.8	0	0	5	3	17	12	36	15	1	2	0
14:00	92	51.8	43.0	8.5	0	0	3	11	19	25	18	11	2	1	0
15:00	106	53.9	44.9	8.7	0	0	0	15	18	22	23	18	5	4	1
16:00	146	52.9	45.1	7.5	0	0	2	4	31	45	23	35	8	0	0
17:00	156	56.8	46.5	9.8	0	0	10	11	11	28	43	29	12	11	1
18:00	104	57.5	49.0	8.2	0	0	2	3	6	25	12	34	18	3	1
19:00	62	56.5	47.1	8.0	0	0	1	3	5	16	22	7	3	2	0
20:00	55	53.4	44.0	9.1	0	0	1	8	12	12	5	13	1	3	0
21:00	33	51.0	43.8	6.9	0	0	0	1	8	4	6	2	2	0	0
22:00	18	57.4	50.0	7.1	0	0	0	0	3	1	3	6	5	0	0
23:00	9	69.2	62.7	7.3	0	0	0	0	0	0	2	2	4	1	0
Total															
2H(0-12)	162	51.6	43.4	7.9	0	0	3	22	22	52	39	34	5	4	1
2H(14-16)	198	53.0	44.0	8.6	0	0	3	26	37	47	41	29	7	6	2
12H(7-19)	1201	53.9	46.2	8.4	0	0	31	99	174	298	273	214	64	44	5
24H(0-24)	1396	54.3	45.4	8.6	0	0	33	115	204	334	315	247	84	56	8
AM Peak	08:00	00:00	00:00	00:00	00:00	00:00	11:00	08:00	11:00	08:00	11:00	07:00	06:00	07:00	10:00
	98	76.2	53.8	15.9	0	0	2	13	14	42	20	28	6	6	1
PM Peak	17:00	23:00	23:00	17:00	12:00	12:00	17:00	15:00	16:00	16:00	17:00	18:00	18:00	17:00	12:00
	156	69.2	62.7	7.3	0	0	10	13	31	45	43	34	18	11	2

360 TSL Ltd

Direction: Northbound															
04/05/2022															
Hour Beginning	Total Volume	ESD Percentile	Mean Average	Standard Deviation	Bin 1 <10th%	Bin 2 10-20	Bin 3 20-30	Bin 4 30-40	Bin 5 40-50	Bin 6 50-60	Bin 7 60-70	Bin 8 70-80	Bin 9 80-90	Bin 10 90-95	Bin 11 95-99
00:00	2	59.8	52.5	7.1	0	0	0	0	0	0	1	0	1	0	0
01:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0
02:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0
03:00	2	47.2	47.5	6.0	0	0	0	0	0	0	1	0	0	0	0
04:00	4	60.2	55.0	5.0	0	0	0	0	0	0	1	0	3	0	0
05:00	11	54.2	46.1	7.8	0	0	0	2	0	2	5	0	0	0	0
06:00	41	59.3	49.5	9.5	0	0	0	3	5	5	13	3	6	0	0
07:00	74	56.1	48.1	7.7	0	0	1	5	4	12	18	21	12	1	0
08:00	190	54.4	46.1	8.2	0	6	10	24	41	46	40	34	6	0	0
09:00	138	49.6	41.1	8.1	0	0	11	21	28	32	23	21	2	0	0
10:00	124	51.1	42.7	10.1	0	15	14	13	23	25	17	10	3	0	0
11:00	103	50.2	43.3	6.7	0	0	1	8	31	15	33	12	3	0	0
12:00	112	53.5	44.9	8.3	0	0	3	4	29	24	27	1	21	1	0
13:00	139	53.0	44.1	8.6	0	0	2	10	31	17	32	11	7	4	1
14:00	94	53.3	43.3	9.7	0	1	5	18	5	18	27	12	5	3	0
15:00	115	52.0	45.4	9.3	0	4	5	28	30	18	13	10	0	0	0
16:00	125	53.8	45.4	8.1	0	0	1	12	19	31	25	29	10	4	0
17:00	101	57.7	47.1	10.3	0	0	2	6	23	10	26	10	17	5	1
18:00	93	59.5	49.0	10.1	0	0	1	2	7	26	25	15	1	6	0
19:00	44	58.9	49.3	9.3	0	0	0	2	3	14	5	9	4	7	0
20:00	26	55.5	44.3	10.7	0	0	0	2	3	4	1	2	1	2	1
21:00	28	66.2	54.6	11.2	0	0	0	1	4	3	1	1	7	11	0
22:00	11	63.0	49.5	14.9	0	0	0	0	6	1	1	1	1	1	1
23:00	5	61.0	48.0	12.5	0	0	0	0	2	1	0	0	1	1	0
Total															
2H(0-12)	227	51.9	42.9	8.7	0	0	16	22	49	37	58	29	13	3	0
2H(14-16)	209	54.3	44.5	8.5	0	1	9	21	33	48	45	25	15	12	0
12H(7-19)	1388	54.2	44.9	9.0	0	1	52	133	251	278	325	201	136	42	8
24H(0-24)	1572	55.1	45.4	9.3	0	1	52	129	277	306	349	235	141	70	10
AM Peak	08:00	04:00	04:00	10:00	00:00	00:00	10:00	09:00	11:00	08:00	08:00	08:00	06:00	00:00	00:00
	190	60.2	54.8	10.1	0	0	15	21	31	41	46	40	34	6	0
PM Peak	16:00	21:00	21:00	12:00	12:00	14:00	14:00	14:00	13:00	16:00	13:00	12:00	11:00	18:00	17:00
	125	66.2	54.6	14.9	0	1	5	18	35	31	32	23	11	6	1

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Direction: Total Flow															
Hour	Total Volume	ESD Percentile	Mean Average	Standard Deviation	Bin 1 <10th%	Bin 2 10-20	Bin 3 20-30	Bin 4 30-40	Bin 5 40-50	Bin 6 50-60	Bin 7 60-70	Bin 8 70-80	Bin 9 80-90	Bin 10 90-95	Bin 11 95-99
00:00	4	63.6	53.1	10.1	0	0	0	0	0	1	1	0	1	1	0
01:00	1	-	42.5	-	0	0	0	0	0	1	0	0	0	0	0
02:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0
03:00	8	53.2	49.4	3.7	0	0	0	0	0	0	6	1	1	0	0
04:00	4	60.2	55.0	5.0	0	0	0	0	0	0	1	0	3	0	0
05:00	15	51.9	42.8	8.8	0	0	0	5	1	2	2	5	0	0	0
06:00	16	59.6	50.0	9.3	0	0	0	4	6	8	9	15	8	7	0
07:00	137	57.4	49.2	7.8	0	0	2	7	8	17	29	49	18	7	0
08:00	288	53.4	45.1	8.0	0	0	7	23	37	83	51	62	19	6	0
09:00	225	51.5	42.7	8.6	0	0	12	32	41	51	41	38	4	6	0
10:00	189	53.7	43.5	9.9	0	0	16	24	26	34	44	25	13	6	1
11:00	300	49.7	42.8	6.6	0	0	3	20	45	55	52	18	5	1	0
12:00	206	51.9	44.2	7.4	0	0	6	8	49	47	61	13	21	1	0
13:00	210	52.8	44.2	8.3	0	0	7	13	31	29	66	26	8	1	0
14:00	186	52.6	43.2	9.1	0	1	8	29	24	43	45	23	7	5	1
15:00	221	54.5	45.1	9.0	0	0	4	18	46	52	41	31	15	13	1
16:00	273	53.3	45.2	7.8	0	0	3	16	50	78	58	42	18	10	0
17:00	257	57.1	46.7	10.0	0	0	12	17	34	38	69	39	29	16	2
18:00	197	58.5	49.0	9.1	0	0	3	5	13	51	37	49	23	9	7
19:00	106	57.5	48.0	9.2	0	0	1	5	8	30	27	16	7	10	2
20:00	81	54.0	44.1	9.6	0	0	1	10	23	16	9	14	2	5	1
21:00	51	61.0	49.7	10.9	0	0	0	2	12	7	1	9	11	0	0
22:00	39	62.0	49.7	11.8	0	0	0	6	4	2	5	9	10	1	1
23:00	14	68.5	56.8	11.3	0	0	0	0	2	1	0	2	3	5	1
Total															
2H(0-12)	389	51.8	43.1	8.4	0	0	19	44	71	89	97	43	18	7	1
2H(13-24)	101	60.2	55.8	8.1	0	1	12	47	50	76	56	54	22	28	1
17H(0-18)	2689	54.1	45.0	8.7	0	0	83	212	425	576	597	415	180	86	1
24H(0-24)	2698	54.7	45.4	9.0	0	1	85	244	481	642	654	480	225	126	18
AM Peak	08:00	04:00	04:00	00:00	00:00	00:00	00:00	11:00	08:00	08:00	08:00	08:00	08:00	00:00	00:00
PM Peak	16:00	23:00	21:00	15:00	12:00	14:00	17:00	14:00	13:00	16:00	17:00	18:00	17:00	18:00	17:00
	273	68.5	56.8	11.8	0	1	32	29	32	36	45	40	29	36	7



North Wales ATC 14, A548

Direction: Southbound

Hour Beginning	Thu 05/05/2022	Fri 06/05/2022	Sat 07/05/2022	Sun 08/05/2022	Mon 09/05/2022	Tue 10/05/2022	Wed 11/05/2022	5-Day Ave.	7-Day Ave.
00:00	2	4	2	14	2	5	2	3	4
01:00	1	1	4	7	2	0	1	1	2
02:00	3	0	1	3	0	0	0	1	1
03:00	0	2	2	1	1	2	6	2	2
04:00	2	1	1	1	2	2	0	1	1
05:00	1	2	1	1	2	3	3	2	2
06:00	26	24	10	3	19	22	18	22	17
07:00	50	53	28	18	62	62	60	57	48
08:00	111	93	47	37	114	112	104	107	88
09:00	108	109	65	50	97	100	100	103	90
10:00	113	91	86	87	75	98	75	90	89
11:00	91	87	127	125	94	91	90	91	101
12:00	87	113	154	135	96	95	88	96	110
13:00	116	115	128	125	89	94	89	101	108
14:00	100	112	121	130	104	97	103	103	110
15:00	114	123	121	116	133	112	107	118	118
16:00	142	155	124	115	124	141	164	145	138
17:00	155	163	116	74	168	168	157	162	143
18:00	100	124	93	73	97	98	101	104	98
19:00	92	83	79	41	58	59	64	71	68
20:00	61	47	49	39	43	47	49	49	48
21:00	29	43	42	21	35	29	27	33	32
22:00	28	31	27	12	19	22	18	24	22
23:00	12	17	13	5	8	8	9	11	10
Total									
12H(7-19)	1287	1338	1210	1085	1253	1268	1238	1277	1240
16H(6-22)	1495	1535	1390	1189	1408	1425	1396	1452	1405
18H(6-24)	1535	1583	1430	1206	1435	1455	1423	1486	1438
24H(0-24)	1544	1593	1441	1233	1444	1467	1435	1497	1451
AM Peak	10:00	09:00	11:00	11:00	08:00	08:00	08:00	08:00	11:00
	113	109	127	125	114	112	104	107	101
PM Peak	17:00	17:00	12:00	12:00	17:00	17:00	16:00	17:00	17:00
	155	163	154	135	168	168	164	162	145

360 TSL Ltd

Direction: Northbound

Hour Beginning	Thu 05/05/2022	Fri 06/05/2022	Sat 07/05/2022	Sun 08/05/2022	Mon 09/05/2022	Tue 10/05/2022	Wed 11/05/2022	5-Day Ave.	7-Day Ave.
00:00	1	0	2	3	3	4	2	2	2
01:00	0	0	4	3	2	0	0	0	1
02:00	1	0	2	5	1	0	0	0	1
03:00	0	2	1	1	3	0	1	1	1
04:00	1	1	2	2	4	2	4	2	2
05:00	8	4	6	3	12	11	9	9	8
06:00	34	34	17	4	35	35	35	35	28
07:00	94	86	31	20	96	96	88	92	73
08:00	150	159	66	47	160	167	175	162	132
09:00	124	124	105	87	117	108	112	117	111
10:00	107	103	119	108	104	117	111	108	110
11:00	96	132	135	133	128	91	98	109	116
12:00	104	115	118	147	103	107	113	108	115
13:00	99	94	107	103	103	93	93	96	99
14:00	113	105	129	120	99	98	87	100	107
15:00	123	125	97	109	124	99	129	120	115
16:00	124	124	129	121	125	117	116	121	122
17:00	119	109	110	96	109	111	98	109	107
18:00	82	57	88	79	58	83	81	72	75
19:00	62	38	60	51	49	57	44	50	52
20:00	51	25	42	43	33	24	30	33	35
21:00	36	22	33	23	14	21	19	22	24
22:00	24	19	29	15	15	6	15	16	18
23:00	9	12	12	3	3	6	5	7	7
Total									
12H(7-19)	1335	1333	1234	1170	1326	1287	1301	1316	1284
16H(6-22)	1518	1452	1386	1291	1457	1424	1429	1456	1422
18H(6-24)	1551	1483	1427	1309	1475	1436	1449	1479	1447
24H(0-24)	1562	1490	1444	1326	1500	1453	1465	1494	1463
AM Peak	08:00	08:00	11:00	11:00	08:00	08:00	08:00	08:00	08:00
	150	159	135	133	160	167	175	162	132
PM Peak	16:00	15:00	14:00	12:00	16:00	16:00	15:00	16:00	16:00
	124	125	129	147	125	117	129	121	122

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Thu 05/05/2022	Fri 06/05/2022	Sat 07/05/2022	Sun 08/05/2022	Mon 09/05/2022	Tue 10/05/2022	Wed 11/05/2022	5-Day Ave.	7-Day Ave.
00:00	3	4	4	17	5	9	4	5	7
01:00	1	1	8	10	4	0	1	1	4
02:00	4	0	3	8	1	0	0	1	2
03:00	0	4	3	2	4	2	7	3	3
04:00	3	2	3	3	6	4	4	4	4
05:00	9	6	7	4	14	14	12	11	9
06:00	60	58	27	7	54	57	53	56	45
07:00	144	139	59	38	158	158	148	149	121
08:00	261	252	113	84	274	279	279	269	220
09:00	232	233	170	137	214	208	212	220	201
10:00	220	194	205	195	179	215	186	199	199
11:00	187	219	262	258	222	182	188	200	217
12:00	191	228	272	282	199	202	201	204	225
13:00	215	209	235	228	192	187	182	197	207
14:00	213	217	250	250	203	195	190	204	217
15:00	237	248	218	225	257	211	236	238	233
16:00	266	279	253	236	249	258	280	266	260
17:00	274	272	236	170	277	279	255	271	250
18:00	182	181	181	152	155	181	182	176	179
19:00	154	121	139	92	107	116	108	121	120
20:00	112	72	91	82	76	71	79	82	83
21:00	65	65	75	44	49	50	46	55	56
22:00	52	50	56	27	34	28	33	39	40
23:00	21	29	25	8	11	14	14	18	17
Total									
12H(7-19)	2622	2671	2444	2255	2579	2555	2539	2593	2524
16H(6-22)	3013	2987	2776	2480	2865	2849	2825	2908	2828
18H(6-24)	3086	3066	2857	2515	2910	2891	2872	2965	2885
24H(0-24)	3106	3083	2885	2559	2944	2920	2900	2991	2914
AM Peak	08:00	08:00	11:00	11:00	08:00	08:00	08:00	08:00	08:00
	261	252	262	258	274	279	279	269	220
PM Peak	17:00	16:00	12:00	12:00	17:00	17:00	16:00	17:00	16:00
	274	279	272	282	277	279	280	271	260

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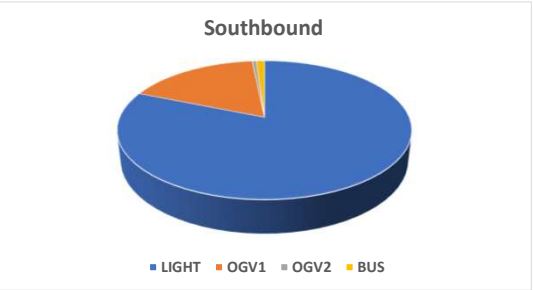
North Wales ATC 14, A548

Direction: Southbound

	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 5 May 2022	1544	1213	300	14	17
Fri 6 May 2022	1593	1314	246	13	20
Sat 7 May 2022	1441	1224	198	6	13
Sun 8 May 2022	1233	1075	154	1	3
Mon 9 May 2022	1444	1175	240	7	22
Tue 10 May 2022	1467	1152	296	6	13
Wed 11 May 2022	1435	1092	315	7	21
5 Day Ave.	1497	1189	279	9	19
7 Day Ave.	1451	1178	250	8	16

	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 5 May 2022	100.0%	78.6%	19.4%	0.9%	1.1%
Fri 6 May 2022	100.0%	82.5%	15.4%	0.8%	1.3%
Sat 7 May 2022	100.0%	84.9%	13.7%	0.4%	0.9%
Sun 8 May 2022	100.0%	87.2%	12.5%	0.1%	0.2%
Mon 9 May 2022	100.0%	81.4%	16.6%	0.5%	1.5%
Tue 10 May 2022	100.0%	78.5%	20.2%	0.4%	0.9%
Wed 11 May 2022	100.0%	76.1%	22.0%	0.5%	1.5%
5 Day Ave.	100.0%	79.5%	18.7%	0.6%	1.2%
7 Day Ave.	100.0%	81.2%	17.2%	0.5%	1.1%

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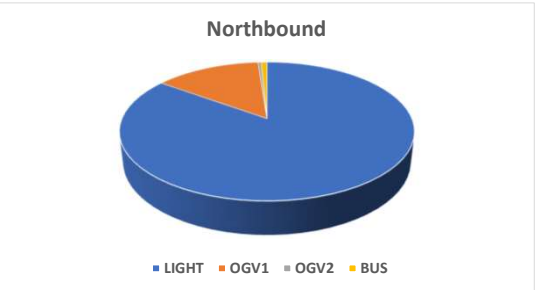


Direction: Northbound

	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 5 May 2022	1562	1261	273	9	19
Fri 6 May 2022	1490	1271	204	5	10
Sat 7 May 2022	1444	1265	169	5	5
Sun 8 May 2022	1326	1209	111	3	3
Mon 9 May 2022	1500	1277	196	7	20
Tue 10 May 2022	1453	1238	202	4	9
Wed 11 May 2022	1465	1184	260	9	12
5 Day Ave.	1494	1246	227	7	14
7 Day Ave.	1463	1244	202	6	11

	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 5 May 2022	100.0%	80.7%	17.5%	0.6%	1.2%
Fri 6 May 2022	100.0%	85.3%	13.7%	0.3%	0.7%
Sat 7 May 2022	100.0%	87.6%	11.7%	0.3%	0.3%
Sun 8 May 2022	100.0%	91.2%	8.4%	0.2%	0.2%
Mon 9 May 2022	100.0%	85.1%	13.1%	0.5%	1.3%
Tue 10 May 2022	100.0%	85.2%	13.9%	0.3%	0.6%
Wed 11 May 2022	100.0%	80.8%	17.7%	0.6%	0.8%
5 Day Ave.	100.0%	83.4%	15.2%	0.5%	0.9%
7 Day Ave.	100.0%	85.0%	13.8%	0.4%	0.8%

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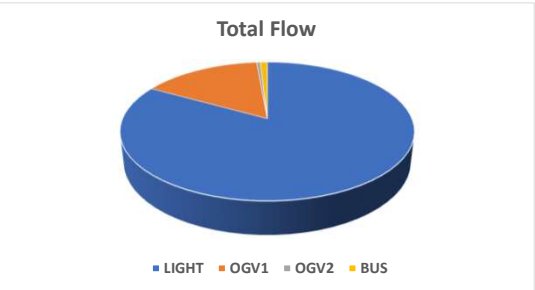


Direction: Total Flow

	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 5 May 2022	3106	2474	573	23	36
Fri 6 May 2022	3083	2585	450	18	30
Sat 7 May 2022	2885	2489	367	11	18
Sun 8 May 2022	2559	2284	265	4	6
Mon 9 May 2022	2944	2452	436	14	42
Tue 10 May 2022	2920	2390	498	10	22
Wed 11 May 2022	2900	2276	575	16	33
5 Day Ave.	2991	2435	506	16	33
7 Day Ave.	2914	2421	452	14	27

	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 5 May 2022	100.0%	79.7%	18.4%	0.7%	1.2%
Fri 6 May 2022	100.0%	83.8%	14.6%	0.6%	1.0%
Sat 7 May 2022	100.0%	86.3%	12.7%	0.4%	0.6%
Sun 8 May 2022	100.0%	89.3%	10.4%	0.2%	0.2%
Mon 9 May 2022	100.0%	83.3%	14.8%	0.5%	1.4%
Tue 10 May 2022	100.0%	81.8%	17.1%	0.3%	0.8%
Wed 11 May 2022	100.0%	78.5%	19.8%	0.6%	1.1%
5 Day Ave.	100.0%	81.4%	16.9%	0.5%	1.1%
7 Day Ave.	100.0%	83.1%	15.5%	0.5%	0.9%

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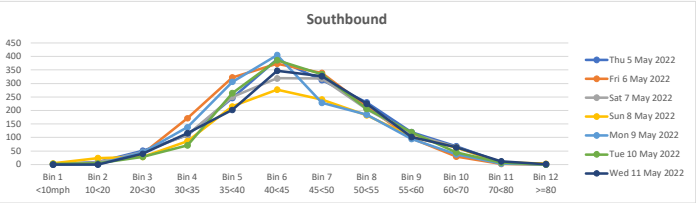


North Wales ATC 14, A548

Direction: Southbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<30	Bin 4 30<35	Bin 5 35<40	Bin 6 40<45	Bin 7 45<50	Bin 8 50<55	Bin 9 55<60	Bin 10 60<70	Bin 11 70<80	Bin 12 >=80
Thu 5 May 2022	1544	54.7	45.1	9.3	1	9	51	109	246	390	312	230	120	67	8	1
Fri 6 May 2022	1593	52.2	43.6	8.2	0	6	40	171	322	373	339	214	97	29	2	0
Sat 7 May 2022	1441	54.6	45.0	9.3	1	8	46	110	250	319	318	205	113	64	6	1
Sun 8 May 2022	1233	55.7	45.0	10.3	4	24	28	86	215	277	241	182	103	62	8	3
Mon 9 May 2022	1444	52.3	43.6	8.4	0	1	45	138	306	405	229	185	94	38	3	0
Tue 10 May 2022	1467	53.9	45.3	8.4	2	4	28	71	264	386	334	206	120	45	7	0
Wed 11 May 2022	1435	54.9	45.6	9.0	0	0	40	116	202	347	327	225	102	63	12	1
5 Day Ave.	1497	53.6	44.6	8.7	1	4	41	121	268	380	308	212	107	48	6	0
7 Day Ave.	1451	54.0	44.7	9.0	1	7	40	114	258	357	300	207	107	53	7	1

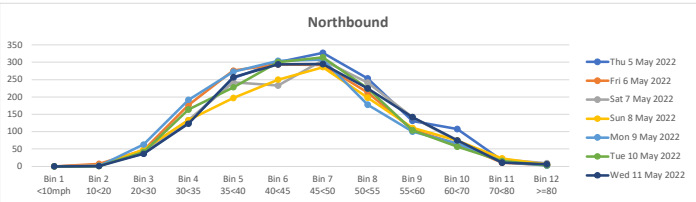
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Direction: Northbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<30	Bin 4 30<35	Bin 5 35<40	Bin 6 40<45	Bin 7 45<50	Bin 8 50<55	Bin 9 55<60	Bin 10 60<70	Bin 11 70<80	Bin 12 >=80
Thu 5 May 2022	1562	56.5	46.3	9.9	0	4	37	127	254	301	327	253	131	108	17	3
Fri 6 May 2022	1490	54.5	44.5	9.7	0	7	47	177	276	294	292	213	106	64	11	3
Sat 7 May 2022	1444	56.8	46.2	10.3	0	2	44	133	242	233	306	241	142	72	20	9
Sun 8 May 2022	1326	56.6	45.9	10.3	0	1	48	133	197	250	286	198	111	74	23	5
Mon 9 May 2022	1500	54.1	44.1	9.7	0	1	63	192	273	304	308	178	100	66	13	2
Tue 10 May 2022	1453	54.9	45.1	9.4	0	1	41	164	228	301	314	225	104	57	15	3
Wed 11 May 2022	1465	55.9	45.9	9.6	0	1	36	123	257	294	295	225	142	75	11	6
5 Day Ave.	1494	55.2	45.2	9.7	0	3	45	157	258	299	307	219	117	74	13	3
7 Day Ave.	1463	55.6	45.4	9.8	0	2	45	150	247	282	304	219	119	74	16	4

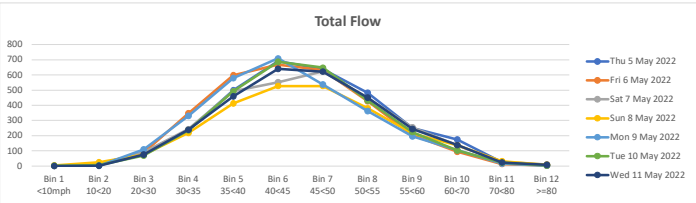
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Direction: Total Flow

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<30	Bin 4 30<35	Bin 5 35<40	Bin 6 40<45	Bin 7 45<50	Bin 8 50<55	Bin 9 55<60	Bin 10 60<70	Bin 11 70<80	Bin 12 >=80
Thu 5 May 2022	3106	55.6	45.7	9.6	1	13	88	236	500	691	639	483	251	175	25	4
Fri 6 May 2022	3083	53.4	44.0	9.0	0	13	87	348	598	667	631	427	203	93	13	3
Sat 7 May 2022	2885	55.8	45.6	9.8	1	10	90	243	492	552	624	446	255	136	26	10
Sun 8 May 2022	2559	56.2	45.5	10.3	4	25	76	219	412	527	527	380	214	136	31	8
Mon 9 May 2022	2944	53.3	43.9	9.1	0	2	108	330	579	709	537	363	194	104	16	2
Tue 10 May 2022	2920	54.4	45.2	8.9	2	5	69	235	492	687	648	431	224	102	22	3
Wed 11 May 2022	2900	55.4	45.7	9.3	0	1	76	239	459	641	622	450	244	138	23	7
5 Day Ave.	2991	54.4	44.9	9.2	1	7	86	278	526	679	615	431	223	122	20	4
7 Day Ave.	2914	54.9	45.1	9.4	1	10	85	264	505	639	604	426	226	126	22	5

360 TSL Ltd





## North Wales ATC 14, A548

Direction: Southbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<30	Bin 4 30<35	Bin 5 35<40	Bin 6 40<45	Bin 7 45<50	Bin 8 50<55	Bin 9 55<60	Bin 10 60<70	Bin 11 70<80	Bin 12 >=80
Thu 5 May 2022	204	50.8	42.9	7.6	0	0	10	12	45	66	36	25	9	0	1	0
Fri 6 May 2022	178	50.3	42.0	8.0	0	1	7	21	46	40	38	16	7	2	0	0
Sat 7 May 2022	213	52.8	43.6	8.9	1	2	8	15	43	53	42	31	14	4	0	0
Sun 8 May 2022	212	54.6	44.0	10.2	1	5	5	20	42	36	43	40	12	6	2	0
Mon 9 May 2022	169	51.1	43.2	7.7	0	0	5	12	38	62	20	22	5	5	0	0
Tue 10 May 2022	189	51.2	43.8	7.2	0	1	2	12	40	61	34	30	7	2	0	0
Wed 11 May 2022	165	52.3	43.5	8.5	0	0	6	19	24	51	38	13	8	5	1	0
5 Day Ave.	181	51.1	43.1	7.8	0	0	6	15	39	56	33	21	7	3	0	0
7 Day Ave.	190	51.9	43.3	8.3	0	1	6	16	40	53	36	25	9	3	1	0

360 TSL Ltd

Direction: Northbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<30	Bin 4 30<35	Bin 5 35<40	Bin 6 40<45	Bin 7 45<50	Bin 8 50<55	Bin 9 55<60	Bin 10 60<70	Bin 11 70<80	Bin 12 >=80
Thu 5 May 2022	203	54.1	44.8	9.1	0	1	6	16	37	43	52	26	13	7	2	0
Fri 6 May 2022	235	51.4	42.6	8.5	0	2	5	40	39	57	57	19	11	4	1	0
Sat 7 May 2022	254	53.2	43.4	9.4	0	1	12	32	52	46	52	34	17	7	0	1
Sun 8 May 2022	241	54.8	44.2	10.2	0	0	12	31	47	45	46	22	23	12	3	0
Mon 9 May 2022	232	52.1	42.0	9.7	0	0	17	40	47	48	35	22	13	9	1	0
Tue 10 May 2022	208	51.8	42.6	8.9	0	0	8	34	44	49	33	23	10	6	1	0
Wed 11 May 2022	209	52.4	43.5	8.6	0	0	8	25	47	33	51	27	13	5	0	0
5 Day Ave.	217	52.4	43.1	9.0	0	1	9	31	43	46	46	23	12	6	1	0
7 Day Ave.	226	52.8	43.3	9.2	0	1	10	31	45	46	47	25	14	7	1	0

360 TSL Ltd

Direction: Total Flow

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<30	Bin 4 30<35	Bin 5 35<40	Bin 6 40<45	Bin 7 45<50	Bin 8 50<55	Bin 9 55<60	Bin 10 60<70	Bin 11 70<80	Bin 12 >=80
Thu 5 May 2022	407	52.5	43.8	8.4	0	1	16	28	82	109	88	51	22	7	3	0
Fri 6 May 2022	413	50.9	42.3	8.3	0	3	12	61	85	97	95	35	18	6	1	0
Sat 7 May 2022	467	53.0	43.5	9.2	1	3	20	47	95	99	94	65	31	11	0	1
Sun 8 May 2022	453	54.7	44.1	10.2	1	5	17	51	89	81	89	62	35	18	5	0
Mon 9 May 2022	401	51.8	42.5	8.9	0	0	22	52	85	110	55	44	18	14	1	0
Tue 10 May 2022	397	51.6	43.1	8.1	0	1	10	46	84	110	67	53	17	8	1	0
Wed 11 May 2022	374	52.4	43.5	8.5	0	0	14	44	71	84	89	40	21	10	1	0
5 Day Ave.	398	51.8	43.1	8.5	0	1	15	46	81	102	79	45	19	9	1	0
7 Day Ave.	416	52.4	43.3	8.8	0	2	16	47	84	99	82	50	23	11	2	0

360 TSL Ltd



## North Wales ATC 14, A548

Direction: Southbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<30	Bin 4 30<35	Bin 5 35<40	Bin 6 40<45	Bin 7 45<50	Bin 8 50<55	Bin 9 55<60	Bin 10 60<70	Bin 11 70<80	Bin 12 >=80
Thu 5 May 2022	214	54.2	44.9	9.0	0	1	7	20	30	49	49	36	15	5	2	0
Fri 6 May 2022	235	51.5	43.1	8.2	0	2	6	28	47	53	52	33	12	2	0	0
Sat 7 May 2022	242	53.5	43.3	9.9	0	0	19	23	53	47	50	21	15	13	1	0
Sun 8 May 2022	246	52.4	43.6	8.5	0	1	1	30	52	72	43	29	10	5	2	1
Mon 9 May 2022	237	48.9	40.8	7.8	0	0	17	33	54	75	30	19	7	2	0	0
Tue 10 May 2022	209	52.2	43.3	8.5	1	0	9	14	47	56	40	25	12	5	0	0
Wed 11 May 2022	210	54.0	44.6	9.1	0	0	4	24	36	51	44	32	9	6	4	0
5 Day Ave.	221	52.2	43.3	8.5	0	1	9	24	43	57	43	29	11	4	1	0
7 Day Ave.	228	52.4	43.4	8.7	0	1	9	25	46	58	44	28	11	5	1	0

360 TSL Ltd

Direction: Northbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<30	Bin 4 30<35	Bin 5 35<40	Bin 6 40<45	Bin 7 45<50	Bin 8 50<55	Bin 9 55<60	Bin 10 60<70	Bin 11 70<80	Bin 12 >=80
Thu 5 May 2022	236	57.5	46.3	10.7	0	0	7	27	37	42	40	40	19	18	6	0
Fri 6 May 2022	230	52.5	42.7	9.5	0	4	13	27	42	47	46	37	9	4	1	0
Sat 7 May 2022	226	55.9	45.6	10.0	0	1	4	19	41	47	52	35	13	8	4	2
Sun 8 May 2022	229	56.0	45.9	9.8	0	0	1	27	28	63	47	37	10	10	3	3
Mon 9 May 2022	223	52.7	43.7	8.7	0	0	6	33	40	41	59	27	10	5	2	0
Tue 10 May 2022	197	52.9	44.1	8.5	0	0	4	23	32	52	46	25	8	6	0	1
Wed 11 May 2022	216	55.9	45.4	10.1	0	1	7	17	38	49	44	30	15	12	1	2
5 Day Ave.	220	54.3	44.4	9.5	0	1	7	25	38	46	47	32	12	9	2	1
7 Day Ave.	222	54.8	44.8	9.6	0	1	6	25	37	49	48	33	12	9	2	1

360 TSL Ltd

Direction: Total Flow

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<30	Bin 4 30<35	Bin 5 35<40	Bin 6 40<45	Bin 7 45<50	Bin 8 50<55	Bin 9 55<60	Bin 10 60<70	Bin 11 70<80	Bin 12 >=80
Thu 5 May 2022	450	56.0	45.6	10.0	0	1	14	47	67	91	89	76	34	23	8	0
Fri 6 May 2022	465	52.1	42.9	8.8	0	6	19	55	89	100	98	70	21	6	1	0
Sat 7 May 2022	468	54.8	44.4	10.0	0	1	23	42	94	94	102	56	28	21	5	2
Sun 8 May 2022	475	54.3	44.7	9.2	0	1	2	57	80	135	90	66	20	15	5	4
Mon 9 May 2022	460	50.9	42.2	8.4	0	0	23	66	94	116	89	46	17	7	2	0
Tue 10 May 2022	406	52.5	43.7	8.5	1	0	13	37	79	108	86	50	20	11	0	1
Wed 11 May 2022	426	55.0	45.0	9.6	0	1	11	41	74	100	88	62	24	18	5	2
5 Day Ave.	441	53.3	43.9	9.1	0	2	16	49	81	103	90	61	23	13	3	1
7 Day Ave.	450	53.6	44.1	9.2	0	1	15	49	82	106	92	61	23	14	4	1

360 TSL Ltd



# North Wales ATC 14, A548

Direction: Southbound

05/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	2	1	1	0	0
01:00	1	1	0	0	0
02:00	3	1	2	0	0
03:00	0	0	0	0	0
04:00	2	1	0	0	1
05:00	1	1	0	0	0
06:00	26	17	8	1	0
07:00	50	34	13	1	2
08:00	111	81	28	1	1
09:00	108	69	34	2	3
10:00	113	97	13	1	2
11:00	91	72	17	1	1
12:00	87	72	15	0	0
13:00	116	94	18	2	2
14:00	100	75	25	0	0
15:00	114	81	32	0	1
16:00	142	111	30	0	1
17:00	155	124	26	2	3
18:00	100	77	21	2	0
19:00	92	82	9	1	0
20:00	61	57	4	0	0
21:00	29	27	2	0	0
22:00	28	27	1	0	0
23:00	12	11	1	0	0
Total					
12H(7-19)	1287	987	272	12	16
16H(6-22)	1495	1170	295	14	16
18H(6-24)	1535	1208	297	14	16
24H(0-24)	1544	1213	300	14	17
AM Peak	10:00	10:00	09:00	09:00	09:00
	113	97	34	2	3
PM Peak	17:00	17:00	15:00	13:00	17:00
	155	124	32	2	3

360 TSL Ltd

Direction: Northbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	1	1	0	0	0
01:00	0	0	0	0	0
02:00	1	1	0	0	0
03:00	0	0	0	0	0
04:00	1	1	0	0	0
05:00	8	6	2	0	0
06:00	34	24	10	0	0
07:00	94	75	19	0	0
08:00	150	131	17	0	2
09:00	124	98	22	3	1
10:00	107	83	21	1	2
11:00	96	81	14	0	1
12:00	104	83	19	0	2
13:00	99	72	24	2	1
14:00	113	88	23	0	2
15:00	123	107	15	1	0
16:00	124	87	31	1	5
17:00	119	97	21	1	0
18:00	82	68	11	0	3
19:00	62	55	7	0	0
20:00	51	41	10	0	0
21:00	36	35	1	0	0
22:00	24	20	4	0	0
23:00	9	7	2	0	0
Total					
12H(7-19)	1335	1070	237	9	19
16H(6-22)	1518	1225	265	9	19
18H(6-24)	1551	1252	271	9	19
24H(0-24)	1562	1261	273	9	19
AM Peak	08:00	08:00	09:00	09:00	08:00
	150	131	22	3	2
PM Peak	16:00	15:00	16:00	13:00	16:00
	124	107	31	2	5

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	3	2	1	0	0
01:00	1	1	0	0	0
02:00	4	2	2	0	0
03:00	0	0	0	0	0
04:00	3	2	0	0	1
05:00	9	7	2	0	0
06:00	60	41	18	1	0
07:00	144	109	32	1	2
08:00	261	212	45	1	3
09:00	232	167	56	5	4
10:00	220	180	34	2	4
11:00	187	153	31	1	2
12:00	191	155	34	0	2
13:00	215	166	42	4	3
14:00	213	163	48	0	2
15:00	237	188	47	1	1
16:00	266	198	61	1	6
17:00	274	221	47	3	3
18:00	182	145	32	2	3
19:00	154	137	16	1	0
20:00	112	98	14	0	0
21:00	65	62	3	0	0
22:00	52	47	5	0	0
23:00	21	18	3	0	0
Total					
12H(7-19)	2622	2057	509	21	35
16H(6-22)	3013	2395	560	23	35
18H(6-24)	3086	2460	568	23	35
24H(0-24)	3106	2474	573	23	36
AM Peak	08:00	08:00	09:00	09:00	09:00
	261	212	56	5	4
PM Peak	17:00	17:00	16:00	13:00	16:00
	274	221	61	4	6

360 TSL Ltd



# North Wales ATC 14, A548

Direction: Southbound

06/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	4	4	0	0	0
01:00	1	1	0	0	0
02:00	0	0	0	0	0
03:00	2	0	0	2	0
04:00	1	0	0	0	1
05:00	2	1	1	0	0
06:00	24	13	8	2	1
07:00	53	36	12	1	4
08:00	93	75	16	0	2
09:00	109	78	26	2	3
10:00	91	73	15	1	2
11:00	87	67	18	1	1
12:00	113	99	14	0	0
13:00	115	94	17	0	4
14:00	112	99	13	0	0
15:00	123	101	20	1	1
16:00	155	132	21	2	0
17:00	163	138	23	1	1
18:00	124	110	14	0	0
19:00	83	70	13	0	0
20:00	47	40	7	0	0
21:00	43	42	1	0	0
22:00	31	26	5	0	0
23:00	17	15	2	0	0
Total					
12H(7-19)	1338	1102	209	9	18
16H(6-22)	1535	1267	238	11	19
18H(6-24)	1583	1308	245	11	19
24H(0-24)	1593	1314	246	13	20
AM Peak	09:00 109	09:00 78	09:00 26	03:00 2	07:00 4
PM Peak	17:00 163	17:00 138	17:00 23	16:00 2	13:00 4

360 TSL Ltd

Direction: Northbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	0	0	0	0	0
01:00	0	0	0	0	0
02:00	0	0	0	0	0
03:00	2	2	0	0	0
04:00	1	1	0	0	0
05:00	4	3	1	0	0
06:00	34	26	7	1	0
07:00	86	75	10	0	1
08:00	159	139	18	1	1
09:00	124	109	12	1	2
10:00	103	90	10	2	1
11:00	132	111	21	0	0
12:00	115	95	20	0	0
13:00	94	87	7	0	0
14:00	105	86	17	0	2
15:00	125	110	15	0	0
16:00	124	97	25	0	2
17:00	109	97	12	0	0
18:00	57	48	9	0	0
19:00	38	32	6	0	0
20:00	25	20	5	0	0
21:00	22	19	2	0	1
22:00	19	16	3	0	0
23:00	12	8	4	0	0
Total					
12H(7-19)	1333	1144	176	4	9
16H(6-22)	1452	1241	196	5	10
18H(6-24)	1483	1265	203	5	10
24H(0-24)	1490	1271	204	5	10
AM Peak	08:00 159	08:00 139	11:00 21	10:00 2	09:00 2
PM Peak	15:00 125	15:00 110	16:00 25	12:00 0	14:00 2

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	4	4	0	0	0
01:00	1	1	0	0	0
02:00	0	0	0	0	0
03:00	4	2	0	2	0
04:00	2	1	0	0	1
05:00	6	4	2	0	0
06:00	58	39	15	3	1
07:00	139	111	22	1	5
08:00	252	214	34	1	3
09:00	233	187	38	3	5
10:00	194	163	25	3	3
11:00	219	178	39	1	1
12:00	228	194	34	0	0
13:00	209	181	24	0	4
14:00	217	185	30	0	2
15:00	248	211	35	1	1
16:00	279	229	46	2	2
17:00	272	235	35	1	1
18:00	181	158	23	0	0
19:00	121	102	19	0	0
20:00	72	60	12	0	0
21:00	65	61	3	0	1
22:00	50	42	8	0	0
23:00	29	23	6	0	0
Total					
12H(7-19)	2671	2246	385	13	27
16H(6-22)	2987	2508	434	16	29
18H(6-24)	3066	2573	448	16	29
24H(0-24)	3083	2585	450	18	30
AM Peak	08:00 252	08:00 214	11:00 39	06:00 3	07:00 5
PM Peak	16:00 279	17:00 235	16:00 46	16:00 2	13:00 4

360 TSL Ltd



# North Wales ATC 14, A548

Direction: Southbound

07/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	2	2	0	0	0
01:00	4	3	1	0	0
02:00	1	1	0	0	0
03:00	2	2	0	0	0
04:00	1	0	0	0	1
05:00	1	0	1	0	0
06:00	10	10	0	0	0
07:00	28	20	6	0	2
08:00	47	28	17	0	2
09:00	65	57	8	0	0
10:00	86	74	9	1	2
11:00	127	107	18	1	1
12:00	154	134	20	0	0
13:00	128	102	22	1	3
14:00	121	105	16	0	0
15:00	121	103	17	0	1
16:00	124	106	16	2	0
17:00	116	99	15	1	1
18:00	93	85	8	0	0
19:00	79	70	9	0	0
20:00	49	42	7	0	0
21:00	42	40	2	0	0
22:00	27	24	3	0	0
23:00	13	10	3	0	0
Total					
12H(7-19)	1210	1020	172	6	12
16H(6-22)	1390	1182	190	6	12
18H(6-24)	1430	1216	196	6	12
24H(0-24)	1441	1224	198	6	13
AM Peak	11:00 127	11:00 107	11:00 18	10:00 1	07:00 2
PM Peak	12:00 154	12:00 134	13:00 22	16:00 2	13:00 3

360 TSL Ltd

Direction: Northbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	2	2	0	0	0
01:00	4	4	0	0	0
02:00	2	2	0	0	0
03:00	1	0	1	0	0
04:00	2	1	0	0	1
05:00	6	6	0	0	0
06:00	17	12	5	0	0
07:00	31	26	5	0	0
08:00	66	59	6	0	1
09:00	105	98	6	0	1
10:00	119	105	13	1	0
11:00	135	118	17	0	0
12:00	118	104	13	0	1
13:00	107	91	15	1	0
14:00	129	114	13	2	0
15:00	97	81	16	0	0
16:00	129	113	15	0	1
17:00	110	99	11	0	0
18:00	88	80	8	0	0
19:00	60	53	7	0	0
20:00	42	34	8	0	0
21:00	33	28	4	1	0
22:00	29	25	4	0	0
23:00	12	10	2	0	0
Total					
12H(7-19)	1234	1088	138	4	4
16H(6-22)	1386	1215	162	5	4
18H(6-24)	1427	1250	168	5	4
24H(0-24)	1444	1265	169	5	5
AM Peak	11:00 135	11:00 118	11:00 17	10:00 1	04:00 1
PM Peak	14:00 129	14:00 114	15:00 16	14:00 2	12:00 1

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	4	4	0	0	0
01:00	8	7	1	0	0
02:00	3	3	0	0	0
03:00	3	2	1	0	0
04:00	3	1	0	0	2
05:00	7	6	1	0	0
06:00	27	22	5	0	0
07:00	59	46	11	0	2
08:00	113	87	23	0	3
09:00	170	155	14	0	1
10:00	205	179	22	2	2
11:00	262	225	35	1	1
12:00	272	238	33	0	1
13:00	235	193	37	2	3
14:00	250	219	29	2	0
15:00	218	184	33	0	1
16:00	253	219	31	2	1
17:00	226	198	26	1	1
18:00	181	165	16	0	0
19:00	139	123	16	0	0
20:00	91	76	15	0	0
21:00	75	68	6	1	0
22:00	56	49	7	0	0
23:00	25	20	5	0	0
Total					
12H(7-19)	2444	2108	310	10	16
16H(6-22)	2776	2397	352	11	16
18H(6-24)	2857	2466	364	11	16
24H(0-24)	2885	2489	367	11	18
AM Peak	11:00 262	11:00 225	11:00 35	10:00 2	08:00 3
PM Peak	12:00 272	12:00 238	13:00 37	13:00 2	13:00 3

360 TSL Ltd



# North Wales ATC 14, A548

Direction: Southbound

08/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	14	11	3	0	0
01:00	7	3	4	0	0
02:00	3	3	0	0	0
03:00	1	1	0	0	0
04:00	1	1	0	0	0
05:00	1	1	0	0	0
06:00	3	3	0	0	0
07:00	18	15	3	0	0
08:00	37	28	9	0	0
09:00	50	42	8	0	0
10:00	87	76	10	0	1
11:00	125	108	17	0	0
12:00	135	128	6	1	0
13:00	125	108	16	0	1
14:00	130	115	15	0	0
15:00	116	97	19	0	0
16:00	115	107	8	0	0
17:00	74	64	10	0	0
18:00	73	61	12	0	0
19:00	41	33	8	0	0
20:00	39	34	4	0	1
21:00	21	20	1	0	0
22:00	12	11	1	0	0
23:00	5	5	0	0	0
Total					
12H(7-19)	1085	949	133	1	2
16H(6-22)	1189	1039	146	1	3
18H(6-24)	1206	1055	147	1	3
24H(0-24)	1233	1075	154	1	3
AM Peak	11:00 125	11:00 108	11:00 17	00:00 0	10:00 1
PM Peak	12:00 135	12:00 128	15:00 19	12:00 1	13:00 1

360 TSL Ltd

Direction: Northbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	3	3	0	0	0
01:00	3	2	1	0	0
02:00	5	2	3	0	0
03:00	1	1	0	0	0
04:00	2	2	0	0	0
05:00	3	3	0	0	0
06:00	4	3	1	0	0
07:00	20	18	1	1	0
08:00	47	40	7	0	0
09:00	87	81	5	0	1
10:00	108	96	11	1	0
11:00	133	119	14	0	0
12:00	147	135	11	1	0
13:00	103	91	12	0	0
14:00	120	114	5	0	1
15:00	109	98	11	0	0
16:00	121	117	4	0	0
17:00	96	93	2	0	1
18:00	79	68	11	0	0
19:00	51	44	7	0	0
20:00	43	39	4	0	0
21:00	23	22	1	0	0
22:00	15	15	0	0	0
23:00	3	3	0	0	0
Total					
12H(7-19)	1170	1070	94	3	3
16H(6-22)	1291	1178	107	3	3
18H(6-24)	1309	1196	107	3	3
24H(0-24)	1326	1209	111	3	3
AM Peak	11:00 133	11:00 119	11:00 14	07:00 1	09:00 1
PM Peak	12:00 147	12:00 135	13:00 12	12:00 1	14:00 1

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	17	14	3	0	0
01:00	10	5	5	0	0
02:00	8	5	3	0	0
03:00	2	2	0	0	0
04:00	3	3	0	0	0
05:00	4	4	0	0	0
06:00	7	6	1	0	0
07:00	38	33	4	1	0
08:00	84	68	16	0	0
09:00	137	123	13	0	1
10:00	195	172	21	1	1
11:00	258	227	31	0	0
12:00	282	263	17	2	0
13:00	228	199	28	0	1
14:00	250	229	20	0	1
15:00	225	195	30	0	0
16:00	236	224	12	0	0
17:00	170	157	12	0	1
18:00	152	129	23	0	0
19:00	92	77	15	0	0
20:00	82	73	8	0	1
21:00	44	42	2	0	0
22:00	27	26	1	0	0
23:00	8	8	0	0	0
Total					
12H(7-19)	2255	2019	227	4	5
16H(6-22)	2480	2217	253	4	6
18H(6-24)	2515	2251	254	4	6
24H(0-24)	2559	2284	265	4	6
AM Peak	11:00 258	11:00 227	11:00 31	07:00 1	09:00 1
PM Peak	12:00 282	12:00 263	15:00 30	12:00 2	13:00 1

360 TSL Ltd



# North Wales ATC 14, A548

Direction: Southbound

09/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	2	2	0	0	0
01:00	2	1	1	0	0
02:00	0	0	0	0	0
03:00	1	1	0	0	0
04:00	2	0	1	0	1
05:00	2	0	1	0	1
06:00	19	16	3	0	0
07:00	62	39	18	1	4
08:00	114	83	28	2	1
09:00	97	70	24	1	2
10:00	75	49	22	0	4
11:00	94	71	17	2	4
12:00	96	78	16	1	1
13:00	89	76	12	0	1
14:00	104	90	14	0	0
15:00	133	112	20	0	1
16:00	124	102	22	0	0
17:00	168	142	24	0	2
18:00	97	88	9	0	0
19:00	58	54	4	0	0
20:00	43	41	2	0	0
21:00	35	35	0	0	0
22:00	19	17	2	0	0
23:00	8	8	0	0	0
Total					
12H(7-19)	1253	1000	226	7	20
16H(6-22)	1408	1146	235	7	20
18H(6-24)	1435	1171	237	7	20
24H(0-24)	1444	1175	240	7	22
AM Peak	08:00 114	08:00 83	08:00 28	08:00 2	07:00 4
PM Peak	17:00 168	17:00 142	17:00 24	12:00 1	17:00 2

360 TSL Ltd

Direction: Northbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	3	3	0	0	0
01:00	2	2	0	0	0
02:00	1	0	1	0	0
03:00	3	3	0	0	0
04:00	4	3	1	0	0
05:00	12	10	2	0	0
06:00	35	29	6	0	0
07:00	96	78	17	0	1
08:00	160	143	16	1	0
09:00	117	103	11	0	3
10:00	104	75	25	1	3
11:00	128	108	17	0	3
12:00	103	78	20	2	3
13:00	103	86	14	0	3
14:00	99	81	17	1	0
15:00	124	109	13	0	2
16:00	125	103	18	2	2
17:00	109	101	8	0	0
18:00	58	55	3	0	0
19:00	49	47	2	0	0
20:00	33	31	2	0	0
21:00	14	12	2	0	0
22:00	15	15	0	0	0
23:00	3	2	1	0	0
Total					
12H(7-19)	1326	1120	179	7	20
16H(6-22)	1457	1239	191	7	20
18H(6-24)	1475	1256	192	7	20
24H(0-24)	1500	1277	196	7	20
AM Peak	08:00 160	08:00 143	10:00 25	08:00 1	09:00 3
PM Peak	16:00 125	15:00 109	12:00 20	12:00 2	12:00 3

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	5	5	0	0	0
01:00	4	3	1	0	0
02:00	1	0	1	0	0
03:00	4	4	0	0	0
04:00	6	3	2	0	1
05:00	14	10	3	0	1
06:00	54	45	9	0	0
07:00	158	117	35	1	5
08:00	274	226	44	3	1
09:00	214	173	35	1	5
10:00	179	124	47	1	7
11:00	222	179	34	2	7
12:00	199	156	36	3	4
13:00	192	162	26	0	4
14:00	203	171	31	1	0
15:00	257	221	33	0	3
16:00	249	205	40	2	2
17:00	277	243	32	0	2
18:00	155	143	12	0	0
19:00	107	101	6	0	0
20:00	76	72	4	0	0
21:00	49	47	2	0	0
22:00	34	32	2	0	0
23:00	11	10	1	0	0
Total					
12H(7-19)	2579	2120	405	14	40
16H(6-22)	2865	2385	426	14	40
18H(6-24)	2910	2427	429	14	40
24H(0-24)	2944	2452	436	14	42
AM Peak	08:00 274	08:00 226	10:00 47	08:00 3	10:00 7
PM Peak	17:00 277	17:00 243	16:00 40	12:00 3	12:00 4

360 TSL Ltd



# North Wales ATC 14, A548

Direction: Southbound

10/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	5	4	1	0	0
01:00	0	0	0	0	0
02:00	0	0	0	0	0
03:00	2	2	0	0	0
04:00	2	0	2	0	0
05:00	3	3	0	0	0
06:00	22	14	7	1	0
07:00	62	39	21	1	1
08:00	112	78	31	1	2
09:00	100	69	30	0	1
10:00	98	66	30	0	2
11:00	91	75	16	0	0
12:00	95	79	14	1	1
13:00	94	76	17	0	1
14:00	97	74	19	1	3
15:00	112	91	20	0	1
16:00	141	119	21	1	0
17:00	168	133	34	0	1
18:00	98	84	14	0	0
19:00	59	52	7	0	0
20:00	47	46	1	0	0
21:00	29	27	2	0	0
22:00	22	15	7	0	0
23:00	8	6	2	0	0
Total					
12H(7-19)	1268	983	267	5	13
16H(6-22)	1425	1122	284	6	13
18H(6-24)	1455	1143	293	6	13
24H(0-24)	1467	1152	296	6	13
AM Peak	08:00 112	08:00 78	08:00 31	06:00 1	08:00 2
PM Peak	17:00 168	17:00 133	17:00 34	12:00 1	14:00 3

360 TSL Ltd

Direction: Northbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	4	4	0	0	0
01:00	0	0	0	0	0
02:00	0	0	0	0	0
03:00	0	0	0	0	0
04:00	2	2	0	0	0
05:00	11	10	1	0	0
06:00	35	25	9	1	0
07:00	96	85	11	0	0
08:00	167	151	14	2	0
09:00	108	96	10	0	2
10:00	117	90	24	0	3
11:00	91	81	10	0	0
12:00	107	90	16	0	1
13:00	93	75	17	1	0
14:00	98	80	16	0	2
15:00	99	81	18	0	0
16:00	117	92	24	0	1
17:00	111	103	8	0	0
18:00	83	75	8	0	0
19:00	57	47	10	0	0
20:00	24	22	2	0	0
21:00	21	19	2	0	0
22:00	6	5	1	0	0
23:00	6	5	1	0	0
Total					
12H(7-19)	1287	1099	176	3	9
16H(6-22)	1424	1212	199	4	9
18H(6-24)	1436	1222	201	4	9
24H(0-24)	1453	1238	202	4	9
AM Peak	08:00 167	08:00 151	10:00 24	08:00 2	10:00 3
PM Peak	16:00 117	17:00 103	16:00 24	13:00 1	14:00 2

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	9	8	1	0	0
01:00	0	0	0	0	0
02:00	0	0	0	0	0
03:00	2	2	0	0	0
04:00	4	2	2	0	0
05:00	14	13	1	0	0
06:00	57	39	16	2	0
07:00	158	124	32	1	1
08:00	279	229	45	3	2
09:00	208	165	40	0	3
10:00	215	156	54	0	5
11:00	182	156	26	0	0
12:00	202	169	30	1	2
13:00	187	151	34	1	1
14:00	195	154	35	1	5
15:00	211	172	38	0	1
16:00	258	211	45	1	1
17:00	279	236	42	0	1
18:00	181	159	22	0	0
19:00	116	99	17	0	0
20:00	71	68	3	0	0
21:00	50	46	4	0	0
22:00	28	20	8	0	0
23:00	14	11	3	0	0
Total					
12H(7-19)	2555	2082	443	8	22
16H(6-22)	2849	2334	483	10	22
18H(6-24)	2891	2365	494	10	22
24H(0-24)	2920	2390	498	10	22
AM Peak	08:00 279	08:00 229	10:00 54	08:00 3	10:00 5
PM Peak	17:00 279	17:00 236	16:00 45	12:00 1	14:00 5

360 TSL Ltd



# North Wales ATC 14, A548

Direction: Southbound

11/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	2	1	1	0	0
01:00	1	1	0	0	0
02:00	0	0	0	0	0
03:00	6	3	2	1	0
04:00	0	0	0	0	0
05:00	3	1	2	0	0
06:00	18	12	5	1	0
07:00	60	45	12	0	3
08:00	104	69	33	1	1
09:00	100	63	35	0	2
10:00	75	52	21	0	2
11:00	90	67	21	1	1
12:00	88	67	18	0	3
13:00	89	70	15	2	2
14:00	103	79	22	0	2
15:00	107	88	17	1	1
16:00	164	137	27	0	0
17:00	157	115	39	0	3
18:00	101	84	16	0	1
19:00	64	52	12	0	0
20:00	49	43	6	0	0
21:00	27	21	6	0	0
22:00	18	16	2	0	0
23:00	9	6	3	0	0
Total					
12H(7-19)	1238	936	276	5	21
16H(6-22)	1396	1064	305	6	21
18H(6-24)	1423	1086	310	6	21
24H(0-24)	1435	1092	315	7	21
AM Peak	08:00 104	08:00 69	09:00 35	03:00 1	07:00 3
PM Peak	16:00 164	16:00 137	17:00 39	13:00 2	12:00 3

360 TSL Ltd

Direction: Northbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	2	1	1	0	0
01:00	0	0	0	0	0
02:00	0	0	0	0	0
03:00	1	0	0	1	0
04:00	4	3	0	1	0
05:00	9	7	2	0	0
06:00	35	26	8	1	0
07:00	88	79	9	0	0
08:00	175	152	22	1	0
09:00	112	99	9	2	2
10:00	111	90	19	0	2
11:00	98	78	18	2	0
12:00	113	90	22	0	1
13:00	93	73	20	0	0
14:00	87	63	23	0	1
15:00	129	104	24	1	0
16:00	116	81	32	0	3
17:00	98	81	15	0	2
18:00	81	67	14	0	0
19:00	44	31	13	0	0
20:00	30	26	4	0	0
21:00	19	15	4	0	0
22:00	15	14	1	0	0
23:00	5	4	0	0	1
Total					
12H(7-19)	1301	1057	227	6	11
16H(6-22)	1429	1155	256	7	11
18H(6-24)	1449	1173	257	7	12
24H(0-24)	1465	1184	260	9	12
AM Peak	08:00 175	08:00 152	08:00 22	09:00 2	09:00 2
PM Peak	15:00 129	15:00 104	16:00 32	15:00 1	16:00 3

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	4	2	2	0	0
01:00	1	1	0	0	0
02:00	0	0	0	0	0
03:00	7	3	2	2	0
04:00	4	3	0	1	0
05:00	12	8	4	0	0
06:00	53	38	13	2	0
07:00	148	124	21	0	3
08:00	279	221	55	2	1
09:00	212	162	44	2	4
10:00	186	142	40	0	4
11:00	188	145	39	3	1
12:00	201	157	40	0	4
13:00	182	143	35	2	2
14:00	190	142	45	0	3
15:00	236	192	41	2	1
16:00	280	218	59	0	3
17:00	255	196	54	0	5
18:00	182	151	30	0	1
19:00	108	83	25	0	0
20:00	79	69	10	0	0
21:00	46	36	10	0	0
22:00	33	30	3	0	0
23:00	14	10	3	0	1
Total					
12H(7-19)	2539	1993	503	11	32
16H(6-22)	2825	2219	561	13	32
18H(6-24)	2872	2259	567	13	33
24H(0-24)	2900	2276	575	16	33
AM Peak	08:00 279	08:00 221	08:00 55	11:00 3	09:00 4
PM Peak	16:00 280	16:00 218	16:00 59	13:00 2	17:00 5

360 TSL Ltd



Direction: Southbound

[illegible]

Direction: Northbound

360 TSL Ltd[illegible]

360 TSL Ltd



North Wales ATC 14, A548

Direction: Southbound

06/05/2022																
Hour Beginning	Total Volume	ECM Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-40	Bin 5 40-50	Bin 6 50-60	Bin 7 60-70	Bin 8 70-80	Bin 9 80-90	Bin 10 90-100	Bin 11 100-110	Bin 12 >110
00:00	4	51.7	45.0	6.5	0	0	0	0	1	1	1	0	0	0	0	0
01:00	1	-	47.5	-	0	0	0	0	0	0	1	0	0	0	0	0
02:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
03:00	2	42.5	42.5	0.0	0	0	0	0	0	2	0	0	0	0	0	0
04:00	1	-	42.5	-	0	0	0	0	0	1	0	0	0	0	0	0
05:00	2	56.0	45.0	10.6	0	0	0	0	1	1	0	0	0	0	0	2
06:00	24	58.9	49.2	9.4	0	0	0	1	2	5	7	3	4	1	1	0
07:00	53	52.5	46.4	8.9	0	0	0	0	7	18	13	80	5	0	0	0
08:00	93	50.7	42.0	8.4	0	3	1	9	23	24	19	11	2	1	0	0
09:00	409	42.2	44.9	7.4	0	2	13	30	31	16	8	5	1	0	0	0
10:00	91	52.7	43.8	8.0	0	1	2	4	24	19	22	12	6	1	0	0
11:00	87	47.8	40.1	7.5	0	0	5	17	22	21	16	4	1	1	0	0
12:00	113	50.4	42.3	7.8	0	0	3	16	20	24	24	11	4	2	0	0
13:00	115	48.4	40.0	8.0	0	0	9	23	27	27	13	13	3	0	0	0
14:00	112	51.2	42.9	8.0	0	0	5	13	24	23	25	17	4	1	0	0
15:00	113	51.9	43.3	8.3	0	2	1	15	23	30	27	16	8	1	0	0
16:00	155	51.3	44.7	7.3	0	0	3	13	34	25	44	17	7	2	0	0
17:00	163	52.8	44.4	8.1	0	0	3	17	27	41	27	22	12	4	0	0
18:00	124	54.4	45.9	8.2	0	0	2	11	13	32	25	29	7	5	0	0
19:00	83	55.2	46.2	8.7	0	0	0	11	11	16	16	12	12	2	0	0
20:00	47	54.7	46.4	8.0	0	0	2	2	5	6	18	7	7	0	0	0
21:00	43	54.0	44.5	9.2	0	0	2	4	8	8	9	8	3	2	0	0
22:00	31	56.0	46.7	9.0	0	0	0	2	8	4	4	8	3	2	0	0
23:00	17	62.0	50.9	10.8	0	0	0	0	3	3	2	4	2	2	1	0
Total	178	50.3	42.0	8.0	0	1	7	21	46	40	38	16	7	2	0	0
2H(14-18)	235	51.5	43.1	8.2	0	2	6	28	47	53	52	33	12	2	0	0
12H(7-19)	1188	51.4	43.1	8.0	0	6	36	151	283	327	281	170	64	20	0	0
24H(0-24)	1593	51.2	43.6	8.2	0	6	40	171	322	373	339	214	97	29	2	0
AM Peak	09:00	06:00	06:00	06:00	00:00	08:00	11:00	11:00	09:00	09:00	10:00	10:00	10:00	09:00	06:00	00:00
	109	58.9	49.2	10.6	0	3	5	17	30	33	22	12	6	2	1	0
PM Peak	17:00	23:00	23:00	23:00	12:00	15:00	13:00	13:00	16:00	17:00	16:00	18:00	19:00	18:00	23:00	12:00
	163	62.0	50.9	10.8	0	2	9	23	34	41	44	29	15	5	1	0

360 TSL Ltd

Direction: Northbound

06/05/2022																
Hour Beginning	Total Volume	ECM Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-40	Bin 5 40-50	Bin 6 50-60	Bin 7 60-70	Bin 8 70-80	Bin 9 80-90	Bin 10 90-100	Bin 11 100-110	Bin 12 >110
00:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
03:00	2	43.7	40.0	8.0	0	0	0	0	1	1	0	0	0	0	0	0
04:00	1	-	75.0	-	0	0	0	0	0	0	0	0	0	0	1	0
05:00	4	68.4	53.1	10.1	0	0	0	0	0	1	1	0	0	0	0	0
06:00	34	61.9	51.0	10.6	0	0	0	3	4	3	5	7	7	7	0	0
07:00	86	58.4	48.5	9.8	0	0	1	6	11	10	22	38	7	7	2	0
08:00	159	52.2	43.9	8.0	0	1	16	38	40	31	21	7	4	1	0	0
09:00	124	53.5	43.4	9.8	0	1	6	16	23	26	23	16	6	7	0	0
10:00	103	53.6	43.2	9.5	0	1	2	16	29	17	9	6	4	0	0	0
11:00	132	50.1	42.1	7.7	0	1	3	24	21	28	40	10	5	0	0	0
12:00	115	52.1	42.8	9.1	0	0	4	18	27	19	27	11	7	1	0	1
13:00	94	49.2	40.8	8.4	0	0	7	16	23	22	11	9	0	0	0	0
14:00	105	53.0	42.9	9.7	0	1	8	12	15	23	23	17	3	2	1	0
15:00	125	52.2	42.5	9.4	0	3	5	15	27	24	23	10	6	2	0	0
16:00	124	55.7	46.2	9.1	0	0	3	9	18	26	26	27	9	5	0	1
17:00	109	55.3	46.3	9.5	0	0	2	11	26	15	18	39	13	4	1	0
18:00	57	58.1	46.4	11.3	0	0	3	6	7	11	10	10	2	7	1	0
19:00	38	62.0	48.9	11.6	0	0	0	2	7	5	6	6	7	3	1	1
20:00	25	60.3	48.9	11.0	0	0	1	2	3	4	6	3	0	0	0	0
21:00	22	58.0	47.0	10.5	0	0	0	4	3	3	1	6	3	2	0	0
22:00	19	59.5	47.0	12.5	0	0	0	1	1	1	1	1	1	1	1	0
23:00	12	67.0	56.9	10.4	0	0	0	0	1	1	0	4	2	3	1	0
Total	1216	51.4	42.6	8.5	0	2	5	40	39	57	57	39	11	4	1	0
2H(14-18)	230	52.5	42.7	8.5	0	4	13	27	42	47	46	37	9	4	1	0
12H(7-19)	1333	53.5	43.8	9.3	0	7	45	165	254	273	271	187	79	43	7	2
24H(0-24)	1490	54.5	44.5	9.7	0	7	47	177	276	294	292	215	106	64	11	3
AM Peak	08:00	05:00	04:00	06:00	00:00	09:00	09:00	11:00	08:00	08:00	11:00	08:00	07:00	06:00	07:00	00:00
	139	63.4	79.8	10.6	0	1	6	24	38	40	49	31	9	7	2	0
PM Peak	15:00	22:00	23:00	22:00	12:00	15:00	14:00	12:00	12:00	16:00	12:00	16:00	17:00	18:00	14:00	12:00
	125	67.0	56.9	12.1	0	3	8	18	27	26	27	27	19	7	1	1

360 TSL Ltd

Direction: Total Flow																
Hour	Total Volume	ECM Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-40	Bin 5 40-50	Bin 6 50-60	Bin 7 60-70	Bin 8 70-80	Bin 9 80-90	Bin 10 90-100	Bin 11 100-110	Bin 12 >110
00:00	4	51.7	45.0	6.5	0	0	0	0	1	1	1	1	0	0	0	0
01:00	1	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
03:00	4	43.8	41.3	2.5	0	0	0	0	1	3	0	0	0	0	0	0
04:00	2	82.6	58.8	23.0	0	0	0	0	0	0	1	0	0	0	0	1
05:00	6	60.8	50.4	10.1	0	0	0	0	1	1	1	1	1	1	0	0
06:00	18	60.7	50.2	10.1	0	0	0	4	8	8	12	8	11	8	0	0
07:00	139	56.5	47.7	8.6	0	0	1	4	18	28	35	28	14	7	2	0
08:00	252	51.7	43.2	8.2	0	3	2	25	61	64	50	32	9	5	1	0
09:00	231	51.9	42.8	8.8	0	1	8	29	53	59	39	24	11	9	0	0
10:00	194	52.6	43.5	8.8	0	2	4	20	42	48	39	21	12	5	1	0
11:00	110	49.2	41.3	7.6	0	1	8	41	11	49	56	14	6	1	0	0
12:00	228	51.3	42.5	8.5	0	0	7	34	56	43	51	22	11	3	0	1
13:00	209	49.5	40.4	8.6	0	0	16	39	49	24	22	9	0	0	0	0
14:00	217	52.1	42.9	8.9	0	0	1	13	25	39	46	48	34	7	3	1
15:00	248	52.1	42.9	8.9	0	5	6	30	50	54	50	36	14	3	0	0
16:00	279	53.4	44.8	8.3	0	0	6	22	52	61	70	44	16	7	0	0
17:00	272	53.8	44.9	8.7	0	0	5	28	53	56	55	41	25	8	1	0
18:00	181	55.6	46.1	9.2	0	0	5	17	20	43	35	39	9	12	1	0
19:00	121	57.5	47.4	9.8	0	0	0	13	18	21	22	18	22	5	1	1
20:00	72	56.8	47.3	9.1	0	0	3	4	8	9	21	11	13	3	0	0
21:00	45	55.1	45.3	9.7	0	0	2	8	11	11	10	14	5	4	0	0
22:00	30	57.3	46.8	10.2	0	0	1	3	11	8	9	9	4	4	1	0
23:00	19	64.2	53.1	10.7	0	0	0	0	4	4	2	8	4	5	2	0
Total	413	50.9	42.3	8.3	0	3	12	61	85	97	95	35	18	6	1	0
2PM-12:30	686	52.1	42.9	8.8	0	5	17	89	100	98	70	21	6	1	0	0
12PM-1:30	2671	52.5	43.5	8.7	0	13	81	316	537	600	552	357	144	63	7	0
24PM-4:00	3081	51.4	44.0	8.0	0	13	87	344	598	667	611	427	200	85	13	0
Avg Peak Hour	08:00	04:00	04:00	04:00	08:00	08:00	11:00	08:00	06:00	06:00	06:00	07:00	07:00	07:00	07:00	00:30
Peak Hour	15:00	23:00	21:00	21:00	12:00	15:00	13:00	12:00	16:00	16:00	16:00	17:00	18:00	23:00	23:00	12:00
	279	64.2	53.1	10.7	0	5	15	39	55	61	70	44	25	12	2	0



North Wales ATC 14, A548

Direction: Southbound

07/05/2022																								
Hour Beginning	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-40	Bin 5 40-50	Bin 6 50-60	Bin 7 60-70	Bin 8 70-80	Bin 9 80-90	Bin 10 90-100	Bin 11 100-110	Bin 12 >110								
00:00	2	43.7	45.0	5.5	0	0	0	0	0	0	0	0	0	0	0	0								
01:00	4	54.0	45.0	8.7	0	0	0	1	0	0	2	1	0	0	0	0								
02:00	1	-	52.5	-	0	0	0	0	0	0	0	1	0	0	0	0								
03:00	2	54.8	47.5	7.1	0	0	0	0	0	0	1	0	1	0	0	0								
04:00	1	-	53.5	-	0	0	0	0	0	0	0	0	0	1	0	0								
05:00	1	-	42.5	-	0	0	0	0	0	0	0	0	0	0	0	0								
06:00	10	58.0	48.8	8.9	0	0	0	1	0	2	3	2	1	1	0	0								
07:00	18	56.7	46.4	8.9	0	0	0	2	7	5	3	1	4	0	0	0								
08:00	47	60.3	50.1	9.8	0	0	0	2	6	7	9	9	7	6	1	0								
09:00	65	56.2	46.3	10.6	0	0	0	3	0	5	9	16	19	8	2	0								
10:00	86	52.7	43.8	8.6	0	1	6	1	19	17	20	17	5	0	0	0								
11:00	127	52.9	43.4	9.1	1	1	2	14	24	36	22	14	9	4	0	0								
12:00	154	53.3	45.1	7.8	0	0	1	12	28	37	40	20	7	5	1	0								
13:00	128	54.4	45.0	9.0	0	1	4	4	31	25	30	15	12	6	0	0								
14:00	121	52.9	42.4	10.2	0	0	11	13	30	30	23	20	11	5	0	0								
15:00	121	54.1	44.1	9.7	0	0	8	10	23	24	30	10	10	5	1	0								
16:00	124	53.8	44.2	9.2	0	0	1	12	20	20	23	11	8	4	0	0								
17:00	116	53.5	44.9	8.3	0	1	1	10	16	36	19	21	9	3	0	0								
18:00	93	57.1	47.6	9.1	0	0	2	4	12	22	16	15	15	7	0	0								
19:00	79	57.2	47.9	9.0	0	0	0	6	4	21	22	12	8	5	0	1								
20:00	49	55.5	46.1	9.0	0	0	1	4	6	11	13	7	5	1	1	0								
21:00	42	52.1	43.2	8.6	0	0	1	6	11	6	8	7	2	1	0	0								
22:00	27	55.8	46.6	8.9	0	0	0	3	3	6	6	5	2	2	0	0								
23:00	13	62.3	47.7	14.0	0	1	1	0	0	2	2	2	4	1	0	0								
Total	213	52.8	43.6	8.9	1	2	8	55	43	53	42	31	34	4	0	0								
2H(14-16)	242	53.5	43.3	9.9	0	0	19	23	53	47	50	21	15	13	1	0								
12H(7-19)	1210	54.3	46.7	9.3	1	7	48	88	225	208	262	167	98	53	5	0								
24H(0-24)	1441	54.5	45.0	9.3	1	8	46	110	200	319	318	205	113	64	6	1								
AM Peak	11:00	08:00	04:00	09:00	11:00	09:00	10:00	11:00	11:00	11:00	11:00	10:00	11:00	08:00	09:00	00:00								
	127	60.3	57.5	10.6	1	3	6	14	24	36	22	17	9	6	2	0								
PM Peak	12:00	23:00	19:00	23:00	12:00	13:00	14:00	14:00	13:00	12:00	12:00	12:00	18:00	14:00	12:00	19:00								
	154	62.3	47.9	14.0	0	1	31	33	31	37	40	23	15	8	1	0								

360 TSL Ltd

Direction: Northbound

Hour	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-40	Bin 5 40-50	Bin 6 50-60	Bin 7 60-70	Bin 8 70-80	Bin 9 80-90	Bin 10 90-100	Bin 11 100-110	Bin 12 >110
00:00	2	37.5	37.5	0.0	0	0	0	0	2	0	0	0	0	0	0	0
01:00	4	52.5	40.6	11.4	0	0	1	0	0	0	2	0	1	0	0	0
02:00	2	67.9	58.8	8.8	0	0	0	0	0	0	0	1	0	1	0	0
03:00	1	-	75.0	-	0	0	0	0	0	0	0	0	0	0	0	1
04:00	2	61.0	50.0	10.6	0	0	0	0	0	1	0	0	1	0	0	0
05:00	6	62.3	56.3	5.9	0	0	0	0	1	3	2	2	4	1	3	1
06:00	17	63.1	50.7	11.9	0	0	0	1	3	2	2	4	1	3	1	0
07:00	31	55.8	46.9	8.5	0	0	0	4	3	4	8	7	4	1	0	0
08:00	46	55.8	45.8	8.7	0	0	3	8	9	4	16	14	7	3	0	0
09:00	105	58.8	46.1	10.3	0	0	1	11	20	18	24	15	10	3	1	2
10:00	119	52.9	43.8	8.8	0	0	5	15	23	21	25	17	11	2	0	0
11:00	135	53.5	43.1	10.0	0	1	7	17	29	25	27	17	6	5	0	1
12:00	118	54.4	44.7	9.4	0	0	4	13	22	22	25	15	11	1	0	1
13:00	107	55.9	46.1	9.4	0	0	2	10	19	18	20	11	11	5	1	0
14:00	129	54.2	45.0	8.9	0	0	4	10	25	24	32	21	9	2	2	0
15:00	97	58.2	46.5	11.2	0	0	9	16	23	20	14	4	6	2	2	0
16:00	129	56.5	46.3	9.8	0	0	4	8	26	17	29	27	10	6	1	1
17:00	110	58.5	46.0	11.3	0	0	5	6	7	21	26	24	11	7	0	0
18:00	88	61.1	49.4	11.1	0	0	0	6	15	13	13	16	14	7	2	2
19:00	60	63.5	49.8	11.3	0	0	1	4	10	3	14	11	5	10	2	0
20:00	42	58.0	45.1	12.5	0	0	5	6	4	5	5	6	3	1	0	0
21:00	33	61.2	48.6	12.2	0	0	1	5	4	2	5	5	6	4	1	0
22:00	19	57.9	46.7	8.9	0	0	0	2	3	1	3	1	3	4	1	1
23:00	12	65.8	52.3	13.0	0	0	1	0	1	1	1	2	4	1	1	0
Total	254	53.2	43.4	9.4	0	1	12	32	52	46	52	36	17	7	0	1
2H(14-16)	236	55.9	45.6	10.0	0	1	4	19	41	47	52	35	13	8	4	0
2H(17-19)	264	56.1	45.8	9.9	0	2	35	113	214	212	208	141	112	12	12	2
Average	1444	56.8	46.2	10.3	0	2	44	133	242	213	260	241	142	72	20	0
00:00	110	62.00	01:00 60.00	00:00	1100	11:00 11:00	12:00 12:00	13:00 13:00	14:00 14:00	15:00 15:00	16:00 16:00	17:00 17:00	18:00 18:00	19:00 19:00	20:00 20:00	21:00 21:00
PM Peak	1440	23:00 23:00	24:00 24:00	12:00 12:00	15:00 15:00	17:00 17:00	18:00 18:00	19:00 19:00	20:00 20:00	21:00 21:00	22:00 22:00	23:00 23:00	24:00 24:00	15:00 15:00	16:00 16:00	17:00 17:00
PM Peak	1440	23:00 23:00	24:00 24:00	12:00 12:00	15:00 15:00	17:00 17:00	18:00 18:00	19:00 19:00	20:00 20:00	21:00 21:00	22:00 22:00	23:00 23:00	24:00 24:00	15:00 15:00	16:00 16:00	17:00 17:00



North Wales ATC 14, A548

Direction: Southbound

08/05/2022																	
Hour	Total	ESD	Mean	Standard Deviation	Bin 1	Bin 2	Bin 3	Bin 4	Bin 5	Bin 6	Bin 7	Bin 8	Bin 9	Bin 10	Bin 11	Bin 12	
Beginning	Volume	Percentage	Average		<10mph	10-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60-70	70-80	-80
00:00	14	64.4	55.7	8.7	0	0	0	0	0	0	1	4	0	0	0	0	
01:00	7	58.2	46.4	11.4	0	0	0	0	1	2	2	1	0	1	0	0	
02:00	3	64.3	55.0	9.0	0	0	0	0	0	0	0	1	1	0	0	0	
03:00	1	-	65.0	-	0	0	0	0	0	0	0	0	0	0	0	0	
04:00	1	-	65.0	-	0	0	0	0	0	0	0	0	0	0	0	1	0
05:00	1	-	57.5	-	0	0	0	0	0	0	0	0	0	0	0	0	0
06:00	3	56.5	47.5	8.7	0	0	0	0	0	1	1	0	0	2	0	0	0
07:00	18	61.4	50.0	10.0	0	1	0	0	0	1	1	5	3	1	4	1	0
08:00	37	58.2	43.8	13.9	0	1	0	0	0	1	1	5	3	4	4	3	0
09:00	50	56.6	46.3	11.9	2	0	2	2	9	12	8	6	6	6	3	0	0
10:00	87	55.0	46.4	8.4	0	0	2	7	3	22	18	22	4	4	0	0	0
11:00	125	53.9	42.4	11.1	1	5	3	13	35	14	25	18	7	2	2	0	0
12:00	135	54.5	41.6	12.4	0	12	4	9	31	32	21	12	6	5	3	0	0
13:00	125	55.5	45.0	10.2	0	0	8	10	20	25	24	20	12	5	0	1	0
14:00	130	51.9	42.6	8.9	0	1	1	20	28	44	15	9	7	3	2	0	0
15:00	116	52.9	44.7	7.9	0	0	0	10	24	28	28	20	3	2	0	1	0
16:00	135	54.2	44.3	8.5	0	2	5	4	24	39	20	16	9	3	2	0	0
17:00	74	55.0	46.8	8.0	0	0	1	4	11	13	19	13	12	1	0	0	0
18:00	73	56.8	48.4	8.1	0	0	0	2	8	14	25	11	5	8	0	0	0
19:00	41	60.1	48.4	10.3	0	0	0	0	8	9	4	7	4	0	1	0	0
20:00	39	60.1	50.7	9.0	0	0	0	1	2	10	6	6	10	3	1	0	0
21:00	11	54.8	46.9	7.6	0	0	1	0	1	7	3	7	2	0	0	0	0
22:00	12	58.8	48.8	9.7	0	0	0	1	1	2	3	3	0	2	0	0	0
23:00	5	59.2	47.0	11.8	0	0	0	1	0	1	2	0	0	1	0	0	0
Total																	
2H(14-16)	246	54.6	44.0	10.2	1	5	5	20	42	36	43	40	32	6	2	0	0
12H(7-19)	1085	54.4	44.4	10.2	4	24	27	82	208	246	233	186	82	42	7	2	0
24H(0-24)	1233	55.7	45.0	10.3	4	24	28	86	215	277	241	182	103	62	8	3	0
AM Peak	11:00	03:00	03:00	08:00	09:00	11:00	11:00	11:00	10:00	11:00	10:00	11:00	00:00	11:00	00:00		
PM Peak	12:00	19:00	20:00	12:00	12:00	12:00	13:00	14:00	12:00	14:00	15:00	13:00	13:00	18:00	12:00	13:00	
	135	68.1	65.0	13.9	2	5	3	13	35	22	25	22	7	6	2	0	0

360 TSL Ltd

Direction: Northbound

08/05/2022																	
Hour	Total	ESD	Mean	Standard	Bin 1	Bin 2	Bin 3	Bin 4	Bin 5	Bin 6	Bin 7	Bin 8	Bin 9	Bin 10	Bin 11	Bin 12	
Beginning	Volume	Percentage	Average	Deviation	10-20m	20-30	30-35	35-40	40-45	45-50	50-55	55-60	60-70	70-80	80-90	90-100	
00:00	3	63.1	46.7	15.9	0	0	0	0	2	0	0	0	0	1	0	0	
01:00	1	64.1	48.2	14.4	0	0	0	0	1	0	0	0	0	2	0	0	
02:00	5	79.3	55.5	23.0	0	0	0	0	1	0	2	0	0	0	0	1	
03:00	1	-	65.0	-	0	0	0	0	0	0	0	0	0	0	1	0	
04:00	2	58.7	55.0	3.5	0	0	0	0	0	0	0	1	1	0	0	0	
05:00	3	65.8	56.7	8.8	0	0	0	0	0	0	1	0	1	0	1	1	
06:00	4	54.8	47.5	7.1	0	0	0	0	1	0	1	2	0	0	0	0	
07:00	20	58.3	44.4	13.5	0	1	0	4	3	3	3	2	2	1	1	0	
08:00	47	58.2	45.4	12.4	0	4	7	7	7	4	8	6	4	1	0	0	
09:00	87	53.5	43.0	10.1	0	0	9	10	14	16	17	8	11	2	0	0	
10:00	108	54.0	44.0	9.6	0	5	13	21	21	23	9	12	3	1	0	0	
11:00	133	55.4	44.3	10.7	0	0	7	18	26	24	23	13	11	9	2	0	
12:00	147	53.3	44.5	8.5	0	0	7	10	23	35	38	23	9	3	1	0	
13:00	103	55.7	45.6	9.8	0	5	11	14	12	30	18	5	8	0	0	0	
14:00	120	56.8	46.0	10.5	0	0	1	16	10	36	25	20	3	5	1	3	
15:00	109	55.2	45.6	9.0	0	0	11	18	27	22	17	12	7	5	2	0	
16:00	121	58.8	48.5	9.9	0	0	7	17	17	31	22	13	9	4	0	0	
17:00	96	57.8	47.3	10.1	0	0	4	9	4	16	25	18	9	6	2	0	
18:00	79	57.4	47.0	10.0	0	0	3	7	13	17	18	10	10	5	0	0	
19:00	51	57.4	47.4	9.7	0	0	0	5	9	7	10	10	4	6	0	0	
20:00	43	60.7	48.0	12.2	0	0	0	3	10	9	5	7	4	0	5	0	
21:00	23	62.5	48.7	13.3	0	0	1	4	1	2	4	6	1	2	2	0	
22:00	15	59.8	46.7	9.8	0	0	0	0	1	2	0	6	3	0	3	0	
23:00	3	65.1	46.7	18.8	0	0	1	0	0	0	0	0	2	0	0	0	
Total	241	54.8	44.2	10.2	0	0	12	31	47	45	46	22	23	12	3	0	
2H(14-16)	229	56.0	45.9	9.8	0	0	1	27	28	63	47	37	10	10	3	3	
12H(7-19)	1170	56.0	45.5	10.1	0	1	46	118	172	230	259	189	96	60	15	4	
24H(0-24)	1326	56.6	45.9	10.3	0	1	48	133	197	250	286	198	111	74	23	5	
AM Peak	11:00	02:00	03:00	02:00	00:00	07:00	09:00	11:00	11:00	11:00	10:00	11:00	10:00	11:00	11:00	02:00	
PM Peak	131	79.3	61.8	23.0	0	1	9	18	26	24	23	13	12	9	2	1	
AM Peak	12:00	21:00	22:00	23:00	12:00	13:00	12:00	14:00	12:00	14:00	13:00	12:00	16:00	20:00	14:00		
	147	66.1	49.7	18.8	0	0	7	16	23	35	28	23	12	9	5	3	

360 TSL Ltd

Direction: Total Flow

08/05/2022																	
Hour	Total	ESD	Mean	Standard	Bin 1	Bin 2	Bin 3	Bin 4	Bin 5	Bin 6	Bin 7	Bin 8	Bin 9	Bin 10	Bin 11	Bin 12	
Beginning	Volume	Percentage	Average	Deviation	10-20m	20-30	30-35	35-40	40-45	45-50	50-55	55-60	60-70	70-80	80-90	90-100	
00:00	17	64.8	54.1	10.3	0	0	0	0	2	1	4	3	0	7	0	0	
01:00	10	59.2	47.3	11.6	0	0	0	2	1	2	1	0	3	1	0	0	
02:00	8	74.0	55.3	18.0	0	0	0	1	0	1	1	0	1	0	1	0	
03:00	2	65.0	65.0	0.0	0	0	0	0	0	0	0	0	0	2	0	0	
04:00	3	64.0	58.3	7.2	0	0	0	0	0	0	0	0	1	1	1	0	
05:00	7	54.8	47.5	7.1	0	0	0	0	2	0	1	4	0	0	0	0	
06:00	138	62.0	42.5	12.5	0	0	4	4	4	8	8	8	2	2	2	0	
07:00	84	58.2	44.7	13.0	1	3	5	8	10	17	8	14	10	7	7	1	0
08:00	431	65.5	48.0	12.1	0	11	12	12	20	28	43	41	31	17	17	0	
09:00	155	54.5	45.1	9.1	0	0	7	20	28	43	41	31	17	7	1	0	
10:00	155	54.5	45.1	9.1	0	0	7	20	28	43	41	31	17	7	1	0	
11:00	155	54.5	45.1	9.1	0	0	7	20	28	43	41	31	17	7	1	0	
12:00	282	54.1	43.1	10.6	0	12	11	19	54	67	59	35	13	8	4	0	
13:00	228	55.6	45.3	10.0	0	0	13	21	34	37	54	38	17	13	0	0	
14:00	250	56.4	46.1	9.8	1	2	36	38	80	40	29	8	0	0	0	0	
15:00	235	54.0	45.2	8.5	0	0	0	0	21	42	45	50	37	10	7	2	
16:00	255	58.6	46.5	9.9	0	0	0	0	11	21	42	45	50	37	10	7	
17:00	170	56.6	47.1	9.2	0	0	5	13	17	29	44	32	21	7	2	0	
18:00	170	56.6	47.1	9.2	0	0	5	13	17	29	44	32	21	7	2	0	
19:00	170	56.6	47.1	9.2	0	0	5	13	17	29	44	32	21	7	2	0	
20:00	92	58.6	48.3	10.0	0	0	0	5	17	15	19	14	11	10	0	0	
21:00	82	60.5	48.3	10.0	0	0	0	4	12	19	11	13	14	3	6	0	
22:00	44	59.1	49.3	10.8	0	0	2	4	2	3	7	3	6	2	0	0	
23:00	27	59.2	49.3	9.6	0	0	0	2	3	7	3	6	2	0	0	0	
24:00	8	60.8	49.3	11.4	0	0	0	0	0	1	2	0	2	1	0	0	
Total																	
2025/12/31	453	54.7	44.1	10.2	1	5	17	51	89	81	89	62	35	18	5	0	
2026/01/01	49	58.3	44.7	9.1	0	1	2	37	80	135	90	68	26	15	4	0	
2026/02/28	255	55.5	45.5	10.5	25	75	200	73	476	478	525	178	102	30	0	0	
2026/03/31	2059	56.2	45.5	10.3	4	25	76	229	412	527	527	380	234	136	31	8	
08/05/2023																	
00:00	110	62.0	50.0	10.0	0	0	0	0	0	0	0	0	0	0	0	0	
01:00	110	62.0	50.0	10.0	0	0	0	0	0	0	0	0	0	0	0	0	
02:00	110	62.0	50.0	10.0	0	0	0	0	0	0	0	0	0	0	0	0	
03:00	110	62.0	50.0	10.0	0	0	0	0	0	0	0	0	0	0	0	0	
04:00	110	62.0	50.0	10.0	0	0	0	0	0	0	0	0	0	0	0	0	
05:00	110	62.0	50.0	10.0	0	0	0	0	0	0	0	0	0	0	0	0	
06:00	110	62.0	50.0	10.0	0	0	0	0	0	0	0	0	0	0	0	0	
07:00	110	62.0	50.0	10.0	0	0	0	0	0	0	0	0	0	0	0	0	
08:00	110	62.0	50.0	10.0	0	0	0	0	0	0	0	0	0	0	0	0	
09:00	110	62.0	50.0	10.0	0	0	0	0	0	0	0	0	0	0	0	0	
10:00	110	62.0	50.0	10.0	0	0	0	0	0	0	0	0	0	0	0	0	
11:00	110	62.0	50.0	10.0	0	0	0	0	0	0	0	0	0	0	0	0	
12:00	110	62.0	50.0	10.0	0	0	0	0	0	0	0	0	0	0	0	0	
13:00	110	62.0	50.0	10.0	0	0	0	0	0	0	0	0	0	0	0	0	
14:00	110	62.0	50.0	10.0	0	0	0	0	0	0	0	0	0	0	0	0	
15:00	110	62.0	50.0	10.0	0	0	0	0	0	0	0	0	0	0	0	0	
16:00	110	62.0	50.0	10.0	0	0	0	0	0	0	0	0	0	0	0	0	
17:00	110	62.0	50.0	10.0	0	0	0	0	0	0	0	0	0	0	0	0	
18:00	110	62.0	50.0	10.0	0	0	0	0	0	0	0	0	0	0	0	0	
19:00	110	62.0	50.0	10.0	0	0	0	0	0	0	0	0	0	0	0	0	
20:00	110	62.0	50.0	10.0	0	0	0	0	0	0	0	0	0	0	0	0	
21:00	110	62.0	50.0	10.0	0	0	0	0	0	0	0	0	0	0	0	0	
22:00	110	62.0	50.0	10.0	0	0	0	0	0	0	0	0	0	0	0	0	
23:00	110	62.0	50.0	10.0	0	0	0	0	0	0	0	0	0	0	0	0	
24:00	110	62.0	50.0	10.0	0	0	0	0	0	0	0	0	0	0	0	0	



North Wales ATC 14, A548

Direction: Southbound

09/05/2022																
Hour Beginning	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-40	Bin 5 40-45	Bin 6 45-50	Bin 7 50-55	Bin 8 55-60	Bin 9 60-70	Bin 10 70-80	Bin 11 70-80	Bin 12 >80
00:00	2	69.1	56.3	12.4	0	0	0	0	0	1	0	0	0	0	0	0
01:00	2	66.7	61.3	5.3	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
03:00	1	-	52.5	-	0	0	0	0	0	0	0	0	0	0	0	0
04:00	2	70.2	53.8	15.9	0	0	0	0	0	1	0	0	0	0	0	0
05:00	2	48.7	45.0	3.5	0	0	0	0	0	1	1	0	0	0	0	0
06:00	19	61.0	51.6	8.1	0	0	1	0	0	2	4	5	5	2	0	0
07:00	42	55.4	48.4	6.8	0	0	1	2	17	23	7	9	3	0	0	0
08:00	114	50.7	42.7	7.8	0	0	2	11	31	36	18	9	4	2	1	0
09:00	97	53.2	44.0	8.8	0	0	2	9	27	20	14	15	5	1	0	0
10:00	75	51.5	44.8	6.5	0	0	0	2	9	41	7	10	4	2	0	0
11:00	94	50.5	41.8	8.3	0	0	5	10	29	21	11	12	1	3	0	0
12:00	96	50.5	41.1	8.0	0	1	5	19	23	16	14	12	5	1	0	0
13:00	89	50.0	41.8	7.9	0	0	1	18	23	17	19	5	4	2	0	0
14:00	104	48.7	40.7	7.7	0	0	6	16	26	30	16	5	4	1	0	0
15:00	133	48.0	40.8	7.9	0	0	11	17	28	45	14	14	3	1	0	0
16:00	124	51.7	46.0	7.5	0	0	1	12	27	35	19	20	9	1	0	0
17:00	168	50.2	42.4	7.5	0	0	8	11	43	54	27	16	7	2	0	0
18:00	97	54.0	45.6	8.2	0	0	3	5	12	31	16	17	11	2	0	0
19:00	58	58.7	48.6	8.7	0	0	0	0	6	14	8	11	4	1	0	0
20:00	43	56.4	48.7	7.4	0	0	0	0	6	9	9	10	7	2	0	0
21:00	15	51.5	44.4	8.7	0	0	0	0	6	4	4	11	1	1	0	0
22:00	19	58.7	47.8	10.6	0	0	0	1	3	6	2	3	2	1	1	0
23:00	8	49.9	44.4	5.3	0	0	0	0	1	5	0	2	0	0	0	0
Total																
2H(10-12)	169	51.1	43.2	7.7	0	0	5	12	38	62	20	22	5	5	0	0
2H(14-16)	237	48.9	40.8	7.8	0	0	17	33	54	75	30	19	7	2	0	0
12H(7-19)	1253	51.3	41.9	8.1	0	1	44	131	280	363	200	142	66	25	1	0
24H(0-24)	1444	51.3	41.6	8.4	0	1	45	138	306	405	229	185	94	38	3	0
AM Peak	08:00	144.0	51.00	54.00	00:00	00:00	11:00	08:00	08:00	10:00	07:00	09:00	07:00	09:00	08:00	00:00
	114	70.2	61.3	15.9	0	0	5	11	31	41	23	15	9	5	1	0
PM Peak	17:00	22.00	19:00	22:00	12:00	12:00	15:00	12:00	17:00	17:00	17:00	16:00	19:00	19:00	19:00	12:00
	168	58.7	48.6	10.6	0	1	11	13	43	54	27	20	12	4	1	0

360 TSL Ltd

Direction: Northbound

09/05/2022																
Hour Beginning	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-35	Bin 5 35-40	Bin 6 40-45	Bin 7 45-50	Bin 8 50-55	Bin 9 55-60	Bin 10 60-70	Bin 11 70-80	Bin 12 >80
00:00	3	64.9	53.8	10.1	0	0	0	0	1	0	0	0	0	0	0	0
01:00	2	44.0	53.8	10.1	0	0	0	0	0	0	0	0	0	0	0	0
02:00	1	-	57.5	-	0	0	0	0	0	0	0	0	0	0	0	0
03:00	3	69.4	58.2	18.1	0	0	0	0	0	1	0	0	0	0	0	0
04:00	4	58.5	47.5	11.5	0	0	0	0	0	2	0	0	0	0	0	0
05:00	12	65.0	55.4	9.3	0	0	0	0	0	1	1	1	2	3	4	0
06:00	35	62.9	50.1	12.4	0	0	2	4	3	3	3	5	9	7	0	0
07:00	96	57.0	48.5	8.2	0	0	0	4	12	17	22	21	13	7	0	0
08:00	160	52.1	44.0	7.8	0	3	11	40	34	41	21	6	1	0	1	0
09:00	117	50.0	40.9	8.8	0	1	9	19	25	25	21	11	5	1	0	0
10:00	104	52.2	42.2	9.6	0	0	8	17	20	19	20	10	6	4	0	0
11:00	128	52.1	41.9	9.9	0	0	9	23	27	29	15	12	7	5	1	0
12:00	103	51.5	42.4	8.7	0	0	5	16	21	25	14	14	6	2	0	0
13:00	103	48.7	40.9	8.5	0	0	9	18	19	21	25	6	4	1	0	0
14:00	99	51.7	43.1	8.3	0	0	3	15	17	23	26	7	5	3	0	0
15:00	124	53.5	44.1	9.0	0	0	3	18	21	18	13	20	5	2	0	0
16:00	125	51.2	42.9	7.9	0	0	3	18	22	37	22	16	4	3	0	0
17:00	109	53.2	45.1	9.7	0	0	2	13	15	32	18	15	8	4	1	0
18:00	58	61.0	47.0	11.5	0	0	3	8	10	7	7	5	5	3	1	1
19:00	49	59.1	47.6	11.1	0	0	3	4	9	4	20	5	5	3	2	0
20:00	33	61.6	48.2	11.9	0	0	0	0	0	1	3	3	5	2	0	0
21:00	14	61.3	50.2	10.7	0	0	0	1	2	1	4	1	2	3	0	0
22:00	15	56.9	46.5	9.4	0	0	1	1	1	1	3	6	2	1	1	0
23:00	3	42.2	39.2	2.9	0	0	0	0	0	2	1	0	0	0	0	0
Total																
2H(10-12)	232	52.1	42.0	9.7	0	0	17	40	47	48	35	22	13	9	1	0
2H(14-16)	233	52.7	43.7	8.7	0	0	6	33	40	41	59	27	10	5	2	0
12H(7-19)	1326	53.0	43.4	9.2	0	1	57	180	211	287	266	160	74	40	8	2
24H(0-24)	1600	54.1	44.1	9.7	0	1	63	192	275	304	308	178	100	66	13	2
AM Peak	08:00	01:00	03:00	01:00	00:00	09:00	09:00	11:00	08:00	08:00	08:00	07:00	07:00	06:00	01:00	00:00
	160	84.9	59.2	18.1	0	1	9	29	49	34	41	21	31	7	1	0
PM Peak	17:00	20:00	21:00	18:00	12:00	13:00	13:00	13:00	15:00	16:00	15:00	17:00	18:00	18:00	17:00	12:00
	125	61.6	50.2	11.5	0	0	9	18	23	37	23	20	8	5	3	1

360 TSL Ltd

Direction: Total Flow

Hour	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-40	Bin 5 40-45	Bin 6 45-50	Bin 7 50-55	Bin 8 55-60	Bin 9 60-70	Bin 10 70-80	Bin 11 70-80	Bin 12 >80
00:00	4	76.3	57.5	18.1	0	0	0	1	0	0	0	0	1	1	1	0
01:00	1	57.5	57.5	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	4	66.7	57.5	8.9	0	0	0	0	0	0	1	1	0	2	0	0
03:00	6	61.9	48.6	11.9	0	0	0	0	0	2	2	1	0	2	1	0
04:00	14	63.7	53.9	9.4	0	0	0	0	1	2	2	2	3	4	0	0
05:00	14	62.3	50.6	11.2	0	0	3	4	3	4	7	10	14	9	0	0
06:00	158	56.4	48.4	7.7	0	0	5	14	34	45	28	22	10	0	0	0
07:00	274	51.5	43.4	7.8	0	0	5	22	71	70	59	30	10	5	2	0
08:00	214	51.6	42.3	8.9	0	1	11	78	127	45	35	26	10	6	0	0
09:00	179	52.1	43.3	8.5	0	0	8	19	29	60	27	20	10	6	0	0
10:00	122	52.4	41.9	9.2	0	0	14	31	50	50	28	14	8	0	0	0
11:00	199	51.0	41.8	8.9	0	1	10	35	44	41	28	26	11	3	0	0
12:00	192	49.9	42.9	8.2	0	0	10	36	42	38	44	11	8	4	0	0
13:00	203	50.2	41.9	8.1	0	0	9	31	45	53	42	12	9	4	0	0
14:00	227	51.4	42.4	8.6	0	0	14	35	51	63	47	34	8	3	2	0
15:00	149	51.5	43.4	7.7	0	0	4	30	49	42	41	46	13	4	0	0
16:00	277	52.3	43.5	8.5	0	0	10	24	58	86	45	31	15	6	1	1
17:00	155	56.9	46.1	10.5	0	0	6	13	21	38	25	24	16	7	3	1
18:00	107	58.9	48.7	9.9	0	0	3	4	11	18	28	16	17	7	3	0
19:00	76	58.9	48.9	9.6	0	0	0	1	15	14	13	10	7	2	0	0
20:00	49	58.9	49.1	9.6	0	0	0	7	10	15	8	12	4	3	2	0
21:00	34	57.5	47.2	10.0	0	1	2	3	3	5	5	3	2	1	0	0
22:00	11	48.6	43.0	9.2	0	0	0	0	3	6	4	2	0	0	0	0
Total																
276314.0	461	51.8	42.5	8.9	0	0	22	52	85	110	55	44	18	14	1	0
276314.0	400	50.9	42.2	8.7	0	0	23	66	94	116	89	46	17	7	2	0
276314.0	329	52.7	43.2	8.7	2	1	30	81	113	130	66	36	14	5	1	0
276314.0	2444	53.5	43.9	9.1	0	2	308	330	579	709	537	363	164	104	16	2
Average																
00:00	61.00	61.00	61.00	00.00	00.00	00.00	11.00	11.00	00.00	00.00	00.00	07.00	07.00	00.00	00.00	00.00
01:00	18.2	18.2	18.2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
02:00	17.00	50.00	48.00	10.00	12.00	12.00	15.00	13.00	17.00	17.00	15.00	16.00	19.00	18.00	18.00	17.00
03:00	17.00	38.00	36.00	10.00	14.00	14.00	16.00	18.00	18.00	18.00	17.00	17.00	17.00	17.00	17.00	17.00



North Wales ATC 14, A548

Direction: Southbound

10/05/2022																			
Hour Beginning	Total Volume	ECM Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-40	Bin 5 40-45	Bin 6 45-50	Bin 7 50-55	Bin 8 55-60	Bin 9 60-70	Bin 10 70-80	Bin 11 80-90	Bin 12 >90			
00:00	5	46.3	41.5	6.5	0	0	0	1	0	0	0	0	0	0	0	0			
01:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0			
02:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0			
03:00	2	61.0	50.0	10.6	0	0	0	0	0	1	0	0	1	0	0	0			
04:00	2	48.7	45.0	3.5	0	0	0	0	0	1	1	0	0	0	0	0			
05:00	3	47.2	44.2	2.9	0	0	0	0	0	1	1	0	0	0	0	0			
06:00	22	61.4	50.9	10.1	0	0	1	0	0	4	6	5	3	2	1	0			
07:00	42	58.1	49.2	8.6	0	0	1	1	1	5	13	15	13	1	1	0			
08:00	112	52.8	45.4	7.2	0	1	0	0	21	40	26	12	9	3	0	0			
09:00	100	53.5	44.4	8.6	0	0	1	10	23	24	23	9	3	1	0	0			
10:00	98	51.7	44.6	6.8	0	0	0	7	16	33	18	21	1	2	0	0			
11:00	91	50.6	42.8	7.5	0	1	2	5	24	28	16	9	6	0	0	0			
12:00	95	54.1	45.7	8.2	1	0	0	4	16	24	23	16	9	2	0	0			
13:00	94	49.2	42.0	7.0	0	0	1	12	28	25	16	8	3	1	0	0			
14:00	97	52.9	42.6	10.0	0	0	9	7	18	22	22	8	7	3	0	0			
15:00	112	51.2	44.0	7.0	0	0	0	7	29	34	18	17	5	2	0	0			
16:00	141	53.1	44.8	8.0	0	0	7	5	39	44	37	21	9	3	0	0			
17:00	168	53.9	45.6	8.0	0	0	2	7	30	49	38	21	14	6	1	0			
18:00	98	54.5	45.2	8.9	0	1	3	3	23	15	25	17	7	4	0	0			
19:00	59	56.6	48.1	8.2	0	1	0	2	4	9	21	11	9	2	0	0			
20:00	47	55.1	47.8	7.0	0	0	1	0	2	13	17	5	8	1	0	0			
21:00	29	57.3	49.6	7.5	0	0	0	0	4	3	8	8	4	2	0	0			
22:00	22	65.5	56.6	8.6	0	0	0	0	1	2	0	5	8	5	1	0			
23:00	8	64.3	53.4	10.5	0	0	0	0	0	2	1	2	2	0	1	0			
Total 2H(0-12)	189	51.2	43.8	7.2	0	1	2	12	40	61	34	30	7	2	0	0			
2H(14-16)	209	52.2	43.3	8.5	1	0	9	14	47	56	40	25	12	5	0	0			
12H(7-19)	1248	53.1	44.6	8.1	2	3	26	68	252	346	277	170	85	33	4	0			
24H(0-24)	1462	53.9	45.3	8.4	2	4	28	71	264	386	334	206	120	45	7	0			
AM Peak	08:00	06:00	06:00	09:00	00:00	08:00	11:00	09:00	11:00	08:00	08:00	10:00	07:00	09:00	06:00	00:00			
	112	61.4	50.9	10.6	0	1	2	10	24	40	26	21	12	6	1	0			
PM Peak	17:00	22:00	22:00	23:00	12:00	18:00	14:00	13:00	17:00	17:00	17:00	16:00	17:00	16:00	12:00				
	168	65.5	56.6	10.5	1	1	9	12	35	49	38	21	14	6	1	0			

360 TSL Ltd

Direction: Northbound

10/05/2022																			
Hour Beginning	Total Volume	ECM Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-35	Bin 5 35-40	Bin 6 40-45	Bin 7 45-50	Bin 8 50-55	Bin 9 55-60	Bin 10 60-70	Bin 11 70-80	Bin 12 >80			
00:00	4	69.0	53.1	15.3	0	0	0	0	0	2	0	1	0	0	1	0			
01:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0			
02:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0			
03:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0			
04:00	2	58.7	55.0	3.5	0	0	0	0	0	0	0	0	1	1	0	0			
05:00	11	66.7	53.9	12.4	0	0	0	1	0	1	3	2	0	0	0	0			
06:00	35	60.7	49.6	10.7	0	0	0	4	2	5	7	8	5	2	2	0			
07:00	96	57.3	49.1	7.9	0	0	0	3	12	12	23	27	12	7	0	0			
08:00	127	53.9	45.0	8.6	0	6	12	29	40	29	34	11	6	0	0	0			
09:00	108	53.2	44.0	8.8	0	0	5	13	14	23	29	17	4	2	1	0			
10:00	117	52.6	43.2	10.8	0	4	15	26	27	22	13	5	4	1	0	0			
11:00	91	50.8	41.7	8.8	0	0	4	19	18	22	11	10	5	2	0	0			
12:00	207	50.8	42.8	7.7	0	3	16	18	25	30	9	5	1	0	0	0			
13:00	93	52.5	43.5	8.7	0	0	6	10	14	20	21	25	6	1	0	0			
14:00	98	50.8	43.3	7.3	0	0	2	10	16	35	21	8	4	2	0	0			
15:00	99	54.8	44.9	9.5	0	0	13	16	17	15	17	4	4	0	1	0			
16:00	117	54.3	44.8	9.2	0	0	1	15	22	21	34	14	3	4	3	0			
17:00	111	55.7	45.9	11.2	0	0	9	21	21	26	12	14	4	2	1	0			
18:00	83	60.0	48.4	11.2	0	0	1	11	10	10	9	21	12	7	1	0			
19:00	57	55.0	44.8	9.8	0	0	4	7	5	10	15	7	7	2	0	0			
20:00	24	63.4	48.2	14.6	0	1	0	1	4	3	2	4	1	2	1	1			
21:00	21	55.3	45.6	9.4	0	0	1	3	0	5	5	5	1	1	0	0			
22:00	6	66.4	56.8	10.0	0	0	0	0	0	1	1	0	0	0	0	0			
23:00	6	74.2	62.9	10.9	0	0	0	0	0	0	1	0	2	1	2	0			
Total 2H(0-12)	208	51.8	42.6	8.9	0	0	8	34	44	49	33	25	10	6	1	0			
2H(14-16)	197	52.9	44.1	8.5	0	0	4	23	32	52	46	25	8	6	0	1			
12H(7-19)	1287	54.0	44.7	9.0	0	0	36	146	216	274	279	197	85	44	8	2			
24H(0-24)	1453	54.9	45.1	9.4	0	1	41	164	238	301	314	235	104	57	15	3			
AM Peak	08:00	00:00	04:00	02:00	00:00	00:00	08:00	11:00	08:00	08:00	08:00	08:00	07:00	07:00	06:00	00:00			
	127	49.0	51.8	12.3	0	0	6	19	29	49	29	34	12	7	2	0			
PM Peak	16:00	22:00	23:00	22:00	12:00	20:00	13:00	12:00	16:00	14:00	16:00	18:00	17:00	18:00	16:00	15:00			
	117	74.2	62.9	10.9	0	1	6	16	22	35	34	21	14	7	3	1			

360 TSL Ltd

Direction: Total Flow

10/05/2022																	
Hour Beginning	Total Volume	ECM Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-35	Bin 5 35-40	Bin 6 40-45	Bin 7 45-50	Bin 8 50-55	Bin 9 55-60	Bin 10 60-70	Bin 11 70-80	Bin 12 >80	
00:00	9	59.2	46.7	12.1	0	0	0	1	1	3	2	1	0	0	1	0	
01:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0	
02:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0	
03:00	2	61.0	50.0	10.6	0	0	0	0	0	1	0	0	1	0	0	0	
04:00	4	56.7	50.0	6.5	0	0	0	0	0	1	1	1	0	0	0	0	
05:00	14	63.9	51.8	11.7	0	0	0	1	0	3	4	2	0	3	1	0	
06:00	57	60.9	50.1	10.4	0	0	1	4	2	9	13	13	8	4	3	0	
07:00	158	57.4	51.1	8.2	0	1	4	17	25	38	48	44	11	5	0	0	
08:00	279	53.5	45.1	8.1	0	1	6	12	50	80	57	55	46	20	9	0	
09:00	360	52.8	44.8	8.8	0	0	0	23	37	107	82	60	40	15	0	0	
10:00	215	52.2	43.9	8.2	0	0	4	22	42	60	40	34	6	6	1	0	
11:00	180	52.2	43.9	8.2	0	0	0	22	42	60	40	34	6	6	1	0	
12:00	202	52.5	44.2	8.0	1	0	3	30	34	49	53	25	14	3	0	0	
13:00	187	50.9	42.7	7.9	0	0	0	27	22	42	45	37	23	9	2	0	
14:00	172	50.9	42.7	7.9	0	0	11	17	34	57	43	34	14	5	0	0	
15:00	211	53.0	44.4	8.3	0	0	2	20	20	45	43	34	9	6	0	0	
16:00	168	50.8	44.4	8.3	0	0	0	20	20	45	43	34	9	6	0	0	
17:00	279	54.7	45.7	8.6	0	0	4	16	51	51	71	63	33	28	10	3	0
18:00	360	56.7	46.7	10.5	0	0	1	14	34	38	55	44	24	11	0	0	
19:00	166	55.5	46.4	9.1	0	0	1	4	9	9	19	36	18	16	4	0	0
20:00	71	58.5	48.0	8.3	0	0	1	1	1	7	17	21	8	10	3	0	0
21:00	56	56.7	48.0	8.3	0	0	0	1	3	4	12	7	2	4	1	0	0
22:00	28	66.0	55.4	10.2	0	0	0	0	2	1	2	0	0	0	9	7	1
23:00	14	69.3	57.5	11.4	0	0	0	0	0	0	0	0	0	0	4	1	3
Total																	
20h15:00	387	51.6	43.1	8.1	0	1	10	46	84	110	67	53	17	8	1	0	1
21h00:00	406	52.3	43.7	8.5	0	0	10	13	37	48	58	50	20	11	0	0	1
22h00:00	314	294.3	43.1	8.1	0	2	8	22	24	48	62	52	16	10	7	12	1
23h00:00	260	54.4	45.2	8.9	2	5	69	235	492	687	648	431	234	102	22	3	0
Ave																	
00:00	05:00	05:00	05:00	05:00	08:00	08:00	08:00	08:00	08:00	08:00	08:00	08:00	08:00	07:00	07:00	06:00	00:00
12:00	12:00	12:00	12:00	12:00	12:00	12:00	12:00	12:00	12:00	12:00	12:00	12:00	12:00	12:00	12:00	12:00	12:00
12:00	23:00	23:00	23:00	23:00	12:00	18:00	14:00	13:00	17:00	17:00	16:00	18:00	18:00	17:00	18:00	16:00	15:00
12:00	12:00	12:00	12:00	12:00	12:00	12:00	12:00	12:00	12:00	12:00	12:00	12:00	12:00	12:00	12:00	12:00	12:00



North Wales ATC 14, A548

11/05/2022																								
Direction: Southbound																								
Hour Beginning	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-40	Bin 5 40-50	Bin 6 50-60	Bin 7 60-70	Bin 8 70-80	Bin 9 80-90	Bin 10 90-100	Bin 11 100-110	Bin 12 >110								
00:00	2	79.2	53.8	15.9	0	0	0	0	0	0	0	1	0	0	1	0	0							
01:00	1	-	42.5	-	0	0	0	0	0	1	0	0	0	0	0	0	0							
02:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0							
03:00	6	56.8	51.7	4.9	0	0	0	0	0	0	3	1	2	0	0	0	0							
04:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0							
05:00	3	37.2	34.2	2.9	0	0	0	2	1	0	0	0	0	0	0	0	0							
06:00	18	60.7	53.4	9.0	0	0	0	1	1	2	4	2	6	2	0	0	0							
07:00	60	57.0	48.7	8.0	0	0	1	3	3	1	6	18	8	5	4	0	0							
08:00	104	52.0	44.2	7.5	0	0	1	9	15	43	13	14	8	0	1	0	0							
09:00	100	51.6	41.1	8.2	0	0	1	15	24	22	18	14	0	0	0	0	0							
10:00	75	54.9	45.7	8.8	0	0	1	7	10	17	22	8	6	3	1	0	0							
11:00	90	49.8	41.7	7.8	0	0	5	12	14	34	16	5	2	2	0	0	0							
12:00	88	49.9	43.0	6.7	0	0	2	8	17	25	26	9	0	1	0	0	0							
13:00	89	52.4	43.3	8.8	0	0	8	4	16	20	27	8	3	3	0	0	0							
14:00	103	52.5	45.4	8.7	0	0	4	15	20	22	23	11	3	1	0	0	0							
15:00	107	54.4	45.8	8.2	0	0	0	9	16	29	21	21	6	4	1	0	0							
16:00	104	54.6	46.2	8.1	0	0	2	8	29	41	29	25	13	9	0	0	0							
17:00	127	57.5	47.3	9.8	0	0	8	10	11	27	40	35	16	8	1	0	0							
18:00	101	58.4	48.4	9.7	0	0	5	2	5	27	15	26	13	6	2	0	0							
19:00	64	59.3	48.7	10.1	0	0	1	5	3	12	21	9	4	7	2	0	0							
20:00	49	53.7	44.4	9.0	0	0	1	7	8	11	9	7	4	2	0	0	0							
21:00	27	54.6	46.3	8.0	0	0	0	1	7	3	6	4	3	2	0	0	0							
22:00	18	57.6	50.1	7.2	0	0	0	0	2	2	4	6	3	1	0	0	0							
23:00	9	68.4	60.8	7.3	0	0	0	0	0	0	2	3	3	1	0	0	0							
Total																								
2H(0-12)	165	52.3	43.5	8.5	0	0	6	19	24	51	38	13	8	5	1	0	0							
2H(14-16)	210	54.0	44.6	9.1	0	0	4	24	36	51	44	32	9	6	4	0	0							
12H(7-19)	1238	54.3	45.2	8.8	0	0	38	100	180	335	239	194	77	46	9	1	0							
24H(0-24)	1465	54.5	45.6	9.0	0	0	40	116	202	347	327	225	102	63	12	1	0							
AM Peak	08:00	00:00	00:00	00:00	00:00	00:00	11:00	09:00	09:00	08:00	10:00	07:00	08:00	07:00	08:00	00:00								
	104	78.2	53.8	15.9	0	0	5	15	24	43	22	18	8	4	1	0	0							
PM Peak	16:00	23:00	23:00	19:00	12:00	12:00	13:00	14:00	16:00	16:00	17:00	17:00	17:00	16:00	14:00	17:00								
	164	68.4	60.8	10.1	0	0	8	13	25	41	40	35	16	9	3	1	0							

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Direction: Northbound																	
Hour Beginning	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-40	Bin 5 40-50	Bin 6 50-60	Bin 7 60-70	Bin 8 70-80	Bin 9 80-90	Bin 10 90-100	Bin 11 100-110	Bin 12 >110	Bin 13 >120
00:00	2	59.8	52.5	7.1	0	0	0	0	0	0	1	0	1	0	0	0	0
01:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	1	-	47.5	-	0	0	0	0	0	0	1	0	0	0	0	0	0
04:00	4	58.5	52.5	5.8	0	0	0	0	0	0	2	0	2	0	0	0	0
05:00	9	57.5	45.5	8.7	0	0	0	2	0	1	1	1	1	0	0	0	0
06:00	35	62.3	52.1	9.8	0	0	0	1	2	3	2	14	3	8	0	0	0
07:00	88	55.2	47.4	7.5	0	0	1	4	10	16	20	24	12	1	0	0	0
08:00	175	54.4	45.4	8.7	0	0	5	13	30	36	37	34	14	5	1	0	0
09:00	112	49.8	41.7	7.8	0	0	5	18	25	26	18	17	3	0	0	0	0
10:00	111	52.9	43.2	9.4	0	0	7	16	13	29	25	15	6	4	0	0	0
11:00	98	51.7	43.8	7.7	0	0	1	9	29	13	26	12	7	1	0	0	0
12:00	113	54.6	45.4	9.0	0	0	3	8	23	25	22	10	18	4	0	0	0
13:00	93	53.4	44.2	8.9	0	0	3	6	23	22	20	8	7	3	1	0	0
14:00	87	54.5	44.8	9.3	0	1	3	10	6	23	22	12	6	4	0	0	0
15:00	129	56.8	45.8	10.6	0	0	4	7	12	26	22	18	9	6	1	0	0
16:00	116	54.1	45.6	8.2	0	0	1	9	17	34	22	17	11	5	0	0	0
17:00	98	58.1	47.5	10.3	0	0	1	6	19	13	20	15	16	5	1	0	0
18:00	81	62.4	50.2	11.7	0	0	1	3	7	19	18	12	7	8	4	2	0
19:00	44	62.3	52.1	9.9	0	0	0	2	3	6	7	9	8	8	1	0	0
20:00	30	59.1	47.3	11.5	0	0	0	3	7	1	3	4	1	3	4	1	0
21:00	19	63.1	51.1	11.6	0	0	0	2	2	3	2	1	4	5	0	0	0
22:00	15	67.1	51.3	15.2	0	0	0	2	2	1	1	1	1	1	1	1	0
23:00	5	61.0	48.0	12.5	0	0	0	0	2	1	0	0	1	1	0	0	0
Total																	
2H(0-12)	209	52.4	43.5	8.6	0	0	8	25	47	33	51	27	13	5	0	0	0
3H(13-15)	151	55.3	45.4	8.5	0	1	7	17	38	49	44	30	15	12	2	2	0
12H(16-18)	1304	54.9	46.3	9.3	0	1	36	100	230	273	274	136	48	8	5	0	0
24H(19-24)	1465	55.9	45.9	8.6	0	1	36	123	257	294	295	225	142	75	11	6	0
Avg Peak	08:00	06:00	05:00	06:00	08:00	10:00	12:00	09:00	08:00	08:00	08:00	08:00	08:00	08:00	08:00	08:00	08:00
	151	151	151	151	151	151	151	151	151	151	151	151	151	151	151	151	151
PM Peak	15:00	22:00	19:00	21:00	18:00	12:00	14:00	15:00	16:00	16:00	22:00	15:00	23:00	15:00	18:00	15:00	15:00
	139	67.1	52.1	15.2	0	1	4	10	32	34	22	18	10	8	4	2	0



North Wales ATC 15, B5381 Roman Road



Direction: Westbound

Hour Beginning	Thu 28/04/2022	Fri 29/04/2022	Sat 30/04/2022	Sun 01/05/2022	Mon 02/05/2022	Tue 03/05/2022	Wed 04/05/2022	5-Day Ave.	7-Day Ave.
00:00	0	1	5	4	3	2	3	2	3
01:00	1	1	1	5	8	1	2	3	3
02:00	1	1	2	1	2	0	0	1	1
03:00	0	0	0	0	0	4	0	1	1
04:00	2	1	2	1	1	0	1	1	1
05:00	2	1	4	0	0	7	1	2	2
06:00	11	10	7	10	4	11	16	10	10
07:00	28	36	15	9	12	39	22	27	23
08:00	85	91	34	15	23	74	69	68	56
09:00	78	77	71	30	40	72	56	65	61
10:00	71	57	93	67	74	61	48	62	67
11:00	74	76	89	85	93	45	37	65	71
12:00	73	69	102	83	103	70	78	79	83
13:00	66	87	90	63	75	79	57	73	74
14:00	82	72	83	82	67	56	59	67	72
15:00	89	61	76	67	68	64	67	70	70
16:00	119	119	108	70	87	76	88	98	95
17:00	148	117	58	40	44	100	124	107	90
18:00	64	98	33	30	36	72	56	65	56
19:00	53	39	27	26	24	41	22	36	33
20:00	25	7	16	28	28	25	31	23	23
21:00	18	8	8	5	4	14	22	13	11
22:00	8	14	11	2	1	15	15	11	9
23:00	6	5	2	2	2	4	2	4	3
Total									
12H(7-19)	977	960	852	641	722	808	761	846	817
16H(6-22)	1084	1024	910	710	782	899	852	928	894
18H(6-24)	1098	1043	923	714	785	918	869	943	907
24H(0-24)	1104	1048	937	725	799	932	876	952	917
AM Peak	08:00	08:00	10:00	11:00	11:00	08:00	08:00	08:00	11:00
	85	91	93	85	93	74	69	68	71
PM Peak	17:00	16:00	16:00	12:00	12:00	17:00	17:00	17:00	16:00
	148	119	108	83	103	100	124	107	95

360 TSL Ltd

Direction: Eastbound

Hour Beginning	Thu 28/04/2022	Fri 29/04/2022	Sat 30/04/2022	Sun 01/05/2022	Mon 02/05/2022	Tue 03/05/2022	Wed 04/05/2022	5-Day Ave.	7-Day Ave.
00:00	1	0	3	6	4	2	1	2	2
01:00	1	0	1	2	2	3	1	1	1
02:00	3	0	0	6	6	0	1	2	2
03:00	0	1	2	0	0	0	0	0	0
04:00	3	3	2	3	5	5	2	4	3
05:00	8	14	2	8	9	13	4	10	8
06:00	21	19	15	5	6	37	28	22	19
07:00	76	59	31	20	20	75	87	63	53
08:00	101	105	31	31	24	130	99	92	74
09:00	91	44	80	64	65	74	57	66	68
10:00	84	62	54	49	70	57	91	73	67
11:00	55	79	76	81	90	66	75	73	75
12:00	69	66	48	94	85	59	62	68	69
13:00	80	91	55	91	115	81	65	86	83
14:00	51	51	80	52	73	66	65	61	63
15:00	75	82	85	79	73	86	70	77	79
16:00	115	74	56	67	76	83	89	87	80
17:00	81	69	63	44	42	81	60	67	63
18:00	65	48	45	56	67	35	63	56	54
19:00	42	46	30	26	24	23	29	33	31
20:00	16	17	25	16	24	11	14	16	18
21:00	11	4	11	6	8	8	16	9	9
22:00	11	2	9	2	2	5	6	5	5
23:00	2	3	0	0	0	4	2	2	2
Total									
12H(7-19)	943	830	704	728	800	893	883	870	826
16H(6-22)	1033	916	785	781	862	972	970	951	903
18H(6-24)	1046	921	794	783	864	981	978	958	910
24H(0-24)	1062	939	804	808	890	1004	987	976	928
AM Peak	08:00	08:00	09:00	11:00	11:00	08:00	08:00	08:00	11:00
	101	105	80	81	90	130	99	92	75
PM Peak	16:00	13:00	15:00	12:00	13:00	15:00	16:00	16:00	13:00
	115	91	85	94	115	86	89	87	83

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Thu 28/04/2022	Fri 29/04/2022	Sat 30/04/2022	Sun 01/05/2022	Mon 02/05/2022	Tue 03/05/2022	Wed 04/05/2022	5-Day Ave.	7-Day Ave.
00:00	1	1	8	10	7	4	4	3	5
01:00	2	1	2	7	10	4	3	4	4
02:00	4	1	2	7	8	0	1	3	3
03:00	0	1	2	0	0	4	0	1	1
04:00	5	4	4	4	6	5	3	5	4
05:00	10	15	6	8	9	20	5	12	10
06:00	32	29	22	15	10	48	44	33	29
07:00	104	95	46	29	32	114	109	91	76
08:00	186	196	65	46	47	204	168	160	130
09:00	169	121	151	94	105	146	113	131	128
10:00	155	119	147	116	144	118	139	135	134
11:00	129	155	165	166	183	111	112	138	146
12:00	142	135	150	177	188	129	140	147	152
13:00	146	178	145	154	190	160	122	159	156
14:00	133	123	163	134	140	122	124	128	134
15:00	164	143	161	146	141	150	137	147	149
16:00	234	193	164	137	163	159	177	185	175
17:00	229	186	121	84	86	181	184	173	153
18:00	129	146	78	86	103	107	119	121	110
19:00	95	85	57	52	48	64	51	69	65
20:00	41	24	41	44	52	36	45	40	40
21:00	29	12	19	11	12	22	38	23	20
22:00	19	16	20	4	3	20	21	16	15
23:00	8	8	2	2	2	8	4	6	5
Total									
12H(7-19)	1920	1790	1556	1369	1522	1701	1644	1715	1643
16H(6-22)	2117	1940	1695	1491	1644	1871	1822	1879	1797
18H(6-24)	2144	1964	1717	1497	1649	1899	1847	1901	1817
24H(0-24)	2166	1987	1741	1533	1689	1936	1863	1928	1845
AM Peak	08:00	08:00	11:00	11:00	11:00	08:00	08:00	08:00	11:00
	186	196	165	166	183	204	168	160	146
PM Peak	16:00	16:00	16:00	12:00	13:00	17:00	17:00	16:00	16:00
	234	193	164	177	190	181	184	185	175

360 TSL Ltd



North Wales ATC 15, B5381 Roman Road

Direction: Westbound

	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 28 Apr 2022	1104	854	239	5	6
Fri 29 Apr 2022	1048	847	185	10	6
Sat 30 Apr 2022	937	753	171	10	3
Sun 1 May 2022	725	597	119	5	4
Mon 2 May 2022	799	661	135	2	1
Tue 3 May 2022	932	745	176	9	2
Wed 4 May 2022	876	706	158	6	6
5 Day Ave.	952	763	179	6	4
7 Day Ave.	917	738	169	7	4

Direction: Eastbound

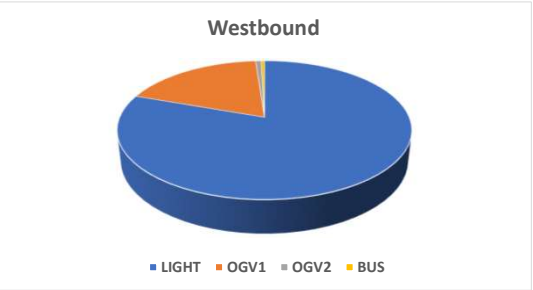
	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 28 Apr 2022	1062	799	240	2	21
Fri 29 Apr 2022	939	708	208	9	14
Sat 30 Apr 2022	804	624	165	5	10
Sun 1 May 2022	808	639	164	2	3
Mon 2 May 2022	890	714	175	1	0
Tue 3 May 2022	1004	736	250	5	13
Wed 4 May 2022	987	720	238	9	20
5 Day Ave.	976	735	222	5	14
7 Day Ave.	928	706	206	5	12

Direction: Total Flow

	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 28 Apr 2022	2166	1653	479	7	27
Fri 29 Apr 2022	1987	1555	393	19	20
Sat 30 Apr 2022	1741	1377	336	15	13
Sun 1 May 2022	1533	1236	283	7	7
Mon 2 May 2022	1689	1375	310	3	1
Tue 3 May 2022	1936	1481	426	14	15
Wed 4 May 2022	1863	1426	396	15	26
5 Day Ave.	1928	1498	401	12	18
7 Day Ave.	1845	1443	375	11	16

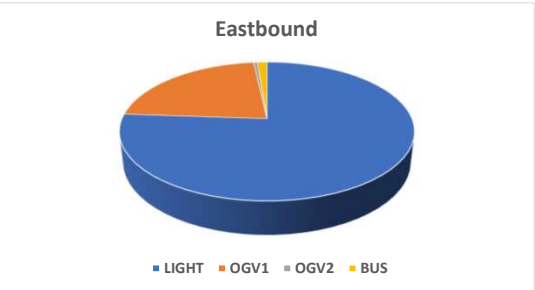
	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 28 Apr 2022	100.0%	77.4%	21.6%	0.5%	0.5%
Fri 29 Apr 2022	100.0%	80.8%	17.7%	1.0%	0.6%
Sat 30 Apr 2022	100.0%	80.4%	18.2%	1.1%	0.3%
Sun 1 May 2022	100.0%	82.3%	16.4%	0.7%	0.6%
Mon 2 May 2022	100.0%	82.7%	16.9%	0.3%	0.1%
Tue 3 May 2022	100.0%	79.9%	18.9%	1.0%	0.2%
Wed 4 May 2022	100.0%	80.6%	18.0%	0.7%	0.7%
5 Day Ave.	100.0%	80.1%	18.8%	0.7%	0.4%
7 Day Ave.	100.0%	80.4%	18.4%	0.7%	0.4%

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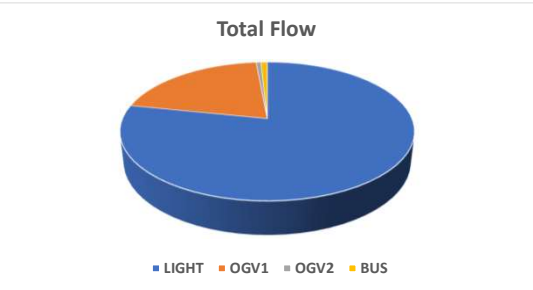
	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 28 Apr 2022	100.0%	75.2%	22.6%	0.2%	2.0%
Fri 29 Apr 2022	100.0%	75.4%	22.2%	1.0%	1.5%
Sat 30 Apr 2022	100.0%	77.6%	20.5%	0.6%	1.2%
Sun 1 May 2022	100.0%	79.1%	20.3%	0.2%	0.4%
Mon 2 May 2022	100.0%	80.2%	19.7%	0.1%	0.0%
Tue 3 May 2022	100.0%	73.3%	24.9%	0.5%	1.3%
Wed 4 May 2022	100.0%	72.9%	24.1%	0.9%	2.0%
5 Day Ave.	100.0%	75.3%	22.8%	0.5%	1.4%
7 Day Ave.	100.0%	76.1%	22.2%	0.5%	1.2%

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	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 28 Apr 2022	100.0%	76.3%	22.1%	0.3%	1.2%
Fri 29 Apr 2022	100.0%	78.3%	19.8%	1.0%	1.0%
Sat 30 Apr 2022	100.0%	79.1%	19.3%	0.9%	0.7%
Sun 1 May 2022	100.0%	80.6%	18.5%	0.5%	0.5%
Mon 2 May 2022	100.0%	81.4%	18.4%	0.2%	0.1%
Tue 3 May 2022	100.0%	76.5%	22.0%	0.7%	0.8%
Wed 4 May 2022	100.0%	76.5%	21.3%	0.8%	1.4%
5 Day Ave.	100.0%	77.7%	20.8%	0.6%	0.9%
7 Day Ave.	100.0%	78.2%	20.3%	0.6%	0.8%

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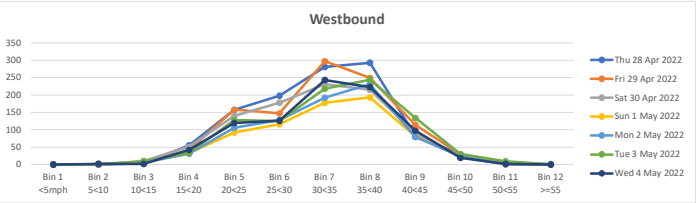


North Wales ATC 15, B5381 Roman Road

Direction: Westbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5<10	Bin 3 10<15	Bin 4 15<20	Bin 5 20<25	Bin 6 25<30	Bin 7 30<35	Bin 8 35<40	Bin 9 40<45	Bin 10 45<50	Bin 11 50<55	Bin 12 >=55
Thu 28 Apr 2022	1104	39.5	31.9	7.3	0	0	4	55	157	198	281	293	83	29	3	1
Fri 29 Apr 2022	1048	40.1	32.4	7.5	0	1	5	41	158	147	297	249	114	29	7	0
Sat 30 Apr 2022	937	39.3	31.5	7.5	0	0	10	51	140	178	231	215	89	22	0	1
Sun 1 May 2022	725	40.4	32.6	7.6	0	1	5	33	92	116	178	193	81	24	2	0
Mon 2 May 2022	799	40.2	32.6	7.4	0	1	5	31	106	128	192	231	79	24	2	0
Tue 3 May 2022	932	41.3	33.2	7.9	0	1	9	33	128	125	218	244	134	30	9	1
Wed 4 May 2022	876	39.9	32.3	7.3	0	2	2	42	120	126	243	223	97	19	2	0
5 Day Ave.	952	40.2	32.5	7.5	0	1	5	40	134	145	246	248	101	26	5	0
7 Day Ave.	917	40.1	32.4	7.5	0	1	6	41	129	145	234	235	97	25	4	0

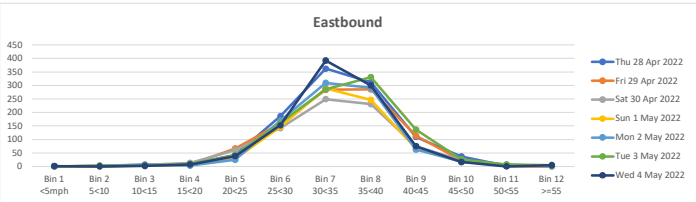
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Direction: Eastbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5<10	Bin 3 10<15	Bin 4 15<20	Bin 5 20<25	Bin 6 25<30	Bin 7 30<35	Bin 8 35<40	Bin 9 40<45	Bin 10 45<50	Bin 11 50<55	Bin 12 >=55
Thu 28 Apr 2022	1062	40.2	34.1	6.0	0	0	5	8	42	186	362	312	109	36	2	0
Fri 29 Apr 2022	939	40.2	33.9	6.1	0	0	3	6	66	159	284	285	113	22	1	0
Sat 30 Apr 2022	804	40.2	33.3	6.6	0	2	5	13	60	142	249	231	75	22	5	0
Sun 1 May 2022	808	40.0	33.8	5.9	0	2	5	4	28	146	289	246	66	17	3	2
Mon 2 May 2022	890	39.8	33.8	5.8	0	2	6	3	24	169	309	291	62	17	6	1
Tue 3 May 2022	1004	41.3	34.7	6.4	0	2	2	9	41	161	285	331	136	26	7	4
Wed 4 May 2022	987	39.6	33.8	5.6	1	0	2	7	38	152	392	300	75	16	0	4
5 Day Ave.	976	40.2	34.1	6.0	0	1	4	7	42	165	326	304	99	23	3	2
7 Day Ave.	928	40.2	33.9	6.1	0	1	4	7	43	159	310	285	91	22	3	2

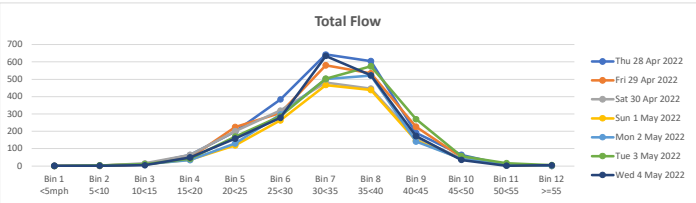
360 TSL Ltd



Direction: Total Flow

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5<10	Bin 3 10<15	Bin 4 15<20	Bin 5 20<25	Bin 6 25<30	Bin 7 30<35	Bin 8 35<40	Bin 9 40<45	Bin 10 45<50	Bin 11 50<55	Bin 12 >=55
Thu 28 Apr 2022	2166	40.0	33.0	6.7	0	0	9	63	199	384	643	605	192	65	5	1
Fri 29 Apr 2022	1987	40.3	33.1	6.9	0	1	8	47	224	306	581	534	227	51	8	0
Sat 30 Apr 2022	1741	39.8	32.4	7.2	0	2	15	64	200	320	480	446	164	44	5	1
Sun 1 May 2022	1533	40.2	33.2	6.8	0	3	10	37	120	262	467	439	147	41	5	2
Mon 2 May 2022	1689	40.1	33.2	6.6	0	3	11	34	130	297	501	522	141	41	8	1
Tue 3 May 2022	1936	41.4	34.0	7.2	0	3	11	42	169	286	503	575	270	56	16	5
Wed 4 May 2022	1863	39.9	33.1	6.5	1	2	4	49	158	278	635	523	172	35	2	4
5 Day Ave.	1928	40.3	33.3	6.8	0	2	9	47	176	310	573	552	200	50	8	2
7 Day Ave.	1845	40.2	33.1	6.8	0	2	10	48	171	305	544	521	188	48	7	2

360 TSL Ltd





## North Wales ATC 15, B5381 Roman Road

Direction: Westbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5<10	Bin 3 10<15	Bin 4 15<20	Bin 5 20<25	Bin 6 25<30	Bin 7 30<35	Bin 8 35<40	Bin 9 40<45	Bin 10 45<50	Bin 11 50<55	Bin 12 >=55
Thu 28 Apr 2022	145	37.7	30.1	7.4	0	0	1	15	18	42	26	32	9	2	0	0
Fri 29 Apr 2022	133	36.4	29.4	6.7	0	0	2	4	38	22	37	24	6	0	0	0
Sat 30 Apr 2022	182	38.3	30.7	7.4	0	0	3	9	30	41	43	44	9	2	0	1
Sun 1 May 2022	152	37.7	29.9	7.6	0	0	1	13	31	35	24	39	5	4	0	0
Mon 2 May 2022	167	38.0	30.4	7.4	0	0	1	12	34	30	37	41	10	2	0	0
Tue 3 May 2022	106	39.1	31.4	7.4	0	0	2	5	17	17	23	34	7	1	0	0
Wed 4 May 2022	85	39.1	31.0	7.9	0	0	1	7	14	12	24	18	6	3	0	0
5 Day Ave.	127	38.1	30.4	7.3	0	0	1	9	24	25	29	30	8	2	0	0
7 Day Ave.	139	38.1	30.4	7.4	0	0	2	9	26	28	31	33	7	2	0	0

360 TSL Ltd

Direction: Eastbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5<10	Bin 3 10<15	Bin 4 15<20	Bin 5 20<25	Bin 6 25<30	Bin 7 30<35	Bin 8 35<40	Bin 9 40<45	Bin 10 45<50	Bin 11 50<55	Bin 12 >=55
Thu 28 Apr 2022	139	39.6	33.4	5.9	0	0	0	0	5	41	41	32	15	5	0	0
Fri 29 Apr 2022	141	37.3	31.2	5.9	0	0	1	0	18	41	49	21	9	2	0	0
Sat 30 Apr 2022	130	39.1	31.9	7.0	0	0	1	6	18	17	42	34	10	2	0	0
Sun 1 May 2022	130	39.6	33.6	5.8	0	1	1	2	3	16	55	41	9	2	0	0
Mon 2 May 2022	160	39.0	33.4	5.4	0	1	1	1	3	27	66	51	8	2	0	0
Tue 3 May 2022	123	37.4	32.9	4.4	0	0	0	0	4	26	54	36	2	1	0	0
Wed 4 May 2022	166	39.3	34.2	5.0	0	0	0	0	4	29	61	55	14	3	0	0
5 Day Ave.	146	38.5	33.0	5.3	0	0	0	0	7	33	54	39	10	3	0	0
7 Day Ave.	141	38.8	32.9	5.6	0	0	1	1	8	28	53	39	10	2	0	0

360 TSL Ltd

Direction: Total Flow

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5<10	Bin 3 10<15	Bin 4 15<20	Bin 5 20<25	Bin 6 25<30	Bin 7 30<35	Bin 8 35<40	Bin 9 40<45	Bin 10 45<50	Bin 11 50<55	Bin 12 >=55
Thu 28 Apr 2022	284	38.9	31.7	6.9	0	0	1	15	23	83	67	64	24	7	0	0
Fri 29 Apr 2022	274	36.9	30.3	6.4	0	0	3	4	56	63	86	45	15	2	0	0
Sat 30 Apr 2022	312	38.7	31.2	7.2	0	0	4	15	48	58	85	78	19	4	0	1
Sun 1 May 2022	282	38.9	31.6	7.1	0	1	2	15	34	51	79	80	14	6	0	0
Mon 2 May 2022	327	38.7	31.8	6.6	0	1	2	13	37	57	103	92	18	4	0	0
Tue 3 May 2022	229	38.4	32.2	6.0	0	0	2	5	21	43	77	70	9	2	0	0
Wed 4 May 2022	251	39.6	33.1	6.3	0	0	1	7	18	41	85	73	20	6	0	0
5 Day Ave.	273	38.5	31.8	6.4	0	0	2	9	31	57	84	69	17	4	0	0
7 Day Ave.	280	38.6	31.7	6.6	0	0	2	11	34	57	83	72	17	4	0	0

360 TSL Ltd



## North Wales ATC 15, B5381 Roman Road

Direction: Westbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5<10	Bin 3 10<15	Bin 4 15<20	Bin 5 20<25	Bin 6 25<30	Bin 7 30<35	Bin 8 35<40	Bin 9 40<45	Bin 10 45<50	Bin 11 50<55	Bin 12 >=55
Thu 28 Apr 2022	171	38.5	31.1	7.1	0	0	1	9	26	32	59	27	12	4	1	0
Fri 29 Apr 2022	133	39.6	31.9	7.5	0	0	0	13	11	24	33	38	12	1	1	0
Sat 30 Apr 2022	159	38.8	30.4	8.1	0	0	2	14	31	33	26	30	21	2	0	0
Sun 1 May 2022	149	40.4	32.9	7.2	0	1	2	4	12	27	38	45	18	1	1	0
Mon 2 May 2022	135	39.7	31.7	7.7	0	1	2	8	13	29	30	37	13	1	1	0
Tue 3 May 2022	120	41.8	33.2	8.3	0	0	0	13	12	4	36	32	19	2	2	0
Wed 4 May 2022	126	40.2	32.3	7.6	0	0	0	7	18	19	34	29	15	3	1	0
5 Day Ave.	137	40.0	32.0	7.6	0	0	1	10	16	22	38	33	14	2	1	0
7 Day Ave.	142	39.9	31.9	7.6	0	0	1	10	18	24	37	34	16	2	1	0

360 TSL Ltd

Direction: Eastbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5<10	Bin 3 10<15	Bin 4 15<20	Bin 5 20<25	Bin 6 25<30	Bin 7 30<35	Bin 8 35<40	Bin 9 40<45	Bin 10 45<50	Bin 11 50<55	Bin 12 >=55
Thu 28 Apr 2022	126	37.2	32.3	4.7	0	0	0	1	5	32	55	27	6	0	0	0
Fri 29 Apr 2022	133	39.4	33.2	6.0	0	0	0	2	10	25	47	30	18	1	0	0
Sat 30 Apr 2022	165	40.5	33.7	6.6	0	0	0	1	18	23	57	40	19	5	2	0
Sun 1 May 2022	131	38.5	32.2	6.1	0	1	1	1	9	33	43	33	9	1	0	0
Mon 2 May 2022	146	39.5	33.0	6.3	0	1	1	1	7	34	48	35	18	1	0	0
Tue 3 May 2022	152	42.2	34.7	7.3	0	1	0	0	6	32	49	28	27	4	4	1
Wed 4 May 2022	135	39.3	32.5	6.6	1	0	0	1	7	31	63	21	6	3	0	2
5 Day Ave.	138	39.5	33.1	6.2	0	0	0	1	7	31	52	28	15	2	1	1
7 Day Ave.	141	39.5	33.1	6.2	0	0	0	1	9	30	52	31	15	2	1	0

360 TSL Ltd

Direction: Total Flow

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5<10	Bin 3 10<15	Bin 4 15<20	Bin 5 20<25	Bin 6 25<30	Bin 7 30<35	Bin 8 35<40	Bin 9 40<45	Bin 10 45<50	Bin 11 50<55	Bin 12 >=55
Thu 28 Apr 2022	297	38.1	31.6	6.2	0	0	1	10	31	64	114	54	18	4	1	0
Fri 29 Apr 2022	266	39.6	32.5	6.8	0	0	0	15	21	49	80	68	30	2	1	0
Sat 30 Apr 2022	324	39.9	32.1	7.6	0	0	2	15	49	56	83	70	40	7	2	0
Sun 1 May 2022	280	39.5	32.6	6.7	0	2	3	5	21	60	81	78	27	2	1	0
Mon 2 May 2022	281	39.6	32.4	7.0	0	2	3	9	20	63	78	72	31	2	1	0
Tue 3 May 2022	272	42.1	34.0	7.7	0	1	0	13	18	36	85	60	46	6	6	1
Wed 4 May 2022	261	39.7	32.4	7.1	1	0	0	8	25	50	97	50	21	6	1	2
5 Day Ave.	275	39.8	32.6	7.0	0	1	1	11	23	52	91	61	29	4	2	1
7 Day Ave.	283	39.8	32.5	7.0	0	1	1	11	26	54	88	65	30	4	2	0

360 TSL Ltd



# North Wales ATC 15, B5381 Roman Road

Direction: Westbound

28/04/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	0	0	0	0	0
01:00	1	1	0	0	0
02:00	1	1	0	0	0
03:00	0	0	0	0	0
04:00	2	1	1	0	0
05:00	2	1	1	0	0
06:00	11	8	3	0	0
07:00	28	20	7	0	1
08:00	85	65	19	0	1
09:00	78	60	15	2	1
10:00	71	57	13	1	0
11:00	74	58	16	0	0
12:00	73	60	12	1	0
13:00	66	51	15	0	0
14:00	82	61	20	0	1
15:00	89	78	11	0	0
16:00	119	88	29	1	1
17:00	148	108	40	0	0
18:00	64	48	16	0	0
19:00	53	41	12	0	0
20:00	25	22	3	0	0
21:00	18	13	4	0	1
22:00	8	7	1	0	0
23:00	6	5	1	0	0
Total					
12H(7-19)	977	754	213	5	5
16H(6-22)	1084	838	235	5	6
18H(6-24)	1098	850	237	5	6
24H(0-24)	1104	854	239	5	6
AM Peak	08:00	08:00	08:00	09:00	07:00
	85	65	19	2	1
PM Peak	17:00	17:00	17:00	12:00	14:00
	148	108	40	1	1

360 TSL Ltd

Direction: Eastbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	1	0	1	0	0
01:00	1	1	0	0	0
02:00	3	3	0	0	0
03:00	0	0	0	0	0
04:00	3	2	0	0	1
05:00	8	5	3	0	0
06:00	21	14	7	0	0
07:00	76	60	15	1	0
08:00	101	90	10	0	1
09:00	91	61	30	0	0
10:00	84	64	17	1	2
11:00	55	38	14	0	3
12:00	69	49	16	0	4
13:00	80	60	18	0	2
14:00	51	33	17	0	1
15:00	75	55	20	0	0
16:00	115	93	16	0	6
17:00	81	55	25	0	1
18:00	65	59	6	0	0
19:00	42	27	15	0	0
20:00	16	14	2	0	0
21:00	11	11	0	0	0
22:00	11	3	8	0	0
23:00	2	2	0	0	0
Total					
12H(7-19)	943	717	204	2	20
16H(6-22)	1033	783	228	2	20
18H(6-24)	1046	788	236	2	20
24H(0-24)	1062	799	240	2	21
AM Peak	08:00	08:00	09:00	07:00	11:00
	101	90	30	1	3
PM Peak	16:00	16:00	17:00	12:00	16:00
	115	93	25	0	6

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	1	0	1	0	0
01:00	2	2	0	0	0
02:00	4	4	0	0	0
03:00	0	0	0	0	0
04:00	5	3	1	0	1
05:00	10	6	4	0	0
06:00	32	22	10	0	0
07:00	104	80	22	1	1
08:00	186	155	29	0	2
09:00	169	121	45	2	1
10:00	155	121	30	2	2
11:00	129	96	30	0	3
12:00	142	109	28	1	4
13:00	146	111	33	0	2
14:00	133	94	37	0	2
15:00	164	133	31	0	0
16:00	234	181	45	1	7
17:00	229	163	65	0	1
18:00	129	107	22	0	0
19:00	95	68	27	0	0
20:00	41	36	5	0	0
21:00	29	24	4	0	1
22:00	19	10	9	0	0
23:00	8	7	1	0	0
Total					
12H(7-19)	1920	1471	417	7	25
16H(6-22)	2117	1621	463	7	26
18H(6-24)	2144	1638	473	7	26
24H(0-24)	2166	1653	479	7	27
AM Peak	08:00	08:00	09:00	09:00	11:00
	186	155	45	2	3
PM Peak	16:00	16:00	17:00	12:00	16:00
	234	181	65	1	7

360 TSL Ltd



# North Wales ATC 15, B5381 Roman Road

Direction: Westbound

29/04/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	1	1	0	0	0
01:00	1	0	1	0	0
02:00	1	1	0	0	0
03:00	0	0	0	0	0
04:00	1	0	1	0	0
05:00	1	1	0	0	0
06:00	10	9	1	0	0
07:00	36	30	5	0	1
08:00	91	79	10	0	2
09:00	77	56	18	3	0
10:00	57	47	10	0	0
11:00	76	62	12	1	1
12:00	69	52	15	1	1
13:00	87	72	14	1	0
14:00	72	54	16	1	1
15:00	61	50	10	1	0
16:00	119	100	19	0	0
17:00	117	96	19	2	0
18:00	98	82	16	0	0
19:00	39	26	13	0	0
20:00	7	6	1	0	0
21:00	8	6	2	0	0
22:00	14	13	1	0	0
23:00	5	4	1	0	0
Total					
12H(7-19)	960	780	164	10	6
16H(6-22)	1024	827	181	10	6
18H(6-24)	1043	844	183	10	6
24H(0-24)	1048	847	185	10	6
AM Peak	08:00 91	08:00 79	09:00 18	09:00 3	08:00 2
PM Peak	16:00 119	16:00 100	16:00 19	17:00 2	12:00 1

360 TSL Ltd

Direction: Eastbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	0	0	0	0	0
01:00	0	0	0	0	0
02:00	0	0	0	0	0
03:00	1	0	1	0	0
04:00	3	1	0	0	2
05:00	14	7	7	0	0
06:00	19	11	7	1	0
07:00	59	42	16	0	1
08:00	105	97	7	0	1
09:00	44	31	11	1	1
10:00	62	47	12	3	0
11:00	79	55	20	1	3
12:00	66	50	16	0	0
13:00	91	75	16	0	0
14:00	51	32	14	2	3
15:00	82	62	19	0	1
16:00	74	50	22	1	1
17:00	69	50	19	0	0
18:00	48	34	13	0	1
19:00	46	42	4	0	0
20:00	17	15	2	0	0
21:00	4	3	1	0	0
22:00	2	2	0	0	0
23:00	3	2	1	0	0
Total					
12H(7-19)	830	625	185	8	12
16H(6-22)	916	696	199	9	12
18H(6-24)	921	700	200	9	12
24H(0-24)	939	708	208	9	14
AM Peak	08:00 105	08:00 97	11:00 20	10:00 3	11:00 3
PM Peak	13:00 91	13:00 75	16:00 22	14:00 2	14:00 3

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	1	1	0	0	0
01:00	1	0	1	0	0
02:00	1	1	0	0	0
03:00	1	0	1	0	0
04:00	4	1	1	0	2
05:00	15	8	7	0	0
06:00	29	20	8	1	0
07:00	95	72	21	0	2
08:00	196	176	17	0	3
09:00	121	87	29	4	1
10:00	119	94	22	3	0
11:00	155	117	32	2	4
12:00	135	102	31	1	1
13:00	178	147	30	1	0
14:00	123	86	30	3	4
15:00	143	112	29	1	1
16:00	193	150	41	1	1
17:00	186	146	38	2	0
18:00	146	116	29	0	1
19:00	85	68	17	0	0
20:00	24	21	3	0	0
21:00	12	9	3	0	0
22:00	16	15	1	0	0
23:00	8	6	2	0	0
Total					
12H(7-19)	1790	1405	349	18	18
16H(6-22)	1940	1523	380	19	18
18H(6-24)	1964	1544	383	19	18
24H(0-24)	1987	1555	393	19	20
AM Peak	08:00 196	08:00 176	11:00 32	09:00 4	11:00 4
PM Peak	16:00 193	16:00 150	16:00 41	14:00 3	14:00 4

360 TSL Ltd



# North Wales ATC 15, B5381 Roman Road

Direction: Westbound

30/04/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	5	4	1	0	0
01:00	1	1	0	0	0
02:00	2	1	1	0	0
03:00	0	0	0	0	0
04:00	2	1	1	0	0
05:00	4	1	3	0	0
06:00	7	6	1	0	0
07:00	15	9	5	0	1
08:00	34	28	5	0	1
09:00	71	56	15	0	0
10:00	93	76	16	1	0
11:00	89	72	16	1	0
12:00	102	80	22	0	0
13:00	90	76	9	5	0
14:00	83	67	15	1	0
15:00	76	62	13	1	0
16:00	108	89	17	1	1
17:00	58	47	11	0	0
18:00	33	26	7	0	0
19:00	27	21	6	0	0
20:00	16	15	1	0	0
21:00	8	6	2	0	0
22:00	11	7	4	0	0
23:00	2	2	0	0	0
Total					
12H(7-19)	852	688	151	10	3
16H(6-22)	910	736	161	10	3
18H(6-24)	923	745	165	10	3
24H(0-24)	937	753	171	10	3
AM Peak	10:00 93	10:00 76	10:00 16	10:00 1	07:00 1
PM Peak	16:00 108	16:00 89	12:00 22	13:00 5	16:00 1

360 TSL Ltd

Direction: Eastbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	3	1	1	1	0
01:00	1	1	0	0	0
02:00	0	0	0	0	0
03:00	2	1	1	0	0
04:00	2	1	0	0	1
05:00	2	2	0	0	0
06:00	15	13	0	0	2
07:00	31	19	10	0	2
08:00	31	23	8	0	0
09:00	80	59	21	0	0
10:00	54	36	16	0	2
11:00	76	59	16	1	0
12:00	48	38	9	1	0
13:00	55	41	12	0	2
14:00	80	66	14	0	0
15:00	85	72	11	2	0
16:00	56	52	4	0	0
17:00	63	48	14	0	1
18:00	45	39	6	0	0
19:00	30	21	9	0	0
20:00	25	18	7	0	0
21:00	11	7	4	0	0
22:00	9	7	2	0	0
23:00	0	0	0	0	0
Total					
12H(7-19)	704	552	141	4	7
16H(6-22)	785	611	161	4	9
18H(6-24)	794	618	163	4	9
24H(0-24)	804	624	165	5	10
AM Peak	09:00 80	09:00 59	09:00 21	00:00 1	06:00 2
PM Peak	15:00 85	15:00 72	14:00 14	15:00 2	13:00 2

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	8	5	2	1	0
01:00	2	2	0	0	0
02:00	2	1	1	0	0
03:00	2	1	1	0	0
04:00	4	2	1	0	1
05:00	6	3	3	0	0
06:00	22	19	1	0	2
07:00	46	28	15	0	3
08:00	65	51	13	0	1
09:00	151	115	36	0	0
10:00	147	112	32	1	2
11:00	165	131	32	2	0
12:00	150	118	31	1	0
13:00	145	117	21	5	2
14:00	163	133	29	1	0
15:00	161	134	24	3	0
16:00	164	141	21	1	1
17:00	121	95	25	0	1
18:00	78	65	13	0	0
19:00	57	42	15	0	0
20:00	41	33	8	0	0
21:00	19	13	6	0	0
22:00	20	14	6	0	0
23:00	2	2	0	0	0
Total					
12H(7-19)	1556	1240	292	14	10
16H(6-22)	1695	1347	322	14	12
18H(6-24)	1717	1363	328	14	12
24H(0-24)	1741	1377	336	15	13
AM Peak	11:00 165	11:00 131	09:00 36	11:00 2	07:00 3
PM Peak	16:00 164	16:00 141	12:00 31	13:00 5	13:00 2

360 TSL Ltd



# North Wales ATC 15, B5381 Roman Road

Direction: Westbound

01/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	4	1	0	1	2
01:00	5	4	1	0	0
02:00	1	1	0	0	0
03:00	0	0	0	0	0
04:00	1	1	0	0	0
05:00	0	0	0	0	0
06:00	10	7	3	0	0
07:00	9	7	2	0	0
08:00	15	13	2	0	0
09:00	30	26	4	0	0
10:00	67	55	11	1	0
11:00	85	67	17	1	0
12:00	83	70	12	1	0
13:00	63	49	13	1	0
14:00	82	78	4	0	0
15:00	67	54	12	0	1
16:00	70	53	17	0	0
17:00	40	32	8	0	0
18:00	30	24	6	0	0
19:00	26	24	2	0	0
20:00	28	25	3	0	0
21:00	5	5	0	0	0
22:00	2	1	0	0	1
23:00	2	0	2	0	0
Total					
12H(7-19)	641	528	108	4	1
16H(6-22)	710	589	116	4	1
18H(6-24)	714	590	118	4	2
24H(0-24)	725	597	119	5	4
AM Peak	11:00	11:00	11:00	00:00	00:00
	85	67	17	1	2
PM Peak	12:00	14:00	16:00	12:00	15:00
	83	78	17	1	1

360 TSL Ltd

Direction: Eastbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	6	4	2	0	0
01:00	2	0	2	0	0
02:00	6	6	0	0	0
03:00	0	0	0	0	0
04:00	3	3	0	0	0
05:00	8	5	3	0	0
06:00	5	4	1	0	0
07:00	20	16	4	0	0
08:00	31	23	7	1	0
09:00	64	58	6	0	0
10:00	49	35	14	0	0
11:00	81	66	14	0	1
12:00	94	80	13	0	1
13:00	91	78	13	0	0
14:00	52	34	18	0	0
15:00	79	67	12	0	0
16:00	67	49	17	0	1
17:00	44	31	13	0	0
18:00	56	43	12	1	0
19:00	26	20	6	0	0
20:00	16	12	4	0	0
21:00	6	4	2	0	0
22:00	2	1	1	0	0
23:00	0	0	0	0	0
Total					
12H(7-19)	728	580	143	2	3
16H(6-22)	781	620	156	2	3
18H(6-24)	783	621	157	2	3
24H(0-24)	808	639	164	2	3
AM Peak	11:00	11:00	10:00	08:00	11:00
	81	66	14	1	1
PM Peak	12:00	12:00	14:00	18:00	12:00
	94	80	18	1	1

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	10	5	2	1	2
01:00	7	4	3	0	0
02:00	7	7	0	0	0
03:00	0	0	0	0	0
04:00	4	4	0	0	0
05:00	8	5	3	0	0
06:00	15	11	4	0	0
07:00	29	23	6	0	0
08:00	46	36	9	1	0
09:00	94	84	10	0	0
10:00	116	90	25	1	0
11:00	166	133	31	1	1
12:00	177	150	25	1	1
13:00	154	127	26	1	0
14:00	134	112	22	0	0
15:00	146	121	24	0	1
16:00	137	102	34	0	1
17:00	84	63	21	0	0
18:00	86	67	18	1	0
19:00	52	44	8	0	0
20:00	44	37	7	0	0
21:00	11	9	2	0	0
22:00	4	2	1	0	1
23:00	2	0	2	0	0
Total					
12H(7-19)	1369	1108	251	6	4
16H(6-22)	1491	1209	272	6	4
18H(6-24)	1497	1211	275	6	5
24H(0-24)	1533	1236	283	7	7
AM Peak	11:00	11:00	11:00	00:00	00:00
	166	133	31	1	2
PM Peak	12:00	12:00	16:00	12:00	12:00
	177	150	34	1	1

360 TSL Ltd



# North Wales ATC 15, B5381 Roman Road

Direction: Westbound

02/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	3	3	0	0	0
01:00	8	5	3	0	0
02:00	2	2	0	0	0
03:00	0	0	0	0	0
04:00	1	1	0	0	0
05:00	0	0	0	0	0
06:00	4	3	1	0	0
07:00	12	10	2	0	0
08:00	23	11	12	0	0
09:00	40	34	6	0	0
10:00	74	70	4	0	0
11:00	93	75	18	0	0
12:00	103	90	13	0	0
13:00	75	59	16	0	0
14:00	67	60	5	2	0
15:00	68	55	12	0	1
16:00	87	72	15	0	0
17:00	44	33	11	0	0
18:00	36	26	10	0	0
19:00	24	23	1	0	0
20:00	28	24	4	0	0
21:00	4	4	0	0	0
22:00	1	1	0	0	0
23:00	2	0	2	0	0
Total					
12H(7-19)	722	595	124	2	1
16H(6-22)	782	649	130	2	1
18H(6-24)	785	650	132	2	1
24H(0-24)	799	661	135	2	1
AM Peak	11:00	11:00	11:00	00:00	00:00
	93	75	18	0	0
PM Peak	12:00	12:00	13:00	14:00	15:00
	103	90	16	2	1

360 TSL Ltd

Direction: Eastbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	4	3	1	0	0
01:00	2	0	2	0	0
02:00	6	6	0	0	0
03:00	0	0	0	0	0
04:00	5	5	0	0	0
05:00	9	7	2	0	0
06:00	6	5	1	0	0
07:00	20	16	4	0	0
08:00	24	17	7	0	0
09:00	65	63	2	0	0
10:00	70	51	18	1	0
11:00	90	71	19	0	0
12:00	85	72	13	0	0
13:00	115	102	13	0	0
14:00	73	56	17	0	0
15:00	73	59	14	0	0
16:00	76	60	16	0	0
17:00	42	25	17	0	0
18:00	67	53	14	0	0
19:00	24	19	5	0	0
20:00	24	18	6	0	0
21:00	8	5	3	0	0
22:00	2	1	1	0	0
23:00	0	0	0	0	0
Total					
12H(7-19)	800	645	154	1	0
16H(6-22)	862	692	169	1	0
18H(6-24)	864	693	170	1	0
24H(0-24)	890	714	175	1	0
AM Peak	11:00	11:00	11:00	10:00	00:00
	90	71	19	1	0
PM Peak	13:00	13:00	14:00	12:00	12:00
	115	102	17	0	0

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	7	6	1	0	0
01:00	10	5	5	0	0
02:00	8	8	0	0	0
03:00	0	0	0	0	0
04:00	6	6	0	0	0
05:00	9	7	2	0	0
06:00	10	8	2	0	0
07:00	32	26	6	0	0
08:00	47	28	19	0	0
09:00	105	97	8	0	0
10:00	144	121	22	1	0
11:00	183	146	37	0	0
12:00	188	162	26	0	0
13:00	190	161	29	0	0
14:00	140	116	22	2	0
15:00	141	114	26	0	1
16:00	163	132	31	0	0
17:00	86	58	28	0	0
18:00	103	79	24	0	0
19:00	48	42	6	0	0
20:00	52	42	10	0	0
21:00	12	9	3	0	0
22:00	3	2	1	0	0
23:00	2	0	2	0	0
Total					
12H(7-19)	1522	1240	278	3	1
16H(6-22)	1644	1341	299	3	1
18H(6-24)	1649	1343	302	3	1
24H(0-24)	1689	1375	310	3	1
AM Peak	11:00	11:00	11:00	10:00	00:00
	183	146	37	1	0
PM Peak	13:00	12:00	16:00	14:00	15:00
	190	162	31	2	1

360 TSL Ltd



# North Wales ATC 15, B5381 Roman Road

Direction: Westbound

03/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	2	0	2	0	0
01:00	1	1	0	0	0
02:00	0	0	0	0	0
03:00	4	1	1	2	0
04:00	0	0	0	0	0
05:00	7	4	2	1	0
06:00	11	11	0	0	0
07:00	39	29	9	0	1
08:00	74	55	19	0	0
09:00	72	55	17	0	0
10:00	61	57	4	0	0
11:00	45	41	4	0	0
12:00	70	56	14	0	0
13:00	79	66	11	2	0
14:00	56	41	14	1	0
15:00	64	45	18	0	1
16:00	76	65	10	1	0
17:00	100	82	17	1	0
18:00	72	56	16	0	0
19:00	41	27	13	1	0
20:00	25	23	2	0	0
21:00	14	13	1	0	0
22:00	15	14	1	0	0
23:00	4	3	1	0	0
Total					
12H(7-19)	808	648	153	5	2
16H(6-22)	899	722	169	6	2
18H(6-24)	918	739	171	6	2
24H(0-24)	932	745	176	9	2
AM Peak	08:00 74	10:00 57	08:00 19	03:00 2	07:00 1
PM Peak	17:00 100	17:00 82	15:00 18	13:00 2	15:00 1

360 TSL Ltd

Direction: Eastbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	2	1	1	0	0
01:00	3	1	2	0	0
02:00	0	0	0	0	0
03:00	0	0	0	0	0
04:00	5	4	0	0	1
05:00	13	12	1	0	0
06:00	37	24	12	0	1
07:00	75	57	18	0	0
08:00	130	106	23	0	1
09:00	74	49	23	1	1
10:00	57	38	17	0	2
11:00	66	57	8	0	1
12:00	59	35	24	0	0
13:00	81	63	16	1	1
14:00	66	43	22	0	1
15:00	86	63	21	1	1
16:00	83	61	21	1	0
17:00	81	60	19	0	2
18:00	35	28	6	0	1
19:00	23	14	8	1	0
20:00	11	8	3	0	0
21:00	8	7	1	0	0
22:00	5	2	3	0	0
23:00	4	3	1	0	0
Total					
12H(7-19)	893	660	218	4	11
16H(6-22)	972	713	242	5	12
18H(6-24)	981	718	246	5	12
24H(0-24)	1004	736	250	5	13
AM Peak	08:00 130	08:00 106	08:00 23	09:00 1	10:00 2
PM Peak	15:00 86	13:00 63	12:00 24	13:00 1	17:00 2

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	4	1	3	0	0
01:00	4	2	2	0	0
02:00	0	0	0	0	0
03:00	4	1	1	2	0
04:00	5	4	0	0	1
05:00	20	16	3	1	0
06:00	48	35	12	0	1
07:00	114	86	27	0	1
08:00	204	161	42	0	1
09:00	146	104	40	1	1
10:00	118	95	21	0	2
11:00	111	98	12	0	1
12:00	129	91	38	0	0
13:00	160	129	27	3	1
14:00	122	84	36	1	1
15:00	150	108	39	1	2
16:00	159	126	31	2	0
17:00	181	142	36	1	2
18:00	107	84	22	0	1
19:00	64	41	21	2	0
20:00	36	31	5	0	0
21:00	22	20	2	0	0
22:00	20	16	4	0	0
23:00	8	6	2	0	0
Total					
12H(7-19)	1701	1308	371	9	13
16H(6-22)	1871	1435	411	11	14
18H(6-24)	1899	1457	417	11	14
24H(0-24)	1936	1481	426	14	15
AM Peak	08:00 204	08:00 161	08:00 42	03:00 2	10:00 2
PM Peak	17:00 181	17:00 142	15:00 39	13:00 3	15:00 2

360 TSL Ltd



# North Wales ATC 15, B5381 Roman Road

Direction: Westbound

04/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	3	2	1	0	0
01:00	2	1	1	0	0
02:00	0	0	0	0	0
03:00	0	0	0	0	0
04:00	1	1	0	0	0
05:00	1	0	0	0	1
06:00	16	14	1	1	0
07:00	22	14	7	0	1
08:00	69	54	15	0	0
09:00	56	42	12	1	1
10:00	48	33	14	0	1
11:00	37	30	7	0	0
12:00	78	64	13	1	0
13:00	57	47	9	0	1
14:00	59	43	16	0	0
15:00	67	56	11	0	0
16:00	88	77	9	1	1
17:00	124	98	24	2	0
18:00	56	45	11	0	0
19:00	22	20	2	0	0
20:00	31	29	2	0	0
21:00	22	20	2	0	0
22:00	15	15	0	0	0
23:00	2	1	1	0	0
Total					
12H(7-19)	761	603	148	5	5
16H(6-22)	852	686	155	6	5
18H(6-24)	869	702	156	6	5
24H(0-24)	876	706	158	6	6
AM Peak	08:00 69	08:00 54	08:00 15	06:00 1	05:00 1
PM Peak	17:00 124	17:00 98	17:00 24	17:00 2	13:00 1

360 TSL Ltd

Direction: Eastbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	1	1	0	0	0
01:00	1	0	1	0	0
02:00	1	1	0	0	0
03:00	0	0	0	0	0
04:00	2	1	0	0	1
05:00	4	3	0	0	1
06:00	28	19	7	1	1
07:00	87	46	38	1	2
08:00	99	75	23	1	0
09:00	57	33	22	1	1
10:00	91	64	26	0	1
11:00	75	55	14	2	4
12:00	62	39	22	1	0
13:00	65	61	4	0	0
14:00	65	51	9	1	4
15:00	70	58	10	0	2
16:00	89	60	28	0	1
17:00	60	45	13	0	2
18:00	63	53	10	0	0
19:00	29	24	5	0	0
20:00	14	12	1	1	0
21:00	16	13	3	0	0
22:00	6	5	1	0	0
23:00	2	1	1	0	0
Total					
12H(7-19)	883	640	219	7	17
16H(6-22)	970	708	235	9	18
18H(6-24)	978	714	237	9	18
24H(0-24)	987	720	238	9	20
AM Peak	08:00 99	08:00 75	07:00 38	11:00 2	11:00 4
PM Peak	16:00 89	13:00 61	16:00 28	12:00 1	14:00 4

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	4	3	1	0	0
01:00	3	1	2	0	0
02:00	1	1	0	0	0
03:00	0	0	0	0	0
04:00	3	2	0	0	1
05:00	5	3	0	0	2
06:00	44	33	8	2	1
07:00	109	60	45	1	3
08:00	168	129	38	1	0
09:00	113	75	34	2	2
10:00	139	97	40	0	2
11:00	112	85	21	2	4
12:00	140	103	35	2	0
13:00	122	108	13	0	1
14:00	124	94	25	1	4
15:00	137	114	21	0	2
16:00	177	137	37	1	2
17:00	184	143	37	2	2
18:00	119	98	21	0	0
19:00	51	44	7	0	0
20:00	45	41	3	1	0
21:00	38	33	5	0	0
22:00	21	20	1	0	0
23:00	4	2	2	0	0
Total					
12H(7-19)	1644	1243	367	12	22
16H(6-22)	1822	1394	390	15	23
18H(6-24)	1847	1416	393	15	23
24H(0-24)	1863	1426	396	15	26
AM Peak	08:00 168	08:00 129	07:00 45	06:00 2	11:00 4
PM Peak	17:00 184	17:00 143	16:00 37	12:00 2	14:00 4

360 TSL Ltd



North Wales ATC 15, B5381 Roman Road

Direction: Westbound

Year	Total Value	Bib	Mean	Standard	2012									
					Bib-1	Bib-2	Bib-3	Bib-4	Bib-5	Bib-6	Bib-7	Bib-8	Bib-9	Bib-10
00:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0
00:05	1	-	215	-	0	0	0	0	0	0	0	0	0	0
00:10	1	-	-	-	0	0	0	0	0	0	1	0	0	0
00:15	7	225	225	0.0	0	0	0	0	0	0	0	0	0	0
00:20	2	437	400	3.5	0	0	0	0	0	0	0	0	0	0
00:25	1	315	315	0.0	0	0	0	0	0	1	1	0	0	0
00:30	28	380	329	5.0	0	0	0	3	6	8	8	0	0	0
00:35	6	427	448	7.0	0	0	0	0	0	0	0	0	0	0
00:40	78	408	314	9.0	0	0	4	26	4	12	17	13	1	1
00:45	39	463	389	7.0	0	0	1	43	1	1	1	1	1	1
00:50	74	380	311	7.6	0	0	0	9	5	17	17	20	4	2
00:55	133	370	314	6.0	0	0	0	8	1	1	1	1	1	1
01:00	66	373	285	7.1	0	0	2	4	17	8	16	16	3	0
01:05	82	364	280	7.1	0	0	1	7	21	10	31	5	7	0
01:10	39	380	316	6.4	0	0	0	0	0	0	0	0	0	0
01:15	119	384	325	6.6	0	0	0	5	16	24	36	29	7	2
01:20	68	378	318	6.7	0	0	0	0	0	0	0	0	0	0
01:25	64	391	320	6.9	0	0	0	2	11	12	12	4	4	1
01:30	22	462	326	7.4	0	0	0	0	0	0	0	0	0	0
01:35	20	419	365	5.2	0	0	0	0	0	4	3	13	4	1
01:40	15	415	375	4.4	0	0	0	0	0	1	4	8	8	0
01:45	8	395	356	3.7	0	0	0	0	0	0	0	0	0	0
01:50	4	426	342	7.1	0	0	0	0	1	1	0	3	1	0
01:55	0	-	-	-	0	0	0	0	0	0	0	0	0	0
Total														
PEAK 12	545	377	301	7.4	0	0	1	35	18	42	26	32	9	2
	171	385	315	7.1	0	0	1	9	26	32	59	27	12	4
PEAK 14	130	381	316	7.1	0	0	0	0	0	0	0	0	0	0
	130	381	316	7.1	0	0	0	0	0	0	0	0	0	0
PEAK 24	1104	395	319	7.1	0	0	4	55	157	198	281	293	83	29
	0	-	-	-	0	0	0	0	0	0	0	0	0	0
PH Peak	08:00	85	05:00	00:00	00:00	00:00	10:00	10:00	14:00	14:00	16:00	16:00	17:00	14:00
	08:00	85	43.7	40.0	9.2	0	0	1	9	26	25	26	24	13
PH Peak	17:00	21:00	20:00	10:00	10:00	12:00	12:00	14:00	14:00	16:00	16:00	17:00	14:00	17:00

360 TSL Ltd

Direction: Eastbound

New Orders	Total Value	B2B Percentage		B2C Standard Deviation	Sales by Month												
		Percentage	Value		Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	
0:00	1	42.8	42.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0:00	1	41.8	35.8	5.8	0	0	0	0	0	0	0	0	0	0	1	0	0
0:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0:00	0	37.7	32.7	5.7	0	0	0	0	0	0	0	0	0	0	1	0	0
0:00	8	38.5	35.6	3.7	0	0	0	0	0	0	0	0	0	0	1	1	0
0:00	21	42.2	35.6	6.4	0	0	0	0	0	0	0	0	0	0	0	0	0
0:00	9	42.2	35.6	6.4	0	0	0	0	0	0	0	0	0	0	0	0	0
0:00	101	42.2	35.6	6.2	0	0	1	4	5	30	43	12	7	0	0	0	0
0:00	1	37.7	32.7	5.7	0	0	0	0	0	0	0	0	0	0	0	0	0
0:00	44	37.2	31.9	5.1	0	0	0	0	0	4	35	26	17	6	0	0	0
0:00	13	37.2	31.9	5.1	0	0	0	0	0	0	0	0	0	0	0	0	0
0:00	69	38.4	34.5	4.7	0	0	0	0	0	1	11	22	31	2	2	0	0
0:00	80	38.0	32.4	5.4	0	0	0	1	5	21	26	22	5	0	0	0	0
0:00	4	37.2	31.9	5.1	0	0	0	0	0	0	0	0	0	0	0	0	0
0:00	75	37.3	32.5	5.3	0	0	0	0	1	21	28	22	2	0	0	0	0
0:00	40	34.3	34.3	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0
0:00	81	42.0	33.6	8.1	0	0	4	0	6	11	24	21	35	4	1	0	0
0:00	37	42.0	33.6	8.1	0	0	0	0	0	0	0	0	0	0	0	0	0
0:00	42	42.2	35.6	6.3	0	0	0	0	0	1	5	19	5	8	4	0	0
0:00	26	41.0	35.3	5.3	0	0	0	0	1	2	2	9	2	0	0	0	0
0:00	31	37.7	32.7	5.7	0	0	0	0	0	0	0	0	0	0	0	0	0
0:00	11	46.0	38.4	7.4	0	0	0	0	0	0	0	0	0	0	0	0	0
0:00	1	49.8	43.5	7.1	0	0	0	0	0	0	0	0	0	0	0	0	0
Total																	
2013-12	139	39.6	33.4	5.9	0	0	0	0	5	41	41	32	15	5	0	0	0
2014-01	124	37.2	32.3	4.7	0	0	0	0	5	32	51	27	6	0	0	0	0
2014-02	106	37.2	32.3	4.7	0	0	0	0	3	31	59	35	9	0	0	0	0
2014-03	102	40.2	34.1	6.0	0	0	0	5	8	42	186	362	312	109	36	2	0
New Order																	
Feb 16	0:00	21.0	10.0	6.4	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00
Mar 16	0:00	42.8	4		0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00

360 TSL Ltd

Direction: Total Flow

[illegible]

360 TSL Ltd



North Wales ATC 15, B5381 Roman Road

Direction: Westbound

29/04/2022																			
Hour Beginning	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5-10	Bin 3 10-15	Bin 4 15-20	Bin 5 20-25	Bin 6 25-30	Bin 7 30-35	Bin 8 35-40	Bin 9 40-45	Bin 10 45-50	Bin 11 50-55	Bin 12 >55			
00:00	1	-	37.5	-	0	0	0	0	0	0	0	0	0	0	0	0			
01:00	1	-	52.5	-	0	0	0	0	0	0	0	0	0	0	0	1			
02:00	1	-	52.5	-	0	0	0	0	0	0	0	0	0	0	0	1			
03:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0			
04:00	1	-	22.5	-	0	0	0	0	1	0	0	0	0	0	0	0			
05:00	1	-	37.5	-	0	0	0	0	0	0	1	0	0	1	0	0			
06:00	10	41.5	30.5	10.6	0	0	0	0	5	1	1	1	1	1	0	1			
07:00	86	43.2	36.1	6.8	0	0	0	0	1	2	3	3	3	8	1	0			
08:00	91	42.5	34.4	7.9	0	0	0	7	9	4	19	30	39	3	0	0			
09:00	77	42.4	33.7	9.3	0	0	1	4	16	2	16	16	34	7	0	0			
10:00	57	37.8	30.8	6.8	0	0	0	1	16	8	10	20	2	0	0	0			
11:00	76	35.1	28.4	6.6	0	0	2	3	22	14	27	4	4	0	0	0			
12:00	69	38.1	31.1	6.7	0	0	0	2	12	15	22	32	4	2	0	0			
13:00	87	38.7	31.4	7.0	0	1	0	2	15	16	24	20	9	0	0	0			
14:00	72	39.3	32.3	6.8	0	0	0	7	2	13	21	23	6	0	0	0			
15:00	61	40.0	31.4	8.2	0	0	0	6	9	11	12	15	6	1	1	0			
16:00	119	40.3	32.9	7.1	0	0	1	1	18	12	47	23	13	5	1	0			
17:00	117	39.2	31.9	7.0	0	0	1	5	17	14	38	33	6	3	0	0			
18:00	98	40.2	33.5	6.4	0	0	0	1	10	14	36	21	34	1	1	0			
19:00	59	39.7	32.8	6.7	0	0	0	2	3	7	11	11	5	0	0	0			
20:00	7	41.8	36.1	5.6	0	0	0	0	0	1	2	2	2	0	0	0			
21:00	8	39.6	33.1	6.2	0	0	0	0	1	1	3	2	1	0	0	0			
22:00	14	44.7	35.7	8.7	0	0	0	0	0	5	4	0	1	4	0	0			
23:00	5	40.3	33.5	6.5	0	0	0	0	1	0	1	3	0	0	0	0			
Total	133	36.4	29.4	6.7	0	0	2	4	38	22	37	24	6	0	0	0			
2H(14-16)	133	39.6	31.9	7.5	0	0	0	13	11	24	33	38	12	1	1	0			
12H(7-19)	968	40.0	32.3	7.4	0	1	5	39	147	132	275	228	304	25	4	0			
24H(0-24)	3040	40.1	32.4	7.5	0	1	5	41	158	147	297	249	114	29	7	0			
AM Peak	08:00	09:00	01:00	06:00	00:00	00:00	11:00	08:00	11:00	11:00	11:00	08:00	08:00	09:00	01:00	00:00			
	91	43.4	52.5	10.6	0	0	2	7	22	14	27	30	19	7	1	0			
PM Peak	16:00	22:00	20:00	22:00	12:00	13:00	16:00	14:00	16:00	13:00	16:00	17:00	18:00	16:00	15:00	12:00			
	119	45.7	35.1	8.7	0	1	1	7	18	16	47	33	34	5	1	0			

360 TSL Ltd

Direction: Eastbound

Hour Beginning	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5-10	Bin 3 10-15	Bin 4 15-20	Bin 5 20-25	Bin 6 25-30	Bin 7 30-35	Bin 8 35-40	Bin 9 40-45	Bin 10 45-50	Bin 11 50-55	Bin 12 >55			
00:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0			
01:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0			
02:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0			
03:00	1	-	42.5	-	0	0	0	0	0	0	0	0	1	0	0	0			
04:00	3	33.8	30.8	2.9	0	0	0	0	0	1	2	0	0	0	0	0			
05:00	14	39.3	37.5	2.0	0	0	0	0	0	0	1	3	1	0	0	0			
06:00	19	41.2	36.4	4.6	0	0	0	0	0	2	4	9	4	0	0	0			
07:00	59	43.6	38.3	5.1	0	0	0	0	1	1	11	26	34	6	0	0			
08:00	205	41.5	35.6	5.6	0	0	1	0	3	32	32	43	35	2	1	0			
09:00	44	37.0	30.7	6.1	0	0	1	3	1	11	19	8	1	0	0	0			
10:00	62	36.4	31.9	6.3	0	0	1	5	18	21	30	6	1	0	0	0			
11:00	79	36.4	30.7	5.6	0	0	0	13	23	28	11	3	1	0	0	0			
12:00	66	39.4	34.6	4.6	0	0	0	0	2	5	31	39	9	0	0	0			
13:00	91	40.2	34.4	6.0	0	0	1	2	19	29	23	34	3	0	0	0			
14:00	51	40.8	33.5	7.1	0	0	0	2	2	14	12	9	11	1	0	0			
15:00	62	38.5	33.0	6.3	0	0	0	0	6	11	35	22	7	0	0	0			
16:00	74	41.1	34.8	6.0	0	0	0	0	5	11	18	28	9	3	0	0			
17:00	69	39.3	34.0	5.1	0	0	0	0	3	14	16	31	9	0	0	0			
18:00	48	39.3	33.6	5.5	0	0	0	0	2	11	16	12	7	0	0	0			
19:00	46	42.4	33.6	8.5	0	0	0	0	12	5	5	14	5	5	0	0			
20:00	17	39.6	32.2	7.2	0	0	0	0	5	2	8	1	0	0	0	0			
21:00	4	31.3	28.8	2.5	0	0	0	0	0	3	1	0	0	0	0	0			
22:00	2	28.7	26.0	3.5	0	0	0	0	0	1	1	0	0	0	0	0			
23:00	3	38.7	30.8	7.6	0	0	0	0	1	0	1	1	0	0	0	0			
Total	141	37.3	31.2	5.9	0	0	1	0	18	41	49	21	9	2	0	0			
2H(14-16)	133	39.4	33.2	6.0	0	0	0	2	10	25	47	30	38	1	0	0			
12H(7-19)	830	40.1	33.9	6.0	0	0	3	6	47	146	268	241	331	17	1	0			
24H(0-24)	959	40.2	33.9	6.1	0	0	3	6	66	159	284	285	113	32	1	0			
AM Peak	08:00	07:00	03:00	10:00	00:00	00:00	08:00	09:00	11:00	11:00	08:00	08:00	08:00	07:00	08:00	00:00			
	195	43.6	42.5	8.8	0	0	1	3	13	23	32	43	31	8	1	0			
PM Peak	13:00	19:00	16:00	18:00	12:00	13:00	12:00	14:00	19:00	13:00	15:00	17:00	13:00	19:00	12:00	12:00			
	91	45.4	35.8	8.5	0	0	0	2	12	13	35	31	34	5	0	0			

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5-10	Bin 3 10-15	Bin 4 15-20	Bin 5 20-25	Bin 6 25-30	Bin 7 30-35	Bin 8 35-40	Bin 9 40-45	Bin 10 45-50	Bin 11 50-55	Bin 12 >55	
00:00	1	-	52.5	-	0	0	0	0	0	0	0	0	0	0	0	1	
01:00	1	-	52.5	-	0	0	0	0	0	0	0	0	0	0	0	1	
02:00	1	-	42.5	-	0	0	0	0	0	0	0	0	0	1	0	0	
03:00	4	33.7	28.8	4.8	0	0	0	0	0	1	1	2	0	0	0	0	
04:00	15	39.5	37.5	1.9	0	0	0	0	0	0	1	13	1	0	0	0	
05:00	29	42.3	34.4	7.6	0	0	0	0	5	3	5	30	5	0	1	0	
06:00	95	43.6	37.5	5.9	0	0	0	2	10	14	38	22	9	0	0	0	
08:00	196	42.1	35.0	6.8	0	0	1	7	12	12	51	73	34	5	1	0	
09:00	121	41.3	32.6	8.4	0	0	2	7	13	23	35	24	45	7	1	0	
10:00	119	38.2	31.4	6.5	0	0	1	1	21	26	31	30	8	1	0	0	
11:00	155	35.9	29.5	6.2	0	0	2	3	25	37	55	15	7	0	0	0	
12:00	155	39.1	32.8	6.0	0	0	0	2	14	20	53	31	13	2	0	0	
13:00	178	39.8	32.9	6.7	0	0	1	0	3	17	35	53	43	23	1	0	
14:00	123	39.9	31.8	6.9	0	0	0	9	4	27	33	32	17	1	0	0	
15:00	143	39.3	32.3	6.7	0	0	0	6	17	22	47	36	13	1	1	0	
16:00	153	40.7	33.6	6.8	0	0	1	1	23	23	65	23	8	1	0	0	
17:00	186	39.4	32.7	6.4	0	0	1	5	20	28	54	64	11	3	0	0	
18:00	146	39.9	33.5	6.1	0	0	0	1	13	25	52	33	21	0	0	0	
19:00	85	41.2	33.2	7.7	0	0	2	15	12	16	25	30	10	5	0	0	
20:00	24	40.4	33.3	6.9	0	0	0	5	2	4	10	3	0	0	0	0	
21:00	32	37.4	31.7	5.6	0	0	0	1	4	4	2	0	0	0	0	0	
22:00	16	43.6	34.4	8.9	0	0	0	1	6	4	0	1	4	0	0	0	
23:00	8	39.1	32.5	6.5	0	0	0	0	2	0	0	0	0	0	0	0	
Total																	
2019-12-15	274	36.9	30.3	6.4	0	0	3	4	56	63	86	45	15	2	0	0	
2019-12-16	266	39.6	32.5	6.8	0	0	0	15	21	49	80	68	30	2	1	0	
2019-12-17	1790	40.1	33.7	6.1	1	1	40	43	178	548	1140	680	421	10	0	0	
2019-12-18	1987	40.1	33.1	6.9	0	0	1	8	47	224	306	581	334	227	51	8	0
AM Peak	08:00	07:00	05:00	00:00	00:00	00:00	08:00	08:00	11:00	11:00	14:00	14:00	17:00	17:00	07:00	01:00	00:00
PM Peak	18:00	17:00	15:00	12:00	12:00	13:00	16:00	16:00	19:00	19:00	22:00	22:00	01:00	01:00	15:00	12:00	
	195	41.6	34.4	8.0					20	35	65	46	20				



North Wales ATC 15, B5381 Roman Road

Direction: Westbound

30/04/2022																
Hour Beginning	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5-10	Bin 3 10-15	Bin 4 15-20	Bin 5 20-25	Bin 6 25-30	Bin 7 30-35	Bin 8 35-40	Bin 9 40-45	Bin 10 45-50	Bin 11 50-55	Bin 12 >55
00:00	5	40.7	32.5	7.9	0	0	0	0	0	1	1	1	1	0	0	0
01:00	1	-	42.5	-	0	0	0	0	0	0	0	0	0	0	0	0
02:00	2	38.7	35.0	3.5	0	0	0	0	0	0	1	1	0	0	0	0
03:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
04:00	2	33.7	30.0	3.5	0	0	0	0	0	0	1	1	0	0	0	0
05:00	3	39.0	31.3	7.5	0	0	0	0	0	0	0	1	0	0	0	0
06:00	7	39.7	34.6	4.9	0	0	0	0	0	0	2	0	5	0	0	0
07:00	15	43.2	32.5	10.4	0	0	0	0	1	4	3	0	2	3	0	0
08:00	34	41.6	33.2	8.1	0	0	0	0	0	8	2	13	2	6	3	0
09:00	71	38.3	31.6	6.5	0	0	0	0	0	15	12	24	11	9	0	0
10:00	93	38.8	31.6	6.9	0	0	0	3	15	17	28	25	3	1	0	1
11:00	89	37.7	29.7	7.7	0	0	3	6	15	24	15	39	6	1	0	0
12:00	102	37.5	31.6	5.6	0	0	1	3	8	18	47	22	2	1	0	0
13:00	90	37.4	28.9	8.2	0	0	0	15	20	15	14	19	5	2	0	0
14:00	83	38.6	29.5	8.2	0	0	1	7	20	21	11	50	12	1	0	0
15:00	76	39.7	31.3	8.1	0	0	1	7	11	12	15	20	9	1	0	0
16:00	108	38.6	31.8	8.5	0	0	0	1	11	23	32	32	5	1	0	0
17:00	58	42.6	33.2	9.1	0	0	1	5	6	9	8	34	11	4	0	0
18:00	33	40.9	32.0	8.5	0	0	0	3	4	6	9	5	3	3	0	0
19:00	27	41.5	32.7	4.0	0	0	0	0	0	1	5	13	3	0	0	0
20:00	16	41.9	34.4	7.3	0	0	0	0	2	2	4	6	0	2	0	0
21:00	8	39.8	33.8	5.8	0	0	0	0	0	3	1	3	1	0	0	0
22:00	11	41.9	36.1	5.5	0	0	0	0	0	2	2	4	3	0	0	0
23:00	2	39.8	32.5	7.1	0	0	0	0	0	0	1	0	1	0	0	0
Total																
2H(10-12)	182	38.3	30.7	7.4	0	0	3	9	30	41	43	44	9	2	0	1
2H(14-16)	159	38.8	30.4	8.1	0	0	2	14	31	33	26	30	21	2	0	0
12H(7-19)	882	39.0	31.1	7.6	0	0	18	51	137	162	236	181	74	20	0	1
24H(0-24)	937	39.3	31.5	7.5	0	0	10	51	140	178	231	235	89	22	0	1
AM Peak	10:00	07:00	03:00	07:00	00:00	00:00	11:00	11:00	09:00	11:00	10:00	10:00	09:00	08:00	00:00	10:00
	93	43.2	42.5	10.4	0	0	3	6	15	24	28	25	9	3	0	1
PM Peak	16:00	17:00	19:00	17:00	12:00	12:00	16:00	13:00	13:00	16:00	12:00	16:00	14:00	17:00	12:00	12:00
	108	42.6	37.7	9.1	0	0	3	15	25	23	47	32	32	4	0	0

360 TSL Ltd

Direction: Eastbound

Hour	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5-10	Bin 3 10-15	Bin 4 15-20	Bin 5 20-25	Bin 6 25-30	Bin 7 30-35	Bin 8 35-40	Bin 9 40-45	Bin 10 45-50	Bin 11 50-55	Bin 12 >55
00:00	3	36.5	27.5	8.7	0	0	0	0	2	0	0	1	0	0	0	0
01:00	1	-	17.5	-	0	0	0	0	1	0	0	0	0	0	0	0
02:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
03:00	2	37.5	37.5	0.0	0	0	0	0	0	0	2	0	0	0	0	0
04:00	2	49.8	42.5	7.1	0	0	0	0	0	0	0	1	0	1	0	0
05:00	2	33.7	30.0	3.5	0	0	0	0	0	1	1	0	0	0	0	0
06:00	15	41.5	34.5	6.8	0	0	0	1	0	1	7	2	4	0	0	0
07:00	31	42.6	35.1	7.3	0	1	0	0	1	2	9	12	5	1	0	0
08:00	31	42.1	35.7	6.1	0	0	0	0	0	1	5	7	11	5	2	0
09:00	80	37.8	31.1	6.5	0	0	4	0	2	30	19	23	1	1	0	0
10:00	54	36.4	32.6	5.6	0	0	1	1	3	7	22	19	1	0	0	0
11:00	76	39.5	31.4	7.8	0	0	0	5	15	10	20	15	9	2	0	0
12:00	48	37.0	32.7	4.1	0	0	0	0	1	11	22	13	1	0	0	0
13:00	55	39.9	32.8	6.9	0	0	0	1	7	7	11	13	18	3	1	0
14:00	80	40.5	33.3	7.0	0	0	0	1	11	8	31	38	6	4	1	0
15:00	85	40.6	34.0	6.3	0	0	0	0	7	15	26	22	13	1	0	0
16:00	56	42.2	33.5	7.5	0	1	0	0	0	5	10	16	16	5	2	0
17:00	63	40.2	33.8	8.2	0	0	0	0	1	3	10	26	16	2	5	0
18:00	45	42.2	35.9	6.0	0	0	0	0	0	1	8	10	12	13	1	0
19:00	30	39.5	34.7	4.7	0	0	0	0	0	1	4	8	15	2	0	0
20:00	25	41.5	34.1	7.2	0	0	0	0	0	0	8	4	5	5	1	0
21:00	11	37.9	32.0	5.7	0	0	0	0	0	0	1	6	3	0	0	0
22:00	9	44.1	38.1	5.8	0	0	0	0	0	0	2	6	0	0	0	0
23:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
Total																
2H(10-12)	130	39.1	31.9	7.0	0	0	1	6	18	17	42	34	10	2	0	0
2H(14-16)	165	40.5	33.7	4.6	0	0	0	1	18	23	57	40	19	5	2	0
12H(7-19)	704	40.1	33.2	6.7	0	2	5	9	57	127	231	195	64	30	4	0
24H(0-24)	804	40.2	33.3	6.6	0	2	5	13	60	142	249	231	75	32	5	0
AM Peak	09:00	04:00	04:00	00:00	00:00	07:00	09:00	11:00	11:00	09:00	10:00	09:00	11:00	08:00	00:00	00:00
	80	49.8	42.5	8.7	0	1	4	5	19	39	28	33	9	2	0	0
PM Peak	15:00	22:00	23:00	16:00	12:00	16:00	13:00	14:00	15:00	14:00	15:00	15:00	17:00	13:00	12:00	12:00
	85	44.1	38.1	7.5	0	1	0	1	15	15	31	22	18	5	1	0

360 TSL Ltd

Direction: Total Flow

30/04/2022																
Hour Beginning	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5-10	Bin 3 10-15	Bin 4 15-20	Bin 5 20-25	Bin 6 25-30	Bin 7 30-35	Bin 8 35-40	Bin 9 40-45	Bin 10 45-50	Bin 11 50-55	Bin 12 >55
00:00	8	38.3	30.6	8.0	0	0	0	1	0	0	0	0	0	0	0	0
01:00	2	38.7	35.0	3.5	0	0	0	0	0	1	1	0	0	0	0	0
02:00	2	37.5	37.5	0.0	0	0	0	0	0	0	2	0	0	0	0	0
03:00	4	45.2	36.5	8.5	0	0	0	0	0	1	1	1	0	0	0	0
04:00	6	37.1	30.8	6.1	0	0	0	0	0	4	1	0	1	0	0	0
05:00	22	40.9	34.5	6.1	0	0	0	1	0	3	7	7	4	0	0	0
06:00	46	42.9	34.2	8.4	0	1	0	1	5	5	9	14	8	3	0	0
07:00	65	42.0	34.4	7.3	0	0	0	0	9	7	20	13	11	5	0	0
08:00	151	38.0	31.3	6.4	0	0	4	0	17	42	43	34	10	1	0	0
09:00	147	38.7	32.0	6.5	0	0	1	4	18	24	50	44	4	1	0	1
10:00	165	38.5	30.5	7.8	0	0	3	11	30	34	35	34	6	0	0	0
11:00	150	37.4	32.0	5.2	0	0	1	3	9	29	69	35	3	1	0	0
12:00	145	38.5	30.4	7.9	0	0	0	16	27	26	27	37	8	5	1	0
13:00	163	39.5	31.4	7.8	0	0	1	8	21	29	42	28	18	5	1	0
14:00	161	40.3	32.7	7.3	0	0	1	7	18	27	41	42	22	2	1	0
15:00	164	39.5	32.4	6.9	0	1	3	15	33	48	48	48	30	3	1	0
16:00	121	41.5	33.5	7.7	0	0	0	1	6	9	19	34	30	13	9	0
17:00	78	41.9	34.3	7.4	0	0	0	3	5	14	19	17	16	4	0	0
18:00	57	40.9	36.1	4.6	0	0	0	0	1	5	13	28	10	0	0	0
19:00	41	41.6	34.2	7.1	0	0	0	1	2	10	8	12	5	3	0	0
20:00	19	38.4	33.8	5.6	0	0	0	0	0	7	6	1	0	0	0	0
21:00	20	42.8	37.0	5.6	0	0	0	0	0	2	4	10	3	0	1	0
22:00	2	39.8	32.5	7.1	0	0	0	0	0	1	0	1	0	0	0	0
Total																
2016-18	312	38.7	31.2	7.2	0	4	15	48	58	85	78	19	4	0	1	0
2019-21	324	39.9	32.1	7.2	0	0	3	15	49	56	83	70	40	7	2	0
2022-24	186	41.2	33.1	7.6	0	0	1	15	60	108	208	87	118	40	1	0
2025-27	1741	39.8	32.4	7.2	0	2	15	64	200	320	480	446	164	44	5	1
AM Peak	11:00	01:00	05:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00
	11	2	12	17	17	17	17	17	17	17	17	17	17	17	17	17
PM Peak	18:00	22:00	22:00	01:00	12:00	16:00	16:00	13:00	04:00	06:00	12:00	16:00	15:00	17:00	13:00	12:00
	184	42	11.0	1.0	8	1	1	31	40	46	46	46	46	46	46	46



North Wales ATC 15, B5381 Roman Road

Direction: Westbound

Pier	Total	Sep 2022										Oct 2022									
		00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00
00:00	4	42.5	42.5	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
01:00	4	46.2	42.5	3.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
02:00	1	-	27.5	-	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
04:00	1	-	32.5	-	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
06:00	10	45.5	40.5	4.8	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	
07:00	9	51.3	43.4	8.4	0	0	0	0	1	0	1	2	0	0	0	0	0	0	0	0	
08:00	8	45.9	39.5	6.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
09:00	30	40.5	32.8	8.2	0	0	0	0	4	3	4	4	1	0	0	0	0	0	0	0	
10:00	3	39.3	33.3	7.3	0	0	0	0	1	1	1	2	0	0	0	0	0	0	0	0	
11:00	85	36.4	28.8	7.3	0	0	1	7	19	25	16	12	2	3	0	0	0	0	0	0	
12:00	3	35.4	32.7	6.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
13:00	63	37.9	30.2	7.5	0	0	1	2	18	8	55	11	6	0	0	0	0	0	0	0	
14:00	82	40.2	33.5	6.4	0	0	0	1	3	3	19	20	31	1	0	0	0	0	0	0	
15:00	85	35.5	32.1	6.3	0	0	0	0	0	4	17	15	13	0	0	0	0	0	0	0	
16:00	70	41.8	33.3	8.2	0	0	0	0	4	10	10	11	12	12	4	0	0	0	0	0	
17:00	40	41.2	34.8	6.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
18:00	30	40.9	34.3	6.4	0	0	0	0	3	5	5	5	3	0	0	0	0	0	0	0	
19:00	30	40.4	33.5	7.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
20:00	28	41.1	35.9	6.9	0	0	0	0	0	5	12	3	3	1	0	0	0	0	0	0	
21:00	3	41.2	37.5	3.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
22:00	2	47.5	47.5	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
23:00	1	38.7	35.8	3.5	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	
Total																					
Pier4-12		152	37.7	29.9	7																

360 TSL Ltd

Direction: Eastbound

[illegible]

360 TSL Ltd

Direction: Total Flow

Hour	Region	Total	East	West	Standard	East	West	East	West	East	West	East	West	East	West	East	West	East	West
		Value	Value	Value	Value	12-13	13-14	14-15	15-16	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25	
00:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	7	46.1	38.9	6.9	0	0	0	0	0	0	1	1	1	1	1	1	0	0	0
02:00	4	41.4	36.8	4.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	4	43.0	33.8	9.1	0	0	0	0	0	0	2	3	0	0	0	0	0	0	0
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:00	15	46.2	35.2	10.7	0	0	2	0	0	0	2	1	2	8	8	0	0	0	0
07:00	9	44.2	37.3	6.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:00	46	44.3	33.6	7.4	0	0	0	0	0	5	12	11	9	4	5	0	0	0	0
09:00	4	46.7	32.9	5.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10:00	116	40.2	32.4	7.5	0	1	1	6	14	13	28	42	9	2	0	0	0	0	0
11:00	369	37.9	31.0	6.7	0	0	0	1	9	20	38	51	38	5	0	0	0	0	0
12:00	177	36.8	30.3	6.5	0	0	0	0	0	7	20	35	46	12	2	0	0	0	0
13:00	154	38.7	32.8	6.7	0	0	1	2	24	33	50	30	13	2	0	0	0	0	0
14:00	98	39.8	33.8	6.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15:00	146	39.2	33.0	7.1	0	2	1	2	14	40	35	36	15	0	0	0	0	0	0
16:00	144	41.4	34.0	7.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:00	84	41.9	35.0	6.7	0	0	0	0	2	3	11	24	30	10	3	0	0	0	0
18:00	80	44.0	34.1	6.1	0	0	0	0	0	8	11	26	9	1	0	0	0	0	0
19:00	12	42.6	38.1	8.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20:00	44	41.8	35.7	5.9	0	0	0	0	0	6	18	11	4	0	0	0	0	0	0
21:00	8	41.2	37.5	3.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22:00	4	46.7	35.8	4.8	0	0	0	0	0	0	0	0	1	1	2	0	0	0	0
23:00	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0
Total																			
2016-12	282	38.9	31.6	7.1	0	0	1	2	15	34	51	79	80	14	6	0	0	0	0
2017-12	280	39.5	32.6	6.7	0	0	2	8	9	21	60	81	78	27	2	0	0	0	0
2018-12	280	39.5	32.6	6.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2019-12	1533	40.2	33.2	6.8	0	0	3	10	37	120	262	467	439	147	41	5	2	0	0
AHP-24																			
11:00	156	40.0	33.0	06.0	00.00	0	10.00	10.00	12.00	13.00	15.00	17.00	16.00	13.00	07.00	00.00	0.00	0.00	0.00
12:00	156	41.2	40.0	10.7	0	0	1	2	9	20	38	51	42	9	5	1	0	0	0
13:00	156	42.0	22.00	09.00	12.00	15.00	12.00	12.00	13.00	15.00	17.00	12.00	16.00	20.00	13.00	17.00	1	0	0

360 TSL Ltd



North Wales ATC 15, B5381 Roman Road

Direction: Westbound																	02/05/2022
Hour	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5-10	Bin 3 10-15	Bin 4 15-20	Bin 5 20-25	Bin 6 25-30	Bin 7 30-35	Bin 8 35-40	Bin 9 40-45	Bin 10 45-50	Bin 11 50-55	Bin 12 >55	
00:00	3	42.5	42.5	0.0	0	0	0	0	0	0	0	0	0	0	0	0	
01:00	8	45.3	42.5	2.7	0	0	0	0	0	0	0	0	1	6	1	0	
02:00	2	27.5	27.5	0.0	0	0	0	0	0	2	0	0	0	0	0	0	
03:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0	
04:00	1	-	32.5	-	0	0	0	0	0	0	1	0	0	0	0	0	
05:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0	
06:00	4	44.8	37.5	7.1	0	0	0	0	0	0	0	1	2	0	0	0	
07:00	12	52.6	43.8	8.6	0	0	0	0	0	1	0	1	0	8	1	0	
08:00	23	36.3	29.9	6.2	0	0	0	0	0	7	5	4	7	0	0	0	
09:00	40	41.5	34.3	7.0	0	0	0	0	0	2	2	8	4	16	0	0	
10:00	74	39.6	31.7	7.6	0	0	0	0	4	17	5	18	23	5	2	0	
11:00	93	36.6	29.3	7.0	0	0	0	1	8	17	25	19	38	5	0	0	
12:00	103	38.2	32.5	5.5	0	0	1	1	11	17	7	52	26	5	0	0	
13:00	75	37.5	30.7	6.6	0	0	1	2	14	16	17	23	2	0	0	0	
14:00	67	39.9	32.0	7.6	0	0	1	6	6	9	16	23	5	1	0	0	
15:00	68	39.5	31.4	7.9	0	1	1	2	7	20	14	14	8	0	1	0	
16:00	87	40.1	35.9	7.9	0	0	0	4	18	14	19	35	13	3	0	0	
17:00	44	41.8	35.2	6.3	0	0	0	1	3	6	3	23	8	0	0	0	
18:00	36	41.5	35.7	5.6	0	0	0	0	0	2	5	3	21	4	1	0	
19:00	24	42.2	35.4	6.6	0	0	0	0	1	2	4	12	3	1	0	0	
20:00	28	43.4	36.3	6.9	0	0	0	0	0	3	15	2	2	6	0	0	
21:00	4	38.6	36.3	2.5	0	0	0	0	0	0	1	3	0	0	0	0	
22:00	1	38.1	47.5	-	0	0	0	0	0	0	0	0	0	1	0	0	
23:00	2	38.7	35.0	3.5	0	0	0	0	0	0	1	1	0	0	0	0	
Total																	
2H(10-12)	167	38.0	30.4	7.4	0	0	1	12	34	30	37	41	50	2	0	0	
2H(14-16)	115	39.7	31.7	7.7	0	1	2	8	13	29	30	37	53	1	1	0	
12H(7-19)	722	39.7	32.1	7.3	0	1	5	30	106	120	130	211	63	15	2	0	
24H(0-24)	799	40.2	32.6	7.4	0	1	5	31	106	128	152	231	79	24	2	0	
AM Peak	11:00	07:00	07:00	07:00	00:00	00:00	11:00	11:00	10:00	11:00	11:00	10:00	09:00	07:00	07:00	00:00	
	93	52.6	43.8	8.6	0	0	1	8	17	25	19	23	8	8	1	0	
PM Peak	12:00	20:00	22:00	16:00	12:00	15:00	12:00	14:00	16:00	15:00	12:00	12:00	16:00	20:00	15:00	12:00	
	103	43.4	47.5	7.9	0	1	1	6	18	20	52	26	53	6	1	0	

360 TSL Ltd

Direction: Eastbound																
Hour Beginning	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5-10	Bin 3 10-15	Bin 4 15-20	Bin 5 20-25	Bin 6 25-30	Bin 7 30-35	Bin 8 35-40	Bin 9 40-45	Bin 10 45-50	Bin 11 50-55	Bin 12 >55
00:00	4	39.8	32.5	7.1	0	0	0	0	0	2	1	0	1	0	0	0
01:00	2	33.7	30.0	3.5	0	0	0	0	0	1	0	0	0	0	0	0
02:00	6	37.5	37.5	0.0	0	0	0	0	0	0	0	6	0	0	0	0
03:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
04:00	5	40.8	31.5	8.9	0	0	0	0	0	4	0	0	0	1	0	0
05:00	9	36.6	30.8	5.6	0	0	0	0	0	6	1	1	1	0	0	0
06:00	6	34.3	22.5	11.4	0	0	3	0	0	1	1	1	0	0	0	0
07:00	20	39.6	36.3	3.2	0	0	0	0	0	1	4	14	1	0	0	0
08:00	24	41.3	34.8	6.3	0	0	0	0	0	5	10	15	1	3	0	0
09:00	65	37.0	32.7	4.2	0	0	0	0	1	18	25	20	1	0	0	0
10:00	70	40.0	33.4	6.3	0	1	1	0	0	12	24	27	4	1	0	0
11:00	90	38.1	33.3	4.6	0	0	0	1	1	15	44	24	4	1	0	0
12:00	85	39.0	35.0	3.9	0	0	1	0	0	3	34	45	2	0	0	0
13:00	115	38.7	33.3	5.4	0	0	0	0	0	29	57	24	3	5	1	0
14:00	73	40.6	34.4	5.9	0	0	1	0	0	2	11	26	20	12	1	0
15:00	73	38.0	31.5	6.3	0	0	0	1	0	1	23	22	15	6	0	0
16:00	76	40.1	34.3	5.5	0	0	0	0	0	4	15	16	31	20	0	0
17:00	42	41.5	35.1	6.2	0	0	0	0	1	0	7	12	35	4	3	0
18:00	67	40.7	34.1	6.4	0	0	0	0	0	4	11	25	39	5	0	3
19:00	24	44.4	34.7	9.4	0	0	0	0	0	12	3	2	4	1	1	1
20:00	24	41.6	37.1	4.4	0	0	0	0	0	1	4	17	1	0	1	0
21:00	8	43.7	37.5	6.0	0	0	0	0	0	1	1	4	1	1	0	0
22:00	3	43.7	40.0	3.5	0	0	0	0	0	0	0	1	1	0	0	0
23:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
Total																
2H(10-12)	160	39.0	33.4	5.4	0	1	1	1	3	27	66	51	8	2	0	0
2H(14-16)	146	39.5	33.0	6.3	0	1	1	1	7	34	48	35	38	1	0	0
12H(7-19)	800	39.5	33.8	5.5	0	2	3	3	24	141	297	239	53	14	4	0
24H(0-24)	890	39.6	33.8	5.8	0	2	6	3	34	160	309	291	62	17	6	1
AM Peak	11:00	08:00	02:00	06:00	00:00	10:00	06:00	11:00	10:00	09:00	11:00	10:00	10:00	08:00	00:00	00:00
	90	41.3	31.5	11.4	0	1	3	1	2	18	44	27	4	3	0	0
PM Peak	13:00	19:00	22:00	18:00	12:00	15:00	12:00	15:00	13:00	15:00	12:00	12:00	14:00	13:00	18:00	19:00
	115	44.4	40.0	9.4	0	1	1	1	5	23	57	46	52	5	3	1

360 TSL Ltd

Direction: Total Flow																
Hour	Total Volume	ESD	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5-10	Bin 3 10-15	Bin 4 15-20	Bin 5 20-25	Bin 6 25-30	Bin 7 30-35	Bin 8 35-40	Bin 9 40-45	Bin 10 45-50	Bin 11 50-55	Bin 12 >55
00:00	7	44.4	36.8	7.3	0	0	0	0	0	2	1	0	4	0	0	0
01:00	10	46.1	40.0	5.9	0	0	0	0	0	3	1	1	6	1	0	0
02:00	8	39.8	35.0	4.6	0	0	0	0	0	4	0	0	4	0	0	0
03:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
04:00	6	40.0	31.7	8.0	0	0	0	0	0	4	1	0	0	0	0	0
05:00	9	36.6	30.8	5.6	0	0	0	0	0	6	1	1	1	1	0	0
06:00	10	41.1	28.5	12.2	0	0	0	0	0	2	1	2	3	0	0	0
07:00	32	46.1	35.1	6.8	0	0	0	0	1	1	5	15	1	8	1	0
08:00	47	39.3	32.4	6.6	0	0	0	0	0	7	10	14	12	1	3	0
09:00	205	39.0	33.3	5.5	0	0	0	2	3	26	29	36	9	0	0	0
10:00	144	39.8	32.5	7.0	0	1	1	4	19	17	40	50	9	3	0	0
11:00	187	37.8	31.2	6.0	0	0	0	9	18	40	63	42	9	0	0	0
12:00	188	38.8	33.6	5.0	0	0	2	1	11	10	86	71	7	0	0	0
13:00	190	38.5	32.3	6.0	0	0	2	2	19	36	74	47	5	0	0	0
14:00	140	40.4	33.3	6.9	0	0	2	6	8	20	42	49	17	2	0	0
15:00	141	38.8	31.5	7.1	0	2	1	3	12	43	36	29	14	0	1	0
16:00	163	40.3	33.0	7.0	0	0	0	4	22	29	35	47	33	3	0	0
17:00	86	41.6	35.2	6.2	0	0	0	0	2	3	13	15	38	12	3	0
18:00	103	41.6	34.7	6.1	0	0	0	0	6	16	28	40	9	3	0	0
19:00	48	43.4	35.1	8.0	0	0	0	1	1	14	7	14	7	2	1	1
20:00	52	42.7	36.6	5.8	0	0	0	0	0	4	19	19	1	6	1	0
21:00	12	42.2	37.1	5.0	0	0	0	0	0	7	7	1	1	0	0	0
22:00	3	47.7	42.5	5.0	0	0	0	0	0	0	0	0	1	1	0	0
23:00	2	38.7	35.0	3.5	0	0	0	0	0	0	1	1	0	0	0	0
Total																
2H(10-12)	327	38.7	31.8	6.6	0	1	2	13	37	57	103	92	38	4	0	0
2H(13-15)	291	39.6	32.6	6.5	0	1	3	9	20	63	78	72	31	2	0	0
2H(16-18)	152	39.7	33.0	6.5	0	1	8	13	129	167	467	470	118	49	0	0
2H(19-24)	1689	40.1	33.2	6.6	0	3	11	34	130	297	505	522	145	41	2	0
Avg Peak	1150	41.50	35.00	66.00	00.00	10.00	16.00	11.00	11.00	11.00	15.00	109.00	109.00	47.00	07.00	00.00
Peak	180	47.2	33.2	12.2	0	0	0	0	0	0	0	0	0	0	0	0
PM Peak	1150	41.50	35.00	66.00	12.00	15.00	12.00	14.00	16.00	15.00	13.00	13.00	16.00	20.00	18.00	19.00
180	47.2	33.2	8.0	0	0	0	0	0	0	0	0	0	0	0	0	0



North Wales ATC 15, B5381 Roman Road

Direction: Westbound																	05/05/2022
Hour	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5-10	Bin 3 10-15	Bin 4 15-20	Bin 5 20-25	Bin 6 25-30	Bin 7 30-35	Bin 8 35-40	Bin 9 40-45	Bin 10 45-50	Bin 11 50-55	Bin 12 >55	
00:00	2	42.5	42.5	0.0	0	0	0	0	0	0	0	2	0	0	0	0	
01:00	1	-	42.5	-	0	0	0	0	0	0	0	0	1	0	0	0	
02:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0	
03:00	4	37.5	37.5	0.0	0	0	0	0	0	0	0	4	0	0	0	0	
04:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0	
05:00	7	28.7	26.8	1.9	0	0	0	0	1	4	6	0	0	0	0	0	
06:00	11	44.2	40.7	3.4	0	0	0	0	0	0	1	2	8	0	0	0	
07:00	39	38.9	30.8	7.8	0	1	0	0	7	12	10	4	3	1	1	0	
08:00	74	44.1	36.1	7.7	0	0	0	0	1	8	8	9	25	15	7	1	
09:00	72	39.3	31.1	7.9	0	0	0	6	11	1	19	15	15	4	0	0	
10:00	61	39.4	32.2	7.0	0	0	1	1	8	14	10	22	4	1	0	0	
11:00	45	38.5	30.4	7.8	0	0	1	4	9	9	13	13	1	0	0	0	
12:00	70	38.4	31.8	6.4	0	0	1	1	4	26	15	15	8	0	0	0	
13:00	79	37.6	29.7	7.6	0	0	0	1	33	10	11	15	8	1	0	0	
14:00	56	40.0	30.5	8.1	0	0	0	12	7	3	13	12	8	1	0	0	
15:00	64	42.4	35.5	6.6	0	0	0	1	5	1	23	20	11	1	2	0	
16:00	76	42.2	34.4	7.5	0	0	0	1	10	12	11	24	15	2	0	0	
17:00	100	41.0	35.1	7.6	0	1	1	1	4	13	31	25	34	9	1	0	
18:00	72	42.1	34.0	7.8	0	0	0	3	10	3	23	17	13	1	2	0	
19:00	41	42.0	32.4	8.3	0	0	4	1	5	1	9	13	8	0	0	0	
20:00	25	42.2	35.7	6.3	0	0	0	0	0	1	1	6	3	1	1	0	
21:00	14	46.6	37.3	8.9	0	0	0	0	1	0	6	3	2	1	0	1	
22:00	15	42.0	37.8	4.0	0	0	0	0	0	1	1	9	4	0	0	0	
23:00	4	35.5	28.8	7.5	0	0	0	0	2	0	1	1	0	0	0	0	
Total																	
2H(10-12)	806	39.1	31.4	7.4	0	0	2	5	17	17	23	34	7	1	0	0	
2H(14-16)	120	41.8	33.2	8.3	0	0	0	13	12	4	36	32	19	2	2	0	
12H(7-19)	808	41.0	32.9	8.0	0	1	5	32	118	116	188	206	106	28	8	0	
24H(0-24)	1932	41.3	33.2	7.8	0	1	9	33	128	125	218	244	134	30	9	1	
AM Peak	08:00	06:00	00:00	09:00	00:00	00:00	07:00	09:00	09:00	10:00	09:00	08:00	08:00	08:00	07:00	00:00	
PM Peak	17:00	21:00	22:00	19:00	12:00	17:00	19:00	14:00	13:00	12:00	17:00	17:00	16:00	17:00	15:00	21:00	
	100	48.6	37.8	9.3	0	1	4	12	33	26	31	25	33	9	2	1	

360 TSL Ltd

Direction: Eastbound

Hour Beginning	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5-10	Bin 3 10-15	Bin 4 15-20	Bin 5 20-25	Bin 6 25-30	Bin 7 30-35	Bin 8 35-40	Bin 9 40-45	Bin 10 45-50	Bin 11 50-55	Bin 12 >55
00:00	2	43.7	40.0	3.5	0	0	0	0	0	0	0	1	1	0	0	0
01:00	3	37.5	37.5	0.0	0	0	0	0	0	0	3	0	0	0	0	0
02:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
04:00	5	38.3	31.5	6.5	0	0	0	0	0	3	1	0	1	0	0	0
05:00	13	40.6	36.0	4.3	0	0	0	0	0	2	1	9	1	0	0	0
06:00	37	41.8	37.9	3.8	0	0	0	0	0	7	1	22	10	0	0	0
07:00	75	42.3	37.7	4.4	0	0	0	0	0	1	15	40	14	1	0	1
08:00	130	42.6	36.4	6.0	0	0	0	0	2	31	45	34	9	1	0	0
09:00	74	37.6	31.5	5.9	0	0	0	2	8	17	27	18	1	0	1	0
10:00	57	36.5	34.1	4.2	0	0	0	0	7	25	22	1	0	0	0	0
11:00	66	36.3	31.8	4.3	0	0	0	0	3	19	29	14	1	0	0	0
12:00	59	38.8	33.2	5.5	0	0	0	1	1	16	18	17	6	0	0	0
13:00	81	40.1	33.0	6.9	0	0	1	11	1	13	20	30	4	1	0	0
14:00	66	39.8	32.7	6.9	0	1	0	0	5	19	17	12	12	0	0	0
15:00	86	43.7	36.3	7.2	0	0	0	1	13	32	46	15	4	0	1	0
16:00	83	43.3	36.7	6.3	0	0	0	1	0	9	22	29	15	6	0	1
17:00	81	41.8	33.8	7.7	0	1	1	3	6	9	18	26	17	0	0	0
18:00	35	40.4	34.5	5.7	0	0	1	0	0	1	14	14	2	1	0	0
19:00	23	44.3	35.3	8.6	0	0	0	0	2	6	4	4	3	3	1	0
20:00	11	42.5	37.0	5.2	0	0	0	0	0	1	3	4	0	0	0	0
21:00	8	45.1	34.4	10.3	0	0	0	1	1	1	0	1	4	0	0	0
22:00	5	35.8	31.5	4.3	0	0	0	0	0	1	1	0	0	0	0	0
23:00	4	35.3	33.8	2.5	0	0	0	0	0	0	3	1	0	0	0	0
Total																
2H(10-12)	123	37.4	32.9	4.4	0	0	0	0	4	26	54	36	2	1	0	0
2H(14-16)	152	42.2	34.7	7.3	0	1	0	0	6	32	49	28	17	4	4	1
12H(7-19)	893	41.2	34.5	6.4	0	2	2	8	38	144	268	286	112	23	6	4
24H(0-24)	1004	41.3	34.7	6.4	0	2	2	9	41	161	285	331	136	26	7	4
AM Peak	08:00	00:00	00:00	04:00	00:00	00:00	00:00	09:00	09:00	11:00	08:00	08:00	08:00	08:00	08:00	07:00
PM Peak	19:00	21:00	20:00	18:00	12:00	14:00	17:00	17:00	13:00	14:00	15:00	13:00	17:00	16:00	15:00	19:00
	86	45.3	37.0	10.3	0	1	1	9	11	19	22	20	17	6	4	1

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5-10	Bin 3 10-15	Bin 4 15-20	Bin 5 20-25	Bin 6 25-30	Bin 7 30-35	Bin 8 35-40	Bin 9 40-45	Bin 10 45-50	Bin 11 50-55	Bin 12 >55
00:00	4	41.3	38.8	2.5	0	0	0	0	0	0	0	1	1	0	0	0
01:00	4	41.3	38.8	2.5	0	0	0	0	0	0	0	1	1	0	0	0
02:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
03:00	4	37.5	37.5	0.0	0	0	0	0	0	0	0	4	0	0	0	0
04:00	5	38.3	31.5	6.5	0	0	0	0	0	3	1	0	1	0	0	0
05:00	20	42.7	32.8	5.7	0	0	0	0	1	8	1	9	1	0	0	0
06:00	48	42.5	38.5	3.9	0	0	0	0	0	2	4	24	18	0	0	0
07:00	114	42.2	35.4	6.6	0	0	1	7	13	25	47	17	2	1	1	0
08:00	204	43.2	36.3	6.7	0	0	0	1	10	26	40	70	39	16	2	0
09:00	146	38.5	31.3	7.0	0	0	0	8	21	28	46	33	5	4	1	0
10:00	118	39.2	33.1	5.9	0	0	1	1	9	21	35	44	5	2	0	0
11:00	112	37.4	31.2	6.0	0	0	1	4	12	22	42	26	4	0	0	0
12:00	129	38.6	32.4	6.0	0	0	1	2	5	42	33	32	14	0	0	0
13:00	180	39.0	31.4	7.4	0	0	0	2	44	23	31	46	12	2	0	0
14:00	122	40.2	31.7	8.0	0	1	0	12	12	22	30	24	20	1	0	0
15:00	150	42.1	36.0	6.9	0	0	0	1	6	14	55	36	26	5	6	1
16:00	159	42.9	35.6	7.0	0	0	0	2	10	21	33	53	30	8	1	0
17:00	181	42.4	34.5	7.7	0	2	2	4	10	22	49	51	31	9	1	0
18:00	107	41.6	34.2	7.2	0	0	0	1	9	10	6	37	31	15	2	3
19:00	64	42.9	33.4	9.1	0	0	4	1	7	7	13	17	11	3	1	0
20:00	36	42.3	36.1	5.9	0	0	0	0	1	2	15	9	7	1	1	0
21:00	22	45.9	36.3	9.3	0	0	0	0	1	2	6	4	1	0	0	1
22:00	20	41.3	36.3	4.8	0	0	0	0	0	3	3	10	4	0	0	0
23:00	8	37.3	31.3	5.8	0	0	0	0	2	0	4	2	0	0	0	0
Total																
2H(10-12)	229	38.4	32.2	6.0	0	0	2	5	21	43	77	70	9	2	0	0
2H(14-16)	272	42.1	34.0	7.7	0	1	0	13	18	36	85	60	46	6	6	1
12H(7-19)	1703	41.2	33.7	7.2	0	3	7	40	156	260	456	492	218	51	14	4
24H(0-24)	1936	41.4	34.0	7.2	0	3	11	42	169	286	503	575	270	56	16	5
AM Peak	08:00	05:00	04:00	09:00	00:00	00:00	00:00	07:00	02:00	08:00	08:00	08:00	08:00	08:00	08:00	07:00
PM Peak	17:00	21:00	21:00	18:00	12:00	17:00	18:00	14:00	13:00	14:00	14:00	14:00	14:00	14:00	17:00	13:00



North Wales ATC 15, B5381 Roman Road

04/05/2022														
Hour	Total	ESD	Mean	Standard	Bin 1	Bin 2	Bin 3	Bin 4	Bin 5	Bin 6	Bin 7	Bin 8	Bin 9	Bin 10
Beginning	Volumes	Percentage	Average	Deviation	Length	5-15	15-25	25-35	35-45	45-55	55-65	65-75	75-85	85-95
00:00	3	43.3	40.8	2.9	0	0	0	0	0	0	2	0	0	0
01:00	2	52.2	37.5	14.1	0	0	0	0	1	0	0	0	1	0
02:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0
03:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0
04:00	1	-	37.5	-	0	0	0	0	0	0	1	0	0	0
05:00	1	-	23.5	-	0	0	0	0	1	0	0	0	0	1
06:00	16	38.3	35.0	3.2	0	0	0	0	0	9	6	1	0	0
07:00	12	39.3	32.3	4.8	0	0	0	2	1	4	11	1	4	0
08:00	69	41.8	34.2	7.3	0	0	0	3	6	9	12	28	7	4
09:00	56	40.4	33.4	6.7	0	0	0	2	8	15	21	7	0	0
10:00	48	34.9	28.1	6.6	0	0	1	4	12	9	16	5	1	0
11:00	37	42.9	34.7	8.0	0	0	0	3	2	3	8	13	5	3
12:00	78	35.6	28.0	6.4	0	1	0	3	12	21	26	6	4	0
13:00	57	36.8	29.4	7.1	0	1	1	3	8	16	15	11	2	0
14:00	59	40.0	30.6	8.0	0	0	0	6	16	6	11	11	5	3
15:00	67	39.7	33.8	5.6	0	0	0	1	2	13	23	18	10	0
16:00	86	40.1	32.8	7.3	0	0	0	8	12	5	31	20	14	0
17:00	124	39.2	31.9	7.0	0	0	0	4	22	21	30	33	12	2
18:00	56	39.0	31.1	7.7	0	0	0	5	11	6	13	15	6	0
19:00	22	44.7	36.6	7.8	0	0	0	0	3	1	2	11	2	1
20:00	31	39.5	34.9	4.4	0	0	0	0	3	15	8	5	0	0
21:00	12	42.5	36.4	6.9	0	0	0	0	0	5	5	4	3	0
22:00	15	43.3	39.5	3.7	0	0	0	0	0	1	8	5	1	0
23:00	2	43.7	40.0	3.5	0	0	0	0	0	0	1	1	0	0
Total														
2H(18-12)	85	39.1	31.0	7.9	0	0	1	7	14	12	24	18	6	3
2H(14-16)	126	40.2	32.3	7.6	0	0	0	7	18	19	34	29	15	3
12H(7-19)	761	39.3	31.7	7.3	0	2	2	42	136	136	211	183	77	13
24H(0-24)	876	39.3	31.3	7.3	0	2	2	42	130	126	243	223	97	26
AM Peak	08:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00
	69	52.2	40.8	14.1	0	0	1	4	12	9	16	28	7	4
PM Peak	17:00	19:00	21:00	23:00	12:00	12:00	13:00	14:00	17:00	12:00	16:00	17:00	16:00	14:00
	124	45.7	40.0	9.0	0	1	1	6	22	21	31	33	14	3

360 TSL Ltd

Direction: Eastbound														
Hour	Total	ESD	Mean	Standard	Bin 1	Bin 2	Bin 3	Bin 4	Bin 5	Bin 6	Bin 7	Bin 8	Bin 9	Bin 10
Beginning	Volumes	Percentage	Average	Deviation	Length	5-15	15-25	25-35	35-45	45-55	55-65	65-75	75-85	85-95
00:00	1	-	37.5	-	0	0	0	0	0	0	1	0	0	0
01:00	1	-	37.5	-	0	0	0	0	0	1	0	0	0	0
02:00	1	-	37.5	-	0	0	0	0	0	0	1	0	0	0
03:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0
04:00	2	27.5	27.5	0.0	0	0	0	0	0	2	0	0	0	0
05:00	4	41.2	36.3	4.8	0	0	0	0	0	2	1	1	0	0
06:00	28	43.0	37.5	5.3	0	0	0	0	1	1	6	9	11	0
07:00	87	42.5	36.5	5.8	0	0	0	1	4	2	22	39	13	6
08:00	99	40.2	35.2	4.8	0	0	0	0	4	6	26	32	8	2
09:00	57	38.2	32.9	5.1	0	0	0	1	1	14	20	19	1	1
10:00	91	39.0	34.2	4.6	0	0	0	3	11	17	32	8	0	0
11:00	75	39.8	34.1	5.5	0	0	0	0	1	18	24	23	6	3
12:00	62	38.2	32.6	3.4	0	0	0	0	1	10	39	11	1	0
13:00	65	38.7	32.7	5.8	0	0	2	11	28	11	28	18	4	0
14:00	65	40.2	32.6	7.4	0	0	0	1	5	15	30	8	2	2
15:00	70	38.5	32.4	5.9	1	0	0	0	2	16	33	13	4	0
16:00	89	39.0	33.6	5.2	0	0	0	3	13	44	23	5	0	1
17:00	60	37.5	32.7	5.6	0	0	0	2	6	11	24	15	2	0
18:00	63	38.8	34.5	4.2	0	0	0	1	4	33	20	4	1	0
19:00	29	37.3	32.5	4.6	0	0	0	0	0	9	14	3	3	0
20:00	14	36.3	28.6	6.4	0	0	0	1	3	1	0	0	0	0
21:00	16	43.2	35.6	7.3	0	0	0	1	1	1	8	4	0	0
22:00	6	32.8	30.0	2.7	0	0	0	0	1	1	1	0	0	0
23:00	2	66.4	46.3	19.4	0	0	0	0	0	1	0	0	0	1
Total														
2H(18-12)	166	39.3	34.2	5.0	0	0	0	0	4	29	61	55	14	3
2H(14-16)	135	39.3	32.5	4.6	1	0	0	1	7	31	63	21	6	2
12H(7-19)	883	39.4	33.7	5.5	1	0	2	5	33	134	360	273	56	3
24H(0-24)	987	39.6	33.8	5.6	1	0	2	7	38	152	392	300	75	4
AM Peak	08:00	05:00	02:00	07:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00
	99	43.0	31.5	3.8	0	0	0	1	4	18	37	52	11	8
PM Peak	17:00	19:00	21:00	23:00	15:00	13:00	13:00	17:00	17:00	15:00	16:00	16:00	14:00	12:00
	89	66.4	46.3	19.4	1	0	2	2	6	16	44	23	5	2

360 TSL Ltd

Direction: Total Flow														
Hour	Total	ESD	Mean	Standard	Bin 1	Bin 2	Bin 3	Bin 4	Bin 5	Bin 6	Bin 7	Bin 8	Bin 9	Bin 10
Beginning	Volumes	Percentage	Average	Deviation	Length	5-15	15-25	25-35	35-45	45-55	55-65	65-75	75-85	85-95
00:00	4	43.0	40.0	2.9	0	0	0	0	0	0	2	2	0	0
01:00	3	47.9	37.5	10.0	0	0	0	0	0	1	0	1	0	0
02:00	1	-	37.5	-	0	0	0	0	0	1	0	0	0	1
03:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0
04:00	3	36.8	30.8	5.8	0	0	0	0	0	1	0	1	0	0
05:00	5	41.2	33.5	7.4	0	0	0	0	1	0	2	1	1	0
06:00	44	41.5	36.6	4.7	0	0	0	0	1	15	35	12	0	0
07:00	109	42.1	35.7	6.2	0	0	0	3	4	15	40	17	6	0
08:00	168	40.9	34.8	5.9	0	0	0	3	10	18	38	40	13	6
09:00	113	39.3	33.2	6.0	0	0	0	3	9	17	35	40	8	1
10:00	139	38.4	32.1	6.1	0	0	1	4	15	20	53	37	9	0
11:00	112	40.9	34.3	6.4	0	0	0	3	21	32	46	11	6	0
12:00	140	36.3	30.6	5.5	0	1	0	3	18	31	65	17	5	0
13:00	122	36.0	31.2	6.0	0	1	3	9	20	27	43	29	6	0
14:00	124	40.2	31.7	8.2	0	0	0	7	15	21	41	19	7	5
15:00	137	39.1	33.1	5.8	1	0	0	1	4	29	56	31	14	1
16:00	177	39.1	33.1	6.3	0	0	0	6	18	75	40	19	0	0
17:00	184	38.7	31.8	6.6	0	0	0	6	28	32	54	48	2	0
18:00	119	39.4	32.9	6.3	0	0	0	5	12	13	46	35	10	0
19:00	51	41.0	34.3	6.5	0	0	0	3	10	16	14	5	2	1
20:00	45	39.1	33.3	5.6	0	0	0	1	3	5	20	11	5	0
21:00	38	43.3	36.1	7.0	0	0	0	0	1	13	8	3	0	0
22:00	21	42.5	36.8	5.5	0	0	0	0	0	3	4	8	5	1
23:00	4	55.5	43.1	12.0	0	0	0	0	0	1	1	1	0	1
Total														
2H(18-12)	251	39.6	33.1	6.3	0	0	1	7	18	41	85	73	20	6
2H(14-16)	261	39.7	32.4	7.1	1	0	0	8	25	50	97	50	21	6
12H(7-19)	1644	39.5	32.8	6.5	1	2	4	47	149	250	571	405	133	28
24H(0-24)	1863	39.9	33.1	6.5	1	2	4	49	158	278	635	523	172	35
AM Peak	08:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00
	168	47.9	40.0	10.0	0	0	1	4	15	21	53	40	17	6
PM Peak	17:00	19:00	21:00	23:00	15:00	12:00	13:00	14:00	17:00	17:00	16:00	17:00	16:00	14:00
	184	55.5	43.1	12.0	1	1	3	7	28	32	75	48	19	5

360 TSL Ltd



North Wales ATC 15, B5381 Roman Road



Direction: Westbound

Hour Beginning	Thu 05/05/2022	Fri 06/05/2022	Sat 07/05/2022	Sun 08/05/2022	Mon 09/05/2022	Tue 10/05/2022	Wed 11/05/2022	5-Day Ave.	7-Day Ave.
00:00	0	1	8	1	2	1	3	1	2
01:00	2	1	1	4	1	1	2	1	2
02:00	1	1	2	1	2	0	0	1	1
03:00	0	0	0	0	1	1	0	0	0
04:00	2	1	2	1	3	0	1	1	1
05:00	2	1	2	0	2	3	1	2	2
06:00	10	6	6	5	11	7	9	9	8
07:00	29	34	11	10	32	30	29	31	25
08:00	82	83	34	19	79	73	72	78	63
09:00	73	58	60	38	57	69	67	65	60
10:00	66	57	88	53	54	57	55	58	61
11:00	67	70	130	97	67	58	60	64	76
12:00	64	71	95	74	58	72	61	65	71
13:00	64	82	94	55	51	62	59	64	67
14:00	75	72	89	74	80	58	56	68	72
15:00	94	59	71	63	79	58	68	72	70
16:00	118	110	93	62	97	93	105	105	97
17:00	131	122	49	50	128	120	138	128	105
18:00	71	99	47	27	71	74	62	75	64
19:00	48	46	25	29	33	33	26	37	34
20:00	23	15	13	23	14	19	25	15	19
21:00	17	14	12	8	10	15	18	15	13
22:00	13	11	11	1	7	10	17	12	10
23:00	6	6	5	3	4	3	2	4	4
Total									
12H(7-19)	934	917	841	622	853	824	832	872	832
16H(6-22)	1032	998	897	687	921	898	910	952	906
18H(6-24)	1051	1015	913	691	932	911	929	968	920
24H(0-24)	1058	1020	928	698	943	917	936	975	929
AM Peak	08:00	08:00	11:00	11:00	08:00	08:00	08:00	08:00	11:00
	82	83	110	97	79	73	72	78	76
PM Peak	17:00	17:00	12:00	12:00	17:00	17:00	17:00	17:00	17:00
	131	122	95	74	128	120	138	128	105

360 TSL Ltd

Direction: Eastbound

Hour Beginning	Thu 05/05/2022	Fri 06/05/2022	Sat 07/05/2022	Sun 08/05/2022	Mon 09/05/2022	Tue 10/05/2022	Wed 11/05/2022	5-Day Ave.	7-Day Ave.
00:00	1	0	2	4	1	3	1	1	2
01:00	1	0	3	2	1	2	1	1	1
02:00	2	1	0	3	0	0	1	1	1
03:00	0	1	1	0	0	1	0	0	0
04:00	5	4	2	3	2	3	1	3	3
05:00	10	12	3	5	8	11	7	10	8
06:00	25	25	10	6	29	25	28	26	21
07:00	63	66	24	15	91	80	81	76	60
08:00	84	93	33	22	111	106	100	99	78
09:00	81	65	60	52	82	80	56	73	68
10:00	91	69	62	55	64	58	74	71	68
11:00	65	71	80	92	60	55	69	64	70
12:00	64	77	58	84	60	62	53	63	65
13:00	79	88	72	88	71	86	62	77	78
14:00	58	53	79	64	67	65	68	62	65
15:00	70	86	80	82	67	77	66	73	75
16:00	110	83	71	67	71	80	86	86	81
17:00	66	64	59	45	81	89	70	74	68
18:00	61	53	52	49	52	46	48	52	52
19:00	39	33	27	22	17	24	24	27	27
20:00	19	16	20	20	13	13	13	15	16
21:00	14	8	12	11	11	11	9	11	11
22:00	8	5	10	2	7	5	3	6	6
23:00	2	5	0	0	1	3	2	3	2
Total									
12H(7-19)	892	868	730	715	877	884	833	871	828
16H(6-22)	989	950	799	774	947	957	907	950	903
18H(6-24)	999	960	809	776	955	965	912	958	911
24H(0-24)	1018	978	820	793	967	985	923	974	926
AM Peak	10:00	08:00	11:00	11:00	08:00	08:00	08:00	08:00	08:00
	91	93	80	92	111	106	100	99	78
PM Peak	16:00	13:00	15:00	13:00	17:00	17:00	16:00	16:00	16:00
	110	88	80	88	81	89	86	80	81

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Thu 05/05/2022	Fri 06/05/2022	Sat 07/05/2022	Sun 08/05/2022	Mon 09/05/2022	Tue 10/05/2022	Wed 11/05/2022	5-Day Ave.	7-Day Ave.
00:00	1	1	10	5	3	4	4	3	4
01:00	3	1	4	6	2	3	3	2	3
02:00	3	2	2	4	2	0	1	2	2
03:00	0	1	1	0	1	2	0	1	1
04:00	7	5	4	4	5	3	2	4	4
05:00	12	13	5	5	10	14	8	11	10
06:00	35	31	16	11	40	32	37	35	29
07:00	92	100	35	25	123	110	110	107	85
08:00	166	176	67	41	190	179	172	177	142
09:00	154	123	120	90	139	149	123	138	128
10:00	157	126	150	108	118	115	129	129	129
11:00	132	141	190	189	127	113	129	128	146
12:00	128	148	153	158	118	134	114	128	136
13:00	143	170	166	143	122	148	121	141	145
14:00	133	125	168	138	147	123	124	130	137
15:00	164	145	151	145	146	135	134	145	146
16:00	228	193	164	129	168	173	191	191	178
17:00	197	186	108	95	209	209	208	202	173
18:00	132	152	99	76	123	120	110	127	116
19:00	87	79	52	51	50	57	50	65	61
20:00	42	31	33	43	27	32	38	34	35
21:00	31	22	24	19	21	26	27	25	24
22:00	21	16	21	3	14	15	20	17	16
23:00	8	11	5	3	5	6	4	7	6
Total									
12H(7-19)	1826	1785	1571	1337	1730	1708	1665	1743	1660
16H(6-22)	2021	1948	1696	1461	1868	1855	1817	1902	1809
18H(6-24)	2050	1975	1722	1467	1887	1876	1841	1926	1831
24H(0-24)	2076	1998	1748	1491	1910	1902	1859	1949	1855
AM Peak	08:00	08:00	11:00	11:00	08:00	08:00	08:00	08:00	11:00
	166	176	190	189	190	179	172	177	146
PM Peak	16:00	16:00	14:00	12:00	17:00	17:00	17:00	17:00	16:00
	228	193	168	158	209	209	208	202	178

360 TSL Ltd



North Wales ATC 15, B5381 Roman Road

Direction: Westbound

	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 5 May 2022	1058	826	222	4	6
Fri 6 May 2022	1020	826	185	5	4
Sat 7 May 2022	928	753	167	7	1
Sun 8 May 2022	698	588	105	4	1
Mon 9 May 2022	943	757	175	4	7
Tue 10 May 2022	917	734	179	2	2
Wed 11 May 2022	936	731	193	5	7
5 Day Ave.	975	775	191	4	5
7 Day Ave.	929	745	175	4	4

Direction: Eastbound

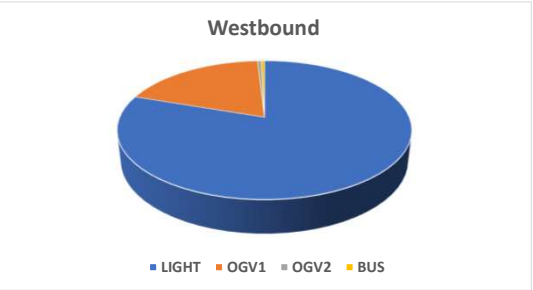
	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 5 May 2022	1018	770	229	2	17
Fri 6 May 2022	978	758	198	7	15
Sat 7 May 2022	820	640	171	2	7
Sun 8 May 2022	793	623	166	1	3
Mon 9 May 2022	967	717	227	5	18
Tue 10 May 2022	985	725	244	3	13
Wed 11 May 2022	923	680	220	4	19
5 Day Ave.	974	730	224	4	16
7 Day Ave.	926	702	208	3	13

Direction: Total Flow

	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 5 May 2022	2076	1596	451	6	23
Fri 6 May 2022	1998	1584	383	12	19
Sat 7 May 2022	1748	1393	338	9	8
Sun 8 May 2022	1491	1211	271	5	4
Mon 9 May 2022	1910	1474	402	9	25
Tue 10 May 2022	1902	1459	423	5	15
Wed 11 May 2022	1859	1411	413	9	26
5 Day Ave.	1949	1505	414	8	22
7 Day Ave.	1855	1447	383	8	17

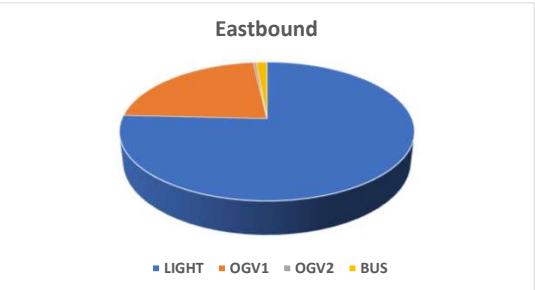
	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 5 May 2022	100.0%	78.1%	21.0%	0.4%	0.6%
Fri 6 May 2022	100.0%	81.0%	18.1%	0.5%	0.4%
Sat 7 May 2022	100.0%	81.1%	18.0%	0.8%	0.1%
Sun 8 May 2022	100.0%	84.2%	15.0%	0.6%	0.1%
Mon 9 May 2022	100.0%	80.3%	18.6%	0.4%	0.7%
Tue 10 May 2022	100.0%	80.0%	19.5%	0.2%	0.2%
Wed 11 May 2022	100.0%	78.1%	20.6%	0.5%	0.7%
5 Day Ave.	100.0%	79.5%	19.6%	0.4%	0.5%
7 Day Ave.	100.0%	80.2%	18.9%	0.5%	0.4%

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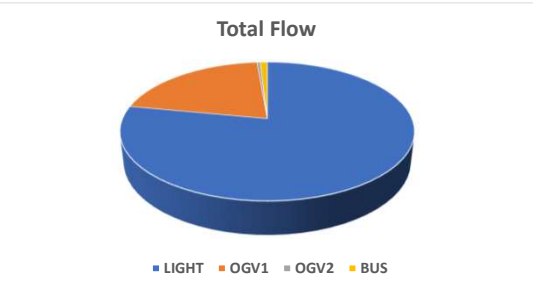
	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 5 May 2022	100.0%	75.6%	22.5%	0.2%	1.7%
Fri 6 May 2022	100.0%	77.5%	20.2%	0.7%	1.5%
Sat 7 May 2022	100.0%	78.0%	20.9%	0.2%	0.9%
Sun 8 May 2022	100.0%	78.6%	20.9%	0.1%	0.4%
Mon 9 May 2022	100.0%	74.1%	23.5%	0.5%	1.9%
Tue 10 May 2022	100.0%	73.6%	24.8%	0.3%	1.3%
Wed 11 May 2022	100.0%	73.7%	23.8%	0.4%	2.1%
5 Day Ave.	100.0%	74.9%	23.0%	0.4%	1.7%
7 Day Ave.	100.0%	75.8%	22.4%	0.4%	1.4%

360 TSL Ltd



	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 5 May 2022	100.0%	76.9%	21.7%	0.3%	1.1%
Fri 6 May 2022	100.0%	79.3%	19.2%	0.6%	1.0%
Sat 7 May 2022	100.0%	79.7%	19.3%	0.5%	0.5%
Sun 8 May 2022	100.0%	81.2%	18.2%	0.3%	0.3%
Mon 9 May 2022	100.0%	77.2%	21.0%	0.5%	1.3%
Tue 10 May 2022	100.0%	76.7%	22.2%	0.3%	0.8%
Wed 11 May 2022	100.0%	75.9%	22.2%	0.5%	1.4%
5 Day Ave.	100.0%	77.2%	21.3%	0.4%	1.1%
7 Day Ave.	100.0%	78.0%	20.6%	0.4%	0.9%

360 TSL Ltd



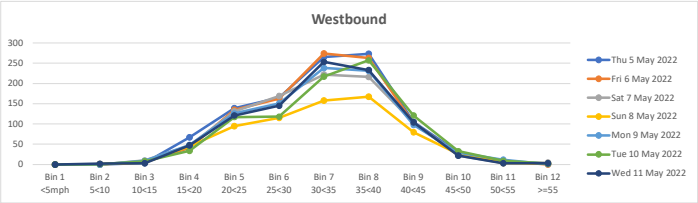


North Wales ATC 15, B5381 Roman Road

Direction: Westbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5<10	Bin 3 10<15	Bin 4 15<20	Bin 5 20<25	Bin 6 25<30	Bin 7 30<35	Bin 8 35<40	Bin 9 40<45	Bin 10 45<50	Bin 11 50<55	Bin 12 >=55
Thu 5 May 2022	1058	40.3	32.3	7.7	0	0	4	67	139	165	265	273	105	30	8	2
Fri 6 May 2022	1020	40.2	32.5	7.4	0	1	6	41	135	163	274	263	102	26	9	0
Sat 7 May 2022	928	40.2	32.1	7.9	0	0	10	46	131	169	222	216	103	22	4	5
Sun 8 May 2022	698	40.7	32.3	8.1	0	1	5	45	95	115	158	167	80	26	4	2
Mon 9 May 2022	943	40.6	32.4	7.9	0	0	9	48	126	151	238	231	98	29	12	1
Tue 10 May 2022	917	41.5	33.3	7.9	0	1	8	34	117	118	217	257	121	33	9	2
Wed 11 May 2022	936	40.3	32.4	7.6	0	2	3	47	121	145	253	233	104	22	3	3
5 Day Ave.	975	40.6	32.6	7.7	0	1	6	47	128	148	249	251	106	28	8	2
7 Day Ave.	929	40.5	32.5	7.8	0	1	6	47	123	147	232	234	102	27	7	2

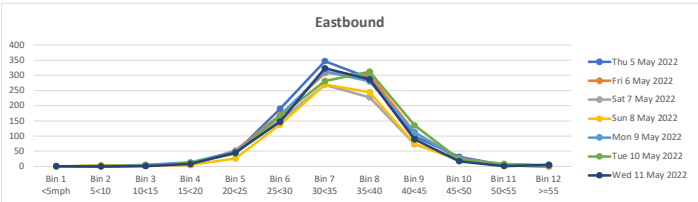
360 TSL Ltd



Direction: Eastbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5<10	Bin 3 10<15	Bin 4 15<20	Bin 5 20<25	Bin 6 25<30	Bin 7 30<35	Bin 8 35<40	Bin 9 40<45	Bin 10 45<50	Bin 11 50<55	Bin 12 >=55
Thu 5 May 2022	1018	40.1	33.9	6.0	0	0	3	10	45	189	347	290	99	31	4	0
Fri 6 May 2022	978	40.3	34.1	6.0	0	0	3	5	52	169	307	301	112	26	3	0
Sat 7 May 2022	820	40.4	33.6	6.6	0	2	4	11	50	151	269	227	73	24	8	1
Sun 8 May 2022	793	40.6	34.1	6.3	0	3	4	5	26	138	270	244	75	19	6	3
Mon 9 May 2022	967	40.6	34.0	6.4	0	0	5	13	47	166	313	280	112	23	5	3
Tue 10 May 2022	985	41.2	34.5	6.5	0	2	2	11	42	166	281	312	135	23	7	4
Wed 11 May 2022	923	40.2	34.0	6.0	1	0	1	8	45	147	323	286	89	17	1	5
5 Day Ave.	974	40.5	34.1	6.2	0	0	3	9	46	167	314	294	109	24	4	2
7 Day Ave.	926	40.5	34.0	6.2	0	1	3	9	44	161	301	277	99	23	5	2

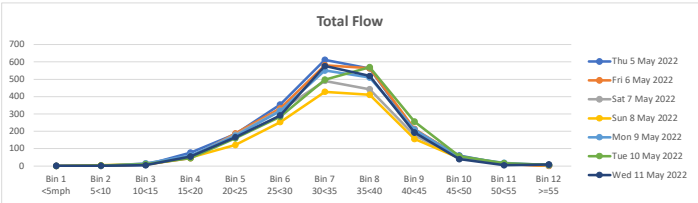
360 TSL Ltd



Direction: Total Flow

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5<10	Bin 3 10<15	Bin 4 15<20	Bin 5 20<25	Bin 6 25<30	Bin 7 30<35	Bin 8 35<40	Bin 9 40<45	Bin 10 45<50	Bin 11 50<55	Bin 12 >=55
Thu 5 May 2022	2076	40.3	33.1	7.0	0	0	7	77	184	354	612	563	204	61	12	2
Fri 6 May 2022	1998	40.3	33.3	6.8	0	1	9	46	187	332	581	564	214	52	12	0
Sat 7 May 2022	1748	40.4	32.8	7.3	0	2	14	57	181	320	491	443	176	46	12	6
Sun 8 May 2022	1491	40.8	33.2	7.3	0	4	9	50	121	253	428	411	155	45	10	5
Mon 9 May 2022	1910	40.7	33.2	7.2	0	0	14	61	173	317	551	511	210	52	17	4
Tue 10 May 2022	1902	41.4	34.0	7.2	0	3	10	45	159	284	498	569	256	56	16	6
Wed 11 May 2022	1859	40.3	33.2	6.9	1	2	4	55	166	292	576	519	193	39	4	8
5 Day Ave.	1949	40.6	33.3	7.0	0	1	9	57	174	316	564	545	215	52	12	4
7 Day Ave.	1855	40.6	33.2	7.1	0	2	10	56	167	307	534	511	201	50	12	4

360 TSL Ltd





## North Wales ATC 15, B5381 Roman Road

Direction: Westbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5<10	Bin 3 10<15	Bin 4 15<20	Bin 5 20<25	Bin 6 25<30	Bin 7 30<35	Bin 8 35<40	Bin 9 40<45	Bin 10 45<50	Bin 11 50<55	Bin 12 >=55
Thu 5 May 2022	133	38.4	30.1	8.0	0	0	1	16	21	28	25	29	10	3	0	0
Fri 6 May 2022	127	36.6	29.4	7.0	0	0	3	8	26	26	34	25	5	0	0	0
Sat 7 May 2022	198	39.0	30.9	7.8	0	0	3	10	31	48	48	39	13	3	1	2
Sun 8 May 2022	150	38.7	30.0	8.4	0	0	1	18	27	32	28	28	8	7	1	0
Mon 9 May 2022	121	39.3	31.0	8.0	0	0	3	9	17	24	23	34	8	2	1	0
Tue 10 May 2022	115	38.9	31.0	7.6	0	0	2	7	19	20	28	29	7	3	0	0
Wed 11 May 2022	115	38.9	30.8	7.8	0	0	2	10	16	19	33	23	9	3	0	0
5 Day Ave.	122	38.4	30.4	7.7	0	0	2	10	20	23	29	28	8	2	0	0
7 Day Ave.	137	38.5	30.4	7.8	0	0	2	11	22	28	31	30	9	3	0	0

360 TSL Ltd

Direction: Eastbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5<10	Bin 3 10<15	Bin 4 15<20	Bin 5 20<25	Bin 6 25<30	Bin 7 30<35	Bin 8 35<40	Bin 9 40<45	Bin 10 45<50	Bin 11 50<55	Bin 12 >=55
Thu 5 May 2022	156	38.5	32.6	5.8	0	0	0	0	8	50	51	32	10	4	1	0
Fri 6 May 2022	140	38.5	32.3	5.9	0	0	1	0	11	39	45	30	12	2	0	0
Sat 7 May 2022	142	39.1	32.5	6.4	0	0	1	4	13	22	56	33	10	2	1	0
Sun 8 May 2022	147	39.8	33.4	6.2	0	1	1	2	5	24	57	43	10	3	1	0
Mon 9 May 2022	124	39.4	32.3	6.8	0	0	2	1	10	28	46	28	5	1	2	1
Tue 10 May 2022	113	37.8	32.9	4.7	0	0	0	0	5	24	46	34	3	1	0	0
Wed 11 May 2022	143	39.6	34.0	5.4	0	0	0	0	5	29	47	47	10	5	0	0
5 Day Ave.	135	38.8	32.8	5.7	0	0	1	0	8	34	47	34	8	3	1	0
7 Day Ave.	138	39.0	32.9	5.9	0	0	1	1	8	31	50	35	9	3	1	0

360 TSL Ltd

Direction: Total Flow

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5<10	Bin 3 10<15	Bin 4 15<20	Bin 5 20<25	Bin 6 25<30	Bin 7 30<35	Bin 8 35<40	Bin 9 40<45	Bin 10 45<50	Bin 11 50<55	Bin 12 >=55
Thu 5 May 2022	289	38.7	31.4	7.0	0	0	1	16	29	78	76	61	20	7	1	0
Fri 6 May 2022	267	37.8	30.9	6.6	0	0	4	8	37	65	79	55	17	2	0	0
Sat 7 May 2022	340	39.1	31.6	7.3	0	0	4	14	44	70	104	72	23	5	2	2
Sun 8 May 2022	297	39.5	31.7	7.6	0	1	2	20	32	56	85	71	18	10	2	0
Mon 9 May 2022	245	39.4	31.7	7.5	0	0	5	10	27	52	69	62	13	3	3	1
Tue 10 May 2022	228	38.6	31.9	6.4	0	0	2	7	24	44	74	63	10	4	0	0
Wed 11 May 2022	258	39.6	32.6	6.8	0	0	2	10	21	48	80	70	19	8	0	0
5 Day Ave.	257	38.8	31.7	6.8	0	0	3	10	28	57	76	62	16	5	1	0
7 Day Ave.	275	38.9	31.7	7.0	0	0	3	12	31	59	81	65	17	6	1	0

360 TSL Ltd



## North Wales ATC 15, B5381 Roman Road

Direction: Westbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5<10	Bin 3 10<15	Bin 4 15<20	Bin 5 20<25	Bin 6 25<30	Bin 7 30<35	Bin 8 35<40	Bin 9 40<45	Bin 10 45<50	Bin 11 50<55	Bin 12 >=55
Thu 5 May 2022	169	39.1	31.2	7.6	0	0	1	15	21	30	48	36	14	3	1	0
Fri 6 May 2022	131	39.4	31.7	7.4	0	0	0	11	15	24	30	38	11	1	1	0
Sat 7 May 2022	160	40.1	31.9	7.9	0	0	2	9	24	29	33	37	23	2	1	0
Sun 8 May 2022	137	39.5	31.3	7.9	0	1	2	10	15	29	31	33	14	1	1	0
Mon 9 May 2022	159	38.8	31.7	6.9	0	0	2	10	15	24	57	41	7	2	1	0
Tue 10 May 2022	116	41.9	33.2	8.3	0	0	0	10	14	8	33	27	18	4	2	0
Wed 11 May 2022	124	39.2	31.9	7.1	0	0	0	5	19	25	30	32	10	2	1	0
5 Day Ave.	140	39.7	31.9	7.5	0	0	1	10	17	22	40	35	12	2	1	0
7 Day Ave.	142	39.7	31.8	7.6	0	0	1	10	18	24	37	35	14	2	1	0

360 TSL Ltd

Direction: Eastbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5<10	Bin 3 10<15	Bin 4 15<20	Bin 5 20<25	Bin 6 25<30	Bin 7 30<35	Bin 8 35<40	Bin 9 40<45	Bin 10 45<50	Bin 11 50<55	Bin 12 >=55
Thu 5 May 2022	128	39.6	33.1	6.3	0	0	0	2	9	28	43	29	14	2	1	0
Fri 6 May 2022	139	38.8	32.8	5.8	0	0	0	2	10	27	56	30	11	3	0	0
Sat 7 May 2022	159	40.5	33.7	6.6	0	0	0	1	14	28	54	38	16	6	2	0
Sun 8 May 2022	146	39.8	32.9	6.6	0	2	1	1	7	31	49	40	12	2	1	0
Mon 9 May 2022	134	39.8	33.5	6.1	0	0	0	1	5	35	46	26	15	6	0	0
Tue 10 May 2022	142	41.3	34.2	6.8	0	1	0	0	5	34	42	33	22	2	2	1
Wed 11 May 2022	134	40.6	33.0	7.3	1	0	0	1	9	27	55	26	10	2	0	3
5 Day Ave.	135	40.0	33.3	6.5	0	0	0	1	8	30	48	29	14	3	1	1
7 Day Ave.	140	40.0	33.3	6.5	0	0	0	1	8	30	49	32	14	3	1	1

360 TSL Ltd

Direction: Total Flow

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5<10	Bin 3 10<15	Bin 4 15<20	Bin 5 20<25	Bin 6 25<30	Bin 7 30<35	Bin 8 35<40	Bin 9 40<45	Bin 10 45<50	Bin 11 50<55	Bin 12 >=55
Thu 5 May 2022	297	39.4	32.0	7.1	0	0	1	17	30	58	91	65	28	5	2	0
Fri 6 May 2022	270	39.2	32.3	6.6	0	0	0	13	25	51	86	68	22	4	1	0
Sat 7 May 2022	319	40.4	32.8	7.3	0	0	2	10	38	57	87	75	39	8	3	0
Sun 8 May 2022	283	39.7	32.1	7.3	0	3	3	11	22	60	80	73	26	3	2	0
Mon 9 May 2022	293	39.4	32.5	6.6	0	0	2	11	20	59	103	67	22	8	1	0
Tue 10 May 2022	258	41.6	33.8	7.5	0	1	0	10	19	42	75	60	40	6	4	1
Wed 11 May 2022	258	39.9	32.5	7.2	1	0	0	6	28	52	85	58	20	4	1	3
5 Day Ave.	275	39.9	32.6	7.0	0	0	1	11	24	52	88	64	26	5	2	1
7 Day Ave.	283	39.9	32.6	7.1	0	1	1	11	26	54	87	67	28	5	2	1

360 TSL Ltd



# North Wales ATC 15, B5381 Roman Road

Direction: Westbound

05/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	0	0	0	0	0
01:00	2	2	0	0	0
02:00	1	1	0	0	0
03:00	0	0	0	0	0
04:00	2	1	1	0	0
05:00	2	1	1	0	0
06:00	10	7	3	0	0
07:00	29	20	8	0	1
08:00	82	62	19	0	1
09:00	73	52	17	2	2
10:00	66	53	13	0	0
11:00	67	52	15	0	0
12:00	64	46	17	1	0
13:00	64	47	17	0	0
14:00	75	60	14	0	1
15:00	94	78	16	0	0
16:00	118	90	26	1	1
17:00	131	104	27	0	0
18:00	71	58	13	0	0
19:00	48	39	9	0	0
20:00	23	21	2	0	0
21:00	17	15	2	0	0
22:00	13	11	2	0	0
23:00	6	6	0	0	0
Total					
12H(7-19)	934	722	202	4	6
16H(6-22)	1032	804	218	4	6
18H(6-24)	1051	821	220	4	6
24H(0-24)	1058	826	222	4	6
AM Peak	08:00	08:00	08:00	09:00	09:00
	82	62	19	2	2
PM Peak	17:00	17:00	17:00	12:00	14:00
	131	104	27	1	1

360 TSL Ltd

Direction: Eastbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	1	0	1	0	0
01:00	1	1	0	0	0
02:00	2	2	0	0	0
03:00	0	0	0	0	0
04:00	5	4	0	0	1
05:00	10	7	3	0	0
06:00	25	16	9	0	0
07:00	63	48	14	1	0
08:00	84	72	11	0	1
09:00	81	61	20	0	0
10:00	91	66	22	1	2
11:00	65	48	15	0	2
12:00	64	46	16	0	2
13:00	79	56	21	0	2
14:00	58	38	19	0	1
15:00	70	52	18	0	0
16:00	110	84	21	0	5
17:00	66	49	16	0	1
18:00	61	54	7	0	0
19:00	39	29	10	0	0
20:00	19	17	2	0	0
21:00	14	14	0	0	0
22:00	8	4	4	0	0
23:00	2	2	0	0	0
Total					
12H(7-19)	892	674	200	2	16
16H(6-22)	989	750	221	2	16
18H(6-24)	999	756	225	2	16
24H(0-24)	1018	770	229	2	17
AM Peak	10:00	08:00	10:00	07:00	10:00
	91	72	22	1	2
PM Peak	16:00	16:00	13:00	12:00	16:00
	110	84	21	0	5

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	1	0	1	0	0
01:00	3	3	0	0	0
02:00	3	3	0	0	0
03:00	0	0	0	0	0
04:00	7	5	1	0	1
05:00	12	8	4	0	0
06:00	35	23	12	0	0
07:00	92	68	22	1	1
08:00	166	134	30	0	2
09:00	154	113	37	2	2
10:00	157	119	35	1	2
11:00	132	100	30	0	2
12:00	128	92	33	1	2
13:00	143	103	38	0	2
14:00	133	98	33	0	2
15:00	164	130	34	0	0
16:00	228	174	47	1	6
17:00	197	153	43	0	1
18:00	132	112	20	0	0
19:00	87	68	19	0	0
20:00	42	38	4	0	0
21:00	31	29	2	0	0
22:00	21	15	6	0	0
23:00	8	8	0	0	0
Total					
12H(7-19)	1826	1396	402	6	22
16H(6-22)	2021	1554	439	6	22
18H(6-24)	2050	1577	445	6	22
24H(0-24)	2076	1596	451	6	23
AM Peak	08:00	08:00	09:00	09:00	08:00
	166	134	37	2	2
PM Peak	16:00	16:00	16:00	12:00	16:00
	228	174	47	1	6

360 TSL Ltd



# North Wales ATC 15, B5381 Roman Road

Direction: Westbound

06/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	1	1	0	0	0
01:00	1	0	1	0	0
02:00	1	1	0	0	0
03:00	0	0	0	0	0
04:00	1	0	1	0	0
05:00	1	1	0	0	0
06:00	6	5	1	0	0
07:00	34	26	7	0	1
08:00	83	70	11	0	2
09:00	58	39	17	2	0
10:00	57	49	8	0	0
11:00	70	58	10	1	1
12:00	71	54	16	1	0
13:00	82	66	16	0	0
14:00	72	54	17	1	0
15:00	59	51	8	0	0
16:00	110	92	18	0	0
17:00	122	100	22	0	0
18:00	99	83	16	0	0
19:00	46	37	9	0	0
20:00	15	13	2	0	0
21:00	14	11	3	0	0
22:00	11	10	1	0	0
23:00	6	5	1	0	0
Total					
12H(7-19)	917	742	166	5	4
16H(6-22)	998	808	181	5	4
18H(6-24)	1015	823	183	5	4
24H(0-24)	1020	826	185	5	4
AM Peak	08:00	08:00	09:00	09:00	08:00
	83	70	17	2	2
PM Peak	17:00	17:00	17:00	12:00	12:00
	122	100	22	1	0

360 TSL Ltd

Direction: Eastbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	0	0	0	0	0
01:00	0	0	0	0	0
02:00	1	1	0	0	0
03:00	1	0	1	0	0
04:00	4	2	0	0	2
05:00	12	8	4	0	0
06:00	25	17	8	0	0
07:00	66	48	17	0	1
08:00	93	81	11	0	1
09:00	65	50	12	1	2
10:00	69	48	19	2	0
11:00	71	53	15	1	2
12:00	77	57	19	0	1
13:00	88	76	12	0	0
14:00	53	39	9	2	3
15:00	86	68	17	0	1
16:00	83	63	18	1	1
17:00	64	49	15	0	0
18:00	53	40	12	0	1
19:00	33	29	4	0	0
20:00	16	14	2	0	0
21:00	8	7	1	0	0
22:00	5	5	0	0	0
23:00	5	3	2	0	0
Total					
12H(7-19)	868	672	176	7	13
16H(6-22)	950	739	191	7	13
18H(6-24)	960	747	193	7	13
24H(0-24)	978	758	198	7	15
AM Peak	08:00	08:00	10:00	10:00	04:00
	93	81	19	2	2
PM Peak	13:00	13:00	12:00	14:00	14:00
	88	76	19	2	3

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	1	1	0	0	0
01:00	1	0	1	0	0
02:00	2	2	0	0	0
03:00	1	0	1	0	0
04:00	5	2	1	0	2
05:00	13	9	4	0	0
06:00	31	22	9	0	0
07:00	100	74	24	0	2
08:00	176	151	22	0	3
09:00	123	89	29	3	2
10:00	126	97	27	2	0
11:00	141	111	25	2	3
12:00	148	111	35	1	1
13:00	170	142	28	0	0
14:00	125	93	26	3	3
15:00	145	119	25	0	1
16:00	193	155	36	1	1
17:00	186	149	37	0	0
18:00	152	123	28	0	1
19:00	79	66	13	0	0
20:00	31	27	4	0	0
21:00	22	18	4	0	0
22:00	16	15	1	0	0
23:00	11	8	3	0	0
Total					
12H(7-19)	1785	1414	342	12	17
16H(6-22)	1948	1547	372	12	17
18H(6-24)	1975	1570	376	12	17
24H(0-24)	1998	1584	383	12	19
AM Peak	08:00	08:00	09:00	09:00	08:00
	176	151	29	3	3
PM Peak	16:00	16:00	17:00	14:00	14:00
	193	155	37	3	3

360 TSL Ltd



# North Wales ATC 15, B5381 Roman Road

Direction: Westbound

07/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	8	7	1	0	0
01:00	1	1	0	0	0
02:00	2	1	1	0	0
03:00	0	0	0	0	0
04:00	2	1	1	0	0
05:00	2	1	1	0	0
06:00	6	4	2	0	0
07:00	11	7	3	0	1
08:00	34	25	9	0	0
09:00	60	49	11	0	0
10:00	88	68	20	0	0
11:00	110	94	16	0	0
12:00	95	73	22	0	0
13:00	94	77	12	5	0
14:00	89	76	12	1	0
15:00	71	57	13	1	0
16:00	93	81	12	0	0
17:00	49	36	13	0	0
18:00	47	39	8	0	0
19:00	25	21	4	0	0
20:00	13	12	1	0	0
21:00	12	10	2	0	0
22:00	11	8	3	0	0
23:00	5	5	0	0	0
Total					
12H(7-19)	841	682	151	7	1
16H(6-22)	897	729	160	7	1
18H(6-24)	913	742	163	7	1
24H(0-24)	928	753	167	7	1
AM Peak	11:00 110	11:00 94	10:00 20	00:00 0	07:00 1
PM Peak	12:00 95	16:00 81	12:00 22	13:00 5	12:00 0

360 TSL Ltd

Direction: Eastbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	2	1	1	0	0
01:00	3	2	1	0	0
02:00	0	0	0	0	0
03:00	1	1	0	0	0
04:00	2	1	0	0	1
05:00	3	3	0	0	0
06:00	10	9	1	0	0
07:00	24	16	7	0	1
08:00	33	23	10	0	0
09:00	60	42	18	0	0
10:00	62	49	11	0	2
11:00	80	61	19	0	0
12:00	58	46	11	1	0
13:00	72	58	12	0	2
14:00	79	59	20	0	0
15:00	80	69	10	1	0
16:00	71	59	12	0	0
17:00	59	47	11	0	1
18:00	52	43	9	0	0
19:00	27	20	7	0	0
20:00	20	14	6	0	0
21:00	12	9	3	0	0
22:00	10	8	2	0	0
23:00	0	0	0	0	0
Total					
12H(7-19)	730	572	150	2	6
16H(6-22)	799	624	167	2	6
18H(6-24)	809	632	169	2	6
24H(0-24)	820	640	171	2	7
AM Peak	11:00 80	11:00 61	11:00 19	00:00 0	10:00 2
PM Peak	15:00 80	15:00 69	14:00 20	12:00 1	13:00 2

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	10	8	2	0	0
01:00	4	3	1	0	0
02:00	2	1	1	0	0
03:00	1	1	0	0	0
04:00	4	2	1	0	1
05:00	5	4	1	0	0
06:00	16	13	3	0	0
07:00	35	23	10	0	2
08:00	67	48	19	0	0
09:00	120	91	29	0	0
10:00	150	117	31	0	2
11:00	190	155	35	0	0
12:00	153	119	33	1	0
13:00	166	135	24	5	2
14:00	168	135	32	1	0
15:00	151	126	23	2	0
16:00	164	140	24	0	0
17:00	108	83	24	0	1
18:00	99	82	17	0	0
19:00	52	41	11	0	0
20:00	33	26	7	0	0
21:00	24	19	5	0	0
22:00	21	16	5	0	0
23:00	5	5	0	0	0
Total					
12H(7-19)	1571	1254	301	9	7
16H(6-22)	1696	1353	327	9	7
18H(6-24)	1722	1374	332	9	7
24H(0-24)	1748	1393	338	9	8
AM Peak	11:00 190	11:00 155	11:00 35	00:00 0	07:00 2
PM Peak	14:00 168	16:00 140	12:00 33	13:00 5	13:00 2

360 TSL Ltd



# North Wales ATC 15, B5381 Roman Road

Direction: Westbound

08/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	1	1	0	0	0
01:00	4	3	1	0	0
02:00	1	1	0	0	0
03:00	0	0	0	0	0
04:00	1	1	0	0	0
05:00	0	0	0	0	0
06:00	5	4	1	0	0
07:00	10	7	3	0	0
08:00	19	16	3	0	0
09:00	38	34	4	0	0
10:00	53	46	6	1	0
11:00	97	77	19	1	0
12:00	74	62	11	1	0
13:00	55	44	10	1	0
14:00	74	66	8	0	0
15:00	63	54	8	0	1
16:00	62	50	12	0	0
17:00	50	46	4	0	0
18:00	27	22	5	0	0
19:00	29	26	3	0	0
20:00	23	19	4	0	0
21:00	8	8	0	0	0
22:00	1	1	0	0	0
23:00	3	0	3	0	0
Total					
12H(7-19)	622	524	93	4	1
16H(6-22)	687	581	101	4	1
18H(6-24)	691	582	104	4	1
24H(0-24)	698	588	105	4	1
AM Peak	11:00	11:00	11:00	10:00	00:00
	97	77	19	1	0
PM Peak	12:00	14:00	16:00	12:00	15:00
	74	66	12	1	1

360 TSL Ltd

Direction: Eastbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	4	2	2	0	0
01:00	2	0	2	0	0
02:00	3	3	0	0	0
03:00	0	0	0	0	0
04:00	3	3	0	0	0
05:00	5	4	1	0	0
06:00	6	5	1	0	0
07:00	15	13	2	0	0
08:00	22	16	6	0	0
09:00	52	46	6	0	0
10:00	55	41	13	1	0
11:00	92	71	20	0	1
12:00	84	67	16	0	1
13:00	88	70	18	0	0
14:00	64	44	20	0	0
15:00	82	70	12	0	0
16:00	67	51	15	0	1
17:00	45	33	12	0	0
18:00	49	41	8	0	0
19:00	22	17	5	0	0
20:00	20	17	3	0	0
21:00	11	8	3	0	0
22:00	2	1	1	0	0
23:00	0	0	0	0	0
Total					
12H(7-19)	715	563	148	1	3
16H(6-22)	774	610	160	1	3
18H(6-24)	776	611	161	1	3
24H(0-24)	793	623	166	1	3
AM Peak	11:00	11:00	11:00	10:00	11:00
	92	71	20	1	1
PM Peak	13:00	13:00	14:00	12:00	12:00
	88	70	20	0	1

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	5	3	2	0	0
01:00	6	3	3	0	0
02:00	4	4	0	0	0
03:00	0	0	0	0	0
04:00	4	4	0	0	0
05:00	5	4	1	0	0
06:00	11	9	2	0	0
07:00	25	20	5	0	0
08:00	41	32	9	0	0
09:00	90	80	10	0	0
10:00	108	87	19	2	0
11:00	189	148	39	1	1
12:00	158	129	27	1	1
13:00	143	114	28	1	0
14:00	138	110	28	0	0
15:00	145	124	20	0	1
16:00	129	101	27	0	1
17:00	95	79	16	0	0
18:00	76	63	13	0	0
19:00	51	43	8	0	0
20:00	43	36	7	0	0
21:00	19	16	3	0	0
22:00	3	2	1	0	0
23:00	3	0	3	0	0
Total					
12H(7-19)	1337	1087	241	5	4
16H(6-22)	1461	1191	261	5	4
18H(6-24)	1467	1193	265	5	4
24H(0-24)	1491	1211	271	5	4
AM Peak	11:00	11:00	11:00	10:00	11:00
	189	148	39	2	1
PM Peak	12:00	12:00	13:00	12:00	12:00
	158	129	28	1	1

360 TSL Ltd



# North Wales ATC 15, B5381 Roman Road

Direction: Westbound

09/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	2	2	0	0	0
01:00	1	0	1	0	0
02:00	2	2	0	0	0
03:00	1	0	1	0	0
04:00	3	2	0	0	1
05:00	2	2	0	0	0
06:00	11	9	2	0	0
07:00	32	20	11	0	1
08:00	79	61	18	0	0
09:00	57	45	11	1	0
10:00	54	44	10	0	0
11:00	67	52	14	0	1
12:00	58	48	9	0	1
13:00	51	43	7	0	1
14:00	80	64	15	0	1
15:00	79	64	14	0	1
16:00	97	83	14	0	0
17:00	128	102	25	1	0
18:00	71	57	13	1	0
19:00	33	25	7	1	0
20:00	14	13	1	0	0
21:00	10	9	1	0	0
22:00	7	7	0	0	0
23:00	4	3	1	0	0
Total					
12H(7-19)	853	683	161	3	6
16H(6-22)	921	739	172	4	6
18H(6-24)	932	749	173	4	6
24H(0-24)	943	757	175	4	7
AM Peak	08:00 79	08:00 61	08:00 18	09:00 1	04:00 1
PM Peak	17:00 128	17:00 102	17:00 25	17:00 1	12:00 1

360 TSL Ltd

Direction: Eastbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	1	1	0	0	0
01:00	1	0	1	0	0
02:00	0	0	0	0	0
03:00	0	0	0	0	0
04:00	2	1	0	0	1
05:00	8	5	3	0	0
06:00	29	14	15	0	0
07:00	91	72	18	1	0
08:00	111	86	22	0	3
09:00	82	63	17	0	2
10:00	64	43	18	2	1
11:00	60	45	13	0	2
12:00	60	42	16	0	2
13:00	71	51	18	0	2
14:00	67	52	14	0	1
15:00	67	49	18	0	0
16:00	71	55	14	0	2
17:00	81	58	19	2	2
18:00	52	38	14	0	0
19:00	17	14	3	0	0
20:00	13	12	1	0	0
21:00	11	10	1	0	0
22:00	7	5	2	0	0
23:00	1	1	0	0	0
Total					
12H(7-19)	877	654	201	5	17
16H(6-22)	947	704	221	5	17
18H(6-24)	955	710	223	5	17
24H(0-24)	967	717	227	5	18
AM Peak	08:00 111	08:00 86	08:00 22	10:00 2	08:00 3
PM Peak	17:00 81	17:00 58	17:00 19	17:00 2	12:00 2

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	3	3	0	0	0
01:00	2	0	2	0	0
02:00	2	2	0	0	0
03:00	1	0	1	0	0
04:00	5	3	0	0	2
05:00	10	7	3	0	0
06:00	40	23	17	0	0
07:00	123	92	29	1	1
08:00	190	147	40	0	3
09:00	139	108	28	1	2
10:00	118	87	28	2	1
11:00	127	97	27	0	3
12:00	118	90	25	0	3
13:00	122	94	25	0	3
14:00	147	116	29	0	2
15:00	146	113	32	0	1
16:00	168	138	28	0	2
17:00	209	160	44	3	2
18:00	123	95	27	1	0
19:00	50	39	10	1	0
20:00	27	25	2	0	0
21:00	21	19	2	0	0
22:00	14	12	2	0	0
23:00	5	4	1	0	0
Total					
12H(7-19)	1730	1337	362	8	23
16H(6-22)	1868	1443	393	9	23
18H(6-24)	1887	1459	396	9	23
24H(0-24)	1910	1474	402	9	25
AM Peak	08:00 190	08:00 147	08:00 40	10:00 2	08:00 3
PM Peak	17:00 209	17:00 160	17:00 44	17:00 3	12:00 3

360 TSL Ltd



# North Wales ATC 15, B5381 Roman Road

Direction: Westbound

10/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	1	0	1	0	0
01:00	1	1	0	0	0
02:00	0	0	0	0	0
03:00	1	1	0	0	0
04:00	0	0	0	0	0
05:00	3	3	0	0	0
06:00	7	7	0	0	0
07:00	30	21	8	0	1
08:00	73	56	17	0	0
09:00	69	54	15	0	0
10:00	57	51	6	0	0
11:00	58	48	10	0	0
12:00	72	56	16	0	0
13:00	62	50	11	1	0
14:00	58	41	16	1	0
15:00	58	42	15	0	1
16:00	93	76	17	0	0
17:00	120	102	18	0	0
18:00	74	58	16	0	0
19:00	33	26	7	0	0
20:00	19	17	2	0	0
21:00	15	12	3	0	0
22:00	10	9	1	0	0
23:00	3	3	0	0	0
Total					
12H(7-19)	824	655	165	2	2
16H(6-22)	898	717	177	2	2
18H(6-24)	911	729	178	2	2
24H(0-24)	917	734	179	2	2
AM Peak	08:00 73	08:00 56	08:00 17	00:00 0	07:00 1
PM Peak	17:00 120	17:00 102	17:00 18	13:00 1	15:00 1

360 TSL Ltd

Direction: Eastbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	3	1	2	0	0
01:00	2	2	0	0	0
02:00	0	0	0	0	0
03:00	1	1	0	0	0
04:00	3	2	0	0	1
05:00	11	9	2	0	0
06:00	25	15	9	0	1
07:00	80	58	22	0	0
08:00	106	83	22	0	1
09:00	80	58	20	1	1
10:00	58	44	13	0	1
11:00	55	45	9	0	1
12:00	62	46	16	0	0
13:00	86	61	24	0	1
14:00	65	43	21	0	1
15:00	77	56	19	1	1
16:00	80	59	20	1	0
17:00	89	65	21	0	3
18:00	46	36	9	0	1
19:00	24	14	10	0	0
20:00	13	12	1	0	0
21:00	11	10	1	0	0
22:00	5	3	2	0	0
23:00	3	2	1	0	0
Total					
12H(7-19)	884	654	216	3	11
16H(6-22)	957	705	237	3	12
18H(6-24)	965	710	240	3	12
24H(0-24)	985	725	244	3	13
AM Peak	08:00 106	08:00 83	07:00 22	09:00 1	04:00 1
PM Peak	17:00 89	17:00 65	13:00 24	15:00 1	17:00 3

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	4	1	3	0	0
01:00	3	3	0	0	0
02:00	0	0	0	0	0
03:00	2	2	0	0	0
04:00	3	2	0	0	1
05:00	14	12	2	0	0
06:00	32	22	9	0	1
07:00	110	79	30	0	1
08:00	179	139	39	0	1
09:00	149	112	35	1	1
10:00	115	95	19	0	1
11:00	113	93	19	0	1
12:00	134	102	32	0	0
13:00	148	111	35	1	1
14:00	123	84	37	1	1
15:00	135	98	34	1	2
16:00	173	135	37	1	0
17:00	209	167	39	0	3
18:00	120	94	25	0	1
19:00	57	40	17	0	0
20:00	32	29	3	0	0
21:00	26	22	4	0	0
22:00	15	12	3	0	0
23:00	6	5	1	0	0
Total					
12H(7-19)	1708	1309	381	5	13
16H(6-22)	1855	1422	414	5	14
18H(6-24)	1876	1439	418	5	14
24H(0-24)	1902	1459	423	5	15
AM Peak	08:00 179	08:00 139	08:00 39	09:00 1	04:00 1
PM Peak	17:00 209	17:00 167	17:00 39	13:00 1	17:00 3

360 TSL Ltd



# North Wales ATC 15, B5381 Roman Road

Direction: Westbound

11/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	3	2	1	0	0
01:00	2	1	1	0	0
02:00	0	0	0	0	0
03:00	0	0	0	0	0
04:00	1	1	0	0	0
05:00	1	0	0	0	1
06:00	9	8	1	0	0
07:00	29	18	9	0	2
08:00	72	53	19	0	0
09:00	67	47	18	1	1
10:00	55	38	16	0	1
11:00	60	45	15	0	0
12:00	61	47	13	1	0
13:00	59	49	9	0	1
14:00	56	44	12	0	0
15:00	68	56	12	0	0
16:00	105	85	18	1	1
17:00	138	106	30	2	0
18:00	62	52	10	0	0
19:00	26	24	2	0	0
20:00	25	23	2	0	0
21:00	18	14	4	0	0
22:00	17	17	0	0	0
23:00	2	1	1	0	0
Total					
12H(7-19)	832	640	181	5	6
16H(6-22)	910	709	190	5	6
18H(6-24)	929	727	191	5	6
24H(0-24)	936	731	193	5	7
AM Peak	08:00 72	08:00 53	08:00 19	09:00 1	07:00 2
PM Peak	17:00 138	17:00 106	17:00 30	17:00 2	13:00 1

360 TSL Ltd

Direction: Eastbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	1	1	0	0	0
01:00	1	0	1	0	0
02:00	1	1	0	0	0
03:00	0	0	0	0	0
04:00	1	1	0	0	0
05:00	7	6	0	0	1
06:00	28	15	12	0	1
07:00	81	50	28	1	2
08:00	100	83	16	1	0
09:00	56	37	17	1	1
10:00	74	53	20	0	1
11:00	69	49	17	0	3
12:00	53	36	16	1	0
13:00	62	54	8	0	0
14:00	68	53	11	0	4
15:00	66	45	18	0	3
16:00	86	60	25	0	1
17:00	70	57	11	0	2
18:00	48	38	10	0	0
19:00	24	19	5	0	0
20:00	13	11	2	0	0
21:00	9	7	2	0	0
22:00	3	3	0	0	0
23:00	2	1	1	0	0
Total					
12H(7-19)	833	615	197	4	17
16H(6-22)	907	667	218	4	18
18H(6-24)	912	671	219	4	18
24H(0-24)	923	680	220	4	19
AM Peak	08:00 100	08:00 83	07:00 28	07:00 1	11:00 3
PM Peak	16:00 86	16:00 60	16:00 25	12:00 1	14:00 4

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	4	3	1	0	0
01:00	3	1	2	0	0
02:00	1	1	0	0	0
03:00	0	0	0	0	0
04:00	2	2	0	0	0
05:00	8	6	0	0	2
06:00	37	23	13	0	1
07:00	110	68	37	1	4
08:00	172	136	35	1	0
09:00	123	84	35	2	2
10:00	129	91	36	0	2
11:00	129	94	32	0	3
12:00	114	83	29	2	0
13:00	121	103	17	0	1
14:00	124	97	23	0	4
15:00	134	101	30	0	3
16:00	191	145	43	1	2
17:00	208	163	41	2	2
18:00	110	90	20	0	0
19:00	50	43	7	0	0
20:00	38	34	4	0	0
21:00	27	21	6	0	0
22:00	20	20	0	0	0
23:00	4	2	2	0	0
Total					
12H(7-19)	1665	1255	378	9	23
16H(6-22)	1817	1376	408	9	24
18H(6-24)	1841	1398	410	9	24
24H(0-24)	1859	1411	413	9	26
AM Peak	08:00 172	08:00 136	07:00 37	09:00 2	07:00 4
PM Peak	17:00 208	17:00 163	16:00 43	12:00 2	14:00 4

360 TSL Ltd



North Wales ATC 15, B5381 Roman Road

Direction: Westbound																05/05/2022	
Hour	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5-10	Bin 3 10-15	Bin 4 15-20	Bin 5 20-25	Bin 6 25-30	Bin 7 30-35	Bin 8 35-40	Bin 9 40-45	Bin 10 45-50	Bin 11 50-55	Bin 12 >55	
00:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0	
01:00	2	46.0	35.0	10.6	0	0	0	0	0	1	0	0	1	0	0	0	
02:00	1	-	32.5	-	0	0	0	0	0	0	1	0	0	0	0	0	
03:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0	
04:00	2	22.5	22.5	0.0	0	0	0	0	0	2	0	0	0	0	0	0	
05:00	2	43.7	40.0	3.5	0	0	0	0	0	0	1	1	0	0	0	0	
06:00	10	45.2	36.0	8.8	0	0	0	1	0	1	2	3	1	0	0	0	
07:00	29	40.1	34.2	5.7	0	0	0	0	2	5	7	11	4	0	0	0	
08:00	82	42.2	34.2	7.7	0	0	0	0	5	7	7	22	23	13	5	0	
09:00	73	40.9	31.6	8.0	0	0	0	5	10	6	17	13	9	1	0	0	
10:00	66	36.4	28.3	7.9	0	0	1	9	15	16	10	10	4	1	0	0	
11:00	67	39.9	31.9	7.8	0	0	0	7	6	12	15	19	6	2	0	0	
12:00	64	38.9	31.3	7.3	0	0	0	4	9	14	17	13	6	0	1	0	
13:00	64	39.4	30.7	8.4	0	0	2	5	13	6	14	18	4	2	0	0	
14:00	75	36.4	28.8	7.4	0	0	1	10	14	12	25	8	5	0	0	0	
15:00	94	40.7	33.1	7.3	0	0	0	0	5	7	18	23	28	9	3	1	0
16:00	110	38.2	31.5	9.5	0	0	0	3	14	24	27	26	9	1	0	0	
17:00	131	40.7	33.5	7.0	0	0	0	4	14	20	29	49	9	5	1	0	0
18:00	71	41.3	33.0	8.0	0	0	0	3	10	12	17	16	9	2	2	0	0
19:00	48	43.4	33.9	9.1	0	0	0	4	4	5	14	12	5	1	2	1	0
20:00	23	42.3	36.4	5.6	0	0	0	0	0	3	6	9	3	2	0	0	0
21:00	17	44.3	37.8	6.2	0	0	0	0	0	1	5	6	3	2	1	0	0
22:00	13	39.6	35.6	3.8	0	0	0	0	0	1	4	7	1	0	0	0	0
23:00	6	45.5	35.8	9.3	0	0	0	0	0	1	1	0	2	1	1	0	0
Total																	
2H(14-13)	133	38.4	30.1	8.0	0	0	1	16	21	28	25	29	30	3	0	0	0
2H(14-14)	169	39.1	31.2	7.6	0	0	1	15	21	30	48	36	34	3	1	0	0
12H(7-19)	104	39.8	31.9	7.7	0	0	4	62	132	152	233	234	87	24	5	1	0
24H(9-24)	1058	40.3	32.3	7.7	0	0	4	67	139	165	265	273	105	30	8	2	0
AM Peak																	
08:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	08:00	08:00	08:00	08:00	09:00	09:00	09:00
82	46.9	46.9	10.6	0	0	1	9	19	16	22	23	13	5	0	1	0	1
PM Peak																	
17:00	23:00	21:00	23:00	12:00	12:00	13:00	14:00	16:00	16:00	16:00	17:00	15:00	17:00	18:00	19:00	19:00	19:00
131	45.5	37.8	9.3	0	0	2	10	16	24	37	49	9	5	2	1	0	0

360 TSL Ltd

Direction: Eastbound																
Hour	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5-10	Bin 3 10-15	Bin 4 15-20	Bin 5 20-25	Bin 6 25-30	Bin 7 30-35	Bin 8 35-40	Bin 9 40-45	Bin 10 45-50	Bin 11 50-55	Bin 12 >55
00:00	1	-	42.5	-	0	0	0	0	0	0	0	0	1	0	0	0
01:00	1	-	42.5	-	0	0	0	0	0	0	0	0	1	0	0	0
02:00	2	44.8	37.5	7.1	0	0	0	0	0	0	1	0	1	0	0	0
03:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
04:00	5	37.8	33.5	4.2	0	0	0	0	0	1	2	2	0	0	0	0
05:00	10	38.7	35.0	5.5	0	0	0	0	0	1	3	6	0	0	0	0
06:00	25	41.8	35.7	5.8	0	0	0	0	0	4	7	11	1	1	1	0
07:00	63	42.2	36.9	5.1	0	0	0	0	0	6	15	25	14	3	0	0
08:00	84	41.2	34.6	6.4	0	0	1	3	10	29	26	107	4	0	0	0
09:00	81	38.3	32.7	5.4	0	0	0	0	7	16	32	21	3	2	0	0
10:00	91	35.9	31.9	6.7	0	0	0	0	7	34	32	15	3	0	0	0
11:00	65	41.9	34.7	6.4	0	0	0	0	1	16	19	17	7	4	1	0
12:00	64	38.9	34.1	4.7	0	0	0	0	1	12	22	25	5	1	0	0
13:00	79	38.6	33.2	5.2	0	0	0	1	4	14	29	26	5	0	0	0
14:00	58	39.0	32.4	6.4	0	0	0	0	7	13	21	11	4	1	1	0
15:00	70	40.0	33.6	6.1	0	0	0	2	2	15	22	18	0	0	0	0
16:00	110	40.1	34.1	5.8	0	0	0	4	2	15	37	40	30	2	0	0
17:00	66	40.5	33.3	7.0	0	0	2	0	4	12	21	18	6	3	0	0
18:00	61	39.5	33.2	6.0	0	0	2	1	8	28	13	5	2	0	0	0
19:00	39	42.4	35.6	6.6	0	0	0	0	1	6	15	6	7	4	0	0
20:00	19	44.5	36.7	7.5	0	0	0	0	0	3	6	4	1	1	0	0
21:00	14	37.3	32.1	5.0	0	0	0	0	0	1	3	7	2	1	0	0
22:00	8	45.8	37.5	8.0	0	0	0	0	0	1	0	2	1	1	1	0
23:00	2	49.8	42.5	7.1	0	0	0	0	0	0	0	1	0	1	0	0
Total																
2H(10-12)	156	38.5	32.6	5.8	0	0	0	0	8	50	51	32	10	4	1	0
2H(14-13)	128	39.6	33.1	6.3	0	0	0	2	9	28	43	29	14	2	1	0
12H(7-19)	892	39.7	33.6	5.9	0	0	3	10	41	171	307	255	80	23	2	0
24H(9-24)	6018	40.1	33.9	6.0	0	0	3	10	45	189	347	290	90	31	4	0
AM Peak																
10:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	09:00	08:00	07:00	08:00	06:00	06:00
91	44.8	42.5	7.1	0	0	1	1	7	34	32	36	34	4	1	0	0
PM Peak																
16:00	23:00	23:00	23:00	12:00	12:00	13:00	14:00	16:00	16:00	16:00	16:00	15:00	19:00	14:00	16:00	16:00
110	49.8	42.5	8.0	0	0	2	4	7	15	27	40	10	4	1	0	0

360 TSL Ltd

Direction: Total Flow																
Hour	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5-10	Bin 3 10-15	Bin 4 15-20	Bin 5 20-25	Bin 6 25-30	Bin 7 30-35	Bin 8 35-40	Bin 9 40-45	Bin 10 45-50	Bin 11 50-55	Bin 12 >55
00:00	1	-	42.5	-	0	0	0	0	0	0	0	0	1	0	0	0
01:00	3	46.5	37.5	8.7	0	0	0	0	0	1	0	0	0	2	0	0
02:00	3	41.8	35.8	5.8	0	0	0	0	0	0	1	2	0	1	0	0
03:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
04:00	7	37.0	30.4	6.4	0	0	0	0	0	2	1	2	0	0	0	0
05:00	12	39.9	35.8	3.9	0	0	0	0	0	1	3	7	1	0	0	0
06:00	16	42.8	35.8	6.7	0	0	0	1	0	5	9	13	4	2	1	0
07:00	92	41.7	36.1	5.4	0	0	0	0	2	11	22	36	18	3	0	0
08:00	166	41.7	34.4	7.0	0	0	1	6	10	17	51	40	23	9	0	0
09:00	154	39.7	32.7	7.3	0	0	0	0	25	49	34	12	5	0	0	0
10:00	157	36.5	29.9	6.4	0	0	1	9	22	50	42	25	7	1	0	0
11:00	132	40.8	33.3	7.2	0	0	0	7	7	28	34	16	10	6	1	0
12:00	128	39.2	32.7	6.3	0	0	0	4	10	26	39	38	9	1	1	0
13:00	143	39.2	32.1	5.9	0	0	0	6	17	29	41	44	9	2	1	0
14:00	133	37.8	30.4	7.2	0	0	1	10	21	25	46	29	9	1	0	0
15:00	164	40.4	33.4	6.8	0	0	0	7	9	33	45	46	19	4	1	0
16:00	128	39.3	32.7	6.3	0	0	0	9	18	39	74	66	10	2	1	0
17:00	187	40.7	33.4	7.0	0	0	2	4	18	32	50	67	15	8	1	0
18:00	131	39.2	32.1	7.1	0	0	0	5	11	29	38	41	10	5	2	1
19:00	127	40.8	34.5	6.1	0	0	0	4	5	11	29	18	12	5	2	1
20:00	62	40.5	32.7	6.3	0	0	0	0	1	9	15	17	5	1	0	0
21:00	31	41.8	35.2	6.3	0	0	0	0	1	4	12	8	4	1	1	0
22:00	21	42.2	36.3	3.7	0	0	0	0	1	1	6	8	4	1	0	0
23:00	8	46.7	35.5	8.8	0	0	0	0	1	1	1	1	1	2	0	0
<b>Total</b>																
20161216	2839	38.7	31.4	7.0	0	1	16	29	78	76	61	20	7	1	0	0
20161217	2839	39.3	32.0	6.3	0	1	17	30	58	91	58	28	4	2	1	0
20161218	2839	39.6	32.7	6.9	0	0	27	173	323	540	489	167	47	7	1	0
20161219	2839	40.1	33.1	7.0	0	0	7	77	184	354	612	563	204	61	12	2
<b>APM Peak</b>																
08:00	1150	05:00	05:00	05:00	08:00	10:00	10:00	10:00	10:00	10:00	10:00	08:00	08:00	08:00	08:00	09:00
12:00	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7
<b>PM Peak</b>																
18:00	23:00	75:00	75:00	12:00	12:00	13:00	14:00	14:00	21:30	39:34	74:67	35:82	8:25	8:25	8:25	19:00
22:08	48.67	92.5	8.9	0	0	2	10	21	39	74	67	35	8	2	0	0



North Wales ATC 15, B5381 Roman Road

Direction: Westbound

06/05/2022																
Hour Beginning	Total Volume	ECM Percentage	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5-10	Bin 3 10-15	Bin 4 15-20	Bin 5 20-25	Bin 6 25-30	Bin 7 30-35	Bin 8 35-40	Bin 9 40-45	Bin 10 45-50	Bin 11 50-55	Bin 12 >55
00:00	1	-	37.5	-	0	0	0	0	0	0	0	0	0	0	0	0
01:00	1	-	52.5	-	0	0	0	0	0	0	0	0	0	0	0	1
02:00	1	-	52.5	-	0	0	0	0	0	0	0	0	0	0	0	1
03:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
04:00	1	-	22.5	-	0	0	0	0	1	0	0	0	0	0	0	0
05:00	1	-	37.5	-	0	0	0	0	0	0	1	0	0	0	0	0
06:00	6	47.0	35.8	10.8	0	0	0	0	1	1	1	1	1	1	0	1
07:00	34	43.2	35.9	6.1	0	0	0	0	1	1	2	3	8	5	2	0
08:00	83	42.5	35.1	7.2	0	0	0	3	6	9	17	27	17	4	0	0
09:00	58	42.6	33.3	8.0	0	0	1	3	10	5	11	15	8	1	0	0
10:00	57	37.9	30.7	7.0	0	0	0	3	13	9	12	17	3	0	0	0
11:00	70	35.5	28.4	6.9	0	0	3	5	13	17	22	8	2	0	0	0
12:00	71	37.9	30.7	6.9	0	0	0	4	11	18	20	12	4	2	0	0
13:00	82	38.7	31.2	7.2	0	1	0	3	14	16	19	23	5	1	0	0
14:00	72	39.0	32.0	6.8	0	0	0	6	5	13	19	24	5	0	0	0
15:00	59	38.9	31.4	8.2	0	0	0	5	10	11	11	14	6	1	1	0
16:00	100	40.8	33.1	7.4	0	0	1	1	17	13	26	23	5	1	0	0
17:00	122	39.6	32.5	6.8	0	0	1	4	16	14	40	35	9	3	0	0
18:00	99	40.0	33.1	6.7	0	0	0	2	12	15	31	25	12	1	1	0
19:00	46	39.4	32.7	6.5	0	0	0	2	3	9	15	12	4	1	0	0
20:00	15	46.1	38.5	7.4	0	0	0	0	0	1	5	3	4	0	2	0
21:00	14	39.5	33.9	5.3	0	0	0	0	1	1	7	3	2	0	0	0
22:00	11	42.4	34.3	7.8	0	0	0	0	0	4	4	0	1	2	0	0
23:00	6	42.1	35.0	6.9	0	0	0	0	1	0	1	3	1	0	0	0
Total																
201614-121	127	36.6	29.4	7.0	0	0	3	8	26	26	34	25	5	0	0	0
201614-140	111	39.4	31.7	7.4	0	0	0	11	15	24	30	38	11	1	1	0
12047-110	817	39.9	32.2	7.4	0	1	6	39	138	147	241	239	89	23	4	0
24040-240	1020	40.2	32.5	7.4	0	1	6	41	135	163	274	263	102	26	9	0
AM Peak	08:00	06:00	01:00	06:00	00:00	00:00	11:00	11:00	10:00	11:00	11:00	08:00	08:00	08:00	01:00	00:00
	83	47.8	52.5	10.8	0	0	3	5	13	17	22	27	17	4	1	0
PM Peak	17:00	20:00	20:00	15:00	12:00	13:00	16:00	14:00	16:00	12:00	17:00	17:00	16:00	16:00	20:00	12:00
	122	46.1	38.5	8.2	0	1	1	6	17	18	40	35	9	3	2	0

360 TSL Ltd

Direction: Eastbound

Hour	Total Volume	ECM Percentage	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5-10	Bin 3 10-15	Bin 4 15-20	Bin 5 20-25	Bin 6 25-30	Bin 7 30-35	Bin 8 35-40	Bin 9 40-45	Bin 10 45-50	Bin 11 50-55	Bin 12 >55
00:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	-	37.5	-	0	0	0	0	0	0	0	0	0	0	0	0
02:00	1	-	42.5	-	0	0	0	0	0	0	0	1	0	0	0	0
03:00	4	40.3	33.8	6.3	0	0	0	0	0	1	2	7	2	0	0	0
04:00	12	39.8	37.1	2.6	0	0	0	0	0	0	2	9	9	0	0	0
05:00	25	40.3	35.3	5.0	0	0	0	0	0	5	5	11	4	0	0	0
06:00	66	43.1	37.7	5.3	0	0	0	0	0	3	12	34	10	5	1	0
07:00	93	41.6	35.6	5.9	0	0	1	0	3	6	32	33	15	2	1	0
08:00	65	39.3	32.7	6.4	0	0	1	2	2	13	26	15	4	2	0	0
09:00	69	39.2	32.7	6.2	0	0	1	4	18	23	14	8	1	0	0	0
10:00	71	37.8	31.9	5.6	0	0	0	0	7	21	22	16	4	1	0	0
11:00	77	39.6	34.6	4.8	0	0	0	0	2	9	29	29	7	1	0	0
12:00	88	40.9	34.8	5.9	0	0	0	1	2	15	27	28	11	4	0	0
13:00	53	39.8	32.7	6.9	0	0	0	0	2	4	12	17	50	6	2	0
14:00	86	38.1	32.8	6.1	0	0	0	0	6	15	39	20	5	1	0	0
15:00	83	41.9	35.0	6.7	0	0	0	0	6	15	18	26	13	4	1	0
16:00	64	38.4	33.3	4.9	0	0	0	0	2	17	17	25	3	0	0	0
17:00	53	40.2	34.0	5.9	0	0	0	0	4	9	17	13	10	0	0	0
18:00	33	42.9	35.4	7.3	0	0	0	0	4	3	8	9	6	3	0	0
19:00	16	40.3	32.8	7.2	0	0	0	0	0	1	4	3	0	0	0	0
20:00	8	36.4	32.5	3.8	0	0	0	0	0	2	4	2	0	0	0	0
21:00	5	32.8	28.5	4.3	0	0	0	0	0	1	2	2	0	0	0	0
22:00	5	38.8	32.5	6.1	0	0	0	0	1	0	2	2	0	0	0	0
Total																
201610-121	140	38.5	32.3	5.9	0	0	1	0	11	39	45	30	12	2	0	0
201614-110	139	38.8	32.8	5.8	0	0	0	2	10	27	56	30	11	3	0	0
12047-110	868	40.2	34.1	6.0	0	0	3	5	43	153	279	263	96	23	3	0
24040-240	978	40.3	34.1	6.0	0	0	3	5	52	169	307	301	112	26	3	0
AM Peak	08:00	07:00	03:00	09:00	00:00	00:00	08:00	09:00	11:00	11:00	08:00	07:00	08:00	07:00	07:00	00:00
	93	42.1	42.5	8.4	0	0	1	2	7	21	32	34	10	5	1	0
PM Peak	17:00	19:00	19:00	16:00	13:00	13:00	13:00	14:00	15:00	17:00	15:00	13:00	16:00	13:00	16:00	12:00
	88	42.9	35.4	7.3	0	0	0	0	2	6	17	29	29	12	4	1

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	ECM Percentage	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5-10	Bin 3 10-15	Bin 4 15-20	Bin 5 20-25	Bin 6 25-30	Bin 7 30-35	Bin 8 35-40	Bin 9 40-45	Bin 10 45-50	Bin 11 50-55	Bin 12 >55
00:00	1	-	52.5	-	0	0	0	0	0	0	0	0	0	0	0	1
01:00	2	56.0	40.0	10.6	0	0	0	0	0	0	0	0	0	0	0	2
02:00	1	-	42.5	-	0	0	0	0	0	0	0	0	0	1	0	0
03:00	5	39.2	31.5	7.4	0	0	0	0	1	1	2	0	0	0	0	1
04:00	13	39.7	37.1	2.3	0	0	0	0	0	0	2	10	1	1	0	1
05:00	31	42.9	35.4	6.3	0	0	0	0	1	6	6	12	5	0	0	0
06:00	111	50.0	35.1	5.6	0	0	0	0	2	10	15	15	1	0	0	0
07:00	120	42.1	40.5	6.5	0	0	1	3	9	15	49	40	32	6	1	0
08:00	179	47.8	40.9	12.9	0	0	1	3	18	38	37	12	12	0	0	0
09:00	1200	122	38.7	31.8	6.6	0	1	3	17	27	35	31	11	1	0	0
10:00	141	38.9	30.2	6.5	0	3	5	20	38	44	44	24	0	0	0	0
11:00	1242	148.2	39.7	6.2	0	4	13	27	49	41	11	11	0	0	0	0
12:00	1300	170	40.1	33.0	6.8	0	1	4	16	31	46	51	16	5	0	0
13:00	1025	183	39.3	31.8	6.8	0	0	8	17	25	34	11	0	0	0	0
14:00	145	39.0	32.3	6.5	0	0	0	5	16	26	50	34	11	2	0	0
15:00	120	41.0	32.9	12.2	0	1	1	2	13	25	34	26	9	2	0	0
16:00	178	39.1	32.8	6.3	0	0	1	4	18	31	57	60	28	3	0	0
17:00	152	40.1	31.0	6.5	0	0	0	2	16	24	48	38	22	1	0	0
18:00	79	41.4	33.4	6.7	0	0	1	7	12	21	34	21	10	0	0	0
19:00	31	43.6	35.6	7.2	0	0	0	1	4	8	7	7	7	0	0	0
20:00	22	38.4	34.4	4.8	0	0	0	0	1	3	4	1	0	0	0	0
21:00	16	40.1	32.5	7.3	0	0	0	0	1	6	6	0	1	2	0	0
22:00	11	40.3	33.9	8.4	0	0	0	0	2	0	3	5	1	0	0	0
Total																
2023-12-01	267	37.8	30.9	6.6	0	0	4	8	37	65	79	55	17	2	0	0
2023-12-02	270	38.2	32.3	6.6	0	0	0	13	25	51	86	68	22	4	0	0
2023-12-03	178	40.1	32.1	6.8	0	1	0	44	33	55	58	58	18	1	0	0
2023-12-04	1998	40.3	33.3	6.8	0	1	9	46	187	332	581	564	214	52	12	0
2023-12-05	176	42.0	31.0	6.0	0.00	0.00	0.00	11.00	09.00	11.00	11.00	08.00	08.00	07.00	01.00	00.00
2023-12-06	176	36.6	52.5	10.8	0	0	1	3	21	37	49	40	32	7	1	0
2023-12-07	176	20.0	20.0	20.0	12.00	11.00	11.00	14.00	16.00	13.00	17.00	17.00	18.00	16.00	16.00	12.00
2023-12-08	176	20.0	20.0	20.0	12.00	11.00	11.00	14.00	16.00	13.00	17.00	17.00	18.00	16.00	16.00	12.00



North Wales ATC 15, B5381 Roman Road

Direction: Westbound

07/05/2022																
Hour Beginning	Total Volume	ECM Percentage	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5-10	Bin 3 10-15	Bin 4 15-20	Bin 5 20-25	Bin 6 25-30	Bin 7 30-35	Bin 8 35-40	Bin 9 40-45	Bin 10 45-50	Bin 11 50-55	
00:00	8	49.1	37.2	11.5	0	0	0	0	0	1	1	2	1	2	0	
01:00	1	-	42.5	-	0	0	0	0	0	0	0	0	0	1	0	
02:00	2	38.7	35.0	8.5	0	0	0	0	0	0	1	1	0	0	0	
03:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	
04:00	2	33.7	30.0	3.5	0	0	0	0	0	0	1	1	0	0	0	
05:00	2	46.0	35.0	10.0	0	0	0	0	0	0	0	1	0	0	2	
06:00	6	43.2	33.5	5.5	0	0	0	0	0	0	1	0	3	2	0	
07:00	11	43.9	33.0	10.0	0	0	0	1	1	0	2	3	0	1	0	
08:00	34	40.0	33.1	7.3	0	0	0	0	9	11	19	15	5	0	1	
09:00	60	39.8	32.6	6.9	0	0	0	0	3	17	19	25	17	5	0	
10:00	88	38.5	31.0	7.2	0	0	0	3	17	19	25	17	5	1	0	
11:00	110	39.5	30.8	8.3	0	0	3	7	14	29	21	22	8	2	1	
12:00	95	37.9	30.9	6.7	0	0	2	3	13	19	34	17	6	1	0	
13:00	94	38.7	29.7	8.7	0	0	0	16	18	13	17	18	9	3	0	
14:00	89	40.0	31.6	8.1	0	0	1	5	16	16	18	18	13	1	0	
15:00	71	40.2	32.3	7.7	0	0	1	4	8	13	15	19	10	1	0	
16:00	50	38.9	31.9	8.8	0	0	2	2	11	17	27	27	6	1	0	
17:00	49	41.8	32.4	9.0	0	0	1	3	9	7	6	12	8	3	0	
18:00	47	41.6	33.7	7.6	0	0	0	2	5	7	11	13	6	3	0	
19:00	25	42.2	36.9	5.1	0	0	0	0	0	2	7	9	6	1	0	
20:00	13	41.0	34.8	6.0	0	0	0	0	1	1	4	6	0	1	0	
21:00	12	50.0	39.4	10.3	0	0	0	0	0	3	1	3	2	1	1	
22:00	11	43.5	38.4	4.9	0	0	0	0	0	1	1	4	5	0	0	
23:00	5	48.9	39.5	9.1	0	0	0	0	0	0	1	0	2	1	0	
Total																
2H(0-12)	198	39.0	30.9	7.8	0	0	3	10	31	48	48	39	13	3	1	
2H(14-16)	160	40.1	31.9	7.9	0	0	2	9	24	29	33	37	23	2	1	
12H(7-19)	841	39.6	31.8	7.8	0	0	10	46	139	157	205	187	83	19	2	
24H(0-24)	828	40.2	32.1	7.8	0	0	10	46	131	160	222	216	103	22	4	
AM Peak	11:00	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	08:00	11:00	00:00
	110	48.1	42.5	11.5	0	0	3	7	17	29	25	22	8	2	1	1
PM Peak	12:00	21:00	23:00	21:00	12:00	12:00	13:00	13:00	12:00	12:00	16:00	14:00	13:00	14:00	21:00	21:00
	95	50.0	39.5	10.3	0	0	2	16	18	19	34	27	13	3	1	1

360 TSL Ltd

Direction: Eastbound

Hour Beginning	Total Volume	ECM Percentage	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5-10	Bin 3 10-15	Bin 4 15-20	Bin 5 20-25	Bin 6 25-30	Bin 7 30-35	Bin 8 35-40	Bin 9 40-45	Bin 10 45-50	Bin 11 50-55	Bin 12 >55
00:00	2	41.0	30.0	10.0	0	0	0	0	0	1	1	1	0	0	0	0
01:00	3	37.7	32.5	5.0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
03:00	1	-	37.5	-	0	0	0	0	0	0	0	0	0	0	0	0
04:00	2	49.8	42.5	7.1	0	0	0	0	0	0	0	0	1	0	1	0
05:00	3	33.8	30.8	2.9	0	0	0	0	0	0	1	2	0	0	0	0
06:00	10	41.7	34.0	7.5	0	0	0	0	1	1	3	3	2	0	0	0
07:00	24	43.2	34.6	8.3	0	1	0	0	0	3	6	7	5	1	0	0
08:00	33	41.7	35.4	6.1	0	0	0	0	0	6	8	11	5	2	0	0
09:00	60	38.2	31.3	6.7	0	0	3	0	3	19	16	17	1	1	0	0
10:00	62	38.5	32.6	5.7	0	0	1	4	7	30	15	4	0	0	0	0
11:00	80	39.6	32.4	7.0	0	0	0	3	9	15	26	18	6	2	1	0
12:00	58	37.0	32.6	4.2	0	0	0	0	2	12	29	13	2	0	0	0
13:00	72	39.0	32.6	6.2	0	0	0	1	7	15	24	20	3	1	1	0
14:00	79	40.9	33.7	7.0	0	0	0	1	7	14	27	17	7	5	1	0
15:00	80	40.0	33.6	6.2	0	0	0	0	7	14	27	21	9	1	1	0
16:00	71	41.0	33.8	6.9	0	1	0	0	4	14	20	22	7	2	1	0
17:00	59	42.5	34.8	7.4	0	0	0	2	2	9	16	21	4	0	1	0
18:00	52	41.6	35.2	6.1	0	0	0	0	1	10	16	13	10	1	1	0
19:00	27	40.7	34.9	5.6	0	0	0	0	1	5	5	13	2	1	0	0
20:00	20	44.0	36.3	7.8	0	0	0	0	0	4	3	4	6	2	0	0
21:00	12	41.6	33.3	7.9	0	0	0	1	0	1	7	2	0	0	1	0
22:00	10	43.5	37.5	5.8	0	0	0	0	0	0	0	3	6	0	0	1
23:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
Total																
2H(0-12)	142	39.1	32.5	6.4	0	0	1	4	13	22	56	33	10	2	1	0
2H(14-16)	159	40.5	33.7	6.6	0	0	0	1	14	28	54	38	16	6	2	0
12H(7-19)	780	40.1	33.4	6.5	0	2	4	8	48	138	245	195	63	10	6	0
24H(0-24)	820	40.4	33.6	6.6	0	2	4	11	50	151	269	237	73	14	8	0
AM Peak	11:00	04:00	04:00	02:00	00:00	07:00	09:00	11:00	11:00	09:00	10:00	11:00	11:00	08:00	11:00	00:00
	80	49.8	42.5	10.6	0	1	3	9	9	19	39	38	8	2	1	0
PM Peak	15:00	20:00	23:00	21:00	12:00	16:00	13:00	17:00	13:00	13:00	12:00	16:00	14:00	13:00	17:00	17:00
	89	44.5	37.5	7.8	0	1	0	2	7	15	29	22	10	5	1	1

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	ECM Percentage	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5-10	Bin 3 10-15	Bin 4 15-20	Bin 5 20-25	Bin 6 25-30	Bin 7 30-35	Bin 8 35-40	Bin 9 40-45	Bin 10 45-50	Bin 11 50-55	Bin 12 55-60
00:00	10	47.3	35.8	11.2	0	0	0	0	2	2	2	2	0	0	1	0
01:00	4	41.7	35.0	6.5	0	0	0	0	0	1	1	1	1	0	0	0
02:00	2	38.7	35.0	3.5	0	0	0	0	0	1	1	0	0	0	0	2
03:00	1	-	37.5	-	0	0	0	0	0	0	0	1	0	0	0	0
04:00	4	45.1	36.5	8.5	0	0	0	0	0	1	1	1	1	0	1	0
05:00	5	38.8	32.5	6.1	0	0	0	0	0	2	2	0	0	0	1	0
06:00	16	42.4	35.3	6.8	0	0	0	1	0	2	3	6	4	0	0	0
07:00	35	43.4	34.1	9.0	0	1	0	1	4	4	6	9	8	2	0	0
08:00	67	43.2	34.2	6.8	0	0	0	0	7	11	18	18	9	4	0	0
09:00	120	39.0	31.9	6.8	0	0	3	0	9	12	30	35	12	6	1	0
10:00	150	38.6	31.7	6.7	0	0	1	4	21	26	55	32	9	1	1	0
11:00	190	39.6	31.5	7.8	0	0	3	10	21	44	49	40	4	2	1	0
12:00	153	37.7	31.6	6.0	0	0	2	3	15	31	63	30	8	1	0	0
13:00	186	39.1	31.9	7.8	0	0	0	17	25	28	41	38	12	4	1	0
14:00	168	40.5	32.6	7.7	0	0	1	6	23	30	45	35	20	6	2	0
15:00	151	40.2	33.0	6.9	0	0	1	4	15	27	42	40	19	2	1	0
16:00	164	39.3	32.7	6.9	0	1	2	5	31	47	49	33	3	1	1	0
17:00	108	42.2	33.7	8.2	0	0	1	5	11	16	22	33	12	7	0	0
18:00	99	41.6	34.5	6.9	0	0	0	2	6	17	27	26	16	3	1	0
19:00	52	41.5	35.9	5.4	0	0	0	0	1	7	12	22	8	2	0	0
20:00	33	43.1	35.7	7.2	0	0	0	1	1	5	7	10	6	3	0	0
21:00	24	46.2	36.4	9.5	0	0	0	0	1	8	5	2	1	2	1	0
22:00	21	43.4	38.0	5.2	0	0	0	0	0	1	4	10	5	0	1	0
23:00	5	48.9	39.5	9.1	0	0	0	0	0	1	0	2	1	0	1	0
Total																
2H(0-12)	340	39.1	31.6	7.3	0	0	4	14	44	70	104	72	23	5	2	0
2H(14-16)	319	40.4	32.8	7.3	0	0	2	10	38	57	87	75	39	8	3	0
12H(7-19)	1571	39.5	32.4	7.3	0	2	14	54	177	295	450	382	146	39	8	0
24H(0-24)	1748	40.4	32.8	7.3	0	2	14	57	181	320	491	443	176	46	12	6
AM Peak 11:00	00:00	00:00	00:00	00:00	00:00	00:00	00:00	00:00	00:00	11:00	11:00	11:00	11:00	11:00	11:00	00:00
PM Peak 16:00	00:00	00:00	00:00	00:00	00:00	00:00	00:00	00:00	00:00	16:00	16:00	16:00	16:00	16:00	16:00	00:00
155	48.3	35.5	2	11.2	0	0	0	0	0	0	0	0	0	0	0	0
186	48.3	35.5	2	11.2	0	0	0	0	0	0	0	0	0	0	0	0



North Wales ATC 15, B5381 Roman Road

Direction: Westbound

08/05/2022

Hour Beginning	Total Volume	ESD Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5-10	Bin 3 10-15	Bin 4 15-20	Bin 5 20-25	Bin 6 25-30	Bin 7 30-35	Bin 8 35-40	Bin 9 40-45	Bin 10 45-50	Bin 11 50-55	Bin 12 >=55
00:00	1	-	42.5	-	0	0	0	0	0	0	1	0	0	0	0	0
01:00	4	46.7	42.5	4.1	0	0	0	0	0	0	0	0	1	2	1	0
02:00	1	-	27.5	-	0	0	0	0	0	0	1	0	0	0	0	0
03:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
04:00	1	-	32.5	-	0	0	0	0	0	0	1	0	0	0	0	0
05:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
06:00	5	45.3	38.5	6.5	0	0	0	0	0	1	0	1	3	0	0	0
07:00	10	49.0	39.5	8.2	0	0	0	0	0	1	0	1	3	0	1	0
08:00	19	37.4	30.4	6.7	0	0	0	0	0	6	3	4	5	1	0	0
09:00	18	41.3	33.0	8.0	0	0	0	0	4	1	5	6	13	7	0	0
10:00	53	40.9	31.7	8.8	0	0	0	5	9	9	9	13	4	3	1	0
11:00	97	37.4	29.0	8.0	0	0	1	13	18	23	19	15	4	4	0	0
12:00	74	38.9	31.5	7.1	0	0	1	4	10	8	31	13	5	2	0	0
13:00	55	39.2	30.7	8.2	0	0	1	3	13	9	10	11	7	1	0	0
14:00	74	39.8	31.6	8.0	0	0	1	8	7	11	18	20	8	1	0	0
15:00	63	39.1	30.9	7.9	0	1	1	2	8	18	13	13	6	0	1	0
16:00	52	41.1	32.1	8.7	0	0	0	4	13	10	10	11	10	4	0	0
17:00	50	41.5	34.9	6.8	0	0	0	1	4	5	10	20	30	0	0	0
18:00	27	40.6	34.4	6.1	0	0	0	0	2	5	5	12	2	1	0	0
19:00	29	43.4	35.6	7.5	0	0	0	1	1	4	7	8	6	1	1	0
20:00	23	45.3	37.0	8.0	0	0	0	0	0	3	10	3	3	3	0	1
21:00	8	43.3	38.1	5.0	0	0	0	0	0	0	2	4	1	1	0	0
22:00	1	-	47.5	-	0	0	0	0	0	0	0	0	0	1	0	0
23:00	3	58.5	43.3	14.6	0	0	0	0	0	0	1	1	0	0	0	1
Total																
2H(0-12)	150	38.7	30.0	8.4	0	0	1	18	27	32	28	28	8	7	1	0
2H(14-16)	117	39.5	31.3	7.9	0	1	2	10	15	29	31	33	14	1	1	0
12H(7-19)	622	39.9	31.7	8.0	0	1	5	44	94	106	117	149	64	19	3	0
24H(0-24)	1081	40.7	32.3	8.1	0	1	5	45	95	115	118	167	80	26	4	2
AM Peak	11:00	07:00	00:00	07:00	00:00	00:00	11:00	11:00	11:00	11:00	11:00	11:00	09:00	11:00	07:00	00:00
	97	48.8	42.5	9.2	0	0	1	13	18	23	19	15	7	4	1	0
PM Peak	12:00	23:00	22:00	23:00	12:00	15:00	12:00	14:00	13:00	15:00	12:00	14:00	16:00	16:00	15:00	20:00
	74	58.5	47.5	14.6	0	1	1	8	13	18	31	20	10	4	1	1

360 TSL Ltd

Direction: Eastbound

Hour Beginning	Total Volume	ESD Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5-10	Bin 3 10-15	Bin 4 15-20	Bin 5 20-25	Bin 6 25-30	Bin 7 30-35	Bin 8 35-40	Bin 9 40-45	Bin 10 45-50	Bin 11 50-55	Bin 12 >=55
00:00	4	44.0	36.3	7.5	0	0	0	0	0	1	1	0	2	0	0	0
01:00	2	33.7	30.0	3.5	0	0	0	0	0	1	0	0	0	0	0	0
02:00	3	42.2	39.2	2.9	0	0	0	0	0	0	2	1	0	0	0	0
03:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
04:00	3	62.0	45.0	16.4	0	0	0	0	0	1	0	0	0	1	0	1
05:00	5	40.4	34.5	5.7	0	0	0	0	0	1	2	1	0	0	0	0
06:00	6	44.3	32.5	11.4	0	0	1	0	0	0	1	1	2	0	0	0
07:00	15	40.5	36.5	5.9	0	0	0	0	0	1	3	9	2	0	0	0
08:00	22	41.9	35.0	6.7	0	0	0	0	0	4	6	3	2	0	0	0
09:00	52	38.1	32.9	5.0	0	0	1	1	13	17	18	2	0	0	0	0
10:00	55	40.8	33.6	6.9	0	1	1	0	3	5	20	18	5	1	0	0
11:00	92	39.3	33.3	5.8	0	0	0	2	2	19	37	24	5	2	1	0
12:00	84	39.4	34.5	4.8	0	0	1	0	0	9	36	31	6	1	0	0
13:00	88	39.7	33.4	6.2	0	0	0	0	7	17	34	29	7	3	1	0
14:00	64	40.5	34.1	6.2	0	0	1	0	2	10	24	29	6	1	1	0
15:00	62	39.1	32.0	6.9	0	0	0	1	2	21	25	21	6	0	0	0
16:00	67	40.8	35.1	5.5	0	0	0	0	2	11	17	26	9	2	0	0
17:00	45	42.1	36.0	6.8	0	0	0	1	0	5	15	14	7	2	0	0
18:00	49	39.8	33.6	6.0	0	0	0	4	7	20	12	5	0	1	0	0
19:00	22	45.9	37.2	8.5	0	0	0	0	0	5	4	7	3	1	1	1
20:00	20	41.4	35.8	5.4	0	0	0	0	0	7	9	1	0	1	0	0
21:00	11	44.3	38.0	6.1	0	0	0	0	0	1	2	5	1	2	0	0
22:00	3	43.7	40.0	3.5	0	0	0	0	0	0	1	1	0	1	0	0
23:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
Total																
2H(0-12)	147	39.8	33.4	6.2	0	1	1	2	5	24	57	46	10	3	1	0
2H(14-16)	146	39.8	32.9	4.6	0	2	1	1	7	31	49	40	12	2	1	0
12H(7-19)	715	40.1	33.8	6.0	0	3	3	5	26	125	252	238	63	15	4	1
24H(0-24)	793	40.6	34.1	6.3	0	3	4	5	36	138	270	244	75	19	6	3
AM Peak	11:00	04:00	04:00	04:00	00:00	10:00	06:00	11:00	10:00	11:00	11:00	11:00	10:00	08:00	11:00	04:00
	92	62.8	45.8	18.4	0	1	1	2	3	19	37	24	5	2	1	1
PM Peak	12:00	19:00	22:00	23:00	12:00	15:00	12:00	15:00	13:00	15:00	12:00	12:00	16:00	13:00	17:00	17:00
	88	45.9	40.0	8.5	0	2	1	1	7	21	26	21	9	3	1	1

360 TSL Ltd

Direction: Total Flow																
Hour	Total Volume	ESD Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5-10	Bin 3 10-15	Bin 4 15-20	Bin 5 20-25	Bin 6 25-30	Bin 7 30-35	Bin 8 35-40	Bin 9 40-45	Bin 10 45-50	Bin 11 50-55	Bin 12 >=55
00:00	5	44.8	37.5	7.1	0	0	0	0	0	1	1	0	3	0	0	0
01:00	6	46.0	38.3	7.4	0	0	0	0	0	1	1	1	2	1	0	0
02:00	4	42.8	36.3	6.3	0	0	0	0	0	1	0	2	1	0	0	0
03:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
04:00	4	17.7	41.9	14.8	0	0	0	0	0	1	1	0	0	0	1	0
05:00	5	40.4	34.5	5.7	0	0	0	0	0	1	2	1	1	0	0	0
06:00	11	45.2	35.2	8.6	0	0	0	0	0	2	1	1	2	0	0	0
07:00	25	44.5	37.7	6.5	0	0	0	0	1	1	5	12	3	3	1	0
08:00	41	40.1	32.9	7.0	0	0	0	0	6	10	8	11	4	2	0	0
09:00	90	39.6	32.9	6.4	0	0	0	4	18	23	31	9	0	0	0	0
10:00	108	40.9	32.7	7.9	0	1	1	5	12	14	29	32	9	4	1	0
11:00	189	38.7	32.1	7.3	0	0	0	15	20	42	56	39	9	6	2	0
12:00	158	39.4	33.1	6.2	0	0	2	4	10	17	67	44	11	3	0	0
13:00	143	39.7	32.7	7.3	0	0	0	3	20	26	44	36	14	4	1	0
14:00	158	40.3	32.7	7.3	0	0	2	8	9	21	42	39	14	2	1	0
15:00	145	39.1	32.5	7.3	0	3	1	3	13	39	38	34	12	1	1	0
16:00	129	41.3	33.7	7.4	0	0	0	4	15	21	27	37	18	6	0	0
17:00	95	42.2	35.4	6.6	0	0	0	2	4	10	25	34	17	2	0	1
18:00	76	40.1	33.9	6.0	0	0	0	0	6	13	25	24	7	0	0	0
19:00	51	44.4	36.3	7.9	0	0	0	1	1	9	11	15	9	2	2	1
20:00	43	43.6	36.4	6.9	0	0	0	0	0	5	17	12	4	3	1	1
21:00	19	43.7	38.0	5.5	0	0	0	0	0	1	9	2	1	0	0	0
22:00	3	47.7	42.5	5.0	0	0	0	0	0	0	0	0	1	1	0	0
23:00	1	58.5	43.3	14.6	0	0	0	0	0	0	1	1	0	0	0	1
Total																
2H(0-12)	297	39.5	31.7	7.6	0	1	2	20	32	56	85	71	18	10	2	0
2H(14-16)	283	39.7	32.1	7.3	0	3	3	11	22	60	80	79	26	3	2	0
12H(7-19)	1337	40.2	32.8	7.1	0	4	8	49	120	231	389	367	137	34	7	1
24H(0-24)	1491	40.8	33.2	7.3	0	4	9	50	121	253	428	411	155	45	10	5
Hour	11:00	04:00	04:00	04:00	00:00	00:00	06:00	11:00	11:00	11:00	11:00	11:00	09:00	11:00	07:00	04:00
Flow	23.00	18.00	18.00	18.00	18.00	18.00	18.00	22.00	22.00	22.00	22.00	22.00	22.00	22.00	22.00	22.00
Flow	13.00	23.00	23.00	23.00	12.00	15.00	12.00	14.00	13.00	15.00	13.00	13.00	16.00	16.00	19.00	17.00
Flow	13.00	18.00	42.00	18.00	0	3	2	2	8	20	39	67	44	35	6	2



North Wales ATC 15, B5381 Roman Road

Direction: Westbound

09/05/2022																			
Hour Beginning	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5-10	Bin 3 10-15	Bin 4 15-20	Bin 5 20-25	Bin 6 25-30	Bin 7 30-35	Bin 8 35-40	Bin 9 40-45	Bin 10 45-50	Bin 11 50-55	Bin 12 >55			
00:00	2	38.7	30.8	5.5	-	0	0	0	0	0	0	0	0	0	0	0			
01:00	1	-	37.5	-	0	0	0	0	0	0	0	0	1	0	0	0			
02:00	2	37.5	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0			
03:00	1	-	42.5	-	0	0	0	0	0	0	0	0	0	1	0	0			
04:00	3	38.7	30.8	7.6	0	0	0	0	1	0	1	1	0	0	0	0			
05:00	2	47.2	32.5	18.1	0	0	0	0	1	0	0	0	1	0	0	0			
06:00	11	47.7	40.7	6.8	0	0	0	0	0	1	0	0	5	2	2	1			
07:00	32	42.9	35.8	6.9	0	0	0	0	1	0	0	0	6	8	1	1			
08:00	79	40.7	31.6	8.8	0	0	1	6	13	15	17	14	7	4	2	0			
09:00	17	37.2	30.4	6.5	0	0	0	4	8	14	16	12	0	0	0	0			
10:00	54	38.0	29.7	8.0	0	0	2	5	7	13	13	9	4	1	0	0			
11:00	67	40.3	32.0	8.0	0	0	1	4	10	11	10	20	4	1	1	0			
12:00	58	37.9	29.6	8.1	0	0	1	5	12	13	14	7	3	3	0	0			
13:00	51	39.1	30.2	8.5	0	0	1	3	11	12	10	8	4	0	2	0			
14:00	80	38.7	32.2	6.3	0	0	0	4	8	11	28	25	3	1	0	0			
15:00	79	38.9	31.1	7.6	0	0	2	6	7	13	29	16	4	1	1	0			
16:00	97	39.1	32.0	6.9	0	0	0	0	5	14	13	32	39	0	1	0			
17:00	128	40.8	32.9	7.6	0	0	1	5	19	16	31	35	36	5	0	0			
18:00	71	40.8	33.1	7.4	0	0	0	0	3	9	11	16	59	11	2	0			
19:00	33	45.8	38.3	7.3	0	0	0	0	0	1	6	34	5	3	1	1			
20:00	14	48.1	42.1	5.7	0	0	0	0	0	0	1	4	6	1	2	0			
21:00	10	40.8	37.0	5.7	0	0	0	0	0	0	0	3	5	2	0	0			
22:00	7	48.8	41.8	6.7	0	0	0	0	0	0	1	2	2	1	1	0			
23:00	4	51.0	38.8	11.8	0	0	0	0	0	1	0	0	1	0	2	0			
Total																			
2H(10-12)	121	39.3	31.0	8.0	0	0	3	9	17	24	23	34	8	2	1	0			
2H(14-16)	109	38.8	31.7	6.9	0	0	2	10	15	24	57	41	7	2	1	0			
12H(7-19)	883	39.7	31.7	7.7	0	0	9	48	122	148	225	199	79	20	7	0			
24H(0-24)	863	40.6	32.4	7.8	0	0	9	48	126	151	238	231	98	29	12	1			
AM Peak	08:00	05:00	03:00	01:00	00:00	00:00	10:00	08:00	06:00	04:00	03:00	01:00	07:00	05:00	03:00	01:00			
	79	47.7	42.5	14.1	0	0	2	6	13	15	17	25	8	4	2	0			
PM Peak	17:00	23:00	20:00	23:00	12:00	12:00	15:00	15:00	17:00	17:00	16:00	17:00	17:00	17:00	13:00	19:00			
	128	51.0	42.1	11.8	0	0	2	6	19	16	32	35	36	5	2	1			

360 TSL Ltd

Direction: Eastbound

Hour Beginning	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5-10	Bin 3 10-15	Bin 4 15-20	Bin 5 20-25	Bin 6 25-30	Bin 7 30-35	Bin 8 35-40	Bin 9 40-45	Bin 10 45-50	Bin 11 50-55	Bin 12 >55			
00:00	1	-	42.5	-	0	0	0	0	0	0	0	0	0	1	0	0			
01:00	1	-	60.0	-	0	0	0	0	0	0	0	0	0	0	0	1			
02:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0			
03:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0			
04:00	2	27.5	27.5	0.0	0	0	0	0	0	2	0	0	0	0	0	0			
05:00	8	44.6	38.1	8.2	0	0	0	0	0	1	1	1	2	0	0	0			
06:00	29	42.5	38.2	4.2	0	0	0	0	0	1	4	15	8	1	0	0			
07:00	91	42.5	36.2	6.1	0	0	0	2	4	4	25	29	25	2	0	0			
08:00	111	40.7	34.3	6.1	0	0	0	2	7	0	31	40	33	3	0	0			
09:00	82	39.0	33.0	5.8	0	0	1	0	4	16	33	21	6	0	1	0			
10:00	64	40.7	32.1	6.3	0	0	2	1	7	15	18	15	3	0	2	1			
11:00	60	37.6	32.6	4.8	0	0	0	0	3	13	28	13	2	1	0	0			
12:00	60	38.0	30.6	7.1	0	0	2	4	7	26	30	4	0	0	0	0			
13:00	71	39.4	32.8	6.4	0	0	0	3	11	16	24	27	6	2	0	0			
14:00	67	39.0	32.9	5.9	0	0	0	0	4	18	23	14	6	2	0	0			
15:00	67	40.6	34.0	6.4	0	0	0	1	1	17	23	12	9	4	0	0			
16:00	71	42.6	36.5	5.9	0	0	0	0	0	6	25	26	9	3	1	1			
17:00	81	39.9	33.7	6.0	0	0	0	0	5	19	22	25	8	1	1	0			
18:00	52	38.7	33.7	4.9	0	0	0	0	1	13	15	39	4	0	0	0			
19:00	17	41.4	36.3	4.9	0	0	0	0	0	5	6	7	2	1	0	0			
20:00	13	42.9	38.3	4.5	0	0	0	0	0	1	6	3	0	0	0	0			
21:00	11	39.6	33.9	5.5	0	0	0	0	1	1	4	4	1	0	0	0			
22:00	7	42.6	36.1	6.3	0	0	0	0	0	1	1	0	1	0	0	0			
23:00	1	-	37.5	-	0	0	0	0	0	0	0	1	0	0	0	0			
Total																			
2H(10-12)	124	39.4	32.3	6.8	0	0	2	1	10	28	46	28	5	1	2	1			
2H(14-16)	134	39.8	33.5	6.1	0	0	0	1	5	35	46	28	35	6	0	0			
12H(7-19)	877	40.3	33.7	6.4	0	0	5	13	46	159	293	241	95	18	5	2			
24H(0-24)	967	40.6	34.0	6.4	0	0	5	13	47	166	313	280	122	35	5	3			
AM Peak	08:00	05:00	03:00	01:00	00:00	00:00	10:00	07:00	06:00	04:00	03:00	01:00	07:00	05:00	03:00	01:00			
	111	44.6	40.8	8.3	0	0	2	7	7	16	33	40	20	3	2	1			
PM Peak	17:00	20:00	20:00	22:00	12:00	12:00	13:00	12:00	12:00	17:00	12:00	16:00	15:00	15:00	16:00	16:00			
	81	42.9	38.9	7.1	0	0	2	4	7	19	26	26	8	4	1	1			

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5-10	Bin 3 10-15	Bin 4 15-20	Bin 5 20-25	Bin 6 25-30	Bin 7 30-35	Bin 8 35-40	Bin 9 40-45	Bin 10 45-50	Bin 11 50-55	Bin 12 >55	
00:00	3	42.7	37.5	5.0	0	0	0	0	0	0	1	1	1	0	0	0	1
01:00	2	65.2	48.8	15.9	0	0	0	0	0	0	0	0	0	1	0	0	1
02:00	2	37.5	37.5	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	1	-	42.5	-	0	0	0	0	0	0	0	0	0	1	0	0	0
04:00	5	35.4	29.5	5.7	0	0	0	0	0	1	1	1	1	0	0	0	0
05:00	40	44.1	38.9	5.1	0	0	0	0	0	2	4	20	20	3	1	0	0
06:00	123	42.1	36.1	6.3	0	0	0	1	5	10	34	35	33	3	1	0	0
07:00	190	40.9	33.2	7.5	0	0	1	8	20	30	48	54	20	7	2	0	0
08:00	139	38.4	32.0	6.2	0	0	1	4	12	20	49	33	9	0	1	0	0
09:00	118	39.5	31.0	8.2	0	0	4	6	14	28	31	24	7	1	2	1	0
10:00	127	39.2	32.3	6.7	0	0	1	4	11	24	28	28	6	2	1	0	0
11:00	118	37.9	30.1	7.6	0	0	3	9	19	20	40	27	7	3	0	0	0
12:00	122	39.4	31.7	7.4	0	0	1	6	14	28	34	25	30	2	0	0	0
13:00	147	38.8	32.5	6.1	0	0	4	12	29	51	39	9	3	0	0	0	0
14:00	146	39.8	32.4	7.2	0	0	2	7	8	30	52	28	13	5	1	0	0
15:00	168	41.0	33.9	6.8	0	0	0	0	3	19	57	45	21	4	1	1	0
16:00	209	40.5	33.2	7.1	0	0	1	5	24	35	53	60	24	6	1	0	0
17:00	209	42.1	36.1	6.3	0	0	0	0	0	18	34	58	48	17	1	0	0
18:00	190	40.9	33.2	7.5	0	0	1	8	20	30	48	54	20	7	2	0	0
19:00	50	44.5	37.7	6.6	0	0	0	1	3	12	21	7	4	1	1	0	0
20:00	27	45.9	40.3	5.4	0	0	0	0	0	4	10	9	2	2	1	0	0
21:00	21	40.9	33.4	4.8	0	0	0	0	1	1	7	9	4	1	0	0	0
22:00	14	46.1	38.9	6.9	0	0	0	0	1	0	5	2	2	1	0	0	0
23:00	5	49.3	39.5	10.2	0	0	0	0	1	0	0	2	0	2	0	0	0
Total																	
2PM-12M	245	39.4	31.7	7.5	0	0	5	10	27	52	69	62	13	3	3	1	0
12M-1PM	203	39.4	32.5	6.6	0	0	3	11	20	59	103	67	22	8	1	0	0
12M-12M	245	40.5	33.2	7.5	0	0	17	14	61	168	107	518	176	17	12	1	0
12M-12M	1930	40.7	33.2	7.2	0	0	14	61	161	373	517	551	511	220	52	17	4
AM Peak	08:00	61:00	05:00	00:00	00:00	00:00	00:00	12:00	12:00	12:00	17:40	17:40	17:40	17:40	17:00	13:00	16:40
PM Peak	17:00	23:00	20:00	19:00	18:00	17:00	16:00	15:00	14:00	13:00	12:00	11:00	10:00	09:00	08:00	07:00	06:00
	200	48.1	49.3	10.2	0	0	0	0	0	24	35	47	67	40	20	10	0



North Wales ATC 15, B5381 Roman Road

Direction: Westbound

10/05/2022																
Hour Beginning	Total Volume	ECN Percentage	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5-10	Bin 3 10-15	Bin 4 15-20	Bin 5 20-25	Bin 6 25-30	Bin 7 30-35	Bin 8 35-40	Bin 9 40-45	Bin 10 45-50	Bin 11 50-55	Bin 12 >55
00:00	1	-	42.5	-	0	0	0	0	0	0	0	0	0	0	0	0
01:00	1	-	42.5	-	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
03:00	1	-	37.5	-	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
05:00	3	28.8	25.8	2.9	0	0	0	0	0	0	0	0	0	0	0	0
06:00	7	42.8	38.9	3.8	0	0	0	0	0	0	0	1	3	0	0	0
07:00	30	42.9	34.0	8.6	0	0	0	0	0	4	4	6	8	5	1	0
08:00	73	43.2	34.7	8.2	0	0	0	3	10	7	10	25	12	5	1	0
09:00	69	39.5	31.6	7.6	0	0	0	4	11	11	13	18	15	4	4	0
10:00	57	39.8	31.7	7.8	0	0	1	2	10	10	12	15	5	2	0	0
11:00	58	38.0	30.3	7.4	0	0	1	5	9	10	16	14	2	1	0	0
12:00	72	38.4	31.6	6.6	0	0	1	2	7	19	20	16	7	0	0	0
13:00	62	39.4	31.1	8.0	0	0	0	0	2	18	9	11	11	10	1	0
14:00	58	40.0	31.4	8.3	0	0	0	0	8	7	5	18	12	6	2	0
15:00	58	43.4	35.1	8.0	0	0	0	2	7	3	15	15	12	2	2	0
16:00	59	41.0	35.2	7.5	0	0	0	1	9	14	14	16	10	5	0	0
17:00	120	41.7	34.3	7.2	0	1	1	1	9	14	37	35	16	5	1	0
18:00	74	42.6	33.9	7.5	0	0	0	3	9	5	23	21	10	1	2	0
19:00	33	42.9	33.9	8.7	0	0	2	1	1	7	7	12	6	1	0	0
20:00	19	45.7	36.4	8.9	0	0	1	0	1	1	3	7	4	1	1	0
21:00	15	47.7	38.7	8.7	0	0	0	0	1	0	4	5	2	2	0	0
22:00	10	42.4	37.5	4.7	0	0	0	0	0	1	1	5	3	0	0	0
23:00	3	38.7	35.8	7.6	0	0	0	0	0	1	0	1	0	0	0	0
Total																
2H(0-12)	115	38.9	31.0	7.6	0	0	2	7	19	20	28	29	7	3	0	0
2H(14-16)	116	41.9	33.2	8.3	0	0	0	10	14	8	33	27	18	4	2	0
12H(7-19)	824	41.1	33.1	7.8	0	1	9	33	133	113	260	233	101	29	8	1
24H(0-24)	917	41.5	33.3	7.8	0	1	8	36	117	118	217	207	121	33	9	2
AM Peak	08:00	08:00	08:00	07:00	00:00	00:00	07:00	11:00	09:00	09:00	09:00	08:00	08:00	08:00	07:00	00:00
	73	43.2	42.5	8.6	0	0	1	5	11	13	18	25	12	5	1	0
PM Peak	17:00	21:00	21:00	20:00	12:00	17:00	19:00	14:00	13:00	12:00	17:00	16:00	17:00	16:00	15:00	16:00
	120	42.7	38.7	8.9	0	1	2	8	18	19	37	36	16	5	2	1

360 TSL Ltd

Direction: Eastbound

Hour Beginning	Total Volume	ECN Percentage	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5-10	Bin 3 10-15	Bin 4 15-20	Bin 5 20-25	Bin 6 25-30	Bin 7 30-35	Bin 8 35-40	Bin 9 40-45	Bin 10 45-50	Bin 11 50-55	Bin 12 >55
00:00	3	47.7	42.5	5.0	0	0	0	0	0	0	0	1	1	1	0	0
01:00	2	37.5	37.5	0.0	0	0	0	0	0	0	0	2	0	0	0	0
02:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
03:00	1	-	37.5	-	0	0	0	0	0	0	0	1	0	0	0	0
04:00	3	42.1	34.2	7.6	0	0	0	0	0	1	1	0	1	0	0	0
05:00	11	48.2	37.5	7.1	0	0	0	0	0	2	1	5	2	0	0	0
06:00	25	48.2	38.3	4.7	0	0	0	0	0	2	3	9	11	0	0	0
07:00	80	43.3	37.8	5.3	0	0	0	1	0	2	16	38	20	2	0	1
08:00	106	42.0	36.2	5.6	0	0	0	0	0	2	12	27	41	19	4	1
09:00	80	38.2	32.1	5.9	0	0	0	2	7	18	27	23	2	0	1	0
10:00	58	38.2	33.4	6.6	0	0	0	0	0	12	24	18	2	0	0	0
11:00	55	37.2	32.3	4.7	0	0	0	0	4	12	22	16	1	0	0	0
12:00	62	39.7	33.4	6.1	0	0	0	2	1	14	21	17	6	0	1	0
13:00	86	40.3	33.2	6.9	0	0	0	1	11	15	21	29	7	1	0	0
14:00	65	38.6	32.0	6.3	0	1	0	0	4	20	20	13	7	0	0	0
15:00	77	43.0	36.0	6.8	0	0	0	0	0	14	22	20	15	2	1	0
16:00	80	42.5	35.7	6.6	0	0	0	2	0	11	24	24	15	3	0	1
17:00	49	40.9	33.4	7.2	0	1	1	2	7	12	23	16	10	0	0	0
18:00	46	41.1	34.0	6.8	0	0	1	0	1	10	15	11	5	3	0	0
19:00	24	44.1	35.6	8.2	0	0	0	0	0	2	4	7	4	3	1	0
20:00	13	42.3	36.7	5.3	0	0	0	0	0	0	4	5	2	1	0	0
21:00	11	45.4	35.2	9.8	0	0	0	1	1	2	0	2	4	1	0	0
22:00	5	37.7	32.5	5.0	0	0	0	0	0	0	1	2	0	0	0	0
23:00	3	37.2	34.2	2.9	0	0	0	0	0	0	2	1	0	0	0	0
Total																
2H(0-12)	113	37.8	32.9	4.7	0	0	0	0	5	24	46	34	3	1	0	0
2H(14-16)	142	41.3	34.2	6.8	0	1	0	0	5	34	42	33	12	2	1	0
12H(7-19)	884	40.9	34.3	6.4	0	2	2	10	39	152	262	280	131	17	5	4
24H(0-24)	965	41.2	34.5	6.5	0	2	2	11	42	166	281	312	135	33	7	4
AM Peak	08:00	00:00	00:00	04:00	00:00	00:00	00:00	09:00	09:00	09:00	08:00	08:00	07:00	08:00	00:00	07:00
	106	42.7	42.5	7.6	0	0	0	0	2	7	18	27	41	19	4	1
PM Peak	17:00	21:00	20:00	21:00	12:00	14:00	17:00	12:00	13:00	14:00	16:00	17:00	15:00	16:00	15:00	19:00
	89	45.4	36.7	9.8	0	1	1	2	11	29	24	30	15	3	2	1

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	ECN Percentage	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5-10	Bin 3 10-15	Bin 4 15-20	Bin 5 20-25	Bin 6 25-30	Bin 7 30-35	Bin 8 35-40	Bin 9 40-45	Bin 10 45-50	Bin 11 50-55	Bin 12 >55
00:00	4	48.7	42.5	4.1	0	0	0	0	0	0	0	1	2	1	0	0
01:00	3	42.2	39.2	2.9	0	0	0	0	0	0	0	0	2	1	0	0
02:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
03:00	2	37.5	37.5	0.0	0	0	0	0	0	0	0	2	0	0	0	0
04:00	3	42.1	34.2	7.6	0	0	0	0	0	0	1	1	0	1	0	0
05:00	14	43.1	35.0	8.0	0	0	0	0	0	1	4	1	5	2	0	1
06:00	12	43.1	34.4	4.5	0	0	0	0	0	2	4	12	14	0	0	0
07:00	110	43.5	36.8	6.5	0	0	1	1	4	6	22	46	25	3	1	0
08:00	179	42.6	35.6	6.8	0	0	0	3	12	19	37	66	31	9	2	0
09:00	149	38.8	31.9	6.7	0	0	6	18	31	45	38	6	4	1	0	0
10:00	115	39.2	32.6	6.4	0	0	1	2	11	22	36	33	7	3	0	0
11:00	112	37.8	31.2	6.2	0	0	1	5	12	22	28	10	0	0	0	0
12:00	134	39.1	32.4	6.4	0	0	1	4	8	33	41	33	13	0	1	0
13:00	148	40.0	32.3	7.4	0	0	0	3	29	24	32	40	17	2	0	0
14:00	123	39.3	31.7	7.3	0	1	0	8	11	25	38	25	13	2	0	0
15:00	135	42.8	35.6	7.3	0	0	0	2	8	17	37	35	27	4	4	1
16:00	173	42.8	35.4	7.1	0	0	0	3	9	25	38	60	27	8	1	2
17:00	209	41.3	33.9	7.2	0	2	2	3	16	26	60	65	28	6	1	0
18:00	139	100	41.4	33.9	7.2	0	0	1	3	10	19	38	12	15	4	1
19:00	57	43.4	34.6	8.4	0	0	2	1	5	5	14	16	9	4	1	0
20:00	32	44.4	36.6	7.6	0	0	1	0	1	2	7	12	6	2	1	0
21:00	26	46.7	37.2	9.2	0	0	0	0	0	1	7	6	3	0	1	0
22:00	15	41.3	35.8	5.2	0	0	0	0	0	3	2	7	3	0	0	0
23:00	6	38.7	35.5	5.5	0	0	0	0	0	1	0	1	2	0	0	0
Total																
2H(0-12)	228	38.6	31.9	6.4	0	0	2	7	24	44	74	63	30	4	0	0
2H(14-16)	258	41.6	33.8	7.5	0	1	0	10	19	42	75	60	40	6	4	1
2H(18-20)	178	41.7	33.7	7.1	0	3	3	13	149	240	462	509	217	46	13	7
2H(22-24)	1002	41.4	34.0	7.2	0	3	3	10	45	159	284	408	569	256	56	16
Avg	08:00	05:00	00:00	00:00	00:00	00:00	07:00	05:00	00:00	00:00	00:00	08:00	08:00	08:00	08:00	07:00
17:00	17:00	21:00	21:00	21:00	17:00	17:00	17:00	14:00	13:00	13:00	17:00	17:00	17:00	16:00	15:00	16:00
PM Peak	17:00	17:00	21:00	21:00	17:00	17:00	17:00	14:00	13:00	13:00	17:00	17:00	17:00	16:00	15:00	16:00
	17:00	17:00	21:00	21:00	17:00	17:00	17:00	14:00	13:00	13:00	17:00	17:00	17:00	16:00	15:00	16:00



## Direction: Westbound

360 TSL Ltd[illegible]

Direction: Total Flow

360 TSL Ltd



North Wales ATC 16, B5381 Roman Road



Direction: Westbound

Hour Beginning	Thu 28/04/2022	Fri 29/04/2022	Sat 30/04/2022	Sun 01/05/2022	Mon 02/05/2022	Tue 03/05/2022	Wed 04/05/2022	5-Day Ave.	7-Day Ave.
00:00	0	3	6	1	2	3	2	2	2
01:00	3	1	1	5	3	2	3	2	3
02:00	1	1	2	0	1	1	2	1	1
03:00	0	1	0	0	0	1	1	1	0
04:00	3	0	1	1	3	0	0	1	1
05:00	3	1	2	0	0	2	1	1	1
06:00	6	6	7	5	3	5	6	5	5
07:00	22	27	6	17	22	28	14	23	19
08:00	75	66	16	13	16	59	68	57	45
09:00	66	36	52	35	32	49	58	48	47
10:00	54	30	62	49	53	32	34	41	45
11:00	55	46	101	48	82	39	51	55	60
12:00	45	48	86	61	78	51	41	53	59
13:00	43	76	75	36	65	42	37	53	53
14:00	38	63	59	32	57	53	30	48	47
15:00	67	40	46	44	56	44	75	56	53
16:00	104	107	69	60	66	60	80	83	78
17:00	98	109	38	38	51	117	126	100	82
18:00	50	95	44	18	24	57	46	54	48
19:00	45	28	17	32	37	27	28	33	31
20:00	17	17	11	29	29	19	22	21	21
21:00	23	14	11	7	6	12	23	16	14
22:00	13	14	5	1	1	8	29	13	10
23:00	11	5	6	2	4	6	1	5	5
Total									
12H(7-19)	717	743	654	451	602	631	660	671	637
16H(6-22)	808	808	700	524	677	694	739	745	707
18H(6-24)	832	827	711	527	682	708	769	764	722
24H(0-24)	842	834	723	534	691	717	778	772	731
AM Peak	08:00	08:00	11:00	10:00	11:00	08:00	08:00	08:00	11:00
	75	66	101	49	82	59	68	57	60
PM Peak	16:00	17:00	12:00	12:00	12:00	17:00	17:00	17:00	17:00
	104	109	86	61	78	117	126	100	82

360 TSL Ltd

Direction: Eastbound

Hour Beginning	Thu 28/04/2022	Fri 29/04/2022	Sat 30/04/2022	Sun 01/05/2022	Mon 02/05/2022	Tue 03/05/2022	Wed 04/05/2022	5-Day Ave.	7-Day Ave.
00:00	1	0	1	1	5	3	1	2	2
01:00	1	0	2	0	1	2	0	1	1
02:00	2	2	0	2	7	0	1	2	2
03:00	0	2	0	0	0	1	0	1	0
04:00	5	2	4	3	4	1	1	3	3
05:00	8	8	3	7	5	14	2	7	7
06:00	27	25	7	4	3	30	26	22	17
07:00	61	67	23	17	23	80	105	67	54
08:00	61	85	35	12	17	100	86	70	57
09:00	87	43	52	44	49	48	40	53	52
10:00	65	51	47	59	67	53	46	56	55
11:00	59	62	42	55	47	29	56	51	50
12:00	44	62	37	53	78	41	40	53	51
13:00	65	64	38	51	75	46	68	64	58
14:00	36	53	46	39	41	58	48	47	46
15:00	47	50	51	71	81	54	42	55	57
16:00	77	68	47	65	59	67	52	65	62
17:00	58	28	45	47	43	66	60	51	50
18:00	50	35	47	48	74	44	28	46	47
19:00	29	24	21	13	21	22	30	25	23
20:00	15	9	11	19	24	6	4	12	13
21:00	12	1	6	16	11	9	7	8	9
22:00	3	5	13	2	3	4	4	4	5
23:00	1	2	0	0	0	5	1	2	1
Total									
12H(7-19)	710	668	510	561	654	686	671	678	637
16H(6-22)	793	727	555	613	713	753	738	745	699
18H(6-24)	797	734	568	615	716	762	743	750	705
24H(0-24)	814	748	578	628	738	783	748	766	720
AM Peak	09:00	08:00	09:00	10:00	10:00	08:00	07:00	08:00	08:00
	87	85	52	59	67	100	105	70	57
PM Peak	16:00	16:00	15:00	15:00	15:00	16:00	13:00	16:00	16:00
	77	68	51	71	81	67	68	65	62

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Thu 28/04/2022	Fri 29/04/2022	Sat 30/04/2022	Sun 01/05/2022	Mon 02/05/2022	Tue 03/05/2022	Wed 04/05/2022	5-Day Ave.	7-Day Ave.
00:00	1	3	7	2	7	6	3	4	4
01:00	4	1	3	5	4	4	3	3	3
02:00	3	3	2	2	8	1	3	4	3
03:00	0	3	0	0	0	2	1	1	1
04:00	8	2	5	4	7	1	1	4	4
05:00	11	9	5	7	5	16	3	9	8
06:00	33	31	14	9	6	35	32	27	23
07:00	83	94	29	34	45	108	119	90	73
08:00	136	151	51	25	33	159	154	127	101
09:00	153	79	104	79	81	97	98	102	99
10:00	119	81	109	108	120	85	80	97	100
11:00	114	108	143	103	129	68	107	105	110
12:00	89	110	123	114	156	92	81	106	109
13:00	108	140	113	87	140	88	105	116	112
14:00	74	116	105	71	98	111	78	95	93
15:00	114	90	97	115	137	98	117	111	110
16:00	181	175	116	125	125	127	132	148	140
17:00	156	137	83	85	94	183	186	151	132
18:00	100	130	91	66	98	101	74	101	94
19:00	74	52	38	45	58	49	58	58	53
20:00	32	26	22	48	53	25	26	32	33
21:00	35	15	17	23	17	21	30	24	23
22:00	16	19	18	3	4	12	33	17	15
23:00	12	7	6	2	4	11	2	7	6
Total									
12H(7-19)	1427	1411	1164	1012	1256	1317	1331	1348	1274
16H(6-22)	1601	1535	1255	1137	1390	1447	1477	1490	1406
18H(6-24)	1629	1561	1279	1142	1398	1470	1512	1514	1427
24H(0-24)	1656	1582	1301	1162	1429	1500	1526	1539	1451
AM Peak	09:00	08:00	11:00	10:00	11:00	08:00	08:00	08:00	11:00
	153	151	143	108	129	159	154	127	110
PM Peak	16:00	16:00	12:00	16:00	12:00	17:00	17:00	17:00	16:00
	181	175	123	125	156	183	186	151	140

360 TSL Ltd



North Wales ATC 16, B5381 Roman Road

Direction: Westbound

	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 28 Apr 2022	842	629	184	11	18
Fri 29 Apr 2022	834	689	132	5	8
Sat 30 Apr 2022	723	637	76	7	3
Sun 1 May 2022	534	493	35	6	0
Mon 2 May 2022	691	658	29	4	0
Tue 3 May 2022	717	620	85	9	3
Wed 4 May 2022	778	605	161	4	8
5 Day Ave.	772	640	118	7	7
7 Day Ave.	731	619	100	7	6

Direction: Eastbound

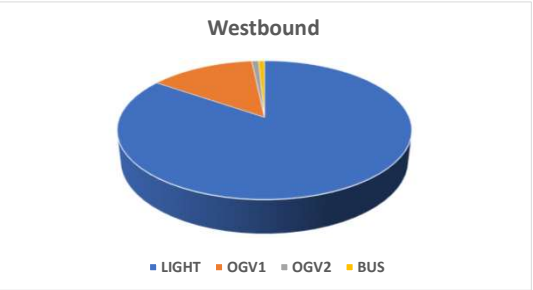
	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 28 Apr 2022	814	679	116	8	11
Fri 29 Apr 2022	748	669	66	7	6
Sat 30 Apr 2022	578	507	66	5	0
Sun 1 May 2022	628	576	43	7	2
Mon 2 May 2022	738	706	28	3	1
Tue 3 May 2022	783	628	148	4	3
Wed 4 May 2022	748	590	143	8	7
5 Day Ave.	766	654	100	6	6
7 Day Ave.	720	622	87	6	4

Direction: Total Flow

	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 28 Apr 2022	1656	1308	300	19	29
Fri 29 Apr 2022	1582	1358	198	12	14
Sat 30 Apr 2022	1301	1144	142	12	3
Sun 1 May 2022	1162	1069	78	13	2
Mon 2 May 2022	1429	1364	57	7	1
Tue 3 May 2022	1500	1248	233	13	6
Wed 4 May 2022	1526	1195	304	12	15
5 Day Ave.	1539	1295	218	13	13
7 Day Ave.	1451	1241	187	13	10

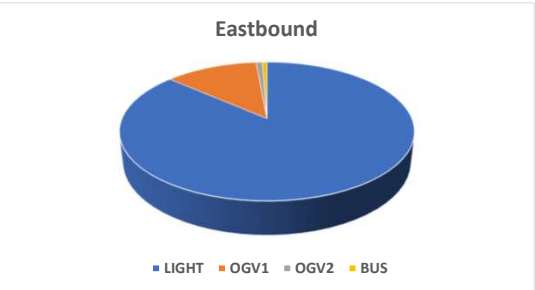
	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 28 Apr 2022	100.0%	74.7%	21.9%	1.3%	2.1%
Fri 29 Apr 2022	100.0%	82.6%	15.8%	0.6%	1.0%
Sat 30 Apr 2022	100.0%	88.1%	10.5%	1.0%	0.4%
Sun 1 May 2022	100.0%	92.3%	6.6%	1.1%	0.0%
Mon 2 May 2022	100.0%	95.2%	4.2%	0.6%	0.0%
Tue 3 May 2022	100.0%	86.5%	11.9%	1.3%	0.4%
Wed 4 May 2022	100.0%	77.8%	20.7%	0.5%	1.0%
5 Day Ave.	100.0%	82.9%	15.3%	0.9%	1.0%
7 Day Ave.	100.0%	84.6%	13.7%	0.9%	0.8%

360 TSL Ltd



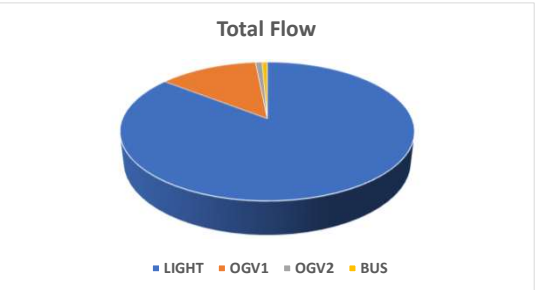
	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 28 Apr 2022	100.0%	83.4%	14.3%	1.0%	1.4%
Fri 29 Apr 2022	100.0%	89.4%	8.8%	0.9%	0.8%
Sat 30 Apr 2022	100.0%	87.7%	11.4%	0.9%	0.0%
Sun 1 May 2022	100.0%	91.7%	6.8%	1.1%	0.3%
Mon 2 May 2022	100.0%	95.7%	3.8%	0.4%	0.1%
Tue 3 May 2022	100.0%	80.2%	18.9%	0.5%	0.4%
Wed 4 May 2022	100.0%	78.9%	19.1%	1.1%	0.9%
5 Day Ave.	100.0%	85.4%	13.1%	0.8%	0.7%
7 Day Ave.	100.0%	86.5%	12.1%	0.8%	0.6%

360 TSL Ltd



	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 28 Apr 2022	100.0%	79.0%	18.1%	1.1%	1.8%
Fri 29 Apr 2022	100.0%	85.8%	12.5%	0.8%	0.9%
Sat 30 Apr 2022	100.0%	87.9%	10.9%	0.9%	0.2%
Sun 1 May 2022	100.0%	92.0%	6.7%	1.1%	0.2%
Mon 2 May 2022	100.0%	95.5%	4.0%	0.5%	0.1%
Tue 3 May 2022	100.0%	83.2%	15.5%	0.9%	0.4%
Wed 4 May 2022	100.0%	78.3%	19.9%	0.8%	1.0%
5 Day Ave.	100.0%	84.1%	14.2%	0.8%	0.8%
7 Day Ave.	100.0%	85.5%	12.9%	0.9%	0.7%

360 TSL Ltd



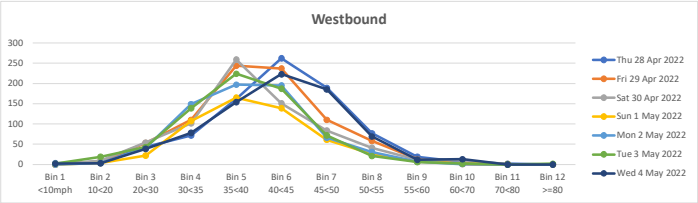


North Wales ATC 16, B5381 Roman Road

Direction: Westbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<30	Bin 4 30<35	Bin 5 35<40	Bin 6 40<45	Bin 7 45<50	Bin 8 50<55	Bin 9 55<60	Bin 10 60<70	Bin 11 70<80	Bin 12 >=80
Thu 28 Apr 2022	842	50.4	42.1	8.1	3	7	43	72	162	262	189	77	19	6	2	0
Fri 29 Apr 2022	834	47.7	40.0	7.4	0	8	53	110	244	237	110	58	13	1	0	0
Sat 30 Apr 2022	723	47.9	39.4	8.2	0	9	54	102	259	151	84	41	12	10	1	0
Sun 1 May 2022	534	46.8	39.4	7.2	0	4	22	107	165	139	61	26	7	2	1	0
Mon 2 May 2022	691	46.0	38.8	6.9	0	4	41	149	197	195	66	31	7	1	0	0
Tue 3 May 2022	717	46.6	38.2	8.0	2	19	43	139	224	187	72	21	6	2	0	2
Wed 4 May 2022	778	50.3	42.1	7.9	2	3	39	78	154	223	185	69	12	13	0	0
5 Day Ave.	772	48.2	40.2	7.7	1	8	44	110	196	221	124	51	11	5	0	0
7 Day Ave.	731	48.0	40.0	7.7	1	8	42	108	201	199	110	46	11	5	1	0

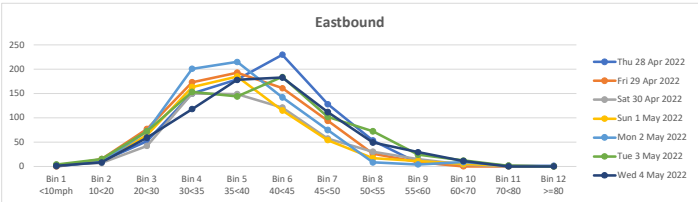
360 TSL Ltd



Direction: Eastbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<30	Bin 4 30<35	Bin 5 35<40	Bin 6 40<45	Bin 7 45<50	Bin 8 50<55	Bin 9 55<60	Bin 10 60<70	Bin 11 70<80	Bin 12 >=80
Thu 28 Apr 2022	814	48.1	39.8	8.0	0	10	52	150	179	230	128	53	7	3	1	1
Fri 29 Apr 2022	748	45.9	37.7	7.9	0	15	77	173	193	161	94	26	9	0	0	0
Sat 30 Apr 2022	578	47.1	38.4	8.4	3	7	42	150	149	121	57	30	15	4	0	0
Sun 1 May 2022	628	45.8	37.3	8.3	2	11	64	163	185	115	54	17	11	5	1	0
Mon 2 May 2022	738	45.3	37.2	7.8	2	9	72	201	215	142	75	8	4	9	1	0
Tue 3 May 2022	783	49.8	39.7	9.7	4	15	72	153	144	184	102	72	24	12	1	0
Wed 4 May 2022	748	49.4	40.3	8.8	1	8	59	118	178	183	112	49	29	11	0	0
5 Day Ave.	766	47.7	39.0	8.4	1	11	66	159	182	180	102	42	15	7	1	0
7 Day Ave.	720	47.3	38.6	8.4	2	11	63	158	178	162	89	36	14	6	1	0

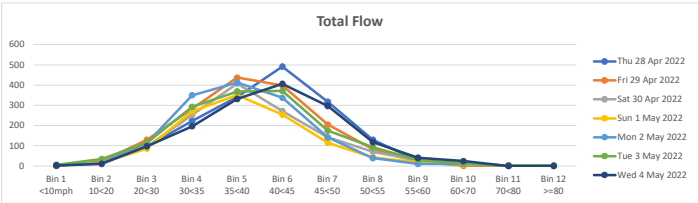
360 TSL Ltd



Direction: Total Flow

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<30	Bin 4 30<35	Bin 5 35<40	Bin 6 40<45	Bin 7 45<50	Bin 8 50<55	Bin 9 55<60	Bin 10 60<70	Bin 11 70<80	Bin 12 >=80
Thu 28 Apr 2022	1656	49.4	41.0	8.1	3	17	95	222	341	492	317	130	26	9	3	1
Fri 29 Apr 2022	1582	46.9	38.9	7.7	0	23	130	283	437	398	204	84	22	1	0	0
Sat 30 Apr 2022	1301	47.5	39.0	8.3	3	16	96	252	408	272	141	71	27	14	1	0
Sun 1 May 2022	1162	46.4	38.2	7.9	2	15	86	270	350	254	115	43	18	7	2	0
Mon 2 May 2022	1429	45.7	38.0	7.4	2	13	113	350	412	337	141	39	11	10	1	0
Tue 3 May 2022	1500	48.3	39.0	9.0	6	34	115	292	368	371	174	93	30	14	1	2
Wed 4 May 2022	1526	50.0	41.2	8.4	3	11	98	196	332	406	297	118	41	24	0	0
5 Day Ave.	1539	48.0	39.6	8.1	3	20	110	269	378	401	227	93	26	12	1	1
7 Day Ave.	1451	47.7	39.3	8.1	3	18	105	266	378	361	198	83	25	11	1	0

360 TSL Ltd





## North Wales ATC 16, B5381 Roman Road

Direction: Westbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<30	Bin 4 30<35	Bin 5 35<40	Bin 6 40<45	Bin 7 45<50	Bin 8 50<55	Bin 9 55<60	Bin 10 60<70	Bin 11 70<80	Bin 12 >=80
Thu 28 Apr 2022	109	48.8	37.7	10.7	3	3	19	3	25	37	15	1	1	1	1	0
Fri 29 Apr 2022	76	46.6	37.6	8.6	0	2	10	12	24	16	6	4	2	0	0	0
Sat 30 Apr 2022	163	48.1	40.5	7.3	0	1	5	18	68	38	14	15	1	3	0	0
Sun 1 May 2022	97	46.4	39.0	7.2	0	1	4	28	17	30	11	5	1	0	0	0
Mon 2 May 2022	135	46.3	39.2	6.9	0	1	4	40	22	45	14	9	0	0	0	0
Tue 3 May 2022	71	44.3	37.1	7.0	0	2	2	24	22	12	8	0	1	0	0	0
Wed 4 May 2022	85	43.6	34.6	8.6	1	2	19	16	29	10	7	0	0	1	0	0
5 Day Ave.	95	45.9	37.3	8.4	1	2	11	19	24	24	10	3	1	0	0	0
7 Day Ave.	105	46.3	38.0	8.0	1	2	9	20	30	27	11	5	1	1	0	0

360 TSL Ltd

Direction: Eastbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<30	Bin 4 30<35	Bin 5 35<40	Bin 6 40<45	Bin 7 45<50	Bin 8 50<55	Bin 9 55<60	Bin 10 60<70	Bin 11 70<80	Bin 12 >=80
Thu 28 Apr 2022	124	43.5	36.0	7.2	0	1	20	33	32	29	5	4	0	0	0	0
Fri 29 Apr 2022	113	42.0	35.8	6.0	0	1	10	43	33	18	8	0	0	0	0	0
Sat 30 Apr 2022	89	45.3	37.9	7.1	0	2	3	24	28	24	4	1	3	0	0	0
Sun 1 May 2022	114	45.6	36.9	8.4	1	2	13	25	37	25	3	6	1	1	0	0
Mon 2 May 2022	114	43.1	35.8	7.1	1	2	12	27	48	17	4	3	0	0	0	0
Tue 3 May 2022	82	43.3	36.3	6.7	0	1	9	22	29	14	5	2	0	0	0	0
Wed 4 May 2022	102	42.6	34.5	7.8	0	1	29	22	24	17	7	2	0	0	0	0
5 Day Ave.	107	42.9	35.7	7.0	0	1	16	29	33	19	6	2	0	0	0	0
7 Day Ave.	105	43.6	36.2	7.2	0	1	14	28	33	21	5	3	1	0	0	0

360 TSL Ltd

Direction: Total Flow

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<30	Bin 4 30<35	Bin 5 35<40	Bin 6 40<45	Bin 7 45<50	Bin 8 50<55	Bin 9 55<60	Bin 10 60<70	Bin 11 70<80	Bin 12 >=80
Thu 28 Apr 2022	233	46.2	36.8	9.0	3	4	39	36	57	66	20	5	1	1	1	0
Fri 29 Apr 2022	189	44.0	36.5	7.2	0	3	20	55	57	34	14	4	2	0	0	0
Sat 30 Apr 2022	252	47.2	39.5	7.4	0	3	8	42	96	62	18	16	4	3	0	0
Sun 1 May 2022	211	46.0	37.8	7.9	1	3	17	53	54	55	14	11	2	1	0	0
Mon 2 May 2022	249	45.0	37.7	7.1	1	3	16	67	70	62	18	12	0	0	0	0
Tue 3 May 2022	153	43.8	36.7	6.8	0	3	11	46	51	26	13	2	1	0	0	0
Wed 4 May 2022	187	43.0	34.5	8.2	1	3	48	38	53	27	14	2	0	1	0	0
5 Day Ave.	202	44.4	36.4	7.7	1	3	27	48	58	43	16	5	1	0	0	0
7 Day Ave.	211	45.0	37.1	7.7	1	3	23	48	63	47	16	7	1	1	0	0

360 TSL Ltd



## North Wales ATC 16, B5381 Roman Road

Direction: Westbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<30	Bin 4 30<35	Bin 5 35<40	Bin 6 40<45	Bin 7 45<50	Bin 8 50<55	Bin 9 55<60	Bin 10 60<70	Bin 11 70<80	Bin 12 >=80
Thu 28 Apr 2022	105	49.6	42.2	7.2	0	0	3	9	27	36	18	9	2	0	1	0
Fri 29 Apr 2022	103	46.7	39.1	7.4	0	1	11	7	37	28	14	4	1	0	0	0
Sat 30 Apr 2022	105	44.0	36.4	7.4	0	3	13	18	41	22	6	1	1	0	0	0
Sun 1 May 2022	76	45.4	38.0	7.1	0	1	3	23	23	17	4	3	2	0	0	0
Mon 2 May 2022	113	46.0	38.7	7.0	0	1	3	32	33	28	6	8	2	0	0	0
Tue 3 May 2022	97	44.2	36.6	7.3	0	5	4	21	40	18	8	1	0	0	0	0
Wed 4 May 2022	105	49.2	42.6	6.4	0	0	1	7	27	42	16	9	1	2	0	0
5 Day Ave.	105	47.1	39.8	7.0	0	1	4	15	33	30	12	6	1	0	0	0
7 Day Ave.	101	46.4	39.1	7.1	0	2	5	17	33	27	10	5	1	0	0	0

360 TSL Ltd

Direction: Eastbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<30	Bin 4 30<35	Bin 5 35<40	Bin 6 40<45	Bin 7 45<50	Bin 8 50<55	Bin 9 55<60	Bin 10 60<70	Bin 11 70<80	Bin 12 >=80
Thu 28 Apr 2022	83	46.5	39.3	7.0	0	1	4	12	30	22	10	2	2	0	0	0
Fri 29 Apr 2022	103	40.8	33.4	7.1	0	3	21	44	14	17	3	1	0	0	0	0
Sat 30 Apr 2022	97	47.7	39.2	8.2	0	2	3	23	30	20	12	1	5	1	0	0
Sun 1 May 2022	110	45.5	37.2	8.0	0	4	6	32	31	23	10	0	4	0	0	0
Mon 2 May 2022	122	44.0	36.7	7.0	0	3	10	36	32	27	14	0	0	0	0	0
Tue 3 May 2022	112	47.1	36.5	10.3	1	6	7	44	20	20	3	3	5	3	0	0
Wed 4 May 2022	90	48.4	39.4	8.7	0	4	2	19	24	12	25	3	0	1	0	0
5 Day Ave.	102	45.4	37.1	8.0	0	3	9	31	24	20	11	2	1	1	0	0
7 Day Ave.	102	45.7	37.4	8.0	0	3	8	30	26	20	11	1	2	1	0	0

360 TSL Ltd

Direction: Total Flow

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<30	Bin 4 30<35	Bin 5 35<40	Bin 6 40<45	Bin 7 45<50	Bin 8 50<55	Bin 9 55<60	Bin 10 60<70	Bin 11 70<80	Bin 12 >=80
Thu 28 Apr 2022	188	48.4	40.9	7.2	0	1	7	21	57	58	28	11	4	0	1	0
Fri 29 Apr 2022	206	44.3	36.3	7.8	0	4	32	51	51	45	17	5	1	0	0	0
Sat 30 Apr 2022	202	45.9	37.7	7.9	0	5	16	41	71	42	18	2	6	1	0	0
Sun 1 May 2022	186	45.4	37.5	7.6	0	5	9	55	54	40	14	3	6	0	0	0
Mon 2 May 2022	235	45.0	37.7	7.1	0	4	13	68	65	55	20	8	2	0	0	0
Tue 3 May 2022	209	45.9	36.6	9.0	1	11	11	65	60	38	11	4	5	3	0	0
Wed 4 May 2022	195	49.1	41.1	7.7	0	4	3	26	51	54	41	12	1	3	0	0
5 Day Ave.	207	46.5	38.5	7.7	0	5	13	46	57	50	23	8	3	1	0	0
7 Day Ave.	203	46.3	38.3	7.7	0	5	13	47	58	47	21	6	4	1	0	0

360 TSL Ltd



# North Wales ATC 16, B5381 Roman Road

Direction: Westbound

28/04/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	0	0	0	0	0
01:00	3	1	1	1	0
02:00	1	1	0	0	0
03:00	0	0	0	0	0
04:00	3	1	0	0	2
05:00	3	2	0	0	1
06:00	6	3	3	0	0
07:00	22	11	7	0	4
08:00	75	54	20	0	1
09:00	66	41	17	4	4
10:00	54	40	13	1	0
11:00	55	49	6	0	0
12:00	45	30	13	1	1
13:00	43	27	16	0	0
14:00	38	26	12	0	0
15:00	67	58	9	0	0
16:00	104	75	27	1	1
17:00	98	82	16	0	0
18:00	50	42	6	0	2
19:00	45	39	6	0	0
20:00	17	13	4	0	0
21:00	23	17	4	0	2
22:00	13	7	3	3	0
23:00	11	10	1	0	0
Total					
12H(7-19)	717	535	162	7	13
16H(6-22)	808	607	179	7	15
18H(6-24)	832	624	183	10	15
24H(0-24)	842	629	184	11	18
AM Peak	08:00	08:00	08:00	09:00	07:00
	75	54	20	4	4
PM Peak	16:00	17:00	16:00	22:00	18:00
	104	82	27	3	2

360 TSL Ltd

Direction: Eastbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	1	0	1	0	0
01:00	1	1	0	0	0
02:00	2	2	0	0	0
03:00	0	0	0	0	0
04:00	5	5	0	0	0
05:00	8	7	1	0	0
06:00	27	18	8	1	0
07:00	61	48	10	1	2
08:00	61	56	5	0	0
09:00	87	69	17	1	0
10:00	65	47	16	1	1
11:00	59	53	5	0	1
12:00	44	34	9	0	1
13:00	65	51	11	2	1
14:00	36	33	2	0	1
15:00	47	33	12	1	1
16:00	77	72	4	0	1
17:00	58	54	3	0	1
18:00	50	47	2	1	0
19:00	29	20	9	0	0
20:00	15	14	0	0	1
21:00	12	12	0	0	0
22:00	3	2	1	0	0
23:00	1	1	0	0	0
Total					
12H(7-19)	710	597	96	7	10
16H(6-22)	793	661	113	8	11
18H(6-24)	797	664	114	8	11
24H(0-24)	814	679	116	8	11
AM Peak	09:00	09:00	09:00	06:00	07:00
	87	69	17	1	2
PM Peak	16:00	16:00	15:00	13:00	12:00
	77	72	12	2	1

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	1	0	1	0	0
01:00	4	2	1	1	0
02:00	3	3	0	0	0
03:00	0	0	0	0	0
04:00	8	6	0	0	2
05:00	11	9	1	0	1
06:00	33	21	11	1	0
07:00	83	59	17	1	6
08:00	136	110	25	0	1
09:00	153	110	34	5	4
10:00	119	87	29	2	1
11:00	114	102	11	0	1
12:00	89	64	22	1	2
13:00	108	78	27	2	1
14:00	74	59	14	0	1
15:00	114	91	21	1	1
16:00	181	147	31	1	2
17:00	156	136	19	0	1
18:00	100	89	8	1	2
19:00	74	59	15	0	0
20:00	32	27	4	0	1
21:00	35	29	4	0	2
22:00	16	9	4	3	0
23:00	12	11	1	0	0
Total					
12H(7-19)	1427	1132	258	14	23
16H(6-22)	1601	1268	292	15	26
18H(6-24)	1629	1288	297	18	26
24H(0-24)	1656	1308	300	19	29
AM Peak	09:00	08:00	09:00	09:00	07:00
	153	110	34	5	6
PM Peak	16:00	16:00	16:00	22:00	12:00
	181	147	31	3	2

360 TSL Ltd



# North Wales ATC 16, B5381 Roman Road

Direction: Westbound

29/04/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	3	1	1	1	0
01:00	1	0	1	0	0
02:00	1	1	0	0	0
03:00	1	0	0	1	0
04:00	0	0	0	0	0
05:00	1	1	0	0	0
06:00	6	2	4	0	0
07:00	27	22	3	1	1
08:00	66	54	9	0	3
09:00	36	30	6	0	0
10:00	30	21	9	0	0
11:00	46	40	5	0	1
12:00	48	41	7	0	0
13:00	76	59	17	0	0
14:00	63	47	16	0	0
15:00	40	27	13	0	0
16:00	107	100	4	0	3
17:00	109	89	20	0	0
18:00	95	84	10	1	0
19:00	28	24	4	0	0
20:00	17	17	0	0	0
21:00	14	13	1	0	0
22:00	14	12	1	1	0
23:00	5	4	1	0	0
Total					
12H(7-19)	743	614	119	2	8
16H(6-22)	808	670	128	2	8
18H(6-24)	827	686	130	3	8
24H(0-24)	834	689	132	5	8
AM Peak	08:00	08:00	08:00	00:00	08:00
	66	54	9	1	3
PM Peak	17:00	16:00	17:00	18:00	16:00
	109	100	20	1	3

360 TSL Ltd

Direction: Eastbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	0	0	0	0	0
01:00	0	0	0	0	0
02:00	2	1	1	0	0
03:00	2	1	0	1	0
04:00	2	1	0	0	1
05:00	8	8	0	0	0
06:00	25	16	8	1	0
07:00	67	55	12	0	0
08:00	85	82	2	1	0
09:00	43	41	2	0	0
10:00	51	45	4	2	0
11:00	62	57	1	1	3
12:00	62	47	14	1	0
13:00	64	62	2	0	0
14:00	53	50	2	0	1
15:00	50	48	2	0	0
16:00	68	63	5	0	0
17:00	28	24	4	0	0
18:00	35	32	3	0	0
19:00	24	21	3	0	0
20:00	9	8	0	0	1
21:00	1	1	0	0	0
22:00	5	5	0	0	0
23:00	2	1	1	0	0
Total					
12H(7-19)	668	606	53	5	4
16H(6-22)	727	652	64	6	5
18H(6-24)	734	658	65	6	5
24H(0-24)	748	669	66	7	6
AM Peak	08:00	08:00	07:00	10:00	11:00
	85	82	12	2	3
PM Peak	16:00	16:00	12:00	12:00	14:00
	68	63	14	1	1

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	3	1	1	1	0
01:00	1	0	1	0	0
02:00	3	2	1	0	0
03:00	3	1	0	2	0
04:00	2	1	0	0	1
05:00	9	9	0	0	0
06:00	31	18	12	1	0
07:00	94	77	15	1	1
08:00	151	136	11	1	3
09:00	79	71	8	0	0
10:00	81	66	13	2	0
11:00	108	97	6	1	4
12:00	110	88	21	1	0
13:00	140	121	19	0	0
14:00	116	97	18	0	1
15:00	90	75	15	0	0
16:00	175	163	9	0	3
17:00	137	113	24	0	0
18:00	130	116	13	1	0
19:00	52	45	7	0	0
20:00	26	25	0	0	1
21:00	15	14	1	0	0
22:00	19	17	1	1	0
23:00	7	5	2	0	0
Total					
12H(7-19)	1411	1220	172	7	12
16H(6-22)	1535	1322	192	8	13
18H(6-24)	1561	1344	195	9	13
24H(0-24)	1582	1358	198	12	14
AM Peak	08:00	08:00	07:00	03:00	11:00
	151	136	15	2	4
PM Peak	16:00	16:00	17:00	12:00	16:00
	175	163	24	1	3

360 TSL Ltd



# North Wales ATC 16, B5381 Roman Road

Direction: Westbound

30/04/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	6	5	1	0	0
01:00	1	1	0	0	0
02:00	2	1	1	0	0
03:00	0	0	0	0	0
04:00	1	1	0	0	0
05:00	2	1	1	0	0
06:00	7	5	2	0	0
07:00	6	4	0	1	1
08:00	16	13	3	0	0
09:00	52	42	9	1	0
10:00	62	53	8	0	1
11:00	101	88	13	0	0
12:00	86	80	6	0	0
13:00	75	66	9	0	0
14:00	59	55	3	1	0
15:00	46	41	5	0	0
16:00	69	60	8	1	0
17:00	38	31	4	3	0
18:00	44	42	2	0	0
19:00	17	15	1	0	1
20:00	11	11	0	0	0
21:00	11	11	0	0	0
22:00	5	5	0	0	0
23:00	6	6	0	0	0
Total					
12H(7-19)	654	575	70	7	2
16H(6-22)	700	617	73	7	3
18H(6-24)	711	628	73	7	3
24H(0-24)	723	637	76	7	3
AM Peak	11:00 101	11:00 88	11:00 13	07:00 1	07:00 1
PM Peak	12:00 86	12:00 80	13:00 9	17:00 3	19:00 1

360 TSL Ltd

Direction: Eastbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	1	1	0	0	0
01:00	2	2	0	0	0
02:00	0	0	0	0	0
03:00	0	0	0	0	0
04:00	4	4	0	0	0
05:00	3	1	2	0	0
06:00	7	5	2	0	0
07:00	23	16	7	0	0
08:00	35	29	6	0	0
09:00	52	49	3	0	0
10:00	47	46	1	0	0
11:00	42	37	4	1	0
12:00	37	35	2	0	0
13:00	38	27	11	0	0
14:00	46	38	8	0	0
15:00	51	48	1	2	0
16:00	47	45	2	0	0
17:00	45	42	2	1	0
18:00	47	41	5	1	0
19:00	21	15	6	0	0
20:00	11	8	3	0	0
21:00	6	5	1	0	0
22:00	13	13	0	0	0
23:00	0	0	0	0	0
Total					
12H(7-19)	510	453	52	5	0
16H(6-22)	555	486	64	5	0
18H(6-24)	568	499	64	5	0
24H(0-24)	578	507	66	5	0
AM Peak	09:00 52	09:00 49	07:00 7	11:00 1	00:00 0
PM Peak	15:00 51	15:00 48	13:00 11	15:00 2	12:00 0

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	7	6	1	0	0
01:00	3	3	0	0	0
02:00	2	1	1	0	0
03:00	0	0	0	0	0
04:00	5	5	0	0	0
05:00	5	2	3	0	0
06:00	14	10	4	0	0
07:00	29	20	7	1	1
08:00	51	42	9	0	0
09:00	104	91	12	1	0
10:00	109	99	9	0	1
11:00	143	125	17	1	0
12:00	123	115	8	0	0
13:00	113	93	20	0	0
14:00	105	93	11	1	0
15:00	97	89	6	2	0
16:00	116	105	10	1	0
17:00	83	73	6	4	0
18:00	91	83	7	1	0
19:00	38	30	7	0	1
20:00	22	19	3	0	0
21:00	17	16	1	0	0
22:00	18	18	0	0	0
23:00	6	6	0	0	0
Total					
12H(7-19)	1164	1028	122	12	2
16H(6-22)	1255	1103	137	12	3
18H(6-24)	1279	1127	137	12	3
24H(0-24)	1301	1144	142	12	3
AM Peak	11:00 143	11:00 125	11:00 17	07:00 1	07:00 1
PM Peak	12:00 123	12:00 115	13:00 20	17:00 4	19:00 1

360 TSL Ltd



# North Wales ATC 16, B5381 Roman Road

Direction: Westbound

01/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	1	1	0	0	0
01:00	5	3	0	2	0
02:00	0	0	0	0	0
03:00	0	0	0	0	0
04:00	1	1	0	0	0
05:00	0	0	0	0	0
06:00	5	2	3	0	0
07:00	17	13	4	0	0
08:00	13	11	1	1	0
09:00	35	30	4	1	0
10:00	49	47	1	1	0
11:00	48	45	3	0	0
12:00	61	58	3	0	0
13:00	36	36	0	0	0
14:00	32	31	1	0	0
15:00	44	38	6	0	0
16:00	60	59	1	0	0
17:00	38	37	1	0	0
18:00	18	15	3	0	0
19:00	32	28	3	1	0
20:00	29	29	0	0	0
21:00	7	6	1	0	0
22:00	1	1	0	0	0
23:00	2	2	0	0	0
Total					
12H(7-19)	451	420	28	3	0
16H(6-22)	524	485	35	4	0
18H(6-24)	527	488	35	4	0
24H(0-24)	534	493	35	6	0
AM Peak	10:00 49	10:00 47	07:00 4	01:00 2	00:00 0
PM Peak	12:00 61	16:00 59	15:00 6	19:00 1	12:00 0

360 TSL Ltd

Direction: Eastbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	1	1	0	0	0
01:00	0	0	0	0	0
02:00	2	2	0	0	0
03:00	0	0	0	0	0
04:00	3	3	0	0	0
05:00	7	4	1	2	0
06:00	4	3	0	1	0
07:00	17	16	1	0	0
08:00	12	8	4	0	0
09:00	44	40	4	0	0
10:00	59	52	6	0	1
11:00	55	46	8	1	0
12:00	53	48	4	0	1
13:00	51	50	1	0	0
14:00	39	37	1	1	0
15:00	71	68	3	0	0
16:00	65	61	4	0	0
17:00	47	45	1	1	0
18:00	48	47	1	0	0
19:00	13	12	0	1	0
20:00	19	18	1	0	0
21:00	16	13	3	0	0
22:00	2	2	0	0	0
23:00	0	0	0	0	0
Total					
12H(7-19)	561	518	38	3	2
16H(6-22)	613	564	42	5	2
18H(6-24)	615	566	42	5	2
24H(0-24)	628	576	43	7	2
AM Peak	10:00 59	10:00 52	11:00 8	05:00 2	10:00 1
PM Peak	15:00 71	15:00 68	12:00 4	14:00 1	12:00 1

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	2	2	0	0	0
01:00	5	3	0	2	0
02:00	2	2	0	0	0
03:00	0	0	0	0	0
04:00	4	4	0	0	0
05:00	7	4	1	2	0
06:00	9	5	3	1	0
07:00	34	29	5	0	0
08:00	25	19	5	1	0
09:00	79	70	8	1	0
10:00	108	99	7	1	1
11:00	103	91	11	1	0
12:00	114	106	7	0	1
13:00	87	86	1	0	0
14:00	71	68	2	1	0
15:00	115	106	9	0	0
16:00	125	120	5	0	0
17:00	85	82	2	1	0
18:00	66	62	4	0	0
19:00	45	40	3	2	0
20:00	48	47	1	0	0
21:00	23	19	4	0	0
22:00	3	3	0	0	0
23:00	2	2	0	0	0
Total					
12H(7-19)	1012	938	66	6	2
16H(6-22)	1137	1049	77	9	2
18H(6-24)	1142	1054	77	9	2
24H(0-24)	1162	1069	78	13	2
AM Peak	10:00 108	10:00 99	11:00 11	01:00 2	10:00 1
PM Peak	16:00 125	16:00 120	15:00 9	19:00 2	12:00 1

360 TSL Ltd



# North Wales ATC 16, B5381 Roman Road

Direction: Westbound

02/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	2	2	0	0	0
01:00	3	3	0	0	0
02:00	1	0	1	0	0
03:00	0	0	0	0	0
04:00	3	2	0	1	0
05:00	0	0	0	0	0
06:00	3	2	1	0	0
07:00	22	18	4	0	0
08:00	16	16	0	0	0
09:00	32	31	1	0	0
10:00	53	52	1	0	0
11:00	82	78	3	1	0
12:00	78	72	5	1	0
13:00	65	65	0	0	0
14:00	57	56	1	0	0
15:00	56	51	5	0	0
16:00	66	65	1	0	0
17:00	51	50	1	0	0
18:00	24	20	3	1	0
19:00	37	36	1	0	0
20:00	29	29	0	0	0
21:00	6	5	1	0	0
22:00	1	1	0	0	0
23:00	4	4	0	0	0
Total					
12H(7-19)	602	574	25	3	0
16H(6-22)	677	646	28	3	0
18H(6-24)	682	651	28	3	0
24H(0-24)	691	658	29	4	0
AM Peak	11:00	11:00	07:00	04:00	00:00
	82	78	4	1	0
PM Peak	12:00	12:00	12:00	12:00	12:00
	78	72	5	1	0

360 TSL Ltd

Direction: Eastbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	5	5	0	0	0
01:00	1	1	0	0	0
02:00	7	7	0	0	0
03:00	0	0	0	0	0
04:00	4	4	0	0	0
05:00	5	4	0	1	0
06:00	3	3	0	0	0
07:00	23	22	1	0	0
08:00	17	15	2	0	0
09:00	49	46	3	0	0
10:00	67	65	2	0	0
11:00	47	44	2	1	0
12:00	78	74	4	0	0
13:00	75	74	1	0	0
14:00	41	40	1	0	0
15:00	81	78	3	0	0
16:00	59	54	5	0	0
17:00	43	41	1	1	0
18:00	74	73	1	0	0
19:00	21	21	0	0	0
20:00	24	22	1	0	1
21:00	11	10	1	0	0
22:00	3	3	0	0	0
23:00	0	0	0	0	0
Total					
12H(7-19)	654	626	26	2	0
16H(6-22)	713	682	28	2	1
18H(6-24)	716	685	28	2	1
24H(0-24)	738	706	28	3	1
AM Peak	10:00	10:00	09:00	05:00	00:00
	67	65	3	1	0
PM Peak	15:00	15:00	16:00	17:00	20:00
	81	78	5	1	1

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	7	7	0	0	0
01:00	4	4	0	0	0
02:00	8	7	1	0	0
03:00	0	0	0	0	0
04:00	7	6	0	1	0
05:00	5	4	0	1	0
06:00	6	5	1	0	0
07:00	45	40	5	0	0
08:00	33	31	2	0	0
09:00	81	77	4	0	0
10:00	120	117	3	0	0
11:00	129	122	5	2	0
12:00	156	146	9	1	0
13:00	140	139	1	0	0
14:00	98	96	2	0	0
15:00	137	129	8	0	0
16:00	125	119	6	0	0
17:00	94	91	2	1	0
18:00	98	93	4	1	0
19:00	58	57	1	0	0
20:00	53	51	1	0	1
21:00	17	15	2	0	0
22:00	4	4	0	0	0
23:00	4	4	0	0	0
Total					
12H(7-19)	1256	1200	51	5	0
16H(6-22)	1390	1328	56	5	1
18H(6-24)	1398	1336	56	5	1
24H(0-24)	1429	1364	57	7	1
AM Peak	11:00	11:00	07:00	11:00	00:00
	129	122	5	2	0
PM Peak	12:00	12:00	12:00	12:00	20:00
	156	146	9	1	1

360 TSL Ltd



# North Wales ATC 16, B5381 Roman Road

Direction: Westbound

03/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	3	1	0	2	0
01:00	2	1	0	0	1
02:00	1	0	1	0	0
03:00	1	1	0	0	0
04:00	0	0	0	0	0
05:00	2	1	1	0	0
06:00	5	4	1	0	0
07:00	28	20	6	1	1
08:00	59	53	6	0	0
09:00	49	36	12	1	0
10:00	32	27	5	0	0
11:00	39	32	7	0	0
12:00	51	47	3	1	0
13:00	42	37	4	1	0
14:00	53	45	8	0	0
15:00	44	34	9	0	1
16:00	60	55	5	0	0
17:00	117	111	5	1	0
18:00	57	53	2	2	0
19:00	27	24	3	0	0
20:00	19	13	6	0	0
21:00	12	12	0	0	0
22:00	8	7	1	0	0
23:00	6	6	0	0	0
Total					
12H(7-19)	631	550	72	7	2
16H(6-22)	694	603	82	7	2
18H(6-24)	708	616	83	7	2
24H(0-24)	717	620	85	9	3
AM Peak	08:00	08:00	09:00	00:00	01:00
	59	53	12	2	1
PM Peak	17:00	17:00	15:00	18:00	15:00
	117	111	9	2	1

360 TSL Ltd

Direction: Eastbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	3	3	0	0	0
01:00	2	1	1	0	0
02:00	0	0	0	0	0
03:00	1	0	0	1	0
04:00	1	1	0	0	0
05:00	14	13	1	0	0
06:00	30	15	15	0	0
07:00	80	51	26	1	2
08:00	100	73	27	0	0
09:00	48	47	1	0	0
10:00	53	48	5	0	0
11:00	29	24	4	1	0
12:00	41	32	9	0	0
13:00	46	32	14	0	0
14:00	58	55	2	1	0
15:00	54	42	11	0	1
16:00	67	58	9	0	0
17:00	66	52	14	0	0
18:00	44	41	3	0	0
19:00	22	18	4	0	0
20:00	6	5	1	0	0
21:00	9	9	0	0	0
22:00	4	4	0	0	0
23:00	5	4	1	0	0
Total					
12H(7-19)	686	555	125	3	3
16H(6-22)	753	602	145	3	3
18H(6-24)	762	610	146	3	3
24H(0-24)	783	628	148	4	3
AM Peak	08:00	08:00	08:00	03:00	07:00
	100	73	27	1	2
PM Peak	16:00	16:00	13:00	14:00	15:00
	67	58	14	1	1

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	6	4	0	2	0
01:00	4	2	1	0	1
02:00	1	0	1	0	0
03:00	2	1	0	1	0
04:00	1	1	0	0	0
05:00	16	14	2	0	0
06:00	35	19	16	0	0
07:00	108	71	32	2	3
08:00	159	126	33	0	0
09:00	97	83	13	1	0
10:00	85	75	10	0	0
11:00	68	56	11	1	0
12:00	92	79	12	1	0
13:00	88	69	18	1	0
14:00	111	100	10	1	0
15:00	98	76	20	0	2
16:00	127	113	14	0	0
17:00	183	163	19	1	0
18:00	101	94	5	2	0
19:00	49	42	7	0	0
20:00	25	18	7	0	0
21:00	21	21	0	0	0
22:00	12	11	1	0	0
23:00	11	10	1	0	0
Total					
12H(7-19)	1317	1105	197	10	5
16H(6-22)	1447	1205	227	10	5
18H(6-24)	1470	1226	229	10	5
24H(0-24)	1500	1248	233	13	6
AM Peak	08:00	08:00	08:00	00:00	07:00
	159	126	33	2	3
PM Peak	17:00	17:00	15:00	18:00	15:00
	183	163	20	2	2

360 TSL Ltd



# North Wales ATC 16, B5381 Roman Road

Direction: Westbound

04/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	2	2	0	0	0
01:00	3	3	0	0	0
02:00	2	0	2	0	0
03:00	1	1	0	0	0
04:00	0	0	0	0	0
05:00	1	0	1	0	0
06:00	6	5	1	0	0
07:00	14	11	2	0	1
08:00	68	61	7	0	0
09:00	58	49	8	0	1
10:00	34	31	3	0	0
11:00	51	35	16	0	0
12:00	41	26	14	1	0
13:00	37	28	8	0	1
14:00	30	23	6	0	1
15:00	75	53	21	0	1
16:00	80	60	18	1	1
17:00	126	91	33	0	2
18:00	46	33	13	0	0
19:00	28	25	3	0	0
20:00	22	20	2	0	0
21:00	23	21	2	0	0
22:00	29	26	1	2	0
23:00	1	1	0	0	0
Total					
12H(7-19)	660	501	149	2	8
16H(6-22)	739	572	157	2	8
18H(6-24)	769	599	158	4	8
24H(0-24)	778	605	161	4	8
AM Peak	08:00 68	08:00 61	11:00 16	00:00 0	07:00 1
PM Peak	17:00 126	17:00 91	17:00 33	22:00 2	17:00 2

360 TSL Ltd

Direction: Eastbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	1	1	0	0	0
01:00	0	0	0	0	0
02:00	1	1	0	0	0
03:00	0	0	0	0	0
04:00	1	1	0	0	0
05:00	2	2	0	0	0
06:00	26	8	17	1	0
07:00	105	64	40	1	0
08:00	86	80	5	1	0
09:00	40	27	12	1	0
10:00	46	41	5	0	0
11:00	56	50	5	0	1
12:00	40	31	7	2	0
13:00	68	64	3	0	1
14:00	48	34	14	0	0
15:00	42	28	10	0	4
16:00	52	39	12	0	1
17:00	60	53	6	1	0
18:00	28	25	3	0	0
19:00	30	29	1	0	0
20:00	4	3	0	1	0
21:00	7	6	1	0	0
22:00	4	2	2	0	0
23:00	1	1	0	0	0
Total					
12H(7-19)	671	536	122	6	7
16H(6-22)	738	582	141	8	7
18H(6-24)	743	585	143	8	7
24H(0-24)	748	590	143	8	7
AM Peak	07:00 105	08:00 80	07:00 40	06:00 1	11:00 1
PM Peak	13:00 68	13:00 64	14:00 14	12:00 2	15:00 4

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	3	3	0	0	0
01:00	3	3	0	0	0
02:00	3	1	2	0	0
03:00	1	1	0	0	0
04:00	1	1	0	0	0
05:00	3	2	1	0	0
06:00	32	13	18	1	0
07:00	119	75	42	1	1
08:00	154	141	12	1	0
09:00	98	76	20	1	1
10:00	80	72	8	0	0
11:00	107	85	21	0	1
12:00	81	57	21	3	0
13:00	105	92	11	0	2
14:00	78	57	20	0	1
15:00	117	81	31	0	5
16:00	132	99	30	1	2
17:00	186	144	39	1	2
18:00	74	58	16	0	0
19:00	58	54	4	0	0
20:00	26	23	2	1	0
21:00	30	27	3	0	0
22:00	33	28	3	2	0
23:00	2	2	0	0	0
Total					
12H(7-19)	1331	1037	271	8	15
16H(6-22)	1477	1154	298	10	15
18H(6-24)	1512	1184	301	12	15
24H(0-24)	1526	1195	304	12	15
AM Peak	08:00 154	08:00 141	07:00 42	06:00 1	07:00 1
PM Peak	17:00 186	17:00 144	17:00 39	12:00 3	15:00 5

360 TSL Ltd



North Wales ATC 16, B5381 Roman Road

Direction: Westbound

28/04/2022																
Hour Beginning	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 10-20m	Bin 2 20-30	Bin 3 30-35	Bin 4 35-40	Bin 5 40-45	Bin 6 45-50	Bin 7 50-55	Bin 8 55-60	Bin 9 60-70	Bin 10 70-80	Bin 11 80-90	Bin 12 90-95
00:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
01:00	3	51.1	39.2	11.5	0	0	0	2	0	0	0	1	0	0	0	0
02:00	1	-	42.5	-	0	0	0	0	0	1	0	0	0	0	0	0
03:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
04:00	3	37.5	37.5	0.0	0	0	0	0	3	0	0	0	0	0	0	0
05:00	3	56.5	47.5	8.7	0	0	0	0	0	2	0	1	0	0	0	0
06:00	6	54.1	47.5	6.3	0	0	0	0	0	3	1	1	1	0	0	0
07:00	12	51.2	44.9	6.3	0	1	1	1	1	1	1	1	0	0	0	0
08:00	75	52.9	45.6	7.0	0	1	1	1	7	22	26	14	2	1	0	0
09:00	66	48.6	39.5	8.9	0	2	6	13	6	29	15	1	0	0	0	0
10:00	54	52.3	41.6	10.3	1	2	1	2	11	22	11	1	1	1	0	0
11:00	55	44.1	33.9	9.8	2	1	18	1	14	15	4	0	0	0	0	0
12:00	45	44.0	39.4	5.3	0	0	2	5	16	18	1	1	0	0	0	0
13:00	43	48.3	40.9	7.2	0	1	1	3	14	12	10	1	1	0	0	0
14:00	38	46.6	40.5	5.9	0	0	0	6	14	11	3	4	0	0	0	0
15:00	67	51.1	43.1	7.7	0	0	3	3	13	25	15	5	2	0	1	0
16:00	104	51.2	46.3	7.5	0	0	0	9	32	22	24	14	0	4	0	0
17:00	98	50.8	44.2	6.4	0	0	3	5	12	30	33	13	2	0	0	0
18:00	50	52.4	44.8	7.4	0	0	2	3	3	19	10	50	3	0	0	0
19:00	45	49.8	41.3	8.1	0	0	3	4	13	15	4	1	5	0	0	0
20:00	17	50.6	41.8	8.6	0	0	1	4	1	5	2	4	0	0	0	0
21:00	13	48.2	41.2	4.8	0	0	0	2	1	14	4	2	0	0	0	0
22:00	13	49.8	44.0	5.5	0	0	0	2	0	3	8	0	0	0	0	0
23:00	11	43.5	36.1	7.1	0	0	0	8	1	0	1	1	0	0	0	0
Total																
2H(10-12)	100	48.8	37.7	10.7	3	3	19	3	25	37	15	1	1	1	1	0
2H(14-16)	105	49.6	42.2	7.2	0	0	3	9	27	36	18	9	2	0	1	0
12H(7-19)	717	50.6	42.1	8.2	3	7	39	50	143	219	169	67	13	6	2	0
24H(0-24)	842	50.4	42.1	8.1	3	7	49	72	162	262	189	77	39	6	2	0
AM Peak	08:00	01:00	02:00	03:00	11:00	09:00	11:00	09:00	11:00	08:00	08:00	08:00	08:00	08:00	10:00	00:00
	75	56.5	47.5	11.5	2	2	18	13	14	22	26	14	2	1	1	0
PM Peak	16:00	18:00	18:00	20:00	12:00	13:00	15:00	23:00	16:00	17:00	17:00	16:00	19:00	16:00	15:00	17:00
	104	52.4	46.8	8.6	0	1	3	8	32	30	33	14	5	4	1	0

360 TSL Ltd

Direction: Eastbound

28/04/2022																
Hour Beginning	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 10-20m	Bin 2 20-30	Bin 3 30-35	Bin 4 35-40	Bin 5 40-45	Bin 6 45-50	Bin 7 50-55	Bin 8 55-60	Bin 9 60-70	Bin 10 70-80	Bin 11 80-90	Bin 12 90-95
00:00	1	-	47.5	-	0	0	0	0	0	0	1	0	0	0	0	0
01:00	1	-	57.5	-	0	0	0	0	0	0	1	0	0	0	0	0
02:00	2	43.7	40.0	3.5	0	0	0	0	1	1	0	0	0	0	0	0
03:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
04:00	5	46.5	39.5	6.7	0	0	0	2	0	2	1	0	0	0	0	0
05:00	8	47.2	39.7	7.3	0	0	0	0	8	2	2	0	0	0	0	0
06:00	27	55.2	47.3	7.6	0	0	1	0	8	15	1	0	1	1	0	0
07:00	61	50.5	44.0	6.2	0	0	5	7	25	17	4	2	1	0	0	0
08:00	61	50.6	43.0	7.4	0	1	1	6	8	21	13	11	0	0	0	0
09:00	87	47.6	40.9	6.4	0	0	2	17	17	27	18	6	0	0	0	0
10:00	65	42.2	36.7	5.3	0	0	4	22	15	18	2	0	0	0	0	0
11:00	59	44.3	35.3	8.8	0	1	16	11	13	11	3	4	0	0	0	0
12:00	44	45.5	38.6	6.6	0	0	2	13	9	15	3	1	1	0	0	0
13:00	65	45.5	39.2	6.0	0	1	3	5	25	24	6	1	0	0	0	0
14:00	36	46.2	39.9	6.1	0	0	1	5	13	12	3	1	1	0	0	0
15:00	47	46.6	38.6	7.6	0	1	3	7	17	10	7	1	1	0	0	0
16:00	77	48.0	39.4	8.2	0	1	5	18	19	13	12	8	1	0	0	0
17:00	56	46.5	39.1	9.1	0	1	9	13	14	19	6	1	0	0	0	0
18:00	50	50.2	39.3	10.5	0	1	9	6	9	6	12	6	0	1	0	0
19:00	29	45.5	36.2	9.0	0	3	0	10	3	10	3	0	0	0	0	0
20:00	15	53.5	47.2	6.1	0	0	0	0	5	2	7	0	0	0	0	0
21:00	12	44.1	36.5	7.3	0	0	1	5	4	0	1	1	0	0	0	0
22:00	3	47.7	42.5	5.0	0	0	0	0	0	1	1	0	0	0	0	0
23:00	1	-	25.0	-	0	0	1	0	0	0	0	0	0	0	0	0
Total																
2H(10-12)	124	43.5	36.0	7.2	0	1	20	33	32	29	5	4	0	0	0	0
2H(14-16)	83	46.5	39.3	7.0	0	1	4	12	30	22	10	2	2	0	0	0
12H(7-19)	710	47.6	39.6	7.8	0	7	49	131	167	201	102	44	6	2	0	1
24H(0-24)	814	46.1	39.8	8.0	0	10	52	150	179	230	128	53	7	3	1	1
AM Peak	09:00	06:00	01:00	11:00	00:00	08:00	11:00	10:00	10:00	09:00	09:00	08:00	07:00	06:00	06:00	00:00
	87	55.2	51.5	8.8	0	1	16	20	19	27	18	3	2	1	1	0
PM Peak	16:00	20:00	20:00	18:00	12:00	19:00	18:00	16:00	13:00	19:00	16:00	12:00	18:00	12:00	17:00	17:00
	77	53.5	47.2	10.5	0	3	9	18	25	24	12	8	1	1	0	1

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 10-20m	Bin 2 20-30	Bin 3 30-35	Bin 4 35-40	Bin 5 40-45	Bin 6 45-50	Bin 7 50-55	Bin 8 55-60	Bin 9 60-70	Bin 10 70-80	Bin 11 80-90	Bin 12 90-95
00:00	1	-	47.5	-	0	0	0	0	0	0	1	0	0	0	0	0
01:00	4	57.4	43.8	13.1	0	0	0	2	0	0	0	1	1	0	0	0
02:00	3	43.8	40.8	2.9	0	0	0	0	1	2	0	0	0	0	0	0
03:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
04:00	8	44.1	36.8	-	0	0	0	0	2	3	1	0	0	0	0	0
05:00	11	50.2	41.8	8.1	0	0	1	0	3	4	2	0	1	0	0	0
06:00	13	54.9	41.3	7.3	0	0	0	1	0	11	16	2	1	1	0	0
07:00	83	50.6	44.2	6.2	0	0	1	6	8	28	32	5	2	1	0	0
08:00	136	52.0	44.4	7.3	0	2	2	7	15	43	39	25	2	1	0	0
09:00	153	48.1	40.3	7.6	0	2	8	30	23	47	33	9	1	0	0	0
10:00	119	47.5	39.0	8.3	1	2	5	24	30	40	13	1	1	1	0	0
11:00	114	44.2	34.6	9.2	2	2	34	12	27	26	7	4	0	0	0	0
12:00	89	45.2	39.0	6.0	0	0	4	18	25	33	6	2	1	0	0	0
13:00	108	46.9	40.2	6.5	0	0	2	4	8	39	36	16	7	1	0	0
14:00	74	46.4	40.2	5.9	0	0	1	11	27	23	6	5	1	0	0	0
15:00	114	49.5	41.3	7.9	0	1	6	10	30	35	22	6	3	0	1	0
16:00	181	50.1	41.8	8.0	0	1	6	25	51	35	36	22	1	4	0	0
17:00	156	50.5	42.3	7.9	0	1	6	18	26	49	39	14	2	0	0	1
18:00	100	51.8	42.0	9.5	0	1	11	12	9	25	22	16	3	0	0	0
19:00	74	48.4	39.3	8.8	0	3	3	14	16	25	7	1	5	0	0	0
20:00	32	52.5	44.3	7.9	0	0	1	5	1	10	4	11	0	0	0	0
21:00	35	47.7	40.9	6.6	0	0	1	7	1	14	5	3	0	0	0	0
22:00	16	49.3	43.8	5.3	0	0	0	2	1	4	9	0	0	0	0	0
23:00	12	43.0	35.2	7.5	0	0	1	8	1	0	1	1	0	0	0	0
Total																
28/04/2022	233	46.2	36.8	9.0	3	4	39	36	57	66	20	5	1	2	1	0
28/05/2022	231	46.4	40.9	7.2	0	1	7	21	57	28	27	11	4	0	0	0
28/06/2022	403	47.1	39.8	8.1	3	14	88	183	320	402	171	33	8	0	0	0
28/07/2022	4656	40.4	41.0	8.1	3	17	95	222	344	402	317	130	26	9	3	1
28/08/2022																
28/09/2022	1100	41.00	00.00	00.00	11:00	08:00	11:00	00:00	00:00	08:00	08:00	07:00	06:00	06:00	00:00	00:00
28/10/2022	1135	57.4	47.5	13.1	2	2	34	30	30	47	39	25	2	1	1	0
28/11/2022	161	52.1	41.3	7.3	0	0	1	6	8	28	32	5	2	1	0	0
28/12/2022	161	52.1	41.3	7.3	0	0	1	6	8	28	32	5	2	1	0	0
PM Peak	1630	50.00	40.00	10.00	12:00	19:00	16:00	16:00	17:00	17:00	17:00	18:00	19:00	18:00	15:00	17:00
PM Peak	1630	50.00	40.00	10.00	12:00	19:00	16:00	16:00	17:00	17:00	17:00	18:00	19:00	18:00	15:00	17:00



North Wales ATC 16, B5381 Roman Road

Direction: Westbound																	29/04/2022	
Hour	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 10-20m	Bin 2 20-30	Bin 3 30-35	Bin 4 35-40	Bin 5 40-45	Bin 6 45-50	Bin 7 50-55	Bin 8 55-60	Bin 9 60-65	Bin 10 65-70	Bin 11 70-80	Bin 12 80-90		
00:00	3	52.8	45.8	5.8	0	0	0	0	0	2	0	1	0	0	0	0		
01:00	1	-	32.5	-	0	0	0	0	1	0	0	0	0	0	0	0		
02:00	1	-	32.5	-	0	0	0	0	0	0	0	1	0	0	0	0		
03:00	1	-	32.5	-	0	0	0	0	1	0	0	0	0	0	0	0		
04:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0		
05:00	1	-	65.0	-	0	0	0	0	0	0	0	0	0	0	1	0		
06:00	6	48.4	43.3	4.8	0	0	0	0	1	4	0	1	0	0	0	0		
07:00	27	52.5	43.6	8.6	0	0	0	7	2	12	6	5	4	3	0	0		
08:00	66	53.9	45.2	8.5	0	2	1	1	11	13	15	21	2	0	0	0		
09:00	36	48.8	46.9	7.7	0	1	0	9	2	12	10	2	0	0	0	0		
10:00	30	48.8	36.4	5.1	0	0	7	5	11	3	1	1	2	0	0	0		
11:00	46	47.0	38.4	8.3	0	2	3	7	13	11	5	3	0	0	0	0		
12:00	48	45.0	38.0	6.8	0	0	3	19	4	13	9	0	0	0	0	0		
13:00	76	47.9	43.5	6.2	0	1	1	4	21	32	12	7	1	0	0	0		
14:00	63	45.6	37.6	7.7	0	1	10	4	23	17	7	0	1	0	0	0		
15:00	40	47.8	41.4	6.2	0	0	1	3	14	11	7	4	0	0	0	0		
16:00	207	47.5	42.4	5.9	0	0	0	9	46	28	12	0	3	0	0	0		
17:00	209	46.7	35.6	6.9	0	0	12	7	32	40	13	4	1	0	0	0		
18:00	95	44.4	38.5	5.7	0	0	7	12	39	26	11	0	0	0	0	0		
19:00	28	63.1	38.4	4.5	0	0	0	5	16	5	1	1	0	0	0	0		
20:00	17	43.7	35.3	8.1	0	1	0	10	2	2	1	1	0	0	0	0		
21:00	14	45.1	37.7	7.2	0	0	3	0	3	8	0	0	0	0	0	0		
22:00	14	43.0	34.8	7.9	0	0	3	5	4	0	1	1	0	0	0	0		
23:00	5	39.0	33.5	7.2	0	0	2	2	0	1	0	0	0	0	0	0		
Total																		
2H(10-12)	76	46.6	37.6	8.6	0	2	10	12	24	16	6	4	2	0	0	0		
2H(14-16)	303	46.7	39.1	7.4	0	1	11	7	37	28	14	4	1	0	0	0		
12H(7-19)	743	47.9	46.2	7.4	0	7	45	86	218	215	107	52	13	0	0	0		
24H(0-24)	284	47.7	40.0	7.4	0	8	53	110	244	237	110	58	13	1	0	0		
AM Peak	08:00	08:00	03:00	03:00	00:00	08:00	10:00	09:00	11:00	08:00	08:00	08:00	07:00	05:00	00:00	00:00		
	66	53.9	45.0	9.1	0	2	7	9	13	13	15	21	3	1	0	0		
PM Peak	17:00	13:00	13:00	20:00	12:00	13:00	17:00	12:00	16:00	17:00	17:00	16:00	16:00	12:00	12:00	12:00		
	109	47.9	43.5	8.1	0	1	12	13	46	40	13	9	3	0	0	0		

360 TSL Ltd

Direction: Eastbound

Hour Beginning	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 10-20m	Bin 2 20-30	Bin 3 30-35	Bin 4 35-40	Bin 5 40-45	Bin 6 45-50	Bin 7 50-55	Bin 8 55-60	Bin 9 60-65	Bin 10 65-70	Bin 11 70-80	Bin 12 80-90
00:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
02:00	2	37.5	37.5	0.0	0	0	0	0	2	0	0	0	0	0	0	0
03:00	3	57.5	57.5	0.0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	2	43.7	40.0	3.5	0	0	0	0	1	1	0	0	0	0	0	0
05:00	8	47.5	38.1	8.1	0	0	1	0	5	0	1	0	0	0	0	0
06:00	25	55.4	48.5	6.6	0	0	0	0	2	8	3	7	5	0	0	0
07:00	67	49.6	44.1	5.3	0	0	0	4	10	19	29	4	1	0	0	0
08:00	85	46.6	37.3	8.9	0	7	6	10	21	30	10	1	0	0	0	0
09:00	43	42.9	36.3	6.4	0	1	4	10	15	12	1	0	0	0	0	0
10:00	15	41.7	35.4	6.0	0	1	4	19	18	6	1	3	0	0	0	0
11:00	62	42.4	36.1	6.0	0	0	6	24	15	12	5	0	0	0	0	0
12:00	62	43.8	35.7	7.9	0	0	13	16	19	7	3	1	1	0	0	0
13:00	64	47.1	39.8	7.1	0	2	1	10	15	22	13	1	0	0	0	0
14:00	53	41.1	34.3	6.5	0	0	9	26	8	6	3	1	0	0	0	0
15:00	50	40.3	32.5	7.6	0	3	12	18	6	11	0	0	0	0	0	0
16:00	68	46.0	37.5	8.3	0	1	10	14	18	11	10	4	0	0	0	0
17:00	26	42.2	36.0	6.0	0	0	2	9	11	2	3	0	0	0	0	0
18:00	35	45.9	39.4	6.3	0	0	2	5	13	8	5	1	0	0	0	0
19:00	24	47.8	40.2	7.3	0	0	2	1	11	4	3	3	0	0	0	0
20:00	9	35.5	32.2	3.2	0	1	7	1	0	0	0	0	0	0	0	0
21:00	1	-	37.5	-	0	0	0	0	1	0	0	0	0	0	0	0
22:00	5	39.7	31.0	8.4	0	0	0	3	0	1	0	0	0	0	0	0
23:00	2	48.7	45.0	3.5	0	0	0	0	0	1	1	0	0	0	0	0
Total																
2H(10-12)	113	42.0	35.8	6.0	0	1	10	43	33	18	8	0	0	0	0	0
2H(14-16)	303	40.8	33.4	7.1	0	3	21	44	14	17	3	1	0	0	0	0
12H(7-19)	668	45.2	37.2	7.6	0	15	70	165	169	146	86	15	2	0	0	0
24H(0-24)	748	45.9	37.7	7.9	0	15	77	175	193	161	94	26	9	0	0	0
AM Peak	08:00	03:00	03:00	08:00	00:00	08:00	08:00	11:00	08:00	08:00	07:00	06:00	06:00	00:00	00:00	00:00
	85	57.5	51.5	8.9	0	7	6	24	21	30	29	7	3	0	0	0
PM Peak	16:00	22:00	23:00	22:00	12:00	15:00	13:00	14:00	12:00	13:00	13:00	16:00	12:00	12:00	12:00	12:00
	68	48.7	45.0	8.4	0	3	12	26	19	22	13	4	1	0	0	0

360 TSL Ltd

Direction: Total Flow

Hour	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 10-20m	Bin 2 20-30	Bin 3 30-35	Bin 4 35-40	Bin 5 40-45	Bin 6 45-50	Bin 7 50-55	Bin 8 55-60	Bin 9 60-65	Bin 10 65-70	Bin 11 70-80	Bin 12 80-90
00:00	3	51.8	45.8	5.8	0	0	0	0	0	2	0	1	0	0	0	0
01:00	1	-	32.5	-	0	0	0	1	0	0	0	0	0	0	0	0
02:00	3	51.5	43.5	8.7	0	0	0	0	0	2	0	0	0	0	0	0
03:00	3	64.1	49.2	14.4	0	0	0	1	0	0	0	0	2	0	0	0
04:00	2	43.7	40.0	3.5	0	0	0	0	0	1	1	0	0	0	0	0
05:00	9	53.9	41.9	11.5	0	0	1	0	5	0	1	1	0	1	0	0
06:00	31	54.3	41.5	6.6	0	0	0	0	3	12	3	8	5	0	0	0
07:00	84	50.6	44.0	6.3	0	0	0	0	11	12	25	34	8	4	0	0
08:00	151	50.6	40.7	9.5	0	9	7	11	32	43	25	22	2	0	0	0
09:00	79	46.0	38.4	7.3	0	2	4	18	17	44	11	2	0	0	0	0
10:00	81	43.3	35.8	7.3	0	1	11	24	29	9	4	1	2	0	0	0
11:00	108	44.5	31.1	7.3	0	2	9	31	28	25	10	3	0	0	0	0
12:00	110	44.4	36.7	7.5	0	0	16	35	23	29	12	3	1	0	0	0
13:00	140	47.6	40.7	6.6	0	3	2	14	36	34	25	5	1	0	0	0
14:00	116	43.7	36.1	7.3	0	1	19	30	35	13	10	1	0	0	0	0
15:00	90	45.0	36.4	8.3	0	3	13	21	20	22	7	4	0	0	0	0
16:00	175	47.3	39.9	7.2	0	1	10	22	64	40	22	6	3	0	0	0
17:00	137	46.0	38.8	6.9	0	0	15	16	43	42	16	4	1	0	0	0
18:00	130	44.7	38.7	5.9	0	9	17	52	34	17	1	0	0	0	0	0
19:00	52	45.4	39.2	6.0	0	0	2	6	27	9	4	4	0	0	0	0
20:00	26	41.4	34.2	6.9	0	1	1	17	3	2	1	1	0	0	0	0
21:00	15	44.8	37.7	6.9	0	0	3	0	0	0	0	0	0	0	0	0
22:00	19	42.1	33.8	8.0	0	0	6	5	5	1	1	1	0	0	0	0
23:00	7	44.6	35.4	8.9	0	0	2	2	0	2	1	0	0	0	0	0
Total																
2H(10-12)	189	44.0	36.5	7.2	0	3	20	55	57	34	14	4	2	0	0	0
2H(14-16)	205	44.3	36.3	7.8	0	4	32	51	51	45	17	5	1	0	0	0
12H(7-19)	1048	46.7	39.7	7.8	0	22	115	251	387	361	165	88	22	1	0	0
AHPK 24	1582	46.5	38.9	7.7	0	23	130	283	437	398	204	84	22	1	0	0
PM Peak	08:00	03:00	03:00	00:00	00:00	08:00	08:00	08:00	07:00	08:00	07:00	08:00	05:00	00:00	00:00	00:00
PM Peak	15:00	16:00	15:00	12:00	12:00	12:00	14:00	14:00	13:00	14:00	13:00	16:00	16:00	12:00	12:00	12:00
PM Peak	10:00	11:00	10:00	11:00	11:00	11:00	11:00	11:00	11:00	11:00	11:00	11:00	11:00	11:00	11:00	11:00



North Wales ATC 16, B5381 Roman Road

Direction: Westbound

30/04/2022																
Hour Beginning	Total Volume	ESD Percentile	Mean Average	Standard Deviation	Bin 1 10-20m	Bin 2 20-30	Bin 3 30-40	Bin 4 40-50	Bin 5 50-60	Bin 6 60-65	Bin 7 65-70	Bin 8 70-75	Bin 9 75-80	Bin 10 80-90	Bin 11 90-95	Bin 12 95-100
00:00	6	52.5	41.5	7.4	0	0	0	0	0	1	0	0	0	0	0	0
01:00	1	-	47.5	-	0	0	0	0	0	0	1	0	0	0	0	0
02:00	3	52.7	36.3	15.9	0	0	0	0	1	0	0	0	1	0	0	0
03:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
04:00	1	-	32.5	-	0	0	0	1	0	0	0	0	0	0	0	0
05:00	2	37.5	37.5	0.0	0	0	0	0	2	0	0	0	0	0	0	2
06:00	7	54.0	44.6	9.1	0	0	0	2	0	0	4	0	1	0	0	0
07:00	6	46.1	36.4	15.1	0	2	1	1	1	0	1	0	1	0	0	0
08:00	16	49.1	43.4	5.8	0	0	0	0	5	6	3	1	1	0	0	0
09:00	52	44.8	37.9	6.7	0	0	1	16	24	6	2	0	0	0	0	0
10:00	62	43.6	38.2	5.2	0	0	3	8	34	11	5	1	0	0	0	0
11:00	101	50.2	43.9	8.1	0	1	2	10	34	27	9	14	1	3	0	0
12:00	86	46.3	38.0	8.0	0	1	13	12	23	20	15	1	1	0	0	0
13:00	75	49.8	40.1	9.4	0	1	4	13	27	11	14	1	0	3	1	0
14:00	59	44.4	36.2	7.9	0	2	8	11	20	14	2	1	1	0	0	0
15:00	46	43.6	36.6	6.7	0	1	5	7	21	8	4	0	0	0	0	0
16:00	59	46.5	40.4	7.8	0	0	5	7	27	14	13	1	0	0	0	0
17:00	38	49.3	41.5	7.5	0	0	1	5	14	6	5	6	1	0	0	0
18:00	44	52.0	42.9	9.7	0	1	1	6	16	6	2	8	3	1	0	0
19:00	17	50.8	39.0	11.5	0	0	6	0	1	4	0	0	0	0	0	0
20:00	11	43.0	37.3	5.5	0	0	1	1	7	1	1	0	0	0	0	0
21:00	11	46.8	41.4	7.2	0	0	1	1	0	7	1	1	0	0	0	0
22:00	5	44.1	39.5	4.5	0	0	0	1	1	3	0	0	0	0	0	0
23:00	6	44.5	37.1	7.1	0	0	1	1	1	3	0	0	0	0	0	0
Total																
201616-12	163	48.1	40.5	7.3	0	1	5	18	68	38	14	15	1	3	0	0
201614-16	105	44.0	36.4	7.4	0	3	13	18	43	22	6	1	1	0	0	0
12047-10	604	47.8	39.4	8.1	0	9	44	95	245	130	74	36	10	10	1	0
24062-24	723	47.9	39.4	8.2	0	9	54	102	209	151	84	41	12	10	1	0
AM Peak	11:00	06:00	02:00	02:00	00:00	07:00	10:00	09:00	10:00	11:00	11:00	11:00	00:00	11:00	00:00	00:00
PM Peak	12:00	18:00	18:00	19:00	12:00	14:00	12:00	13:00	13:00	12:00	12:00	18:00	18:00	13:00	13:00	12:00
	86	52.6	43.9	11.5	0	2	13	13	27	20	15	8	3	3	1	0

360 TSL Ltd

Direction: Eastbound

30/04/2022																
Hour Beginning	Total Volume	ESD Percentile	Mean Average	Standard Deviation	Bin 1 10-20m	Bin 2 20-30	Bin 3 30-40	Bin 4 40-50	Bin 5 50-60	Bin 6 60-65	Bin 7 65-70	Bin 8 70-75	Bin 9 75-80	Bin 10 80-90	Bin 11 90-95	Bin 12 95-100
00:00	1	-	42.5	-	0	0	0	0	0	1	0	0	0	0	0	0
01:00	2	43.7	40.0	3.5	0	0	0	0	0	1	0	0	0	0	0	0
02:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
04:00	4	42.3	30.6	11.3	0	0	3	0	0	0	1	0	0	0	0	0
05:00	3	46.5	37.5	8.7	0	0	0	2	0	0	1	0	0	0	0	0
06:00	7	49.3	41.8	7.8	0	0	0	2	1	1	2	1	0	0	0	0
07:00	23	52.0	44.6	7.2	0	0	1	1	3	6	6	6	0	0	0	0
08:00	35	50.3	37.6	12.3	3	3	6	6	4	4	1	0	0	0	0	0
09:00	52	42.0	35.2	6.6	0	1	7	15	19	8	1	1	0	0	0	0
10:00	47	44.6	37.2	6.5	0	2	12	17	13	11	1	0	0	0	0	0
11:00	42	46.7	38.6	7.8	0	1	1	12	11	11	3	1	2	0	0	0
12:00	37	39.6	34.1	5.3	0	0	5	19	8	4	1	0	0	0	0	0
13:00	38	47.7	37.3	10.1	0	2	4	9	9	8	1	1	1	0	0	0
14:00	46	47.4	39.3	7.8	0	0	2	11	17	7	6	0	2	1	0	0
15:00	51	46.0	39.1	8.6	0	2	1	12	15	5	1	3	0	0	0	0
16:00	47	49.2	40.0	8.8	0	0	3	13	6	17	3	2	1	2	0	0
17:00	45	45.0	38.1	6.6	0	0	1	16	15	6	4	1	0	0	0	0
18:00	47	46.2	38.9	6.1	0	0	3	6	21	7	10	0	0	0	0	0
19:00	21	53.1	43.5	9.3	0	0	0	6	2	5	1	4	3	0	0	0
20:00	11	54.7	41.8	12.4	0	0	0	3	1	0	1	5	0	0	0	0
21:00	6	49.4	36.3	12.7	0	0	3	0	0	1	1	1	0	0	0	0
22:00	13	46.3	38.7	7.4	0	0	0	7	0	1	1	1	0	0	0	0
23:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
Total																
201616-12	89	45.3	37.9	7.1	0	2	3	24	28	24	4	1	3	0	0	0
201614-16	97	47.7	39.2	8.2	0	2	3	23	30	20	12	1	1	0	0	0
12047-10	510	46.6	38.1	8.1	3	7	33	132	145	108	48	18	12	4	0	0
24062-24	578	47.1	38.4	8.4	3	7	42	150	149	121	57	30	15	4	0	0
AM Peak	09:00	07:00	07:00	08:00	08:00	09:00	09:00	09:00	09:00	10:00	07:00	07:00	11:00	00:00	00:00	00:00
PM Peak	12:00	20:00	19:00	21:00	12:00	13:00	13:00	12:00	18:00	16:00	18:00	30:00	15:00	16:00	12:00	12:00
	53	54.7	43.5	12.7	0	2	5	18	21	17	10	5	3	2	0	0

360 TSL Ltd

Direction: Total Flow

30/04/2022																
Hour Beginning	Total Volume	ESD Percentile	Mean Average	Standard Deviation	Bin 1 10-20m	Bin 2 20-30	Bin 3 30-40	Bin 4 40-50	Bin 5 50-60	Bin 6 60-65	Bin 7 65-70	Bin 8 70-75	Bin 9 75-80	Bin 10 80-90	Bin 11 90-95	Bin 12 95-100
00:00	7	50.2	43.2	6.7	0	0	0	0	2	4	0	0	1	0	0	0
01:00	3	47.7	42.5	5.0	0	0	0	0	1	1	1	0	0	0	0	0
02:00	2	52.7	36.3	15.9	0	0	1	0	0	1	0	0	0	0	0	0
03:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
04:00	5	41.1	31.0	9.8	0	0	3	1	0	0	1	0	0	0	0	0
05:00	5	43.8	37.5	6.1	0	0	0	2	2	0	1	0	0	0	0	0
06:00	14	51.8	41.2	8.3	0	0	0	4	1	5	6	1	0	0	0	0
07:00	29	52.8	41.6	10.7	0	2	2	7	3	7	6	7	0	0	0	0
08:00	51	50.8	39.4	11.0	3	0	3	6	11	14	7	5	2	0	0	0
09:00	104	43.5	36.5	6.7	0	1	8	31	44	3	2	1	0	0	0	0
10:00	109	43.8	37.8	5.8	0	1	5	20	51	24	6	1	1	0	0	0
11:00	149	49.2	40.9	8.2	0	2	9	21	45	38	12	15	3	0	0	0
12:00	123	44.6	36.8	7.5	0	1	18	31	31	24	16	1	1	0	0	0
13:00	115	49.2	37.1	9.7	0	3	8	22	36	19	17	2	1	0	0	0
14:00	105	45.8	37.6	8.0	0	2	10	22	17	21	8	1	1	0	0	0
15:00	97	46.0	37.9	7.8	0	3	6	19	34	21	10	1	3	0	0	0
16:00	116	48.7	40.2	8.2	0	0	8	19	31	16	3	2	4	0	0	0
17:00	83	47.1	39.7	7.2	0	0	2	21	29	12	9	8	2	0	0	0
18:00	91	46.8	40.4	8.1	0	1	4	12	37	13	12	8	3	0	0	0
19:00	38	52.3	41.4	10.4	0	0	6	6	3	9	3	8	3	0	0	0
20:00	22	49.6	39.5	9.7	0	0	4	2	7	2	2	5	0	0	0	0
21:00	17	49.3	39.6	9.4	0	0	4	1	2	2	0	0	0	0	0	0
22:00	18	45.7	38.9	6.6	0	0	0	8	1	6	2	1	0	0	0	0
23:00	6	44.5	37.1	7.1	0	0	1	1	1	3	0	0	0	0	0	0
Total																
201616-12	252	47.2	39.5	7.4	0	3	8	42	96	62	18	16	4	3	0	0
201614-16	202	45.9	37.7	7.9	0	5	16	44	77	42	18	7	1	1	0	0
201612-14	114	47.3	41.2	8.2	0	1	16	77	227	71	102	112	22	22	14	0
201610-12	1305	47.5	39.0	8.3	3	16	96	252	408	272	141	71	27	14	1	0
PM Peak	11:00	17:00	00:00	00:00	00:00	00:00	00:00	00:00	10:00	11:00	11:00	11:00	11:00	11:00	00:00	00:00
12:00	12:00	12:00	13:00	13:00	12:00	13:00	12:00	14:00	16:00	13:00	17:00	14:00	13:00	13:00	12:00	12:00
23:00	12:00	12:00	12:00	12:00	0	3	18	31	97	31	17	8	3	4	1	0



North Wales ATC 16, B5381 Roman Road

Direction: Westbound																01/05/2022
Hour	Total Volume	ESD Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-40	Bin 5 40-50	Bin 6 50-60	Bin 7 60-70	Bin 8 70-80	Bin 9 80-90	Bin 10 90-99	Bin 12 >=100	
00:00	1	-	42.5	-	0	0	0	0	0	0	0	0	0	0	0	
01:00	5	47.3	44.5	2.7	0	0	0	0	0	3	2	0	0	0	0	
02:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	
03:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	
04:00	1	-	32.5	-	0	0	0	1	0	0	0	0	0	0	0	
05:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	
06:00	5	65.6	55.0	14.1	0	0	0	0	0	3	0	1	0	0	1	
07:00	17	47.2	42.2	4.8	0	0	0	0	7	1	4	1	0	0	0	
08:00	13	52.4	42.3	9.7	0	0	0	1	8	1	0	1	1	1	0	
09:00	15	44.4	38.4	6.1	0	0	4	2	14	12	5	0	0	0	0	
10:00	49	48.3	40.2	7.9	0	0	3	13	5	16	6	5	1	0	0	
11:00	48	44.3	37.7	6.3	0	1	1	15	12	14	5	0	0	0	0	
12:00	61	45.5	37.6	7.6	0	1	2	19	26	5	2	5	0	1	0	
13:00	36	45.8	38.0	7.5	0	1	2	9	9	9	5	1	0	0	0	
14:00	32	44.9	37.9	6.8	0	1	0	10	8	10	2	1	0	0	0	
15:00	44	45.9	38.0	7.5	0	0	3	13	15	7	2	2	2	0	0	
16:00	30	44.7	38.6	4.9	0	0	1	5	30	17	6	0	0	0	0	
17:00	38	47.4	41.6	5.6	0	0	1	5	3	20	8	1	0	0	0	
18:00	18	43.6	37.9	5.4	0	0	1	4	6	6	1	0	0	0	0	
19:00	32	52.6	42.7	9.6	0	0	4	4	3	4	9	7	1	0	0	
20:00	29	44.3	38.6	4.5	0	0	0	3	16	5	5	0	0	0	0	
21:00	7	50.2	40.4	9.0	0	0	0	3	1	1	1	0	1	0	0	
22:00	1	-	52.5	-	0	0	0	0	0	0	0	1	0	0	0	
23:00	2	37.5	37.5	0.0	0	0	0	0	2	0	0	0	0	0	0	
Total																
2H(10-12)	97	46.4	39.0	7.2	0	1	4	28	17	30	11	5	1	0	0	
2H(14-16)	76	45.4	38.0	7.1	0	1	3	23	23	17	4	3	2	0	0	
12H(7-19)	651	46.1	39.0	6.8	0	4	18	96	149	122	44	17	5	2	0	
24H(0-24)	534	46.8	39.4	7.2	0	4	22	107	105	139	61	26	7	2	1	
AM Peak	10:00	05:00	06:00	06:00	00:00	11:00	09:00	11:00	09:00	10:00	10:00	10:00	08:00	08:00	06:00	00:00
	49	65.4	51.0	14.1	0	1	4	15	14	16	6	5	1	1	1	0
PM Peak	12:00	19:00	22:00	19:00	12:00	12:00	19:00	12:00	16:00	17:00	19:00	19:00	15:00	12:00	12:00	12:00
	61	52.6	52.5	9.6	0	1	4	13	35	20	6	7	2	1	0	0

360 TSL Ltd

Direction: Eastbound															
01/05/2022															
Hour Beginning	Total Volume	ESD Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-40	Bin 5 40-50	Bin 6 50-60	Bin 7 60-70	Bin 8 70-80	Bin 9 80-90	Bin 10 90-99	Bin 12 >=100
00:00	1	-	32.5	-	0	0	0	1	0	0	0	0	0	0	0
01:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0
02:00	2	47.5	47.5	0.0	-	0	0	0	0	0	2	0	0	0	0
03:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0
04:00	3	46.5	37.5	8.7	0	0	0	2	0	0	1	0	0	0	0
05:00	7	42.8	55.0	7.5	0	0	0	0	0	1	1	0	0	0	0
06:00	4	41.7	32.5	8.8	0	0	2	0	0	1	0	0	0	0	0
07:00	17	48.0	40.9	6.9	0	0	1	2	4	5	4	1	0	0	0
08:00	12	50.9	43.3	7.3	0	0	0	2	5	2	1	1	0	0	0
09:00	44	44.5	34.8	9.4	0	3	9	8	13	3	7	1	0	0	0
10:00	59	47.8	37.6	8.5	1	1	2	7	22	20	4	1	0	0	0
11:00	55	42.6	34.6	7.7	0	1	11	18	15	5	2	3	0	0	0
12:00	53	45.5	37.1	8.1	1	1	2	16	16	10	4	3	0	0	0
13:00	51	47.8	39.1	8.4	0	0	4	12	16	8	1	0	2	0	0
14:00	39	47.2	39.7	7.3	0	0	2	5	18	7	4	0	3	0	0
15:00	71	44.2	35.9	8.5	0	4	4	27	15	15	5	0	1	0	0
16:00	65	45.7	37.8	7.6	0	0	4	19	25	10	3	3	0	0	1
17:00	47	44.4	36.5	7.7	0	0	6	13	19	5	2	0	1	1	0
18:00	48	44.4	37.4	6.7	0	0	5	13	12	12	5	1	0	0	0
19:00	13	41.8	33.5	8.1	0	1	2	4	3	3	0	0	0	0	0
20:00	19	38.7	32.0	4.5	0	0	4	12	0	0	0	0	0	0	0
21:00	16	42.7	34.1	8.4	0	0	6	2	4	2	2	0	0	0	0
22:00	3	43.7	40.0	5.5	0	0	0	0	0	1	1	0	0	0	0
23:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0
Total															
2H(10-12)	114	45.6	36.9	8.4	1	2	13	25	37	25	3	6	1	1	0
2H(14-16)	110	45.5	37.2	8.0	0	4	6	32	31	23	10	4	0	4	0
12H(7-19)	561	45.8	37.4	8.1	2	10	50	142	174	106	48	17	7	4	1
24H(0-24)	628	45.6	37.3	8.3	2	11	64	163	185	115	54	17	11	5	1
AM Peak	10:00	05:00	05:00	09:00	10:00	09:00	11:00	11:00	10:00	10:00	09:00	10:00	05:00	05:00	00:00
	59	62.8	55.8	9.4	1	3	11	18	22	20	7	3	4	1	0
PM Peak	12:00	19:00	22:00	12:00	12:00	15:00	17:00	15:00	16:00	15:00	13:00	12:00	14:00	13:00	16:00
	71	47.2	40.0	8.4	1	4	6	27	25	15	6	3	2	1	0

360 TSL Ltd

Direction: Total Flow															
Hour Beginning	Total Volume	ESD Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-40	Bin 5 40-50	Bin 6 50-60	Bin 7 60-70	Bin 8 70-80	Bin 9 80-90	Bin 10 90-99	Bin 12 >=100
00:00	2	44.8	37.5	7.1	0	0	0	1	0	1	0	0	0	0	0
01:00	5	47.3	44.5	2.7	0	0	0	0	0	3	2	0	0	0	0
02:00	2	47.5	47.5	0.0	0	0	0	0	0	2	0	0	0	0	0
03:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0
04:00	4	44.0	36.3	7.5	0	0	0	0	3	0	1	0	0	0	0
05:00	7	62.8	55.0	7.5	0	0	0	0	0	1	1	0	4	1	0
06:00	9	38.3	42.8	5.0	0	1	0	0	1	4	0	0	0	1	0
07:00	34	41.7	41.5	5.8	0	0	1	2	11	10	8	2	0	0	0
08:00	25	51.6	42.8	8.5	0	0	0	3	9	6	2	2	2	1	0
09:00	79	44.9	36.4	8.2	0	3	13	10	27	15	10	1	0	0	0
10:00	108	48.0	39.6	8.2	1	1	5	20	27	36	7	8	2	1	0
11:00	107	45.5	36.0	7.2	0	2	12	31	27	19	7	0	0	0	0
12:00	114	45.5	37.4	7.8	1	2	4	35	42	15	6	8	0	1	0
13:00	97	46.9	38.9	8.0	0	0	6	21	25	17	11	2	0	0	0
14:00	71	46.2	38.9	7.1	0	1	2	15	26	17	6	1	3	0	0
15:00	115	44.9	36.7	7.9	0	4	7	40	28	23	8	2	3	0	0
16:00	125	45.4	38.7	6.5	0	5	24	55	27	9	3	1	0	0	0
17:00	85	46.3	38.8	7.2	0	0	7	18	22	25	10	1	1	1	0
18:00	66	44.2	37.6	6.4	0	0	6	17	16	18	5	0	0	0	0
19:00	45	50.4	40.0	10.0	0	1	6	8	6	7	9	7	1	0	0
20:00	48	42.6	36.6	5.8	0	0	4	15	18	6	5	0	0	0	0
21:00	23	45.3	36.0	9.0	0	0	6	5	0	0	0	1	0	0	0
22:00	3	52.1	44.2	7.6	0	0	0	0	1	1	0	1	0	0	0
23:00	2	37.5	37.5	0.0	0	0	0	0	2	0	0	0	0	0	0
Total															
2H(10-12)	211	46.0	37.8	7.9	1	3	17	53	54	55	14	11	2	1	0
2H(14-16)	186	45.4	37.5	7.6	0	5	9	55	54	40	14	3	6	0	0
12H(7-19)	1012	46.0	38.1	7.6	1	14	68	238	317	228	92	34	12	6	1
24H(0-24)	1462	46.4	38.2	7.8	2	15	86								



North Wales ATC 16, B5381 Roman Road

Direction: Westbound																02/05/2022											
Hour	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 10-20	Bin 2 20-30	Bin 3 30-40	Bin 4 40-50	Bin 5 50-60	Bin 6 60-70	Bin 7 70-80	Bin 8 80-90	Bin 9 90-100	Bin 10 100-110	Bin 11 110-120	Bin 12 120-130											
00:00	2	42.5	42.5	0.0	0	0	0	0	0	0	2	0	0	0	0	0											
01:00	3	47.2	44.2	2.9	0	0	0	0	0	0	2	1	0	0	0	0											
02:00	1	-	32.5	-	0	0	0	1	0	0	0	0	0	0	0	0											
03:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0											
04:00	3	32.5	32.5	0.0	0	0	0	3	0	0	0	0	0	0	0	0											
05:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0											
06:00	3	51.8	45.8	5.8	0	0	0	0	0	0	2	2	0	0	0	0											
07:00	12	48.1	43.4	4.5	0	0	0	0	0	3	1	1	1	1	0	0											
08:00	16	50.0	41.4	8.9	0	0	0	1	11	1	0	1	1	1	1	0											
09:00	12	45.1	38.7	6.2	0	0	3	3	13	8	1	0	0	0	0	0											
10:00	53	48.1	39.8	8.0	0	0	3	16	8	13	4	9	0	0	0	0											
11:00	82	45.0	38.8	6.0	0	1	1	24	14	32	10	0	0	0	0	0											
12:00	78	44.1	37.3	6.5	0	1	2	20	33	8	3	6	0	0	0	0											
13:00	65	44.5	37.4	6.9	0	1	4	20	18	12	9	1	0	0	0	0											
14:00	57	46.2	39.1	6.9	0	1	0	15	17	15	4	5	0	0	0	0											
15:00	56	45.8	38.3	7.2	0	0	3	17	16	13	2	3	2	0	0	0											
16:00	56	44.3	39.7	4.0	0	0	4	5	30	24	3	0	0	0	0	0											
17:00	51	47.6	41.2	6.2	0	0	4	3	6	25	13	0	0	0	0	0											
18:00	24	44.8	40.1	4.5	0	0	1	1	7	14	1	0	0	0	0	0											
19:00	37	44.6	33.6	10.5	0	0	19	4	3	4	3	3	1	0	0	0											
20:00	29	44.4	39.1	5.2	0	0	0	6	14	3	6	0	0	0	0	0											
21:00	6	47.2	36.7	10.2	0	0	0	0	5	0	0	0	0	1	0	0											
22:00	1	-	52.5	-	0	0	0	0	0	0	0	1	0	0	0	0											
23:00	4	37.5	37.5	0.0	0	0	0	0	4	0	0	0	0	0	0	0											
Total																											
201610-12	135	46.3	39.2	6.9	0	1	4	40	22	45	14	9	0	0	0	0											
201614-16	113	46.0	38.7	7.0	0	1	3	32	33	28	6	8	2	0	0	0											
201617-19	602	46.0	39.1	6.6	0	4	22	130	176	182	56	26	5	1	0	0											
240169-24	691	46.0	38.8	6.8	0	4	41	149	197	195	66	31	7	1	0	0											
AM Peak	11:00	06:00	06:00	08:00	00:00	11:00	09:00	11:00	11:00	11:00	11:00	10:00	07:00	08:00	00:00	00:00											
82	51.8	45.8	8.9	0	1	3	24	14	32	10	9	1	1	0	0	0											
PM Peak	12:00	17:00	22:00	19:00	12:00	12:00	19:00	12:00	12:00	16:00	17:00	12:00	15:00	12:00	12:00	12:00											
78	47.6	52.5	10.5	0	1	19	23	33	26	13	6	2	0	0	0	0											

360 TSL Ltd

Direction: Eastbound																
Hour	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 10-20	Bin 2 20-30	Bin 3 30-40	Bin 4 40-50	Bin 5 50-60	Bin 6 60-70	Bin 7 70-80	Bin 8 80-90	Bin 9 90-100	Bin 10 100-110	Bin 11 110-120	Bin 12 120-130
00:00	5	39.1	34.5	4.5	0	0	0	4	0	1	0	0	0	0	0	0
01:00	1	-	32.5	-	0	0	0	1	0	0	0	0	0	0	0	0
02:00	7	47.5	47.5	0.0	0	0	0	0	0	0	7	0	0	0	0	0
03:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
04:00	4	60.4	44.4	15.5	0	0	0	2	0	0	1	0	0	1	0	0
05:00	5	59.8	52.5	7.1	0	0	0	0	0	0	1	1	0	0	0	0
06:00	3	36.6	29.2	7.2	0	0	2	0	1	0	0	0	0	0	0	0
07:00	23	47.1	45.1	5.8	0	0	0	1	2	4	12	3	1	0	0	0
08:00	17	49.4	44.6	4.7	0	0	0	1	6	8	1	0	0	0	0	0
09:00	49	42.2	35.1	6.9	0	2	6	11	21	7	2	0	0	0	0	0
10:00	67	44.4	37.2	6.9	1	1	2	14	30	15	1	3	0	0	0	0
11:00	47	40.9	33.8	6.8	0	1	10	13	18	2	3	0	0	0	0	0
12:00	78	45.5	38.1	7.1	1	1	2	22	15	27	10	0	0	0	0	0
13:00	75	52.7	40.8	11.0	0	0	4	19	25	10	7	1	0	8	1	0
14:00	41	43.7	38.4	5.1	0	0	1	7	22	5	6	0	0	0	0	0
15:00	61	43.8	35.8	7.7	0	3	9	29	10	22	8	0	0	0	0	0
16:00	59	44.3	38.1	6.1	0	0	0	5	9	25	13	6	1	0	0	0
17:00	43	40.7	34.5	5.9	0	0	5	25	13	2	1	0	0	0	0	0
18:00	74	44.2	36.6	7.3	0	0	12	19	20	11	11	1	0	0	0	0
19:00	21	38.6	32.3	6.1	0	1	3	12	3	2	0	0	0	0	0	0
20:00	24	37.1	31.9	5.0	0	0	6	14	2	0	0	0	0	0	0	0
21:00	11	41.8	33.9	7.6	0	0	4	1	3	3	0	0	0	0	0	0
22:00	3	42.2	39.2	2.9	0	0	0	0	0	0	1	0	0	0	0	0
23:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
Total																
201610-12	114	43.1	35.8	7.1	1	2	12	27	48	17	4	3	0	0	0	0
201614-16	122	44.0	36.7	7.0	0	3	10	36	31	27	14	0	0	0	0	0
201617-19	604	45.3	37.4	7.7	2	8	57	167	204	132	66	8	1	8	1	0
201624-24	738	45.3	37.2	7.8	2	9	72	201	215	142	75	6	4	9	1	0
AM Peak	10:00	04:00	05:00	06:00	10:00	09:00	11:00	10:00	10:00	10:00	08:00	10:00	05:00	04:00	00:00	00:00
87	40.4	52.5	15.5	1	2	10	14	39	15	8	3	3	1	0	0	0
PM Peak	15:00	13:00	13:00	13:00	13:00	15:00	18:00	15:00	13:00	13:00	18:00	13:00	17:00	13:00	13:00	13:00
81	52.2	40.8	11.0	1	3	12	29	25	27	11	1	1	8	1	0	0

360 TSL Ltd

Direction: Total Flow																
Hour Beginning	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 10-20	Bin 2 20-30	Bin 3 30-40	Bin 4 40-50	Bin 5 50-60	Bin 6 60-70	Bin 7 70-80	Bin 8 80-90	Bin 9 90-100	Bin 10 100-110	Bin 11 110-120	Bin 12 120-130
00:00	7	42.3	36.8	5.3	0	0	0	4	0	3	0	0	0	0	0	0
01:00	4	47.8	41.3	6.3	0	0	0	1	0	2	1	0	0	0	0	0
02:00	8	51.1	45.6	5.3	0	0	0	1	0	0	0	0	0	0	0	0
03:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
04:00	7	52.4	39.3	12.6	0	0	0	0	0	1	0	1	0	0	0	0
05:00	5	59.8	52.5	7.1	0	0	0	0	0	1	1	0	3	0	0	0
06:00	6	48.7	37.5	10.8	0	0	2	0	1	2	0	1	0	0	0	0
07:00	46	47.7	42.2	5.3	0	0	1	1	7	27	5	2	1	0	0	0
08:00	33	50.4	43.0	7.1	0	0	0	2	12	7	8	2	1	1	0	0
09:00	81	43.6	36.5	6.9	0	2	9	14	34	15	7	0	0	0	0	0
10:00	120	46.2	38.4	7.5	1	1	5	30	38	28	5	12	0	0	0	0
11:00	129	42.9	37.0	6.7	0	2	11	37	31	34	13	0	0	0	0	0
12:00	156	44.8	37.7	6.8	1	2	4	47	48	35	13	6	0	0	0	0
13:00	140	49.0	39.2	8.4	0	1	8	39	40	24	16	1	0	0	0	0
14:00	98	46.2	38.8	6.1	0	1	1	22	19	20	10	5	0	0	0	0
15:00	137	44.7	36.9	7.6	0	3	12	46	26	35	10	3	2	0	0	0
16:00	125	44.4	38.9	5.3	0	0	6	14	55	39	9	1	0	0	0	0
17:00	94	46.3	38.2	6.9	0	0	9	24	19	27	14	0	1	0	0	0
18:00	98	44.6	37.5	6.9	0	0	13	20	27	25	12	1	0	0	0	0
19:00	58	42.6	33.1	9.1	0	1	22	16	4	6	3	3	1	0	0	0
20:00	53	42.2	35.8	6.2	0	0	6	20	16	5	6	0	0	0	0	0
21:00	17	43.6	34.9	8.4	0	0	4	6	0	0	0	1	0	0	0	0
22:00	4	49.8	42.5	7.1	0	0	0	0	2	1	0	1	0	0	0	0
23:00	4	37.5	37.5	0.0	0	0	0	0	4	0	0	0	0	0	0	0
Total																
201610-12	249	45.0	37.7	7.1	1	3	16	67	70	62	18	12	0	0	0	0
201611-12	249	45.0	37.7	7.1	0	4	13	48	65	16	20	8	0	0	0	0
201612-12	256	45.7	38.2	7.2	2	12	79	297	380	134	122	34	4	9	1	0
201701-12	2429	46.7	38.0	7.4	0	2	13	113	590	412	517	141	39	11	10	0
Ave Peak	110	55.00	55.00	0.00	10.00	09.00	11.00	27.00	41.00	11.00	11.00	05.00	05.00	04.00	00.00	00.00
Ave Peak 15	101	58.8	58.8	0.0	10.0	11.0	21.0	37.0	65.0	16.0	20.0	8.0	3.0	1.0	0.0	0.0
PM Peak	100	22.00	20.00	33.00	12.00	15.00	10.00	12.00	16.00	36.00	13.00	23.00	15.00	13.00	13.00	12.00
155	48.8	42.5	3.4	0	3	3	22	47	55	39	16	6	2	8	1	0



North Wales ATC 16, B5381 Roman Road

Direction: Westbound

09/05/2022																
Hour Beginning	Total Volume	ESD Percentile	Mean Average	Standard Deviation	Bin 1 <10th%	Bin 2 10-20%	Bin 3 20-30%	Bin 4 30-40%	Bin 5 40-50%	Bin 6 50-60%	Bin 7 60-70%	Bin 8 70-80%	Bin 9 80-90%	Bin 10 90-95%	Bin 11 95-98%	Bin 12 >98%
00:00	3	25.0	25.0	0.0	0	0	3	0	0	0	0	0	0	0	0	0
01:00	2	42.5	42.5	0.0	0	0	0	0	2	2	0	0	0	0	0	0
02:00	1	-	32.5	-	0	0	0	1	0	0	0	0	0	0	0	0
03:00	1	-	42.5	-	0	0	0	0	0	1	0	0	0	0	0	0
04:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
05:00	2	32.5	32.5	0.0	0	0	2	0	0	0	0	0	0	0	0	0
06:00	5	46.2	42.5	3.5	0	0	0	0	1	3	1	0	0	0	0	0
07:00	28	46.1	38.2	7.6	0	1	3	1	9	11	3	0	0	0	0	0
08:00	59	48.1	38.9	5.9	1	0	2	12	33	33	4	1	0	0	0	0
09:00	49	45.1	38.7	6.1	0	0	2	10	18	11	1	2	1	0	0	0
10:00	32	44.7	36.3	8.2	0	2	2	8	11	4	5	0	0	0	0	0
11:00	39	43.8	37.8	5.8	0	0	0	16	11	8	3	0	1	0	0	0
12:00	51	48.4	35.8	8.3	0	0	13	11	11	8	4	1	0	0	0	0
13:00	42	43.8	37.4	6.1	0	0	4	10	13	11	4	0	0	0	0	0
14:00	53	40.9	35.5	5.2	0	1	2	10	26	4	0	1	0	0	0	0
15:00	44	47.4	38.1	9.1	0	1	2	2	14	14	8	0	0	0	0	0
16:00	60	46.5	40.5	5.8	0	0	0	14	34	15	15	16	1	0	0	0
17:00	117	46.5	38.9	7.4	1	1	5	29	33	37	13	2	1	1	0	0
18:00	57	45.3	37.8	7.2	0	1	3	10	28	10	3	0	1	0	0	0
19:00	27	44.8	35.3	9.2	0	3	1	6	11	3	1	0	0	0	0	0
20:00	19	65.1	49.2	15.3	0	0	1	1	4	2	1	7	1	0	0	0
21:00	12	47.4	34.6	12.4	1	1	1	0	5	2	2	0	0	0	0	0
22:00	8	43.0	36.6	6.3	0	0	1	2	2	3	0	0	0	0	0	0
23:00	6	32.5	23.7	10.4	0	4	0	1	1	0	0	0	0	0	0	0
Total																
2H(10-12)	71	44.3	37.1	7.0	0	2	2	24	22	12	8	0	1	0	0	0
2H(14-16)	97	44.2	36.6	7.3	0	5	4	21	40	18	8	1	0	0	0	0
12H(7-19)	631	45.7	38.3	7.1	1	11	36	126	200	171	66	33	5	2	0	0
24H(0-24)	717	46.5	38.2	8.0	2	10	43	139	224	107	72	21	6	2	0	2
AM Peak	08:00	08:00	01:00	10:00	00:00	10:00	00:00	11:00	09:00	08:00	08:00	08:00	08:00	00:00	00:00	00:00
	59	48.2	42.5	8.2	0	2	3	16	18	33	6	4	1	0	0	0
PM Peak	17:00	20:00	20:00	20:00	17:00	15:00	12:00	17:00	17:00	17:00	16:00	20:00	17:00	17:00	12:00	20:00
	117	55.1	45.2	15.3	1	4	13	23	35	37	16	7	1	1	0	2

360 TSL Ltd

Direction: Eastbound

Hour	Total Volume	ESD Percentile	Mean Average	Standard Deviation	Bin 1 <10th%	Bin 2 10-20	Bin 3 20-30	Bin 4 30-40	Bin 5 40-50	Bin 6 50-60	Bin 7 60-70	Bin 8 70-80	Bin 9 80-90	Bin 10 90-95	Bin 11 95-98	Bin 12 >98%
00:00	3	42.7	40.0	2.9	0	0	0	0	2	1	0	0	0	0	0	0
01:00	2	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
03:00	1	-	32.5	-	0	0	0	1	0	0	0	0	0	0	0	0
04:00	1	-	32.5	-	0	0	0	1	0	0	0	0	0	0	0	0
05:00	14	52.1	46.2	11.5	0	0	4	0	4	3	0	0	0	0	0	0
06:00	30	55.9	47.3	8.3	0	0	0	1	1	11	9	1	1	4	0	0
07:00	80	53.2	47.5	5.5	0	0	0	1	3	23	28	39	5	1	0	0
08:00	100	55.1	45.1	9.6	0	0	10	10	3	22	16	25	10	2	0	0
09:00	48	43.1	35.8	7.1	0	0	5	23	10	5	1	4	0	0	0	0
10:00	53	43.4	36.7	6.4	0	0	6	14	18	10	4	1	0	0	0	0
11:00	29	43.2	35.6	7.3	0	1	3	8	11	4	1	1	0	0	0	0
12:00	41	49.2	42.4	7.5	0	1	1	3	8	21	11	5	1	0	0	0
13:00	46	51.6	42.7	9.1	0	0	5	4	7	20	11	2	1	0	0	0
14:00	58	42.0	32.9	8.8	1	4	5	34	5	5	1	2	1	0	0	0
15:00	54	51.2	45.3	10.5	0	2	2	10	15	1	15	2	4	1	3	0
16:00	67	48.4	39.1	9.0	0	0	10	9	21	11	7	7	1	1	0	0
17:00	66	45.4	33.8	9.2	1	5	10	19	15	8	9	0	0	0	0	0
18:00	44	44.7	35.4	8.0	0	1	5	14	13	4	4	1	0	0	0	0
19:00	22	45.9	36.2	9.4	1	1	1	4	4	11	0	0	0	0	0	0
20:00	6	55.6	39.3	10.8	1	0	0	0	0	1	1	0	0	0	0	0
21:00	9	50.2	38.9	10.9	0	0	3	0	1	0	5	0	0	0	0	0
22:00	4	56.9	36.0	6.1	0	0	2	1	1	1	0	0	0	0	0	0
23:00	5	45.1	35.5	4.5	0	0	0	1	1	1	0	0	0	0	0	0
Total																
2H(10-12)	62	43.3	36.3	6.7	0	1	9	22	29	14	5	2	0	0	0	0
2H(14-16)	112	47.1	36.5	10.3	1	6	7	44	20	20	3	3	1	5	0	0
12H(7-19)	686	49.1	39.6	9.6	2	14	62	142	133	148	84	70	23	7	1	0
24H(0-24)	783	49.8	39.7	8.7	4	15	72	153	144	184	102	72	24	12	1	0
AM Peak	08:00	06:00	07:00	05:00	00:00	11:00	08:00	09:00	10:00	07:00	07:00	08:00	08:00	06:00	00:00	00:00
PM Peak	16:00	20:00	13:00	20:00	14:00	17:00	16:00	14:00	16:00	13:00	13:00	16:00	15:00	15:00	13:00	12:00
	67	55.6	42.2	15.8	1	5	10	23	18	23	28	29	30	4	0	0

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	ESD Percentile	Mean Average	Standard Deviation	Bin 1 <10th%	Bin 2 10-20	Bin 3 20-30	Bin 4 30-40	Bin 5 40-50	Bin 6 50-60	Bin 7 60-70	Bin 8 70-80	Bin 9 80-90	Bin 10 90-95	Bin 11 95-98	Bin 12 >98%
00:00	6	40.3	32.1	8.0	0	0	3	0	2	1	0	0	0	0	0	0
01:00	4	43.8	41.3	2.5	0	0	0	0	1	3	0	0	0	0	0	0
02:00	1	-	32.5	-	0	0	0	1	0	0	0	0	0	0	0	0
03:00	2	44.8	37.5	7.1	0	0	0	1	0	1	0	0	0	0	0	0
04:00	1	-	32.5	-												
05:00	16	50.7	39.2	11.1	0	4	2	6	2	2	2	1	0	0	0	0
06:00	35	54.9	46.6	8.0	0	0	0	1	2	16	10	1	1	4	0	0
07:00	108	73.1	73.3	7.3	1	3	2	12	32	34	34	3	1	0	0	0
08:00	150	52.8	44.0	8.5	0	1	10	5	24	55	22	29	11	2	0	0
09:00	97	43.3	62.7	0.0	0	7	53	33	3	3	3	1	0	0	0	0
10:00	85	43.9	36.6	7.1	0	2	8	22	29	14	9	1	0	0	0	0
11:00	68	42.6	36.8	6.5	0	1	3	24	22	12	4	0	0	0	0	0
12:00	92	47.0	43.3	8.4	1	14	34	14	10	1	3	1	0	0	0	0
13:00	48	46.3	39.9	8.2	0	0	9	14	15	31	15	7	1	0	0	0
14:00	74	48.1	74.1	7.4	0	0	7	33	31	3	3	1	0	0	0	0
15:00	98	40.5	39.3	9.9	0	6	4	12	29	29	10	1	4	1	0	0
16:00	72	46.8	36.8	12.7	0	0	0	10	16	16	16	1	1	3	0	0
17:00	183	45.8	37.1	8.4	2	6	35	42	48	45	21	2	1	0	0	0
18:00	101	40.5	37.2	7.6	0	2	8	24	41	15	14	7	3	1	1	0
19:00	49	42.7	36.7	8.2	0	4	2	10	15	15	7	3	1	0	0	0
20:00	25	63.1	46.8	15.7	1	0	1	1	4	5	2	8	1	0	0	0
21:00	10	61.1	46.8	15.7	1	0	0	0	3	3	3	7	0	0	0	0
22:00	12	41.4	34.4	6.8	0	0	0	0	0	0	0	0	0	0	0	0
23:00	11	39.3	28.0	10.7	0	0	4	2	1	0	0	0	0	0	0	0
Total	1553	43.8	36.7	6.8	0	3	11	46	51	26	13	2	1	0	0	0
2PM-3:15	209	45.9	36.6	9.0	1	1	11	11	85	60	38	11	4	5	3	0
2PM-4:15	209	45.9	36.6	9.0	3	25	98	248	338	115	48	0	0	0	0	0
4PM-5:15	1500	48.3	39.0	9.0	6	34	115	232	368	371	174	93	30	14	1	0
Hour Ending	15:00	06:00	06:00	00:00	00:00	15:00	06:00	06:00	00:00	06:00	06:00	00:00	00:00	00:00	00:00	00:00
PM Peak	17:00	20:00	20:00	17:00	15:00	15:00	17:00	17:00	17:00	16:00	12:00	15:00	15:00	15:00	15:00	00:00
PM Peak	17:00	20:00	20:00	17:00	15:00	15:00	17:00	17:00	17:00	16:00	12:00	15:00	15:00	15:00	15:00	00:00



North Wales ATC 16, B5381 Roman Road

04/05/2022																
Hour Beginning	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 10-20m	Bin 2 20-30m	Bin 3 30-35m	Bin 4 35-40m	Bin 5 40-45m	Bin 6 45-50m	Bin 7 50-55m	Bin 8 55-60m	Bin 9 60-65m	Bin 10 65-70m	Bin 11 70-80m	Bin 12 80-90m
00:00	2	45.7	40.8	5.5	0	0	0	0	0	0	0	0	0	0	0	0
01:00	3	41.8	35.8	5.8	0	0	0	2	0	1	0	0	0	0	0	0
02:00	2	32.5	32.5	0.0	0	0	0	2	0	0	0	0	0	0	0	0
03:00	1	-	37.5	-	0	0	0	0	1	0	0	0	0	0	0	0
04:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
05:00	1	-	32.5	-	0	0	0	1	0	0	0	0	0	0	0	1
06:00	6	49.7	40.4	9.0	0	0	1	0	1	3	0	1	0	0	0	0
07:00	14	44.3	38.4	6.7	0	0	1	2	5	1	0	0	0	0	0	0
08:00	68	46.0	40.2	5.6	0	0	1	13	18	20	16	0	0	0	0	0
09:00	58	44.2	38.0	5.9	0	0	4	13	18	11	7	0	0	0	0	0
10:00	34	39.5	34.2	5.1	0	0	5	14	11	4	0	0	0	0	0	0
11:00	51	45.7	34.9	10.4	1	2	14	2	18	6	7	0	0	1	0	0
12:00	41	49.5	41.2	8.0	1	0	1	3	11	10	13	2	0	0	0	0
13:00	37	50.9	45.3	5.3	0	0	0	1	4	14	9	9	0	0	0	0
14:00	30	50.7	45.6	6.9	0	0	0	3	4	14	4	4	0	1	0	0
15:00	75	48.5	42.2	6.2	0	0	1	4	23	28	12	5	1	1	0	0
16:00	80	52.1	45.3	6.6	0	0	9	8	8	27	27	11	0	0	0	0
17:00	126	51.4	45.5	7.6	0	0	7	12	14	26	50	14	2	1	0	0
18:00	46	55.0	46.8	7.9	0	1	1	0	2	12	13	25	1	1	0	0
19:00	28	54.3	46.3	7.7	0	0	0	0	7	6	8	4	1	2	0	0
20:00	22	46.9	43.2	3.6	0	0	0	1	1	14	6	0	0	0	0	0
21:00	13	51.8	45.5	7.9	0	0	0	4	1	4	8	3	3	0	0	0
22:00	29	56.9	46.9	9.6	0	0	0	1	4	13	4	1	1	5	0	0
23:00	1	-	37.5	-	0	0	0	0	1	0	0	0	0	0	0	0
Total	85	43.6	34.6	8.6	1	2	19	16	29	10	7	0	0	1	0	0
2H(14-16)	105	49.2	42.6	6.4	0	0	1	7	27	42	16	9	1	2	0	0
12H(7-19)	669	46.7	41.7	7.8	2	3	38	67	137	181	159	60	7	6	0	0
24H(0-24)	50.3	42.1	7.8	2	3	39	78	154	223	185	69	12	13	0	0	0
AM Peak	08:00	06:00	06:00	11:00	11:00	11:00	10:00	09:00	08:00	08:00	06:00	00:00	11:00	00:00	00:00	00:00
	68	48.7	40.4	10.4	1	2	14	14	19	20	16	1	0	1	0	0
PM Peak	17:00	22:00	22:00	22:00	12:00	18:00	17:00	17:00	15:00	15:00	17:00	18:00	16:00	22:00	12:00	12:00
	126	51.5	45.9	9.6	1	1	7	12	23	28	50	15	3	5	0	0

360 TSL Ltd

Direction: Eastbound

Hour Beginning	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 10-20m	Bin 2 20-30m	Bin 3 30-35m	Bin 4 35-40m	Bin 5 40-45m	Bin 6 45-50m	Bin 7 50-55m	Bin 8 55-60m	Bin 9 60-65m	Bin 10 65-70m	Bin 11 70-80m	Bin 12 80-90m
00:00	1	-	42.5	-	0	0	0	0	0	1	0	0	0	0	0	0
01:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
02:00	1	-	32.5	-	0	0	0	1	0	0	0	0	0	0	0	0
03:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
04:00	1	-	25.0	-	0	0	1	0	0	0	0	0	0	0	0	0
05:00	2	32.5	32.5	0.0	0	0	0	2	0	0	0	0	0	0	0	0
06:00	26	56.2	47.1	8.8	0	0	2	0	2	5	8	4	0	0	0	0
07:00	105	55.5	46.6	8.6	0	0	0	5	22	28	16	8	21	5	0	0
08:00	86	46.6	40.6	5.8	0	2	13	21	34	11	5	0	0	0	0	0
09:00	40	44.1	36.6	7.3	0	0	7	7	16	4	5	1	0	0	0	0
10:00	46	42.4	34.8	7.3	0	0	11	15	6	10	4	4	0	0	0	0
11:00	56	42.8	34.2	8.3	0	1	18	7	18	7	3	2	0	0	0	0
12:00	40	45.8	37.9	7.6	0	1	2	13	6	11	6	1	0	0	0	0
13:00	68	46.4	38.4	7.8	1	0	7	8	20	26	2	1	0	0	0	0
14:00	48	47.7	39.2	8.2	0	1	1	14	13	5	12	1	0	1	0	0
15:00	42	49.3	39.6	6.9	0	1	5	11	7	13	2	0	0	0	0	0
16:00	52	47.9	42.0	5.7	0	0	1	4	12	21	10	4	0	0	0	0
17:00	60	46.5	39.5	6.9	0	1	1	13	18	12	13	1	0	0	0	0
18:00	28	56.7	45.4	11.0	0	1	0	2	5	7	5	3	2	3	0	0
19:00	30	54.2	43.8	10.1	0	0	2	5	6	1	5	9	1	1	0	0
20:00	4	42.1	34.4	7.5	0	0	1	1	1	0	0	0	0	0	0	0
21:00	7	53.9	39.3	14.1	0	0	2	1	1	1	1	0	0	1	0	0
22:00	4	43.5	37.5	5.8	0	0	0	0	0	2	1	0	0	0	0	0
23:00	1	-	47.5	-	0	0	0	0	0	0	1	0	0	0	0	0
Total	102	42.6	34.5	7.8	0	1	29	22	34	17	7	2	0	0	0	0
2H(14-16)	90	48.4	38.4	8.7	0	4	2	19	24	12	25	1	0	1	0	0
12H(7-19)	671	48.9	40.0	8.6	1	8	51	106	168	172	100	32	34	9	0	0
24H(0-24)	748	49.4	40.3	8.8	1	8	59	116	176	181	112	40	29	11	0	0
AM Peak	07:00	06:00	06:00	06:00	00:00	11:00	11:00	10:00	07:00	08:00	07:00	06:00	07:00	07:00	00:00	00:00
	105	56.2	41.1	8.8	0	1	18	19	22	34	16	8	21	5	0	0
PM Peak	17:00	22:00	22:00	22:00	13:00	15:00	13:00	14:00	13:00	13:00	15:00	19:00	18:00	18:00	12:00	12:00
	68	56.7	47.5	14.1	1	3	7	16	29	26	13	6	2	3	0	0

360 TSL Ltd

Direction: Total Flow

Hour	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 10-20m	Bin 2 20-30m	Bin 3 30-35m	Bin 4 35-40m	Bin 5 40-45m	Bin 6 45-50m	Bin 7 50-55m	Bin 8 55-60m	Bin 9 60-65m	Bin 10 65-70m	Bin 11 70-80m	Bin 12 80-90m
00:00	3	41.8	35.8	5.8	0	0	0	2	0	1	0	0	0	0	0	0
01:00	3	41.8	35.8	5.8	0	0	0	3	0	0	0	0	0	0	0	0
02:00	1	-	37.5	-	0	0	0	0	1	0	0	0	0	0	0	0
03:00	1	-	25.0	-	0	0	0	0	0	0	0	0	0	0	0	0
04:00	3	32.5	32.5	0.0	0	0	0	3	0	0	0	0	0	0	0	0
05:00	32	55.3	45.9	8.1	0	0	1	9	8	5	9	4	0	0	0	0
06:00	119	54.7	45.6	8.7	0	0	1	7	27	33	17	8	21	5	0	0
07:00	154	46.3	40.4	5.7	0	0	3	26	39	54	27	5	0	0	0	0
08:00	98	44.2	37.4	6.5	0	0	11	29	48	17	15	1	0	0	0	0
09:00	80	41.2	34.6	6.4	0	0	16	29	17	14	4	0	0	0	0	0
10:00	107	44.2	34.5	9.9	1	3	10	9	36	13	10	2	0	0	0	0
11:00	81	47.8	39.6	7.9	1	1	3	16	17	21	19	3	0	0	0	0
12:00	105	48.0	40.8	7.7	1	0	7	9	24	40	11	12	1	0	0	0
13:00	78	49.2	40.9	8.0	0	1	1	17	17	19	16	5	0	2	0	0
14:00	117	49.0	42.3	7.6	0	3	2	9	34	35	25	7	1	1	0	0
15:00	132	50.6	44.0	6.5	0	4	4	20	48	37	15	3	1	0	0	0
16:00	186	50.1	42.2	7.5	0	1	8	25	32	38	63	16	2	1	0	0
17:00	74	55.7	46.3	9.1	0	2	1	2	7	19	18	68	3	1	0	0
18:00	58	54.3	45.0	9.1	0	0	2	5	13	7	13	13	2	3	0	0
19:00	26	47.3	41.8	5.3	0	0	1	2	2	15	6	0	0	0	0	0
20:00	30	54.1	34.1	9.8	0	0	2	5	1	9	1	3	1	0	0	0
21:00	33	55.8	45.8	9.7	0	0	0	3	4	15	4	1	1	5	0	0
22:00	2	49.8	45.5	7.1	0	0	0	0	1	0	1	0	0	0	0	0
Total	187	43.0	34.5	8.2	1	3	48	38	53	27	14	2	0	1	0	0
2H(14-16)	195	49.1	41.1	7.7	0	4	3	26	55	54	41	12	1	3	0	0
12H(7-19)	1331	49.4	40.8	8.3	3	11	89	173	305	353	259	92	31	15	0	0
24H(0-24)	1526	50.0	41.2	8.4	3	11	98	196	332	406	297	118	41	24	0	0
PHM Peak	1840	66.00	60.00	10.00	13.00	11.00	11.00	11.00	10.00	9.00	6.00	6.00	6.00	6.00	6.00	6.00
	154	55.3	45.9	8.3	1	5	32	29	39	54	27	9	21	5	0	0
PHM Peak	1700	22.00	18.00	21.00	12.00	15.00	17.00	15.00	18.00	16.00	17.00	18.00	16.00	22.00	12.00	12.00



North Wales ATC 16, B5381 Roman Road



Direction: Westbound

Hour Beginning	Thu 05/05/2022	Fri 06/05/2022	Sat 07/05/2022	Sun 08/05/2022	Mon 09/05/2022	Tue 10/05/2022	Wed 11/05/2022	5-Day Ave.	7-Day Ave.
00:00	0	2	7	2	2	1	3	2	2
01:00	2	0	1	2	2	1	2	1	1
02:00	1	1	2	0	1	0	0	1	1
03:00	0	0	0	0	1	1	1	1	0
04:00	1	0	1	1	2	0	0	1	1
05:00	4	2	1	0	2	1	0	2	1
06:00	6	6	5	4	10	7	9	8	7
07:00	22	26	7	11	24	31	23	25	21
08:00	69	71	28	10	63	61	62	65	52
09:00	56	45	46	29	45	49	54	50	46
10:00	49	39	63	48	36	38	34	39	44
11:00	51	49	82	54	56	40	60	51	56
12:00	45	59	81	56	42	45	45	47	53
13:00	52	59	73	44	30	43	41	45	49
14:00	48	66	67	48	64	43	40	52	54
15:00	80	48	59	47	64	53	55	60	58
16:00	103	100	68	49	83	73	85	89	80
17:00	111	95	36	35	106	106	116	107	86
18:00	56	88	34	18	58	54	51	61	51
19:00	39	40	21	28	35	33	21	34	31
20:00	26	18	12	20	15	16	23	20	19
21:00	18	17	11	7	14	18	18	17	15
22:00	11	12	10	1	7	10	19	12	10
23:00	6	5	6	3	5	3	2	4	4
Total									
12H(7-19)	742	745	644	449	671	636	666	692	650
16H(6-22)	831	826	693	508	745	710	737	770	721
18H(6-24)	848	843	709	512	757	723	758	786	736
24H(0-24)	856	848	721	517	767	727	764	792	743
AM Peak	08:00	08:00	11:00	11:00	08:00	08:00	08:00	08:00	11:00
	69	71	82	54	63	61	62	65	56
PM Peak	17:00	16:00	12:00	12:00	17:00	17:00	17:00	17:00	17:00
	111	100	81	56	106	106	116	107	86

360 TSL Ltd

Direction: Eastbound

Hour Beginning	Thu 05/05/2022	Fri 06/05/2022	Sat 07/05/2022	Sun 08/05/2022	Mon 09/05/2022	Tue 10/05/2022	Wed 11/05/2022	5-Day Ave.	7-Day Ave.
00:00	1	0	1	2	1	3	1	1	1
01:00	1	0	2	0	2	2	0	1	1
02:00	2	1	0	2	0	0	1	1	1
03:00	0	1	0	0	0	0	0	0	0
04:00	4	3	2	3	1	2	1	2	2
05:00	11	10	3	5	8	11	7	9	8
06:00	26	25	8	5	30	23	26	26	20
07:00	74	70	19	18	86	76	76	76	60
08:00	77	89	33	17	99	101	90	91	72
09:00	70	55	45	43	68	58	44	59	55
10:00	62	53	51	59	44	49	58	53	54
11:00	59	53	56	61	49	40	63	53	54
12:00	48	68	42	63	43	46	42	49	50
13:00	60	61	49	56	58	54	59	58	57
14:00	39	48	48	54	51	51	46	47	48
15:00	53	59	53	65	42	62	48	53	55
16:00	78	61	47	57	56	61	63	64	60
17:00	61	43	41	49	58	64	50	55	52
18:00	39	35	45	46	46	34	33	37	40
19:00	33	25	25	19	18	18	24	24	23
20:00	14	9	13	15	9	10	8	10	11
21:00	9	3	6	12	12	11	6	8	8
22:00	5	4	7	2	6	4	3	4	4
23:00	2	2	0	0	1	3	2	2	1
Total									
12H(7-19)	720	695	529	588	700	696	672	697	657
16H(6-22)	802	757	581	639	769	758	736	764	720
18H(6-24)	809	763	588	641	776	765	741	771	726
24H(0-24)	828	778	596	653	788	783	751	786	740
AM Peak	08:00	08:00	11:00	11:00	08:00	08:00	08:00	08:00	08:00
	77	89	56	61	99	101	90	91	72
PM Peak	16:00	12:00	15:00	15:00	13:00	17:00	16:00	16:00	16:00
	78	68	53	65	58	64	63	64	60

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Thu 05/05/2022	Fri 06/05/2022	Sat 07/05/2022	Sun 08/05/2022	Mon 09/05/2022	Tue 10/05/2022	Wed 11/05/2022	5-Day Ave.	7-Day Ave.
00:00	1	2	8	4	3	4	4	4	3
01:00	3	0	3	2	4	3	2	2	2
02:00	3	2	2	2	1	0	1	1	2
03:00	0	1	0	0	1	1	1	1	1
04:00	5	3	3	4	3	2	1	3	3
05:00	15	12	4	5	10	12	7	11	9
06:00	32	31	13	9	40	30	35	34	27
07:00	96	96	26	29	110	107	99	102	80
08:00	146	160	61	27	162	162	152	156	124
09:00	126	100	91	72	113	107	98	109	101
10:00	111	92	114	107	80	87	92	92	98
11:00	110	102	138	115	105	80	123	104	110
12:00	93	127	123	119	85	91	87	97	104
13:00	112	120	122	100	88	97	100	103	106
14:00	87	114	115	102	115	94	86	99	102
15:00	133	107	112	112	106	115	103	113	113
16:00	181	161	115	106	139	134	148	153	141
17:00	172	138	77	84	164	170	166	162	139
18:00	95	123	79	64	104	88	84	99	91
19:00	72	65	46	47	53	51	45	57	54
20:00	40	27	25	35	24	26	31	30	30
21:00	27	20	17	19	26	29	24	25	23
22:00	16	16	17	3	13	14	22	16	14
23:00	8	7	6	3	6	6	4	6	6
Total									
12H(7-19)	1462	1440	1173	1037	1371	1332	1338	1389	1308
16H(6-22)	1633	1583	1274	1147	1514	1468	1473	1534	1442
18H(6-24)	1657	1606	1297	1153	1533	1488	1499	1557	1462
24H(0-24)	1684	1626	1317	1170	1555	1510	1515	1578	1482
AM Peak	08:00	08:00	11:00	11:00	08:00	08:00	08:00	08:00	08:00
	146	160	138	115	162	162	152	156	124
PM Peak	16:00	16:00	12:00	12:00	17:00	17:00	17:00	17:00	16:00
	181	161	123	119	164	170	166	162	141

360 TSL Ltd



North Wales ATC 16, B5381 Roman Road

Direction: Westbound

	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 5 May 2022	856	647	191	6	12
Fri 6 May 2022	848	710	131	1	6
Sat 7 May 2022	721	643	76	0	2
Sun 8 May 2022	517	484	32	1	0
Mon 9 May 2022	767	687	70	5	5
Tue 10 May 2022	727	644	78	3	2
Wed 11 May 2022	764	591	164	1	8
5 Day Ave.	792	656	127	3	7
7 Day Ave.	743	629	106	2	5

Direction: Eastbound

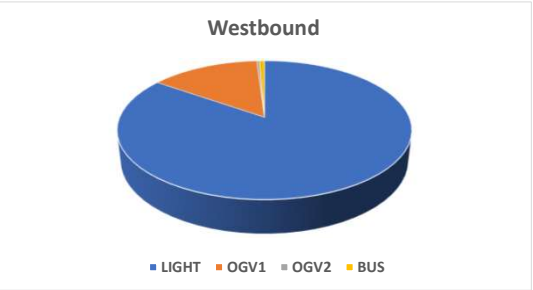
	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 5 May 2022	828	694	119	7	8
Fri 6 May 2022	778	696	74	4	4
Sat 7 May 2022	596	534	62	0	0
Sun 8 May 2022	653	610	39	3	1
Mon 9 May 2022	788	682	97	5	4
Tue 10 May 2022	783	653	124	3	3
Wed 11 May 2022	751	610	130	5	6
5 Day Ave.	786	667	109	5	5
7 Day Ave.	740	640	92	4	4

Direction: Total Flow

	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 5 May 2022	1684	1341	310	13	20
Fri 6 May 2022	1626	1406	205	5	10
Sat 7 May 2022	1317	1177	138	0	2
Sun 8 May 2022	1170	1094	71	4	1
Mon 9 May 2022	1555	1369	167	10	9
Tue 10 May 2022	1510	1297	202	6	5
Wed 11 May 2022	1515	1201	294	6	14
5 Day Ave.	1578	1323	236	8	12
7 Day Ave.	1482	1269	198	6	9

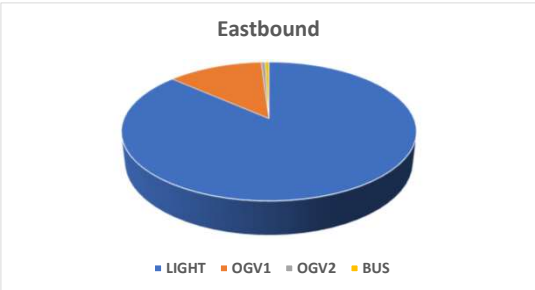
	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 5 May 2022	100.0%	75.6%	22.3%	0.7%	1.4%
Fri 6 May 2022	100.0%	83.7%	15.4%	0.1%	0.7%
Sat 7 May 2022	100.0%	89.2%	10.5%	0.0%	0.3%
Sun 8 May 2022	100.0%	93.6%	6.2%	0.2%	0.0%
Mon 9 May 2022	100.0%	89.6%	9.1%	0.7%	0.7%
Tue 10 May 2022	100.0%	88.6%	10.7%	0.4%	0.3%
Wed 11 May 2022	100.0%	77.4%	21.5%	0.1%	1.0%
5 Day Ave.	100.0%	82.8%	16.0%	0.4%	0.8%
7 Day Ave.	100.0%	84.7%	14.3%	0.3%	0.7%

360 TSL Ltd



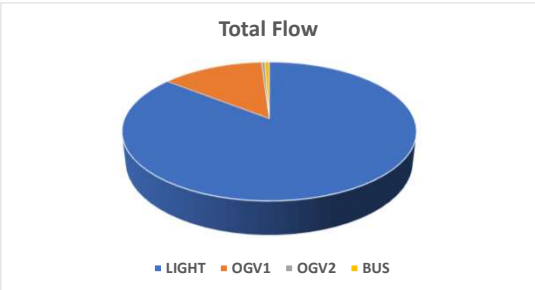
	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 5 May 2022	100.0%	83.8%	14.4%	0.8%	1.0%
Fri 6 May 2022	100.0%	89.5%	9.5%	0.5%	0.5%
Sat 7 May 2022	100.0%	89.6%	10.4%	0.0%	0.0%
Sun 8 May 2022	100.0%	93.4%	6.0%	0.5%	0.2%
Mon 9 May 2022	100.0%	86.5%	12.3%	0.6%	0.5%
Tue 10 May 2022	100.0%	83.4%	15.8%	0.4%	0.4%
Wed 11 May 2022	100.0%	81.2%	17.3%	0.7%	0.8%
5 Day Ave.	100.0%	84.9%	13.8%	0.6%	0.6%
7 Day Ave.	100.0%	86.5%	12.5%	0.5%	0.5%

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	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 5 May 2022	100.0%	79.6%	18.4%	0.8%	1.2%
Fri 6 May 2022	100.0%	86.5%	12.6%	0.3%	0.6%
Sat 7 May 2022	100.0%	89.4%	10.5%	0.0%	0.2%
Sun 8 May 2022	100.0%	93.5%	6.1%	0.3%	0.1%
Mon 9 May 2022	100.0%	88.0%	10.7%	0.6%	0.6%
Tue 10 May 2022	100.0%	85.9%	13.4%	0.4%	0.3%
Wed 11 May 2022	100.0%	79.3%	19.4%	0.4%	0.9%
5 Day Ave.	100.0%	83.8%	14.9%	0.5%	0.7%
7 Day Ave.	100.0%	85.6%	13.4%	0.4%	0.6%

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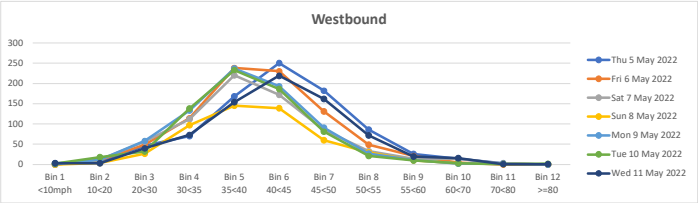


North Wales ATC 16, B5381 Roman Road

Direction: Westbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<30	Bin 4 30<35	Bin 5 35<40	Bin 6 40<45	Bin 7 45<50	Bin 8 50<55	Bin 9 55<60	Bin 10 60<70	Bin 11 70<80	Bin 12 >=80
Thu 5 May 2022	856	51.4	42.4	8.7	3	8	46	70	168	250	182	86	26	14	3	0
Fri 6 May 2022	848	48.3	40.2	7.8	0	11	49	114	238	230	131	49	21	5	0	0
Sat 7 May 2022	721	48.4	39.4	8.7	0	12	57	112	220	172	85	33	14	14	2	0
Sun 8 May 2022	517	47.9	39.8	7.8	0	4	27	97	145	139	60	30	10	3	2	0
Mon 9 May 2022	767	46.8	38.7	7.8	1	12	58	133	237	193	91	27	11	2	2	0
Tue 10 May 2022	727	47.2	38.8	8.1	2	18	32	138	233	186	81	21	10	3	1	2
Wed 11 May 2022	764	51.2	42.3	8.6	3	3	40	73	154	219	162	72	20	16	1	1
5 Day Ave.	792	49.0	40.5	8.2	2	10	45	106	206	216	129	51	18	8	1	1
7 Day Ave.	743	48.7	40.2	8.2	1	10	44	105	199	198	113	45	16	8	2	0

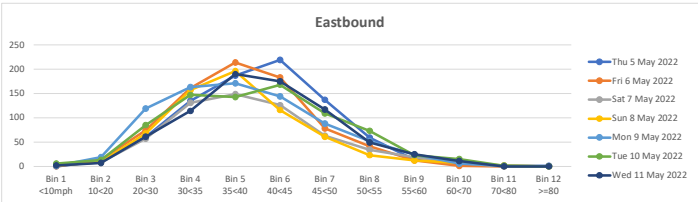
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Direction: Eastbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<30	Bin 4 30<35	Bin 5 35<40	Bin 6 40<45	Bin 7 45<50	Bin 8 50<55	Bin 9 55<60	Bin 10 60<70	Bin 11 70<80	Bin 12 >=80
Thu 5 May 2022	828	48.7	40.1	8.3	0	11	60	135	187	219	137	59	14	4	1	1
Fri 6 May 2022	778	46.5	38.2	8.0	0	14	74	161	214	183	78	41	12	1	0	0
Sat 7 May 2022	596	48.0	38.7	8.9	2	8	57	131	149	126	63	34	19	7	0	0
Sun 8 May 2022	653	46.6	37.7	8.6	2	9	68	157	196	116	61	23	12	7	2	0
Mon 9 May 2022	788	47.8	37.9	9.6	1	19	119	163	171	144	88	52	24	6	1	0
Tue 10 May 2022	783	50.0	39.6	10.0	6	13	85	147	143	168	109	73	23	15	1	0
Wed 11 May 2022	751	49.3	40.2	8.8	2	7	61	114	190	175	117	49	25	11	0	0
5 Day Ave.	786	48.5	39.2	8.9	2	13	80	144	181	178	106	55	20	7	1	0
7 Day Ave.	740	48.1	38.9	8.9	2	12	75	144	179	162	93	47	18	7	1	0

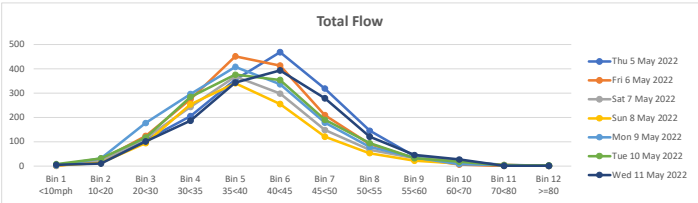
360 TSL Ltd



Direction: Total Flow

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<30	Bin 4 30<35	Bin 5 35<40	Bin 6 40<45	Bin 7 45<50	Bin 8 50<55	Bin 9 55<60	Bin 10 60<70	Bin 11 70<80	Bin 12 >=80
Thu 5 May 2022	1684	50.2	41.3	8.6	3	19	106	205	355	469	319	145	40	18	4	1
Fri 6 May 2022	1626	47.5	39.3	8.0	0	25	123	275	452	413	209	90	33	6	0	0
Sat 7 May 2022	1317	48.2	39.1	8.8	2	20	114	243	369	298	148	67	33	21	2	0
Sun 8 May 2022	1170	47.2	38.6	8.3	2	13	95	254	341	255	121	53	22	10	4	0
Mon 9 May 2022	1555	47.4	38.3	8.8	2	31	177	296	408	337	179	79	35	8	3	0
Tue 10 May 2022	1510	48.7	39.2	9.2	8	31	117	285	376	354	190	94	33	18	2	2
Wed 11 May 2022	1515	50.3	41.3	8.7	5	10	101	187	344	394	279	121	45	27	1	1
5 Day Ave.	1578	48.8	39.9	8.6	4	23	125	250	387	393	235	106	37	15	2	1
7 Day Ave.	1482	48.5	39.6	8.6	3	21	119	249	378	360	206	93	34	15	2	1

360 TSL Ltd





## North Wales ATC 16, B5381 Roman Road

Direction: Westbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<30	Bin 4 30<35	Bin 5 35<40	Bin 6 40<45	Bin 7 45<50	Bin 8 50<55	Bin 9 55<60	Bin 10 60<70	Bin 11 70<80	Bin 12 >=80
Thu 5 May 2022	100	51.4	39.0	11.9	3	3	14	5	21	29	17	3	1	2	2	0
Fri 6 May 2022	88	47.8	38.5	9.0	0	3	8	16	22	24	7	5	2	1	0	0
Sat 7 May 2022	145	48.5	40.1	8.1	0	1	7	22	53	34	13	9	1	5	0	0
Sun 8 May 2022	102	47.1	39.2	7.7	0	1	7	21	23	33	10	5	1	1	0	0
Mon 9 May 2022	92	43.6	36.3	7.0	0	2	11	20	34	18	5	2	0	0	0	0
Tue 10 May 2022	78	44.4	37.5	6.7	0	1	2	29	22	14	7	2	1	0	0	0
Wed 11 May 2022	94	45.2	35.4	9.4	2	1	22	15	25	15	12	1	0	1	0	0
5 Day Ave.	90	46.5	37.3	8.8	1	2	11	17	25	20	10	3	1	1	0	0
7 Day Ave.	100	46.9	38.0	8.5	1	2	10	18	29	24	10	4	1	1	0	0

360 TSL Ltd

Direction: Eastbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<30	Bin 4 30<35	Bin 5 35<40	Bin 6 40<45	Bin 7 45<50	Bin 8 50<55	Bin 9 55<60	Bin 10 60<70	Bin 11 70<80	Bin 12 >=80
Thu 5 May 2022	121	42.9	35.1	7.5	0	1	27	31	32	18	9	3	0	0	0	0
Fri 6 May 2022	106	43.3	35.8	7.1	0	3	9	37	31	18	5	2	1	0	0	0
Sat 7 May 2022	107	46.6	38.1	8.2	0	2	8	29	27	25	7	4	5	0	0	0
Sun 8 May 2022	120	46.3	37.4	8.5	1	2	12	26	38	27	4	7	2	1	0	0
Mon 9 May 2022	93	41.6	31.4	9.9	1	10	25	28	13	9	4	2	0	1	0	0
Tue 10 May 2022	89	44.1	36.2	7.6	0	1	13	24	28	14	6	2	0	1	0	0
Wed 11 May 2022	121	43.5	35.3	7.9	0	1	28	27	34	19	8	2	2	0	0	0
5 Day Ave.	106	43.1	34.8	8.0	0	3	20	29	28	16	6	2	1	0	0	0
7 Day Ave.	108	44.0	35.6	8.1	0	3	17	29	29	19	6	3	1	0	0	0

360 TSL Ltd

Direction: Total Flow

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<30	Bin 4 30<35	Bin 5 35<40	Bin 6 40<45	Bin 7 45<50	Bin 8 50<55	Bin 9 55<60	Bin 10 60<70	Bin 11 70<80	Bin 12 >=80
Thu 5 May 2022	221	47.2	36.9	9.9	3	4	41	36	53	47	26	6	1	2	2	0
Fri 6 May 2022	194	45.5	37.0	8.1	0	6	17	53	53	42	12	7	3	1	0	0
Sat 7 May 2022	252	47.8	39.2	8.2	0	3	15	51	80	59	20	13	6	5	0	0
Sun 8 May 2022	222	46.7	38.2	8.2	1	3	19	47	61	60	14	12	3	2	0	0
Mon 9 May 2022	185	43.0	33.8	8.9	1	12	36	48	47	27	9	4	0	1	0	0
Tue 10 May 2022	167	44.3	36.8	7.2	0	2	15	53	50	28	13	4	1	1	0	0
Wed 11 May 2022	215	44.3	35.4	8.6	2	2	50	42	59	34	20	3	2	1	0	0
5 Day Ave.	196	44.8	36.0	8.5	1	5	32	46	52	36	16	5	1	1	0	0
7 Day Ave.	208	45.5	36.8	8.4	1	5	28	47	58	42	16	7	2	2	0	0

360 TSL Ltd



## North Wales ATC 16, B5381 Roman Road

Direction: Westbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<30	Bin 4 30<35	Bin 5 35<40	Bin 6 40<45	Bin 7 45<50	Bin 8 50<55	Bin 9 55<60	Bin 10 60<70	Bin 11 70<80	Bin 12 >=80
Thu 5 May 2022	128	49.4	41.5	7.6	0	0	6	13	36	39	18	12	3	0	1	0
Fri 6 May 2022	114	47.4	39.8	7.3	0	1	9	10	38	32	16	6	2	0	0	0
Sat 7 May 2022	126	45.1	36.7	8.1	0	5	15	22	42	27	11	3	1	0	0	0
Sun 8 May 2022	95	47.5	39.3	7.9	0	1	5	21	27	23	8	6	4	0	0	0
Mon 9 May 2022	128	44.1	37.4	6.4	0	2	6	35	45	28	9	2	1	0	0	0
Tue 10 May 2022	96	44.0	36.7	7.1	0	4	6	21	35	23	6	1	0	0	0	0
Wed 11 May 2022	95	51.8	43.9	7.6	0	0	1	6	19	37	17	8	2	5	0	0
5 Day Ave.	112	47.3	39.9	7.2	0	1	6	17	35	32	13	6	2	1	0	0
7 Day Ave.	112	47.0	39.3	7.4	0	2	7	18	35	30	12	5	2	1	0	0

360 TSL Ltd

Direction: Eastbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<30	Bin 4 30<35	Bin 5 35<40	Bin 6 40<45	Bin 7 45<50	Bin 8 50<55	Bin 9 55<60	Bin 10 60<70	Bin 11 70<80	Bin 12 >=80
Thu 5 May 2022	92	47.3	39.8	7.3	0	1	4	13	34	21	12	4	3	0	0	0
Fri 6 May 2022	107	42.6	34.5	7.8	0	2	25	32	18	24	2	4	0	0	0	0
Sat 7 May 2022	101	46.8	38.1	8.4	0	3	5	27	30	20	10	1	4	1	0	0
Sun 8 May 2022	119	45.0	36.7	8.0	0	3	13	30	40	16	13	0	4	0	0	0
Mon 9 May 2022	93	45.3	36.9	8.1	0	0	14	21	32	17	6	1	0	1	1	0
Tue 10 May 2022	113	48.0	36.8	10.8	2	6	11	32	20	22	10	4	3	3	0	0
Wed 11 May 2022	94	48.3	39.9	8.1	0	3	3	14	29	19	20	5	0	1	0	0
5 Day Ave.	100	46.3	37.6	8.4	0	2	11	22	27	21	10	4	1	1	0	0
7 Day Ave.	103	46.2	37.5	8.4	0	3	11	24	29	20	10	3	2	1	0	0

360 TSL Ltd

Direction: Total Flow

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<30	Bin 4 30<35	Bin 5 35<40	Bin 6 40<45	Bin 7 45<50	Bin 8 50<55	Bin 9 55<60	Bin 10 60<70	Bin 11 70<80	Bin 12 >=80
Thu 5 May 2022	220	48.5	40.8	7.5	0	1	10	26	70	60	30	16	6	0	1	0
Fri 6 May 2022	221	45.6	37.3	8.0	0	3	34	42	56	56	18	10	2	0	0	0
Sat 7 May 2022	227	45.8	37.3	8.2	0	8	20	49	72	47	21	4	5	1	0	0
Sun 8 May 2022	214	46.2	37.9	8.0	0	4	18	51	67	39	21	6	8	0	0	0
Mon 9 May 2022	221	44.6	37.2	7.2	0	2	20	56	77	45	15	3	1	1	1	0
Tue 10 May 2022	209	46.4	36.7	9.3	2	10	17	53	55	45	16	5	3	3	0	0
Wed 11 May 2022	189	50.3	41.9	8.1	0	3	4	20	48	56	37	13	2	6	0	0
5 Day Ave.	212	47.1	38.8	8.0	0	4	17	39	61	52	23	9	3	2	0	0
7 Day Ave.	214	46.8	38.4	8.0	0	4	18	42	64	50	23	8	4	2	0	0

360 TSL Ltd



# North Wales ATC 16, B5381 Roman Road

Direction: Westbound

05/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	0	0	0	0	0
01:00	2	1	1	0	0
02:00	1	1	0	0	0
03:00	0	0	0	0	0
04:00	1	1	0	0	0
05:00	4	3	0	0	1
06:00	6	4	2	0	0
07:00	22	11	9	0	2
08:00	69	44	24	0	1
09:00	56	38	11	3	4
10:00	49	35	13	1	0
11:00	51	39	12	0	0
12:00	45	29	14	1	1
13:00	52	39	13	0	0
14:00	48	34	14	0	0
15:00	80	69	11	0	0
16:00	103	76	25	1	1
17:00	111	95	16	0	0
18:00	56	45	9	0	2
19:00	39	31	8	0	0
20:00	26	22	4	0	0
21:00	18	15	3	0	0
22:00	11	9	2	0	0
23:00	6	6	0	0	0
Total					
12H(7-19)	742	554	171	6	11
16H(6-22)	831	626	188	6	11
18H(6-24)	848	641	190	6	11
24H(0-24)	856	647	191	6	12
AM Peak	08:00	08:00	08:00	09:00	09:00
	69	44	24	3	4
PM Peak	17:00	17:00	16:00	12:00	18:00
	111	95	25	1	2

360 TSL Ltd

Direction: Eastbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	1	0	1	0	0
01:00	1	1	0	0	0
02:00	2	2	0	0	0
03:00	0	0	0	0	0
04:00	4	4	0	0	0
05:00	11	9	2	0	0
06:00	26	17	9	0	0
07:00	74	60	12	2	0
08:00	77	72	5	0	0
09:00	70	58	11	1	0
10:00	62	47	13	1	1
11:00	59	50	8	0	1
12:00	48	40	7	0	1
13:00	60	46	12	1	1
14:00	39	31	7	0	1
15:00	53	41	10	1	1
16:00	78	68	9	0	1
17:00	61	56	4	0	1
18:00	39	35	3	1	0
19:00	33	28	5	0	0
20:00	14	14	0	0	0
21:00	9	9	0	0	0
22:00	5	4	1	0	0
23:00	2	2	0	0	0
Total					
12H(7-19)	720	604	101	7	8
16H(6-22)	802	672	115	7	8
18H(6-24)	809	678	116	7	8
24H(0-24)	828	694	119	7	8
AM Peak	08:00	08:00	10:00	07:00	10:00
	77	72	13	2	1
PM Peak	16:00	16:00	13:00	13:00	12:00
	78	68	12	1	1

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	1	0	1	0	0
01:00	3	2	1	0	0
02:00	3	3	0	0	0
03:00	0	0	0	0	0
04:00	5	5	0	0	0
05:00	15	12	2	0	1
06:00	32	21	11	0	0
07:00	96	71	21	2	2
08:00	146	116	29	0	1
09:00	126	96	22	4	4
10:00	111	82	26	2	1
11:00	110	89	20	0	1
12:00	93	69	21	1	2
13:00	112	85	25	1	1
14:00	87	65	21	0	1
15:00	133	110	21	1	1
16:00	181	144	34	1	2
17:00	172	151	20	0	1
18:00	95	80	12	1	2
19:00	72	59	13	0	0
20:00	40	36	4	0	0
21:00	27	24	3	0	0
22:00	16	13	3	0	0
23:00	8	8	0	0	0
Total					
12H(7-19)	1462	1158	272	13	19
16H(6-22)	1633	1298	303	13	19
18H(6-24)	1657	1319	306	13	19
24H(0-24)	1684	1341	310	13	20
AM Peak	08:00	08:00	08:00	09:00	09:00
	146	116	29	4	4
PM Peak	16:00	17:00	16:00	12:00	12:00
	181	151	34	1	2

360 TSL Ltd



# North Wales ATC 16, B5381 Roman Road

Direction: Westbound

06/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	2	1	1	0	0
01:00	0	0	0	0	0
02:00	1	1	0	0	0
03:00	0	0	0	0	0
04:00	0	0	0	0	0
05:00	2	2	0	0	0
06:00	6	4	2	0	0
07:00	26	20	4	1	1
08:00	71	57	12	0	2
09:00	45	33	12	0	0
10:00	39	31	8	0	0
11:00	49	41	7	0	1
12:00	59	50	9	0	0
13:00	59	47	12	0	0
14:00	66	55	11	0	0
15:00	48	39	9	0	0
16:00	100	87	11	0	2
17:00	95	81	14	0	0
18:00	88	77	11	0	0
19:00	40	35	5	0	0
20:00	18	18	0	0	0
21:00	17	16	1	0	0
22:00	12	11	1	0	0
23:00	5	4	1	0	0
Total					
12H(7-19)	745	618	120	1	6
16H(6-22)	826	691	128	1	6
18H(6-24)	843	706	130	1	6
24H(0-24)	848	710	131	1	6
AM Peak	08:00	08:00	08:00	07:00	08:00
	71	57	12	1	2
PM Peak	16:00	16:00	17:00	12:00	16:00
	100	87	14	0	2

360 TSL Ltd

Direction: Eastbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	0	0	0	0	0
01:00	0	0	0	0	0
02:00	1	1	0	0	0
03:00	1	1	0	0	0
04:00	3	2	0	0	1
05:00	10	10	0	0	0
06:00	25	16	9	0	0
07:00	70	59	11	0	0
08:00	89	83	6	0	0
09:00	55	52	3	0	0
10:00	53	46	5	2	0
11:00	53	49	1	1	2
12:00	68	57	10	1	0
13:00	61	59	2	0	0
14:00	48	43	4	0	1
15:00	59	54	5	0	0
16:00	61	56	5	0	0
17:00	43	36	7	0	0
18:00	35	33	2	0	0
19:00	25	22	3	0	0
20:00	9	9	0	0	0
21:00	3	3	0	0	0
22:00	4	4	0	0	0
23:00	2	1	1	0	0
Total					
12H(7-19)	695	627	61	4	3
16H(6-22)	757	677	73	4	3
18H(6-24)	763	682	74	4	3
24H(0-24)	778	696	74	4	4
AM Peak	08:00	08:00	07:00	10:00	11:00
	89	83	11	2	2
PM Peak	12:00	13:00	12:00	12:00	14:00
	68	59	10	1	1

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	2	1	1	0	0
01:00	0	0	0	0	0
02:00	2	2	0	0	0
03:00	1	1	0	0	0
04:00	3	2	0	0	1
05:00	12	12	0	0	0
06:00	31	20	11	0	0
07:00	96	79	15	1	1
08:00	160	140	18	0	2
09:00	100	85	15	0	0
10:00	92	77	13	2	0
11:00	102	90	8	1	3
12:00	127	107	19	1	0
13:00	120	106	14	0	0
14:00	114	98	15	0	1
15:00	107	93	14	0	0
16:00	161	143	16	0	2
17:00	138	117	21	0	0
18:00	123	110	13	0	0
19:00	65	57	8	0	0
20:00	27	27	0	0	0
21:00	20	19	1	0	0
22:00	16	15	1	0	0
23:00	7	5	2	0	0
Total					
12H(7-19)	1440	1245	181	5	9
16H(6-22)	1583	1368	201	5	9
18H(6-24)	1606	1388	204	5	9
24H(0-24)	1626	1406	205	5	10
AM Peak	08:00	08:00	08:00	10:00	11:00
	160	140	18	2	3
PM Peak	16:00	16:00	17:00	12:00	16:00
	161	143	21	1	2

360 TSL Ltd



# North Wales ATC 16, B5381 Roman Road

Direction: Westbound

07/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	7	6	1	0	0
01:00	1	1	0	0	0
02:00	2	1	1	0	0
03:00	0	0	0	0	0
04:00	1	1	0	0	0
05:00	1	1	0	0	0
06:00	5	3	2	0	0
07:00	7	6	0	0	1
08:00	28	23	5	0	0
09:00	46	40	6	0	0
10:00	63	54	9	0	0
11:00	82	71	11	0	0
12:00	81	76	5	0	0
13:00	73	64	9	0	0
14:00	67	62	5	0	0
15:00	59	55	4	0	0
16:00	68	61	7	0	0
17:00	36	31	5	0	0
18:00	34	31	3	0	0
19:00	21	17	3	0	1
20:00	12	12	0	0	0
21:00	11	11	0	0	0
22:00	10	10	0	0	0
23:00	6	6	0	0	0
Total					
12H(7-19)	644	574	69	0	1
16H(6-22)	693	617	74	0	2
18H(6-24)	709	633	74	0	2
24H(0-24)	721	643	76	0	2
AM Peak	11:00	11:00	11:00	00:00	07:00
	82	71	11	0	1
PM Peak	12:00	12:00	13:00	12:00	19:00
	81	76	9	0	1

360 TSL Ltd

Direction: Eastbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	1	1	0	0	0
01:00	2	2	0	0	0
02:00	0	0	0	0	0
03:00	0	0	0	0	0
04:00	2	2	0	0	0
05:00	3	2	1	0	0
06:00	8	6	2	0	0
07:00	19	15	4	0	0
08:00	33	28	5	0	0
09:00	45	40	5	0	0
10:00	51	48	3	0	0
11:00	56	50	6	0	0
12:00	42	40	2	0	0
13:00	49	38	11	0	0
14:00	48	44	4	0	0
15:00	53	52	1	0	0
16:00	47	45	2	0	0
17:00	41	37	4	0	0
18:00	45	41	4	0	0
19:00	25	20	5	0	0
20:00	13	11	2	0	0
21:00	6	5	1	0	0
22:00	7	7	0	0	0
23:00	0	0	0	0	0
Total					
12H(7-19)	529	478	51	0	0
16H(6-22)	581	520	61	0	0
18H(6-24)	588	527	61	0	0
24H(0-24)	596	534	62	0	0
AM Peak	11:00	11:00	11:00	00:00	00:00
	56	50	6	0	0
PM Peak	15:00	15:00	13:00	12:00	12:00
	53	52	11	0	0

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	8	7	1	0	0
01:00	3	3	0	0	0
02:00	2	1	1	0	0
03:00	0	0	0	0	0
04:00	3	3	0	0	0
05:00	4	3	1	0	0
06:00	13	9	4	0	0
07:00	26	21	4	0	1
08:00	61	51	10	0	0
09:00	91	80	11	0	0
10:00	114	102	12	0	0
11:00	138	121	17	0	0
12:00	123	116	7	0	0
13:00	122	102	20	0	0
14:00	115	106	9	0	0
15:00	112	107	5	0	0
16:00	115	106	9	0	0
17:00	77	68	9	0	0
18:00	79	72	7	0	0
19:00	46	37	8	0	1
20:00	25	23	2	0	0
21:00	17	16	1	0	0
22:00	17	17	0	0	0
23:00	6	6	0	0	0
Total					
12H(7-19)	1173	1052	120	0	1
16H(6-22)	1274	1137	135	0	2
18H(6-24)	1297	1160	135	0	2
24H(0-24)	1317	1177	138	0	2
AM Peak	11:00	11:00	11:00	00:00	07:00
	138	121	17	0	1
PM Peak	12:00	12:00	13:00	12:00	19:00
	123	116	20	0	1

360 TSL Ltd



# North Wales ATC 16, B5381 Roman Road

Direction: Westbound

08/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	2	2	0	0	0
01:00	2	2	0	0	0
02:00	0	0	0	0	0
03:00	0	0	0	0	0
04:00	1	1	0	0	0
05:00	0	0	0	0	0
06:00	4	2	2	0	0
07:00	11	8	3	0	0
08:00	10	8	2	0	0
09:00	29	27	2	0	0
10:00	48	45	2	1	0
11:00	54	51	3	0	0
12:00	56	53	3	0	0
13:00	44	44	0	0	0
14:00	48	46	2	0	0
15:00	47	43	4	0	0
16:00	49	46	3	0	0
17:00	35	33	2	0	0
18:00	18	16	2	0	0
19:00	28	27	1	0	0
20:00	20	20	0	0	0
21:00	7	6	1	0	0
22:00	1	1	0	0	0
23:00	3	3	0	0	0
Total					
12H(7-19)	449	420	28	1	0
16H(6-22)	508	475	32	1	0
18H(6-24)	512	479	32	1	0
24H(0-24)	517	484	32	1	0
AM Peak	11:00	11:00	07:00	10:00	00:00
	54	51	3	1	0
PM Peak	12:00	12:00	15:00	12:00	12:00
	56	53	4	0	0

360 TSL Ltd

Direction: Eastbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	2	2	0	0	0
01:00	0	0	0	0	0
02:00	2	2	0	0	0
03:00	0	0	0	0	0
04:00	3	3	0	0	0
05:00	5	4	1	0	0
06:00	5	5	0	0	0
07:00	18	17	1	0	0
08:00	17	12	5	0	0
09:00	43	41	2	0	0
10:00	59	54	5	0	0
11:00	61	57	4	0	0
12:00	63	56	6	0	1
13:00	56	55	1	0	0
14:00	54	50	3	1	0
15:00	65	62	3	0	0
16:00	57	53	4	0	0
17:00	49	47	1	1	0
18:00	46	45	1	0	0
19:00	19	18	0	1	0
20:00	15	14	1	0	0
21:00	12	11	1	0	0
22:00	2	2	0	0	0
23:00	0	0	0	0	0
Total					
12H(7-19)	588	549	36	2	1
16H(6-22)	639	597	38	3	1
18H(6-24)	641	599	38	3	1
24H(0-24)	653	610	39	3	1
AM Peak	11:00	11:00	08:00	00:00	00:00
	61	57	5	0	0
PM Peak	15:00	15:00	12:00	14:00	12:00
	65	62	6	1	1

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	4	4	0	0	0
01:00	2	2	0	0	0
02:00	2	2	0	0	0
03:00	0	0	0	0	0
04:00	4	4	0	0	0
05:00	5	4	1	0	0
06:00	9	7	2	0	0
07:00	29	25	4	0	0
08:00	27	20	7	0	0
09:00	72	68	4	0	0
10:00	107	99	7	1	0
11:00	115	108	7	0	0
12:00	119	109	9	0	1
13:00	100	99	1	0	0
14:00	102	96	5	1	0
15:00	112	105	7	0	0
16:00	106	99	7	0	0
17:00	84	80	3	1	0
18:00	64	61	3	0	0
19:00	47	45	1	1	0
20:00	35	34	1	0	0
21:00	19	17	2	0	0
22:00	3	3	0	0	0
23:00	3	3	0	0	0
Total					
12H(7-19)	1037	969	64	3	1
16H(6-22)	1147	1072	70	4	1
18H(6-24)	1153	1078	70	4	1
24H(0-24)	1170	1094	71	4	1
AM Peak	11:00	11:00	08:00	10:00	00:00
	115	108	7	1	0
PM Peak	12:00	12:00	12:00	14:00	12:00
	119	109	9	1	1

360 TSL Ltd



# North Wales ATC 16, B5381 Roman Road

Direction: Westbound

09/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	2	2	0	0	0
01:00	2	2	0	0	0
02:00	1	1	0	0	0
03:00	1	0	1	0	0
04:00	2	2	0	0	0
05:00	2	2	0	0	0
06:00	10	9	0	0	1
07:00	24	17	6	0	1
08:00	63	50	13	0	0
09:00	45	35	8	2	0
10:00	36	31	5	0	0
11:00	56	51	5	0	0
12:00	42	37	3	1	1
13:00	30	30	0	0	0
14:00	64	59	4	0	1
15:00	64	57	6	0	1
16:00	83	78	4	1	0
17:00	106	97	9	0	0
18:00	58	54	4	0	0
19:00	35	32	2	1	0
20:00	15	15	0	0	0
21:00	14	14	0	0	0
22:00	7	7	0	0	0
23:00	5	5	0	0	0
Total					
12H(7-19)	671	596	67	4	4
16H(6-22)	745	666	69	5	5
18H(6-24)	757	678	69	5	5
24H(0-24)	767	687	70	5	5
AM Peak	08:00 63	11:00 51	08:00 13	09:00 2	06:00 1
PM Peak	17:00 106	17:00 97	17:00 9	12:00 1	12:00 1

360 TSL Ltd

Direction: Eastbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	1	1	0	0	0
01:00	2	2	0	0	0
02:00	0	0	0	0	0
03:00	0	0	0	0	0
04:00	1	1	0	0	0
05:00	8	7	1	0	0
06:00	30	18	12	0	0
07:00	86	68	17	1	0
08:00	99	88	10	0	1
09:00	68	60	8	0	0
10:00	44	33	7	3	1
11:00	49	45	4	0	0
12:00	43	34	8	0	1
13:00	58	50	8	0	0
14:00	51	47	3	0	1
15:00	42	38	3	1	0
16:00	56	48	8	0	0
17:00	58	53	5	0	0
18:00	46	43	3	0	0
19:00	18	18	0	0	0
20:00	9	9	0	0	0
21:00	12	12	0	0	0
22:00	6	6	0	0	0
23:00	1	1	0	0	0
Total					
12H(7-19)	700	607	84	5	4
16H(6-22)	769	664	96	5	4
18H(6-24)	776	671	96	5	4
24H(0-24)	788	682	97	5	4
AM Peak	08:00 99	08:00 88	07:00 17	10:00 3	08:00 1
PM Peak	13:00 58	17:00 53	12:00 8	15:00 1	12:00 1

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	3	3	0	0	0
01:00	4	4	0	0	0
02:00	1	1	0	0	0
03:00	1	0	1	0	0
04:00	3	3	0	0	0
05:00	10	9	1	0	0
06:00	40	27	12	0	1
07:00	110	85	23	1	1
08:00	162	138	23	0	1
09:00	113	95	16	2	0
10:00	80	64	12	3	1
11:00	105	96	9	0	0
12:00	85	71	11	1	2
13:00	88	80	8	0	0
14:00	115	106	7	0	2
15:00	106	95	9	1	1
16:00	139	126	12	1	0
17:00	164	150	14	0	0
18:00	104	97	7	0	0
19:00	53	50	2	1	0
20:00	24	24	0	0	0
21:00	26	26	0	0	0
22:00	13	13	0	0	0
23:00	6	6	0	0	0
Total					
12H(7-19)	1371	1203	151	9	8
16H(6-22)	1514	1330	165	10	9
18H(6-24)	1533	1349	165	10	9
24H(0-24)	1555	1369	167	10	9
AM Peak	08:00 162	08:00 138	07:00 23	10:00 3	06:00 1
PM Peak	17:00 164	17:00 150	17:00 14	12:00 1	12:00 2

360 TSL Ltd



# North Wales ATC 16, B5381 Roman Road

Direction: Westbound

10/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	1	1	0	0	0
01:00	1	1	0	0	0
02:00	0	0	0	0	0
03:00	1	1	0	0	0
04:00	0	0	0	0	0
05:00	1	1	0	0	0
06:00	7	6	1	0	0
07:00	31	24	6	0	1
08:00	61	52	9	0	0
09:00	49	40	8	1	0
10:00	38	35	3	0	0
11:00	40	35	5	0	0
12:00	45	39	5	1	0
13:00	43	39	3	1	0
14:00	43	38	5	0	0
15:00	53	46	6	0	1
16:00	73	65	8	0	0
17:00	106	97	9	0	0
18:00	54	51	3	0	0
19:00	33	31	2	0	0
20:00	16	12	4	0	0
21:00	18	18	0	0	0
22:00	10	9	1	0	0
23:00	3	3	0	0	0
Total					
12H(7-19)	636	561	70	3	2
16H(6-22)	710	628	77	3	2
18H(6-24)	723	640	78	3	2
24H(0-24)	727	644	78	3	2
AM Peak	08:00	08:00	08:00	09:00	07:00
	61	52	9	1	1
PM Peak	17:00	17:00	17:00	12:00	15:00
	106	97	9	1	1

360 TSL Ltd

Direction: Eastbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	3	3	0	0	0
01:00	2	1	1	0	0
02:00	0	0	0	0	0
03:00	0	0	0	0	0
04:00	2	2	0	0	0
05:00	11	10	1	0	0
06:00	23	11	12	0	0
07:00	76	51	22	1	2
08:00	101	81	20	0	0
09:00	58	55	3	0	0
10:00	49	42	7	0	0
11:00	40	35	4	1	0
12:00	46	38	8	0	0
13:00	54	44	10	0	0
14:00	51	48	2	1	0
15:00	62	53	8	0	1
16:00	61	51	10	0	0
17:00	64	55	9	0	0
18:00	34	31	3	0	0
19:00	18	16	2	0	0
20:00	10	9	1	0	0
21:00	11	11	0	0	0
22:00	4	4	0	0	0
23:00	3	2	1	0	0
Total					
12H(7-19)	696	584	106	3	3
16H(6-22)	758	631	121	3	3
18H(6-24)	765	637	122	3	3
24H(0-24)	783	653	124	3	3
AM Peak	08:00	08:00	07:00	07:00	07:00
	101	81	22	1	2
PM Peak	17:00	17:00	13:00	14:00	15:00
	64	55	10	1	1

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	4	4	0	0	0
01:00	3	2	1	0	0
02:00	0	0	0	0	0
03:00	1	1	0	0	0
04:00	2	2	0	0	0
05:00	12	11	1	0	0
06:00	30	17	13	0	0
07:00	107	75	28	1	3
08:00	162	133	29	0	0
09:00	107	95	11	1	0
10:00	87	77	10	0	0
11:00	80	70	9	1	0
12:00	91	77	13	1	0
13:00	97	83	13	1	0
14:00	94	86	7	1	0
15:00	115	99	14	0	2
16:00	134	116	18	0	0
17:00	170	152	18	0	0
18:00	88	82	6	0	0
19:00	51	47	4	0	0
20:00	26	21	5	0	0
21:00	29	29	0	0	0
22:00	14	13	1	0	0
23:00	6	5	1	0	0
Total					
12H(7-19)	1332	1145	176	6	5
16H(6-22)	1468	1259	198	6	5
18H(6-24)	1488	1277	200	6	5
24H(0-24)	1510	1297	202	6	5
AM Peak	08:00	08:00	08:00	07:00	07:00
	162	133	29	1	3
PM Peak	17:00	17:00	16:00	12:00	15:00
	170	152	18	1	2

360 TSL Ltd



# North Wales ATC 16, B5381 Roman Road

Direction: Westbound

11/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	3	3	0	0	0
01:00	2	2	0	0	0
02:00	0	0	0	0	0
03:00	1	1	0	0	0
04:00	0	0	0	0	0
05:00	0	0	0	0	0
06:00	9	8	1	0	0
07:00	23	18	3	0	2
08:00	62	54	8	0	0
09:00	54	44	10	0	0
10:00	34	28	6	0	0
11:00	60	45	15	0	0
12:00	45	28	17	0	0
13:00	41	34	6	0	1
14:00	40	29	10	0	1
15:00	55	41	13	0	1
16:00	85	63	20	1	1
17:00	116	82	32	0	2
18:00	51	39	12	0	0
19:00	21	18	3	0	0
20:00	23	20	3	0	0
21:00	18	14	4	0	0
22:00	19	18	1	0	0
23:00	2	2	0	0	0
Total					
12H(7-19)	666	505	152	1	8
16H(6-22)	737	565	163	1	8
18H(6-24)	758	585	164	1	8
24H(0-24)	764	591	164	1	8
AM Peak	08:00	08:00	11:00	00:00	07:00
	62	54	15	0	2
PM Peak	17:00	17:00	17:00	16:00	17:00
	116	82	32	1	2

360 TSL Ltd

Direction: Eastbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	1	1	0	0	0
01:00	0	0	0	0	0
02:00	1	1	0	0	0
03:00	0	0	0	0	0
04:00	1	1	0	0	0
05:00	7	7	0	0	0
06:00	26	10	15	1	0
07:00	76	48	27	1	0
08:00	90	82	7	1	0
09:00	44	34	9	1	0
10:00	58	48	10	0	0
11:00	63	54	8	0	1
12:00	42	30	11	1	0
13:00	59	55	3	0	1
14:00	46	37	9	0	0
15:00	48	34	11	0	3
16:00	63	52	10	0	1
17:00	50	44	6	0	0
18:00	33	31	2	0	0
19:00	24	23	1	0	0
20:00	8	8	0	0	0
21:00	6	6	0	0	0
22:00	3	2	1	0	0
23:00	2	2	0	0	0
Total					
12H(7-19)	672	549	113	4	6
16H(6-22)	736	596	129	5	6
18H(6-24)	741	600	130	5	6
24H(0-24)	751	610	130	5	6
AM Peak	08:00	08:00	07:00	06:00	11:00
	90	82	27	1	1
PM Peak	16:00	13:00	12:00	12:00	15:00
	63	55	11	1	3

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	4	4	0	0	0
01:00	2	2	0	0	0
02:00	1	1	0	0	0
03:00	1	1	0	0	0
04:00	1	1	0	0	0
05:00	7	7	0	0	0
06:00	35	18	16	1	0
07:00	99	66	30	1	2
08:00	152	136	15	1	0
09:00	98	78	19	1	0
10:00	92	76	16	0	0
11:00	123	99	23	0	1
12:00	87	58	28	1	0
13:00	100	89	9	0	2
14:00	86	66	19	0	1
15:00	103	75	24	0	4
16:00	148	115	30	1	2
17:00	166	126	38	0	2
18:00	84	70	14	0	0
19:00	45	41	4	0	0
20:00	31	28	3	0	0
21:00	24	20	4	0	0
22:00	22	20	2	0	0
23:00	4	4	0	0	0
Total					
12H(7-19)	1338	1054	265	5	14
16H(6-22)	1473	1161	292	6	14
18H(6-24)	1499	1185	294	6	14
24H(0-24)	1515	1201	294	6	14
AM Peak	08:00	08:00	07:00	06:00	07:00
	152	136	30	1	2
PM Peak	17:00	17:00	17:00	12:00	15:00
	166	126	38	1	4

360 TSL Ltd



North Wales ATC 16, B5381 Roman Road

Direction: Westbound

05/05/2022																
Hour Beginning	Total Volume	ESD Percentile	Mean Average	Standard Deviation	Bin 1 10-20m	Bin 2 20-30	Bin 3 30-35	Bin 4 35-40	Bin 5 40-45	Bin 6 45-50	Bin 7 50-55	Bin 8 55-60	Bin 9 60-65	Bin 10 65-70	Bin 11 70-80	Bin 12 80-90
00:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
01:00	2	57.2	42.5	14.1	0	0	0	1	0	0	0	1	0	0	0	0
02:00	1	-	42.5	-	0	0	0	0	0	1	0	0	0	0	0	0
03:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
04:00	1	-	37.5	-	0	0	0	0	0	1	0	0	0	0	0	0
05:00	4	54.0	46.3	7.5	0	0	0	0	0	1	0	0	1	0	0	0
06:00	6	55.4	49.2	6.1	0	0	0	0	0	2	1	2	1	0	0	0
07:00	12	52.8	45.0	7.5	0	1	1	1	1	6	6	11	3	1	0	0
08:00	69	54.9	47.0	7.6	0	1	1	1	5	15	23	16	6	1	0	0
09:00	56	50.4	39.3	10.7	0	3	6	8	9	15	9	3	1	0	0	0
10:00	49	54.4	41.8	12.2	1	2	3	4	8	20	6	3	1	1	2	0
11:00	51	47.9	36.3	11.1	2	1	12	2	13	9	11	0	0	1	0	0
12:00	45	46.3	40.3	5.8	0	0	2	3	14	18	5	2	0	0	0	0
13:00	52	50.1	41.4	8.4	0	1	3	2	16	15	10	2	2	1	0	0
14:00	48	46.3	40.6	5.5	0	0	0	0	5	21	14	3	5	0	0	0
15:00	80	50.9	42.0	8.6	0	0	6	8	15	25	15	7	3	0	1	0
16:00	80	50.2	42.8	7.2	0	0	0	2	8	30	25	25	30	0	0	0
17:00	111	51.4	44.1	7.1	0	0	4	7	13	37	30	16	3	1	0	0
18:00	56	53.2	44.9	8.1	0	0	2	2	9	17	14	6	4	2	0	0
19:00	39	51.5	41.5	9.2	0	0	3	6	9	6	2	3	1	0	0	0
20:00	26	50.6	41.7	8.5	0	0	2	5	2	8	3	6	0	0	0	0
21:00	18	50.7	44.7	5.7	0	0	0	1	1	9	4	2	3	0	0	0
22:00	11	50.4	43.0	7.2	0	0	0	3	0	2	5	1	0	0	0	0
23:00	6	48.2	39.2	8.8	0	0	0	3	1	0	1	1	0	0	0	0
Total																
2H(10-12)	100	51.4	39.0	11.9	3	3	14	5	21	29	17	3	1	2	2	0
2H(14-16)	128	49.4	41.5	7.6	0	0	6	13	36	39	18	12	3	0	1	0
12H(7-19)	742	51.4	42.4	8.7	3	8	41	51	154	216	162	71	20	13	3	0
24H(0-24)	856	51.4	42.4	8.7	3	8	46	70	168	250	182	86	26	14	3	0
AM Peak	08:00	01:00	06:00	01:00	11:00	09:00	11:00	09:00	11:00	10:00	08:00	08:00	08:00	09:00	10:00	00:00
	69	57.2	49.2	14.1	2	3	12	8	13	20	23	16	6	2	2	0
PM Peak	17:00	18:00	18:00	19:00	12:00	13:00	15:00	15:00	16:00	17:00	17:00	17:00	18:00	16:00	15:00	12:00
	111	53.2	45.9	9.2	0	1	6	8	35	37	30	16	4	3	1	0

360 TSL Ltd

Direction: Eastbound

Hour Beginning	Total Volume	ESD Percentile	Mean Average	Standard Deviation	Bin 1 10-20m	Bin 2 20-30	Bin 3 30-35	Bin 4 35-40	Bin 5 40-45	Bin 6 45-50	Bin 7 50-55	Bin 8 55-60	Bin 9 60-65	Bin 10 65-70	Bin 11 70-80	Bin 12 80-90
00:00	1	-	57.5	-	0	0	0	0	0	0	0	0	0	0	1	0
01:00	1	-	43.7	-	0	0	0	0	0	1	0	0	0	0	0	0
02:00	2	43.7	40.0	3.5	0	0	0	0	0	1	1	0	0	0	0	0
03:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
04:00	4	47.8	41.3	6.3	0	0	0	0	1	2	1	0	0	0	0	0
05:00	11	50.5	42.7	7.5	0	0	0	1	0	2	3	4	1	0	0	0
06:00	26	55.6	47.5	7.8	0	0	0	1	0	8	13	2	0	1	0	0
07:00	74	51.6	45.3	6.1	0	0	0	0	5	26	24	11	2	1	0	0
08:00	77	50.7	42.9	7.5	0	1	2	8	10	26	18	0	2	0	0	0
09:00	70	47.3	39.6	7.4	0	0	6	13	15	20	10	6	0	0	0	0
10:00	62	41.3	36.3	6.8	0	0	9	18	17	12	5	1	0	0	0	0
11:00	59	42.4	33.9	8.2	0	1	18	13	15	6	4	2	0	0	0	0
12:00	48	45.4	38.3	6.8	0	0	4	10	15	11	4	1	1	0	0	0
13:00	60	46.2	39.6	6.8	0	1	3	5	21	21	7	1	0	0	0	0
14:00	39	47.0	40.4	6.4	0	0	1	5	15	10	5	2	1	0	0	0
15:00	53	47.5	39.3	7.9	0	1	3	6	25	11	7	2	2	0	0	0
16:00	78	48.0	39.8	7.9	0	1	4	16	20	18	11	6	2	0	0	0
17:00	61	46.5	38.9	10.2	0	2	3	15	17	14	5	3	0	0	1	0
18:00	39	50.2	40.1	9.7	0	1	4	6	7	9	7	4	0	1	0	0
19:00	33	47.4	38.0	9.1	0	3	0	7	5	13	4	1	0	0	0	0
20:00	14	52.9	45.7	7.0	0	0	0	0	2	4	1	5	0	0	0	0
21:00	9	48.6	39.4	8.8	0	0	1	2	2	1	2	1	0	0	0	0
22:00	5	57.8	48.5	8.9	0	0	0	0	0	1	1	0	0	2	0	0
23:00	2	52.7	36.3	15.9	0	0	1	0	0	0	0	1	0	0	0	0
Total																
2H(10-12)	121	42.9	35.1	7.5	0	1	27	31	32	18	9	3	0	0	0	0
2H(14-16)	92	47.3	39.8	7.3	0	1	4	13	34	21	12	4	3	0	0	0
12H(7-19)	720	48.2	39.7	8.2	0	8	57	122	176	186	107	49	11	3	0	1
24H(0-24)	828	48.7	40.1	8.3	0	11	60	135	187	219	137	59	14	4	1	1
AM Peak	08:00	06:00	01:00	11:00	00:00	08:00	11:00	10:00	10:00	07:00	07:00	07:00	07:00	06:00	06:00	00:00
	77	55.6	51.6	8.2	0	1	18	18	17	26	24	11	2	1	1	0
PM Peak	16:00	22:00	22:00	23:00	12:00	19:00	13:00	16:00	13:00	19:00	16:00	16:00	15:00	17:00	12:00	17:00
	78	57.8	48.5	15.9	0	3	4	16	21	21	11	6	2	1	0	1

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	ESD Percentile	Mean Average	Standard Deviation	Bin 1 10-20m	Bin 2 20-30	Bin 3 30-35	Bin 4 35-40	Bin 5 40-45	Bin 6 45-50	Bin 7 50-55	Bin 8 55-60	Bin 9 60-65	Bin 10 65-70	Bin 11 70-80	Bin 12 80-90
00:00	1	-	47.5	-	0	0	0	0	1	0	0	1	1	0	0	0
01:00	3	61.2	47.5	13.2	0	0	0	0	0	1	2	1	0	0	0	0
02:00	3	43.8	40.8	2.9	0	0	0	0	0	1	2	0	0	0	0	0
03:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
04:00	5	46.4	40.5	5.7	0	0	0	0	1	1	2	1	0	0	0	0
05:00	15	51.3	43.7	7.4	0	0	1	0	2	4	4	1	1	0	0	0
06:00	32	55.6	43.8	7.5	0	0	0	0	1	10	14	4	1	1	1	0
07:00	96	51.9	45.2	6.4	0	0	1	6	6	32	35	12	2	2	0	0
08:00	146	52.9	44.8	7.8	0	2	3	9	15	41	41	26	8	1	0	0
09:00	126	48.8	39.5	9.0	0	3	12	21	29	34	35	19	9	1	2	0
10:00	111	49.0	38.7	9.9	1	2	11	21	25	32	11	4	1	1	2	0
11:00	100	45.1	35.0	9.7	2	2	30	15	18	15	15	2	0	0	0	0
12:00	93	45.9	39.3	6.4	0	0	6	14	29	31	9	3	1	0	0	0
13:00	112	46.3	40.4	7.6	0	2	6	7	37	36	17	5	1	0	0	0
14:00	87	46.5	40.5	5.9	0	0	1	10	36	24	8	7	1	0	0	0
15:00	133	49.6	40.9	8.4	0	1	9	16	34	36	22	9	5	0	1	0
16:00	181	49.4	41.5	7.6	0	1	6	24	50	49	36	16	2	3	0	0
17:00	172	51.2	42.2	8.7	0	2	7	22	30	51	35	19	3	2	0	1
18:00	95	52.3	42.9	9.1	0	1	6	16	26	21	10	6	2	0	0	0
19:00	72	49.5	39.9	9.3	0	3	3	13	14	22	10	3	3	1	0	0
20:00	40	51.6	43.1	8.2	0	0	2	7	2	12	6	11	0	0	0	0
21:00	27	50.4	43.0	7.2	0	0	1	3	1	10	6	1	1	0	0	0
22:00	16	52.9	44.7	8.0	0	0	0	3	1	3	6	1	2	0	0	0
23:00	8	48.6	38.4	9.6	0	0	1	1	1	0	2	1	0	0	0	0
Total																
2PM-12M	221	47.2	36.9	9.9	3	4	41	36	53	47	26	6	1	2	2	0
2PM-12M	220	48.5	40.8	7.5	0	1	10	26	37	60	30	18	6	1	0	0
2PM-12M	181	49.4	41.5	7.6	0	1	6	24	50	49	36	16	2	3	0	0
2PM-12M	184	50.2	41.3	8.6	3	19	30	35	40	39	145	40	18	4	1	0
AM Peak	08:00	01:00	06:00	11:00	09:00	11:00	08:00	08:00	08:00	08:00	08:00	08:00	08:00	08:00	08:00	00:00
	181	181	181	181	181	181	181	181	181	181	181	181	181	181	181	181
PM Peak	18:00	22:00	22:00	22:00	12:00	19:00	15:00	16:00	16:00	17:00	16:00	17:00	15:00	16:00	15:00	17:00
	181	181	181	181	181	181	181	181	181	181	181	181	181	181	181	181



North Wales ATC 16, B5381 Roman Road

Direction: Westbound

06/05/2022																
Hour Beginning	Total Volume	ESD Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-40	Bin 5 40-50	Bin 6 50-60	Bin 7 60-70	Bin 8 70-80	Bin 9 80-90	Bin 10 90-99	Bin 11 100-119	Bin 12 >119
00:00	2	54.8	47.5	7.1	0	0	0	0	0	1	0	0	0	0	0	0
01:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
02:00	1	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
05:00	2	65.0	65.0	6.0	0	0	0	0	0	0	0	0	0	0	2	0
06:00	6	49.5	44.2	5.2	0	0	0	0	0	1	3	1	1	0	0	0
07:00	26	52.5	45.0	7.2	0	0	0	4	2	4	11	3	2	0	0	0
08:00	71	52.8	43.1	9.3	0	3	3	1	14	17	18	11	4	0	0	0
09:00	45	52.1	43.3	8.5	0	1	0	6	7	11	13	4	2	0	0	0
10:00	39	47.9	38.3	5.3	0	0	4	7	12	8	7	1	2	1	0	0
11:00	49	47.8	38.6	8.9	0	3	2	9	10	16	5	4	0	0	0	0
12:00	59	45.0	37.2	7.5	0	0	8	18	8	12	12	0	0	0	0	0
13:00	59	49.0	40.8	8.0	0	2	1	6	15	22	8	2	3	0	0	0
14:00	66	45.6	38.0	7.3	0	1	8	6	24	19	7	0	1	0	0	0
15:00	48	49.3	42.3	6.7	0	0	1	4	14	13	9	6	1	0	0	0
16:00	100	48.2	42.0	8.0	0	0	0	7	38	29	15	0	4	0	0	0
17:00	95	46.3	39.7	6.4	0	0	6	11	32	28	15	2	1	0	0	0
18:00	88	44.9	38.7	6.0	0	0	7	11	34	24	11	1	0	0	0	0
19:00	40	43.6	38.3	5.1	0	0	0	11	17	9	1	2	0	0	0	0
20:00	18	50.6	38.9	11.3	0	1	0	7	4	2	1	1	1	1	0	0
21:00	17	45.1	38.2	6.7	0	0	3	0	4	10	0	0	0	0	0	0
22:00	12	45.3	35.6	5.3	0	0	3	4	2	0	2	1	0	0	0	0
23:00	5	49.9	39.0	10.5	0	0	1	1	0	2	0	1	0	0	0	0
Total																
88	47.8	38.5	9.0	0	3	8	16	22	24	7	5	2	1	0	0	0
114	47.4	39.8	7.3	0	1	9	10	38	32	16	6	2	0	0	0	0
745	48.4	40.4	7.7	0	10	40	91	210	203	186	41	20	2	0	0	0
488	48.3	40.2	7.8	0	11	40	154	238	230	131	49	21	5	0	0	0
AM Peak																
08:00	05:00	05:00	08:00	05:00	08:00	08:00	10:00	11:00	08:00	08:00	08:00	08:00	08:00	05:00	05:00	05:00
71	65.0	65.0	9.3	0	3	6	9	14	17	18	11	4	2	0	0	0
PM Peak																
16:00	20:00	15:00	20:00	12:00	13:00	12:00	16:00	16:00	16:00	16:00	16:00	16:00	20:00	12:00	12:00	12:00
100	55.6	42.3	11.3	0	2	8	13	38	29	15	7	4	1	0	0	0

360 TSL Ltd

Direction: Eastbound

06/05/2022																	
Hour Beginning	Total Volume	ESD Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-40	Bin 5 40-50	Bin 6 50-60	Bin 7 60-70	Bin 8 70-80	Bin 9 80-90	Bin 10 90-99	Bin 11 100-119	Bin 12 >119	
00:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0	
01:00	0	-	37.5	-	0	0	0	0	0	1	0	0	0	0	0	0	
02:00	1	-	57.5	-	0	0	0	0	0	0	0	0	0	0	1	0	
03:00	3	52.1	44.2	7.6	0	0	0	0	0	1	1	1	0	0	0	0	
04:00	10	57.1	46.0	10.7	0	0	1	0	2	0	4	2	0	1	0	0	
05:00	25	55.2	48.5	6.5	0	0	0	0	1	9	5	4	6	0	0	0	
06:00	70	50.2	43.9	6.1	0	0	0	5	15	19	20	9	2	0	0	0	
07:00	89	45.1	37.7	8.1	0	5	7	10	10	23	35	8	1	0	0	0	
08:00	55	42.8	36.0	6.6	0	1	7	12	21	11	3	0	0	0	0	0	
09:00	53	43.7	35.5	7.9	0	3	3	18	18	7	2	1	1	0	0	0	
10:00	53	42.8	36.2	6.4	0	0	6	19	13	11	3	1	0	0	0	0	
11:00	68	44.6	36.9	7.4	0	0	9	17	23	12	3	2	2	0	0	0	
12:00	61	47.7	39.8	7.6	0	2	1	11	13	21	9	4	0	0	0	0	
13:00	48	44.0	36.0	7.7	0	0	9	15	9	10	2	3	0	0	0	0	
14:00	59	42.4	35.3	7.8	0	2	16	17	9	14	0	1	0	0	0	0	
15:00	61	47.1	38.6	8.1	0	1	5	13	18	12	6	7	0	0	0	0	
16:00	42	42.1	36.6	5.3	0	0	3	12	19	6	3	0	0	0	0	0	
17:00	35	45.2	38.8	6.2	0	0	2	6	14	7	5	1	0	0	0	0	
18:00	25	48.6	40.7	7.6	0	0	2	1	11	4	3	4	0	0	0	0	
19:00	9	40.2	34.4	5.6	0	0	1	5	1	2	0	0	0	0	0	0	
20:00	3	47.7	42.5	5.0	0	0	0	0	1	1	1	0	0	0	0	0	
21:00	2	43.7	32.5	8.9	0	0	0	0	0	1	0	0	0	0	0	0	
22:00	4	41.7	32.5	8.9	0	0	0	0	0	1	0	0	0	0	0	0	
23:00	2	48.7	45.0	3.5	0	0	0	0	0	1	1	0	0	0	0	0	
Total																	
201610-121	106	43.3	35.8	7.1	0	3	9	37	31	18	5	2	1	0	0	0	
201614-140	107	42.6	34.5	7.8	0	2	25	32	18	24	2	4	0	0	0	0	
12047-110	695	45.6	37.6	7.7	0	14	68	155	195	164	64	30	5	0	0	0	
24040-240	778	46.5	38.2	8.0	0	14	74	161	214	183	78	41	12	1	0	0	
AM Peak																	
08:00	05:00	05:00	05:00	05:00	08:00	08:00	08:00	11:00	08:00	08:00	07:00	07:00	06:00	05:00	05:00	05:00	
89	57.1	57.5	10.7	0	5	7	19	23	35	29	9	4	1	0	0	0	
PM Peak																	
12:00	23:00	23:00	22:00	12:00	13:00	13:00	15:00	12:00	12:00	13:00	13:00	16:00	12:00	12:00	12:00	12:00	
68	48.7	45.0	8.9	0	2	16	17	23	21	9	7	2	0	0	0	0	

360 TSL Ltd

Direction: Total Flow

06/05/2022																
Hour Beginning	Total Volume	ESD Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-40	Bin 5 40-50	Bin 6 50-60	Bin 7 60-70	Bin 8 70-80	Bin 9 80-90	Bin 10 90-100	Bin 11 100-110	Bin 12 110-120
00:00	0	54.8	41.5	7.1	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	56.0	45.0	10.6	0	0	0	0	0	0	0	0	0	0	0	0
02:00	1		57.5	7.0	0	0	0	0	0	0	0	0	0	0	1	0
03:00	12	52.1	44.2	7.0	0	0	0	0	1	1	0	0	0	0	0	0
04:00	12	61.8	40.2	12.2	7.0	1	0	2	0	4	2	1	0	0	0	0
05:00	31	54.5	47.7	6.4	0	0	0	0	2	12	6	5	0	0	0	0
06:00	96	50.2	54.2	6.4	0	9	17	37	31	31	31	31	31	31	31	31
07:00	160	49.5	40.1	9.0	0	8	10	15	11	37	52	26	12	4	0	0
08:00	263	50.3	40.3	8.3	2	7	18	38	25	26	26	26	26	26	26	26
09:00	32	45.6	36.7	6.6	3	3	9	25	30	15	4	2	3	1	0	0
10:00	102	46.4	37.3	7.7	3	3	8	28	23	27	8	1	0	0	0	0
11:00	127	44.7	40.1	7.4	0	0	17	36	31	14	4	1	0	0	0	0
12:00	120	40.3	40.3	7.8	0	4	7	17	28	43	17	6	0	0	0	0
13:00	127	44.1	39.1	7.5	0	1	17	21	37	21	11	1	0	0	0	0
14:00	107	46.2	37.4	8.5	0	2	17	21	23	27	9	7	1	0	0	0
15:00	127	46.7	38.7	7.2	0	5	5	30	26	40	24	1	0	0	0	0
16:00	127	45.2	38.8	6.2	0	0	9	23	51	34	18	2	1	0	0	0
17:00	120	45.0	38.7	6.3	0	0	9	17	48	31	14	4	0	0	0	0
18:00	65	47.7	37.2	8.3	0	0	0	13	31	41	6	2	0	0	0	0
19:00	27	47.7	37.4	6.9	0	1	1	12	5	4	1	0	0	0	0	0
20:00	26	46.8	35.9	6.5	0	0	0	0	5	11	1	1	0	0	0	0
21:00	16	44.2	34.8	9.0	0	0	5	4	3	1	2	1	0	0	0	0
22:00	7	50.3	40.7	9.2	0	0	1	1	0	3	1	1	0	0	0	0
Total																
2PM-3:15	194	45.5	37.0	8.1	0	6	17	53	53	42	12	7	3	1	0	0
3PM-4:15	221	45.6	37.3	8.0	0	3	34	42	56	166	18	10	2	0	0	0
4PM-5:15	244	45.6	37.3	8.0	0	24	110	246	462	160	18	10	2	0	0	0
5PM-6:15	326	47.5	39.3	8.0	0	25	123	275	442	183	70	30	33	6	0	0
Ave																
06:00	05:00	03:00	00:00	00:00	08:00	06:00	04:00	02:00	01:00	07:00	05:00	03:00	01:00	00:00	00:00	00:00
18.0	18.8	19.8	17.5	12.2	0	8	10	28	37	52	31	12	6	3	0	0
PM Peak																
06:00	05:00	03:00	00:00	00:00	08:00	06:00	04:00	02:00	01:00	07:00	05:00	03:00	01:00	00:00	00:00	00:00
18.0	18.8	23.00	29.00	20.00	12.00	13.00	12.00	12.00	16.00	36.00	18.00	16.00	16.00	20.00	12.00	12.00
18.0	18.8	23.0	29.0	20.0	12.0	13.0	12.0	12.0	16.0	36.0	18.0	16.0	16.0	20.0	12.0	12.0



Direction: Westbound

360 TSL Ltd

Hour	Total
Beginning	Volume

360 TSL Ltd

## 360 TSL Ltd



North Wales ATC 16, B5381 Roman Road

Direction: Westbound

08/05/2012																
Hour	Total	Falls	Mean	Standard	08-1	08-2	08-3	08-4	08-5	08-6	08-7	08-8	08-9	08-10	08-11	08-12
00:00	2	42.5	42.0	3.1	0	0	0	0	0	2	0	0	0	0	0	0
01:00	4	48.7	45.0	3.1	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
04:00	1	-	32.5	-	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
06:00	0	69.0	53.1	15.3	0	0	0	0	0	2	0	0	0	0	0	0
07:00	11	50.9	43.9	6.7	0	0	0	0	4	3	2	1	1	0	0	0
08:00	40	42.3	40.7	14.0	0	0	0	0	7	10	10	10	10	10	10	10
09:00	29	46.6	39.3	7.0	0	0	3	3	9	8	5	1	0	0	0	0
10:00	40	45.0	39.3	7.0	0	0	0	0	14	3	3	3	3	3	3	3
11:00	14	45.3	38.6	6.5	0	1	1	14	13	18	6	1	0	0	0	0
12:00	47	45.7	38.2	8.1	0	0	0	0	17	17	17	17	17	17	17	17
13:00	44	45.9	37.9	7.7	0	1	4	9	12	11	9	2	0	0	0	0
14:00	48	47.6	39.8	7.5	0	1	0	12	11	15	4	0	0	0	0	0
15:00	47	47.4	38.8	8.1	0	0	0	0	0	0	0	0	0	0	0	0
16:00	49	44.9	39.3	5.4	0	0	1	6	25	10	6	0	0	0	0	0
17:00	47	46.1	41.7	6.1	0	0	0	0	0	0	0	0	0	0	0	0
18:00	18	45.0	40.0	5.8	0	0	1	3	5	7	2	0	0	0	0	0
19:00	4	45.6	40.0	6.5	0	0	0	4	6	4	0	0	0	0	0	0
20:00	20	45.7	40.1	5.1	0	0	0	3	8	4	5	0	0	0	0	0
21:00	1	51.0	42.5	4.1	0	0	0	2	0	0	0	0	0	0	0	0
22:00	1	53.7	52.5	9.8	0	0	0	0	1	0	0	0	0	0	0	0
23:00	1	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
Total																
PERCENT																
PERC12	352	47.1	39.2	7.7	0	1	7	21	23	33	10	5	1	0	0	0
PERC14	95	47.5	39.3	7.8	0	1	5	21	27	28	6	4	0	0	0	0
PERC16	147	47.4	39.5	7.8	0	1	4	18	18	18	18	18	18	18	18	18
PERC24	557	47.9	39.8	7.8	0	4	27	97	145	139	60	30	10	3	2	0
Min Hour	54	08.0	51.3	15.2	00:00	11:00	10:00	11:00	11:00	11:00	11:00	10:00	08:00	08:00	00:00	00:00
Max Hour	24	12.0	52.5	12.0	09:00	12:00	8:00	14:00	13:00	14:00	16:00	12:00	14:00	12:00	12:00	13:00
Min Pk	12	12.0	51.3	15.2	1	1	1	1	1	1	1	1	1	1	1	1

360 TSL Ltd

Direction: Eastbound

New Program	Total Visitors	Roth Parents		Standard Deviation	Month											
		10-11	12-13		1-10	11-12	12-13	1-10	11-12	1-10	11-12	1-10	11-12			
00:00	0	0	0	0.0	0	0	0	0	0	0	0	0	0	0	0	0
00:00	0	475	475	0.0	0	0	0	0	0	0	0	0	0	0	0	0
00:00	0	0	0	0.0	0	0	0	0	0	0	0	0	0	0	0	0
00:00	1	653	653	7.8	0	0	0	0	0	0	0	0	0	0	0	0
00:00	1	633	540	8.9	0	0	0	0	1	0	0	0	0	0	1	0
00:00	5	467	385	8.4	0	0	0	0	0	0	0	0	0	0	0	0
00:00	8	469	402	6.8	0	0	0	0	0	0	0	0	0	0	0	0
00:00	17	534	454	7.7	0	0	0	0	0	0	0	0	0	0	0	0
00:00	3	653	365	7.0	0	0	0	0	2	1	6	4	4	1	3	0
00:00	59	472	381	8.9	1	1	3	14	15	18	1	3	3	1	1	0
11:00	61	493	368	8.2	0	1	9	12	22	9	3	4	1	0	0	0
12:00	12	459	375	8.2	0	0	1	16	29	11	8	0	0	0	0	0
13:00	56	501	392	10.5	0	0	6	15	25	9	7	3	3	1	0	0
14:00	4	461	381	7.9	0	0	0	0	0	0	0	0	0	0	0	0
15:00	65	440	356	8.1	0	3	7	21	17	9	7	0	1	0	0	0
16:00	7	476	366	8.0	0	0	0	0	0	0	0	0	0	0	0	0
17:00	49	441	362	7.6	0	0	6	17	16	6	2	0	1	1	0	0
18:00	46	450	377	7.0	0	0	5	11	14	9	5	2	0	0	0	0
19:00	15	342	342	7.0	0	0	0	0	0	0	0	0	0	0	0	0
20:00	15	389	323	6.3	0	0	0	5	5	3	2	0	0	0	0	0
21:00	2	471	378	8.9	0	0	0	0	0	0	0	0	0	0	0	0
22:00	2	437	400	3.5	0	0	0	0	0	1	1	0	0	0	0	0
23:00	0	0	0	0.0	0	0	0	0	0	0	0	0	0	0	0	0
Total																
2013-12	120	463	374	8.5	1	2	12	26	38	27	4	7	2	1	0	0
2014-10	119	465	377	8.0	0	3	11	30	40	16	13	0	4	0	0	0
2014-11	119	465	377	8.0	0	3	11	30	40	16	13	0	4	0	0	0
2014-12	63	466	377	8.6	2	9	68	157	196	116	63	23	12	7	2	0
Total																
PAH 00:00	11:00	04:00	05:00	04:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00
PAH 00:00	61	65.2	54.0	16.3	1	2	9	14	22	18	5	4	3	1	0	0
PAH 00:00	15:00	11:00	12:00	10:00	13:00	14:00	15:00	16:00	17:00	18:00	19	20	21:00	13:00	13:00	13:00

360 TSL Ltd

Direction: Total Flow

Hour	Period	Total Value	Birth Rate	Males Standard	Period											
					1st Period	2nd Period	3rd Period	4th Period	5th Period	6th Period	7th Period	8th Period	9th Period	10th Period	11th Period	12th Period
0	0	51.2	40.9	5.0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	2	48.7	45.0	3.1	0	0	0	0	0	0	1	1	0	0	0
0	0	47.5	47.5	6.0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	4	58.4	44.4	13.5	0	0	0	2	0	0	0	0	0	0	0
0	0	8	13.3	14.0	8.1	0	0	0	0	0	0	0	0	0	0	0
0	0	9	68.9	44.7	15.7	0	0	1	2	3	1	0	0	0	0	0
0	0	9	84.6	41.6	6.8	0	0	0	0	0	0	0	0	0	0	0
0	0	27	57.0	46.0	10.6	0	0	0	0	0	0	4	7	2	4	1
0	0	28	55.8	37.6	7.5	0	0	0	0	0	0	0	0	0	0	0
0	0	107	48.0	38.9	8.9	1	1	9	21	26	33	5	7	2	2	0
0	0	115	45.4	37.7	7.4	0	2	10	26	30	27	9	0	0	0	0
0	0	130	46.3	37.8	8.1	0	0	1	21	24	26	11	0	0	0	0
0	0	130	46.3	38.6	9.4	0	0	1	10	24	28	11	4	3	1	0
0	0	132	46.8	38.9	7.4	0	0	1	1	11	14	11	0	0	0	0
0	0	112	45.6	36.9	8.3	0	3	12	30	33	17	11	2	0	0	0
0	0	130	46.5	38.9	7.1	0	0	0	0	0	0	0	0	0	0	0
0	0	78	44.1	38.5	7.5	0	0	7	21	22	21	8	3	1	1	0
0	0	64	45.0	38.0	6.7	0	0	6	14	19	14	7	2	0	0	0
0	0	17	47.0	38.1	6.7	0	0	1	11	13	10	3	0	0	0	0
0	0	35	44.0	38.9	6.9	0	0	5	8	11	6	5	0	0	0	0
0	0	39	46.0	39.2	8.9	0	0	0	0	0	0	0	0	0	0	0
0	0	1	52.1	44.2	7.6	0	0	0	0	1	1	0	1	0	0	0
0	0	1	53.7	45.8	7.4	0	0	0	0	0	0	1	1	0	0	0
Total		222	46.7	38.2	8.2	1	3	19	47	61	60	14	12	3	2	0
2016-12		224	46.2	37.9	8.0	0	4	18	51	67	39	21	6	8	0	0
2017-10		221	46.9	38.5	8.1	0	3	19	47	61	60	14	12	3	2	0
2018-24		210	47.2	38.6	8.3	2	13	95	254	341	255	121	53	22	10	4
2019-05		115	0	0	0	10	0	0	0	11	0	0	0	0	0	0
2020-11		05.0	0.0	0.0	04.0	1	2	26	35	35	30	7	4	2	1	0
2021-05		15.0	63.3	54.0	15.5	1	2	20	36	35	30	7	4	2	1	0
2022-12		23.0	23.0	20.0	20.0	12	15	15	12	16	14	12	10	14	13	10

360 TSL Ltd



North Wales ATC 16, B5381 Roman Road

Direction: Westbound

09/05/2022															
Hour Beginning	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-40	Bin 5 40-50	Bin 6 50-60	Bin 7 60-70	Bin 8 70-80	Bin 9 80-90	Bin 10 90-100	Bin 11 100+mph
00:00	2	48.7	45.0	3.5	0	0	0	0	0	1	1	0	0	0	0
01:00	2	44.8	37.5	7.1	0	0	0	1	0	1	0	0	0	0	0
02:00	1	-	37.5	-	0	0	0	0	0	1	0	0	0	0	0
03:00	1	-	52.5	-	0	0	0	0	0	0	0	1	0	0	0
04:00	2	44.8	37.5	7.1	0	0	0	1	0	1	0	0	0	0	0
05:00	2	40.4	31.3	8.8	0	0	1	0	0	1	0	0	0	0	0
06:00	10	54.4	47.5	6.7	0	0	0	0	1	3	3	1	2	0	0
07:00	14	54.4	43.8	10.3	0	0	0	0	5	3	8	1	1	1	0
08:00	63	47.5	39.5	7.7	0	1	3	8	25	14	8	2	1	1	0
09:00	45	46.2	37.8	7.1	0	1	3	8	17	11	6	2	0	0	0
10:00	36	43.6	35.6	7.7	0	2	3	8	16	4	2	1	0	0	0
11:00	56	43.5	36.7	6.6	0	0	8	12	18	14	3	1	0	0	0
12:00	42	47.2	38.0	8.8	0	0	7	7	13	13	8	3	1	0	0
13:00	30	47.5	40.3	7.0	0	0	1	5	9	10	3	0	2	0	0
14:00	64	42.6	36.3	6.9	0	2	2	24	17	16	3	0	0	0	0
15:00	64	45.2	38.5	6.4	0	0	4	11	28	12	6	2	1	0	0
16:00	65	47.8	39.4	8.1	0	0	8	14	23	20	13	4	0	0	0
17:00	106	46.9	39.6	7.1	0	2	6	10	35	34	13	6	0	0	0
18:00	58	47.2	37.3	9.5	0	4	8	3	18	13	10	2	0	0	0
19:00	35	46.9	40.1	6.5	0	0	1	8	7	11	6	2	0	0	0
20:00	15	48.3	41.0	7.1	0	0	1	2	2	6	3	1	0	0	0
21:00	14	48.1	37.0	10.7	0	0	1	3	2	4	3	0	0	0	0
22:00	7	54.2	43.2	10.6	0	0	0	3	0	0	2	1	1	0	0
23:00	5	47.9	39.0	8.6	0	0	1	0	1	2	1	0	0	0	0
Total															
2H(0-12)	92	43.6	36.3	7.0	0	2	11	20	34	18	5	2	0	0	0
2H(14-16)	128	44.1	37.4	6.4	0	2	6	35	45	28	9	3	1	0	0
12H(7-19)	671	46.5	38.5	7.7	0	12	53	115	222	164	72	21	8	2	0
24H(0-24)	707	46.8	38.7	7.8	1	12	58	133	237	193	91	27	11	2	0
AM Peak	08:00	07:00	03:00	07:00	00:00	10:00	11:00	11:00	08:00	08:00	08:00	08:00	06:00	07:00	07:00
	63	54.4	52.5	10.3	0	2	8	12	25	14	8	2	2	1	0
PM Peak	17:00	22:00	22:00	21:00	21:00	18:00	16:00	14:00	17:00	17:00	16:00	17:00	12:00	12:00	16:00
	106	54.2	48.2	10.7	1	4	8	24	35	34	13	6	3	0	1

360 TSL Ltd

Direction: Eastbound

Hour	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-40	Bin 5 40-50	Bin 6 50-60	Bin 7 60-70	Bin 8 70-80	Bin 9 80-90	Bin 10 90-100	Bin 11 100+mph	Bin 12
00:00	1	-	37.5	-	0	0	0	0	1	0	0	0	0	0	0	0
01:00	2	57.2	42.5	14.1	0	0	0	0	1	0	0	0	1	0	0	0
02:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
04:00	1	-	25.0	-	0	0	1	0	0	0	0	0	0	0	0	0
05:00	8	50.3	41.3	8.8	0	0	0	2	1	6	5	9	6	1	0	0
06:00	30	52.3	44.0	8.0	0	0	2	1	6	5	19	19	15	13	2	0
07:00	86	56.2	45.3	10.6	0	2	7	5	4	19	19	15	13	2	0	0
08:00	99	49.5	39.9	9.2	0	1	15	14	10	30	14	14	1	0	0	0
09:00	68	46.5	37.9	8.3	0	1	7	18	18	10	9	3	2	0	0	0
10:00	44	43.2	36.6	12.1	1	8	12	8	5	5	3	1	0	0	0	0
11:00	49	39.7	32.1	7.3	0	2	13	20	8	4	1	1	0	0	0	0
12:00	43	46.3	37.0	9.0	0	0	9	11	6	11	2	2	2	0	0	0
13:00	58	48.7	36.7	9.6	0	1	9	7	15	15	5	4	0	2	0	0
14:00	51	44.5	37.1	7.2	0	0	6	12	18	11	3	0	0	1	0	0
15:00	42	46.3	36.7	9.3	0	0	8	9	24	6	3	1	0	0	0	0
16:00	56	46.9	38.4	8.2	0	0	6	12	21	5	7	2	3	0	0	0
17:00	56	43.9	36.4	7.2	0	0	9	14	20	12	9	4	1	0	0	0
18:00	46	42.7	34.5	8.0	0	2	8	14	12	6	3	1	0	0	0	0
19:00	18	41.2	33.3	7.6	0	1	3	7	4	2	1	0	0	0	0	0
20:00	9	46.0	40.8	5.0	0	0	0	1	3	3	0	0	0	0	0	0
21:00	12	43.0	32.7	9.9	0	1	4	2	1	3	1	0	0	0	0	0
22:00	6	56.8	34.2	2.6	0	0	0	4	2	0	0	0	0	0	0	0
23:00	1	-	32.5	-	0	0	0	1	0	0	0	0	0	0	0	0
Total																
2H(0-12)	93	41.6	31.4	9.9	1	10	25	28	13	9	4	2	0	1	0	0
2H(14-16)	93	45.3	36.9	8.1	0	0	14	21	32	17	6	1	0	1	0	0
12H(7-19)	700	47.8	37.8	9.7	1	17	109	144	131	131	73	45	22	6	1	0
24H(0-24)	788	47.8	37.9	9.6	1	19	119	163	171	144	88	52	24	6	1	0
AM Peak	08:00	01:00	07:00	01:00	10:00	10:00	08:00	11:00	09:00	08:00	07:00	07:00	07:00	07:00	00:00	00:00
	99	57.2	42.5	14.1	1	8	15	20	18	30	19	15	13	2	0	0
PM Peak	17:00	13:00	20:00	21:00	12:00	18:00	13:00	17:00	16:00	13:00	16:00	13:00	15:00	13:00	15:00	12:00
	58	48.7	40.8	9.9	0	2	9	16	21	15	7	4	3	2	1	0

360 TSL Ltd

Direction: Total Flow

Hour	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-40	Bin 5 40-50	Bin 6 50-60	Bin 7 60-70	Bin 8 70-80	Bin 9 80-90	Bin 10 90-100	Bin 11 100+mph	
00:00	3	47.7	42.5	5.0	0	0	0	0	1	1	1	0	0	0	0	
01:00	4	49.9	40.0	9.6	0	0	0	2	0	1	0	1	0	0	0	
02:00	1	-	37.5	-	0	0	0	0	0	0	0	0	0	0	0	
03:00	1	-	52.5	-	0	0	0	0	0	0	0	1	0	0	0	
04:00	3	42.4	33.3	8.8	0	0	1	1	1	0	0	0	0	0	0	
05:00	10	48.9	39.3	9.3	0	0	1	2	4	0	2	0	1	0	0	
06:00	40	52.9	44.9	7.7	0	0	2	1	7	8	12	7	3	0	0	
07:00	110	55.8	44.9	10.5	0	2	7	10	7	27	24	15	14	3	1	
08:00	162	48.7	39.8	8.6	0	2	18	22	35	44	22	16	2	1	0	
09:00	133	46.0	37.9	7.8	0	2	10	20	26	12	5	2	0	0	0	
10:00	80	43.9	32.9	10.6	1	10	15	16	21	9	5	2	0	1	0	
11:00	105	42.1	34.6	7.9	0	2	21	32	26	18	4	2	0	0	0	
12:00	85	46.7	37.5	8.9	0	1	10	12	24	25	8	4	2	2	0	
13:00	58	48.4	39.2	8.8	0	1	8	12	24	20	8	4	2	0	0	
14:00	115	45.5	34.6	6.7	0	2	8	36	35	27	6	0	0	1	0	
15:00	106	45.8	37.8	7.7	0	0	12	20	42	18	9	3	1	0	1	
16:00	139	47.4	39.0	8.1	0	0	14	24	26	44	25	20	6	3	0	
17:00	164	46.0	38.5	7.2	0	2	15	24	54	43	17	7	1	0	0	
18:00	104	46.3	36.1	8.9	0	6	16	17	30	19	13	5	0	0	0	
19:00	53	45.7	37.8	7.6	0	1	4	10	11	13	7	2	0	0	0	
20:00	24	47.4	40.9	6.2	0	0	1	3	5	9	5	1	0	0	0	
21:00	26	45.8	35.0	10.4	1	1	5	5	8	7	4	0	0	0	0	
22:00	13	48.4	39.0	9.0	0	0	0	7	2	0	2	1	1	0	0	
23:00	6	46.3	37.9	8.1	0	0	0	1	1	2	1	0	0	0	0	
Total																
2H(0-12)	185	43.0	33.8	8.9	1	12	36	48	47	27	9	4	0	1	0	
2H(14-16)	221	44.6	37.2	7.2	0	2	20	56	77	45	15	3	1	1	0	
12H(7-19)	1371	47.2	38.1	8.8	1	29	162	259	373	295	145	86	30	8	3	
24H(0-24)	1555	47.4	38.3	8.8	2	31	177	296	408	337	179	79	35	8	3	
08:00	67.00	61.00	50.00	10.00	10.00	10.00	11.00	11.00	28.00	08.00	07.00	07.00	07.00	07.00	07.00	
16:00	58.2	55.8	52.5	10.8	5	10	21	32	35	44	24	16	14	3	1	
PM Peak	17.00	13.00	20.00	21.00	21.00	21.00	18.00	12.00	14.00	17.00	17.00	16.00	12.00	13.00	15.00	12.00



North Wales ATC 16, B5381 Roman Road

Direction: Westbound

10/05/2022															
Hour Beginning	Total Volume	ESD Percentile	Mean Average	Standard Deviation	Bin 1 10-20	Bin 2 20-30	Bin 3 30-40	Bin 4 40-50	Bin 5 50-60	Bin 6 60-70	Bin 7 70-80	Bin 8 80-90	Bin 9 90-100	Bin 10 100-110	
00:00	1	-	25.0	0	0	0	1	0	0	0	0	0	0	0	
01:00	1	-	42.5	-	0	0	0	0	1	0	0	0	0	0	
02:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	
03:00	1	-	42.5	-	0	0	0	0	1	0	0	0	0	0	
04:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	
05:00	1	-	32.5	-	0	0	0	1	0	0	0	0	0	1	
06:00	7	45.5	42.5	2.9	0	0	0	0	1	5	1	0	0	0	
07:00	31	50.5	40.8	8.4	0	1	1	1	12	10	4	1	0	1	
08:00	61	49.3	42.0	7.0	0	1	0	7	12	24	10	5	2	0	
09:00	49	46.3	39.1	9.6	0	0	3	8	19	11	3	2	2	0	
10:00	38	44.8	36.9	7.6	0	1	2	14	10	5	4	2	0	0	
11:00	40	44.0	38.0	5.8	0	0	0	15	12	9	3	1	0	0	
12:00	45	44.7	37.3	7.1	0	0	5	13	11	10	4	2	0	0	
13:00	43	43.1	37.6	5.3	0	0	2	11	16	11	3	0	0	0	
14:00	43	42.2	36.2	5.9	0	1	2	12	20	7	0	1	0	0	
15:00	53	45.4	37.1	8.0	0	3	4	9	15	15	6	0	0	0	
16:00	75	47.2	42.3	5.7	0	0	5	10	23	24	15	3	0	0	
17:00	206	47.0	40.3	7.5	1	1	4	16	36	30	14	2	1	1	
18:00	54	45.4	37.4	7.7	0	1	4	11	25	7	4	0	1	0	
19:00	33	45.5	34.3	11.8	0	7	1	6	9	2	7	1	0	0	
20:00	15	56.0	48.9	16.5	0	0	1	1	3	3	1	4	1	0	
21:00	18	50.5	37.7	12.3	1	1	0	8	4	2	0	1	0	0	
22:00	10	45.2	38.3	6.7	0	0	1	2	2	4	1	0	0	0	
23:00	3	45.6	28.3	11.8	0	1	0	1	1	0	0	0	0	0	
Total	78	44.4	37.5	6.7	0	1	2	29	22	14	7	2	1	0	
2H(14-16)	96	44.0	36.7	7.1	0	4	6	21	35	23	6	1	0	0	
12H(7-19)	686	46.3	38.8	8.5	1	9	27	127	209	166	69	36	9	2	
24H(0-24)	727	47.2	38.8	8.1	2	18	32	138	233	186	81	31	3	2	
AM Peak	08:00	07:00	02:00	07:00	00:00	07:00	09:00	11:00	09:00	08:00	08:00	08:00	08:00	07:00	00:00
	61	58.5	42.5	9.4	0	1	3	15	19	24	10	5	2	0	1
PM Peak	17:00	20:00	20:00	20:00	17:00	19:00	12:00	17:00	17:00	17:00	16:00	20:00	16:00	17:00	20:00
	105	55.0	48.9	16.5	1	7	5	16	35	30	15	4	2	1	0

360 TSL Ltd

Direction: Eastbound

Hour	Total Volume	ESD Percentile	Mean Average	Standard Deviation	Bin 1 10-20	Bin 2 20-30	Bin 3 30-40	Bin 4 40-50	Bin 5 50-60	Bin 6 60-70	Bin 7 70-80	Bin 8 80-90	Bin 9 90-100	Bin 10 100-110	Bin 11 110-120	Bin 12 120-130
00:00	3	43.7	40.8	2.9	0	0	0	0	1	1	0	0	0	0	0	0
01:00	2	43.7	40.0	3.5	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
04:00	2	57.2	42.5	14.1	0	0	0	1	0	0	0	0	0	0	0	0
05:00	11	58.1	44.8	12.8	0	0	2	0	0	4	3	0	0	0	0	0
06:00	23	54.8	46.8	7.7	0	0	1	1	7	8	7	2	1	2	0	0
07:00	76	53.6	47.7	5.7	0	0	0	2	2	19	28	39	5	1	0	0
08:00	201	54.7	45.0	8.4	0	9	4	10	25	22	39	9	1	0	0	0
09:00	58	45.5	37.5	7.7	0	0	0	20	16	9	1	6	1	0	0	0
10:00	49	43.1	36.1	6.8	0	7	15	14	8	4	1	0	0	0	0	0
11:00	40	45.2	36.3	8.7	0	1	6	9	14	6	2	1	0	0	1	0
12:00	46	48.5	40.2	8.0	0	1	1	11	6	18	3	5	1	0	0	0
13:00	54	49.8	40.1	9.4	0	7	8	9	17	8	3	1	0	1	0	0
14:00	51	44.0	33.2	10.4	2	3	7	23	5	2	3	1	0	0	0	0
15:00	62	50.5	39.6	10.4	0	4	9	15	17	8	1	2	0	0	0	0
16:00	61	49.4	39.1	10.0	0	0	10	12	15	8	6	7	1	2	0	0
17:00	54	44.0	34.1	9.6	2	3	11	17	14	8	9	0	0	0	0	0
18:00	34	45.9	35.4	9.1	0	1	6	7	11	3	2	4	0	0	0	0
19:00	18	42.6	31.6	9.7	1	1	4	5	3	4	0	0	0	0	0	0
20:00	10	59.5	43.8	15.1	1	0	0	0	0	1	1	1	1	0	0	0
21:00	11	44.8	34.5	9.9	0	0	5	0	3	0	3	0	0	0	0	0
22:00	4	37.2	31.9	5.2	0	0	1	2	1	0	0	0	0	0	0	0
23:00	3	42.7	37.5	5.0	0	0	0	1	1	1	0	0	0	0	0	0
Total	69	44.1	36.2	7.6	0	1	13	24	28	14	6	2	0	1	0	0
2H(14-16)	113	48.0	36.8	10.8	2	6	11	32	20	22	10	4	3	3	0	0
12H(7-19)	696	49.8	39.6	9.8	4	12	73	137	131	143	95	69	21	10	0	0
24H(0-24)	783	50.0	39.6	10.0	6	13	95	147	143	148	109	75	23	15	0	0
AM Peak	08:00	05:00	07:00	04:00	00:00	11:00	08:00	09:00	09:00	08:00	07:00	07:00	08:00	08:00	00:00	00:00
	101	58.1	42.7	14.1	0	1	9	29	18	25	28	39	9	3	0	0
PM Peak	17:00	20:00	20:00	20:00	14:00	14:00	17:00	14:00	15:00	13:00	17:00	16:00	15:00	13:00	20:00	20:00
	164	58.5	45.8	15.1	2	3	11	25	15	18	9	7	2	3	1	0

360 TSL Ltd

Direction: Total Flow

10/05/2022														
Hour Beginning	Total Volume	ESD Percentile	Mean Average	Standard Deviation	Bin 1 10-20	Bin 2 20-30	Bin 3 30-40	Bin 4 40-50	Bin 5 50-60	Bin 6 60-70	Bin 7 70-80	Bin 8 80-90	Bin 9 90-100	Bin 10 100-110
00:00	4	41.4	36.9	8.3	0	0	0	0	1	2	0	0	0	0
01:00	3	43.8	40.8	2.9	0	0	0	0	1	2	0	0	0	0
02:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0
03:00	1	-	42.5	-	0	0	0	0	0	1	0	0	0	0
04:00	2	57.2	42.5	14.1	0	0	0	0	1	0	0	0	0	0
05:00	12	56.9	43.8	12.7	0	0	2	1	0	4	3	0	0	2
06:00	10	53.2	45.8	7.1	0	0	0	1	2	14	8	2	1	0
07:00	207	53.6	45.7	7.6	0	1	1	3	14	29	32	20	5	1
08:00	262	52.9	43.9	8.6	0	1	9	11	22	49	32	24	11	3
09:00	207	45.9	38.2	7.4	0	0	8	28	35	82	5	8	3	0
10:00	87	43.8	36.5	7.1	0	1	9	29	24	13	8	3	0	0
11:00	80	44.8	37.1	7.4	0	1	6	24	26	15	5	1	0	0
12:00	91	46.7	38.8	7.7	0	1	6	24	17	28	7	7	1	0
13:00	97	47.2	39.0	7.9	0	0	9	19	25	28	11	5	1	0
14:00	94	43.6	34.6	8.7	2	4	9	35	25	12	7	4	1	0
15:00	115	48.3	38.5	9.4	0	6	8	18	30	33	14	1	2	3
16:00	134	48.3	40.3	8.0	0	0	10	10	36	32	8	3	2	0
17:00	170	46.3	37.3	8.7	3	4	15	33	50	38	23	2	1	0
18:00	88	45.6	37.9	8.2	0	2	10	18	36	15	4	4	0	0
19:00	51	44.9	33.3	11.1	1	8	5	11	12	6	7	1	0	0
20:00	26	53.4	46.9	15.9	1	0	1	1	4	7	2	5	2	1
21:00	29	48.3	36.5	11.4	1	1	6	0	0	0	0	1	0	0
22:00	14	43.4	34.4	6.8	0	0	2	4	3	4	1	0	0	0
23:00	6	43.8	32.8	8.5	0	1	0	2	2	1	0	0	0	0
Total	167	44.3	36.8	7.2	0	2	15	53	50	28	13	4	1	1
2H(14-16)	209	46.4	36.7	9.3	2	10	17	53	55	45	16	5	3	0
12H(7-19)	1333	48.2	39.2	8.7	5	21	300	264	340	309	164	85	30	12
24H(0-24)	1510	48.7	39.2	9.2	8	31	117	285	376	354	190	94	33	18
AM Peak	08:00	04:00	05:00	04:00	00:00	07:00	08:00	10:00	09:00	08:00	08:00	08:00	07:00	00:00
	162	57.2	45.8	14.1	0	1	9	29	35	49	32	24	11	3
PM Peak	17:00	20:00	20:00	20:00	17:00	19:00	17:00	14:00	17:00	17:00	17:00	16:00	16:00	15:00
	170	53.4	46.9	15.9	3	6	15	35	38	23	8	3	3	1

360 TSL Ltd



North Wales ATC 16, B5381 Roman Road

Direction: Westbound																	11/05/2022
Hour	Total Volume	ESD	Mean Average	Standard Deviation	Bin 1 0-9m	Bin 2 10-19m	Bin 3 20-29m	Bin 4 30-39m	Bin 5 40-49m	Bin 6 50-59m	Bin 7 60-69m	Bin 8 70-79m	Bin 9 80-89m	Bin 10 90-99m	Bin 11 100-109m	Bin 12 110-119m	
00:00	3	42.2	39.2	2.9	0	0	0	0	2	1	0	0	0	0	0	0	
01:00	2	44.8	37.5	7.1	0	0	0	0	1	0	1	0	0	0	0	0	
02:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0	
03:00	1	-	37.5	-	0	0	0	0	1	0	0	0	0	0	0	0	
04:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0	
05:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0	
06:00	9	51.8	42.2	9.2	0	0	1	0	2	4	0	1	1	0	0	0	
07:00	23	49.5	41.1	8.1	0	0	1	3	8	1	1	2	2	0	0	0	
08:00	62	45.7	39.8	5.7	0	0	1	12	19	19	10	0	1	0	0	0	
09:00	54	44.9	38.0	6.7	0	0	1	13	14	14	7	1	0	0	0	0	
10:00	34	40.4	33.7	6.5	0	0	8	13	8	4	0	1	0	0	0	0	
11:00	60	47.4	36.4	10.6	2	1	14	2	17	11	12	0	0	1	0	0	
12:00	45	49.3	40.1	8.9	1	0	3	7	9	10	11	4	0	0	0	0	
13:00	41	49.1	43.7	5.2	0	0	0	1	10	13	12	5	0	0	0	0	
14:00	40	53.3	44.4	8.6	0	0	0	3	9	16	4	4	0	0	0	0	
15:00	55	50.6	43.6	6.8	0	0	1	3	10	21	13	4	2	1	0	0	
16:00	85	52.9	45.8	7.1	0	0	2	9	10	32	23	13	3	1	0	0	
17:00	116	51.3	43.8	7.2	0	0	3	10	19	30	34	15	4	1	0	0	
18:00	51	57.5	46.3	10.8	0	2	1	0	4	15	15	8	3	2	0	1	
19:00	21	58.7	46.5	8.9	0	0	0	0	4	3	3	7	1	3	0	0	
20:00	23	48.8	44.0	4.6	0	0	0	1	2	11	7	2	0	0	0	0	
21:00	18	52.8	45.8	7.7	0	0	0	2	2	4	4	4	2	0	0	0	
22:00	19	57.7	47.4	10.0	0	0	0	2	2	4	6	1	1	3	0	0	
23:00	2	37.5	37.5	0.0	0	0	0	0	2	0	0	0	0	0	0	0	
Total																	
2H(0-12)	94	45.2	35.4	9.4	2	1	22	15	25	15	12	1	0	1	0	0	
2H(14-16)	95	51.8	43.9	7.6	0	0	1	6	19	37	17	8	2	5	0	0	
12H(7-19)	664	50.7	43.9	8.5	3	3	39	87	137	191	149	57	15	10	1	1	
24H(0-24)	764	51.2	42.3	8.6	3	3	40	73	154	219	162	72	20	16	1	1	
AM Peak	08:00	06:00	06:00	11:00	11:00	11:00	09:00	08:00	08:00	11:00	07:00	07:00	11:00	00:00	00:00		
	62	51.8	42.2	10.6	2	1	14	13	19	19	12	2	2	1	0	0	
PM Peak	17:00	19:00	19:00	18:00	12:00	18:00	12:00	17:00	17:00	16:00	17:00	17:00	14:00	16:00	18:00		
	116	58.7	46.5	10.8	1	2	3	10	19	32	34	15	4	4	1	1	

360 TSL Ltd

Direction: Eastbound

Hour Beginning	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 10-19m	Bin 2 20-29m	Bin 3 30-39m	Bin 4 40-49m	Bin 5 50-59m	Bin 6 60-69m	Bin 7 70-79m	Bin 8 80-89m	Bin 9 90-99m	Bin 10 100-109m	Bin 11 110-119m	Bin 12 120-129m
00:00	1	-	42.5	-	0	0	0	0	0	1	0	0	0	0	0	0
01:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
02:00	1	-	32.5	-	0	0	0	1	0	0	0	0	0	0	0	0
03:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
04:00	1	-	25.0	-	0	0	1	0	0	0	0	0	0	0	0	0
05:00	7	57.7	42.5	14.6	0	0	1	2	1	0	1	0	0	0	0	0
06:00	26	56.2	46.6	7.4	0	0	1	0	1	5	7	7	5	0	0	0
07:00	76	55.3	46.6	8.4	0	0	0	2	15	24	12	7	11	5	0	0
08:00	90	47.3	40.7	6.4	0	4	13	20	31	17	5	17	0	0	0	0
09:00	44	45.6	38.1	7.2	0	0	5	5	21	7	3	2	1	0	0	0
10:00	58	44.9	37.1	7.5	0	0	8	15	16	12	5	10	2	0	0	0
11:00	63	42.0	33.7	8.0	0	1	20	12	18	7	3	2	0	0	0	0
12:00	42	44.2	36.2	7.8	0	1	5	14	9	7	5	1	0	0	0	0
13:00	59	48.2	38.8	9.0	2	0	4	7	19	16	4	1	0	0	0	0
14:00	46	47.8	39.5	8.0	0	1	1	9	17	7	8	2	0	1	0	0
15:00	48	46.9	40.2	6.5	0	2	2	5	12	12	12	3	0	0	0	0
16:00	63	48.6	42.0	6.4	0	0	1	8	16	16	15	7	0	0	0	0
17:00	50	47.9	39.5	8.1	0	1	3	11	9	13	10	2	1	0	0	0
18:00	33	53.7	45.6	9.7	0	1	0	3	6	12	1	3	2	2	0	0
19:00	24	53.3	42.6	10.1	0	0	2	3	7	5	5	4	1	1	0	0
20:00	8	44.8	36.3	8.2	0	0	2	1	1	0	0	0	0	0	0	0
21:00	6	56.0	41.7	13.8	0	0	1	1	1	1	1	0	0	1	0	0
22:00	3	41.8	35.8	5.8	0	0	0	0	0	1	4	0	0	0	0	0
23:00	2	47.5	47.5	0.0	0	0	0	0	0	0	2	0	0	0	0	0
Total																
2H(0-12)	121	43.5	35.3	7.9	0	1	28	27	34	19	8	2	2	0	0	0
2H(14-16)	94	48.3	39.9	8.1	0	3	3	14	29	19	20	1	0	1	0	0
12H(7-19)	672	48.6	39.8	8.5	2	7	53	104	178	164	100	38	18	8	0	0
24H(0-24)	751	49.3	40.2	8.8	2	7	61	114	190	175	117	40	25	11	0	0
AM Peak	08:00	05:00	06:00	05:00	00:00	11:00	11:00	10:00	09:00	08:00	08:00	06:00	07:00	07:00	00:00	00:00
	90	57.7	46.6	14.6	0	1	20	10	21	31	17	7	11	5	0	0
PM Peak	16:00	21:00	19:00	21:00	13:00	15:00	13:00	13:00	13:00	16:00	16:00	18:00	18:00	12:00	12:00	
	63	56.0	47.5	13.8	2	2	5	16	19	16	15	7	2	2	0	0

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 10-19m	Bin 2 20-29m	Bin 3 30-39m	Bin 4 40-49m	Bin 5 50-59m	Bin 6 60-69m	Bin 7 70-79m	Bin 8 80-89m	Bin 9 90-99m	Bin 10 100-109m	Bin 11 110-119m	Bin 12 120-129m
00:00	2	44.8	37.5	7.1	0	0	0	1	0	1	0	0	0	0	0	0
01:00	1	-	32.5	-	0	0	0	1	0	0	0	0	0	0	0	0
02:00	1	-	37.5	-	0	0	0	0	1	0	0	0	0	0	0	0
03:00	1	-	25.0	-	0	0	1	0	0	0	0	0	0	0	0	0
04:00	7	57.7	42.5	14.6	0	0	1	2	1	0	1	0	1	1	0	0
05:00	35	55.5	46.9	8.3	0	0	1	9	3	9	7	8	0	0	0	0
06:00	99	54.3	45.3	8.6	0	0	2	9	23	30	13	9	13	5	0	0
08:00	152	46.7	40.3	6.1	0	0	5	25	39	50	27	5	1	0	0	0
09:00	98	45.2	38.1	6.9	0	0	10	18	35	21	10	3	1	0	0	0
10:00	92	43.4	35.8	7.3	0	0	16	28	24	16	5	1	2	0	0	0
11:00	122	44.8	35.0	9.4	2	2	34	24	35	18	15	2	0	0	0	0
12:00	87	47.1	38.2	8.5	1	1	8	22	18	17	16	5	0	0	0	0
13:00	100	49.2	40.8	8.1	0	0	4	9	29	29	14	9	1	0	0	0
14:00	86	50.7	41.8	8.6	0	1	1	12	26	23	12	6	0	0	0	0
15:00	103	50.0	42.0	7.7	0	2	3	8	22	33	25	7	2	1	0	0
16:00	148	51.3	44.0	7.0	0	0	3	8	26	48	38	20	3	1	1	0
17:00	166	50.5	42.5	7.7	0	1	6	21	28	43	44	17	5	1	0	0
18:00	84	56.1	45.3	10.4	0	3	1	3	10	27	19	11	5	0	0	0
19:00	45	56.3	45.8	10.1	0	0	2	3	11	27	59	11	2	4	0	0
20:00	31	48.9	42.0	6.6	0	0	2	2	4	13	8	2	0	0	0	0
21:00	24	54.5	44.8	9.4	0	0	1	3	3	4	2	1	0	1	0	0
22:00	22	56.4	45.8	10.2	0	0	0	4	2	5	6	1	1	3	0	0
23:00	4	46.5	45.5	5.8	0	0	0	0	2	0	2	0	0	0	0	0
Total																
2H(0-12)	215	44.3	35.4	8.6	2	2	50	42	59	34	20	3	2	1	0	0
2H(14-16)	189	50.3	43.9	8.1	0	3	4	20	48	56	37	13	2	6	0	0
2H(18-20)	87	48.7	40.9	8.6	0	10	10	12	17	34	24	3	2	1	0	0
2H(22-24)	1515	50.3	41.3	8.7	5	10	301	187	344	394	279	121	45	27	1	1
PM Peak	1828	65.00	66.00	69.00	2	2	34	28	39	50	27	9	13	5	0	0
PM Peak	1730	2220	3930	1830	1830	1830	1830	1230	1330	1430	1630	1730	1830	1430	1630	1830



North Wales ATC 17, B5381 Roman Road



Direction: Westbound

Hour Beginning	Thu 28/04/2022	Fri 29/04/2022	Sat 30/04/2022	Sun 01/05/2022	Mon 02/05/2022	Tue 03/05/2022	Wed 04/05/2022	5-Day Ave.	7-Day Ave.
00:00	0	2	9	3	5	2	2	2	3
01:00	2	0	1	4	1	2	2	1	2
02:00	1	1	2	1	0	0	1	1	1
03:00	0	0	0	1	0	1	1	0	0
04:00	1	0	1	5	0	0	0	0	1
05:00	7	4	1	0	0	2	0	3	2
06:00	5	5	6	5	6	11	6	7	6
07:00	28	27	9	20	7	23	23	22	20
08:00	70	66	29	8	12	79	47	55	44
09:00	59	36	52	35	30	48	52	45	45
10:00	40	52	54	46	61	35	27	43	45
11:00	86	34	67	41	45	27	42	47	49
12:00	52	41	72	45	41	62	61	51	53
13:00	49	76	75	62	59	43	39	53	58
14:00	41	85	56	47	42	44	61	55	54
15:00	68	42	56	56	62	56	43	54	55
16:00	102	104	74	35	34	61	91	78	72
17:00	92	77	46	21	29	113	131	88	73
18:00	67	90	31	17	11	52	60	56	47
19:00	38	54	16	35	30	22	30	35	32
20:00	34	23	9	24	15	17	16	21	20
21:00	18	18	17	6	10	20	30	19	17
22:00	13	12	6	2	4	9	12	10	8
23:00	10	7	3	3	4	5	2	6	5
Total									
12H(7-19)	754	730	621	433	433	643	677	647	613
16H(6-22)	849	830	669	503	494	713	759	729	688
18H(6-24)	872	849	678	508	502	727	773	745	701
24H(0-24)	883	856	692	522	508	734	779	752	711
AM Peak	11:00	08:00	11:00	10:00	10:00	08:00	09:00	08:00	11:00
	86	66	67	46	61	79	52	55	49
PM Peak	16:00	16:00	13:00	13:00	15:00	17:00	17:00	17:00	17:00
	102	104	75	62	62	113	131	88	73

360 TSL Ltd

Direction: Eastbound

Hour Beginning	Thu 28/04/2022	Fri 29/04/2022	Sat 30/04/2022	Sun 01/05/2022	Mon 02/05/2022	Tue 03/05/2022	Wed 04/05/2022	5-Day Ave.	7-Day Ave.
00:00	0	3	4	2	2	1	3	2	2
01:00	3	1	2	0	0	3	0	1	1
02:00	4	1	1	1	0	0	2	1	1
03:00	2	1	0	0	0	2	4	2	1
04:00	5	2	1	4	3	1	1	2	2
05:00	16	9	3	4	3	13	8	10	8
06:00	17	36	6	5	8	32	24	23	18
07:00	96	64	26	20	23	82	58	65	53
08:00	111	119	33	16	21	105	125	96	76
09:00	60	59	42	32	27	80	65	58	52
10:00	79	70	49	52	51	34	41	55	54
11:00	66	55	62	60	66	38	43	54	56
12:00	60	65	30	67	61	60	35	56	54
13:00	58	63	31	63	66	53	53	59	55
14:00	40	36	41	49	53	60	42	46	46
15:00	55	47	44	59	54	38	50	49	50
16:00	61	73	46	58	51	66	63	63	60
17:00	73	33	58	38	29	54	40	46	46
18:00	35	35	63	33	40	20	17	29	35
19:00	43	14	25	24	25	8	25	23	23
20:00	17	12	12	17	16	8	14	13	14
21:00	8	7	7	19	16	7	3	8	10
22:00	8	2	12	1	5	6	1	4	5
23:00	3	2	2	0	2	3	2	2	2
Total									
12H(7-19)	794	719	525	547	542	690	632	675	636
16H(6-22)	879	788	575	612	607	745	698	743	701
18H(6-24)	890	792	589	613	614	754	701	750	708
24H(0-24)	920	809	600	624	622	774	719	769	724
AM Peak	08:00	08:00	11:00	11:00	11:00	08:00	08:00	08:00	08:00
	111	119	62	60	66	105	125	96	76
PM Peak	17:00	16:00	18:00	12:00	13:00	16:00	16:00	16:00	16:00
	73	73	63	67	66	66	63	63	60

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Thu 28/04/2022	Fri 29/04/2022	Sat 30/04/2022	Sun 01/05/2022	Mon 02/05/2022	Tue 03/05/2022	Wed 04/05/2022	5-Day Ave.	7-Day Ave.
00:00	0	5	13	5	7	3	5	4	5
01:00	5	1	3	4	1	5	2	3	3
02:00	5	2	3	2	0	0	3	2	2
03:00	2	1	0	1	0	3	5	2	2
04:00	6	2	2	9	3	1	1	3	3
05:00	23	13	4	4	3	15	8	12	10
06:00	22	41	12	10	14	43	30	30	25
07:00	124	91	35	40	30	105	81	86	72
08:00	181	185	62	24	33	184	172	151	120
09:00	119	95	94	67	57	128	117	103	97
10:00	119	122	103	98	112	69	68	98	99
11:00	152	89	129	101	111	65	85	100	105
12:00	112	106	102	112	102	122	96	108	107
13:00	107	139	106	125	125	96	92	112	113
14:00	81	121	97	96	95	104	103	101	100
15:00	123	89	100	115	116	94	93	103	104
16:00	163	177	120	93	85	127	154	141	131
17:00	105	110	104	59	58	167	171	134	119
18:00	102	125	94	50	51	72	77	85	82
19:00	81	68	41	59	55	30	55	58	56
20:00	51	35	21	41	31	25	30	34	33
21:00	26	25	24	25	26	27	33	27	27
22:00	21	14	18	3	9	15	13	14	13
23:00	13	9	5	3	6	8	4	8	7
Total									
12H(7-19)	1548	1449	1146	980	975	1333	1309	1323	1249
16H(6-22)	1728	1618	1244	1115	1101	1458	1457	1472	1389
18H(6-24)	1762	1641	1267	1121	1116	1481	1474	1495	1409
24H(0-24)	1803	1665	1292	1146	1130	1508	1498	1521	1435
AM Peak	08:00	08:00	11:00	11:00	10:00	08:00	08:00	08:00	08:00
	181	185	129	101	112	184	172	151	120
PM Peak	17:00	16:00	16:00	13:00	13:00	17:00	17:00	16:00	16:00
	165	177	120	125	125	167	171	141	131

360 TSL Ltd



North Wales ATC 17, B5381 Roman Road

Direction: Westbound

	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 28 Apr 2022	883	665	188	12	18
Fri 29 Apr 2022	856	657	179	11	9
Sat 30 Apr 2022	692	577	104	5	6
Sun 1 May 2022	522	435	76	7	4
Mon 2 May 2022	508	431	74	2	1
Tue 3 May 2022	734	523	191	8	12
Wed 4 May 2022	779	579	176	7	17
5 Day Ave.	752	571	162	8	11
7 Day Ave.	711	552	141	7	10

Direction: Eastbound

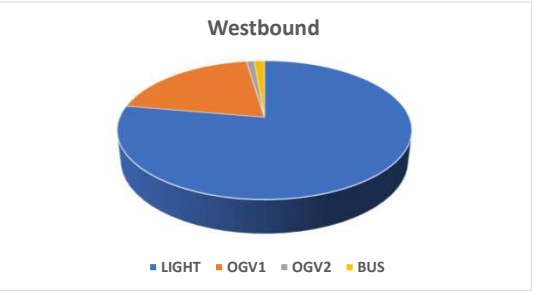
	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 28 Apr 2022	920	732	176	8	4
Fri 29 Apr 2022	809	651	137	14	7
Sat 30 Apr 2022	600	507	80	8	5
Sun 1 May 2022	624	554	64	4	2
Mon 2 May 2022	622	540	75	7	0
Tue 3 May 2022	774	601	159	11	3
Wed 4 May 2022	719	543	153	10	13
5 Day Ave.	769	613	140	10	5
7 Day Ave.	724	590	121	9	5

Direction: Total Flow

	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 28 Apr 2022	1803	1397	364	20	22
Fri 29 Apr 2022	1665	1308	316	25	16
Sat 30 Apr 2022	1292	1084	184	13	11
Sun 1 May 2022	1146	989	140	11	6
Mon 2 May 2022	1130	971	149	9	1
Tue 3 May 2022	1508	1124	350	19	15
Wed 4 May 2022	1498	1122	329	17	30
5 Day Ave.	1521	1184	302	18	17
7 Day Ave.	1435	1142	262	16	14

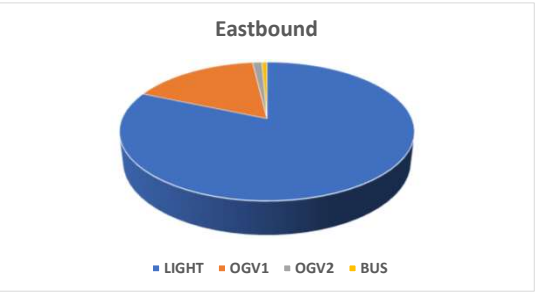
	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 28 Apr 2022	100.0%	75.3%	21.3%	1.4%	2.0%
Fri 29 Apr 2022	100.0%	76.8%	20.9%	1.3%	1.1%
Sat 30 Apr 2022	100.0%	83.4%	15.0%	0.7%	0.9%
Sun 1 May 2022	100.0%	83.3%	14.6%	1.3%	0.8%
Mon 2 May 2022	100.0%	84.8%	14.6%	0.4%	0.2%
Tue 3 May 2022	100.0%	71.3%	26.0%	1.1%	1.6%
Wed 4 May 2022	100.0%	74.3%	22.6%	0.9%	2.2%
5 Day Ave.	100.0%	75.9%	21.5%	1.1%	1.5%
7 Day Ave.	100.0%	77.7%	19.9%	1.0%	1.3%

360 TSL Ltd



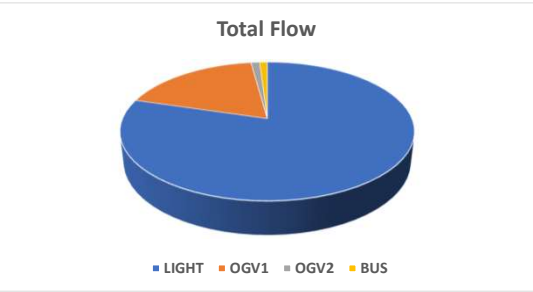
	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 28 Apr 2022	100.0%	79.6%	19.1%	0.9%	0.4%
Fri 29 Apr 2022	100.0%	80.5%	16.9%	1.7%	0.9%
Sat 30 Apr 2022	100.0%	84.5%	13.3%	1.3%	0.8%
Sun 1 May 2022	100.0%	88.8%	10.3%	0.6%	0.3%
Mon 2 May 2022	100.0%	86.8%	12.1%	1.1%	0.0%
Tue 3 May 2022	100.0%	77.6%	20.5%	1.4%	0.4%
Wed 4 May 2022	100.0%	75.5%	21.3%	1.4%	1.8%
5 Day Ave.	100.0%	79.8%	18.2%	1.3%	0.7%
7 Day Ave.	100.0%	81.5%	16.7%	1.2%	0.7%

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	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 28 Apr 2022	100.0%	77.5%	20.2%	1.1%	1.2%
Fri 29 Apr 2022	100.0%	78.6%	19.0%	1.5%	1.0%
Sat 30 Apr 2022	100.0%	83.9%	14.2%	1.0%	0.9%
Sun 1 May 2022	100.0%	86.3%	12.2%	1.0%	0.5%
Mon 2 May 2022	100.0%	85.9%	13.2%	0.8%	0.1%
Tue 3 May 2022	100.0%	74.5%	23.2%	1.3%	1.0%
Wed 4 May 2022	100.0%	74.9%	22.0%	1.1%	2.0%
5 Day Ave.	100.0%	77.9%	19.8%	1.2%	1.1%
7 Day Ave.	100.0%	79.6%	18.2%	1.1%	1.0%

360 TSL Ltd



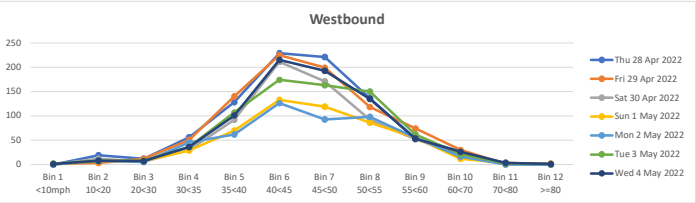


North Wales ATC 17, B5381 Roman Road

Direction: Westbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<30	Bin 4 30<35	Bin 5 35<40	Bin 6 40<45	Bin 7 45<50	Bin 8 50<55	Bin 9 55<60	Bin 10 60<70	Bin 11 70<80	Bin 12 >=80
Thu 28 Apr 2022	883	53.9	44.8	8.9	0	19	12	56	128	229	221	136	53	27	2	0
Fri 29 Apr 2022	856	54.3	45.5	8.5	1	3	12	51	140	225	199	118	74	30	1	2
Sat 30 Apr 2022	692	54.3	45.3	8.7	1	12	6	30	92	211	171	92	52	21	4	0
Sun 1 May 2022	522	54.9	45.7	8.8	0	8	7	29	70	133	119	86	55	12	3	0
Mon 2 May 2022	508	54.9	45.6	9.0	0	8	5	45	62	126	93	98	55	16	0	0
Tue 3 May 2022	734	55.0	46.0	8.7	2	7	8	36	107	174	163	150	62	22	2	1
Wed 4 May 2022	779	54.6	45.8	8.4	1	8	7	36	101	215	193	135	53	26	3	1
5 Day Ave.	752	54.5	45.5	8.7	1	9	9	45	108	194	174	127	59	24	2	1
7 Day Ave.	711	54.5	45.5	8.7	1	9	8	40	100	188	166	116	58	22	2	1

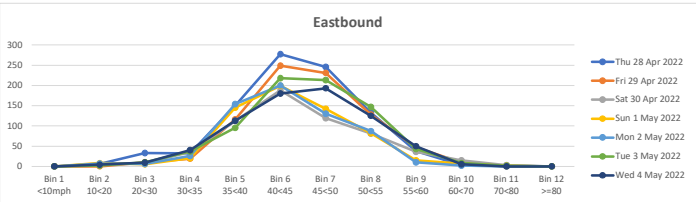
360 TSL Ltd



Direction: Eastbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<30	Bin 4 30<35	Bin 5 35<40	Bin 6 40<45	Bin 7 45<50	Bin 8 50<55	Bin 9 55<60	Bin 10 60<70	Bin 11 70<80	Bin 12 >=80
Thu 28 Apr 2022	920	51.8	44.1	7.4	0	6	33	32	150	277	246	133	38	3	2	0
Fri 29 Apr 2022	809	52.2	45.5	6.5	0	0	10	19	116	249	231	128	47	9	0	0
Sat 30 Apr 2022	600	52.9	44.6	8.0	0	3	8	35	112	188	119	81	36	15	3	0
Sun 1 May 2022	624	51.1	43.6	7.2	0	8	5	20	145	199	142	82	15	7	1	0
Mon 2 May 2022	622	50.2	43.1	6.8	0	7	6	26	154	200	130	87	10	2	0	0
Tue 3 May 2022	774	52.8	45.5	7.1	0	2	10	37	95	218	213	147	43	8	1	0
Wed 4 May 2022	719	52.7	45.1	7.4	0	4	9	40	113	180	193	125	50	5	0	0
5 Day Ave.	769	51.9	44.6	7.0	0	4	14	31	126	225	203	124	38	5	1	0
7 Day Ave.	724	51.9	44.5	7.2	0	4	12	30	126	216	182	112	34	7	1	0

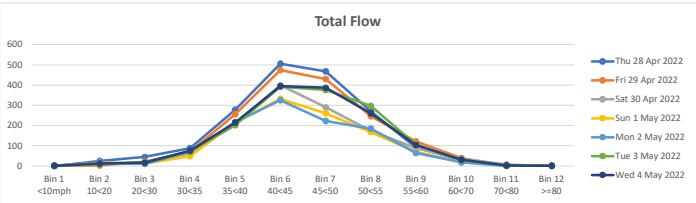
360 TSL Ltd



Direction: Total Flow

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<30	Bin 4 30<35	Bin 5 35<40	Bin 6 40<45	Bin 7 45<50	Bin 8 50<55	Bin 9 55<60	Bin 10 60<70	Bin 11 70<80	Bin 12 >=80
Thu 28 Apr 2022	1803	52.9	44.4	8.2	0	25	45	88	278	506	467	269	91	30	4	0
Fri 29 Apr 2022	1665	53.3	45.5	7.6	1	3	22	70	256	474	430	246	121	39	1	2
Sat 30 Apr 2022	1292	53.6	45.0	8.4	1	15	14	65	204	399	290	173	88	36	7	0
Sun 1 May 2022	1146	52.9	44.6	8.0	0	16	12	49	215	332	261	168	70	19	4	0
Mon 2 May 2022	1130	52.5	44.2	8.0	0	15	11	71	216	326	223	185	65	18	0	0
Tue 3 May 2022	1508	53.9	45.7	7.9	2	9	18	73	202	392	376	297	105	30	3	1
Wed 4 May 2022	1498	53.7	45.5	7.9	1	12	16	76	214	395	386	260	103	31	3	1
5 Day Ave.	1521	53.3	45.1	7.9	1	13	22	76	233	419	376	251	97	30	2	1
7 Day Ave.	1435	53.3	45.0	8.0	1	14	20	70	226	403	348	228	92	29	3	1

360 TSL Ltd





## North Wales ATC 17, B5381 Roman Road

Direction: Westbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<30	Bin 4 30<35	Bin 5 35<40	Bin 6 40<45	Bin 7 45<50	Bin 8 50<55	Bin 9 55<60	Bin 10 60<70	Bin 11 70<80	Bin 12 >=80
Thu 28 Apr 2022	126	49.9	41.9	7.7	0	1	3	12	38	35	22	7	6	2	0	0
Fri 29 Apr 2022	86	50.2	40.8	9.1	0	1	4	14	29	16	7	10	2	3	0	0
Sat 30 Apr 2022	121	53.5	45.2	7.9	0	1	0	7	21	34	28	17	9	4	0	0
Sun 1 May 2022	87	56.4	47.0	9.1	0	2	0	5	11	12	23	18	14	2	0	0
Mon 2 May 2022	106	57.7	48.8	8.6	0	1	0	5	16	7	17	38	18	4	0	0
Tue 3 May 2022	62	50.9	43.2	7.4	0	1	1	2	13	25	9	7	4	0	0	0
Wed 4 May 2022	69	46.6	41.2	5.3	0	0	0	9	16	34	4	6	0	0	0	0
5 Day Ave.	90	51.1	43.2	7.6	0	1	2	8	22	23	12	14	6	2	0	0
7 Day Ave.	94	52.2	44.0	7.9	0	1	1	8	21	23	16	15	8	2	0	0

360 TSL Ltd

Direction: Eastbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<30	Bin 4 30<35	Bin 5 35<40	Bin 6 40<45	Bin 7 45<50	Bin 8 50<55	Bin 9 55<60	Bin 10 60<70	Bin 11 70<80	Bin 12 >=80
Thu 28 Apr 2022	145	47.9	41.3	6.4	0	1	5	12	30	68	20	7	1	1	0	0
Fri 29 Apr 2022	125	51.0	44.6	6.1	0	0	1	4	28	27	41	21	3	0	0	0
Sat 30 Apr 2022	111	51.8	44.7	6.9	0	0	2	2	14	51	25	8	5	4	0	0
Sun 1 May 2022	112	51.0	43.3	7.4	0	2	0	3	24	48	22	7	4	1	1	0
Mon 2 May 2022	117	49.0	42.6	6.2	0	2	0	2	27	58	15	10	3	0	0	0
Tue 3 May 2022	72	47.4	40.9	6.3	0	0	1	14	15	26	9	7	0	0	0	0
Wed 4 May 2022	84	50.9	43.7	6.9	0	1	0	9	9	24	34	4	2	1	0	0
5 Day Ave.	109	49.2	42.6	6.4	0	1	1	8	22	41	24	10	2	0	0	0
7 Day Ave.	109	49.8	43.0	6.6	0	1	1	7	21	43	24	9	3	1	0	0

360 TSL Ltd

Direction: Total Flow

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<30	Bin 4 30<35	Bin 5 35<40	Bin 6 40<45	Bin 7 45<50	Bin 8 50<55	Bin 9 55<60	Bin 10 60<70	Bin 11 70<80	Bin 12 >=80
Thu 28 Apr 2022	271	48.9	41.6	7.0	0	2	8	24	68	103	42	14	7	3	0	0
Fri 29 Apr 2022	211	51.0	43.0	7.7	0	1	5	18	57	43	48	31	5	3	0	0
Sat 30 Apr 2022	232	52.7	45.0	7.4	0	1	2	9	35	85	53	25	14	8	0	0
Sun 1 May 2022	199	53.6	44.9	8.3	0	4	0	8	35	60	45	25	18	3	1	0
Mon 2 May 2022	223	53.9	45.5	8.0	0	3	0	7	43	65	32	48	21	4	0	0
Tue 3 May 2022	134	49.1	42.0	6.9	0	1	2	16	28	51	18	14	4	0	0	0
Wed 4 May 2022	153	49.1	42.6	6.3	0	1	0	18	25	58	38	10	2	1	0	0
5 Day Ave.	198	50.4	42.9	7.2	0	2	3	17	44	64	36	23	8	2	0	0
7 Day Ave.	203	51.2	43.5	7.4	0	2	2	14	42	66	39	24	10	3	0	0

360 TSL Ltd



## North Wales ATC 17, B5381 Roman Road

Direction: Westbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<30	Bin 4 30<35	Bin 5 35<40	Bin 6 40<45	Bin 7 45<50	Bin 8 50<55	Bin 9 55<60	Bin 10 60<70	Bin 11 70<80	Bin 12 >=80
Thu 28 Apr 2022	109	54.1	46.7	7.2	0	0	2	8	2	23	48	13	11	2	0	0
Fri 29 Apr 2022	127	52.5	44.4	7.8	0	0	3	12	8	44	45	9	2	3	0	1
Sat 30 Apr 2022	112	54.1	44.8	9.0	1	3	1	8	7	27	39	18	7	1	0	0
Sun 1 May 2022	103	54.1	44.0	9.8	0	2	1	9	19	34	20	7	4	5	2	0
Mon 2 May 2022	104	54.3	44.2	9.8	0	2	1	13	15	33	14	12	7	7	0	0
Tue 3 May 2022	100	52.7	45.8	6.7	0	1	0	4	8	33	28	21	4	1	0	0
Wed 4 May 2022	104	52.3	44.7	7.3	0	0	1	5	15	43	22	7	7	4	0	0
5 Day Ave.	109	53.2	45.2	7.8	0	1	1	8	10	35	31	12	6	3	0	0
7 Day Ave.	108	53.5	44.9	8.2	0	1	1	8	11	34	31	12	6	3	0	0

360 TSL Ltd

Direction: Eastbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<30	Bin 4 30<35	Bin 5 35<40	Bin 6 40<45	Bin 7 45<50	Bin 8 50<55	Bin 9 55<60	Bin 10 60<70	Bin 11 70<80	Bin 12 >=80
Thu 28 Apr 2022	95	48.6	43.0	5.4	0	0	2	4	17	38	27	7	0	0	0	0
Fri 29 Apr 2022	83	49.7	43.3	6.1	0	0	0	5	20	31	14	9	4	0	0	0
Sat 30 Apr 2022	85	50.9	42.3	8.3	0	1	2	7	30	13	18	10	2	2	0	0
Sun 1 May 2022	108	50.3	41.8	8.2	0	4	1	3	41	20	26	10	2	1	0	0
Mon 2 May 2022	107	49.1	41.4	7.4	0	3	1	6	41	18	27	11	0	0	0	0
Tue 3 May 2022	98	51.0	44.6	6.2	0	1	2	3	6	32	44	8	2	0	0	0
Wed 4 May 2022	92	48.5	41.3	6.9	0	1	2	7	33	24	15	8	2	0	0	0
5 Day Ave.	95	49.4	42.7	6.4	0	1	1	5	23	29	25	9	2	0	0	0
7 Day Ave.	95	49.7	42.5	6.9	0	1	1	5	27	25	24	9	2	0	0	0

360 TSL Ltd

Direction: Total Flow

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<30	Bin 4 30<35	Bin 5 35<40	Bin 6 40<45	Bin 7 45<50	Bin 8 50<55	Bin 9 55<60	Bin 10 60<70	Bin 11 70<80	Bin 12 >=80
Thu 28 Apr 2022	204	51.9	45.0	6.7	0	0	4	12	19	61	75	20	11	2	0	0
Fri 29 Apr 2022	210	51.4	44.0	7.2	0	0	3	17	28	75	59	18	6	3	0	1
Sat 30 Apr 2022	197	52.8	43.7	8.8	1	4	3	15	37	40	57	28	9	3	0	0
Sun 1 May 2022	211	52.2	42.8	9.0	0	6	2	12	60	54	46	17	6	6	2	0
Mon 2 May 2022	211	51.8	42.8	8.8	0	5	2	19	56	51	41	23	7	7	0	0
Tue 3 May 2022	198	51.9	45.2	6.5	0	2	2	7	14	65	72	29	6	1	0	0
Wed 4 May 2022	196	50.7	43.1	7.3	0	1	3	12	48	67	37	15	9	4	0	0
5 Day Ave.	204	51.6	44.0	7.3	0	2	3	13	33	64	57	21	8	3	0	0
7 Day Ave.	204	51.8	43.8	7.8	0	3	3	13	37	59	55	21	8	4	0	0

360 TSL Ltd



# North Wales ATC 17, B5381 Roman Road

Direction: Westbound

28/04/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	0	0	0	0	0
01:00	2	1	0	0	1
02:00	1	1	0	0	0
03:00	0	0	0	0	0
04:00	1	1	0	0	0
05:00	7	5	1	0	1
06:00	5	3	1	1	0
07:00	28	15	10	0	3
08:00	70	51	18	0	1
09:00	59	35	17	2	5
10:00	40	23	14	2	1
11:00	86	70	16	0	0
12:00	52	38	13	1	0
13:00	49	28	19	1	1
14:00	41	32	7	1	1
15:00	68	58	10	0	0
16:00	102	75	23	2	2
17:00	92	70	22	0	0
18:00	67	63	2	1	1
19:00	38	31	6	0	1
20:00	34	29	5	0	0
21:00	18	17	1	0	0
22:00	13	12	1	0	0
23:00	10	7	2	1	0
Total					
12H(7-19)	754	558	171	10	15
16H(6-22)	849	638	184	11	16
18H(6-24)	872	657	187	12	16
24H(0-24)	883	665	188	12	18
AM Peak	11:00	11:00	08:00	09:00	09:00
	86	70	18	2	5
PM Peak	16:00	16:00	16:00	16:00	16:00
	102	75	23	2	2

360 TSL Ltd

Direction: Eastbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	0	0	0	0	0
01:00	3	1	1	1	0
02:00	4	4	0	0	0
03:00	2	0	1	1	0
04:00	5	5	0	0	0
05:00	16	13	3	0	0
06:00	17	14	3	0	0
07:00	96	69	26	1	0
08:00	111	105	4	1	1
09:00	60	45	14	1	0
10:00	79	56	22	1	0
11:00	66	55	10	0	1
12:00	60	54	5	0	1
13:00	58	47	11	0	0
14:00	40	20	20	0	0
15:00	55	32	23	0	0
16:00	61	54	7	0	0
17:00	73	66	6	0	1
18:00	35	32	3	0	0
19:00	43	28	14	1	0
20:00	17	14	2	1	0
21:00	8	8	0	0	0
22:00	8	7	1	0	0
23:00	3	3	0	0	0
Total					
12H(7-19)	794	635	151	4	4
16H(6-22)	879	699	170	6	4
18H(6-24)	890	709	171	6	4
24H(0-24)	920	732	176	8	4
AM Peak	08:00	08:00	07:00	01:00	08:00
	111	105	26	1	1
PM Peak	17:00	17:00	15:00	19:00	12:00
	73	66	23	1	1

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	0	0	0	0	0
01:00	5	2	1	1	1
02:00	5	5	0	0	0
03:00	2	0	1	1	0
04:00	6	6	0	0	0
05:00	23	18	4	0	1
06:00	22	17	4	1	0
07:00	124	84	36	1	3
08:00	181	156	22	1	2
09:00	119	80	31	3	5
10:00	119	79	36	3	1
11:00	152	125	26	0	1
12:00	112	92	18	1	1
13:00	107	75	30	1	1
14:00	81	52	27	1	1
15:00	123	90	33	0	0
16:00	163	129	30	2	2
17:00	165	136	28	0	1
18:00	102	95	5	1	1
19:00	81	59	20	1	1
20:00	51	43	7	1	0
21:00	26	25	1	0	0
22:00	21	19	2	0	0
23:00	13	10	2	1	0
Total					
12H(7-19)	1548	1193	322	14	19
16H(6-22)	1728	1337	354	17	20
18H(6-24)	1762	1366	358	18	20
24H(0-24)	1803	1397	364	20	22
AM Peak	08:00	08:00	07:00	09:00	09:00
	181	156	36	3	5
PM Peak	17:00	17:00	15:00	16:00	16:00
	165	136	33	2	2

360 TSL Ltd



# North Wales ATC 17, B5381 Roman Road

Direction: Westbound

29/04/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	2	1	1	0	0
01:00	0	0	0	0	0
02:00	1	1	0	0	0
03:00	0	0	0	0	0
04:00	0	0	0	0	0
05:00	4	4	0	0	0
06:00	5	4	1	0	0
07:00	27	19	4	3	1
08:00	66	50	11	0	5
09:00	36	22	12	2	0
10:00	52	37	15	0	0
11:00	34	25	5	2	2
12:00	41	32	8	1	0
13:00	76	57	19	0	0
14:00	85	66	18	1	0
15:00	42	28	13	1	0
16:00	104	86	17	0	1
17:00	77	59	18	0	0
18:00	90	77	13	0	0
19:00	54	43	11	0	0
20:00	23	20	3	0	0
21:00	18	13	5	0	0
22:00	12	10	1	1	0
23:00	7	3	4	0	0
Total					
12H(7-19)	730	558	153	10	9
16H(6-22)	830	638	173	10	9
18H(6-24)	849	651	178	11	9
24H(0-24)	856	657	179	11	9
AM Peak	08:00	08:00	10:00	07:00	08:00
	66	50	15	3	5
PM Peak	16:00	16:00	13:00	12:00	16:00
	104	86	19	1	1

360 TSL Ltd

Direction: Eastbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	3	1	1	1	0
01:00	1	0	0	1	0
02:00	1	1	0	0	0
03:00	1	0	1	0	0
04:00	2	1	0	0	1
05:00	9	8	1	0	0
06:00	36	22	14	0	0
07:00	64	49	15	0	0
08:00	119	111	7	0	1
09:00	59	49	10	0	0
10:00	70	61	7	2	0
11:00	55	47	3	1	4
12:00	65	53	12	0	0
13:00	63	48	15	0	0
14:00	36	28	6	1	1
15:00	47	35	12	0	0
16:00	73	61	11	1	0
17:00	33	23	7	3	0
18:00	35	26	9	0	0
19:00	14	10	3	1	0
20:00	12	11	1	0	0
21:00	7	3	1	3	0
22:00	2	2	0	0	0
23:00	2	1	1	0	0
Total					
12H(7-19)	719	591	114	8	6
16H(6-22)	788	637	133	12	6
18H(6-24)	792	640	134	12	6
24H(0-24)	809	651	137	14	7
AM Peak	08:00	08:00	07:00	10:00	11:00
	119	111	15	2	4
PM Peak	16:00	16:00	13:00	17:00	14:00
	73	61	15	3	1

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	5	2	2	1	0
01:00	1	0	0	1	0
02:00	2	2	0	0	0
03:00	1	0	1	0	0
04:00	2	1	0	0	1
05:00	13	12	1	0	0
06:00	41	26	15	0	0
07:00	91	68	19	3	1
08:00	185	161	18	0	6
09:00	95	71	22	2	0
10:00	122	98	22	2	0
11:00	89	72	8	3	6
12:00	106	85	20	1	0
13:00	139	105	34	0	0
14:00	121	94	24	2	1
15:00	89	63	25	1	0
16:00	177	147	28	1	1
17:00	110	82	25	3	0
18:00	125	103	22	0	0
19:00	68	53	14	1	0
20:00	35	31	4	0	0
21:00	25	16	6	3	0
22:00	14	12	1	1	0
23:00	9	4	5	0	0
Total					
12H(7-19)	1449	1149	267	18	15
16H(6-22)	1618	1275	306	22	15
18H(6-24)	1641	1291	312	23	15
24H(0-24)	1665	1308	316	25	16
AM Peak	08:00	08:00	09:00	07:00	08:00
	185	161	22	3	6
PM Peak	16:00	16:00	13:00	17:00	14:00
	177	147	34	3	1

360 TSL Ltd



# North Wales ATC 17, B5381 Roman Road

Direction: Westbound

30/04/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	9	7	1	1	0
01:00	1	1	0	0	0
02:00	2	1	1	0	0
03:00	0	0	0	0	0
04:00	1	1	0	0	0
05:00	1	1	0	0	0
06:00	6	4	2	0	0
07:00	9	7	1	0	1
08:00	29	24	4	0	1
09:00	52	42	10	0	0
10:00	54	46	7	1	0
11:00	67	55	12	0	0
12:00	72	60	11	1	0
13:00	75	71	3	0	1
14:00	56	53	3	0	0
15:00	56	40	15	1	0
16:00	74	66	5	1	2
17:00	46	36	9	0	1
18:00	31	25	6	0	0
19:00	16	10	6	0	0
20:00	9	7	2	0	0
21:00	17	14	3	0	0
22:00	6	3	3	0	0
23:00	3	3	0	0	0
Total					
12H(7-19)	621	525	86	4	6
16H(6-22)	669	560	99	4	6
18H(6-24)	678	566	102	4	6
24H(0-24)	692	577	104	5	6
AM Peak	11:00 67	11:00 55	11:00 12	00:00 1	07:00 1
PM Peak	13:00 75	13:00 71	15:00 15	12:00 1	16:00 2

360 TSL Ltd

Direction: Eastbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	4	4	0	0	0
01:00	2	1	1	0	0
02:00	1	0	0	1	0
03:00	0	0	0	0	0
04:00	1	1	0	0	0
05:00	3	2	1	0	0
06:00	6	5	1	0	0
07:00	26	13	13	0	0
08:00	33	29	4	0	0
09:00	42	32	10	0	0
10:00	49	45	4	0	0
11:00	62	61	1	0	0
12:00	30	25	3	2	0
13:00	31	24	5	1	1
14:00	41	38	3	0	0
15:00	44	40	4	0	0
16:00	46	34	10	2	0
17:00	58	56	1	0	1
18:00	63	55	8	0	0
19:00	25	18	7	0	0
20:00	12	9	1	2	0
21:00	7	6	1	0	0
22:00	12	8	1	0	3
23:00	2	1	1	0	0
Total					
12H(7-19)	525	452	66	5	2
16H(6-22)	575	490	76	7	2
18H(6-24)	589	499	78	7	5
24H(0-24)	600	507	80	8	5
AM Peak	11:00 62	11:00 61	07:00 13	02:00 1	00:00 0
PM Peak	18:00 63	17:00 56	16:00 10	12:00 2	22:00 3

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	13	11	1	1	0
01:00	3	2	1	0	0
02:00	3	1	1	1	0
03:00	0	0	0	0	0
04:00	2	2	0	0	0
05:00	4	3	1	0	0
06:00	12	9	3	0	0
07:00	35	20	14	0	1
08:00	62	53	8	0	1
09:00	94	74	20	0	0
10:00	103	91	11	1	0
11:00	129	116	13	0	0
12:00	102	85	14	3	0
13:00	106	95	8	1	2
14:00	97	91	6	0	0
15:00	100	80	19	1	0
16:00	120	100	15	3	2
17:00	104	92	10	0	2
18:00	94	80	14	0	0
19:00	41	28	13	0	0
20:00	21	16	3	2	0
21:00	24	20	4	0	0
22:00	18	11	4	0	3
23:00	5	4	1	0	0
Total					
12H(7-19)	1146	977	152	9	8
16H(6-22)	1244	1050	175	11	8
18H(6-24)	1267	1065	180	11	11
24H(0-24)	1292	1084	184	13	11
AM Peak	11:00 129	11:00 116	09:00 20	00:00 1	07:00 1
PM Peak	16:00 120	16:00 100	15:00 19	12:00 3	22:00 3

360 TSL Ltd



# North Wales ATC 17, B5381 Roman Road

Direction: Westbound

01/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	3	3	0	0	0
01:00	4	4	0	0	0
02:00	1	0	0	1	0
03:00	1	1	0	0	0
04:00	5	1	1	3	0
05:00	0	0	0	0	0
06:00	5	1	1	0	3
07:00	20	13	7	0	0
08:00	8	7	0	1	0
09:00	35	31	3	1	0
10:00	46	44	2	0	0
11:00	41	28	13	0	0
12:00	45	31	14	0	0
13:00	62	59	3	0	0
14:00	47	43	3	1	0
15:00	56	45	10	0	1
16:00	35	28	7	0	0
17:00	21	19	2	0	0
18:00	17	15	2	0	0
19:00	35	34	1	0	0
20:00	24	21	3	0	0
21:00	6	5	1	0	0
22:00	2	2	0	0	0
23:00	3	0	3	0	0
Total					
12H(7-19)	433	363	66	3	1
16H(6-22)	503	424	72	3	4
18H(6-24)	508	426	75	3	4
24H(0-24)	522	435	76	7	4
AM Peak	10:00	10:00	11:00	04:00	06:00
	46	44	13	3	3
PM Peak	13:00	13:00	12:00	14:00	15:00
	62	59	14	1	1

360 TSL Ltd

Direction: Eastbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	2	1	0	1	0
01:00	0	0	0	0	0
02:00	1	1	0	0	0
03:00	0	0	0	0	0
04:00	4	4	0	0	0
05:00	4	4	0	0	0
06:00	5	3	2	0	0
07:00	20	17	3	0	0
08:00	16	13	2	1	0
09:00	32	31	1	0	0
10:00	52	51	1	0	0
11:00	60	52	8	0	0
12:00	67	58	8	0	1
13:00	63	59	4	0	0
14:00	49	36	11	1	1
15:00	59	55	4	0	0
16:00	58	53	5	0	0
17:00	38	30	7	1	0
18:00	33	30	3	0	0
19:00	24	24	0	0	0
20:00	17	16	1	0	0
21:00	19	15	4	0	0
22:00	1	1	0	0	0
23:00	0	0	0	0	0
Total					
12H(7-19)	547	485	57	3	2
16H(6-22)	612	543	64	3	2
18H(6-24)	613	544	64	3	2
24H(0-24)	624	554	64	4	2
AM Peak	11:00	11:00	11:00	00:00	00:00
	60	52	8	1	0
PM Peak	12:00	13:00	14:00	14:00	12:00
	67	59	11	1	1

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	5	4	0	1	0
01:00	4	4	0	0	0
02:00	2	1	0	1	0
03:00	1	1	0	0	0
04:00	9	5	1	3	0
05:00	4	4	0	0	0
06:00	10	4	3	0	3
07:00	40	30	10	0	0
08:00	24	20	2	2	0
09:00	67	62	4	1	0
10:00	98	95	3	0	0
11:00	101	80	21	0	0
12:00	112	89	22	0	1
13:00	125	118	7	0	0
14:00	96	79	14	2	1
15:00	115	100	14	0	1
16:00	93	81	12	0	0
17:00	59	49	9	1	0
18:00	50	45	5	0	0
19:00	59	58	1	0	0
20:00	41	37	4	0	0
21:00	25	20	5	0	0
22:00	3	3	0	0	0
23:00	3	0	3	0	0
Total					
12H(7-19)	980	848	123	6	3
16H(6-22)	1115	967	136	6	6
18H(6-24)	1121	970	139	6	6
24H(0-24)	1146	989	140	11	6
AM Peak	11:00	10:00	11:00	04:00	06:00
	101	95	21	3	3
PM Peak	13:00	13:00	12:00	14:00	12:00
	125	118	22	2	1

360 TSL Ltd



# North Wales ATC 17, B5381 Roman Road

Direction: Westbound

02/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	5	5	0	0	0
01:00	1	1	0	0	0
02:00	0	0	0	0	0
03:00	0	0	0	0	0
04:00	0	0	0	0	0
05:00	0	0	0	0	0
06:00	6	1	5	0	0
07:00	7	5	2	0	0
08:00	12	12	0	0	0
09:00	30	28	2	0	0
10:00	61	58	3	0	0
11:00	45	29	14	2	0
12:00	41	29	12	0	0
13:00	59	54	5	0	0
14:00	42	38	4	0	0
15:00	62	55	7	0	0
16:00	34	29	5	0	0
17:00	29	27	2	0	0
18:00	11	8	2	0	1
19:00	30	29	1	0	0
20:00	15	11	4	0	0
21:00	10	9	1	0	0
22:00	4	3	1	0	0
23:00	4	0	4	0	0
Total					
12H(7-19)	433	372	58	2	1
16H(6-22)	494	422	69	2	1
18H(6-24)	502	425	74	2	1
24H(0-24)	508	431	74	2	1
AM Peak	10:00	10:00	11:00	11:00	00:00
	61	58	14	2	0
PM Peak	15:00	15:00	12:00	12:00	18:00
	62	55	12	0	1

360 TSL Ltd

Direction: Eastbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	2	2	0	0	0
01:00	0	0	0	0	0
02:00	0	0	0	0	0
03:00	0	0	0	0	0
04:00	3	1	0	2	0
05:00	3	3	0	0	0
06:00	8	6	2	0	0
07:00	23	20	3	0	0
08:00	21	18	3	0	0
09:00	27	25	1	1	0
10:00	51	49	1	1	0
11:00	66	55	11	0	0
12:00	61	48	13	0	0
13:00	66	60	6	0	0
14:00	53	38	15	0	0
15:00	54	52	2	0	0
16:00	51	49	2	0	0
17:00	29	21	6	2	0
18:00	40	35	4	1	0
19:00	25	25	0	0	0
20:00	16	13	3	0	0
21:00	16	13	3	0	0
22:00	5	5	0	0	0
23:00	2	2	0	0	0
Total					
12H(7-19)	542	470	67	5	0
16H(6-22)	607	527	75	5	0
18H(6-24)	614	534	75	5	0
24H(0-24)	622	540	75	7	0
AM Peak	11:00	11:00	11:00	04:00	00:00
	66	55	11	2	0
PM Peak	13:00	13:00	14:00	17:00	12:00
	66	60	15	2	0

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	7	7	0	0	0
01:00	1	1	0	0	0
02:00	0	0	0	0	0
03:00	0	0	0	0	0
04:00	3	1	0	2	0
05:00	3	3	0	0	0
06:00	14	7	7	0	0
07:00	30	25	5	0	0
08:00	33	30	3	0	0
09:00	57	53	3	1	0
10:00	112	107	4	1	0
11:00	111	84	25	2	0
12:00	102	77	25	0	0
13:00	125	114	11	0	0
14:00	95	76	19	0	0
15:00	116	107	9	0	0
16:00	85	78	7	0	0
17:00	58	48	8	2	0
18:00	51	43	6	1	1
19:00	55	54	1	0	0
20:00	31	24	7	0	0
21:00	26	22	4	0	0
22:00	9	8	1	0	0
23:00	6	2	4	0	0
Total					
12H(7-19)	975	842	125	7	1
16H(6-22)	1101	949	144	7	1
18H(6-24)	1116	959	149	7	1
24H(0-24)	1130	971	149	9	1
AM Peak	10:00	10:00	11:00	04:00	00:00
	112	107	25	2	0
PM Peak	13:00	13:00	12:00	17:00	18:00
	125	114	25	2	1

360 TSL Ltd



# North Wales ATC 17, B5381 Roman Road

Direction: Westbound

03/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	2	1	1	0	0
01:00	2	1	0	1	0
02:00	0	0	0	0	0
03:00	1	1	0	0	0
04:00	0	0	0	0	0
05:00	2	2	0	0	0
06:00	11	10	1	0	0
07:00	23	14	8	0	1
08:00	79	57	21	0	1
09:00	48	27	17	1	3
10:00	35	26	6	3	0
11:00	27	19	7	0	1
12:00	62	50	11	1	0
13:00	43	31	11	0	1
14:00	44	30	13	1	0
15:00	56	35	16	1	4
16:00	61	48	13	0	0
17:00	113	75	38	0	0
18:00	52	37	14	0	1
19:00	22	17	5	0	0
20:00	17	17	0	0	0
21:00	20	14	6	0	0
22:00	9	6	3	0	0
23:00	5	5	0	0	0
Total					
12H(7-19)	643	449	175	7	12
16H(6-22)	713	507	187	7	12
18H(6-24)	727	518	190	7	12
24H(0-24)	734	523	191	8	12
AM Peak	08:00 79	08:00 57	08:00 21	10:00 3	09:00 3
PM Peak	17:00 113	17:00 75	17:00 38	12:00 1	15:00 4

360 TSL Ltd

Direction: Eastbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	1	0	1	0	0
01:00	3	1	1	1	0
02:00	0	0	0	0	0
03:00	2	0	2	0	0
04:00	1	1	0	0	0
05:00	13	12	1	0	0
06:00	32	17	15	0	0
07:00	82	64	16	1	1
08:00	105	91	14	0	0
09:00	80	62	17	1	0
10:00	34	32	2	0	0
11:00	38	26	9	3	0
12:00	60	38	21	0	1
13:00	53	41	11	1	0
14:00	60	51	8	1	0
15:00	38	28	10	0	0
16:00	66	55	11	0	0
17:00	54	43	10	0	1
18:00	20	16	4	0	0
19:00	8	7	1	0	0
20:00	8	7	0	1	0
21:00	7	4	1	2	0
22:00	6	4	2	0	0
23:00	3	1	2	0	0
Total					
12H(7-19)	690	547	133	7	3
16H(6-22)	745	582	150	10	3
18H(6-24)	754	587	154	10	3
24H(0-24)	774	601	159	11	3
AM Peak	08:00 105	08:00 91	09:00 17	11:00 3	07:00 1
PM Peak	16:00 66	16:00 55	12:00 21	21:00 2	12:00 1

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	3	1	2	0	0
01:00	5	2	1	2	0
02:00	0	0	0	0	0
03:00	3	1	2	0	0
04:00	1	1	0	0	0
05:00	15	14	1	0	0
06:00	43	27	16	0	0
07:00	105	78	24	1	2
08:00	184	148	35	0	1
09:00	128	89	34	2	3
10:00	69	58	8	3	0
11:00	65	45	16	3	1
12:00	122	88	32	1	1
13:00	96	72	22	1	1
14:00	104	81	21	2	0
15:00	94	63	26	1	4
16:00	127	103	24	0	0
17:00	167	118	48	0	1
18:00	72	53	18	0	1
19:00	30	24	6	0	0
20:00	25	24	0	1	0
21:00	27	18	7	2	0
22:00	15	10	5	0	0
23:00	8	6	2	0	0
Total					
12H(7-19)	1333	996	308	14	15
16H(6-22)	1458	1089	337	17	15
18H(6-24)	1481	1105	344	17	15
24H(0-24)	1508	1124	350	19	15
AM Peak	08:00 184	08:00 148	08:00 35	10:00 3	09:00 3
PM Peak	17:00 167	17:00 118	17:00 48	14:00 2	15:00 4

360 TSL Ltd



# North Wales ATC 17, B5381 Roman Road

Direction: Westbound

04/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	2	1	1	0	0
01:00	2	1	1	0	0
02:00	1	0	1	0	0
03:00	1	1	0	0	0
04:00	0	0	0	0	0
05:00	0	0	0	0	0
06:00	6	5	1	0	0
07:00	23	18	1	1	3
08:00	47	31	15	0	1
09:00	52	40	5	1	6
10:00	27	17	9	0	1
11:00	42	33	8	1	0
12:00	61	35	26	0	0
13:00	39	30	8	0	1
14:00	61	46	15	0	0
15:00	43	34	9	0	0
16:00	91	65	22	1	3
17:00	131	99	32	0	0
18:00	60	49	10	1	0
19:00	30	23	6	1	0
20:00	16	15	1	0	0
21:00	30	24	4	0	2
22:00	12	11	1	0	0
23:00	2	1	0	1	0
Total					
12H(7-19)	677	497	160	5	15
16H(6-22)	759	564	172	6	17
18H(6-24)	773	576	173	7	17
24H(0-24)	779	579	176	7	17
AM Peak	09:00	09:00	08:00	07:00	09:00
	52	40	15	1	6
PM Peak	17:00	17:00	17:00	16:00	16:00
	131	99	32	1	3

360 TSL Ltd

Direction: Eastbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	3	2	1	0	0
01:00	0	0	0	0	0
02:00	2	1	1	0	0
03:00	4	0	0	4	0
04:00	1	1	0	0	0
05:00	8	5	0	0	3
06:00	24	13	10	0	1
07:00	58	39	17	2	0
08:00	125	111	14	0	0
09:00	65	47	17	1	0
10:00	41	36	5	0	0
11:00	43	29	14	0	0
12:00	35	23	11	1	0
13:00	53	48	4	0	1
14:00	42	29	13	0	0
15:00	50	26	17	0	7
16:00	63	52	10	0	1
17:00	40	27	11	2	0
18:00	17	16	1	0	0
19:00	25	19	6	0	0
20:00	14	14	0	0	0
21:00	3	3	0	0	0
22:00	1	0	1	0	0
23:00	2	2	0	0	0
Total					
12H(7-19)	632	483	134	6	9
16H(6-22)	698	532	150	6	10
18H(6-24)	701	534	151	6	10
24H(0-24)	719	543	153	10	13
AM Peak	08:00	08:00	07:00	03:00	05:00
	125	111	17	4	3
PM Peak	16:00	16:00	15:00	17:00	15:00
	63	52	17	2	7

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	5	3	2	0	0
01:00	2	1	1	0	0
02:00	3	1	2	0	0
03:00	5	1	0	4	0
04:00	1	1	0	0	0
05:00	8	5	0	0	3
06:00	30	18	11	0	1
07:00	81	57	18	3	3
08:00	172	142	29	0	1
09:00	117	87	22	2	6
10:00	68	53	14	0	1
11:00	85	62	22	1	0
12:00	96	58	37	1	0
13:00	92	78	12	0	2
14:00	103	75	28	0	0
15:00	93	60	26	0	7
16:00	154	117	32	1	4
17:00	171	126	43	2	0
18:00	77	65	11	1	0
19:00	55	42	12	1	0
20:00	30	29	1	0	0
21:00	33	27	4	0	2
22:00	13	11	2	0	0
23:00	4	3	0	1	0
Total					
12H(7-19)	1309	980	294	11	24
16H(6-22)	1457	1096	322	12	27
18H(6-24)	1474	1110	324	13	27
24H(0-24)	1498	1122	329	17	30
AM Peak	08:00	08:00	08:00	03:00	09:00
	172	142	29	4	6
PM Peak	17:00	17:00	17:00	17:00	15:00
	171	126	43	2	7

360 TSL Ltd



North Wales ATC 17, B5381 Roman Road

Direction: Westbound

28/04/2022																
Hour Beginning	Total Volume	ESD Percentile	Mean Average	Standard Deviation	Bin 1 10-20m	Bin 2 20-30	Bin 3 30-35	Bin 4 35-40	Bin 5 40-45	Bin 6 45-50	Bin 7 50-55	Bin 8 55-60	Bin 9 60-65	Bin 10 65-70	Bin 11 70-80	Bin 12 80-90
00:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
01:00	2	37.5	37.5	0.0	0	0	0	0	2	0	0	0	0	0	0	0
02:00	1	-	47.5	-	0	0	0	0	0	0	1	0	0	0	0	0
03:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
04:00	1	-	42.5	-	0	0	0	0	0	1	0	0	0	0	0	0
05:00	7	59.9	46.8	12.6	0	0	0	0	3	2	0	0	0	2	0	7
06:00	5	50.8	46.5	4.2	0	0	0	0	0	2	2	1	0	0	0	0
07:00	18	56.2	46.3	8.5	0	1	0	0	0	1	11	1	80	0	0	0
08:00	70	55.8	45.9	9.6	0	4	0	3	3	13	22	19	6	4	0	0
09:00	59	54.4	45.5	10.5	0	0	3	5	20	10	7	6	3	1	0	0
10:00	40	48.9	40.1	8.5	0	1	3	1	14	16	1	2	1	1	0	0
11:00	86	50.2	42.8	7.2	0	0	0	11	24	19	21	5	5	1	0	0
12:00	52	52.6	44.6	7.7	0	1	0	2	7	20	10	9	2	1	0	0
13:00	49	52.0	39.3	12.2	0	8	0	1	8	20	5	5	1	1	0	0
14:00	41	52.3	44.2	7.8	0	0	1	6	1	14	11	6	1	1	0	0
15:00	68	54.8	48.2	6.4	0	0	1	2	1	9	37	7	10	1	0	0
16:00	102	52.9	45.9	8.7	0	1	8	19	11	18	37	11	7	1	0	0
17:00	92	54.1	47.5	6.4	0	1	1	1	3	17	37	29	2	1	0	0
18:00	67	57.7	49.0	8.4	0	0	1	0	1	28	11	50	8	8	0	0
19:00	38	51.4	41.8	9.3	0	1	0	1	17	12	2	3	0	1	1	0
20:00	34	54.9	45.2	9.3	0	0	0	8	4	1	9	8	3	1	0	0
21:00	18	51.6	45.4	7.9	0	0	0	1	2	9	1	3	1	0	0	0
22:00	13	55.7	48.7	6.8	0	0	0	0	2	1	5	2	3	0	0	0
23:00	10	45.3	41.0	4.1	0	0	0	1	2	6	1	0	0	0	0	0
Total	126	49.9	41.9	7.7	0	1	3	12	38	35	22	7	6	2	0	0
2H(14-16)	109	54.1	46.7	7.2	0	0	2	8	2	23	48	13	11	2	0	0
12H(7-19)	794	54.1	46.9	8.9	0	18	12	45	96	195	200	119	46	22	1	0
24H(0-24)	881	51.9	44.8	8.9	0	19	12	56	128	229	221	136	53	27	2	0
AM Peak	11:00	05:00	02:00	05:00	00:00	08:00	09:00	11:00	11:00	11:00	08:00	08:00	08:00	09:00	09:00	00:00
86	58.9	47.5	12.6	0	4	3	11	24	19	22	19	6	4	1	0	0
PM Peak	16:00	18:00	18:00	13:00	12:00	13:00	16:00	16:00	19:00	18:00	15:00	17:00	15:00	18:00	19:00	12:00
102	57.7	49.0	12.2	0	8	2	13	17	28	37	39	50	8	1	0	0

360 TSL Ltd

Direction: Eastbound

28/04/2022																
Hour Beginning	Total Volume	ESD Percentile	Mean Average	Standard Deviation	Bin 1 10-20m	Bin 2 20-30	Bin 3 30-35	Bin 4 35-40	Bin 5 40-45	Bin 6 45-50	Bin 7 50-55	Bin 8 55-60	Bin 9 60-65	Bin 10 65-70	Bin 11 70-80	Bin 12 80-90
00:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
01:00	1	12.2	49.2	2.9	0	0	0	0	0	2	1	0	0	0	0	0
02:00	4	48.0	45.0	2.9	0	0	0	0	0	2	2	0	0	0	0	0
03:00	2	32.5	32.5	0.0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	5	47.5	40.5	6.7	0	0	0	0	0	4	0	0	1	0	0	0
05:00	16	54.9	46.4	8.2	0	9	1	1	1	5	7	0	0	0	0	0
06:00	17	56.5	47.9	8.3	0	0	0	0	1	5	8	1	1	0	1	0
07:00	96	54.4	47.9	6.3	0	0	0	2	7	23	30	38	36	0	0	0
08:00	111	54.1	44.8	8.9	0	1	11	0	8	28	30	25	8	0	0	0
09:00	60	49.7	42.5	7.0	0	0	3	3	15	16	17	4	2	0	0	0
10:00	79	46.0	46.9	5.0	0	1	11	15	38	12	1	0	0	0	0	0
11:00	66	50.0	41.9	7.8	0	1	4	1	14	30	8	6	1	1	0	0
12:00	60	50.1	44.9	5.0	0	0	0	1	7	25	17	9	1	0	0	0
13:00	58	49.3	42.6	6.5	0	1	1	1	13	23	13	6	0	0	0	0
14:00	40	47.1	41.9	5.0	0	0	1	3	4	24	7	1	0	0	0	0
15:00	55	49.6	41.7	6.7	0	1	1	1	12	14	20	6	0	0	0	0
16:00	61	50.4	44.6	5.6	0	0	1	1	12	12	27	8	0	0	0	0
17:00	73	51.9	45.1	6.5	0	2	1	1	25	17	24	4	1	0	0	0
18:00	35	52.8	42.2	11.2	0	1	7	1	5	7	11	7	1	0	0	0
19:00	43	54.0	48.0	5.9	0	0	0	0	3	15	3	19	3	0	0	0
20:00	17	55.8	48.5	7.0	0	0	0	0	1	7	6	0	1	0	0	0
21:00	8	46.3	38.4	7.6	0	0	1	0	5	1	0	1	0	0	0	0
22:00	8	58.7	53.8	4.4	0	0	0	0	0	1	2	4	0	0	0	0
23:00	3	46.5	37.5	8.7	0	0	0	2	0	0	1	0	0	0	0	0
Total	145	47.9	41.3	6.4	0	1	5	12	30	68	20	7	1	1	0	0
2H(14-16)	95	48.6	43.0	6.4	0	0	2	4	17	38	27	7	0	0	0	0
12H(7-19)	794	51.3	41.7	7.3	0	6	31	26	135	252	216	95	30	2	1	0
24H(0-24)	920	51.8	44.1	7.4	0	6	33	32	150	277	246	133	38	3	2	0
AM Peak	08:00	05:00	01:00	08:00	00:00	08:00	08:00	10:00	10:00	10:00	07:00	08:00	07:00	11:00	06:00	00:00
111	56.1	49.2	8.9	0	1	11	11	18	38	39	29	34	1	1	0	0
PM Peak	17:00	22:00	22:00	18:00	12:00	17:00	18:00	14:00	17:00	13:00	16:00	19:00	22:00	17:00	17:00	12:00
79	58.3	53.8	11.2	0	2	7	9	21	25	27	28	4	1	1	0	0

360 TSL Ltd

Direction: Total Flow

28/04/2022																
Hour Beginning	Total Volume	ESD Percentile	Mean Average	Standard Deviation	Bin 1 10-20m	Bin 2 20-30	Bin 3 30-35	Bin 4 35-40	Bin 5 40-45	Bin 6 45-50	Bin 7 50-55	Bin 8 55-60	Bin 9 60-65	Bin 10 65-70	Bin 11 70-80	Bin 12 80-90
00:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
01:00	5	31.5	44.5	6.7	0	0	0	0	2	0	2	1	0	0	0	0
02:00	5	48.3	45.5	2.7	0	0	0	0	0	2	1	0	0	0	0	0
03:00	2	32.5	32.5	0.0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	6	47.1	40.6	6.3	0	0	0	0	0	4	1	0	1	0	0	0
05:00	23	56.3	46.5	9.5	0	0	1	1	4	3	5	7	0	2	0	0
06:00	22	55.4	47.6	7.5	0	0	0	0	0	10	10	12	1	0	0	0
07:00	124	54.9	47.5	7.1	0	1	0	0	10	34	31	28	16	2	0	0
08:00	181	54.8	45.2	9.2	0	5	11	3	11	41	52	44	14	0	0	0
09:00	119	52.2	43.0	8.9	0	6	6	8	35	26	24	30	5	4	1	0
10:00	119	47.2	40.5	6.4	0	1	4	12	30	54	13	3	1	1	0	0
11:00	152	50.1	42.4	7.4	0	1	4	12	38	49	29	11	6	0	0	0
12:00	112	51.4	44.8	6.4	0	1	0	3	14	45	27	18	3	1	0	0
13:00	107	51.1	45.1	8.7	0	0	9	2	21	43	18	11	1	1	0	0
14:00	81	49.9	41.1	6.6	0	2	1	9	5	38	18	7	1	1	0	0
15:00	123	52.9	46.2	6.5	0	2	3	14	23	57	53	50	1	0	0	0
16:00	163	52.1	44.2	7.7	0	2	3	14	23	30	64	39	7	1	0	0
17:00	165	53.5	45.5	7.5	0	3	2	2	24	34	61	33	3	2	1	0
18:00	102	56.8	48.3	10.1	0	1	8	1	6	39	22	17	9	1	0	0
19:00	81	53.6	45.1	8.2	0	1	0	1	20	27	5	22	3	1	1	0
20:00	51	55.3	48.3	8.7	0	0	0	9	5	2	16	14	1	2	0	0
21:00	26	51.9	43.3	8.3	0	0	1	1	7	4	1	1	1	0	0	0
22:00	21	57.2	50.6	6.4	0	0	0	0	2	1	7	4	7	0	0	0
23:00	13	45.6	40.2	5.3	0	0	0	1	2	6	2	0	0	0	0	0
Total	271	48.9	41.6	7.0	0	2	8	24	68	103	42	14	7	3	0	0



North Wales ATC 17, B5381 Roman Road

Direction: Westbound

29/04/2022																
Hour Beginning	Total Volume	ESD Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-40	Bin 5 40-50	Bin 6 50-60	Bin 7 60-70	Bin 8 70-80	Bin 9 80-90	Bin 10 90-99	Bin 11 100-119	Bin 12 >120
00:00	2	63.1	45.8	17.7	0	0	0	0	0	1	0	0	0	0	0	0
01:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
02:00	1	-	52.5	-	0	0	0	0	0	0	1	0	0	0	0	0
03:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
05:00	4	63.3	59.4	3.8	0	0	0	0	0	0	0	3	1	0	4	0
06:00	5	50.1	45.5	4.5	0	0	0	0	0	3	1	1	0	0	0	0
07:00	27	59.4	49.5	8.5	0	1	0	0	1	2	0	4	3	1	4	0
08:00	66	60.8	49.3	11.0	1	1	0	1	6	14	12	8	14	9	0	0
09:00	16	60.7	50.2	10.1	0	0	0	0	5	1	1	4	1	0	1	0
10:00	52	50.8	40.9	9.5	0	0	2	13	16	7	4	6	1	3	0	0
11:00	34	49.3	40.5	8.5	0	1	2	1	13	9	3	4	1	0	0	0
12:00	41	51.6	44.3	7.0	0	0	2	3	2	12	14	8	0	0	0	0
13:00	76	53.4	46.5	6.6	0	0	0	3	8	20	25	11	8	1	0	0
14:00	85	52.4	44.3	7.8	0	0	3	5	7	29	34	4	1	1	0	1
15:00	42	52.8	44.6	7.9	0	0	0	7	1	15	11	5	1	2	0	0
16:00	30	55.7	42.3	8.1	0	0	0	0	9	19	24	17	11	4	0	1
17:00	77	53.0	44.7	8.1	0	0	3	1	22	13	19	8	11	0	0	0
18:00	90	50.6	44.3	6.1	0	0	0	3	17	36	19	10	4	1	0	0
19:00	54	51.8	44.4	7.1	0	0	0	3	14	14	11	6	6	0	0	0
20:00	23	55.5	46.2	8.9	0	0	0	4	2	4	4	4	5	0	0	0
21:00	18	48.6	42.9	6.4	0	0	0	3	3	8	1	3	0	0	0	0
22:00	12	54.1	45.2	8.6	0	0	0	1	2	4	2	2	0	1	0	0
23:00	7	49.5	43.2	6.1	0	0	0	1	1	1	4	0	0	0	0	0
Total																
2H(0-12)	86	50.2	40.8	9.1	0	1	4	14	29	15	7	10	2	3	0	0
2H(14-16)	127	52.5	44.4	7.8	0	0	3	12	8	44	45	9	2	3	0	0
12H(7-19)	780	54.4	45.5	8.6	1	3	12	38	118	191	116	101	159	28	1	2
24H(0-24)	886	54.3	45.5	8.5	1	3	12	55	140	225	109	118	74	30	1	2
AM Peak	08:00	05:00	05:00	05:00	08:00	07:00	10:00	10:00	10:00	08:00	08:00	07:00	08:00	08:00	09:00	00:00
	66	63.3	59.4	17.7	1	1	2	13	16	14	12	15	14	9	1	0
PM Peak	16:00	16:00	16:00	20:00	12:00	12:00	14:00	15:00	17:00	18:00	14:00	16:00	16:00	16:00	12:00	14:00
	104	55.7	47.3	8.9	0	0	3	7	22	35	34	17	11	4	0	1

360 TSL Ltd

Direction: Eastbound

29/04/2022																
Hour Beginning	Total Volume	ESD Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-40	Bin 5 40-50	Bin 6 50-60	Bin 7 60-70	Bin 8 70-80	Bin 9 80-90	Bin 10 90-99	Bin 11 100-119	Bin 12 >120
00:00	3	37.5	37.5	0.0	0	0	0	0	3	0	0	0	0	0	0	0
01:00	1	-	32.5	-	0	0	0	1	0	0	0	0	0	0	0	0
02:00	1	-	52.5	-	0	0	0	0	0	0	0	1	0	0	0	0
03:00	1	-	52.5	-	0	0	0	0	0	0	0	1	0	0	0	0
04:00	2	49.8	42.5	7.1	0	0	0	0	1	0	1	0	0	0	0	0
05:00	9	52.4	43.9	8.2	0	0	0	0	0	4	2	2	0	0	0	0
06:00	36	56.5	50.5	5.8	0	0	0	0	1	7	16	13	3	1	0	0
07:00	64	56.1	50.8	5.1	0	0	0	0	1	3	27	29	7	3	0	0
08:00	119	52.9	47.0	6.7	0	0	0	1	10	35	29	7	1	0	0	0
09:00	59	51.0	45.0	5.8	0	0	0	1	10	20	18	6	4	0	0	0
10:00	70	50.8	44.0	6.5	0	0	1	22	12	22	9	3	0	0	0	0
11:00	55	51.1	45.3	5.6	0	0	0	3	6	15	19	12	0	0	0	0
12:00	65	48.2	40.8	7.1	0	0	7	3	12	27	12	4	0	0	0	0
13:00	63	54.1	46.5	7.3	0	0	0	0	13	19	13	5	12	1	0	0
14:00	36	51.7	44.4	7.0	0	0	0	3	6	13	5	6	3	0	0	0
15:00	47	48.0	42.5	6.3	0	0	0	2	14	18	9	3	1	0	0	0
16:00	73	52.2	46.2	5.8	0	0	0	1	6	25	31	1	8	1	0	0
17:00	33	45.9	48.1	2.7	0	0	0	0	2	26	4	1	0	0	0	0
18:00	35	51.1	46.2	4.8	0	0	0	1	1	12	13	8	0	0	0	0
19:00	14	51.9	44.6	7.0	0	0	0	1	3	4	1	5	0	0	0	0
20:00	12	44.7	39.4	5.1	0	0	0	0	0	0	0	0	0	0	0	0
21:00	7	46.5	43.9	2.4	0	0	0	0	0	5	2	0	0	0	0	0
22:00	3	38.7	35.0	3.5	0	0	0	0	1	0	0	0	0	0	0	0
23:00	2	48.7	45.0	3.5	0	0	0	0	0	1	1	0	0	0	0	0
Total																
2H(0-12)	125	51.0	44.6	6.1	0	0	1	4	28	27	41	21	3	0	0	0
2H(14-16)	83	49.7	43.3	6.1	0	0	0	5	20	31	14	9	4	0	0	0
12H(7-19)	719	52.1	45.4	6.4	0	0	8	16	103	226	208	107	46	6	0	0
24H(0-24)	809	52.2	45.5	6.5	0	0	10	19	116	240	231	128	47	9	0	0
AM Peak	08:00	05:00	05:00	05:00	00:00	00:00	05:00	11:00	10:00	08:00	08:00	08:00	07:00	08:00	00:00	00:00
	119	56.5	51.5	8.2	0	0	5	3	22	36	35	29	7	3	0	0
PM Peak	16:00	13:00	13:00	12:00	12:00	13:00	13:00	12:00	15:00	13:00	16:00	18:00	13:00	13:00	12:00	14:00
	73	54.1	46.5	7.3	0	0	7	3	15	27	31	8	12	1	0	0

360 TSL Ltd

Direction: Total Flow

29/04/2022																
Hour Beginning	Total Volume	ESD Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-40	Bin 5 40-50	Bin 6 50-60	Bin 7 60-70	Bin 8 70-80	Bin 9 80-90	Bin 10 90-99	Bin 11 100-119	Bin 12 >120
00:00	5	50.6	40.5	9.7	0	0	0	1	0	0	0	0	1	0	0	0
01:00	1	-	32.5	-	0	0	0	0	0	0	0	0	0	0	0	0
02:00	2	52.5	52.5	0.0	0	0	0	0	0	0	0	2	0	0	0	0
03:00	1	-	52.5	-	0	0	0	0	0	0	0	0	1	0	0	0
04:00	2	49.8	42.5	7.1	0	0	0	0	0	0	1	0	0	0	0	0
05:00	13	58.2	48.7	10.2	0	0	1	0	0	4	2	2	3	1	0	0
06:00	41	55.9	48.9	5.8	0	0	0	0	1	5	17	14	1	0	0	0
07:00	91	57.4	50.4	6.7	0	1	0	1	3	5	11	18	10	4	0	0
08:00	185	56.2	47.8	8.1	1	1	0	2	16	50	47	37	21	10	0	0
09:00	95	55.4	47.0	8.1	0	0	0	1	15	35	20	11	8	6	1	0
10:00	122	51.0	42.7	8.0	0	0	3	14	38	19	26	15	4	3	0	0
11:00	99	50.9	45.5	7.2	0	1	4	15	24	22	15	1	0	0	0	0
12:00	106	49.7	42.1	7.3	0	0	9	6	14	39	26	12	0	0	0	0
13:00	139	53.7	46.5	6.9	0	0	0	3	21	39	38	16	20	2	0	0
14:00	121	52.2	44.3	7.5	0	0	3	8	15	42	39	10	4	1	0	0
15:00	89	50.5	43.5	6.7	0	0	0	9	15	33	20	8	2	2	0	0
16:00	177	54.3	46.9	7.2	0	0	0	0	20	51	57	18	10	5	0	0
17:00	110	51.4	44.2	6.9	0	0	3	1	24	39	23	9	11	0	0	0
18:00	125	50.9	44.8	5.8	0	0	0	4	18	48	32	18	4	0	0	0
19:00	68	51.8	44.5	7.0	0	0	0	4	17	18	12	11	6	0	0	0
20:00	35	52.6	43.9	8.4	0	0	1	4	6	11	4	4	5	0	0	0
21:00	25	48.3	42.5	5.6	0	0	0	3	1	13	1	0	0	0	0	0
22:00	14	52.9	43.8	8.8	0	0	0	2	3	4	2	2	0	1	0	0
23:00	9	49.3	45.6	5.5	0	0	0	1	1	2	1	0	0	0	0	0
Total	2110	51.0	44.0	7.0	0	1	5	18	57	43	48	31	5	3	0	0
2015-2016	210	51.4	44.0	7.2	0	1	0	17	57	45	59	18	6	3	0	1
2016-2017	533	50.5	43.8	7.6	0	1	20	54	211	212	117	38	20	8	0	0
2017-2018	1665	53.1	45.5	7.6	0	1	3	22	70	256	474	246	121	39	1	2
Ave	08:00	05:00	09:00	08:00	07:00	10:00	08:00	06:00	05:00	04:00	08:00	08:00	08:00	08:00	08:00	08:00
Vol	182	182	182	182	182	182	182	182	182	182	182	182	182	182	182	182
PMF	08:00	05:00	09:00	08:00	07:00	10:00	08:00	06:00	05:00	04:00	08:00	08:00	08:00	08:00	08:00	08:00
137	147	147	147	147	147	147	147	147	147	147	147	147	147	147	147	147



North Wales ATC 17, B5381 Roman Road

Direction: Westbound

30/04/2022																
Hour Beginning	Total Volume	ESD Percentile	Mean Average	Standard Deviation	Bin 1 10-20m	Bin 2 20-30m	Bin 3 30-40m	Bin 4 40-50m	Bin 5 50-60m	Bin 6 60-70m	Bin 7 70-80m	Bin 8 80-90m	Bin 9 90-100m	Bin 10 100-110m	Bin 11 110-120m	Bin 12 120-130m
00:00	9	51.8	42.2	9.2	0	0	0	0	0	0	0	0	0	0	0	0
01:00	1	-	47.5	-	0	0	0	0	0	0	1	0	0	0	0	0
02:00	2	65.1	47.5	0.0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
04:00	1	-	37.5	-	0	0	0	0	1	0	0	0	0	0	0	0
05:00	1	-	37.5	-	0	0	0	0	0	0	0	0	0	0	0	0
06:00	6	54.3	42.5	11.4	0	0	0	3	0	0	1	1	1	0	0	0
07:00	9	52.0	46.6	10.0	0	0	0	0	1	1	5	0	0	0	0	0
08:00	29	52.9	46.0	6.7	0	0	0	0	5	10	6	6	1	1	0	0
09:00	52	55.2	46.4	8.5	0	0	0	1	8	19	14	1	2	4	1	0
10:00	54	53.9	44.9	8.7	0	1	0	2	10	21	6	6	6	2	0	0
11:00	67	53.1	45.6	7.3	0	0	0	5	11	11	22	11	3	2	0	0
12:00	72	54.1	44.1	8.7	0	2	2	4	12	22	14	4	30	2	0	0
13:00	75	54.0	44.5	8.1	0	3	0	0	18	20	14	11	8	1	0	0
14:00	56	52.3	42.4	9.6	1	2	1	6	3	18	21	2	3	0	0	0
15:00	56	55.2	47.1	7.8	0	1	0	2	5	9	18	16	4	1	0	0
16:00	74	56.1	46.9	8.9	0	1	1	0	2	22	25	16	3	0	0	0
17:00	46	53.7	47.4	8.0	0	0	0	1	1	24	7	5	3	5	0	0
18:00	31	52.9	44.5	8.1	0	1	0	0	4	14	6	2	4	0	0	0
19:00	16	57.6	46.6	10.6	0	0	1	1	2	4	1	3	1	0	0	0
20:00	9	51.7	45.3	6.2	0	0	0	0	1	5	1	1	1	0	0	0
21:00	17	52.5	46.3	6.0	0	0	0	1	1	4	7	3	2	0	0	0
22:00	6	50.2	43.3	6.6	0	0	0	1	0	3	1	1	0	0	0	0
23:00	3	52.1	44.2	7.6	0	0	0	0	1	1	0	1	0	0	0	0
Total																
2H16-18	121	53.5	45.2	7.9	0	1	0	7	21	34	28	17	9	4	0	0
2H14-16	112	54.1	44.8	8.0	1	3	1	8	7	27	39	18	7	1	0	0
12H7-19	621	54.3	45.3	8.7	1	12	4	24	80	100	158	82	44	10	4	0
24H0-24	602	54.3	45.3	8.7	1	12	4	30	92	211	171	92	52	21	4	0
AM Peak	11:00	02:00	05:00	02:00	00:00	07:00	02:00	11:00	11:00	10:00	11:00	11:00	10:00	09:00	09:00	00:00
	67	65.1	57.5	23.0	0	1	1	5	11	21	22	11	6	4	1	0
PM Peak	13:00	19:00	17:00	19:00	14:00	13:00	12:00	14:00	13:00	17:00	16:00	15:00	12:00	17:00	16:00	12:00
	75	57.6	47.4	10.6	1	3	2	6	18	24	25	16	10	5	3	0

360 TSL Ltd

Direction: Eastbound

30/04/2022																
Hour Beginning	Total Volume	ESD Percentile	Mean Average	Standard Deviation	Bin 1 10-20m	Bin 2 20-30m	Bin 3 30-40m	Bin 4 40-50m	Bin 5 50-60m	Bin 6 60-70m	Bin 7 70-80m	Bin 8 80-90m	Bin 9 90-100m	Bin 10 100-110m	Bin 11 110-120m	Bin 12 120-130m
00:00	4	49.9	40.0	9.6	0	0	0	2	0	1	0	1	0	0	0	0
01:00	2	47.5	47.5	0.0	0	0	0	0	0	2	0	0	0	0	0	0
02:00	1	-	32.5	-	0	0	0	1	0	0	0	0	0	0	0	0
03:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
04:00	1	-	37.5	-	0	0	0	0	1	0	0	0	0	0	0	0
05:00	3	51.5	42.5	8.7	0	0	0	1	0	0	2	0	0	0	0	0
06:00	6	52.1	45.0	6.9	0	0	0	0	1	3	1	0	1	0	0	0
07:00	26	53.8	47.7	5.9	0	0	0	0	3	5	9	6	3	0	0	0
08:00	33	57.0	49.2	7.5	0	0	1	1	2	1	10	44	3	1	0	0
09:00	42	46.4	41.1	5.1	0	0	1	1	16	16	6	2	0	0	0	0
10:00	49	46.9	44.0	5.7	0	0	1	6	22	14	13	0	0	0	0	0
11:00	62	53.2	45.3	7.7	0	0	1	1	8	29	11	5	3	4	0	0
12:00	30	48.3	42.4	5.7	0	0	1	1	4	18	4	1	1	0	0	0
13:00	31	50.1	45.1	6.8	0	1	0	1	14	10	2	0	0	0	0	0
14:00	41	49.5	42.4	7.8	0	0	1	5	16	8	5	4	1	1	0	0
15:00	44	52.1	45.1	8.7	0	1	1	2	14	5	13	6	1	0	0	0
16:00	46	58.0	47.0	10.6	0	1	0	1	8	13	8	7	2	5	1	0
17:00	58	54.3	46.6	7.5	0	0	1	9	5	28	6	6	12	1	0	0
18:00	63	52.5	45.7	7.5	0	0	0	10	14	17	4	30	7	1	0	0
19:00	25	52.9	44.9	6.8	0	0	0	1	8	2	6	8	0	0	0	0
20:00	12	50.9	43.3	7.3	0	0	0	3	3	7	1	0	0	0	0	0
21:00	7	54.5	42.4	12.6	0	0	0	3	2	0	0	1	0	1	0	0
22:00	12	53.9	47.5	5.6	0	0	0	0	0	1	4	1	0	0	0	0
23:00	2	75.0	75.0	0.0	0	0	0	0	0	0	0	0	0	0	2	0
Total																
2H16-18	111	51.8	44.7	6.9	0	0	2	2	14	51	25	8	5	4	0	0
2H14-16	46	50.9	42.3	8.3	0	1	2	7	30	13	18	30	2	2	0	0
12H7-19	525	52.7	44.5	7.9	0	3	8	24	99	176	100	66	34	14	1	0
24H0-24	600	52.9	44.6	8.0	0	3	8	30	112	186	119	81	36	15	3	0
AM Peak	11:00	08:00	08:00	00:00	00:00	00:00	08:00	00:00	09:00	11:00	10:00	08:00	07:00	11:00	00:00	00:00
	62	57.0	49.2	9.6	0	0	1	2	16	29	14	34	3	4	0	0
PM Peak	18:00	23:00	23:00	21:00	13:00	13:00	12:00	18:00	14:00	17:00	15:00	18:00	17:00	16:00	23:00	18:00
	63	75.0	75.0	12.6	0	1	1	10	16	28	13	20	11	5	2	0

360 TSL Ltd

Direction: Total Flow

Hour	Total Volume	ESD Percentile	Mean Average	Standard Deviation	Bin 1 10-20m	Bin 2 20-30m	Bin 3 30-40m	Bin 4 40-50m	Bin 5 50-60m	Bin 6 60-70m	Bin 7 70-80m	Bin 8 80-90m	Bin 9 90-100m	Bin 10 100-110m	Bin 11 110-120m	Bin 12 120-130m
00:00	13	50.9	41.5	9.0	0	0	0	2	6	2	1	1	0	1	0	0
01:00	3	47.5	47.5	0.0	0	0	0	0	0	3	0	0	0	0	0	0
02:00	3	56.1	38.3	17.0	0	0	1	1	0	0	0	0	0	1	0	0
03:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
04:00	2	57.5	37.5	0.0	0	0	0	0	0	2	0	0	0	0	0	0
05:00	4	56.9	46.3	10.3	0	0	0	1	0	0	2	0	1	0	0	0
06:00	12	51.2	48.8	8.1	0	0	0	3	1	3	2	1	2	0	0	0
07:00	35	54.2	45.9	8.0	0	1	0	1	4	6	14	6	3	0	0	0
08:00	62	55.2	47.7	7.3	0	0	1	1	7	11	16	20	4	2	0	0
09:00	94	52.0	46.0	7.6	0	0	1	2	24	35	20	5	2	4	1	0
10:00	103	52.1	44.4	7.4	0	1	1	3	16	43	20	9	8	2	0	0
11:00	129	52.1	45.4	7.4	0	0	1	6	25	42	23	16	6	6	0	0
12:00	102	52.6	43.6	8.7	0	2	3	5	16	40	18	5	11	2	0	0
13:00	106	52.9	44.1	8.5	0	4	0	1	21	34	24	13	8	1	0	0
14:00	97	51.1	42.0	8.8	1	2	2	11	18	16	26	6	4	1	0	0
15:00	100	54.1	45.4	8.4	0	2	1	4	19	14	31	22	5	2	0	0
16:00	120	56.8	46.9	9.6	0	2	1	3	12	35	33	23	2	6	4	0
17:00	104	54.9	46.9	7.7	0	0	1	1	6	52	13	11	34	6	0	0
18:00	94	52.6	46.0	8.3	0	1	0	10	18	31	10	12	11	0	0	0
19:00	41	54.3	45.5	8.4	0	0	1	2	10	6	7	11	3	1	0	0
20:00	21	51.2	44.2	6.8	0	0	0	3	2	5	8	2	1	0	0	0
21:00	24	53.7	44.9	8.5	0	0	0	4	3	7	4	1	1	0	0	0
22:00	18	52.5	46.1	6.1	0	0	0	1	0	9	2	5	1	0	0	0
23:00	5	74.9	74.9	17.7	0	0	0	0	1	1	0	1	0	0	0	0
Total																
232	52.7	45.0	7.4	0	1	2	9	35	85	53	25	14	8	0	0	0
2954.14	52.7	45.0	7.4	0	1	4	3	15	37	40	57	28	9	0	0	0
2954.14	53.6	43.0	8.3	0	15	12	48	175	204	398	268	188	33	13	0	0
2400.24	129.2	53.6	45.0	8.4	1	15	14	65	204	398	268	173	88	36	7	0
PM Peak	11:00	05:00	08:00	00:00	00:00	07:00	02:00	11:00	00:00	11:00	08:00	11:00	09:00	00:00	00:00	12:00
	129	56.3	47.7	17.0	0	1	1	6	24	43	33	20	8	6	1	0
PM Peak	16:00	23:00	23:00	23:00	14:00	13:00	15:00	14:00	13:00	17:00	16:00	17:00	16:00	16:00	16:00	12:00
	102	74.3	21.1	21.1	21	21	21	21	21	21	21	21	21	21	21	21



North Wales ATC 17, B5381 Roman Road

Direction: Westbound

01/05/2022															
Hour Beginning	Total Volume	ESD Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-40	Bin 5 40-50	Bin 6 50-60	Bin 7 60-70	Bin 8 70-80	Bin 9 80-90	Bin 10 90-99	Bin 12 >=100
00:00	3	52.1	40.2	2.9	0	0	0	0	0	0	0	0	0	0	0
01:00	4	54.0	46.3	7.5	0	0	0	0	0	3	0	0	1	0	0
02:00	1	-	32.5	-	0	0	0	0	0	0	0	0	0	0	0
03:00	1	-	57.5	-	0	0	0	0	0	0	0	0	1	0	0
04:00	5	37.5	37.5	0.0	0	0	0	0	5	0	0	0	0	0	0
05:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0
06:00	5	59.2	53.5	5.5	0	0	0	0	0	2	0	3	0	0	0
07:00	20	56.5	49.6	6.7	0	0	0	0	0	7	3	6	3	0	0
08:00	8	48.7	42.5	6.0	0	0	0	1	1	4	1	1	0	0	0
09:00	15	57.0	47.6	9.1	0	1	0	0	1	14	4	11	1	0	0
10:00	46	60.5	50.0	10.1	0	2	0	1	2	3	11	11	14	2	0
11:00	41	50.1	43.6	6.3	0	0	0	4	9	9	12	7	0	0	0
12:00	45	48.6	40.9	7.4	0	1	1	4	12	18	4	4	1	0	0
13:00	62	50.5	43.3	7.0	0	0	3	7	8	5	36	3	0	0	0
14:00	47	55.5	44.4	10.8	0	2	1	2	3	21	11	1	2	3	1
15:00	56	52.9	43.6	8.9	0	0	0	7	16	13	9	6	2	2	1
16:00	35	54.4	47.1	7.1	0	0	0	1	6	7	7	0	0	0	0
17:00	21	58.1	46.3	9.5	0	1	0	0	1	4	2	10	3	0	0
18:00	17	53.6	45.9	7.4	0	0	1	0	1	4	8	1	2	0	0
19:00	35	61.0	52.9	8.8	0	0	0	1	2	7	6	10	1	1	0
20:00	24	52.6	47.1	5.3	0	0	0	0	1	10	4	8	1	0	0
21:00	6	44.8	33.3	11.0	0	1	1	0	2	2	0	0	0	0	0
22:00	2	59.8	52.5	7.1	0	0	0	0	0	0	1	0	1	0	0
23:00	3	51.8	45.8	5.8	0	0	0	0	0	2	0	1	0	0	0
Total	87	56.4	47.0	9.1	0	2	0	5	11	12	23	18	14	2	0
2H(14-16)	103	54.1	44.0	9.8	0	2	1	9	19	34	20	7	4	5	2
12H(7-19)	433	54.3	45.2	8.7	0	7	6	27	60	100	108	70	13	11	2
24H(0-24)	522	54.5	45.7	8.8	0	8	7	29	70	133	119	86	55	12	3
AM Peak	10:00	10:00	03:00	10:00	00:00	10:00	00:00	11:00	11:00	09:00	11:00	09:00	10:00	09:00	00:00
	46	60.5	57.5	10.1	0	2	0	4	9	14	12	11	14	3	0
PM Peak	13:00	19:00	22:00	21:00	12:00	14:00	13:00	13:00	15:00	14:00	13:00	17:00	19:00	14:00	12:00
	62	51.0	52.5	11.0	0	2	3	7	16	21	36	10	15	3	1

360 TSL Ltd

Direction: Eastbound

01/05/2022															
Hour Beginning	Total Volume	ESD Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-40	Bin 5 40-50	Bin 6 50-60	Bin 7 60-70	Bin 8 70-80	Bin 9 80-90	Bin 10 90-99	Bin 12 >=100
00:00	2	37.5	37.5	0.0	0	0	0	0	2	0	0	0	0	0	0
01:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0
02:00	1	-	52.5	-	0	0	0	0	0	0	0	1	0	0	0
03:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0
04:00	4	49.0	41.3	7.5	0	0	0	0	3	0	0	1	0	0	0
05:00	4	43.0	46.0	2.9	0	0	0	0	2	2	0	0	0	0	0
06:00	5	50.3	43.5	6.5	0	0	0	1	0	1	0	0	0	0	0
07:00	20	52.1	46.8	5.2	0	0	0	0	0	11	2	6	1	0	0
08:00	16	57.6	50.5	6.8	0	0	0	0	0	6	4	3	1	0	0
09:00	32	50.7	43.5	6.9	0	1	0	1	3	13	11	3	0	0	0
10:00	52	50.7	42.9	7.7	0	1	0	1	11	25	15	4	0	0	0
11:00	60	51.2	43.8	7.2	0	1	0	2	11	23	16	3	3	1	0
12:00	67	51.1	43.8	7.0	0	1	1	1	16	16	20	11	1	0	0
13:00	63	49.6	43.3	6.2	0	0	1	1	18	23	8	11	1	0	0
14:00	49	52.3	42.3	9.7	0	3	0	1	15	12	8	8	1	1	0
15:00	59	49.4	41.5	6.8	0	1	2	26	6	18	2	1	0	0	0
16:00	58	48.9	43.4	5.3	0	0	0	3	10	27	11	6	1	0	0
17:00	36	54.1	44.4	8.9	0	0	0	3	7	16	1	4	0	0	0
18:00	33	50.3	44.4	5.7	0	0	1	2	13	12	4	0	0	0	0
19:00	24	48.1	41.1	6.7	0	0	1	1	11	4	4	3	0	0	0
20:00	17	53.1	45.7	7.1	0	0	0	0	4	7	0	3	0	0	0
21:00	19	53.6	47.8	5.6	0	0	0	1	1	1	10	5	1	0	0
22:00	1	-	47.5	-	0	0	0	0	0	0	0	0	0	0	0
23:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0
Total	112	51.0	43.3	7.4	0	2	0	3	24	48	22	7	4	1	1
2H(14-16)	108	50.3	41.8	8.2	0	4	1	3	41	20	26	10	2	1	0
12H(7-19)	547	51.1	43.6	7.2	0	8	4	16	122	189	121	65	14	7	1
24H(0-24)	624	51.1	43.6	7.2	0	8	5	20	146	199	142	82	15	7	1
AM Peak	11:00	08:00	02:00	10:00	00:00	09:00	00:00	11:00	10:00	10:00	11:00	07:00	08:00	08:00	00:00
	40	57.6	52.5	12.7	0	1	0	2	19	29	16	8	3	1	0
PM Peak	13:00	17:00	21:00	14:00	12:00	14:00	13:00	15:00	15:00	16:00	13:00	12:00	17:00	12:00	12:00
	67	54.1	47.8	9.7	0	3	1	3	26	27	20	11	1	4	0

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	ESD Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-40	Bin 5 40-50	Bin 6 50-60	Bin 7 60-70	Bin 8 70-80	Bin 9 80-90	Bin 10 90-99	Bin 12 >=100
00:00	5	51.5	44.5	6.7	0	0	0	0	2	0	2	1	0	0	0
01:00	4	54.0	46.3	7.5	0	0	0	0	0	3	0	0	1	0	0
02:00	2	57.2	42.5	14.1	0	0	0	0	0	0	0	1	0	0	0
03:00	1	-	57.5	-	0	0	0	0	0	0	0	0	1	0	0
04:00	9	44.3	39.2	5.0	0	0	0	0	0	0	0	1	0	0	0
05:00	4	43.0	40.0	2.9	0	0	0	0	2	2	0	0	0	0	0
06:00	10	46.5	46.5	2.7	0	0	0	1	0	5	0	0	0	0	0
07:00	40	54.5	48.2	6.1	0	0	0	0	0	18	5	12	4	0	0
08:00	24	55.6	47.8	7.5	0	0	0	1	2	6	5	3	1	0	0
09:00	67	54.5	45.7	8.3	0	2	0	1	4	27	15	14	1	3	0
10:00	98	56.1	46.2	9.6	0	3	0	2	15	28	17	15	15	2	1
11:00	101	50.7	45.7	6.8	0	1	0	6	20	32	28	10	3	1	0
12:00	112	50.2	42.7	7.3	0	2	2	5	28	34	24	15	2	0	0
13:00	125	50.1	42.3	6.6	0	4	4	8	26	28	44	14	1	0	0
14:00	96	53.9	43.3	10.2	0	5	1	3	18	33	19	9	4	1	0
15:00	115	50.7	42.4	8.0	0	1	1	9	42	21	27	8	3	2	1
16:00	93	51.3	44.8	6.3	0	0	0	4	34	18	15	6	0	0	0
17:00	59	55.6	46.1	9.2	0	1	0	3	8	20	6	13	4	4	0
18:00	50	51.4	46.9	6.3	0	0	0	2	1	11	17	10	1	0	0
19:00	59	57.5	47.5	9.6	0	0	1	2	13	11	6	9	15	1	1
20:00	41	52.8	46.5	6.0	0	0	0	1	5	12	7	15	1	0	0
21:00	25	54.1	44.3	9.4	0	1	1	1	1	1	0	1	1	0	0
22:00	3	56.8	50.8	5.8	0	0	0	0	0	0	2	0	1	0	0
23:00	1	51.8	45.8	5.8	0	0	0	0	0	2	0	1	0	0	0
Total	1099	53.6	44.9	8.3	0	4	0	8	35	60	45	25	18	3	1
2H(14-16)	211	52.2	42.8	9.0	0	6	2	12	60	54	46	17	6	6	2
12H(7-19)	980	52.6	44.3	8.0	0	15	10	43	182	298	229	135	47	18	3
24H(0-24)	1146	52.9	44.6	8.0	0	16	12	49	215	332	261	168	70	19	4
AM Peak	11:00	02:00	03:00	02:00	00:00	10:00	00:00	11:00	11:00	10:00	10:00	10:00	09:00	10:00	00:00
	101	57.2	57.5	14.1	0	3	0	6	20	32	28	15	15	3	1
PM Peak	13:00	19:00	22:00	14:00	12:00	14:00	13:00	15:00	16:00	12:30	13:30	23:00	19:00	14:00	14:00
	125	50.1	42.3	6.6	0	4	4	8	26	28	44	14	1	0	0



North Wales ATC 17, B5381 Roman Road

02/05/2022																								
Hour Beginning	Total Volume	ESD Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-40	Bin 5 40-50	Bin 6 50-60	Bin 7 60-70	Bin 8 70-80	Bin 9 80-90	Bin 10 90-95	Bin 11 95-99	Bin 12 >99								
00:00	5	52.1	45.5	2.7	0	0	0	0	0	0	0	0	0	0	0	0								
01:00	1	-	42.5	-	0	0	0	0	0	1	0	0	0	0	0	0								
02:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0								
03:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0								
04:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0								
05:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0								
06:00	6	60.1	55.8	4.1	0	0	0	0	0	0	1	0	5	0	0	0								
07:00	7	53.1	46.8	6.1	0	0	0	0	0	4	1	1	1	0	0	0								
08:00	12	42.6	37.9	4.5	0	0	0	0	4	3	5	0	0	0	0	0								
09:00	10	55.6	45.8	9.5	0	1	0	0	1	17	4	1	1	0	0	0								
10:00	61	60.6	52.9	7.5	0	1	0	1	1	1	7	28	18	4	0	0								
11:00	45	50.3	43.3	6.7	0	0	0	4	15	6	10	10	0	0	0	0								
12:00	41	50.1	45.6	8.2	0	1	1	3	12	13	4	5	2	0	0	0								
13:00	59	49.5	41.9	7.3	0	0	1	17	3	9	26	2	1	0	0	0								
14:00	42	54.5	43.3	8.9	0	2	1	4	3	17	8	1	3	0	0	0								
15:00	62	54.2	44.8	9.1	0	0	0	9	12	16	6	11	4	4	0	0								
16:00	34	54.4	47.4	8.9	0	0	0	1	3	11	5	9	0	0	0	0								
17:00	29	59.3	47.7	11.2	0	2	0	0	1	7	3	12	2	2	0	0								
18:00	11	50.9	43.6	7.0	0	0	1	0	1	2	7	0	0	0	0	0								
19:00	30	58.1	50.5	7.4	0	0	0	1	2	5	3	8	11	0	0	0								
20:00	15	53.6	46.5	6.9	0	0	0	1	1	5	2	5	1	0	0	0								
21:00	10	45.4	36.0	9.1	0	1	1	0	4	4	0	0	0	0	0	0								
22:00	4	55.2	50.0	5.0	0	0	0	0	0	0	3	0	1	0	0	0								
23:00	4	50.2	45.0	5.0	0	0	0	0	0	3	0	1	0	0	0	0								
Total																								
2H(16-18)	106	57.7	48.8	8.6	0	1	0	5	16	7	17	38	18	4	0	0								
2H(14-16)	104	54.3	44.2	9.8	0	2	1	13	15	33	14	12	7	7	0	0								
12H(7-19)	433	54.6	46.2	9.1	0	7	4	48	55	108	81	82	10	16	0	0								
24H(0-24)	508	54.9	45.6	9.0	0	8	5	45	62	126	93	98	15	16	0	0								
AM Peak	10:00	10:00	06:00	09:00	00:00	09:00	00:00	08:00	11:00	09:00	11:00	10:00	10:00	10:00	00:00	00:00								
	61	60.6	55.8	9.5	0	1	0	4	15	17	10	28	18	4	0	0								
PM Peak	15:00	17:00	19:00	17:00	12:00	14:00	12:00	13:00	12:00	14:00	13:00	17:00	19:00	15:00	12:00	12:00								
	62	59.3	50.5	11.2	0	2	1	17	12	17	26	12	11	4	0	0								

360 TSL Ltd

Direction: Eastbound

Hour Beginning	Total Volume	ESD Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-40	Bin 5 40-50	Bin 6 50-60	Bin 7 60-70	Bin 8 70-80	Bin 9 80-90	Bin 10 90-95	Bin 11 95-99	Bin 12 >99								
00:00	2	37.5	37.5	0.0	0	0	0	0	2	0	0	0	0	0	0	0								
01:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0								
02:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0								
03:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0								
04:00	3	37.5	37.5	0.0	0	0	0	0	3	0	0	0	0	0	0	0								
05:00	3	52.1	44.2	7.6	0	0	0	0	1	3	0	0	0	0	0	0								
06:00	8	50.5	45.0	5.3	0	0	0	1	0	1	6	0	0	0	0	0								
07:00	23	50.0	45.3	4.5	0	0	0	0	0	16	1	6	0	0	0	0								
08:00	21	55.0	49.4	5.4	0	0	0	0	0	5	5	1	13	1	0	0								
09:00	27	51.4	43.5	7.6	0	1	0	1	4	7	11	3	0	0	0	0								
10:00	51	47.6	41.5	6.0	0	1	0	1	15	27	3	15	1	0	0	0								
11:00	66	49.9	43.4	6.3	0	1	0	1	12	31	12	7	2	0	0	0								
12:00	61	49.3	42.1	6.9	0	1	2	2	13	25	11	7	0	0	0	0								
13:00	66	49.2	42.9	6.1	0	0	1	1	21	24	7	11	1	0	0	0								
14:00	53	49.0	40.6	8.1	0	2	0	5	24	4	11	7	0	0	0	0								
15:00	54	49.1	42.1	6.7	0	1	1	1	17	14	16	4	0	0	0	0								
16:00	51	50.2	43.4	6.6	0	0	0	5	9	21	8	4	4	0	0	0								
17:00	20	52.2	45.4	8.5	0	0	0	2	11	8	1	2	0	0	0	0								
18:00	40	50.8	45.2	5.4	0	0	1	2	12	19	5	0	0	0	0	0								
19:00	25	46.3	40.0	6.0	0	0	1	1	15	3	6	1	0	0	0	0								
20:00	16	51.8	44.1	7.5	0	0	0	3	3	4	0	0	0	0	0	0								
21:00	16	53.9	47.8	5.9	0	0	0	1	1	1	6	7	0	0	0	0								
22:00	5	47.5	45.5	6.0	0	0	0	0	0	0	1	0	0	0	0	0								
23:00	2	56.5	45.0	10.6	0	0	0	0	1	0	0	1	0	0	0	0								
Total																								
2H(16-18)	117	49.0	42.6	6.2	0	2	0	2	27	58	15	10	3	0	0	0								
2H(14-16)	107	49.1	41.4	7.4	0	3	1	6	41	18	27	11	0	0	0	0								
12H(7-19)	542	50.1	43.1	6.8	0	7	5	20	129	194	102	79	10	2	0	0								
24H(0-24)	622	50.2	43.1	6.8	0	7	6	26	154	200	130	87	10	2	0	0								
AM Peak	11:00	08:00	08:00	05:00	00:00	09:00	00:00	06:00	10:00	11:00	11:00	08:00	11:00	00:00	00:00	00:00								
	46	55.6	49.4	7.6	0	1	0	1	19	31	12	33	2	0	0	0								
PM Peak	13:00	22:00	21:00	23:00	12:00	14:00	12:00	14:00	14:00	13:00	18:00	13:00	16:00	17:00	12:00	12:00								
	66	56.0	47.8	10.6	0	2	2	5	26	25	19	11	4	2	0	0								

360 TSL Ltd

Direction: Total Flow

Hour	Total Volume	ESD Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-40	Bin 5 40-50	Bin 6 50-60	Bin 7 60-70	Bin 8 70-80	Bin 9 80-90	Bin 10 90-95	Bin 11 95-99	Bin 12 >99
00:00	7	52.6	46.1	6.3	0	0	0	0	2	0	3	2	0	0	0	0
01:00	1	-	42.5	-	0	0	0	0	0	1	0	0	0	0	0	0
02:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
04:00	3	37.5	37.5	0.0	0	0	0	0	3	0	0	0	0	0	0	0
05:00	3	52.1	44.2	7.6	0	0	0	0	1	1	0	1	0	0	0	0
06:00	14	57.2	48.6	7.3	0	0	0	0	0	1	7	0	0	0	0	0
07:00	30	50.7	48.7	4.8	0	0	0	0	0	20	7	0	0	0	0	0
08:00	130	53.0	45.2	7.5	0	0	0	4	4	10	1	13	1	0	0	0
09:00	67	52.7	46.5	7.2	0	0	1	5	5	24	15	3	3	0	0	0
10:00	112	56.6	47.7	8.9	0	2	0	5	27	16	28	10	31	19	4	0
11:00	161	56.8	48.4	6.4	1	2	0	10	32	27	38	15	31	19	4	0
12:00	100	46.0	45.9	7.4	2	2	3	5	25	38	15	12	2	0	0	0
13:00	125	49.4	42.4	6.7	0	0	2	18	24	33	33	13	3	1	0	0
14:00	95	54.8	54.4	4.4	0	1	9	27	21	38	15	3	1	0	0	0
15:00	116	52.0	43.5	6.1	0	1	1	10	29	29	30	22	15	4	4	0
16:00	69	52.0	45.0	6.9	0	0	0	5	12	32	13	3	0	0	0	0
17:00	58	56.0	45.5	10.1	0	2	0	2	12	15	5	15	3	8	0	0
18:00	10	56.0	45.5	10.1	0	2	0	2	12	15	5	15	3	8	0	0
19:00	15	54.4	45.7	6.8	0	0	1	2	17	4	14	26	5	0	11	0
20:00	31	52.7	42.2	9.2	0	0	0	4	3	7	7	9	1	0	0	0
21:00	26	52.8	43.2	8.2	0	1	1	1	5	6	6	6	0	0	0	0
22:00	9	52.1	48.6	7.3	0	0	0	0	0	0	8	0	0	0	0	0
23:00	6	53.3	45.0	6.1	0	0	0	0	1	3	0	2	0	0	0	0
Total	231	53.9	45.5	8.0	0	3	0	7	43	65	32	48	21	4	0	0
2PM-3:15	211	51.8	42.8	8.8	0	5	2	19	56	51	41	23	7	7	0	0
3PM-4:15	975	50.1	44.4	8.0	0	14	9	63	182	302	188	143	18	18	0	0
4PM-5:15	1130	52.5	44.2	8.0	0	15	11	71	216	326	223	185	65	18	0	0
AMPH 24H	2020	60.00	49.00	8.00	00:00	00:00	00:00	00:00	00:00	00:00	00:00	00:00	00:00	00:00	00:00	00:00
	112	57.2	48.6	6.9	0	2	0	5	27	37	22	31	19	4	0	0
PM PH 24H	1130	17.00	22.00	17.00	12:00	14:00	14:00	12:00	13:00	15:00	12:00	13:00	15:00	12:00	12:00	12:00
	164	56.8	48.4	6.4	1	2	0	10	32	27	38	15	19	4	0	0



North Wales ATC 17, B5381 Roman Road

Direction: Westbound

09/05/2022															
Hour Beginning	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-40	Bin 5 40-50	Bin 6 50-60	Bin 7 60-70	Bin 8 70-80	Bin 9 80-90	Bin 10 90-100	Bin 12 >100
00:00	2	52.5	32.5	0.0	0	0	0	0	0	0	0	0	0	0	0
01:00	2	52.5	52.5	0.0	0	0	0	0	0	0	0	2	0	0	0
02:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0
03:00	1	-	47.5	-	0	0	0	0	0	0	1	0	0	0	0
04:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0
05:00	2	54.8	47.5	7.1	0	0	0	0	0	1	0	1	0	0	2
06:00	11	53.4	47.0	6.1	0	0	0	0	2	2	2	5	0	0	0
07:00	13	53.1	43.4	8.4	1	0	0	0	1	4	3	11	3	0	0
08:00	79	54.2	46.0	7.9	0	0	1	1	19	19	13	14	30	2	0
09:00	48	57.6	48.5	8.7	0	0	1	3	2	6	13	20	1	0	0
10:00	35	52.5	45.6	6.7	0	0	0	1	4	17	2	7	4	0	0
11:00	27	47.7	40.1	7.4	0	1	1	1	9	8	7	0	0	0	0
12:00	62	49.6	41.1	6.3	0	0	0	6	15	17	17	4	3	0	0
13:00	43	49.5	41.2	8.0	0	0	0	14	8	6	6	8	1	0	0
14:00	44	52.4	45.8	7.4	0	1	0	3	3	19	14	2	1	1	0
15:00	56	53.3	47.3	5.8	0	0	0	1	5	14	14	19	3	0	0
16:00	61	50.0	52.3	8.5	0	0	0	0	5	14	7	34	3	0	0
17:00	113	50.2	47.5	8.4	1	1	1	13	17	34	28	15	2	0	0
18:00	52	57.1	47.5	9.2	0	0	0	0	9	18	8	6	8	2	0
19:00	22	53.3	39.3	13.5	0	4	0	1	4	6	2	3	2	0	0
20:00	17	57.7	49.0	8.4	0	0	0	0	3	2	5	4	1	2	0
21:00	20	54.1	47.8	6.2	0	0	0	1	1	4	5	8	2	0	0
22:00	9	65.6	54.2	11.0	0	0	0	0	1	1	2	1	0	4	0
23:00	5	43.2	35.5	12.3	0	0	4	0	0	0	0	1	0	0	0
Total															
2H(0-12)	42	50.9	43.2	7.4	0	1	1	2	13	25	9	7	4	0	0
2H(14-16)	100	52.7	45.8	6.7	0	1	0	4	8	33	28	21	4	1	0
12H(7-19)	643	54.7	46.1	8.3	2	3	4	32	96	158	146	125	58	2	1
24H(0-24)	784	55.0	46.0	8.7	2	7	8	36	107	174	163	150	62	22	1
AM Peak	08:00	09:00	01:00	07:00	07:00	11:00	08:00	09:00	08:00	08:00	08:00	09:00	08:00	09:00	00:00
	79	57.6	52.5	9.4	1	1	1	3	19	19	13	20	10	2	0
PM Peak	17:00	22:00	22:00	19:00	17:00	19:00	23:00	13:00	12:00	14:00	17:00	17:00	17:00	16:00	12:00
	113	55.6	54.2	13.5	1	4	4	14	15	19	34	28	15	9	0

360 TSL Ltd

Direction: Eastbound

09/05/2022															
Hour Beginning	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-40	Bin 5 40-50	Bin 6 50-60	Bin 7 60-70	Bin 8 70-80	Bin 9 80-90	Bin 10 90-100	Bin 12 >100
00:00	1	-	52.5	-	0	0	0	0	0	0	0	1	0	0	0
01:00	3	47.2	44.2	2.9	0	0	0	0	0	0	2	1	0	0	0
02:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0
03:00	2	37.5	32.5	0.0	0	0	0	0	0	0	0	0	0	0	0
04:00	1	-	37.5	-	0	0	0	0	1	0	0	0	0	0	0
05:00	13	58.7	50.0	8.4	0	0	0	1	1	7	8	1	0	0	0
06:00	32	54.6	50.8	3.7	0	0	0	0	0	1	13	14	4	0	0
07:00	82	53.4	48.8	4.4	0	0	0	1	1	12	31	35	2	0	0
08:00	205	53.6	47.8	5.6	0	0	0	1	41	71	29	12	0	0	0
09:00	80	49.3	43.3	5.9	0	0	1	2	18	34	16	5	4	0	0
10:00	34	46.4	42.1	6.1	0	0	0	4	9	12	4	5	0	0	0
11:00	38	46.4	39.8	6.4	0	1	10	6	14	5	2	0	0	0	0
12:00	60	55.8	48.3	7.3	0	0	1	0	2	15	25	9	3	5	0
13:00	53	51.1	42.1	8.7	0	1	2	7	15	14	1	0	1	1	0
14:00	60	50.4	44.5	5.7	0	0	2	2	3	20	29	3	1	0	0
15:00	58	52.1	44.6	7.0	0	0	1	0	1	5	12	15	5	1	0
16:00	66	52.8	44.3	8.2	0	0	0	7	18	15	6	10	10	0	0
17:00	54	51.2	44.3	8.7	0	0	2	0	12	14	16	8	2	0	0
18:00	20	56.4	48.6	7.5	0	0	1	0	1	7	5	9	2	0	0
19:00	8	59.8	47.8	11.5	0	0	0	2	0	5	1	2	1	1	0
20:00	8	49.9	46.3	3.5	0	0	0	0	0	7	0	0	0	0	0
21:00	7	46.2	40.4	5.7	0	0	0	1	3	1	2	0	0	0	0
22:00	6	49.3	45.0	4.3	0	0	0	0	1	1	0	1	1	0	0
23:00	3	52.5	42.5	10.0	0	0	0	1	0	1	0	1	0	0	0
Total															
2H(0-12)	72	47.4	40.9	6.3	0	0	1	14	15	26	9	7	0	0	0
2H(14-16)	98	51.0	44.6	6.2	0	1	2	3	6	32	44	8	2	0	0
12H(7-19)	690	52.5	45.2	7.0	0	2	10	30	89	207	187	121	37	6	1
24H(0-24)	774	52.6	45.5	7.1	0	2	10	37	95	218	213	147	43	6	1
AM Peak	08:00	05:00	00:00	05:00	00:00	00:00	09:00	11:00	09:00	08:00	07:00	07:00	08:00	05:00	00:00
	195	58.7	52.5	8.4	0	0	1	10	18	41	31	30	12	1	0
PM Peak	16:00	19:00	19:00	16:00	13:00	13:00	19:00	16:00	16:00	14:00	16:00	16:00	12:00	13:00	12:00
	66	58.8	48.6	11.5	0	1	2	7	18	29	29	10	10	5	0

360 TSL Ltd

Direction: Total Flow

09/05/2022															
Hour Beginning	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-40	Bin 5 40-50	Bin 6 50-60	Bin 7 60-70	Bin 8 70-80	Bin 9 80-90	Bin 10 90-100	Bin 12 >100
00:00	3	51.1	39.2	11.5	0	0	0	2	0	0	0	1	0	0	0
01:00	5	52.7	47.5	5.0	0	0	0	0	0	2	1	2	0	0	0
02:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0
03:00	3	46.5	37.5	8.7	0	0	0	2	0	0	1	0	0	0	0
04:00	1	-	37.5	-	0	0	0	0	0	1	0	0	0	0	0
05:00	15	58.0	49.7	8.1	0	0	0	1	1	2	1	8	1	1	0
06:00	43	54.7	47.6	4.7	0	0	0	0	2	3	15	19	4	0	0
07:00	105	54.1	47.6	4.7	1	1	5	0	15	42	38	2	0	0	0
08:00	184	54.0	47.1	6.7	0	0	1	2	20	60	34	43	22	2	0
09:00	128	53.0	45.2	7.5	0	0	2	5	20	50	29	5	5	0	0
10:00	69	50.7	43.9	6.6	0	0	0	5	13	29	6	12	4	0	0
11:00	65	46.9	38.9	6.7	0	1	2	11	15	22	12	1	0	0	0
12:00	122	53.1	45.6	7.3	0	0	1	6	17	32	42	13	6	5	0
13:00	96	50.4	42.7	8.4	0	1	2	16	23	22	20	9	1	1	0
14:00	104	50.8	44.2	6.4	1	2	5	6	39	43	5	2	1	0	0
15:00	94	52.9	46.3	8.0	0	1	0	2	8	26	29	24	4	0	0
16:00	127	56.9	47.6	9.0	0	0	0	7	23	49	13	34	12	9	0
17:00	167	54.8	46.5	8.0	1	1	3	1	25	31	50	36	17	2	0
18:00	72	56.9	47.8	8.7	0	0	0	1	8	10	13	15	10	3	0
19:00	30	55.4	41.6	13.3	0	4	0	3	4	7	3	5	3	1	0
20:00	25	55.6	48.1	7.2	0	0	0	0	4	2	12	4	1	2	0
21:00	27	52.9	45.8	6.8	0	0	0	0	2	7	8	1	0	0	0
22:00	15	60.7	50.5	9.9	0	0	0	0	1	5	3	2	0	4	0
23:00	8	47.8	35.0	12.4	0	0	4	1	0	1	0	2	0	0	0
Total															
2H(0-12)	134	49.1	42.0	6.9	0	1	2	16	28	51	18	14	4	0	0
2H(14-16)	188	51.9	45.2	6.5	0	2	2	7	14	65	72	29	6	1	0
12H(7-19)	1333	53.6	45.6	7.7	2	5	14	62	185	365	333	246	85	22	1
24H(0-24)	1508	53.9	45.7	7.9	2	9	18	73	202	392	376	297	105	30	1
AM Peak	08:00	05:00	00:00	00:00	07:00	11:00	09:00	11:00	08:00	11:00	08:00	11:00	08:00	13:00	18:00
PM Peak	17:00	16:00	22:00	22:00	15:00	11:00	17:00	14:00	17:00	17:00	16:00	16:00	13:00	18:00	
	184	54.0	47.1	6.7	0	0	1	2	20	60	34	43	22	2	0
	128	53.0	45.2	7.5	0	0	2	5	20	50	29	5	5	0	0
	69	50.7	43.9	6.6	0	0	0	5	13	29	6	12	4	0	0
	65	46.9	38.9	6.7	0	1	2	11	15	22	12	1	0	0	0
	122	53.1	45.6	7.3	0	0	1	6	17	32	42	13	6	5	0
	96	50.4	42.7	8.4	0	1	2	16	23	22	20	9	1	1	0
	104	50.8	44.2	6.4	1	2	5	6	39	43	5	2	1	0	0
	94	52.9	46.3	8.0	0	1	0	2	8	26	29	24	4	0	0
	127	56.9	47.6	9.0	0	0	0	7	23	49	13	34	12	9	0
	167	54.8	46.5	8.0	1	1	3	1	25	31	50	36	17	2	0
	72	56.9	47.8	8.7	0	0	0	1	8	10	13	15	10	3	0
	30	55.4	41.6	13.3	0	4	0	3	4	7	3	5	3	1	0
	25	55.6	48.1	7.2	0	0	0	0	4	2	12	4	1	2	0
	27	52.9	45.8	6.8	0	0	0	0	2	7	8	1	0	0	0
	15	60.7	50.5	9.9	0	0	0	0	1	5	3	2	0	4	0
	8	47.8	35.0	12.4	0	0	4	1	0	1	0	2	0	0	0
Total															
2H(0-12)	134	49.1	42.0	6.9	0	1	2	16	28	51	18	14	4	0	0
2H(14-16)	188	51.9	45.2	6.5	0	2	2	7	14	65	72	29	6	1	0
12H(7-19)	1333	53.6	45.6	7.7	2	5	14	62	185	365	333	246	85	22	1
24H(0-24)	1508	53.9	45.7	7.9	2	9	18	73	202	392	376	297	105	30	1



North Wales ATC 17, B5381 Roman Road

Direction: Westbound

04/05/2022																
Hour Beginning	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-40	Bin 5 40-50	Bin 6 50-60	Bin 7 60-70	Bin 8 70-80	Bin 9 80-90	Bin 10 90-99	Bin 11 100-119	Bin 12 120-149
00:00	2	52.5	32.5	0.0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	2	57.2	42.5	14.1	0	0	0	1	0	0	0	1	0	0	0	0
02:00	1	-	32.5	-	0	0	0	1	0	0	0	0	0	0	0	0
03:00	1	-	42.5	-	0	0	0	0	0	1	0	0	0	0	0	0
04:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
05:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
06:00	6	47.1	42.5	4.5	0	0	0	0	2	2	2	0	0	0	0	0
07:00	23	63.7	49.4	13.8	1	0	0	1	1	5	5	3	4	1	0	0
08:00	47	58.2	48.1	9.7	0	0	0	0	13	7	11	5	3	8	0	0
09:00	52	47.4	42.0	5.2	0	0	0	4	11	29	3	4	1	0	0	0
10:00	27	47.2	41.2	5.8	0	0	0	3	10	10	3	3	0	0	0	0
11:00	42	46.3	41.2	4.9	0	0	0	6	6	26	1	3	0	0	0	0
12:00	61	52.0	46.2	7.5	0	1	1	3	10	17	13	13	1	0	0	0
13:00	39	53.2	45.5	7.4	0	0	1	3	3	9	14	5	4	0	0	0
14:00	61	54.5	45.8	8.4	0	0	0	4	11	18	13	5	6	4	0	0
15:00	43	48.6	43.3	5.2	0	0	1	1	4	25	9	2	1	0	0	0
16:00	91	56.9	46.0	7.1	0	0	0	0	7	18	21	20	13	0	2	0
17:00	131	54.4	44.5	8.6	0	6	4	9	4	28	45	29	5	1	0	0
18:00	60	58.8	48.6	9.8	0	1	0	0	9	9	18	11	7	4	0	1
19:00	30	55.4	48.9	6.2	0	0	0	0	3	4	9	6	5	3	0	0
20:00	16	54.6	48.1	6.3	0	0	0	0	1	5	4	3	3	0	0	0
21:00	30	56.3	50.3	7.8	0	0	0	0	3	4	9	6	5	3	0	0
22:00	12	56.5	50.4	5.8	0	0	0	0	1	1	2	6	2	0	0	0
23:00	2	37.5	37.5	0.0	0	0	0	0	2	0	0	0	0	0	0	0
Total	69	46.6	41.2	5.3	0	0	0	9	16	34	4	6	0	0	0	0
2H(14-16)	104	52.3	44.7	7.3	0	0	1	5	15	43	22	7	7	4	0	0
12H(7-19)	543	45.4	45.6	8.5	1	8	7	34	89	197	170	103	42	22	3	1
24H(0-24)	779	54.5	45.8	8.4	1	8	7	36	101	215	193	135	53	26	3	1
AM Peak	09:00	07:00	00:00	01:00	07:00	00:00	00:00	11:00	08:00	09:00	08:00	08:00	08:00	08:00	07:00	00:00
	52	47.4	42.0	5.2	0	0	0	4	11	29	3	4	1	0	0	0
PM Peak	17:00	18:00	22:00	18:00	12:00	17:00	17:00	17:00	14:00	17:00	17:00	16:00	14:00	16:00	18:00	18:00
	131	54.4	44.5	8.6	0	6	4	9	4	28	45	29	5	1	0	0

360 TSL Ltd

Direction: Eastbound

Hour	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-40	Bin 5 40-50	Bin 6 50-60	Bin 7 60-70	Bin 8 70-80	Bin 9 80-90	Bin 10 90-99	Bin 11 100-119	Bin 12 120-149
00:00	3	53.7	45.8	7.6	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
02:00	2	42.5	42.5	0.0	0	0	0	0	0	2	0	0	0	0	0	0
03:00	4	32.5	32.5	0.0	0	0	0	4	0	0	0	0	0	0	0	0
04:00	1	-	32.5	-	0	0	0	1	0	0	0	0	0	0	0	0
05:00	8	54.6	48.1	11.1	0	0	1	0	1	4	1	0	0	0	1	0
06:00	24	57.4	46.5	8.6	0	0	1	0	0	7	9	6	5	0	0	0
07:00	58	55.1	49.6	5.4	0	0	0	0	0	2	11	15	21	9	0	0
08:00	125	54.0	47.8	5.9	0	0	0	0	3	13	54	55	31	13	0	0
09:00	65	49.8	44.0	5.6	0	0	0	0	0	18	23	14	7	3	0	0
10:00	41	52.4	46.5	7.6	0	0	0	7	2	11	14	4	2	0	0	0
11:00	43	49.4	42.9	6.2	0	1	0	2	7	13	20	0	0	0	0	0
12:00	35	44.9	39.1	5.6	0	1	0	2	17	12	3	0	0	0	0	0
13:00	53	51.5	43.6	7.7	0	0	3	5	2	23	8	20	2	0	0	0
14:00	42	48.2	41.8	6.1	0	0	1	0	18	14	3	5	1	0	0	0
15:00	50	48.7	45.8	7.6	0	1	7	15	10	12	3	1	0	0	0	0
16:00	63	53.9	48.8	5.0	0	0	0	0	4	8	24	22	5	0	0	0
17:00	40	52.2	46.0	8.9	0	1	1	3	7	15	5	3	1	0	0	0
18:00	17	59.3	49.7	9.2	0	0	0	1	1	7	2	1	3	0	0	0
19:00	25	54.9	46.1	8.5	0	0	0	4	3	3	4	8	3	0	0	0
20:00	14	47.2	42.9	4.1	0	0	0	0	0	11	1	1	0	0	0	0
21:00	3	47.2	44.2	2.9	0	0	0	0	0	2	1	0	0	0	0	0
22:00	1	-	37.5	-	0	0	0	0	0	0	0	0	0	0	0	0
23:00	2	56.5	45.0	10.6	0	0	0	0	1	0	0	1	0	0	0	0
Total	69	46.6	41.2	5.3	0	0	0	9	16	34	4	6	0	0	0	0
2H(14-16)	84	50.9	43.7	6.9	0	1	0	9	9	24	34	4	2	1	0	0
12H(7-19)	52	48.5	41.3	6.9	0	1	2	7	33	24	15	8	2	0	0	0
24H(0-24)	632	52.6	45.1	7.2	0	4	6	30	106	156	176	108	42	4	0	0
Total	719	52.7	45.1	7.4	0	4	9	40	113	180	193	125	50	5	0	0
AM Peak	08:00	06:00	07:00	05:00	00:00	11:00	06:00	10:00	09:00	09:00	08:00	08:00	08:00	05:00	00:00	00:00
PM Peak	17:00	18:00	18:00	20:00	12:00	13:00	13:00	15:00	14:00	13:00	16:00	16:00	16:00	16:00	12:00	16:00
	69	58.2	49.7	10.6	0	1	0	7	18	23	24	22	5	3	0	0

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Direction: Total Flow

Hour Beginning	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-40	Bin 5 40-50	Bin 6 50-60	Bin 7 60-70	Bin 8 70-80	Bin 9 80-90	Bin 10 90-99	Bin 11 100-119	Bin 12 120-149
00:00	2	57.2	42.5	14.1	0	0	0	1	0	0	0	1	0	0	0	0
01:00	3	46.2	39.2	5.8	0	0	0	1	0	0	2	0	0	0	0	0
02:00	5	39.1	34.5	4.5	0	0	0	4	0	1	0	0	0	0	0	0
03:00	1	-	32.5	-	0	0	0	0	1	0	0	0	0	0	0	0
04:00	8	54.6	43.1	11.1	0	0	1	0	1	4	1	0	0	1	0	0
05:00	30	55.9	41.3	8.2	0	0	0	0	2	4	11	6	5	0	0	0
06:00	81	58.4	46.5	8.5	0	0	0	1	3	16	20	34	11	4	1	0
07:00	172	55.3	47.9	7.1	0	0	0	3	26	21	62	36	36	8	0	0
08:00	117	48.8	43.1	5.5	0	0	0	4	29	52	17	11	4	0	0	0
09:00	68	50.5	43.2	7.1	0	0	0	10	12	19	17	7	2	1	0	0
10:00	95	47.8	42.1	5.7	0	1	0	8	11	39	21	12	0	0	0	0
11:00	96	49.9	42.4	7.3	0	2	1	5	27	27	20	13	1	0	0	0
12:00	92	52.2	44.4	7.8	0	0	4	8	5	32	22	35	6	0	0	0
13:00	103	52.2	44.2	7.8	0	1	4	29	32	16	30	7	4	0	0	0
14:00	93	48.8	42.9	6.7	0	1	2	8	19	35	21	5	2	0	0	0
15:00	154	55.4	48.9	6.3	0	0	0	0	11	26	55	42	17	1	2	0
16:00	171	53.9	44.2	8.4	0	7	5	12	11	43	50	32	30	1	0	0
17:00	77	58.8	49.7	9.7	0	1	0	10	11	25	13	8	7	0	0	0
18:00	55	55.3	47.6	7.4	0	0	0	4	6	8	10	22	4	1	0	0
19:00	30	51.8	45.7	5.9	0	0	0	1	1	16	5	4	3	0	0	0
20:00	31	57.6	49.7	7.6	0	0	0	0	3	6	13	6	5	3	0	0
21:00	22	51.8	45.7	5.9	0	0	0	0	1	1	16	5	4	3	0	0
22:00	13	56.3	49.4	6.6	0	0	0	0	2	1	2	6	2	0	0	0
23:00	4	49.0	45.3	7.5	0	0	0	0	1	0	0	1	0	0	0	0
Total	153	49.1	42.6	6.3	0	1	0	18	25	58	38	30	2	1	0	0
2H(14-16)	196	50.7	43.1	7.3	0	1	3	12	48	67	37	25	9	4	0	0
12H(7-19)	1300	53.5	45.3	7.9	1	12	13	64	195	353	346	211	84	26	3	1
24H(0-24)	1498	53.7	45.5	7.9	1	12	16	76	214	395	386	240	103	31	3	1
AM Peak	07:00	07:00	07:00	07:00	07:00	07:00	07:00	07:00	07:00	07:00	07:00	07:00	07:00	07:00	07:00	07:00
	172	172	172	172	172	172	172	172	172	172	172	172	172	172	172	172
PM Peak	17:00	18:00	17:00	18:00	17:00	18:00	17:00	18:00	17:00	18:00	17:00	18:00	17:00	18:00	17:00	18:00
	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171	171



North Wales ATC 17, B5381 Roman Road

Direction: Westbound

Hour Beginning	Thu 05/05/2022	Fri 06/05/2022	Sat 07/05/2022	Sun 08/05/2022	Mon 09/05/2022	Tue 10/05/2022	Wed 11/05/2022	5-Day Ave.	7-Day Ave.
00:00	0	2	5	3	2	1	2	1	2
01:00	2	0	1	2	2	1	2	1	1
02:00	1	1	2	0	1	0	0	1	1
03:00	0	0	0	1	1	1	1	1	1
04:00	1	0	1	1	2	0	0	1	1
05:00	4	2	1	0	2	2	0	2	2
06:00	6	7	6	3	11	9	10	9	7
07:00	23	25	7	11	26	27	22	25	20
08:00	66	73	28	10	57	58	60	63	50
09:00	55	39	47	28	44	52	57	49	46
10:00	56	40	59	50	36	44	30	41	45
11:00	62	44	79	53	68	45	30	50	54
12:00	44	56	79	58	47	50	47	49	54
13:00	57	63	80	48	32	45	42	48	52
14:00	51	71	65	50	83	43	46	59	58
15:00	77	50	58	49	80	50	55	62	60
16:00	108	108	71	47	94	72	93	95	85
17:00	114	97	39	35	122	112	116	112	91
18:00	59	88	32	20	49	56	56	62	51
19:00	32	48	22	24	33	29	22	33	30
20:00	29	21	12	20	19	18	20	21	20
21:00	20	18	16	9	16	23	21	20	18
22:00	11	12	9	2	8	10	19	12	10
23:00	8	7	4	3	4	4	1	5	4
Total									
12H(7-19)	772	754	644	459	738	654	654	714	668
16H(6-22)	859	848	700	515	817	733	727	797	743
18H(6-24)	878	867	713	520	829	747	747	814	757
24H(0-24)	886	872	723	527	839	752	752	820	764
AM Peak	08:00	08:00	11:00	11:00	11:00	08:00	08:00	08:00	11:00
	66	73	79	53	68	58	60	63	54
PM Peak	17:00	16:00	13:00	12:00	17:00	17:00	17:00	17:00	17:00
	114	108	80	58	122	112	116	112	91

360 TSL Ltd

Direction: Eastbound

Hour Beginning	Thu 05/05/2022	Fri 06/05/2022	Sat 07/05/2022	Sun 08/05/2022	Mon 09/05/2022	Tue 10/05/2022	Wed 11/05/2022	5-Day Ave.	7-Day Ave.
00:00	0	1	3	2	0	1	4	1	2
01:00	2	0	2	0	2	2	0	1	1
02:00	2	1	0	1	0	0	1	1	1
03:00	0	1	0	0	0	0	0	0	0
04:00	4	3	2	2	1	2	1	2	2
05:00	13	11	4	5	8	11	8	10	9
06:00	26	28	8	6	30	24	32	28	22
07:00	84	76	22	18	85	80	81	81	64
08:00	93	94	32	17	106	108	98	100	78
09:00	65	48	43	39	73	62	49	59	54
10:00	69	51	43	58	43	47	57	53	53
11:00	64	54	54	57	47	43	46	51	52
12:00	51	67	41	67	45	40	48	50	51
13:00	62	63	48	55	69	63	57	63	60
14:00	44	37	49	51	55	53	43	46	47
15:00	46	57	53	68	44	59	49	51	54
16:00	73	67	49	55	57	62	60	64	60
17:00	63	40	46	51	60	67	50	56	54
18:00	43	34	49	40	41	26	27	34	37
19:00	31	23	28	25	21	17	25	23	24
20:00	12	10	13	15	5	5	9	8	10
21:00	8	4	4	13	10	10	3	7	7
22:00	5	2	7	2	4	6	2	4	4
23:00	2	2	1	0	3	3	3	3	2
Total									
12H(7-19)	757	688	529	576	725	710	665	709	664
16H(6-22)	834	753	582	635	791	766	734	776	728
18H(6-24)	841	757	590	637	798	775	739	782	734
24H(0-24)	862	774	601	647	809	791	753	798	748
AM Peak	08:00	08:00	11:00	10:00	08:00	08:00	08:00	08:00	08:00
	93	94	54	58	106	108	98	100	78
PM Peak	16:00	12:00	15:00	15:00	13:00	17:00	16:00	16:00	16:00
	73	67	53	68	69	67	60	64	60

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Thu 05/05/2022	Fri 06/05/2022	Sat 07/05/2022	Sun 08/05/2022	Mon 09/05/2022	Tue 10/05/2022	Wed 11/05/2022	5-Day Ave.	7-Day Ave.
00:00	0	3	8	5	2	2	6	3	4
01:00	4	0	3	2	4	3	2	3	3
02:00	3	2	2	1	1	0	1	1	1
03:00	0	1	0	1	1	1	1	1	1
04:00	5	3	3	3	3	2	1	3	3
05:00	17	13	5	5	10	13	8	12	10
06:00	32	35	14	9	41	33	42	37	29
07:00	107	101	29	29	111	107	103	106	84
08:00	159	167	60	27	163	166	158	163	129
09:00	120	87	90	67	117	114	106	109	100
10:00	125	91	102	108	79	91	87	95	98
11:00	126	98	133	110	115	88	76	101	107
12:00	95	123	120	125	92	90	95	99	106
13:00	119	126	128	103	101	108	99	111	112
14:00	95	108	114	101	138	96	89	105	106
15:00	123	107	111	117	124	109	104	113	114
16:00	181	175	120	102	151	134	153	159	145
17:00	177	137	85	86	182	179	166	168	145
18:00	102	122	81	60	90	82	83	96	89
19:00	63	71	50	49	54	46	47	56	54
20:00	41	31	25	35	24	23	29	30	30
21:00	28	22	20	22	26	33	24	27	25
22:00	16	14	16	4	12	16	21	16	14
23:00	10	9	5	3	7	7	4	7	6
Total									
12H(7-19)	1529	1442	1173	1035	1463	1364	1319	1423	1332
16H(6-22)	1693	1601	1282	1150	1608	1499	1461	1572	1471
18H(6-24)	1719	1624	1303	1157	1627	1522	1486	1596	1491
24H(0-24)	1748	1646	1324	1174	1648	1543	1505	1618	1513
AM Peak	08:00	08:00	11:00	11:00	08:00	08:00	08:00	08:00	08:00
	159	167	133	110	163	166	158	163	129
PM Peak	16:00	16:00	13:00	12:00	17:00	17:00	17:00	17:00	16:00
	181	175	128	125	182	179	166	168	145

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North Wales ATC 17, B5381 Roman Road

Direction: Westbound

	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 5 May 2022	886	647	215	8	16
Fri 6 May 2022	872	650	208	5	9
Sat 7 May 2022	723	589	127	3	4
Sun 8 May 2022	527	455	71	0	1
Mon 9 May 2022	839	631	165	30	13
Tue 10 May 2022	752	572	166	2	12
Wed 11 May 2022	752	560	177	2	13
5 Day Ave.	820	612	186	9	13
7 Day Ave.	764	586	161	7	10

Direction: Eastbound

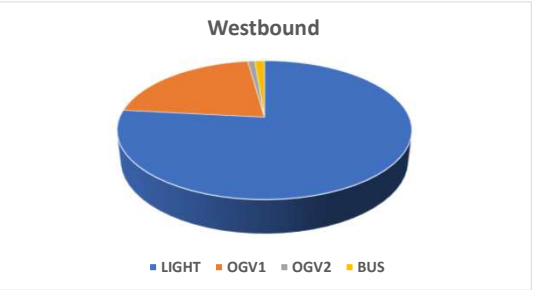
	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 5 May 2022	862	687	169	3	3
Fri 6 May 2022	774	629	134	6	5
Sat 7 May 2022	601	512	86	1	2
Sun 8 May 2022	647	585	60	0	2
Mon 9 May 2022	809	661	123	19	6
Tue 10 May 2022	791	638	147	4	2
Wed 11 May 2022	753	602	142	3	6
5 Day Ave.	798	643	143	7	4
7 Day Ave.	748	616	123	5	4

Direction: Total Flow

	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 5 May 2022	1748	1334	384	11	19
Fri 6 May 2022	1646	1279	342	11	14
Sat 7 May 2022	1324	1101	213	4	6
Sun 8 May 2022	1174	1040	131	0	3
Mon 9 May 2022	1648	1292	288	49	19
Tue 10 May 2022	1543	1210	313	6	14
Wed 11 May 2022	1505	1162	319	5	19
5 Day Ave.	1618	1255	329	16	17
7 Day Ave.	1513	1203	284	12	13

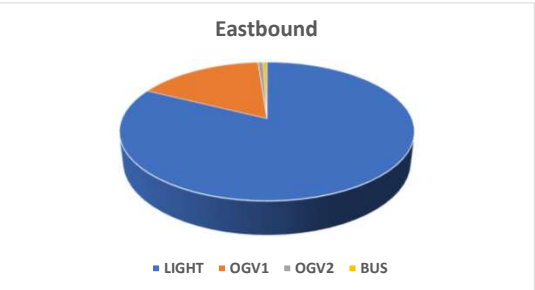
	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 5 May 2022	100.0%	73.0%	24.3%	0.9%	1.8%
Fri 6 May 2022	100.0%	74.5%	23.9%	0.6%	1.0%
Sat 7 May 2022	100.0%	81.5%	17.6%	0.4%	0.6%
Sun 8 May 2022	100.0%	86.3%	13.5%	0.0%	0.2%
Mon 9 May 2022	100.0%	75.2%	19.7%	3.6%	1.5%
Tue 10 May 2022	100.0%	76.1%	22.1%	0.3%	1.6%
Wed 11 May 2022	100.0%	74.5%	23.5%	0.3%	1.7%
5 Day Ave.	100.0%	74.6%	22.7%	1.1%	1.5%
7 Day Ave.	100.0%	76.7%	21.1%	0.9%	1.3%

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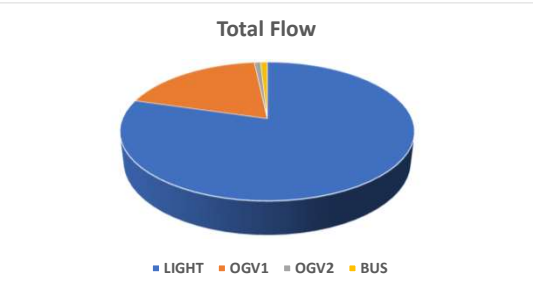
	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 5 May 2022	100.0%	79.7%	19.6%	0.3%	0.3%
Fri 6 May 2022	100.0%	81.3%	17.3%	0.8%	0.6%
Sat 7 May 2022	100.0%	85.2%	14.3%	0.2%	0.3%
Sun 8 May 2022	100.0%	90.4%	9.3%	0.0%	0.3%
Mon 9 May 2022	100.0%	81.7%	15.2%	2.3%	0.7%
Tue 10 May 2022	100.0%	80.7%	18.6%	0.5%	0.3%
Wed 11 May 2022	100.0%	79.9%	18.9%	0.4%	0.8%
5 Day Ave.	100.0%	80.6%	17.9%	0.9%	0.6%
7 Day Ave.	100.0%	82.4%	16.4%	0.7%	0.5%

360 TSL Ltd



	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 5 May 2022	100.0%	76.3%	22.0%	0.6%	1.1%
Fri 6 May 2022	100.0%	77.7%	20.8%	0.7%	0.9%
Sat 7 May 2022	100.0%	83.2%	16.1%	0.3%	0.5%
Sun 8 May 2022	100.0%	88.6%	11.2%	0.0%	0.3%
Mon 9 May 2022	100.0%	78.4%	17.5%	3.0%	1.2%
Tue 10 May 2022	100.0%	78.4%	20.3%	0.4%	0.9%
Wed 11 May 2022	100.0%	77.2%	21.2%	0.3%	1.3%
5 Day Ave.	100.0%	77.6%	20.3%	1.0%	1.1%
7 Day Ave.	100.0%	79.5%	18.8%	0.8%	0.9%

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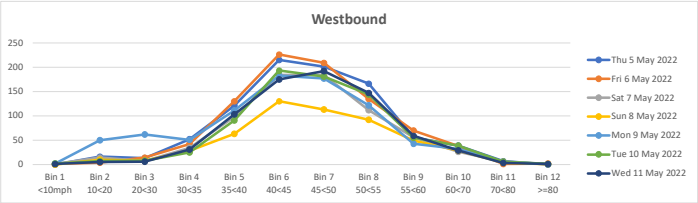


North Wales ATC 17, B5381 Roman Road

Direction: Westbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<30	Bin 4 30<35	Bin 5 35<40	Bin 6 40<45	Bin 7 45<50	Bin 8 50<55	Bin 9 55<60	Bin 10 60<70	Bin 11 70<80	Bin 12 >=80
Thu 5 May 2022	886	55.3	45.7	9.3	0	16	13	52	121	215	201	166	56	39	7	0
Fri 6 May 2022	872	54.8	45.9	8.6	1	4	14	42	130	226	209	135	70	38	1	2
Sat 7 May 2022	723	55.3	45.7	9.3	1	14	7	34	98	184	184	112	56	26	6	1
Sun 8 May 2022	527	56.5	46.4	9.8	0	10	8	28	63	130	113	92	49	29	4	1
Mon 9 May 2022	839	54.8	42.6	11.8	2	50	62	51	111	183	177	122	43	32	5	1
Tue 10 May 2022	752	56.0	46.7	9.0	2	7	8	25	91	193	181	144	55	39	6	1
Wed 11 May 2022	752	55.2	46.5	8.4	1	5	6	31	103	175	192	147	59	29	3	1
5 Day Ave.	820	55.2	45.5	9.4	1	16	21	40	111	198	192	143	57	35	4	1
7 Day Ave.	764	55.4	45.6	9.4	1	15	17	38	102	187	180	131	55	33	5	1

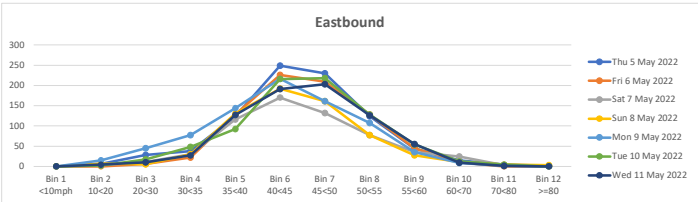
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Direction: Eastbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<30	Bin 4 30<35	Bin 5 35<40	Bin 6 40<45	Bin 7 45<50	Bin 8 50<55	Bin 9 55<60	Bin 10 60<70	Bin 11 70<80	Bin 12 >=80
Thu 5 May 2022	862	53.2	44.7	8.2	0	6	28	38	123	249	230	124	44	15	4	1
Fri 6 May 2022	774	52.3	45.4	6.6	0	0	6	22	128	226	209	128	45	10	0	0
Sat 7 May 2022	601	53.6	44.9	8.4	0	3	11	30	116	170	132	77	35	24	3	0
Sun 8 May 2022	647	53.0	44.4	8.2	0	7	5	30	130	192	161	77	27	11	4	3
Mon 9 May 2022	809	51.6	42.4	8.9	0	15	45	77	144	216	161	107	35	8	1	0
Tue 10 May 2022	791	53.5	45.4	7.8	0	2	17	48	92	216	218	128	54	12	4	0
Wed 11 May 2022	753	53.0	45.3	7.4	0	4	10	27	127	191	203	126	55	9	1	0
5 Day Ave.	798	52.7	44.7	7.8	0	5	21	42	123	220	204	123	47	11	2	0
7 Day Ave.	748	52.9	44.7	7.9	0	5	17	39	123	209	188	110	42	13	2	1

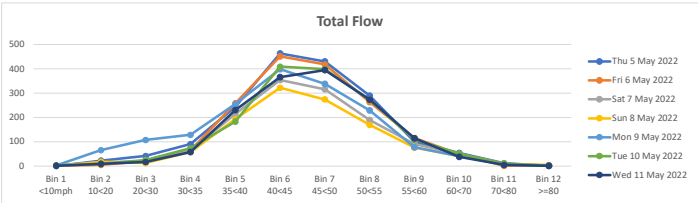
360 TSL Ltd



Direction: Total Flow

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<30	Bin 4 30<35	Bin 5 35<40	Bin 6 40<45	Bin 7 45<50	Bin 8 50<55	Bin 9 55<60	Bin 10 60<70	Bin 11 70<80	Bin 12 >=80
Thu 5 May 2022	1748	54.3	45.2	8.8	0	22	41	90	244	464	431	290	100	54	11	1
Fri 6 May 2022	1646	53.7	45.7	7.7	1	4	20	64	258	452	418	263	115	48	1	2
Sat 7 May 2022	1324	54.6	45.3	8.9	1	17	18	64	214	354	316	189	91	50	9	1
Sun 8 May 2022	1174	54.6	45.3	9.0	0	17	13	58	193	322	274	169	76	40	8	4
Mon 9 May 2022	1648	53.4	42.5	10.5	2	65	107	128	255	399	338	229	78	40	6	1
Tue 10 May 2022	1543	54.8	46.0	8.4	2	9	25	73	183	409	399	272	109	51	10	1
Wed 11 May 2022	1505	54.2	45.9	7.9	1	9	16	58	230	366	395	273	114	38	4	1
5 Day Ave.	1618	54.1	45.1	8.7	1	22	42	83	234	418	396	265	103	46	6	1
7 Day Ave.	1513	54.2	45.1	8.7	1	20	34	76	225	395	367	241	98	46	7	2

360 TSL Ltd





## North Wales ATC 17, B5381 Roman Road

Direction: Westbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<30	Bin 4 30<35	Bin 5 35<40	Bin 6 40<45	Bin 7 45<50	Bin 8 50<55	Bin 9 55<60	Bin 10 60<70	Bin 11 70<80	Bin 12 >=80
Thu 5 May 2022	118	53.3	43.1	9.8	0	2	4	11	28	32	17	12	7	3	2	0
Fri 6 May 2022	84	52.6	42.4	9.8	0	1	6	7	19	23	12	9	2	5	0	0
Sat 7 May 2022	138	54.8	45.8	8.6	0	1	0	10	23	36	27	22	11	8	0	0
Sun 8 May 2022	103	56.8	46.7	9.8	0	3	0	5	15	17	26	20	10	7	0	0
Mon 9 May 2022	104	51.6	40.7	10.4	0	7	5	12	18	23	23	11	4	1	0	0
Tue 10 May 2022	89	52.7	44.4	8.0	0	1	2	3	15	31	15	16	4	2	0	0
Wed 11 May 2022	60	49.5	42.6	6.7	0	0	0	6	17	19	8	9	0	1	0	0
5 Day Ave.	91	51.9	42.7	8.9	0	2	3	8	19	26	15	11	3	2	0	0
7 Day Ave.	99	53.0	43.7	9.0	0	2	2	8	19	26	18	14	5	4	0	0

360 TSL Ltd

Direction: Eastbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<30	Bin 4 30<35	Bin 5 35<40	Bin 6 40<45	Bin 7 45<50	Bin 8 50<55	Bin 9 55<60	Bin 10 60<70	Bin 11 70<80	Bin 12 >=80
Thu 5 May 2022	133	48.9	41.7	7.0	0	1	4	15	22	58	20	10	2	1	0	0
Fri 6 May 2022	105	49.4	43.0	6.1	0	0	1	5	28	38	18	11	4	0	0	0
Sat 7 May 2022	97	52.2	44.8	7.1	0	0	2	2	16	34	28	6	6	3	0	0
Sun 8 May 2022	115	52.6	44.3	8.0	0	2	0	3	21	43	27	13	3	1	2	0
Mon 9 May 2022	90	46.5	36.6	9.6	0	6	8	21	23	19	11	0	1	0	1	0
Tue 10 May 2022	90	49.7	42.7	6.8	0	0	1	12	17	27	22	9	1	1	0	0
Wed 11 May 2022	103	51.2	43.8	7.1	0	1	0	6	20	33	31	7	2	3	0	0
5 Day Ave.	104	49.1	41.6	7.3	0	2	3	12	22	35	20	7	2	1	0	0
7 Day Ave.	105	50.1	42.4	7.4	0	1	2	9	21	36	22	8	3	1	0	0

360 TSL Ltd

Direction: Total Flow

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<30	Bin 4 30<35	Bin 5 35<40	Bin 6 40<45	Bin 7 45<50	Bin 8 50<55	Bin 9 55<60	Bin 10 60<70	Bin 11 70<80	Bin 12 >=80
Thu 5 May 2022	251	51.1	42.4	8.5	0	3	8	26	50	90	37	22	9	4	2	0
Fri 6 May 2022	189	51.0	42.8	8.0	0	1	7	12	47	61	30	20	6	5	0	0
Sat 7 May 2022	235	53.7	45.4	8.0	0	1	2	12	39	70	55	28	17	11	0	0
Sun 8 May 2022	218	54.7	45.4	8.9	0	5	0	8	36	60	53	33	13	8	2	0
Mon 9 May 2022	194	49.4	38.8	10.2	0	13	13	33	41	42	34	11	5	1	1	0
Tue 10 May 2022	179	51.3	43.5	7.4	0	1	3	15	32	58	37	25	5	3	0	0
Wed 11 May 2022	163	50.6	43.4	6.9	0	1	0	12	37	52	39	16	2	4	0	0
5 Day Ave.	195	50.7	42.2	8.2	0	4	6	20	41	61	35	19	5	3	1	0
7 Day Ave.	204	51.7	43.1	8.3	0	4	5	17	40	62	41	22	8	5	1	0

360 TSL Ltd



## North Wales ATC 17, B5381 Roman Road

Direction: Westbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<30	Bin 4 30<35	Bin 5 35<40	Bin 6 40<45	Bin 7 45<50	Bin 8 50<55	Bin 9 55<60	Bin 10 60<70	Bin 11 70<80	Bin 12 >=80
Thu 5 May 2022	128	52.9	45.3	7.3	0	0	2	9	10	40	42	16	6	2	1	0
Fri 6 May 2022	121	54.7	45.6	8.9	0	0	4	10	7	38	34	16	6	5	0	1
Sat 7 May 2022	123	54.6	44.2	10.1	1	4	2	10	14	31	30	20	6	5	0	0
Sun 8 May 2022	99	58.0	46.2	11.4	0	2	1	9	12	28	18	11	9	5	3	1
Mon 9 May 2022	163	51.3	37.9	13.0	1	21	20	11	22	41	29	7	6	4	1	0
Tue 10 May 2022	93	53.2	45.4	7.5	0	1	0	5	11	28	26	14	6	2	0	0
Wed 11 May 2022	101	52.5	44.9	7.3	0	0	2	3	18	32	25	11	8	2	0	0
5 Day Ave.	121	52.9	43.8	8.8	0	4	6	8	14	36	31	13	6	3	0	0
7 Day Ave.	118	53.9	44.2	9.3	0	4	4	8	13	34	29	14	7	4	1	0

360 TSL Ltd

Direction: Eastbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<30	Bin 4 30<35	Bin 5 35<40	Bin 6 40<45	Bin 7 45<50	Bin 8 50<55	Bin 9 55<60	Bin 10 60<70	Bin 11 70<80	Bin 12 >=80
Thu 5 May 2022	90	51.2	44.0	7.0	0	0	2	6	14	28	26	11	1	2	0	0
Fri 6 May 2022	94	48.9	42.7	6.0	0	0	0	5	30	31	15	10	3	0	0	0
Sat 7 May 2022	102	51.7	43.1	8.4	0	1	3	8	26	23	23	12	3	3	0	0
Sun 8 May 2022	119	51.0	42.2	8.5	0	3	1	8	39	25	29	9	2	2	1	0
Mon 9 May 2022	99	48.7	38.1	10.2	0	7	11	13	17	29	15	4	2	1	0	0
Tue 10 May 2022	112	53.8	44.0	9.5	0	1	6	9	14	29	32	15	2	1	3	0
Wed 11 May 2022	92	50.5	42.5	7.7	0	1	3	4	28	26	13	12	5	0	0	0
5 Day Ave.	97	50.6	42.3	8.1	0	2	4	7	21	29	20	10	3	1	1	0
7 Day Ave.	101	50.8	42.4	8.2	0	2	4	8	24	27	22	10	3	1	1	0

360 TSL Ltd

Direction: Total Flow

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<30	Bin 4 30<35	Bin 5 35<40	Bin 6 40<45	Bin 7 45<50	Bin 8 50<55	Bin 9 55<60	Bin 10 60<70	Bin 11 70<80	Bin 12 >=80
Thu 5 May 2022	218	52.2	44.8	7.2	0	0	4	15	24	68	68	27	7	4	1	0
Fri 6 May 2022	215	52.4	44.3	7.8	0	0	4	15	37	69	49	26	9	5	0	1
Sat 7 May 2022	225	53.4	43.7	9.4	1	5	5	18	40	54	53	32	9	8	0	0
Sun 8 May 2022	218	54.5	44.0	10.1	0	5	2	17	51	53	47	20	11	7	4	1
Mon 9 May 2022	262	50.4	38.0	12.0	1	28	31	24	39	70	44	11	8	5	1	0
Tue 10 May 2022	205	53.6	44.6	8.7	0	2	6	14	25	57	58	29	8	3	3	0
Wed 11 May 2022	193	51.6	43.8	7.6	0	1	5	7	46	58	38	23	13	2	0	0
5 Day Ave.	219	52.1	43.1	8.6	0	6	10	15	34	64	51	23	9	4	1	0
7 Day Ave.	219	52.6	43.3	9.0	0	6	8	16	37	61	51	24	9	5	1	0

360 TSL Ltd



# North Wales ATC 17, B5381 Roman Road

Direction: Westbound

05/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	0	0	0	0	0
01:00	2	2	0	0	0
02:00	1	1	0	0	0
03:00	0	0	0	0	0
04:00	1	1	0	0	0
05:00	4	3	0	0	1
06:00	6	4	2	0	0
07:00	23	14	7	0	2
08:00	66	45	20	0	1
09:00	55	31	17	3	4
10:00	56	36	18	1	1
11:00	62	49	13	0	0
12:00	44	28	15	1	0
13:00	57	40	15	1	1
14:00	51	36	14	0	1
15:00	77	64	13	0	0
16:00	108	76	27	2	3
17:00	114	88	26	0	0
18:00	59	47	11	0	1
19:00	32	25	6	0	1
20:00	29	24	5	0	0
21:00	20	17	3	0	0
22:00	11	9	2	0	0
23:00	8	7	1	0	0
Total					
12H(7-19)	772	554	196	8	14
16H(6-22)	859	624	212	8	15
18H(6-24)	878	640	215	8	15
24H(0-24)	886	647	215	8	16
AM Peak	08:00	11:00	08:00	09:00	09:00
	66	49	20	3	4
PM Peak	17:00	17:00	16:00	16:00	16:00
	114	88	27	2	3

360 TSL Ltd

Direction: Eastbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	0	0	0	0	0
01:00	2	1	1	0	0
02:00	2	2	0	0	0
03:00	0	0	0	0	0
04:00	4	4	0	0	0
05:00	13	11	2	0	0
06:00	26	16	10	0	0
07:00	84	62	21	1	0
08:00	93	84	8	1	0
09:00	65	52	13	0	0
10:00	69	48	20	1	0
11:00	64	49	14	0	1
12:00	51	40	10	0	1
13:00	62	48	14	0	0
14:00	44	31	13	0	0
15:00	46	36	10	0	0
16:00	73	58	15	0	0
17:00	63	55	7	0	1
18:00	43	41	2	0	0
19:00	31	25	6	0	0
20:00	12	10	2	0	0
21:00	8	8	0	0	0
22:00	5	4	1	0	0
23:00	2	2	0	0	0
Total					
12H(7-19)	757	604	147	3	3
16H(6-22)	834	663	165	3	3
18H(6-24)	841	669	166	3	3
24H(0-24)	862	687	169	3	3
AM Peak	08:00	08:00	07:00	07:00	11:00
	93	84	21	1	1
PM Peak	16:00	16:00	16:00	12:00	12:00
	73	58	15	0	1

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	0	0	0	0	0
01:00	4	3	1	0	0
02:00	3	3	0	0	0
03:00	0	0	0	0	0
04:00	5	5	0	0	0
05:00	17	14	2	0	1
06:00	32	20	12	0	0
07:00	107	76	28	1	2
08:00	159	129	28	1	1
09:00	120	83	30	3	4
10:00	125	84	38	2	1
11:00	126	98	27	0	1
12:00	95	68	25	1	1
13:00	119	88	29	1	1
14:00	95	67	27	0	1
15:00	123	100	23	0	0
16:00	181	134	42	2	3
17:00	177	143	33	0	1
18:00	102	88	13	0	1
19:00	63	50	12	0	1
20:00	41	34	7	0	0
21:00	28	25	3	0	0
22:00	16	13	3	0	0
23:00	10	9	1	0	0
Total					
12H(7-19)	1529	1158	343	11	17
16H(6-22)	1693	1287	377	11	18
18H(6-24)	1719	1309	381	11	18
24H(0-24)	1748	1334	384	11	19
AM Peak	08:00	08:00	10:00	09:00	09:00
	159	129	38	3	4
PM Peak	16:00	17:00	16:00	16:00	16:00
	181	143	42	2	3

360 TSL Ltd



# North Wales ATC 17, B5381 Roman Road

Direction: Westbound

06/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	2	1	1	0	0
01:00	0	0	0	0	0
02:00	1	1	0	0	0
03:00	0	0	0	0	0
04:00	0	0	0	0	0
05:00	2	2	0	0	0
06:00	7	5	2	0	0
07:00	25	18	6	0	1
08:00	73	52	15	0	6
09:00	39	21	16	2	0
10:00	40	28	12	0	0
11:00	44	33	8	1	2
12:00	56	39	16	1	0
13:00	63	44	19	0	0
14:00	71	53	17	1	0
15:00	50	35	15	0	0
16:00	108	91	17	0	0
17:00	97	72	25	0	0
18:00	88	74	14	0	0
19:00	48	37	11	0	0
20:00	21	18	3	0	0
21:00	18	12	6	0	0
22:00	12	10	2	0	0
23:00	7	4	3	0	0
Total					
12H(7-19)	754	560	180	5	9
16H(6-22)	848	632	202	5	9
18H(6-24)	867	646	207	5	9
24H(0-24)	872	650	208	5	9
AM Peak	08:00	08:00	09:00	09:00	08:00
	73	52	16	2	6
PM Peak	16:00	16:00	17:00	12:00	12:00
	108	91	25	1	0

360 TSL Ltd

Direction: Eastbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	1	0	1	0	0
01:00	0	0	0	0	0
02:00	1	1	0	0	0
03:00	1	0	1	0	0
04:00	3	2	0	0	1
05:00	11	9	2	0	0
06:00	28	19	9	0	0
07:00	76	57	19	0	0
08:00	94	85	8	0	1
09:00	48	42	6	0	0
10:00	51	40	8	3	0
11:00	54	43	8	1	2
12:00	67	50	17	0	0
13:00	63	56	7	0	0
14:00	37	29	6	1	1
15:00	57	51	6	0	0
16:00	67	54	12	1	0
17:00	40	30	10	0	0
18:00	34	26	8	0	0
19:00	23	19	4	0	0
20:00	10	10	0	0	0
21:00	4	3	1	0	0
22:00	2	2	0	0	0
23:00	2	1	1	0	0
Total					
12H(7-19)	688	563	115	6	4
16H(6-22)	753	614	129	6	4
18H(6-24)	757	617	130	6	4
24H(0-24)	774	629	134	6	5
AM Peak	08:00	08:00	07:00	10:00	11:00
	94	85	19	3	2
PM Peak	12:00	13:00	12:00	14:00	14:00
	67	56	17	1	1

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	3	1	2	0	0
01:00	0	0	0	0	0
02:00	2	2	0	0	0
03:00	1	0	1	0	0
04:00	3	2	0	0	1
05:00	13	11	2	0	0
06:00	35	24	11	0	0
07:00	101	75	25	0	1
08:00	167	137	23	0	7
09:00	87	63	22	2	0
10:00	91	68	20	3	0
11:00	98	76	16	2	4
12:00	123	89	33	1	0
13:00	126	100	26	0	0
14:00	108	82	23	2	1
15:00	107	86	21	0	0
16:00	175	145	29	1	0
17:00	137	102	35	0	0
18:00	122	100	22	0	0
19:00	71	56	15	0	0
20:00	31	28	3	0	0
21:00	22	15	7	0	0
22:00	14	12	2	0	0
23:00	9	5	4	0	0
Total					
12H(7-19)	1442	1123	295	11	13
16H(6-22)	1601	1246	331	11	13
18H(6-24)	1624	1263	337	11	13
24H(0-24)	1646	1279	342	11	14
AM Peak	08:00	08:00	07:00	10:00	08:00
	167	137	25	3	7
PM Peak	16:00	16:00	17:00	14:00	14:00
	175	145	35	2	1

360 TSL Ltd



# North Wales ATC 17, B5381 Roman Road

Direction: Westbound

07/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	5	4	1	0	0
01:00	1	1	0	0	0
02:00	2	1	1	0	0
03:00	0	0	0	0	0
04:00	1	1	0	0	0
05:00	1	1	0	0	0
06:00	6	4	2	0	0
07:00	7	5	1	0	1
08:00	28	21	6	0	1
09:00	47	36	11	0	0
10:00	59	45	13	1	0
11:00	79	63	16	0	0
12:00	79	60	18	1	0
13:00	80	73	6	0	1
14:00	65	60	5	0	0
15:00	58	46	11	1	0
16:00	71	61	10	0	0
17:00	39	30	8	0	1
18:00	32	25	7	0	0
19:00	22	18	4	0	0
20:00	12	10	2	0	0
21:00	16	13	3	0	0
22:00	9	7	2	0	0
23:00	4	4	0	0	0
Total					
12H(7-19)	644	525	112	3	4
16H(6-22)	700	570	123	3	4
18H(6-24)	713	581	125	3	4
24H(0-24)	723	589	127	3	4
AM Peak	11:00	11:00	11:00	10:00	07:00
	79	63	16	1	1
PM Peak	13:00	13:00	12:00	12:00	13:00
	80	73	18	1	1

360 TSL Ltd

Direction: Eastbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	3	3	0	0	0
01:00	2	1	1	0	0
02:00	0	0	0	0	0
03:00	0	0	0	0	0
04:00	2	2	0	0	0
05:00	4	3	1	0	0
06:00	8	6	2	0	0
07:00	22	14	8	0	0
08:00	32	24	8	0	0
09:00	43	34	9	0	0
10:00	43	38	5	0	0
11:00	54	47	7	0	0
12:00	41	37	3	1	0
13:00	48	42	5	0	1
14:00	49	42	7	0	0
15:00	53	48	5	0	0
16:00	49	43	6	0	0
17:00	46	42	3	0	1
18:00	49	42	7	0	0
19:00	28	22	6	0	0
20:00	13	12	1	0	0
21:00	4	3	1	0	0
22:00	7	6	1	0	0
23:00	1	1	0	0	0
Total					
12H(7-19)	529	453	73	1	2
16H(6-22)	582	496	83	1	2
18H(6-24)	590	503	84	1	2
24H(0-24)	601	512	86	1	2
AM Peak	11:00	11:00	09:00	00:00	00:00
	54	47	9	0	0
PM Peak	15:00	15:00	14:00	12:00	13:00
	53	48	7	1	1

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	8	7	1	0	0
01:00	3	2	1	0	0
02:00	2	1	1	0	0
03:00	0	0	0	0	0
04:00	3	3	0	0	0
05:00	5	4	1	0	0
06:00	14	10	4	0	0
07:00	29	19	9	0	1
08:00	60	45	14	0	1
09:00	90	70	20	0	0
10:00	102	83	18	1	0
11:00	133	110	23	0	0
12:00	120	97	21	2	0
13:00	128	115	11	0	2
14:00	114	102	12	0	0
15:00	111	94	16	1	0
16:00	120	104	16	0	0
17:00	85	72	11	0	2
18:00	81	67	14	0	0
19:00	50	40	10	0	0
20:00	25	22	3	0	0
21:00	20	16	4	0	0
22:00	16	13	3	0	0
23:00	5	5	0	0	0
Total					
12H(7-19)	1173	978	185	4	6
16H(6-22)	1282	1066	206	4	6
18H(6-24)	1303	1084	209	4	6
24H(0-24)	1324	1101	213	4	6
AM Peak	11:00	11:00	11:00	10:00	07:00
	133	110	23	1	1
PM Peak	13:00	13:00	12:00	12:00	13:00
	128	115	21	2	2

360 TSL Ltd



# North Wales ATC 17, B5381 Roman Road

Direction: Westbound

08/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	3	3	0	0	0
01:00	2	2	0	0	0
02:00	0	0	0	0	0
03:00	1	1	0	0	0
04:00	1	1	0	0	0
05:00	0	0	0	0	0
06:00	3	2	1	0	0
07:00	11	8	3	0	0
08:00	10	10	0	0	0
09:00	28	26	2	0	0
10:00	50	47	3	0	0
11:00	53	40	13	0	0
12:00	58	48	10	0	0
13:00	48	40	8	0	0
14:00	50	47	3	0	0
15:00	49	42	6	0	1
16:00	47	39	8	0	0
17:00	35	32	3	0	0
18:00	20	17	3	0	0
19:00	24	23	1	0	0
20:00	20	17	3	0	0
21:00	9	8	1	0	0
22:00	2	2	0	0	0
23:00	3	0	3	0	0
Total					
12H(7-19)	459	396	62	0	1
16H(6-22)	515	446	68	0	1
18H(6-24)	520	448	71	0	1
24H(0-24)	527	455	71	0	1
AM Peak	11:00	10:00	11:00	00:00	00:00
	53	47	13	0	0
PM Peak	12:00	12:00	12:00	12:00	15:00
	58	48	10	0	1

360 TSL Ltd

Direction: Eastbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	2	2	0	0	0
01:00	0	0	0	0	0
02:00	1	1	0	0	0
03:00	0	0	0	0	0
04:00	2	2	0	0	0
05:00	5	5	0	0	0
06:00	6	3	3	0	0
07:00	18	16	2	0	0
08:00	17	15	2	0	0
09:00	39	36	3	0	0
10:00	58	52	6	0	0
11:00	57	51	6	0	0
12:00	67	60	6	0	1
13:00	55	49	6	0	0
14:00	51	44	6	0	1
15:00	68	65	3	0	0
16:00	55	50	5	0	0
17:00	51	45	6	0	0
18:00	40	37	3	0	0
19:00	25	25	0	0	0
20:00	15	14	1	0	0
21:00	13	11	2	0	0
22:00	2	2	0	0	0
23:00	0	0	0	0	0
Total					
12H(7-19)	576	520	54	0	2
16H(6-22)	635	573	60	0	2
18H(6-24)	637	575	60	0	2
24H(0-24)	647	585	60	0	2
AM Peak	10:00	10:00	10:00	00:00	00:00
	58	52	6	0	0
PM Peak	15:00	15:00	12:00	12:00	12:00
	68	65	6	0	1

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	5	5	0	0	0
01:00	2	2	0	0	0
02:00	1	1	0	0	0
03:00	1	1	0	0	0
04:00	3	3	0	0	0
05:00	5	5	0	0	0
06:00	9	5	4	0	0
07:00	29	24	5	0	0
08:00	27	25	2	0	0
09:00	67	62	5	0	0
10:00	108	99	9	0	0
11:00	110	91	19	0	0
12:00	125	108	16	0	1
13:00	103	89	14	0	0
14:00	101	91	9	0	1
15:00	117	107	9	0	1
16:00	102	89	13	0	0
17:00	86	77	9	0	0
18:00	60	54	6	0	0
19:00	49	48	1	0	0
20:00	35	31	4	0	0
21:00	22	19	3	0	0
22:00	4	4	0	0	0
23:00	3	0	3	0	0
Total					
12H(7-19)	1035	916	116	0	3
16H(6-22)	1150	1019	128	0	3
18H(6-24)	1157	1023	131	0	3
24H(0-24)	1174	1040	131	0	3
AM Peak	11:00	10:00	11:00	00:00	00:00
	110	99	19	0	0
PM Peak	12:00	12:00	12:00	12:00	12:00
	125	108	16	0	1

360 TSL Ltd



# North Wales ATC 17, B5381 Roman Road

Direction: Westbound

09/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	2	2	0	0	0
01:00	2	1	1	0	0
02:00	1	1	0	0	0
03:00	1	0	1	0	0
04:00	2	2	0	0	0
05:00	2	2	0	0	0
06:00	11	10	0	0	1
07:00	26	20	3	0	3
08:00	57	33	22	2	0
09:00	44	30	11	2	1
10:00	36	23	12	0	1
11:00	68	53	11	3	1
12:00	47	36	10	0	1
13:00	32	25	7	0	0
14:00	83	61	16	5	1
15:00	80	60	13	4	3
16:00	94	68	19	7	0
17:00	122	95	20	6	1
18:00	49	40	9	0	0
19:00	33	27	5	1	0
20:00	19	18	1	0	0
21:00	16	15	1	0	0
22:00	8	7	1	0	0
23:00	4	2	2	0	0
Total					
12H(7-19)	738	544	153	29	12
16H(6-22)	817	614	160	30	13
18H(6-24)	829	623	163	30	13
24H(0-24)	839	631	165	30	13
AM Peak	11:00 68	11:00 53	08:00 22	11:00 3	07:00 3
PM Peak	17:00 122	17:00 95	17:00 20	16:00 7	15:00 3

360 TSL Ltd

Direction: Eastbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	0	0	0	0	0
01:00	2	1	1	0	0
02:00	0	0	0	0	0
03:00	0	0	0	0	0
04:00	1	1	0	0	0
05:00	8	6	2	0	0
06:00	30	17	13	0	0
07:00	85	69	13	3	0
08:00	106	93	12	0	1
09:00	73	60	13	0	0
10:00	43	32	9	1	1
11:00	47	39	5	3	0
12:00	45	36	7	0	2
13:00	69	59	9	1	0
14:00	55	39	7	8	1
15:00	44	36	6	2	0
16:00	57	47	10	0	0
17:00	60	50	8	1	1
18:00	41	34	7	0	0
19:00	21	20	1	0	0
20:00	5	5	0	0	0
21:00	10	10	0	0	0
22:00	4	4	0	0	0
23:00	3	3	0	0	0
Total					
12H(7-19)	725	594	106	19	6
16H(6-22)	791	646	120	19	6
18H(6-24)	798	653	120	19	6
24H(0-24)	809	661	123	19	6
AM Peak	08:00 106	08:00 93	06:00 13	07:00 3	08:00 1
PM Peak	13:00 69	13:00 59	16:00 10	14:00 8	12:00 2

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	2	2	0	0	0
01:00	4	2	2	0	0
02:00	1	1	0	0	0
03:00	1	0	1	0	0
04:00	3	3	0	0	0
05:00	10	8	2	0	0
06:00	41	27	13	0	1
07:00	111	89	16	3	3
08:00	163	126	34	2	1
09:00	117	90	24	2	1
10:00	79	55	21	1	2
11:00	115	92	16	6	1
12:00	92	72	17	0	3
13:00	101	84	16	1	0
14:00	138	100	23	13	2
15:00	124	96	19	6	3
16:00	151	115	29	7	0
17:00	182	145	28	7	2
18:00	90	74	16	0	0
19:00	54	47	6	1	0
20:00	24	23	1	0	0
21:00	26	25	1	0	0
22:00	12	11	1	0	0
23:00	7	5	2	0	0
Total					
12H(7-19)	1463	1138	259	48	18
16H(6-22)	1608	1260	280	49	19
18H(6-24)	1627	1276	283	49	19
24H(0-24)	1648	1292	288	49	19
AM Peak	08:00 163	08:00 126	08:00 34	11:00 6	07:00 3
PM Peak	17:00 182	17:00 145	16:00 29	14:00 13	12:00 3

360 TSL Ltd



# North Wales ATC 17, B5381 Roman Road

Direction: Westbound

10/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	1	1	0	0	0
01:00	1	1	0	0	0
02:00	0	0	0	0	0
03:00	1	1	0	0	0
04:00	0	0	0	0	0
05:00	2	2	0	0	0
06:00	9	8	1	0	0
07:00	27	16	9	0	2
08:00	58	42	15	0	1
09:00	52	29	21	0	2
10:00	44	36	8	0	0
11:00	45	37	7	0	1
12:00	50	37	12	1	0
13:00	45	38	6	0	1
14:00	43	30	12	1	0
15:00	50	35	11	0	4
16:00	72	61	11	0	0
17:00	112	86	26	0	0
18:00	56	39	16	0	1
19:00	29	24	5	0	0
20:00	18	18	0	0	0
21:00	23	20	3	0	0
22:00	10	7	3	0	0
23:00	4	4	0	0	0
Total					
12H(7-19)	654	486	154	2	12
16H(6-22)	733	556	163	2	12
18H(6-24)	747	567	166	2	12
24H(0-24)	752	572	166	2	12
AM Peak	08:00	08:00	09:00	00:00	07:00
	58	42	21	0	2
PM Peak	17:00	17:00	17:00	12:00	15:00
	112	86	26	1	4

360 TSL Ltd

Direction: Eastbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	1	0	1	0	0
01:00	2	1	1	0	0
02:00	0	0	0	0	0
03:00	0	0	0	0	0
04:00	2	2	0	0	0
05:00	11	10	1	0	0
06:00	24	13	11	0	0
07:00	80	63	16	0	1
08:00	108	94	14	0	0
09:00	62	52	9	1	0
10:00	47	40	7	0	0
11:00	43	35	7	1	0
12:00	40	27	13	0	0
13:00	63	53	10	0	0
14:00	53	43	8	2	0
15:00	59	47	12	0	0
16:00	62	50	12	0	0
17:00	67	52	14	0	1
18:00	26	22	4	0	0
19:00	17	13	4	0	0
20:00	5	5	0	0	0
21:00	10	9	1	0	0
22:00	6	5	1	0	0
23:00	3	2	1	0	0
Total					
12H(7-19)	710	578	126	4	2
16H(6-22)	766	618	142	4	2
18H(6-24)	775	625	144	4	2
24H(0-24)	791	638	147	4	2
AM Peak	08:00	08:00	07:00	09:00	07:00
	108	94	16	1	1
PM Peak	17:00	13:00	17:00	14:00	17:00
	67	53	14	2	1

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	2	1	1	0	0
01:00	3	2	1	0	0
02:00	0	0	0	0	0
03:00	1	1	0	0	0
04:00	2	2	0	0	0
05:00	13	12	1	0	0
06:00	33	21	12	0	0
07:00	107	79	25	0	3
08:00	166	136	29	0	1
09:00	114	81	30	1	2
10:00	91	76	15	0	0
11:00	88	72	14	1	1
12:00	90	64	25	1	0
13:00	108	91	16	0	1
14:00	96	73	20	3	0
15:00	109	82	23	0	4
16:00	134	111	23	0	0
17:00	179	138	40	0	1
18:00	82	61	20	0	1
19:00	46	37	9	0	0
20:00	23	23	0	0	0
21:00	33	29	4	0	0
22:00	16	12	4	0	0
23:00	7	6	1	0	0
Total					
12H(7-19)	1364	1064	280	6	14
16H(6-22)	1499	1174	305	6	14
18H(6-24)	1522	1192	310	6	14
24H(0-24)	1543	1210	313	6	14
AM Peak	08:00	08:00	09:00	09:00	07:00
	166	136	30	1	3
PM Peak	17:00	17:00	17:00	14:00	15:00
	179	138	40	3	4

360 TSL Ltd



# North Wales ATC 17, B5381 Roman Road

Direction: Westbound

11/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	2	1	1	0	0
01:00	2	1	1	0	0
02:00	0	0	0	0	0
03:00	1	1	0	0	0
04:00	0	0	0	0	0
05:00	0	0	0	0	0
06:00	10	9	1	0	0
07:00	22	17	2	0	3
08:00	60	34	23	0	3
09:00	57	37	17	1	2
10:00	30	18	10	0	2
11:00	30	22	8	0	0
12:00	47	31	16	0	0
13:00	42	35	6	0	1
14:00	46	36	10	0	0
15:00	55	40	15	0	0
16:00	93	73	17	1	2
17:00	116	86	30	0	0
18:00	56	45	11	0	0
19:00	22	19	3	0	0
20:00	20	19	1	0	0
21:00	21	17	4	0	0
22:00	19	18	1	0	0
23:00	1	1	0	0	0
Total					
12H(7-19)	654	474	165	2	13
16H(6-22)	727	538	174	2	13
18H(6-24)	747	557	175	2	13
24H(0-24)	752	560	177	2	13
AM Peak	08:00	09:00	08:00	09:00	07:00
	60	37	23	1	3
PM Peak	17:00	17:00	17:00	16:00	16:00
	116	86	30	1	2

360 TSL Ltd

Direction: Eastbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	4	3	1	0	0
01:00	0	0	0	0	0
02:00	1	1	0	0	0
03:00	0	0	0	0	0
04:00	1	1	0	0	0
05:00	8	8	0	0	0
06:00	32	19	12	0	1
07:00	81	63	17	1	0
08:00	98	88	10	0	0
09:00	49	33	15	1	0
10:00	57	45	12	0	0
11:00	46	37	9	0	0
12:00	48	31	16	1	0
13:00	57	50	6	0	1
14:00	43	34	9	0	0
15:00	49	32	14	0	3
16:00	60	50	9	0	1
17:00	50	45	5	0	0
18:00	27	24	3	0	0
19:00	25	23	2	0	0
20:00	9	9	0	0	0
21:00	3	3	0	0	0
22:00	2	0	2	0	0
23:00	3	3	0	0	0
Total					
12H(7-19)	665	532	125	3	5
16H(6-22)	734	586	139	3	6
18H(6-24)	739	589	141	3	6
24H(0-24)	753	602	142	3	6
AM Peak	08:00	08:00	07:00	07:00	06:00
	98	88	17	1	1
PM Peak	16:00	13:00	12:00	12:00	15:00
	60	50	16	1	3

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	6	4	2	0	0
01:00	2	1	1	0	0
02:00	1	1	0	0	0
03:00	1	1	0	0	0
04:00	1	1	0	0	0
05:00	8	8	0	0	0
06:00	42	28	13	0	1
07:00	103	80	19	1	3
08:00	158	122	33	0	3
09:00	106	70	32	2	2
10:00	87	63	22	0	2
11:00	76	59	17	0	0
12:00	95	62	32	1	0
13:00	99	85	12	0	2
14:00	89	70	19	0	0
15:00	104	72	29	0	3
16:00	153	123	26	1	3
17:00	166	131	35	0	0
18:00	83	69	14	0	0
19:00	47	42	5	0	0
20:00	29	28	1	0	0
21:00	24	20	4	0	0
22:00	21	18	3	0	0
23:00	4	4	0	0	0
Total					
12H(7-19)	1319	1006	290	5	18
16H(6-22)	1461	1124	313	5	19
18H(6-24)	1486	1146	316	5	19
24H(0-24)	1505	1162	319	5	19
AM Peak	08:00	08:00	08:00	09:00	07:00
	158	122	33	2	3
PM Peak	17:00	17:00	17:00	12:00	15:00
	166	131	35	1	3

360 TSL Ltd



North Wales ATC 17, B5381 Roman Road

05/05/2022														
Hour Beginning	Total Volume	ECM Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-40	Bin 5 40-50	Bin 6 50-60	Bin 7 60-70	Bin 8 70-80	Bin 9 80-90	Bin 10 90-100
00:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0
01:00	2	56.0	45.0	10.6	0	0	0	1	0	0	1	0	0	0
02:00	1	-	-	-	0	0	0	0	0	1	0	0	0	0
03:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0
04:00	1	-	-	-	0	0	0	0	1	0	0	0	0	0
05:00	4	59.2	45.6	13.1	0	0	0	0	2	1	0	0	1	0
06:00	6	55.4	50.0	5.2	0	0	0	0	0	1	2	2	1	0
07:00	23	57.1	45.5	11.1	0	1	0	0	0	1	5	0	1	0
08:00	66	57.1	46.8	9.9	0	3	0	2	6	10	20	16	6	3
09:00	55	55.8	45.5	10.0	0	2	7	8	12	11	1	4	3	0
10:00	56	54.4	42.2	11.7	0	2	4	3	14	18	4	5	2	2
11:00	62	53.9	43.8	7.8	0	0	0	8	14	14	13	7	5	1
12:00	44	53.0	45.5	8.2	0	1	0	4	11	12	7	4	3	2
13:00	57	53.4	42.2	10.8	0	5	0	1	11	22	6	8	2	2
14:00	51	51.7	44.6	6.9	0	0	1	4	3	21	12	8	1	0
15:00	77	53.7	45.8	7.6	0	0	1	5	7	19	30	8	5	1
16:00	100	54.0	44.8	8.9	0	1	2	9	12	28	29	16	6	4
17:00	114	56.7	48.6	7.8	0	1	2	1	8	20	26	41	30	5
18:00	59	58.8	50.0	8.5	0	0	1	0	1	16	14	14	6	6
19:00	32	57.3	45.5	11.5	0	1	0	1	9	4	10	4	0	1
20:00	29	57.0	47.0	9.6	0	0	0	5	4	1	5	10	2	2
21:00	30	55.3	46.5	8.5	0	0	0	1	2	8	4	2	2	0
22:00	11	58.4	50.5	7.7	0	0	0	0	1	1	4	2	2	1
23:00	8	50.7	43.1	7.3	0	0	0	1	2	2	1	2	0	0
Total	118	53.3	43.1	9.8	0	2	4	11	28	32	17	52	7	3
2H(14-16)	128	52.9	45.3	7.3	0	0	2	9	10	40	42	16	6	2
12H(7-19)	772	55.2	45.5	9.3	0	15	13	46	100	196	134	143	50	32
24H(0-24)	886	55.3	45.7	9.3	0	16	13	52	121	215	201	166	56	39
AM Peak	08:00	05:00	06:00	05:00	00:00	08:00	10:00	11:00	10:00	10:00	08:00	08:00	08:00	07:00
PM Peak	17:00	18:00	22:00	19:00	12:00	13:00	16:00	16:00	16:00	16:00	15:00	17:00	17:00	18:00
	114	58.8	50.5	11.5	0	5	2	9	12	28	30	41	30	6

360 TSL Ltd

Direction: Eastbound														
Hour Beginning	Total Volume	ECM Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-40	Bin 5 40-50	Bin 6 50-60	Bin 7 60-70	Bin 8 70-80	Bin 9 80-90	Bin 10 90-100
00:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0
01:00	2	53.7	50.0	3.5	0	0	0	0	0	1	1	0	0	0
02:00	2	48.7	45.0	3.5	0	0	0	0	0	1	1	0	0	0
03:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0
04:00	4	49.8	42.5	7.1	0	0	0	0	2	1	0	1	0	0
05:00	13	55.5	45.8	8.4	0	0	0	1	1	2	2	1	0	0
06:00	26	57.8	48.7	8.8	0	0	0	0	1	8	11	3	1	2
07:00	84	55.6	48.1	7.3	0	0	0	3	7	19	24	35	13	3
08:00	93	54.7	45.2	9.1	0	1	8	0	0	21	25	20	8	1
09:00	65	51.2	43.1	7.8	0	0	4	4	14	13	19	8	3	0
10:00	69	47.4	41.5	9.0	0	1	12	10	33	8	6	0	0	0
11:00	64	50.4	42.2	7.9	0	1	3	3	12	26	12	4	2	1
12:00	51	51.4	45.6	5.6	0	0	0	2	3	19	19	6	1	1
13:00	62	50.5	45.4	6.9	0	1	1	1	12	23	16	4	2	0
14:00	44	50.2	43.2	6.8	0	0	1	4	5	19	10	4	0	1
15:00	46	51.2	44.6	7.2	0	0	1	2	9	9	16	7	1	0
16:00	73	53.1	45.6	7.3	0	0	1	1	10	22	25	12	1	0
17:00	63	54.4	45.8	10.2	0	2	2	2	14	15	16	7	3	1
18:00	43	54.3	44.0	10.0	0	1	1	1	7	5	13	8	4	0
19:00	31	53.6	47.5	5.9	0	0	0	0	2	11	7	7	4	0
20:00	12	61.6	49.8	10.8	0	0	0	0	1	3	2	0	3	0
21:00	8	54.3	43.9	12.0	0	0	1	0	4	1	0	1	0	1
22:00	5	68.7	58.0	10.4	0	0	0	0	1	1	1	1	1	0
23:00	2	51.0	40.0	10.6	0	0	0	1	0	0	1	0	0	0
Total	133	48.9	41.7	7.0	0	1	4	15	22	58	20	30	2	1
2H(14-16)	90	51.2	44.0	7.0	0	0	2	6	14	28	11	1	2	0
12H(7-19)	757	52.6	44.3	8.0	0	6	26	35	112	223	203	103	36	11
24H(0-24)	862	53.2	44.7	8.2	0	6	28	38	123	240	230	134	44	15
AM Peak	08:00	05:00	05:00	05:00	00:00	08:00	08:00	10:00	09:00	10:00	08:00	08:00	07:00	07:00
PM Peak	17:00	18:00	22:00	21:00	12:00	13:00	16:00	16:00	16:00	16:00	16:00	16:00	17:00	17:00
	93	57.8	50.8	9.4	0	1	8	10	14	32	25	30	3	2

360 TSL Ltd

Direction: Total Flow														
Hour Beginning	Total Volume	ECM Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-40	Bin 5 40-50	Bin 6 50-60	Bin 7 60-70	Bin 8 70-80	Bin 9 80-90	Bin 10 90-100
00:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0
01:00	4	54.8	47.5	7.1	0	0	0	0	1	0	1	2	0	0
02:00	3	48.8	45.8	2.8	0	0	0	0	0	1	2	0	0	0
03:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0
04:00	5	48.8	42.5	-	0	0	0	0	0	2	0	1	0	0
05:00	17	56.0	45.7	10.0	0	0	1	1	3	3	2	5	1	1
06:00	12	57.4	46.9	8.2	0	0	0	0	9	11	5	2	0	2
07:00	107	56.1	47.5	8.3	0	1	0	9	12	27	25	20	13	6
08:00	159	55.7	45.9	9.5	0	4	8	2	15	31	45	36	14	4
09:00	120	53.4	44.2	8.9	0	0	6	11	22	31	29	7	2	1
10:00	125	51.0	41.7	9.0	0	2	5	15	24	50	12	11	2	2
11:00	156	51.2	45.1	7.9	0	1	3	11	26	40	25	11	7	0
12:00	95	52.4	44.6	7.5	0	1	0	6	14	31	26	10	4	3
13:00	119	52.1	42.8	9.0	0	0	1	2	23	40	22	14	4	2
14:00	95	51.0	43.9	6.8	0	0	2	8	8	40	22	12	1	2
15:00	123	53.1	45.4	7.4	0	0	2	7	16	28	46	35	6	2
16:00	181	53.7	45.1	8.3	0	2	3	10	18	50	54	28	7	4
17:00	177	56.2	46.9	9.0	0	3	4	3	22	35	42	48	11	8
18:00	102	57.4	47.1	9.6	0	1	5	1	8	23	27	22	10	6
19:00	63	55.9	46.5	9.1	0	1	0	1	11	15	17	11	4	1
20:00	41	58.1	47.8	9.9	0	0	0	6	5	3	8	12	2	5
21:00	28	55.1	45.2	9.6	0	0	1	1	4	1	1	1	3	0
22:00	16	62.1	52.8	9.0	0	0	0	0	1	1	5	3	4	1
23:00	10	50.2	45.5	7.5	0	0	0	2	2	2	2	0	0	0
Total	251	51.1	42.4	8.5	0	3	8	26	50	90	37	22	9	4
2H(14-16)	218	52.2	44.8	7.2	0	0	4	15	24	68	68	27	7	4
12H(7-19)	2020	53.9	44.9	8.7	0	21	39	79	212	419	377	246	86	43
24H(0-24)	1748	54.3	45.2	8.8	0	22	41	90	244	464	431	290	100	54
AM Peak	08:00	05:00	05:00	05:00	00:00	08:00	08:00	10:00	11:00	10:00	08:00	08:00	08:00	07:00
PM Peak	16:00	22:00	22:00	20:00	12:00	13:00	18:00	16:00	13:00	16:00	16:00	17:00	17:00	19:00
	181	62.1	52.8	9.9	0	6	5	10	23	50	54	28	11	8

360 TSL Ltd



North Wales ATC 17, B5381 Roman Road

Direction: Westbound

06/05/2022																
Hour Beginning	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-40	Bin 5 40-50	Bin 6 50-60	Bin 7 60-70	Bin 8 70-80	Bin 9 80-90	Bin 10 90-100	Bin 11 100-110	Bin 12 >110
00:00	2	63.1	45.0	17.7	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
02:00	1	-	52.5	-	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
05:00	2	66.7	61.3	5.3	0	0	0	0	0	0	0	0	0	0	0	0
06:00	7	53.9	48.9	4.8	0	0	0	0	0	2	1	4	0	0	0	0
07:00	25	60.0	49.0	10.6	0	1	0	0	1	3	5	10	3	0	0	0
08:00	73	60.3	49.1	10.8	1	2	0	1	5	9	22	10	16	7	0	0
09:00	39	59.7	50.8	8.6	0	0	0	0	4	5	11	9	5	0	0	0
10:00	40	52.9	41.9	10.5	0	0	4	6	7	5	11	9	3	0	0	0
11:00	44	52.4	42.9	9.1	0	1	2	1	10	16	6	5	1	2	0	0
12:00	56	52.8	44.5	8.1	0	0	2	7	5	14	11	14	3	0	0	0
13:00	63	53.4	46.3	6.8	0	0	0	2	9	17	17	11	6	1	0	0
14:00	71	53.6	44.1	8.3	0	0	4	7	5	21	23	7	2	1	0	0
15:00	50	55.9	47.6	8.0	0	0	0	3	2	17	11	9	4	4	0	0
16:00	58	54.0	46.7	7.7	0	0	0	0	0	19	30	22	7	5	0	0
17:00	97	52.7	44.9	7.6	0	0	2	7	24	24	22	13	8	2	0	0
18:00	88	52.2	45.2	6.8	0	0	0	3	14	33	19	13	3	3	0	0
19:00	48	52.3	44.8	7.1	0	0	0	3	10	11	15	5	3	1	0	0
20:00	21	56.0	46.5	9.1	0	0	0	1	3	9	2	1	3	2	0	0
21:00	18	51.3	43.3	7.7	0	0	0	2	5	5	2	2	3	0	0	0
22:00	12	54.1	45.2	8.6	0	0	0	1	2	4	2	2	0	1	0	0
23:00	7	52.2	43.9	8.0	0	0	0	1	1	2	2	0	1	0	0	0
Total																
2014-10-12	84	52.6	42.4	9.8	0	1	6	7	19	23	12	9	2	5	0	0
2014-11-10	121	54.7	45.6	8.9	0	0	4	10	7	38	34	16	6	5	0	1
12H7-19	774	55.0	46.0	8.7	1	4	14	34	110	193	180	120	59	33	1	2
24H0-24	872	54.8	45.9	8.6	1	4	14	42	130	226	209	135	70	38	1	2
AM Peak	08:00	05:00	05:00	05:00	08:00	08:00	08:00	10:00	11:00	11:00	08:00	07:00	08:00	08:00	09:00	00:00
	73	66.7	61.3	17.7	1	2	4	6	10	16	22	10	16	7	1	0
PM Peak	16:00	20:00	15:00	14:00	12:00	12:00	14:00	12:00	17:00	18:00	16:00	16:00	17:00	15:00	12:00	14:00
	108	58.0	47.6	9.2	0	0	4	7	24	33	32	15	8	4	0	1

360 TSL Ltd

Direction: Eastbound

Hour Beginning	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-40	Bin 5 40-50	Bin 6 50-60	Bin 7 60-70	Bin 8 70-80	Bin 9 80-90	Bin 10 90-100	Bin 11 100-110	Bin 12 >110
00:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	-	52.5	-	0	0	0	0	0	0	0	0	0	0	0	0
02:00	1	-	57.5	-	0	0	0	0	0	0	0	0	0	0	1	0
03:00	3	64.4	50.0	13.9	0	0	0	0	1	1	0	1	0	0	0	0
04:00	11	54.9	45.9	8.7	0	0	0	0	0	3	2	0	0	0	1	0
05:00	28	57.8	51.0	6.5	0	0	0	0	1	2	11	9	2	3	0	0
06:00	76	55.9	50.7	5.0	0	0	0	0	2	3	31	27	11	2	0	0
07:00	94	52.7	47.0	5.4	0	0	0	0	1	7	24	36	21	4	1	0
08:00	48	50.9	44.5	6.2	0	0	0	1	12	14	12	6	3	0	0	0
09:00	51	50.3	41.5	6.6	0	0	1	1	12	21	8	4	4	0	0	0
10:00	54	48.5	42.5	5.7	0	0	0	4	16	17	10	7	0	0	0	0
11:00	67	50.4	42.8	7.4	0	0	3	6	12	19	18	8	0	1	0	0
12:00	63	51.5	45.1	6.2	0	0	0	0	12	25	15	5	5	1	0	0
13:00	37	50.1	43.3	6.5	0	0	0	3	8	15	4	5	2	0	0	0
14:00	57	48.2	41.5	5.6	0	0	0	2	22	16	11	5	1	0	0	0
15:00	67	52.9	46.6	6.1	0	0	0	1	7	17	29	5	7	1	0	0
16:00	40	49.2	44.3	4.9	0	0	0	0	5	23	6	5	0	0	0	0
17:00	34	52.3	46.2	5.8	0	0	0	1	3	12	8	8	2	0	0	0
18:00	23	53.0	46.2	6.6	0	0	0	1	3	7	3	8	1	0	0	0
19:00	10	48.3	40.8	7.3	0	0	0	1	0	0	1	1	0	0	0	0
20:00	4	48.0	45.0	2.9	0	0	0	0	0	0	2	0	0	0	0	0
21:00	2	38.7	36.0	3.5	0	0	0	0	1	0	0	0	0	0	0	0
22:00	2	48.7	45.0	3.5	0	0	0	0	0	1	1	0	0	0	0	0
Total																
2014-10-12	105	49.4	43.0	6.1	0	0	1	5	28	38	18	11	4	0	0	0
2014-14-16	94	48.9	42.7	6.0	0	0	0	5	30	31	15	10	3	0	0	0
12H7-19	688	51.9	45.2	6.4	0	0	4	20	118	206	188	106	40	6	0	0
24H0-24	774	52.3	45.4	6.6	0	0	6	22	126	226	209	128	40	10	0	0
AM Peak	08:00	04:00	03:00	04:00	00:00	00:00	05:00	11:00	11:00	08:00	07:00	07:00	06:00	00:00	00:00	00:00
	94	64.4	51.5	13.9	0	0	5	4	16	24	36	27	11	3	0	0
PM Peak	12:00	19:00	16:00	12:00	12:00	13:00	12:00	15:00	19:00	16:00	12:00	16:00	12:00	12:00	14:00	12:00
	87	53.0	46.6	7.4	0	0	3	6	22	25	29	8	7	1	0	0

360 TSL Ltd

Direction: Total Flow

06/05/2022																	
Hour Beginning	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-40	Bin 5 40-50	Bin 6 50-60	Bin 7 60-70	Bin 8 70-80	Bin 9 80-90	Bin 10 90-100	Bin 11 100-110	Bin 12 >110	
00:00	3	56.2	42.5	12.2	0	0	0	0	0	0	0	0	0	0	0	0	
01:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0	
02:00	2	52.5	52.5	0.0	0	0	0	0	0	0	0	0	0	0	0	0	
03:00	1	-	57.5	-	0	0	0	0	0	0	0	0	0	1	0	0	
04:00	3	64.4	50.0	13.9	0	0	0	0	1	0	1	0	0	0	0	0	
05:00	35	57.0	56.6	6.2	0	0	0	0	0	1	12	13	7	2	1	1	
06:00	351	53.3	53.3	6.8	1	0	0	1	5	5	36	30	7	3	1	1	
08:00	367	56.5	42.8	8.3	1	2	0	2	12	13	58	31	20	8	0	0	
09:00	67	57.3	43.0	6.0	0	0	1	16	18	13	20	13	10	4	0	0	
10:00	91	51.7	42.8	8.5	0	0	5	7	21	28	14	8	5	3	2	0	
11:00	96	50.7	42.7	7.4	0	0	0	0	0	0	0	0	0	0	0	0	
12:00	123	51.5	44.6	7.7	0	0	5	13	17	33	29	22	3	1	0	0	
13:00	126	52.5	45.7	6.5	0	0	0	0	7	21	42	32	16	11	2	0	
14:00	108	52.1	45.8	8.3	0	0	4	10	13	36	27	12	7	0	0	0	
15:00	107	52.3	44.8	7.3	0	0	0	0	5	24	33	22	14	4	0	0	
16:00	147	56.7	44.5	8.1	0	0	1	26	47	26	43	27	14	5	0	0	
17:00	137	51.8	44.7	6.9	0	0	2	2	29	47	28	18	9	3	0	0	
18:00	122	52.5	45.8	6.9	0	0	0	0	0	0	0	0	0	0	0	0	
19:00	71	52.4	45.3	6.9	0	0	0	4	13	18	18	13	4	1	0	0	
20:00	31	53.9	44.7	8.9	0	0	1	1	6	13	3	2	3	2	0	0	
21:00	22	51.8	45.8	6.9	0	0	0	0	0	0	0	0	0	0	0	0	
22:00	14	52.9	43.8	8.8	0	0	0	0	2	3	7	4	2	2	0	1	0
23:00	9	53.1	46.2	7.1	0	0	0	0	1	3	3	2	0	1	0	0	
Total																	
2019-12-15	189	51.0	42.8	8.0	1	7	12	47	61	30	20	6	5	0	0	0	
2019-12-16	215	52.4	44.3	7.8	0	4	15	37	69	49	26	9	5	0	1	0	
2019-12-17	144	51.7	43.1	7.1	0	1	14	13	33	227	329	978	718	208	99	9	
2019-12-24	1646	53.7	45.7	7.7	0	1	4	20	64	258	452	418	263	115	48	1	2
AM Peak	08:00	04:00	09:00	09:00	08:00	08:00	12:00	12:00	12:00	12:00	17:00	16:00	16:00	13:00	16:00	12:00	14:00
PM Peak	14:00	10:00	10:00	10:00	12:00	12:00	12:00	12:00	17:00	16:00	16:00	16:00	13:00	16:00	12:00	14:00	14:00
	57	94.9	49.7	8.8							61	22	34				



North Wales ATC 17, B5381 Roman Road

Direction: Westbound																07/05/2022
Hour	Total Volume	ESD Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-40	Bin 5 40-50	Bin 6 50-60	Bin 7 60-70	Bin 8 70-80	Bin 9 80-90	Bin 10 90-95	Bin 12 >95	
00:00	5	58.7	46.0	10.4	0	0	0	0	0	0	1	2	0	0	0	
01:00	1	-	47.5	-	0	0	0	0	0	0	1	0	0	0	0	
02:00	2	65.1	45.3	10.0	0	0	0	0	0	0	0	0	0	0	0	
03:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	
04:00	1	-	37.5	-	0	0	0	0	0	1	0	0	0	0	0	
05:00	1	-	57.5	-	0	0	0	0	0	0	0	0	1	0	0	
06:00	6	56.2	47.5	8.4	0	0	0	0	1	0	3	1	1	0	0	
07:00	7	52.4	39.3	12.6	0	1	0	0	1	1	2	1	0	0	0	
08:00	28	55.2	47.0	7.9	0	0	0	1	5	5	8	6	1	2	0	
09:00	47	54.9	46.4	8.2	0	0	0	1	8	14	14	4	3	2	0	
10:00	59	53.7	46.5	8.9	0	1	0	3	12	22	8	6	3	4	0	
11:00	79	55.4	46.8	8.3	0	0	0	7	11	14	19	16	8	4	0	
12:00	79	53.5	46.2	8.0	0	2	2	4	11	24	19	7	9	1	0	
13:00	80	55.1	45.0	9.8	0	4	0	0	13	20	25	9	7	1	1	
14:00	65	53.9	45.0	10.5	1	2	2	7	6	17	17	8	3	2	0	
15:00	58	55.4	45.5	9.6	0	2	0	3	8	14	13	12	3	3	0	
16:00	71	56.9	46.9	9.6	0	1	0	2	7	17	22	16	0	3	0	
17:00	39	56.3	48.9	7.1	0	0	0	1	1	11	10	8	6	2	0	
18:00	32	55.2	46.5	8.4	0	1	0	0	4	7	9	7	4	0	0	
19:00	22	57.1	46.5	10.3	0	0	1	1	4	5	3	3	3	2	0	
20:00	12	51.8	45.0	6.6	0	0	0	0	3	4	2	2	1	0	0	
21:00	16	60.2	48.3	11.5	0	0	0	1	1	4	6	2	1	0	1	
22:00	9	61.1	48.9	11.8	0	0	0	1	0	3	1	3	0	0	1	
23:00	4	57.6	47.5	9.1	0	0	0	0	1	1	0	1	1	0	0	
Total																
2H(14-13)	138	54.8	45.8	8.6	0	1	0	10	23	36	27	22	11	8	0	
2H(14-16)	123	54.6	44.2	10.1	1	4	2	10	14	31	30	20	6	5	0	
12H(7-19)	551	45.6	46.1	9.2	1	14	9	30	87	166	166	100	47	23	5	
24H(0-24)	723	55.3	45.7	9.3	1	14	7	34	98	184	184	112	56	26	1	
AM Peak	11:00	02:00	05:00	02:00	00:00	07:00	02:00	11:00	10:00	10:00	11:00	11:00	11:00	10:00	09:00	00:00
	79	65.1	57.5	23.0	0	1	1	7	12	22	19	16	8	4	1	0
PM Peak	13:00	22:00	17:00	22:00	14:00	13:00	12:00	14:00	13:00	12:00	13:00	16:00	12:00	15:00	16:00	21:00
	80	63.1	48.9	11.8	1	4	2	7	13	24	25	10	9	3	3	1

360 TSL Ltd

Direction: Eastbound

Hour Beginning	Total Volume	ESD Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-40	Bin 5 40-50	Bin 6 50-60	Bin 7 60-70	Bin 8 70-80	Bin 9 80-90	Bin 10 90-95	Bin 11 95-99	Bin 12 >99
00:00	3	52.9	42.5	10.0	0	0	0	1	0	1	0	1	0	0	0	0
01:00	2	47.5	47.5	0.0	0	0	0	0	0	0	2	0	0	0	0	0
02:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
04:00	2	56.0	45.0	10.6	0	0	0	0	1	0	0	1	0	0	0	0
05:00	4	56.9	46.3	10.0	0	0	0	1	0	0	2	0	0	0	0	0
06:00	8	64.8	52.8	11.6	0	0	0	0	1	7	1	0	1	3	0	0
07:00	22	55.4	48.3	6.9	0	0	0	0	3	3	8	5	2	1	0	0
08:00	32	58.9	47.8	10.7	0	0	2	4	2	7	9	2	4	0	0	0
09:00	43	49.7	42.7	6.7	0	0	1	1	14	13	9	4	0	1	0	0
10:00	43	49.8	45.5	6.5	0	1	0	1	9	15	13	2	2	0	0	0
11:00	54	53.9	45.8	7.7	0	0	1	1	7	19	15	4	4	3	0	0
12:00	41	49.3	43.0	6.0	0	0	1	2	6	19	10	1	2	0	0	0
13:00	48	52.7	44.4	7.5	1	0	1	0	1	18	10	8	1	1	0	0
14:00	49	51.2	42.4	8.5	0	0	2	5	15	10	9	5	1	2	0	0
15:00	53	52.3	43.7	8.9	0	1	5	1	13	14	7	2	4	0	0	0
16:00	49	55.6	45.4	9.9	0	1	0	2	12	12	8	7	4	2	1	0
17:00	46	55.0	46.0	8.6	0	0	0	0	9	7	24	5	4	4	0	0
18:00	49	53.1	46.1	8.6	0	0	0	5	11	16	7	5	3	1	1	0
19:00	28	54.3	46.2	7.9	0	0	1	1	5	3	7	9	2	0	0	0
20:00	13	56.3	46.3	9.6	0	0	0	0	3	4	2	3	0	0	0	0
21:00	4	62.2	46.9	14.8	0	0	0	1	1	0	0	1	0	1	0	0
22:00	7	54.5	48.2	6.1	0	0	0	0	0	1	1	1	0	0	0	0
23:00	1	-	75.0	-	0	0	0	0	0	0	0	0	0	0	1	0
Total																
2H(10-12)	97	52.2	44.8	7.1	0	0	2	2	16	34	28	6	6	3	0	0
2H(14-16)	402	51.7	43.1	8.4	0	1	3	8	26	23	23	12	3	3	0	0
12H(7-19)	529	53.0	44.5	8.2	0	3	10	23	107	161	115	61	27	20	2	0
24H(0-24)	601	53.6	44.9	8.4	0	3	11	30	116	170	132	77	36	34	3	0
AM Peak	11:00	06:00	06:00	06:00	00:00	00:00	08:00	08:00	09:00	11:00	11:00	08:00	11:00	08:00	00:00	00:00
	14	64.4	51.8	11.6	0	0	2	2	14	19	15	9	4	4	0	0
PM Peak	15:00	21:00	23:00	21:00	13:00	13:00	14:00	14:00	14:00	15:00	19:00	16:00	17:00	16:00	15:00	21:00
	53	62.2	75.0	14.8	0	1	2	5	15	21	14	8	4	4	1	0

360 TSL Ltd

Direction: Total Flow

Hour	Total Volume	ESD Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-40	Bin 5 40-50	Bin 6 50-60	Bin 7 60-70	Bin 8 70-80	Bin 9 80-90	Bin 10 90-95	Bin 11 95-99	Bin 12 >99
00:00	8	56.2	45.9	9.9	0	0	0	1	1	2	2	1	0	1	0	0
01:00	3	47.5	47.5	0.0	0	0	0	0	0	0	3	0	0	0	0	0
02:00	2	65.1	45.3	10.0	0	0	0	0	1	0	0	0	0	1	0	0
03:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
04:00	3	51.5	42.5	8.7	0	0	0	0	0	0	2	0	0	1	0	0
05:00	5	59.1	48.5	10.2	0	0	0	1	0	0	2	0	2	0	0	0
06:00	14	61.3	50.3	10.3	0	0	0	1	1	2	4	1	2	1	0	0
07:00	29	55.7	46.1	9.2	0	1	0	1	4	4	10	6	2	1	0	0
08:00	60	57.2	47.4	9.5	0	0	2	3	9	7	15	15	3	6	0	0
09:00	90	52.6	44.6	7.7	0	0	1	2	22	27	23	8	3	3	1	0
10:00	102	52.2	44.1	7.8	0	1	1	4	21	37	21	8	5	4	0	0
11:00	132	54.8	46.4	8.1	0	0	1	8	18	33	34	20	12	7	0	0
12:00	120	52.2	43.8	8.1	0	2	3	6	17	43	29	8	11	1	0	0
13:00	128	54.1	44.8	10.0	0	0	0	5	21	38	35	17	8	2	1	0
14:00	114	52.7	42.7	9.6	1	2	4	12	21	27	26	13	4	4	0	0
15:00	111	53.9	44.6	9.0	0	3	1	6	19	27	27	19	5	4	0	0
16:00	120	56.3	46.3	9.7	0	2	1	4	19	29	30	23	4	4	0	0
17:00	85	55.7	47.4	8.1	0	0	1	1	8	32	15	12	10	6	0	0
18:00	81	53.9	45.1	8.5	0	1	0	5	15	23	16	12	7	1	0	0
19:00	50	55.5	46.3	8.9	0	0	2	2	9	8	10	12	5	2	0	0
20:00	25	54.1	45.7	8.1	0	0	0	3	4	4	6	4	4	0	0	0
21:00	20	60.2	48.0	11.8	0	0	0	0	2	3	1	1	1	0	1	0
22:00	16	58.4	48.6	9.4	0	0	0	1	0	6	2	5	1	0	1	0
23:00	5	68.2	53.0	14.6	0	0	0	0	1	1	0	1	1	0	1	0
Total																
2H(10-12)	235	53.7	45.4	8.0	0	1	2	12	39	70	55	28	17	11	0	0
2H(14-16)	225	53.4	43.7	9.4	1	5	5	18	40	54	53	32	9	8	0	0
12H(7-19)	1173	54.2	45.1	8.8	1	17	15	53	194	327	281	161	74	43	7	0
24H(0-24)	1324	54.6	45.3	8.9	1	17	18	64	214	354	316	189	91	50	9	0
Avg	11:00	62.00	60.00	00.00	07:00	08:00	11:00	08:00	11:00	11:00	11:00	11:00	11:00	11:00	11:00	00:00
Std Dev	12.12	12.12	12.12	12.12	12.12	12.12	12.12	12.12	12.12	12.12	12.12	12.12	12.12	12.12	12.12	12.12
Std Dev	11:00	23.00	21.00	21.00	14:00	13:00	14:00	14:00	13:00	12:00	13:00	16:00	12:00	17:00	16:00	21:00
Min	128	48.2	53.0	14.6	1	4	4	12	21	43	35	21	11	11	1	0



North Wales ATC 17, B5381 Roman Road

Direction: Westbound

08/05/2022

Year	Total	25th Percentile	Median	Standard Deviation																
					10th-11th	10-20	20-30	30-40	40-50	50-60	60-70	70-80	80-90	90-100	100-110	110-120	120-130	130-140	140-150	
0:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0:05	2	61.0	50.0	20.6	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	
0:10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0:15	1	57.5	50.0	20.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0:20	1	37.5	50.0	20.6	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	
0:25	1	50.0	50.0	20.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0:30	3	56.8	50.8	5.8	0	0	0	0	0	0	2	0	1	0	0	0	0	0	0	
0:35	41	56.8	50.5	7.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0:40	10	58.6	47.5	10.7	0	0	0	0	1	3	2	1	0	1	0	2	0	0	0	
0:45	28	57.9	47.5	10.7	0	1	0	0	1	11	7	2	1	0	0	0	0	0	0	
0:50	90	60.7	48.8	11.6	0	1	0	3	5	14	11	1	0	0	0	0	0	0	0	
1:00	51	52.4	48.7	7.4	0	0	0	4	12	12	12	0	0	0	0	0	0	0	0	
1:05	88	51.3	49.3	8.1	0	0	0	1	14	10	10	0	0	0	0	0	0	0	0	
1:10	48	51.9	49.0	8.6	0	0	0	4	5	12	14	4	0	0	0	0	0	0	0	
1:15	60	55.1	48.6	11.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1:20	49	58.9	47.8	11.6	0	0	0	0	5	7	12	7	9	3	3	2	1	0	0	
1:25	55	55.6	47.8	11.6	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	
1:30	35	61.6	49.9	11.6	0	2	0	0	1	6	5	12	4	5	0	0	0	0	0	
1:35	20	54.4	48.4	7.7	0	0	0	0	2	5	5	5	2	0	0	0	0	0	0	
1:40	34	58.7	48.8	20.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1:45	20	54.7	47.1	7.4	0	0	0	1	1	7	4	0	0	0	0	0	0	0	0	
1:50	1	58.7	37.5	10.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1:55	2	58.8	52.5	7.1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	
2:00	1	58.7	50.8	7.6	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	
<b>Total</b>																				
<b>2004-12</b>																				
000	503	56.8	46.7	9.8	0	3	0	5	15	17	26	20	10	7	0	0	0	0	0	
001	509	58.0	48.2	11.4	0	2	1	9	12	28	18	11	5	3	1	0	0	0	0	
002	508	58.4	46.2	9.8	0	3	0	7	20	24	34	86	27	17	0	0	0	0	0	
003	517	56.5	46.4	9.8	0	10	8	28	63	130	113	92	49	29	4	0	0	0	0	
<b>2004-13</b>																				
000	11	61.8	53.0	10.0	00	00	00	10	10	10	10	10	10	00	00	00	00	00	00	
001	5	61.8	53.5	11.8	0	3	0	4	12	12	14	11	7	6	0	0	0	0	0	
<b>2004-14</b>																				
000	12	107	12.00	15.00	12	10	14	13	13	12	12	10	10	10	10	10	15	15	15	
001	5	12.5	12.1	12.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

360 TSL Ltd

Direction: Eastbound

Year	Total	25th	Mean	Stand.	Bin 1	Bin 2	Bin 3	Bin 4	Bin 5	Bin 6	Bin 7	Bin 8	Bin 9	Bin 10	Bin 11	Bin 12
Percentage	Score	Percentile	Deviation	1	2	3	4	5	6	7	8	9	10	11	12	
0000	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
0005	0	71.4	53.3	28.6	0	0	0	0	0	0	0	0	0	0	0	0
0010	0	-	52.5	-	0	0	0	0	0	0	0	0	0	0	0	0
0015	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
0020	2	56.0	40.0	10.0	0	0	0	0	1	0	0	0	0	0	0	0
0025	4	58.0	40.0	9.1	0	0	0	0	0	1	0	0	0	0	0	0
0030	6	60.5	48.8	10.6	0	0	0	1	0	1	2	0	0	0	0	0
0035	8	62.4	47.8	4.3	0	0	0	0	0	0	1	2	1	0	0	0
0040	17	56.7	48.7	6.7	0	0	0	0	1	3	5	2	1	0	0	0
0045	29	51.9	44.2	7.5	0	0	0	0	0	0	0	0	0	0	0	0
0050	58	51.0	43.2	7.4	0	1	0	1	15	23	11	5	1	0	1	0
0055	57	54.0	43.4	6.8	0	1	0	2	6	20	16	8	2	1	1	0
0100	127	53.5	42.2	8.3	0	1	1	16	9	12	11	2	1	0	1	0
0105	155	58.7	46.4	11.9	0	0	0	1	2	9	21	11	5	2	0	1
0110	151	54.6	46.1	6.8	0	0	0	2	12	12	11	5	2	0	0	0
0115	168	47.8	40.8	6.8	0	1	1	6	27	13	16	3	1	0	0	0
0120	165	51.0	44.5	-	0	0	0	4	24	33	3	1	0	0	0	0
0125	151	53.7	46.1	8.3	0	0	0	0	4	8	19	9	5	2	4	0
0130	46	53.5	43.4	6.9	0	0	1	1	8	11	12	4	0	0	0	0
0135	25	43.4	46.4	7.6	0	0	0	0	0	0	0	0	0	0	0	0
0140	20	53.2	46.2	7.8	0	0	0	2	2	3	3	0	0	0	0	0
0145	18	64.2	45.6	8.1	0	0	0	0	0	0	0	0	0	0	0	0
0150	2	47.5	47.5	0.0	0	0	0	0	0	0	2	0	0	0	0	0
0155	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
Total																
2013-10	115	52.6	44.3	8.0	0	2	0	3	21	43	27	13	3	1	2	0
2014-11	119	51.0	42.2	8.5	0	3	1	8	39	25	29	9	2	1	0	0
2015-12	108	51.0	42.2	8.5	0	7	2	34	31	24	21	9	4	0	0	0
2016-24	647	53.0	44.4	8.2	0	9	5	30	130	192	161	77	27	11	4	3
2017-24																
2018-30	15	50.0	50.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0
2019-36	58	71.4	53.3	18.4	0	1	0	2	15	23	16	8	2	1	1	0
2020-42																
2020-48	15	50.0	50.0	0.0	12	14	14	12	15	15	16	10	12	16	17	13
2021-54	58	71.4	53.3	18.4	0	1	0	2	15	23	16	8	2	1	1	0

360 TSL Ltd

Direction: Total Flow

[illegible]

360 TSL Ltd



North Wales ATC 17, B5381 Roman Road

Direction: Westbound

09/05/2022																			
Hour Beginning	Total Volume	ECN Percentage	Mean Average	Standard Deviation	Bin 1 10-20m	Bin 2 20-30m	Bin 3 30-40m	Bin 4 40-50m	Bin 5 50-60m	Bin 6 60-65m	Bin 7 65-70m	Bin 8 70-75m	Bin 9 75-80m	Bin 10 80-90m	Bin 11 90-95m	Bin 12 95-100m			
00:00	2	48.7	45.0	3.5	0	0	0	0	0	0	0	0	0	0	0	0			
01:00	2	51.0	40.0	10.6	0	0	0	1	0	0	1	0	0	0	0	0			
02:00	1	-	42.5	-	0	0	0	0	0	0	1	0	0	0	0	0			
03:00	1	-	57.5	-	0	0	0	0	0	0	0	0	0	1	0	0			
04:00	2	43.7	40.0	3.5	0	0	0	0	1	1	0	0	0	0	0	0			
05:00	2	43.7	40.0	3.5	0	0	0	0	1	1	0	0	0	0	0	0			
06:00	11	58.9	52.7	6.0	0	0	0	0	0	1	2	5	2	1	0	0			
07:00	26	56.2	43.8	6.1	0	0	0	0	0	0	6	6	0	1	0	0			
08:00	57	52.8	42.1	10.4	0	0	8	7	8	9	12	9	2	2	2	0			
09:00	44	53.4	41.3	9.8	0	0	5	3	7	8	10	7	0	1	0	0			
10:00	36	50.0	41.9	7.9	0	0	0	8	9	7	6	5	0	1	0	0			
11:00	68	52.2	40.1	11.6	0	7	5	4	9	16	17	6	4	0	0	0			
12:00	47	53.6	44.2	9.1	0	0	0	6	11	8	14	6	0	0	2	0			
13:00	32	50.1	42.8	7.0	0	0	1	0	11	10	6	3	0	1	0	0			
14:00	83	51.0	37.7	23.9	0	10	11	7	14	19	15	2	1	3	1	0			
15:00	80	51.7	38.0	13.2	1	11	9	4	8	22	14	5	5	1	0	0			
16:00	94	54.9	42.8	12.7	1	6	11	5	11	17	17	13	7	1	0	0			
17:00	122	55.1	41.0	13.6	0	16	10	5	6	29	28	18	5	4	1	0			
18:00	49	56.5	49.0	7.2	0	0	0	1	3	11	13	12	6	3	0	0			
19:00	33	62.5	52.7	10.3	0	0	0	0	0	5	6	5	0	0	0	1			
20:00	19	59.5	50.8	8.4	0	0	0	0	3	0	6	6	1	3	0	0			
21:00	16	55.1	45.9	8.8	0	0	1	0	2	4	4	4	0	1	0	0			
22:00	8	59.6	50.3	9.0	0	0	0	0	1	2	0	3	1	1	0	0			
23:00	4	55.3	48.8	16.9	0	0	1	0	0	0	2	0	1	0	0	0			
Total	2914	52.1	40.7	10.4	0	7	5	12	18	23	23	11	4	1	0	0			
2H14-16	163	51.3	37.9	13.0	1	21	20	11	22	41	29	7	6	4	1	0			
12H7-19	138	53.8	41.6	11.8	2	50	40	30	101	163	158	96	33	20	5	0			
24H0-24	839	54.8	42.6	11.8	2	50	42	31	111	183	177	122	43	32	5	1			
AM Peak	11:00	06:00	03:00	11:00	00:00	11:00	08:00	10:00	10:00	11:00	11:00	08:00	11:00	07:00	00:00	00:00			
	68	58.9	57.5	11.6	0	7	8	8	9	16	17	9	4	3	0	0			
PM Peak	17:00	23:00	19:00	23:00	15:00	17:00	14:00	14:00	14:00	17:00	17:00	17:00	16:00	19:00	12:00	19:00			
	122	60.3	53.7	16.9	1	16	11	7	14	29	28	18	7	5	2	1			

360 TSL Ltd

Direction: Eastbound

09/05/2022																			
Hour Beginning	Total Volume	ECN Percentage	Mean Average	Standard Deviation	Bin 1 10-20m	Bin 2 20-30m	Bin 3 30-40m	Bin 4 40-50m	Bin 5 50-60m	Bin 6 60-65m	Bin 7 65-70m	Bin 8 70-75m	Bin 9 75-80m	Bin 10 80-90m	Bin 11 90-95m	Bin 12 95-100m			
00:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0			
01:00	2	42.5	42.5	0.0	0	0	0	0	0	0	2	0	0	0	0	0			
02:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0			
03:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0			
04:00	1	-	37.5	-	0	0	0	0	1	0	0	0	0	0	0	0			
05:00	8	56.3	48.4	7.6	0	0	0	0	0	3	3	1	0	0	0	0			
06:00	30	55.4	49.7	5.5	0	0	0	1	0	4	9	12	4	0	0	0			
07:00	85	55.3	45.1	9.9	0	0	11	6	1	10	26	29	8	0	0	0			
08:00	106	52.5	45.7	6.5	0	1	3	17	26	31	20	0	0	0	0	0			
09:00	73	51.2	41.4	9.4	0	1	7	6	15	23	9	7	3	2	0	0			
10:00	43	47.6	37.0	10.3	0	2	6	8	14	4	8	13	6	1	0	0			
11:00	47	45.6	36.3	8.9	0	4	2	13	9	15	3	0	1	0	0	0			
12:00	45	48.9	42.6	7.1	0	0	1	7	12	11	8	5	1	0	0	0			
13:00	69	51.3	42.3	8.6	0	1	2	10	12	19	14	8	1	2	0	0			
14:00	55	49.4	37.5	12.5	0	6	6	7	8	16	8	1	2	1	0	0			
15:00	44	47.7	39.0	8.4	0	1	5	6	9	13	7	3	0	0	0	0			
16:00	57	50.9	44.6	6.1	0	0	0	0	0	13	22	13	5	3	1	0			
17:00	60	46.8	42.0	9.0	0	0	0	0	4	18	25	8	4	0	0	0			
18:00	41	51.0	44.1	5.7	0	0	2	1	7	13	8	9	1	0	0	0			
19:00	21	54.0	43.7	10.0	0	0	2	3	2	3	4	5	2	0	0	0			
20:00	5	52.2	46.5	5.5	0	0	0	0	0	2	0	0	0	0	0	0			
21:00	10	47.0	40.0	6.8	0	0	0	0	2	5	0	2	1	0	0	0			
22:00	4	50.3	43.8	6.3	0	0	0	0	0	1	2	0	0	0	0	0			
23:00	3	55.5	47.5	8.7	0	0	0	0	0	2	0	0	1	0	0	0			
Total	2914	52.1	40.7	10.4	0	7	5	12	18	23	23	11	4	1	0	0			
2H10-12	90	46.5	36.6	9.6	0	6	8	21	23	19	11	0	1	0	1	0			
12H14-16	99	48.7	38.1	10.2	0	7	11	13	17	29	15	4	2	1	0	0			
12H7-19	725	51.2	42.0	8.9	0	15	43	71	135	197	143	85	28	7	1	0			
24H0-24	809	51.6	42.4	8.9	0	15	46	77	144	216	161	107	35	8	1	0			
AM Peak	08:00	05:00	06:00	10:00	00:00	11:00	07:00	11:00	08:00	08:00	08:00	07:00	07:00	09:00	10:00	00:00			
	106	56.3	49.7	10.3	0	4	11	19	17	26	31	20	8	2	1	0			
PM Peak	17:00	23:00	19:00	24:00	13:00	14:00	14:00	13:00	17:00	17:00	13:00	18:00	16:00	13:00	12:00	19:00			
	69	56.5	47.5	11.5	0	6	6	10	18	25	14	8	3	2	0	0			

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	ECN Percentage	Mean Average	Standard Deviation	Bin 1 10-20m	Bin 2 20-30m	Bin 3 30-40m	Bin 4 40-50m	Bin 5 50-60m	Bin 6 60-65m	Bin 7 65-70m	Bin 8 70-75m	Bin 9 75-80m	Bin 10 80-90m	Bin 11 90-95m	Bin 12 95-100m
00:00	2	48.7	45.0	3.5	0	0	0	0	0	1	1	0	0	0	0	0
01:00	4	47.8	41.3	6.3	0	0	0	1	0	2	1	0	0	0	0	0
02:00	1	-	42.5	-	0	0	0	0	0	1	0	0	0	0	0	0
03:00	1	-	57.5	-	0	0	0	0	0	0	0	0	1	0	0	0
04:00	3	42.7	39.2	2.9	0	0	0	0	0	2	1	0	0	0	0	0
05:00	10	54.7	46.8	7.6	0	0	0	0	1	4	3	1	0	0	0	0
06:00	41	46.4	30.5	5.7	0	0	0	1	0	5	11	17	6	0	0	0
07:00	131	55.7	26.7	9.5	0	0	11	6	1	17	32	32	3	0	0	0
08:00	303	53.0	44.4	8.2	0	0	9	10	25	35	43	29	10	2	0	0
09:00	511	52.1	41.6	1.2	9	12	9	9	32	35	38	18	5	2	0	0
10:00	79	48.1	39.2	9.5	0	2	6	16	23	11	14	5	0	0	1	0
11:00	115	48.7	38.6	10.7	0	11	7	17	18	11	20	6	0	0	0	0
12:00	92	54.4	32.9	8.2	0	1	3	17	13	18	23	10	3	4	0	0
13:00	201	50.9	42.5	8.1	0	1	3	10	23	29	20	11	1	3	0	0
14:00	378	50.6	37.6	13.3	16	17	14	22	35	23	3	3	4	0	0	0
15:00	134	50.5	38.6	11.7	1	12	14	10	17	35	21	8	10	0	0	0
16:00	170	50.5	38.6	11.6	6	11	5	6	11	5	6	10	2	2	0	0
17:00	182	51.4	41.4	11.6	0	16	10	10	9	24	54	36	22	5	5	0
18:00	94	54.9	46.8	7.6	0	0	0	0	4	12	21	21	7	1	0	0
19:00	50	54.9	46.8	7.6	0	2	3	4	12	9	9	8	1	0	0	0
20:00	24	58.1	48.9	8.0	0	0	0	0	3	3	6	11	1	3	0	0
21:00	26	52.5	47.7	8.5	0	1	2	7	4	4	6	5	0	0	0	0
22:00	12	57.0	48.1	8.5	0	0	0	0	2	4	0	4	1	1	0	0
23:00	7	61.7	48.2	13.0	0	0	1	0	0	0	2	1	1	0	0	0
Total																
2024-03-12	104	49.4	38.8	10.2	0	13	13	33	41	42	34	11	5	2	1	0
2024-03-13	262	50.4	38.0	12.0	1	28	31	24	39	70	44	11	8	5	0	0
2024-03-14	262	51.8	38.5	10.2	2	6	65	103	125	105	183	48	27	6	0	0
2024-03-14	1648	51.4	42.5	10.5	2	65	307	128	255	399	338	229	78	40	6	1
2024-03-15	1683	56.00	43.00	11.00	00:00	11:00	00:00	11:00	14:00	16:00	18:00	08:00	07:00	15:00	12:00	19:00
AMH	138	56.4	57.5	10.7	0	11	12	17	25	35	43	29	30	5	1	0
PMH	1730	23:00	20:00	23:00	15:00	14:00	14:00	14:00	14:00	17:00	17:00	18:00	18:00	17:00	18:00	19:00



North Wales ATC 17, B5381 Roman Road

Direction: Westbound

10/05/2022																			
Hour Beginning	Total Volume	ESD Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-40	Bin 5 40-50	Bin 6 50-60	Bin 7 60-70	Bin 8 70-80	Bin 9 80-90	Bin 10 90-95	Bin 11 95-99	Bin 12 >=99			
00:00	1	-	32.5	-	0	0	0	0	0	0	0	0	0	0	0	0			
01:00	1	-	52.5	-	0	0	0	0	0	0	0	0	1	0	0	0			
02:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0			
03:00	1	-	47.5	-	0	0	0	0	0	0	1	0	0	0	0	0			
04:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0			
05:00	2	54.8	47.5	7.1	0	0	0	0	0	1	0	1	0	0	0	2			
06:00	9	57.8	49.4	8.1	0	0	0	0	1	2	1	4	0	1	0	1			
07:00	27	56.2	44.6	11.3	1	0	0	1	5	7	5	1	0	1	0	1			
08:00	58	57.4	47.8	9.3	0	0	2	1	8	11	14	11	5	6	0	0			
09:00	52	57.8	47.4	10.1	0	0	1	1	7	14	14	10	4	1	0	4			
10:00	44	53.7	45.5	7.9	0	0	0	2	8	18	3	7	4	2	0	0			
11:00	45	53.7	43.4	8.0	0	1	2	1	7	13	12	9	0	0	0	0			
12:00	50	53.7	45.6	7.8	0	0	0	4	8	12	14	6	4	2	0	0			
13:00	45	51.2	43.9	7.1	0	0	0	5	8	13	11	6	1	1	0	0			
14:00	43	52.2	44.2	7.7	0	1	0	3	3	16	14	4	1	1	0	0			
15:00	50	53.9	46.5	7.2	0	0	0	2	8	12	12	10	5	1	0	0			
16:00	72	58.5	46.9	8.4	0	0	0	0	7	17	17	12	9	10	0	0			
17:00	112	56.9	47.8	8.8	1	1	1	1	8	24	32	28	11	4	1	0			
18:00	56	56.8	47.9	8.7	0	0	0	0	6	21	10	11	4	3	0	1			
19:00	29	60.4	45.3	4.6	0	4	0	1	1	4	6	7	2	2	0	0			
20:00	18	57.6	49.2	8.2	0	0	0	0	3	2	5	5	1	2	0	0			
21:00	13	57.5	49.5	7.8	0	0	0	1	1	4	6	7	2	2	0	0			
22:00	10	59.3	48.5	10.4	0	0	0	1	1	1	4	1	0	2	0	0			
23:00	4	50.4	35.3	13.6	0	0	2	0	0	1	0	1	0	0	0	0			
Total																			
2H(14-16)	89	52.7	44.4	8.0	0	1	2	3	15	31	15	16	4	2	0	0			
12H(7-19)	93	53.2	45.4	7.5	0	1	0	5	11	28	26	14	6	2	0	0			
24H(0-24)	556	46.6	46.7	8.2	2	3	8	21	83	178	159	139	46	30	6	1			
24H(0-24)	792	56.0	46.7	9.0	2	7	8	25	91	193	181	144	55	39	6	1			
AM Peak	06:00	06:00	07:00	07:00	07:00	11:00	08:00	10:00	08:00	10:00	08:00	08:00	08:00	08:00	08:00	08:00			
	58	57.8	52.5	11.1	1	1	2	2	8	18	14	11	5	6	4	0			
PM Peak	17:00	19:00	16:00	19:00	17:00	19:00	23:00	13:00	12:00	17:00	17:00	17:00	17:00	16:00	17:00	18:00			
	112	55.4	49.9	14.6	1	4	2	5	8	24	32	28	11	10	1	1			

360 TSL Ltd

Direction: Eastbound

10/05/2022																			
Hour Beginning	Total Volume	ESD Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-40	Bin 5 40-50	Bin 6 50-60	Bin 7 60-70	Bin 8 70-80	Bin 9 80-90	Bin 10 90-95	Bin 11 95-99	Bin 12 >=99			
00:00	1	-	52.5	-	0	0	0	0	0	0	0	1	0	0	0	0			
01:00	2	48.7	45.0	3.5	0	0	0	0	0	0	1	1	0	0	0	0			
02:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0			
03:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0			
04:00	2	62.2	47.5	14.1	0	0	0	0	1	0	0	0	1	0	0	0			
05:00	11	61.3	46.7	10.3	0	0	0	1	1	3	1	4	1	2	0	0			
06:00	24	54.8	50.2	6.4	0	0	0	0	0	7	11	7	4	0	0	0			
07:00	80	55.0	49.4	5.4	0	0	0	1	1	12	31	26	7	2	0	0			
08:00	108	53.7	47.1	6.4	0	0	0	5	32	32	32	11	1	0	0	0			
09:00	62	50.8	44.2	6.4	0	0	1	3	7	28	14	4	5	0	0	0			
10:00	47	49.2	42.8	6.1	0	0	0	5	12	11	13	6	0	0	0	0			
11:00	43	50.3	42.5	7.5	0	0	1	7	5	16	9	3	1	1	0	0			
12:00	40	55.8	47.9	7.6	0	0	1	0	2	11	13	6	5	2	0	0			
13:00	63	51.6	42.3	8.9	0	1	3	5	12	20	15	5	0	1	1	0			
14:00	53	49.4	40.4	8.7	0	0	6	8	10	13	11	3	1	1	0	0			
15:00	59	56.6	47.2	6.0	0	0	1	4	16	21	12	1	0	3	0	0			
16:00	62	51.1	43.5	7.3	0	0	0	7	14	18	11	6	6	0	0	0			
17:00	67	52.2	45.0	7.9	0	0	3	0	10	19	19	10	3	0	0	0			
18:00	26	54.5	45.4	8.8	0	0	2	4	6	5	4	4	0	0	0	0			
19:00	17	58.0	47.5	10.1	0	0	0	3	0	4	4	2	2	2	0	0			
20:00	5	52.2	46.5	5.5	0	0	0	0	0	1	1	0	0	0	0	0			
21:00	10	51.5	43.5	7.7	0	0	0	1	3	2	2	1	1	0	0	0			
22:00	6	54.1	47.5	6.3	0	0	0	0	0	1	1	1	1	0	0	0			
23:00	3	52.9	42.5	10.0	0	0	0	1	0	1	0	1	0	0	0	0			
Total																			
2H(10-12)	90	49.7	42.7	6.8	0	0	1	12	17	27	22	9	1	1	0	0			
12H(7-19)	112	53.8	44.0	8.5	0	1	6	9	14	29	32	15	2	1	3	0			
24H(0-24)	710	53.1	45.1	7.7	0	2	17	42	86	202	195	130	44	8	4	0			
24H(0-24)	791	53.5	45.4	7.8	0	2	17	48	92	216	218	138	54	12	4	0			
AM Peak	06:00	04:00	05:00	04:00	00:00	00:00	09:00	11:00	10:00	08:00	08:00	07:00	08:00	05:00	00:00	00:00			
	108	62.1	51.5	14.1	0	0	1	7	12	32	32	32	32	11	2	0			
PM Peak	17:00	19:00	13:00	19:00	13:00	13:00	14:00	14:00	16:00	13:00	15:00	17:00	16:00	12:00	15:00	12:00			
	67	58.0	47.9	10.1	0	1	6	8	16	29	21	13	6	2	3	0			

360 TSL Ltd

Direction: Total Flow

Hour	Total Volume	ESD Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-40	Bin 5 40-50	Bin 6 50-60	Bin 7 60-70	Bin 8 70-80	Bin 9 80-90	Bin 10 90-95	Bin 11 95-99	Bin 12 >=99	
00:00	2	57.2	42.5	14.1	0	0	0	0	0	1	1	0	0	0	0	0	
01:00	3	52.7	47.5	5.0	0	0	0	0	0	0	0	0	0	0	0	0	
02:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0	
03:00	1	57.1	47.5	-	0	0	0	0	0	0	1	0	0	0	0	0	
04:00	2	62.2	47.5	14.1	0	0	0	0	0	1	0	0	0	0	1	0	
05:00	13	60.2	50.2	9.7	0	0	0	0	1	1	2	1	5	1	2	0	
06:00	33	55.7	50.0	5.5	0	0	0	0	1	4	12	11	4	1	0	0	
07:00	107	56.0	48.2	7.5	1	0	0	7	6	19	37	31	8	2	1	0	
08:00	166	55.1	47.3	7.5	0	0	2	6	13	43	46	33	16	7	0	0	
09:00	114	54.3	45.6	8.4	0	0	2	4	14	22	28	14	6	0	4	0	
10:00	91	51.5	44.1	7.1	0	0	0	7	20	29	16	13	4	2	0	0	
11:00	80	51.6	42.0	7.7	0	1	3	8	12	29	21	12	1	0	1	0	
12:00	90	54.7	46.6	7.7	0	0	1	4	10	23	27	12	9	4	0	0	
13:00	108	51.5	46.0	8.2	0	1	3	10	20	3	23	26	11	1	2	1	
14:00	96	50.1	45.1	8.5	0	1	4	11	13	29	25	7	2	0	0	0	
15:00	109	50.4	45.8	8.2	0	0	1	3	12	28	33	22	6	1	3	0	
16:00	135	50.7	45.8	8.5	0	0	7	7	21	35	35	18	10	0	0	0	
17:00	179	53.1	46.9	8.2	0	1	2	4	1	18	43	51	41	14	4	1	
18:00	156	56.1	46.1	8.7	0	0	0	0	0	19	27	16	13	5	0	0	
19:00	46	59.6	46.1	13.0	0	0	0	4	2	8	9	9	7	8	4	0	
20:00	23	56.5	48.6	7.6	0	0	0	0	4	2	8	8	6	1	2	0	
21:00	33	56.1	47.7	8.1	0	0	0	0	4	4	8	8	7	0	0	0	
22:00	16	57.3	48.1	8.9	0	0	0	1	1	4	5	2	1	2	0	0	
23:00	7	51.5	38.9	11.7	0	0	2	1	0	0	0	0	0	0	0	0	
Total																	
2015-12-10	179	53.1	45.5	7.4	1	1	3	15	32	58	37	25	5	3	0	0	
2016-12-10	205	53.6	44.6	8.7	0	2	6	14	25	57	58	29	8	3	3	0	
2017-12-10	154	54.4	46.0	8.2	0	1	2	23	43	59	49	30	18	1	0	0	
2018-12-10	1545	54.8	46.0	8.4	2	9	25	73	183	400	399	272	100	51	10	1	
Avg																	
00:00-04:00	05:00	05:00	05:00	05:00	07:00	11:00	11:00	11:00	11:00	08:00	08:00	08:00	08:00	08:00	08:00	08:00	08:00
05:00	16.2	58.2	48.2	14.2	0	1	8	8	14	30	31	45	21	4	0	0	
06:00-10:00	17:00	17:00	20:00	20:00	17:00	18:00	14:00	14:00	14:00	17:40	17:40	17:40	16:00	16:00	15:00	15:00	16:40
10:00-14:00	17:00	17:00	18:00	18:00	17:00	18:00	18:00	18:00	18:00	18:00	18:00	18:00	18:00	18:00	18:00	18:00	18:00



North Wales ATC 17, B5381 Roman Road

Direction: Westbound

11/05/2022																			
Hour Beginning	Total Volume	B5381 Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-40	Bin 5 40-50	Bin 6 50-60	Bin 7 60-70	Bin 8 70-80	Bin 9 80-90	Bin 10 90-100	Bin 11 100-110	Bin 12 >110			
00:00	2	52.5	52.5	6.0	0	0	0	0	0	0	0	0	0	0	0	0			
01:00	2	57.2	42.5	14.1	0	0	0	1	0	0	0	1	0	0	0	0			
02:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0			
03:00	1	-	42.5	-	0	0	0	0	0	0	1	0	0	0	0	0			
04:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0			
05:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0			
06:00	10	54.7	46.8	7.6	0	0	0	0	1	4	3	1	0	1	0	0			
07:00	12	58.9	45.9	12.4	1	1	1	1	1	7	2	1	1	1	0	0			
08:00	60	56.7	48.1	8.3	0	0	0	0	10	17	9	13	5	6	0	0			
09:00	17	50.5	43.7	6.6	0	0	0	4	12	21	11	6	2	1	0	0			
10:00	30	50.5	43.4	6.8	0	0	0	2	8	9	7	3	0	1	0	0			
11:00	30	48.6	41.8	6.5	0	0	0	4	9	10	1	6	0	0	0	0			
12:00	47	53.7	44.1	8.3	0	2	1	2	7	9	13	11	2	0	0	0			
13:00	42	51.6	44.3	7.0	0	0	1	4	4	11	15	5	2	0	0	0			
14:00	46	54.2	46.4	7.5	0	0	0	2	6	14	11	7	4	2	0	0			
15:00	55	50.9	43.7	6.9	0	0	2	1	12	18	14	4	4	0	0	0			
16:00	59	56.5	48.5	7.2	0	0	0	0	8	18	29	24	10	2	2	0			
17:00	116	55.5	46.4	8.8	0	2	2	10	8	14	41	27	9	3	0	0			
18:00	56	58.9	48.5	10.0	0	1	0	0	9	9	13	13	7	3	0	1			
19:00	22	59.3	50.8	8.3	0	0	0	0	3	2	4	8	2	3	0	0			
20:00	20	58.0	50.3	7.5	0	0	0	0	1	4	6	4	3	2	0	0			
21:00	11	59.0	50.6	8.1	0	0	0	0	2	4	4	4	5	2	0	0			
22:00	19	58.8	51.2	7.4	0	0	0	0	1	3	4	6	3	2	0	0			
23:00	1	-	37.5	-	0	0	0	0	1	0	0	0	0	0	0	0			
Total																			
201614-121	60	49.5	42.6	6.7	0	0	0	6	17	19	8	9	0	1	0	0			
201614-140	101	52.5	44.9	7.3	0	0	2	3	18	32	25	11	8	2	0	0			
12047-110	604	54.6	46.0	-	1	5	6	30	94	157	171	121	46	10	3	1			
24002-240	752	55.2	46.5	8.4	1	5	6	31	103	175	192	147	50	20	3	1			
AM Peak	08:00	07:00	00:00	01:00	07:00	00:00	00:00	09:00	09:00	09:00	09:00	08:00	08:00	08:00	07:00	00:00			
PM Peak	17:00	19:00	22:00	18:00	12:00	12:00	15:00	17:00	15:00	15:00	17:00	17:00	16:00	17:00	16:00	18:00			
	116	59.3	51.2	10.0	0	2	2	10	12	18	41	27	10	3	2	1			

360 TSL Ltd

Direction: Eastbound

11/05/2022																			
Hour Beginning	Total Volume	B5381 Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-40	Bin 5 40-50	Bin 6 50-60	Bin 7 60-70	Bin 8 70-80	Bin 9 80-90	Bin 10 90-100	Bin 11 100-110	Bin 12 >110			
00:00	4	54.8	47.5	7.1	0	0	0	0	1	0	1	2	0	0	0	0			
01:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0			
02:00	1	-	42.5	-	0	0	0	0	0	1	0	0	0	0	0	0			
03:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0			
04:00	1	-	37.5	-	0	0	0	0	1	0	0	0	0	0	0	0			
05:00	8	59.9	45.9	13.5	0	0	1	0	1	3	1	4	0	2	0	0			
06:00	32	58.9	49.4	9.2	0	0	3	0	0	2	7	14	5	1	0	0			
07:00	81	54.1	48.9	5.1	0	0	0	0	4	12	32	24	9	0	0	0			
08:00	98	53.7	47.2	6.3	0	0	0	0	1	17	35	21	11	0	0	0			
09:00	49	50.5	44.2	6.0	0	0	0	0	15	13	13	5	3	0	0	0			
10:00	57	51.6	45.4	7.4	0	0	0	3	9	18	16	6	2	3	0	0			
11:00	46	48.4	41.9	6.3	0	1	0	3	11	15	15	1	0	0	0	0			
12:00	48	49.4	42.9	7.2	0	1	0	2	17	16	5	5	2	0	0	0			
13:00	57	51.2	44.0	7.0	0	0	2	4	5	22	14	7	3	0	0	0			
14:00	43	49.4	42.5	6.6	0	0	2	0	13	15	7	5	1	0	0	0			
15:00	49	51.5	45.5	8.6	0	1	4	5	11	5	7	4	0	0	0	0			
16:00	60	52.4	46.7	5.5	0	0	0	0	9	12	22	14	3	0	0	0			
17:00	50	51.6	48.1	8.0	0	1	1	3	9	15	14	3	4	0	0	0			
18:00	27	57.5	49.1	8.1	0	0	0	1	2	4	10	5	2	3	0	0			
19:00	25	56.8	47.0	9.5	0	0	0	2	2	10	2	4	4	0	1	0			
20:00	9	50.6	43.1	7.3	0	0	0	0	4	1	2	0	0	0	0	0			
21:00	3	57.1	49.2	7.6	0	0	0	0	0	1	1	0	1	0	0	0			
22:00	2	49.8	42.5	7.1	0	0	0	0	1	0	0	0	0	0	0	0			
23:00	1	60.0	49.2	10.4	0	0	0	0	1	0	0	1	1	0	0	0			
Total																			
201610-121	103	51.2	43.8	7.1	0	1	0	6	20	33	31	7	2	3	0	0			
201614-140	92	50.5	42.5	7.7	0	1	3	4	28	26	13	12	1	0	0	0			
12047-110	665	52.5	45.1	7.1	0	4	6	23	120	170	189	103	44	6	0	0			
24002-240	753	53.0	45.3	7.4	0	4	10	27	127	191	203	126	51	9	1	0			
AM Peak	08:00	05:00	06:00	05:00	00:00	11:00	06:00	08:00	09:00	10:00	08:00	07:00	08:00	10:00	00:00	00:00			
PM Peak	18:00	19:00	21:00	23:00	12:00	13:00	13:00	13:00	13:00	13:00	16:00	16:00	15:00	18:00	19:00	16:00			
	60	60.0	49.2	10.4	0	1	2	4	17	22	22	14	4	3	1	0			

360 TSL Ltd

Direction: Total Flow

11/05/2022																	
Hour Beginning	Total Volume	B5381 Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-40	Bin 5 40-50	Bin 6 50-60	Bin 7 60-70	Bin 8 70-80	Bin 9 80-90	Bin 10 90-100	Bin 11 100-110	Bin 12 >110	
00:00	6	51.4	49.2	6.1	0	0	0	0	1	0	1	4	0	0	0	0	
01:00	2	57.2	42.5	14.1	0	0	0	1	0	0	0	1	0	0	0	0	
02:00	1	-	42.5	-	0	0	0	0	0	1	0	0	0	0	0	0	
03:00	1	-	42.5	-	0	0	0	0	0	1	0	0	0	0	0	0	
04:00	1	-	37.5	-	0	0	0	0	0	1	0	0	0	0	0	0	
05:00	8	59.9	45.9	13.5	0	0	1	0	1	1	1	0	0	0	0	0	
06:00	42	57.9	48.8	8.8	0	0	0	1	5	10	15	5	2	0	0	0	
07:00	103	55.8	48.2	7.3	1	1	0	0	1	19	39	26	10	1	1	0	
08:00	158	54.9	47.6	7.1	0	0	0	3	21	34	44	34	16	6	0	0	
09:00	106	56.5	45.9	6.3	0	0	4	0	27	34	24	21	5	1	0	0	
10:00	87	52.1	44.7	7.2	0	0	0	0	5	17	27	23	9	2	4	0	
11:00	76	48.2	41.9	6.4	0	1	0	7	20	25	16	7	0	0	0	0	
12:00	95	51.6	43.0	8.3	0	3	1	4	24	25	18	16	4	0	0	0	
13:00	99	51.3	44.1	8.9	0	0	3	8	9	33	29	12	5	0	0	0	
14:00	89	52.1	44.5	7.3	0	0	2	2	19	29	18	12	5	2	0	0	
15:00	104	51.2	43.1	7.8	0	1	3	5	27	29	20	11	8	0	0	0	
16:00	153	55.0	48.1	6.7	0	0	0	0	17	30	51	38	13	2			
17:00	166	54.4	45.4	8.6	0	3	3	13	17	33	28	30	13	3	0	0	
18:00	147	56.1	47.4	8.4	0	0	0	0	13	19	33	28	9	6	0	0	
19:00	47	58.1	48.8	10.0	0	0	0	2	5	12	6	12	6	3	3	1	0
20:00	29	56.3	48.0	8.0	0	0	0	2	1	8	7	6	3	3	2	0	0
21:00	24	58.4	47.8	7.9	0	0	0	0	2	5	4	4	2	0	0	0	0
22:00	21	58.8	50.4	7.6	0	0	0	0	2	3	5	6	3	3	2	0	0
23:00	4	56.5	46.1	10.3	0	0	0	0	2	0	0	1	1	0	0	0	0
Total																	
2024-11-05	163	50.6	43.4	6.9	0	1	0	12	37	52	39	26	2	4	0	0	0
2024-11-10	103	51.6	43.8	7.6	0	1	5	7	46	58	38	23	13	2	0	0	0
2024-11-15	103	51.6	43.8	7.6	0	9	12	12	214	327	366	245	78	1	0	0	0
2024-11-20	105	54.2	45.9	7.9	1	9	16	16	220	360	395	273	134	38	4	1	0
Ave Peak																	
06:00	05:00	05:00	05:00	05:00	07:00	11:00	16:00	11:00	13:00	17:00	17:00	18:00	18:00	07:00	06:00	07:00	06:00
17:00	21:00	18:00	18:00	18:00	18:00	18:00	12:00	12:00	13:00	17:00	05:00	13:00	17:00	18:00	16:00	16:00	18:00
Mid Peak	17:00	21:00	18:00	18:00	18:00	18:00	12:00	12:00	13:00	17:00	13:00	17:00	18:00	16:00	16:00	16:00	18:00



North Wales ATC 18, B5381



Direction: Westbound

Hour Beginning	Thu 28/04/2022	Fri 29/04/2022	Sat 30/04/2022	Sun 01/05/2022	Mon 02/05/2022	Tue 03/05/2022	Wed 04/05/2022	5-Day Ave.	7-Day Ave.
00:00	2	2	8	4	2	2	1	2	3
01:00	3	0	1	2	1	3	2	2	2
02:00	1	1	2	0	1	0	0	1	1
03:00	0	1	0	1	1	1	1	1	1
04:00	2	3	2	2	1	2	0	2	2
05:00	3	1	1	0	0	9	5	4	3
06:00	6	4	8	3	3	12	7	6	6
07:00	28	34	14	20	19	36	29	29	26
08:00	69	81	31	12	18	54	76	60	49
09:00	62	36	54	26	25	70	66	52	48
10:00	47	31	60	48	43	42	34	39	44
11:00	46	50	102	60	90	52	36	55	62
12:00	54	57	74	62	70	70	51	60	63
13:00	45	83	80	50	63	47	40	56	58
14:00	69	65	68	46	53	57	39	57	57
15:00	86	71	83	51	46	67	71	68	68
16:00	121	110	82	61	86	74	115	101	93
17:00	110	90	37	42	47	127	114	98	81
18:00	68	111	34	19	29	59	57	65	54
19:00	40	41	26	25	34	35	32	36	33
20:00	33	33	13	24	26	17	14	25	23
21:00	25	18	19	6	12	26	26	21	19
22:00	16	12	15	8	18	8	18	14	14
23:00	9	11	7	5	10	3	1	7	7
Total									
12H(7-19)	805	819	719	497	589	755	728	739	702
16H(6-22)	909	915	785	555	664	845	807	828	783
18H(6-24)	934	938	807	568	692	856	826	849	803
24H(0-24)	945	946	821	577	698	873	835	859	814
AM Peak	08:00	08:00	11:00	11:00	11:00	09:00	08:00	08:00	11:00
	69	81	102	60	90	70	76	60	62
PM Peak	16:00	18:00	15:00	12:00	16:00	17:00	16:00	16:00	16:00
	121	111	83	62	86	127	115	101	93

360 TSL Ltd

Direction: Eastbound

Hour Beginning	Thu 28/04/2022	Fri 29/04/2022	Sat 30/04/2022	Sun 01/05/2022	Mon 02/05/2022	Tue 03/05/2022	Wed 04/05/2022	5-Day Ave.	7-Day Ave.
00:00	0	0	7	1	3	1	5	2	2
01:00	2	0	2	0	0	2	4	2	1
02:00	1	1	0	1	0	0	1	1	1
03:00	0	2	2	1	0	0	1	1	1
04:00	4	3	1	2	2	3	2	3	2
05:00	12	7	5	4	8	12	10	10	8
06:00	30	23	13	3	12	24	33	24	20
07:00	82	81	24	17	16	91	91	72	57
08:00	91	96	34	15	17	131	119	91	72
09:00	56	64	63	57	75	58	58	62	62
10:00	57	68	51	79	71	73	52	64	64
11:00	49	45	74	82	74	72	45	57	63
12:00	49	66	49	86	76	38	49	56	59
13:00	55	60	42	55	58	70	71	63	59
14:00	45	36	47	68	66	58	36	48	51
15:00	41	51	67	91	88	62	76	64	68
16:00	69	69	54	58	63	56	63	64	62
17:00	57	33	58	68	75	91	58	63	63
18:00	43	42	56	39	45	41	24	39	41
19:00	38	20	41	34	39	26	26	30	32
20:00	8	20	16	15	23	11	7	14	14
21:00	9	5	12	23	7	12	3	7	10
22:00	6	1	2	5	9	6	5	5	5
23:00	5	2	3	0	2	0	4	3	2
Total									
12H(7-19)	694	711	619	715	724	841	742	742	721
16H(6-22)	779	779	701	790	805	914	811	818	797
18H(6-24)	790	782	706	795	816	920	820	826	804
24H(0-24)	809	795	723	804	829	938	843	843	820
AM Peak	08:00	08:00	11:00	11:00	09:00	08:00	08:00	08:00	08:00
	91	96	74	82	75	131	119	91	72
PM Peak	16:00	16:00	15:00	15:00	15:00	17:00	15:00	16:00	15:00
	69	69	67	91	88	91	76	64	68

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Thu 28/04/2022	Fri 29/04/2022	Sat 30/04/2022	Sun 01/05/2022	Mon 02/05/2022	Tue 03/05/2022	Wed 04/05/2022	5-Day Ave.	7-Day Ave.
00:00	2	2	15	5	5	3	6	4	5
01:00	5	0	3	2	1	5	6	3	3
02:00	2	2	2	1	1	0	1	1	1
03:00	0	3	2	2	1	1	2	1	2
04:00	6	6	3	4	3	5	2	4	4
05:00	15	8	6	4	8	21	15	13	11
06:00	36	27	21	6	15	36	40	31	26
07:00	110	115	38	37	35	127	120	101	83
08:00	160	177	65	27	35	185	195	150	121
09:00	118	100	117	83	100	128	124	114	110
10:00	104	99	111	127	114	115	86	104	108
11:00	95	95	176	142	164	124	81	112	125
12:00	103	123	123	148	146	108	100	116	122
13:00	100	143	122	105	121	117	111	118	117
14:00	114	101	115	114	119	115	75	105	108
15:00	127	122	150	142	134	129	147	132	136
16:00	190	179	136	119	149	130	178	165	154
17:00	167	123	95	110	122	218	172	160	144
18:00	111	153	90	58	74	100	81	104	95
19:00	78	61	67	59	73	61	58	66	65
20:00	41	53	29	39	49	28	21	38	37
21:00	34	23	31	29	19	38	29	29	29
22:00	22	13	17	13	27	14	23	20	18
23:00	14	13	10	5	12	3	5	9	9
Total									
12H(7-19)	1499	1530	1338	1212	1313	1596	1470	1482	1423
16H(6-22)	1688	1694	1486	1345	1469	1759	1618	1646	1580
18H(6-24)	1724	1720	1513	1363	1508	1776	1646	1675	1607
24H(0-24)	1754	1741	1544	1381	1527	1811	1678	1702	1634
AM Peak	08:00	08:00	11:00	11:00	11:00	08:00	08:00	08:00	11:00
	160	177	176	142	164	185	195	150	125
PM Peak	16:00	16:00	15:00	12:00	16:00	17:00	16:00	16:00	16:00
	190	179	150	148	149	218	178	165	154

360 TSL Ltd



North Wales ATC 18, B5381

Direction: Westbound

	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 28 Apr 2022	945	761	172	10	2
Fri 29 Apr 2022	946	799	137	8	2
Sat 30 Apr 2022	821	722	92	6	1
Sun 1 May 2022	577	532	42	2	1
Mon 2 May 2022	698	634	48	12	4
Tue 3 May 2022	873	734	126	10	3
Wed 4 May 2022	835	661	161	10	3
5 Day Ave.	859	718	129	10	3
7 Day Ave.	814	692	111	8	2

Direction: Eastbound

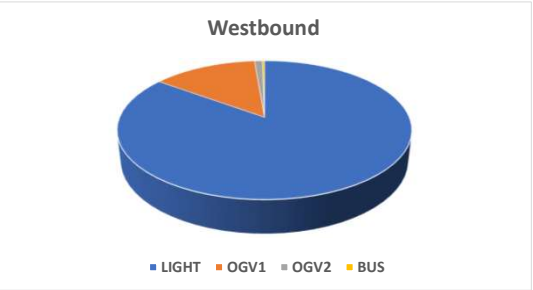
	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 28 Apr 2022	809	586	213	6	4
Fri 29 Apr 2022	795	598	179	15	3
Sat 30 Apr 2022	723	622	88	9	4
Sun 1 May 2022	804	709	86	9	0
Mon 2 May 2022	829	704	109	14	2
Tue 3 May 2022	938	737	187	8	6
Wed 4 May 2022	843	662	163	11	7
5 Day Ave.	843	657	170	11	4
7 Day Ave.	820	660	146	10	4

Direction: Total Flow

	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 28 Apr 2022	1754	1347	385	16	6
Fri 29 Apr 2022	1741	1397	316	23	5
Sat 30 Apr 2022	1544	1344	180	15	5
Sun 1 May 2022	1381	1241	128	11	1
Mon 2 May 2022	1527	1338	157	26	6
Tue 3 May 2022	1811	1471	313	18	9
Wed 4 May 2022	1678	1323	324	21	10
5 Day Ave.	1702	1375	299	21	7
7 Day Ave.	1634	1352	258	19	6

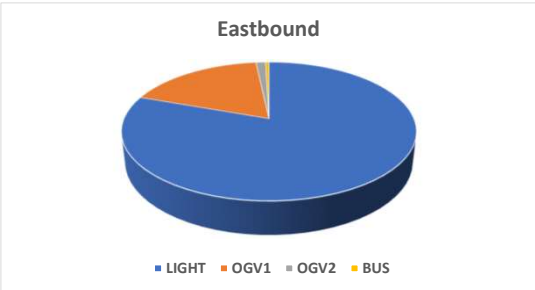
	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 28 Apr 2022	100.0%	80.5%	18.2%	1.1%	0.2%
Fri 29 Apr 2022	100.0%	84.5%	14.5%	0.8%	0.2%
Sat 30 Apr 2022	100.0%	87.9%	11.2%	0.7%	0.1%
Sun 1 May 2022	100.0%	92.2%	7.3%	0.3%	0.2%
Mon 2 May 2022	100.0%	90.8%	6.9%	1.7%	0.6%
Tue 3 May 2022	100.0%	84.1%	14.4%	1.1%	0.3%
Wed 4 May 2022	100.0%	79.2%	19.3%	1.2%	0.4%
5 Day Ave.	100.0%	83.5%	15.0%	1.2%	0.3%
7 Day Ave.	100.0%	85.0%	13.7%	1.0%	0.3%

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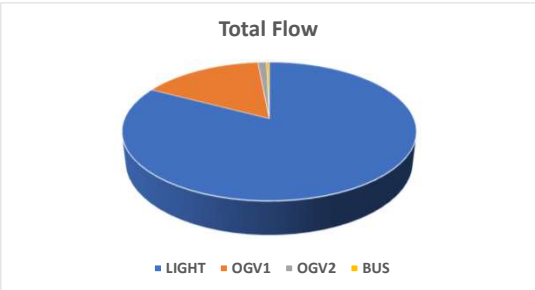
	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 28 Apr 2022	100.0%	72.4%	26.3%	0.7%	0.5%
Fri 29 Apr 2022	100.0%	75.2%	22.5%	1.9%	0.4%
Sat 30 Apr 2022	100.0%	86.0%	12.2%	1.2%	0.6%
Sun 1 May 2022	100.0%	88.2%	10.7%	1.1%	0.0%
Mon 2 May 2022	100.0%	84.9%	13.1%	1.7%	0.2%
Tue 3 May 2022	100.0%	78.6%	19.9%	0.9%	0.6%
Wed 4 May 2022	100.0%	78.5%	19.3%	1.3%	0.8%
5 Day Ave.	100.0%	78.0%	20.2%	1.3%	0.5%
7 Day Ave.	100.0%	80.4%	17.9%	1.3%	0.5%

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	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 28 Apr 2022	100.0%	76.8%	21.9%	0.9%	0.3%
Fri 29 Apr 2022	100.0%	80.2%	18.2%	1.3%	0.3%
Sat 30 Apr 2022	100.0%	87.0%	11.7%	1.0%	0.3%
Sun 1 May 2022	100.0%	89.9%	9.3%	0.8%	0.1%
Mon 2 May 2022	100.0%	87.6%	10.3%	1.7%	0.4%
Tue 3 May 2022	100.0%	81.2%	17.3%	1.0%	0.5%
Wed 4 May 2022	100.0%	78.8%	19.3%	1.3%	0.6%
5 Day Ave.	100.0%	80.8%	17.6%	1.2%	0.4%
7 Day Ave.	100.0%	82.7%	15.8%	1.1%	0.4%

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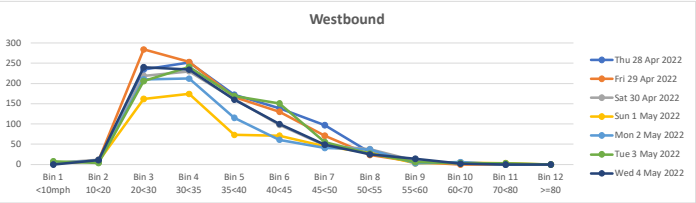


North Wales ATC 18, B5381

Direction: Westbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<30	Bin 4 30<35	Bin 5 35<40	Bin 6 40<45	Bin 7 45<50	Bin 8 50<55	Bin 9 55<60	Bin 10 60<70	Bin 11 70<80	Bin 12 >=80
Thu 28 Apr 2022	945	44.2	35.2	8.7	4	8	234	252	172	139	97	30	5	3	1	0
Fri 29 Apr 2022	946	42.6	34.1	8.3	2	10	284	253	166	130	71	24	6	0	0	0
Sat 30 Apr 2022	821	43.5	34.4	8.7	4	12	219	230	162	98	47	38	9	2	0	0
Sun 1 May 2022	577	44.7	34.7	9.7	4	8	162	174	73	71	45	29	3	5	3	0
Mon 2 May 2022	698	43.3	33.9	9.0	4	9	210	212	115	61	41	37	3	6	0	0
Tue 3 May 2022	873	44.2	35.1	8.7	8	4	206	241	169	151	55	27	6	3	3	0
Wed 4 May 2022	835	43.1	34.2	8.5	0	11	240	234	160	100	49	25	14	2	0	0
5 Day Ave.	859	43.5	34.5	8.6	4	8	235	238	156	116	63	29	7	3	1	0
7 Day Ave.	814	43.6	34.5	8.8	4	9	222	228	145	107	58	30	7	3	1	0

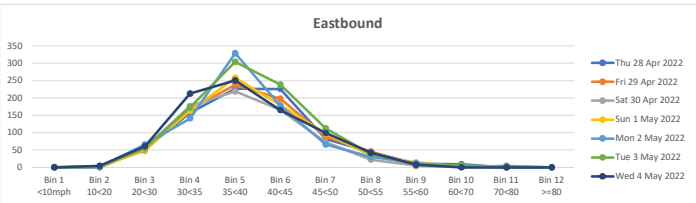
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Direction: Eastbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<30	Bin 4 30<35	Bin 5 35<40	Bin 6 40<45	Bin 7 45<50	Bin 8 50<55	Bin 9 55<60	Bin 10 60<70	Bin 11 70<80	Bin 12 >=80
Thu 28 Apr 2022	809	47.2	39.5	7.4	0	0	53	157	227	226	82	44	11	9	0	0
Fri 29 Apr 2022	795	46.3	39.0	7.1	1	3	48	167	238	198	88	46	4	2	0	0
Sat 30 Apr 2022	723	45.3	38.1	7.0	0	3	56	177	219	166	72	22	5	3	0	0
Sun 1 May 2022	804	47.1	39.2	7.5	0	1	51	163	258	180	96	35	14	2	3	1
Mon 2 May 2022	829	46.0	38.6	7.2	0	1	66	141	329	178	66	30	13	1	4	0
Tue 3 May 2022	938	46.5	39.3	7.0	0	2	55	173	304	239	112	38	8	6	1	0
Wed 4 May 2022	843	45.7	38.3	7.1	0	4	61	213	251	165	99	42	8	0	0	0
5 Day Ave.	843	46.3	38.9	7.2	0	2	57	170	270	201	89	40	9	4	1	0
7 Day Ave.	820	46.3	38.8	7.2	0	2	56	170	261	193	88	37	9	3	1	0

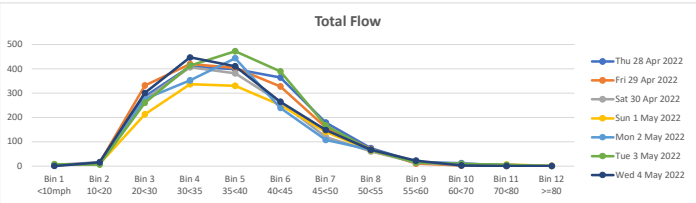
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Direction: Total Flow

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<30	Bin 4 30<35	Bin 5 35<40	Bin 6 40<45	Bin 7 45<50	Bin 8 50<55	Bin 9 55<60	Bin 10 60<70	Bin 11 70<80	Bin 12 >=80
Thu 28 Apr 2022	1754	45.9	37.2	8.4	4	8	287	409	399	365	179	74	16	12	1	0
Fri 29 Apr 2022	1741	44.7	36.3	8.1	3	13	332	420	404	328	159	70	10	2	0	0
Sat 30 Apr 2022	1544	44.6	36.1	8.2	4	15	275	407	381	264	119	60	14	5	0	0
Sun 1 May 2022	1381	46.5	37.3	8.8	4	9	213	337	331	251	141	64	17	7	6	1
Mon 2 May 2022	1527	45.1	36.4	8.4	4	10	276	353	444	239	107	67	16	7	4	0
Tue 3 May 2022	1811	45.7	37.3	8.1	8	6	261	414	473	390	167	65	14	9	4	0
Wed 4 May 2022	1678	44.7	36.3	8.1	0	15	301	447	411	265	148	67	22	2	0	0
5 Day Ave.	1702	45.2	36.7	8.2	4	10	291	409	426	317	152	69	16	6	2	0
7 Day Ave.	1634	45.3	36.7	8.3	4	11	278	398	406	300	146	67	16	6	2	0

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## North Wales ATC 18, B5381

Direction: Westbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<30	Bin 4 30<35	Bin 5 35<40	Bin 6 40<45	Bin 7 45<50	Bin 8 50<55	Bin 9 55<60	Bin 10 60<70	Bin 11 70<80	Bin 12 >=80
Thu 28 Apr 2022	93	42.6	33.9	8.5	1	2	23	25	25	9	4	3	1	0	0	0
Fri 29 Apr 2022	81	41.7	33.9	7.6	0	1	23	20	21	8	8	0	0	0	0	0
Sat 30 Apr 2022	162	46.3	37.3	8.7	0	1	29	34	41	31	10	13	2	1	0	0
Sun 1 May 2022	108	46.4	34.9	11.2	1	7	29	24	8	14	13	11	1	0	0	0
Mon 2 May 2022	133	44.7	33.7	10.6	1	8	43	28	18	8	14	13	0	0	0	0
Tue 3 May 2022	94	40.5	32.6	7.6	0	1	36	19	23	10	3	2	0	0	0	0
Wed 4 May 2022	70	39.5	32.4	6.9	0	3	17	26	15	8	1	0	0	0	0	0
5 Day Ave.	94	41.8	33.3	8.2	0	3	28	24	20	9	6	4	0	0	0	0
7 Day Ave.	106	43.1	34.1	8.7	0	3	29	25	22	13	8	6	1	0	0	0

360 TSL Ltd

Direction: Eastbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<30	Bin 4 30<35	Bin 5 35<40	Bin 6 40<45	Bin 7 45<50	Bin 8 50<55	Bin 9 55<60	Bin 10 60<70	Bin 11 70<80	Bin 12 >=80
Thu 28 Apr 2022	106	45.3	37.1	8.0	0	0	18	29	18	23	12	6	0	0	0	0
Fri 29 Apr 2022	113	44.0	36.8	7.0	0	1	11	33	36	21	8	2	0	1	0	0
Sat 30 Apr 2022	125	44.2	37.3	6.6	0	0	14	32	30	38	8	3	0	0	0	0
Sun 1 May 2022	161	45.9	38.4	7.2	0	1	14	30	54	38	16	6	1	1	0	0
Mon 2 May 2022	145	45.1	38.0	6.8	0	1	13	20	61	36	9	3	1	1	0	0
Tue 3 May 2022	145	46.6	39.6	6.7	0	0	12	12	54	39	21	5	2	0	0	0
Wed 4 May 2022	97	42.4	36.7	5.5	0	0	4	42	22	23	5	1	0	0	0	0
5 Day Ave.	121	44.7	37.6	6.8	0	0	12	27	38	28	11	3	1	0	0	0
7 Day Ave.	127	44.8	37.7	6.8	0	0	12	28	39	31	11	4	1	0	0	0

360 TSL Ltd

Direction: Total Flow

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<30	Bin 4 30<35	Bin 5 35<40	Bin 6 40<45	Bin 7 45<50	Bin 8 50<55	Bin 9 55<60	Bin 10 60<70	Bin 11 70<80	Bin 12 >=80
Thu 28 Apr 2022	199	44.2	35.6	8.3	1	2	41	54	43	32	16	9	1	0	0	0
Fri 29 Apr 2022	194	43.2	35.6	7.4	0	2	34	53	57	29	16	2	0	1	0	0
Sat 30 Apr 2022	287	45.4	37.3	7.8	0	1	43	66	71	69	18	16	2	1	0	0
Sun 1 May 2022	269	46.5	37.0	9.2	1	8	43	54	62	52	29	17	2	1	0	0
Mon 2 May 2022	278	45.4	35.9	9.1	1	9	56	48	79	44	23	16	1	1	0	0
Tue 3 May 2022	239	45.0	36.9	7.9	0	1	48	31	77	49	24	7	2	0	0	0
Wed 4 May 2022	167	41.6	34.9	6.5	0	3	21	68	37	31	6	1	0	0	0	0
5 Day Ave.	215	43.9	35.8	7.8	0	3	40	51	59	37	17	7	1	0	0	0
7 Day Ave.	233	44.5	36.2	8.0	0	4	41	53	61	44	19	10	1	1	0	0

360 TSL Ltd



## North Wales ATC 18, B5381

Direction: Westbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<30	Bin 4 30<35	Bin 5 35<40	Bin 6 40<45	Bin 7 45<50	Bin 8 50<55	Bin 9 55<60	Bin 10 60<70	Bin 11 70<80	Bin 12 >=80
Thu 28 Apr 2022	155	44.2	36.1	7.8	0	0	31	42	35	26	13	8	0	0	0	0
Fri 29 Apr 2022	136	41.4	32.6	8.5	1	3	52	30	20	16	13	1	0	0	0	0
Sat 30 Apr 2022	151	43.1	34.0	8.8	1	2	42	46	29	16	6	4	5	0	0	0
Sun 1 May 2022	97	50.4	37.1	12.8	1	1	28	18	12	19	6	4	1	4	3	0
Mon 2 May 2022	99	48.7	37.1	11.1	1	1	20	28	13	18	7	4	1	6	0	0
Tue 3 May 2022	124	43.4	34.0	9.1	1	1	37	40	16	9	16	2	1	1	0	0
Wed 4 May 2022	110	41.8	34.1	7.5	0	0	29	36	28	6	8	1	2	0	0	0
5 Day Ave.	125	43.9	34.8	8.8	1	1	34	35	22	15	11	3	1	1	0	0
7 Day Ave.	125	44.7	35.0	9.4	1	1	34	34	22	16	10	3	1	2	0	0

360 TSL Ltd

Direction: Eastbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<30	Bin 4 30<35	Bin 5 35<40	Bin 6 40<45	Bin 7 45<50	Bin 8 50<55	Bin 9 55<60	Bin 10 60<70	Bin 11 70<80	Bin 12 >=80
Thu 28 Apr 2022	86	46.2	38.9	7.0	0	0	4	21	27	22	6	4	1	1	0	0
Fri 29 Apr 2022	87	43.4	37.5	5.7	0	0	3	29	31	14	8	2	0	0	0	0
Sat 30 Apr 2022	114	45.6	38.3	7.0	0	2	4	27	40	24	13	3	0	1	0	0
Sun 1 May 2022	159	45.0	38.3	6.4	0	0	9	41	52	31	21	4	1	0	0	0
Mon 2 May 2022	154	43.9	37.7	6.0	0	0	12	31	66	27	15	3	0	0	0	0
Tue 3 May 2022	120	45.5	38.8	6.4	0	0	4	31	38	30	11	5	0	1	0	0
Wed 4 May 2022	112	46.6	38.5	7.8	0	1	10	23	36	17	20	1	4	0	0	0
5 Day Ave.	112	45.1	38.3	6.6	0	0	7	27	40	22	12	3	1	0	0	0
7 Day Ave.	119	45.2	38.3	6.6	0	0	7	29	41	24	13	3	1	0	0	0

360 TSL Ltd

Direction: Total Flow

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<30	Bin 4 30<35	Bin 5 35<40	Bin 6 40<45	Bin 7 45<50	Bin 8 50<55	Bin 9 55<60	Bin 10 60<70	Bin 11 70<80	Bin 12 >=80
Thu 28 Apr 2022	241	45.0	37.1	7.6	0	0	35	63	62	48	19	12	1	1	0	0
Fri 29 Apr 2022	223	42.7	34.5	7.9	1	3	55	59	51	30	21	3	0	0	0	0
Sat 30 Apr 2022	265	44.5	35.9	8.4	1	4	46	73	69	40	19	7	5	1	0	0
Sun 1 May 2022	256	47.6	37.9	9.4	1	1	37	59	64	50	27	8	2	4	3	0
Mon 2 May 2022	253	46.1	37.5	8.4	1	1	32	59	79	45	22	7	1	6	0	0
Tue 3 May 2022	244	44.9	36.4	8.2	1	1	41	71	54	39	27	7	1	2	0	0
Wed 4 May 2022	222	44.6	36.3	8.0	0	1	39	59	64	23	28	2	6	0	0	0
5 Day Ave.	237	44.7	36.3	8.0	1	1	40	62	62	37	23	6	2	2	0	0
7 Day Ave.	243	45.1	36.5	8.3	1	2	41	63	63	39	23	7	2	2	0	0

360 TSL Ltd



# North Wales ATC 18, B5381

Direction: Westbound

28/04/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	2	0	0	2	0
01:00	3	2	1	0	0
02:00	1	1	0	0	0
03:00	0	0	0	0	0
04:00	2	2	0	0	0
05:00	3	2	1	0	0
06:00	6	5	1	0	0
07:00	28	17	11	0	0
08:00	69	54	14	1	0
09:00	62	40	21	1	0
10:00	47	28	19	0	0
11:00	46	42	4	0	0
12:00	54	43	9	1	1
13:00	45	29	15	1	0
14:00	69	55	14	0	0
15:00	86	79	6	0	1
16:00	121	103	15	3	0
17:00	110	93	17	0	0
18:00	68	55	13	0	0
19:00	40	34	6	0	0
20:00	33	31	1	1	0
21:00	25	23	2	0	0
22:00	16	14	2	0	0
23:00	9	9	0	0	0
Total					
12H(7-19)	805	638	158	7	2
16H(6-22)	909	731	168	8	2
18H(6-24)	934	754	170	8	2
24H(0-24)	945	761	172	10	2
AM Peak	08:00	08:00	09:00	00:00	00:00
	69	54	21	2	0
PM Peak	16:00	16:00	17:00	16:00	12:00
	121	103	17	3	1

360 TSL Ltd

Direction: Eastbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	0	0	0	0	0
01:00	2	1	1	0	0
02:00	1	1	0	0	0
03:00	0	0	0	0	0
04:00	4	3	1	0	0
05:00	12	9	3	0	0
06:00	30	16	14	0	0
07:00	82	50	31	1	0
08:00	91	69	21	1	0
09:00	56	40	16	0	0
10:00	57	40	16	1	0
11:00	49	34	14	0	1
12:00	49	37	9	2	1
13:00	55	37	17	0	1
14:00	45	29	16	0	0
15:00	41	29	12	0	0
16:00	69	52	16	1	0
17:00	57	51	5	0	1
18:00	43	37	6	0	0
19:00	38	28	10	0	0
20:00	8	6	2	0	0
21:00	9	8	1	0	0
22:00	6	4	2	0	0
23:00	5	5	0	0	0
Total					
12H(7-19)	694	505	179	6	4
16H(6-22)	779	563	206	6	4
18H(6-24)	790	572	208	6	4
24H(0-24)	809	586	213	6	4
AM Peak	08:00	08:00	07:00	07:00	11:00
	91	69	31	1	1
PM Peak	16:00	16:00	13:00	12:00	12:00
	69	52	17	2	1

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	2	0	0	2	0
01:00	5	3	2	0	0
02:00	2	2	0	0	0
03:00	0	0	0	0	0
04:00	6	5	1	0	0
05:00	15	11	4	0	0
06:00	36	21	15	0	0
07:00	110	67	42	1	0
08:00	160	123	35	2	0
09:00	118	80	37	1	0
10:00	104	68	35	1	0
11:00	95	76	18	0	1
12:00	103	80	18	3	2
13:00	100	66	32	1	1
14:00	114	84	30	0	0
15:00	127	108	18	0	1
16:00	190	155	31	4	0
17:00	167	144	22	0	1
18:00	111	92	19	0	0
19:00	78	62	16	0	0
20:00	41	37	3	1	0
21:00	34	31	3	0	0
22:00	22	18	4	0	0
23:00	14	14	0	0	0
Total					
12H(7-19)	1499	1143	337	13	6
16H(6-22)	1688	1294	374	14	6
18H(6-24)	1724	1326	378	14	6
24H(0-24)	1754	1347	385	16	6
AM Peak	08:00	08:00	07:00	00:00	11:00
	160	123	42	2	1
PM Peak	16:00	16:00	13:00	16:00	12:00
	190	155	32	4	2

360 TSL Ltd



# North Wales ATC 18, B5381

Direction: Westbound

29/04/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	2	1	1	0	0
01:00	0	0	0	0	0
02:00	1	1	0	0	0
03:00	1	0	1	0	0
04:00	3	1	2	0	0
05:00	1	1	0	0	0
06:00	4	3	1	0	0
07:00	34	31	2	0	1
08:00	81	63	17	0	1
09:00	36	26	9	1	0
10:00	31	23	8	0	0
11:00	50	42	4	4	0
12:00	57	49	7	1	0
13:00	83	64	17	2	0
14:00	65	60	5	0	0
15:00	71	57	14	0	0
16:00	110	105	5	0	0
17:00	90	80	10	0	0
18:00	111	97	14	0	0
19:00	41	35	6	0	0
20:00	33	23	10	0	0
21:00	18	17	1	0	0
22:00	12	11	1	0	0
23:00	11	9	2	0	0
Total					
12H(7-19)	819	697	112	8	2
16H(6-22)	915	775	130	8	2
18H(6-24)	938	795	133	8	2
24H(0-24)	946	799	137	8	2
AM Peak	08:00	08:00	08:00	11:00	07:00
	81	63	17	4	1
PM Peak	18:00	16:00	13:00	13:00	12:00
	111	105	17	2	0

360 TSL Ltd

Direction: Eastbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	0	0	0	0	0
01:00	0	0	0	0	0
02:00	1	1	0	0	0
03:00	2	0	1	1	0
04:00	3	2	0	0	1
05:00	7	5	1	1	0
06:00	23	12	11	0	0
07:00	81	57	22	2	0
08:00	96	77	18	0	1
09:00	64	52	12	0	0
10:00	68	49	12	7	0
11:00	45	37	6	1	1
12:00	66	52	14	0	0
13:00	60	47	13	0	0
14:00	36	25	10	1	0
15:00	51	44	7	0	0
16:00	69	50	18	1	0
17:00	33	19	14	0	0
18:00	42	29	13	0	0
19:00	20	18	2	0	0
20:00	20	17	2	1	0
21:00	5	3	2	0	0
22:00	1	1	0	0	0
23:00	2	1	1	0	0
Total					
12H(7-19)	711	538	159	12	2
16H(6-22)	779	588	176	13	2
18H(6-24)	782	590	177	13	2
24H(0-24)	795	598	179	15	3
AM Peak	08:00	08:00	07:00	10:00	04:00
	96	77	22	7	1
PM Peak	16:00	12:00	16:00	14:00	12:00
	69	52	18	1	0

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	2	1	1	0	0
01:00	0	0	0	0	0
02:00	2	2	0	0	0
03:00	3	0	2	1	0
04:00	6	3	2	0	1
05:00	8	6	1	1	0
06:00	27	15	12	0	0
07:00	115	88	24	2	1
08:00	177	140	35	0	2
09:00	100	78	21	1	0
10:00	99	72	20	7	0
11:00	95	79	10	5	1
12:00	123	101	21	1	0
13:00	143	111	30	2	0
14:00	101	85	15	1	0
15:00	122	101	21	0	0
16:00	179	155	23	1	0
17:00	123	99	24	0	0
18:00	153	126	27	0	0
19:00	61	53	8	0	0
20:00	53	40	12	1	0
21:00	23	20	3	0	0
22:00	13	12	1	0	0
23:00	13	10	3	0	0
Total					
12H(7-19)	1530	1235	271	20	4
16H(6-22)	1694	1363	306	21	4
18H(6-24)	1720	1385	310	21	4
24H(0-24)	1741	1397	316	23	5
AM Peak	08:00	08:00	08:00	10:00	08:00
	177	140	35	7	2
PM Peak	16:00	16:00	13:00	13:00	12:00
	179	155	30	2	0

360 TSL Ltd



# North Wales ATC 18, B5381

Direction: Westbound

30/04/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	8	6	2	0	0
01:00	1	1	0	0	0
02:00	2	1	1	0	0
03:00	0	0	0	0	0
04:00	2	1	0	1	0
05:00	1	1	0	0	0
06:00	8	8	0	0	0
07:00	14	13	0	0	1
08:00	31	28	3	0	0
09:00	54	48	5	1	0
10:00	60	48	12	0	0
11:00	102	91	11	0	0
12:00	74	63	11	0	0
13:00	80	73	6	1	0
14:00	68	65	3	0	0
15:00	83	68	14	1	0
16:00	82	71	11	0	0
17:00	37	33	4	0	0
18:00	34	32	2	0	0
19:00	26	25	1	0	0
20:00	13	11	1	1	0
21:00	19	17	2	0	0
22:00	15	14	1	0	0
23:00	7	4	2	1	0
Total					
12H(7-19)	719	633	82	3	1
16H(6-22)	785	694	86	4	1
18H(6-24)	807	712	89	5	1
24H(0-24)	821	722	92	6	1
AM Peak	11:00 102	11:00 91	10:00 12	04:00 1	07:00 1
PM Peak	15:00 83	13:00 73	15:00 14	13:00 1	12:00 0

360 TSL Ltd

Direction: Eastbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	7	5	1	1	0
01:00	2	1	1	0	0
02:00	0	0	0	0	0
03:00	2	0	0	2	0
04:00	1	1	0	0	0
05:00	5	5	0	0	0
06:00	13	11	2	0	0
07:00	24	16	8	0	0
08:00	34	26	8	0	0
09:00	63	46	16	1	0
10:00	51	46	5	0	0
11:00	74	68	6	0	0
12:00	49	45	3	1	0
13:00	42	37	4	0	1
14:00	47	41	5	1	0
15:00	67	61	6	0	0
16:00	54	49	4	0	1
17:00	58	55	2	0	1
18:00	56	45	10	1	0
19:00	41	37	4	0	0
20:00	16	14	2	0	0
21:00	12	9	1	2	0
22:00	2	2	0	0	0
23:00	3	2	0	0	1
Total					
12H(7-19)	619	535	77	4	3
16H(6-22)	701	606	86	6	3
18H(6-24)	706	610	86	6	4
24H(0-24)	723	622	88	9	4
AM Peak	11:00 74	11:00 68	09:00 16	03:00 2	00:00 0
PM Peak	15:00 67	15:00 61	18:00 10	21:00 2	13:00 1

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	15	11	3	1	0
01:00	3	2	1	0	0
02:00	2	1	1	0	0
03:00	2	0	0	2	0
04:00	3	2	0	1	0
05:00	6	6	0	0	0
06:00	21	19	2	0	0
07:00	38	29	8	0	1
08:00	65	54	11	0	0
09:00	117	94	21	2	0
10:00	111	94	17	0	0
11:00	176	159	17	0	0
12:00	123	108	14	1	0
13:00	122	110	10	1	1
14:00	115	106	8	1	0
15:00	150	129	20	1	0
16:00	136	120	15	0	1
17:00	95	88	6	0	1
18:00	90	77	12	1	0
19:00	67	62	5	0	0
20:00	29	25	3	1	0
21:00	31	26	3	2	0
22:00	17	16	1	0	0
23:00	10	6	2	1	1
Total					
12H(7-19)	1338	1168	159	7	4
16H(6-22)	1486	1300	172	10	4
18H(6-24)	1513	1322	175	11	5
24H(0-24)	1544	1344	180	15	5
AM Peak	11:00 176	11:00 159	09:00 21	03:00 2	07:00 1
PM Peak	15:00 150	15:00 129	15:00 20	21:00 2	13:00 1

360 TSL Ltd



# North Wales ATC 18, B5381

Direction: Westbound

01/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	4	4	0	0	0
01:00	2	2	0	0	0
02:00	0	0	0	0	0
03:00	1	1	0	0	0
04:00	2	1	0	0	1
05:00	0	0	0	0	0
06:00	3	2	1	0	0
07:00	20	15	5	0	0
08:00	12	12	0	0	0
09:00	26	24	2	0	0
10:00	48	47	1	0	0
11:00	60	53	7	0	0
12:00	62	60	2	0	0
13:00	50	42	8	0	0
14:00	46	45	1	0	0
15:00	51	48	3	0	0
16:00	61	55	6	0	0
17:00	42	41	1	0	0
18:00	19	17	2	0	0
19:00	25	25	0	0	0
20:00	24	22	1	1	0
21:00	6	5	1	0	0
22:00	8	7	0	1	0
23:00	5	4	1	0	0
Total					
12H(7-19)	497	459	38	0	0
16H(6-22)	555	513	41	1	0
18H(6-24)	568	524	42	2	0
24H(0-24)	577	532	42	2	1
AM Peak	11:00 60	11:00 53	11:00 7	00:00 0	04:00 1
PM Peak	12:00 62	12:00 60	13:00 8	20:00 1	12:00 0

360 TSL Ltd

Direction: Eastbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	1	1	0	0	0
01:00	0	0	0	0	0
02:00	1	1	0	0	0
03:00	1	0	0	1	0
04:00	2	2	0	0	0
05:00	4	4	0	0	0
06:00	3	2	1	0	0
07:00	17	12	4	1	0
08:00	15	12	3	0	0
09:00	57	50	7	0	0
10:00	79	67	12	0	0
11:00	82	78	4	0	0
12:00	86	70	16	0	0
13:00	55	47	8	0	0
14:00	68	65	3	0	0
15:00	91	82	5	4	0
16:00	58	54	4	0	0
17:00	68	63	4	1	0
18:00	39	36	3	0	0
19:00	34	27	7	0	0
20:00	15	14	1	0	0
21:00	23	18	3	2	0
22:00	5	4	1	0	0
23:00	0	0	0	0	0
Total					
12H(7-19)	715	636	73	6	0
16H(6-22)	790	697	85	8	0
18H(6-24)	795	701	86	8	0
24H(0-24)	804	709	86	9	0
AM Peak	11:00 82	11:00 78	10:00 12	03:00 1	00:00 0
PM Peak	15:00 91	15:00 82	12:00 16	15:00 4	12:00 0

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	5	5	0	0	0
01:00	2	2	0	0	0
02:00	1	1	0	0	0
03:00	2	1	0	1	0
04:00	4	3	0	0	1
05:00	4	4	0	0	0
06:00	6	4	2	0	0
07:00	37	27	9	1	0
08:00	27	24	3	0	0
09:00	83	74	9	0	0
10:00	127	114	13	0	0
11:00	142	131	11	0	0
12:00	148	130	18	0	0
13:00	105	89	16	0	0
14:00	114	110	4	0	0
15:00	142	130	8	4	0
16:00	119	109	10	0	0
17:00	110	104	5	1	0
18:00	58	53	5	0	0
19:00	59	52	7	0	0
20:00	39	36	2	1	0
21:00	29	23	4	2	0
22:00	13	11	1	1	0
23:00	5	4	1	0	0
Total					
12H(7-19)	1212	1095	111	6	0
16H(6-22)	1345	1210	126	9	0
18H(6-24)	1363	1225	128	10	0
24H(0-24)	1381	1241	128	11	1
AM Peak	11:00 142	11:00 131	10:00 13	03:00 1	04:00 1
PM Peak	12:00 148	12:00 130	12:00 18	15:00 4	12:00 0

360 TSL Ltd



# North Wales ATC 18, B5381

Direction: Westbound

02/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	2	1	0	1	0
01:00	1	1	0	0	0
02:00	1	0	0	1	0
03:00	1	1	0	0	0
04:00	1	1	0	0	0
05:00	0	0	0	0	0
06:00	3	2	1	0	0
07:00	19	15	4	0	0
08:00	18	18	0	0	0
09:00	25	24	1	0	0
10:00	43	42	1	0	0
11:00	90	79	5	3	3
12:00	70	67	3	0	0
13:00	63	51	12	0	0
14:00	53	52	1	0	0
15:00	46	43	3	0	0
16:00	86	79	7	0	0
17:00	47	46	1	0	0
18:00	29	25	4	0	0
19:00	34	33	1	0	0
20:00	26	23	1	2	0
21:00	12	9	1	2	0
22:00	18	15	1	1	1
23:00	10	7	1	2	0
Total					
12H(7-19)	589	541	42	3	3
16H(6-22)	664	608	46	7	3
18H(6-24)	692	630	48	10	4
24H(0-24)	698	634	48	12	4
AM Peak	11:00	11:00	11:00	11:00	11:00
	90	79	5	3	3
PM Peak	16:00	16:00	13:00	20:00	22:00
	86	79	12	2	1

360 TSL Ltd

Direction: Eastbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	3	1	0	0	2
01:00	0	0	0	0	0
02:00	0	0	0	0	0
03:00	0	0	0	0	0
04:00	2	1	1	0	0
05:00	8	4	0	4	0
06:00	12	9	3	0	0
07:00	16	13	2	1	0
08:00	17	16	1	0	0
09:00	75	59	16	0	0
10:00	71	62	9	0	0
11:00	74	68	6	0	0
12:00	76	59	17	0	0
13:00	58	41	17	0	0
14:00	66	63	3	0	0
15:00	88	84	2	2	0
16:00	63	58	5	0	0
17:00	75	66	7	2	0
18:00	45	38	7	0	0
19:00	39	33	6	0	0
20:00	23	21	2	0	0
21:00	7	5	1	1	0
22:00	9	2	3	4	0
23:00	2	1	1	0	0
Total					
12H(7-19)	724	627	92	5	0
16H(6-22)	805	695	104	6	0
18H(6-24)	816	698	108	10	0
24H(0-24)	829	704	109	14	2
AM Peak	09:00	11:00	09:00	05:00	00:00
	75	68	16	4	2
PM Peak	15:00	15:00	12:00	22:00	12:00
	88	84	17	4	0

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	5	2	0	1	2
01:00	1	1	0	0	0
02:00	1	0	0	1	0
03:00	1	1	0	0	0
04:00	3	2	1	0	0
05:00	8	4	0	4	0
06:00	15	11	4	0	0
07:00	35	28	6	1	0
08:00	35	34	1	0	0
09:00	100	83	17	0	0
10:00	114	104	10	0	0
11:00	164	147	11	3	3
12:00	146	126	20	0	0
13:00	121	92	29	0	0
14:00	119	115	4	0	0
15:00	134	127	5	2	0
16:00	149	137	12	0	0
17:00	122	112	8	2	0
18:00	74	63	11	0	0
19:00	73	66	7	0	0
20:00	49	44	3	2	0
21:00	19	14	2	3	0
22:00	27	17	4	5	1
23:00	12	8	2	2	0
Total					
12H(7-19)	1313	1168	134	8	3
16H(6-22)	1469	1303	150	13	3
18H(6-24)	1508	1328	156	20	4
24H(0-24)	1527	1338	157	26	6
AM Peak	11:00	11:00	09:00	05:00	11:00
	164	147	17	4	3
PM Peak	16:00	16:00	13:00	22:00	22:00
	149	137	29	5	1

360 TSL Ltd



# North Wales ATC 18, B5381

Direction: Westbound

03/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	2	1	1	0	0
01:00	3	1	2	0	0
02:00	0	0	0	0	0
03:00	1	1	0	0	0
04:00	2	0	0	2	0
05:00	9	8	0	1	0
06:00	12	11	0	0	1
07:00	36	28	7	0	1
08:00	54	41	13	0	0
09:00	70	56	14	0	0
10:00	42	36	6	0	0
11:00	52	42	9	1	0
12:00	70	60	10	0	0
13:00	47	42	4	1	0
14:00	57	47	8	1	1
15:00	67	56	10	1	0
16:00	74	64	10	0	0
17:00	127	107	20	0	0
18:00	59	52	4	3	0
19:00	35	30	5	0	0
20:00	17	16	1	0	0
21:00	26	25	1	0	0
22:00	8	7	1	0	0
23:00	3	3	0	0	0
Total					
12H(7-19)	755	631	115	7	2
16H(6-22)	845	713	122	7	3
18H(6-24)	856	723	123	7	3
24H(0-24)	873	734	126	10	3
AM Peak	09:00 70	09:00 56	09:00 14	04:00 2	06:00 1
PM Peak	17:00 127	17:00 107	17:00 20	18:00 3	14:00 1

360 TSL Ltd

Direction: Eastbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	1	1	0	0	0
01:00	2	1	1	0	0
02:00	0	0	0	0	0
03:00	0	0	0	0	0
04:00	3	2	1	0	0
05:00	12	11	1	0	0
06:00	24	15	9	0	0
07:00	91	69	22	0	0
08:00	131	108	22	0	1
09:00	58	51	6	1	0
10:00	73	54	17	1	1
11:00	72	59	13	0	0
12:00	38	26	12	0	0
13:00	70	58	12	0	0
14:00	58	50	5	3	0
15:00	62	52	8	2	0
16:00	56	31	24	1	0
17:00	91	72	15	0	4
18:00	41	36	5	0	0
19:00	26	16	10	0	0
20:00	11	10	1	0	0
21:00	12	10	2	0	0
22:00	6	5	1	0	0
23:00	0	0	0	0	0
Total					
12H(7-19)	841	666	161	8	6
16H(6-22)	914	717	183	8	6
18H(6-24)	920	722	184	8	6
24H(0-24)	938	737	187	8	6
AM Peak	08:00 131	08:00 108	07:00 22	09:00 1	08:00 1
PM Peak	17:00 91	17:00 72	16:00 24	14:00 3	17:00 4

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	3	2	1	0	0
01:00	5	2	3	0	0
02:00	0	0	0	0	0
03:00	1	1	0	0	0
04:00	5	2	1	2	0
05:00	21	19	1	1	0
06:00	36	26	9	0	1
07:00	127	97	29	0	1
08:00	185	149	35	0	1
09:00	128	107	20	1	0
10:00	115	90	23	1	1
11:00	124	101	22	1	0
12:00	108	86	22	0	0
13:00	117	100	16	1	0
14:00	115	97	13	4	1
15:00	129	108	18	3	0
16:00	130	95	34	1	0
17:00	218	179	35	0	4
18:00	100	88	9	3	0
19:00	61	46	15	0	0
20:00	28	26	2	0	0
21:00	38	35	3	0	0
22:00	14	12	2	0	0
23:00	3	3	0	0	0
Total					
12H(7-19)	1596	1297	276	15	8
16H(6-22)	1759	1430	305	15	9
18H(6-24)	1776	1445	307	15	9
24H(0-24)	1811	1471	313	18	9
AM Peak	08:00 185	08:00 149	08:00 35	04:00 2	06:00 1
PM Peak	17:00 218	17:00 179	17:00 35	14:00 4	17:00 4

360 TSL Ltd



# North Wales ATC 18, B5381

Direction: Westbound

04/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	1	1	0	0	0
01:00	2	1	1	0	0
02:00	0	0	0	0	0
03:00	1	1	0	0	0
04:00	0	0	0	0	0
05:00	5	3	2	0	0
06:00	7	7	0	0	0
07:00	29	24	4	0	1
08:00	76	55	18	3	0
09:00	66	41	24	1	0
10:00	34	14	19	1	0
11:00	36	30	6	0	0
12:00	51	34	17	0	0
13:00	40	33	7	0	0
14:00	39	35	4	0	0
15:00	71	54	16	1	0
16:00	115	103	10	1	1
17:00	114	98	12	3	1
18:00	57	44	13	0	0
19:00	32	28	4	0	0
20:00	14	13	1	0	0
21:00	26	24	2	0	0
22:00	18	17	1	0	0
23:00	1	1	0	0	0
Total					
12H(7-19)	728	565	150	10	3
16H(6-22)	807	637	157	10	3
18H(6-24)	826	655	158	10	3
24H(0-24)	835	661	161	10	3
AM Peak	08:00 76	08:00 55	09:00 24	08:00 3	07:00 1
PM Peak	16:00 115	16:00 103	12:00 17	17:00 3	16:00 1

360 TSL Ltd

Direction: Eastbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	5	4	1	0	0
01:00	4	1	1	2	0
02:00	1	1	0	0	0
03:00	1	0	1	0	0
04:00	2	1	0	1	0
05:00	10	9	0	1	0
06:00	33	29	3	0	1
07:00	91	73	17	1	0
08:00	119	109	9	1	0
09:00	58	38	18	1	1
10:00	52	36	16	0	0
11:00	45	30	15	0	0
12:00	49	33	15	1	0
13:00	71	60	10	0	1
14:00	36	29	7	0	0
15:00	76	44	27	1	4
16:00	63	53	10	0	0
17:00	58	53	5	0	0
18:00	24	22	2	0	0
19:00	26	24	2	0	0
20:00	7	4	1	2	0
21:00	3	3	0	0	0
22:00	5	2	3	0	0
23:00	4	4	0	0	0
Total					
12H(7-19)	742	580	151	5	6
16H(6-22)	811	640	157	7	7
18H(6-24)	820	646	160	7	7
24H(0-24)	843	662	163	11	7
AM Peak	08:00 119	08:00 109	09:00 18	01:00 2	06:00 1
PM Peak	15:00 76	13:00 60	15:00 27	20:00 2	15:00 4

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	6	5	1	0	0
01:00	6	2	2	2	0
02:00	1	1	0	0	0
03:00	2	1	1	0	0
04:00	2	1	0	1	0
05:00	15	12	2	1	0
06:00	40	36	3	0	1
07:00	120	97	21	1	1
08:00	195	164	27	4	0
09:00	124	79	42	2	1
10:00	86	50	35	1	0
11:00	81	60	21	0	0
12:00	100	67	32	1	0
13:00	111	93	17	0	1
14:00	75	64	11	0	0
15:00	147	98	43	2	4
16:00	178	156	20	1	1
17:00	172	151	17	3	1
18:00	81	66	15	0	0
19:00	58	52	6	0	0
20:00	21	17	2	2	0
21:00	29	27	2	0	0
22:00	23	19	4	0	0
23:00	5	5	0	0	0
Total					
12H(7-19)	1470	1145	301	15	9
16H(6-22)	1618	1277	314	17	10
18H(6-24)	1646	1301	318	17	10
24H(0-24)	1678	1323	324	21	10
AM Peak	08:00 195	08:00 164	09:00 42	08:00 4	06:00 1
PM Peak	16:00 178	16:00 156	15:00 43	17:00 3	15:00 4

360 TSL Ltd



North Wales ATC 18, B5381

Direction: Westbound

28/04/2022																
Hour Beginning	Total Volume	ESD Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-40	Bin 5 40-50	Bin 6 50-60	Bin 7 60-70	Bin 8 70-80	Bin 9 80-90	Bin 10 90-95	Bin 11 95-99	Bin 12 >=99
00:00	2	32.5	32.5	0.0	0	0	0	2	0	0	0	0	0	0	0	0
01:00	3	37.2	34.2	2.9	0	0	0	2	1	0	0	0	0	0	0	0
02:00	1	-	32.5	-	0	0	0	1	0	0	0	0	0	0	0	0
03:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
04:00	2	25.0	25.0	0.0	0	0	2	0	0	0	0	0	0	0	0	0
05:00	3	32.0	27.5	4.3	0	0	2	1	0	0	0	0	0	0	0	0
06:00	6	39.1	31.3	7.5	0	0	3	1	1	1	0	0	0	0	0	0
07:00	28	43.8	34.7	8.7	0	0	11	7	7	5	4	0	0	0	0	0
08:00	69	45.6	37.2	8.1	0	0	12	17	13	15	9	2	1	0	0	0
09:00	62	44.5	35.6	8.6	0	1	9	25	14	6	2	3	1	1	0	0
10:00	47	44.2	33.9	9.9	1	2	10	15	8	6	1	3	1	0	0	0
11:00	46	40.8	33.9	6.7	0	0	13	10	17	3	3	0	0	0	0	0
12:00	54	39.8	32.0	7.5	1	1	15	23	5	7	2	0	0	0	0	0
13:00	45	42.5	32.6	9.6	2	1	14	8	8	9	3	0	0	0	0	0
14:00	69	44.4	35.8	8.3	0	0	16	18	14	13	2	6	0	0	0	0
15:00	86	44.0	36.3	7.4	0	0	15	24	21	13	11	2	0	0	0	0
16:00	121	46.1	36.5	9.2	0	1	29	25	21	20	21	5	0	0	0	0
17:00	110	46.5	36.4	9.8	0	0	34	23	6	23	15	7	1	1	0	0
18:00	68	45.0	36.0	8.7	0	0	13	26	10	6	10	1	1	1	0	0
19:00	40	42.2	34.5	7.4	0	1	7	14	11	2	5	0	0	0	0	0
20:00	33	46.1	35.7	10.0	0	0	12	6	3	2	8	2	0	0	0	0
21:00	35	42.3	33.8	8.2	0	0	6	6	8	2	1	1	0	0	0	0
22:00	16	41.2	33.0	7.9	0	0	7	2	2	5	0	0	0	0	0	0
23:00	9	38.4	33.4	6.7	0	0	4	2	2	1	0	0	0	0	0	0
Total					93	42.6	33.9	8.5	1	2	23	25	25	9	4	3
2H(14-16)					155	44.2	36.1	7.8	0	0	31	42	35	26	13	8
12H(7-19)					805	44.3	35.5	8.8	4	6	193	215	144	136	83	27
24H(0-24)					945	44.2	35.2	8.7	4	8	204	252	172	139	97	30
AM Peak	08:00	08:00	08:00	10:00	10:00	10:00	11:00	10:00	11:00	08:00	08:00	09:00	08:00	09:00	08:00	09:00
	69	45.6	37.2	9.9	1	2	13	25	17	15	9	3	1	1	0	0
PM Peak	16:00	17:00	16:00	20:00	13:00	12:00	17:00	18:00	15:00	17:00	16:00	17:00	17:00	16:00	17:00	12:00
	121	46.6	36.5	10.0	2	1	34	28	21	23	21	7	1	1	1	0

360 TSL Ltd

Direction: Eastbound

Hour Beginning	Total Volume	ESD Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-40	Bin 5 40-50	Bin 6 50-60	Bin 7 60-70	Bin 8 70-80	Bin 9 80-90	Bin 10 90-95	Bin 11 95-99	Bin 12 >=99	
00:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0	
01:00	2	54.8	47.5	7.1	0	0	0	0	0	1	0	0	0	0	0	0	
02:00	1	-	37.5	-	0	0	0	0	1	0	0	0	0	0	0	0	
03:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0	
04:00	4	46.7	40.0	6.5	0	0	0	1	1	1	1	0	0	0	0	0	
05:00	12	45.1	36.1	8.8	0	0	1	3	3	3	2	0	0	0	0	0	
06:00	30	52.9	42.9	9.6	0	0	2	4	7	4	6	4	2	0	0	0	
07:00	82	48.4	40.8	7.5	0	0	4	11	28	19	6	12	2	0	0	0	
08:00	91	44.3	39.3	4.9	0	3	9	39	32	7	1	0	0	0	0	0	
09:00	56	46.5	39.2	7.1	0	0	4	10	20	9	9	4	0	0	0	0	
10:00	57	42.2	36.8	7.2	0	0	12	21	13	4	8	0	0	0	0	0	
11:00	49	48.1	39.7	8.1	0	0	6	8	6	19	4	6	0	0	0	0	
12:00	49	48.1	40.3	7.6	0	0	4	7	7	9	21	4	1	3	0	0	
13:00	55	48.2	39.3	6.4	0	0	3	14	18	13	4	3	0	0	0	0	
14:00	45	47.0	39.4	7.4	0	0	3	5	20	11	3	1	1	1	0	0	
15:00	41	45.3	38.4	6.7	0	0	1	16	7	11	3	3	0	0	0	0	
16:00	69	45.2	39.2	5.7	0	0	2	13	22	26	3	2	1	0	0	0	
17:00	57	49.6	42.4	7.0	0	0	1	5	16	16	14	2	2	1	0	0	
18:00	43	46.2	38.0	7.8	0	0	4	12	12	8	5	1	0	0	1	0	
19:00	38	47.9	39.7	7.8	0	0	0	14	4	16	2	0	0	0	2	0	
20:00	8	48.9	43.9	6.8	0	0	0	2	4	1	1	0	0	0	0	0	
21:00	9	43.5	35.8	7.4	0	0	2	2	1	4	0	0	0	0	0	0	
22:00	6	57.7	56.3	11.0	0	0	0	0	0	1	0	0	0	0	0	3	0
23:00	5	47.1	39.0	7.8	0	0	1	0	0	4	0	0	0	0	0	0	
Total																	
2H(14-16)	86	45.3	37.1	8.0	0	0	18	29	18	23	12	6	4	1	0	0	
12H(7-19)	694	46.1	39.2	7.0	0	0	47	131	209	189	70	36	9	3	0	0	
24H(0-24)	809	47.2	39.5	7.4	0	0	53	157	227	226	82	44	11	9	0	0	
AM Peak	08:00	01:00	01:00	06:00	00:00	00:00	10:00	10:00	08:00	08:00	09:00	07:00	06:00	06:00	00:00	00:00	
	91	54.8	47.5	9.6	0	0	12	21	39	32	9	32	2	1	0	0	
PM Peak	16:00	22:00	22:00	22:00	13:00	12:00	13:00	15:00	16:00	16:00	17:00	13:00	12:00	22:00	12:00	12:00	
	69	45.7	36.5	11.0	0	0	4	16	22	26	14	3	3	3	0	0	

360 TSL Ltd

Direction: Total Flow

28/04/2022																	
Hour Beginning	Total Volume	ESD Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-40	Bin 5 40-50	Bin 6 50-60	Bin 7 60-70	Bin 8 70-80	Bin 9 80-90	Bin 10 90-95	Bin 11 95-99	Bin 12 >=99	
00:00	2	32.5	32.5	0.0	0	0	0	2	1	1	0	0	0	0	0	0	
01:00	5	48.2	39.5	8.4	0	0	0	2	1	1	0	1	0	0	0	0	
02:00	2	38.7	35.0	3.5	0	0	0	1	1	0	0	0	0	0	0	0	
03:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0	
04:00	6	44.6	35.0	-	0	0	2	1	1	1	1	0	0	0	0	0	
05:00	15	43.9	36.0	7.6	0	0	3	4	3	3	2	0	0	0	0	0	
06:00	36	51.6	41.9	10.2	0	0	5	5	8	5	16	6	4	2	0	0	
07:00	83	59.3	48.3	8.2	0	0	15	12	34	24	30	12	0	0	0	0	
08:00	104	65.1	54.4	6.5	0	0	15	26	52	47	16	3	0	0	0	0	
09:00	65	65.3	55.3	6.1	0	0	13	35	39	20	10	9	0	0	0	0	
10:00	304	43.2	34.4	6.5	1	2	22	22	36	28	10	9	3	1	0	0	
11:00	95	45.0	36.0	6.5	0	0	18	18	28	23	12	7	0	0	0	0	
12:00	103	44.8	35.9	6.6	1	1	19	30	34	28	6	1	3	0	0	0	
13:00	200	44.5	35.7	8.4	2	1	17	22	26	22	7	3	0	0	0	0	
14:00	144	43.2	34.2	8.1	0	0	19	23	34	24	5	1	1	0	0	0	
15:00	127	44.5	37.0	7.2	0	0	16	40	28	24	24	5	0	0	0	0	
16:00	95	45.5	36.2	8.2	0	0	31	38	24	15	0	0	0	0	0	0	
17:00	567	48.2	38.4	8.4	0	0	35	28	22	49	29	9	2	0	0	0	
18:00	511	45.0	36.0	6.5	0	0	17	38	38	28	13	1	1	2	0	0	
19:00	78	45.4	37.1	8.0	0	1	7	28	15	18	7	0	0	0	0	0	
20:00	41	47.0	36.0	6.5	0	0	12	8	1	8	9	0	0	0	0	0	
21:00	34	42.6	34.3	8.0	0	1	8	8	9	6	1	0	0	0	0	0	
22:00	22	33.5	39.3	13.7	0	0	0	3	3	5	0	2	0	0	3	0	
23:00	14	42.2	36.1	7.8	0	0	0	0	0	0	0	0	0	0	0	0	
Total																	
20h15-21h	199	44.2	35.6	8.3	1	2	1	41	54	43	32	16	9	1	0	0	0
21h45-22h	241	46.0	37.1	7.6	0	0	0	35	63	62	48	19	12	1	0	0	0
22h45-23h	140	45.4	37.2	8.2	0	1	4	28	38	33	15	13	4	0	0	0	0
23h45-00h	1754	45.9	37.2	8.4	4	8	287	409	399	365	178	74	16	12	1	0	0
APM Peak																	
08:00	06:00	06:00	06:00	10:00	10:00	10:00	10:00	10:00	08:00	06:00	06:00	06:00	06:00	06:00	06:00	06:00	06:00
140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140
PM Peak																	
18:00	22:00	22:00	22:00	13:00	12:00	17:00	15:00	06:00	06:00	06:00	06:00	06:00	06:00	06:00	06:00	06:00	12:00
190	313	313	313	137	137	137	137	137	74	74	74	74	74	74	74	74	74



North Wales ATC 18, B5381

Direction: Westbound

29/04/2022																
Hour	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-40	Bin 5 40-45	Bin 6 45-50	Bin 7 50-55	Bin 8 55-60	Bin 9 60-70	Bin 10 70-80	Bin 11 80-90	Bin 12 >90
00:00	2	57.2	42.5	14.1	0	0	0	0	1	0	0	0	0	0	0	0
01:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
02:00	1	-	32.5	-	0	0	0	0	0	0	0	0	0	0	0	0
03:00	1	-	32.5	-	0	0	0	1	0	0	0	0	0	0	0	0
04:00	3	25.0	25.0	0.0	0	0	3	0	0	0	0	0	0	0	0	0
05:00	1	-	32.5	-	0	0	0	1	0	0	0	0	0	0	0	0
06:00	4	43.5	32.5	10.6	0	0	2	1	0	0	0	1	0	0	0	0
07:00	34	45.0	34.4	10.0	0	1	12	5	5	5	3	1	0	0	0	0
08:00	81	46.0	36.8	8.8	1	0	14	21	14	19	4	8	0	0	0	0
09:00	36	43.7	35.3	8.1	0	0	8	12	7	5	2	1	0	0	0	0
10:00	31	41.9	35.7	5.9	0	0	4	10	9	7	1	0	0	0	0	0
11:00	50	41.4	32.8	8.3	0	1	19	10	12	1	7	0	0	0	0	0
12:00	57	44.0	35.0	8.6	0	1	15	15	7	10	8	1	0	0	0	0
13:00	83	43.8	33.4	8.1	0	1	26	27	12	8	6	3	0	0	0	0
14:00	65	42.5	32.9	8.1	1	1	24	14	13	5	8	1	0	0	0	0
15:00	71	40.6	32.2	8.1	0	2	28	17	7	8	11	5	0	0	0	0
16:00	110	42.4	34.2	7.9	0	0	38	20	20	23	8	3	0	0	0	0
17:00	90	42.7	34.4	8.0	0	1	27	26	14	11	5	3	3	0	0	0
18:00	111	41.9	34.8	6.9	0	0	23	35	30	16	5	1	1	0	0	0
19:00	41	41.7	33.0	8.3	0	1	14	10	9	1	6	0	0	0	0	0
20:00	33	42.7	33.3	8.1	0	1	8	13	5	4	1	0	1	0	0	0
21:00	18	38.3	30.6	7.5	0	0	10	4	1	2	1	0	0	0	0	0
22:00	12	36.5	31.5	4.8	0	0	3	8	0	1	0	0	0	0	0	0
23:00	11	35.2	29.8	6.2	0	0	5	3	1	1	0	0	0	0	0	0
Total																
2016-12	81	41.7	33.9	7.6	0	1	23	20	21	8	8	0	0	0	0	0
2014-16	116	41.4	32.6	8.5	1	3	52	30	20	16	13	1	0	0	0	0
12H7-10	819	42.9	34.3	8.3	2	8	288	211	190	121	62	23	5	0	0	0
24H0-24	1946	42.6	34.1	8.3	2	10	284	203	166	130	71	24	6	0	0	0
AM Peak	08:00	00:00	02:00	06:00	08:00	07:00	11:00	08:00	08:00	08:00	11:00	08:00	09:00	00:00	00:00	00:00
PM Peak	18:00	12:00	12:00	14:00	14:00	15:00	16:00	18:00	18:00	16:00	12:00	13:00	17:00	12:00	12:00	12:00
	111	42.0	35.0	9.1	1	2	38	35	35	23	8	3	3	0	0	0

360 TSL Ltd

Direction: Eastbound

Hour Beginning	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-35	Bin 5 35-40	Bin 6 40-45	Bin 7 45-50	Bin 8 50-55	Bin 9 55-60	Bin 10 60-70	Bin 11 70-80	Bin 12 >80	
00:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0	
01:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0	
02:00	2	47.5	47.5	0.0	0	0	0	0	0	0	2	0	0	0	0	0	
03:00	3	46.8	40.8	5.8	0	0	0	0	0	2	0	1	0	0	0	0	
04:00	7	46.5	38.6	7.6	0	0	1	1	1	3	1	0	0	0	0	0	
05:00	23	55.1	46.0	8.8	0	0	1	1	4	4	3	9	0	0	0	0	
06:00	81	49.3	42.9	6.2	0	0	4	24	34	4	13	3	0	0	0	0	
07:00	96	47.7	40.7	6.8	0	0	4	13	29	27	12	11	0	0	0	0	
08:00	64	45.4	39.0	6.2	0	0	4	8	27	16	7	1	1	0	0	0	
09:00	68	44.2	36.8	7.0	0	1	4	22	25	10	4	1	0	0	0	0	
10:00	45	44.2	36.8	7.1	0	0	7	11	11	11	4	1	0	0	0	0	
11:00	66	43.9	37.7	6.0	0	0	3	23	15	18	6	1	0	0	0	0	
12:00	60	47.8	39.6	7.9	1	1	2	8	14	20	13	1	0	0	0	0	
13:00	36	44.7	38.3	6.1	0	0	2	9	10	11	3	1	0	0	0	0	
14:00	51	42.4	36.9	5.4	0	0	1	20	21	5	1	0	0	0	0	0	
15:00	69	45.8	39.0	6.6	0	0	4	16	17	20	9	3	0	0	0	0	
16:00	32	42.4	36.4	6.7	0	1	1	12	11	4	4	0	0	0	0	0	
17:00	42	44.5	36.8	7.5	0	0	0	3	16	9	4	1	0	0	0	0	
18:00	20	43.8	37.3	6.3	0	0	0	2	5	6	5	2	0	0	0	0	
19:00	20	47.6	40.0	7.3	0	0	0	8	2	4	4	2	0	0	0	0	
20:00	5	36.1	30.5	5.4	0	0	2	2	1	0	0	0	0	0	0	0	
21:00	1	-	25.0	-	0	0	0	1	0	0	0	0	0	0	0	0	
22:00	2	38.7	35.0	3.5	0	0	0	1	1	0	0	0	0	0	0	0	
Total																	
2016-12	113	44.0	36.8	7.0	0	1	11	33	36	21	8	2	0	1	0	0	
2014-16	87	43.4	37.5	6.7	0	0	3	29	31	14	8	2	0	0	0	0	
12H7-10	711	45.9	38.8	6.9	1	3	41	148	220	182	75	35	4	1	0	0	
24H0-24	795	46.3	39.0	7.1	1	3	48	167	238	198	88	46	4	2	0	0	
AM Peak	08:00	06:00	03:00	06:00	00:00	10:00	11:00	10:00	08:00	07:00	08:00	07:00	07:00	06:00	00:00	00:00	
PM Peak	16:00	13:00	20:00	12:00	13:00	13:00	18:00	12:00	15:00	13:00	13:00	16:00	12:00	12:00	12:00	12:00	
	89	47.8	40.0	7.8	1	1	9	25	21	29	13	4	0	0	0	0	

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-35	Bin 5 35-40	Bin 6 40-45	Bin 7 45-50	Bin 8 50-55	Bin 9 55-60	Bin 10 60-70	Bin 11 70-80	Bin 12 >80
00:00	2	57.2	42.5	14.1	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
02:00	2	56.0	45.0	10.6	0	0	0	0	0	1	0	0	0	0	0	0
03:00	3	51.5	42.5	8.7	0	0	0	1	0	0	2	0	0	0	0	0
04:00	6	42.7	32.9	8.4	0	0	3	0	0	2	0	1	0	0	0	0
05:00	8	45.5	37.8	7.4	0	0	1	2	1	3	1	0	0	0	0	0
06:00	27	54.5	44.0	9.1	0	0	3	2	4	4	9	3	1	0	0	0
07:00	115	46.2	40.5	8.4	0	1	12	8	29	38	7	16	3	0	0	0
08:00	277	47.2	38.9	8.0	1	0	18	34	43	46	16	19	0	0	0	0
09:00	327	46.0	37.7	7.2	0	0	12	20	30	34	12	10	0	0	0	0
10:00	99	43.3	36.4	6.7	0	1	8	32	34	17	5	0	0	0	0	0
11:00	333	42.9	34.7	7.4	0	1	26	21	23	12	11	1	0	0	0	0
12:00	345	44.3	36.5	8.0	0	1	18	32	22	28	14	2	0	0	0	0
13:00	345	44.9	36.0	8.5	1	2	28	35	26	28	14	2	0	0	0	0
14:00	349	45.8	36.9	8.5	1	2	34	36	26	26	11	2	0	0	0	0
15:00	322	41.9	34.2	7.4	0	2	29	37	37	29	14	10	1	0	0	0
16:00	340	42.9	36.0	7.8	0	2	36	37	39	43	17	10	0	0	0	0
17:00	323	43.7	34.9	8.4	0	2	28	38	25	15	9	3	3	0	0	0
18:00	333	42.7	34.9	7.1	0	0	32	38	46	25	9	2	1	0	0	0
19:00	346	42.6	34.4	7.8	0	1	16	15	11	16	11	2	0	0	0	0
20:00	33	44.6	35.8	8.4	0	0	8	21	7	8	5	2	0	0	0	0
21:00	337	43.7	35.5	6.9	0	0	12	32	32	12	0	0	0	0	0	0
22:00	13	36.1	31.0	5.0	0	0	4	8	0	0	0	0	0	0	0	0
23:00	13	36.8	30.6	6.1	0	0	6	4	2	1	0	0	0	0	0	0
Total	354	43.2	35.6	7.4	0	2	34	53	57	29	16	2	0	0	0	0
2PM-10PM	223	42.7	34.5	7.9	1	3	55	59	51	30	23	3	0	0	0	0
10PM-6AM	129	43.4	36.4	8.0	3	1	11	27	38	30	13	15	7	0	0	0
Avg	1741	44.7	36.3	8.1	0	3	132	420	404	328	157	70	10	2	0	0
AM Peak	08:00	05:00	02:00	00:01	08:00	07:00	11:00	08:00	08:00	08:00	08:00	07:00	06:00	05:00	00:00	00:00
	277	57.2	45.0	14.1	1	1	26	34	43	46	16	19	3	1	0	0
PM Peak	16:00	13:00	12:00	13:00	13:00	13:00	12:00	18:00	18:00	18:00	16:00	13:00	17:00	12:00	12:00	12:00



## North Wales ATC 18, B5381

Direction: Westbound

Hour	Total	Value	P50	Mean	Standard	01/20/2020												30/01/2020	
						01-01	02-01	03-01	04-01	05-01	06-01	07-01	08-01	09-01	10-01	11-01	12-01	01-02	02-02
00:00	8	40.2	0.3	9.6	0	0	0	1	2	0	0	0	1	0	0	0	0	0	0
00:05	1	34.2	28.8	5.3	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
00:10	0				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
00:15	0	37.5	37.5	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
00:20	1	34.0	25.7	8.3	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0
00:25	14	43.3	36.3	6.8	0	0	1	0	1	11	0	1	0	0	0	0	0	0	0
00:30	33	35.0	33.5	0.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
00:35	0	44.5	35.2	9.3	2	2	12	13	11	8	5	3	0	0	0	0	0	0	0
00:40	61	44.1	36.4	8.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
00:45	100	47.4	37.8	9.3	0	0	18	25	19	18	7	11	2	1	0	0	0	0	0
00:50	74	42.9	33.3	8.2	1	2	20	28	30	8	1	5	0	0	0	0	0	0	0
00:55	84	43.7	34.6	9.1	1	1	21	29	31	13	1	9	0	0	0	0	0	0	0
01:00	68	40.7	32.3	8.1	1	2	21	25	15	6	1	0	0	0	0	0	0	0	0
01:05	80	44.0	36.4	7.6	0	0	23	29	30	12	1	0	0	0	0	0	0	0	0
01:10	82	44.8	35.2	9.3	1	0	23	29	12	11	11	3	0	0	0	0	0	0	0
01:15	100	45.0	35.8	9.2	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
01:20	34	42.7	33.5	8.8	0	1	9	13	5	2	2	1	1	0	0	0	0	0	0
01:25	33	42.9	37.2	5.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:30	13	36.4	30.0	6.2	0	0	0	7	3	2	1	0	0	0	0	0	0	0	0
01:35	19	35.7	30.5	5.9	0	0	7	3	0	1	1	0	0	0	0	0	0	0	0
01:40	27	44.1	36.3	7.4	0	0	4	11	0	0	0	0	0	0	0	0	0	0	0
01:45	27	33.4	29.3	4.0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Total																			
PM Peak	15:00	11:00	01:00	00:00	00:00	00:00	00:00	11:00	11:00	11:00	11:00	11:00	11:00	11:00	11:00	11:00	00:00	00:00	00:00
PM Peak	302	47.4	47.5	9.4	0	1	2	19	25	22	18	7	11	2	1	0	0	0	0
PM Peak	15:00	19:00	01																
PM Peak	15:00	19:00	01																
PM Peak	15:00	19:00	01																
PM Peak	15:00	19:00	01																
PM Peak	15:00	19:00	01																
PM Peak	15:00	19:00	01																
PM Peak	15:00	19:00	01																
PM Peak	15:00	19:00	01																
PM Peak	15:00	19:00	01																
PM Peak	15:00	19:00	01																
PM Peak	15:00	19:00	01																
PM Peak	15:00	19:00	01																
PM Peak	15:00	19:00	01																
PM Peak	15:00	19:00	01																
PM Peak	15:00	19:00	01																
PM Peak	15:00	19:00	01																
PM Peak	15:00	19:00	01																
PM Peak	15:00	19:00	01																
PM Peak	15:00	19:00	01																
PM Peak	15:00	19:00	01																
PM Peak	15:00	19:00	01																
PM Peak	15:00	19:00	01																
PM Peak	15:00	19:00	01																
PM Peak	15:00	19:00	01																
PM Peak	15:00	19:00	01																
PM Peak	15:00	19:00	01																
PM Peak	15:00	19:00	01																
PM Peak	15:00	19:00	01																
PM Peak	15:00	19:00	01																
PM Peak	15:00	19:00	01																

360 TSL Ltd

Direction: Eastbound

New Beginning	Total Enrollment	Enroll-ment Increase	Enroll-ment Decrease	Standard Deviation	Enroll-ment 1st-10th	Enroll-ment 11th-20th	Enroll-ment 21st-30th	Enroll-ment 31st-40th	Enroll-ment 41st-50th	Enroll-ment 51st-60th	Enroll-ment 61st-70th	Enroll-ment 71st-80th	Enroll-ment 81st-90th
0100	5	0.55	33.8	2.4	0	0	0	0	0	0	0	0	0
0100	2	48.7	45.0	3.5	0	0	0	0	0	1	1	0	0
0400	1	0.00	0.00	0.00	0	0	0	0	0	0	0	0	0
0400	2	32.5	32.5	0.0	0	0	0	2	0	0	0	0	0
0400	1	0.00	0.00	0.00	0	1	1	0	0	0	0	0	0
0400	1	44.3	33.5	15.3	0	0	0	0	0	0	0	0	0
0400	13	47.2	38.7	12.7	0	0	0	7	1	0	2	0	0
0400	1	45.5	36.5	16.7	0	0	0	0	0	0	0	0	0
0400	14	45.8	39.8	5.9	0	0	1	6	10	11	5	1	0
0400	15	45.9	39.7	10.7	0	0	0	0	0	0	0	0	0
0400	51	43.1	36.8	6.1	0	0	1	12	16	14	3	0	0
1100	74	44.9	37.7	6.9	0	0	8	20	34	24	5	1	0
1200	42	44.2	37.7	6.6	0	0	7	11	20	12	2	0	0
1200	42	44.2	37.4	6.6	0	0	6	6	13	15	1	0	0
1400	63	46.3	36.8	7.3	0	0	0	0	0	0	0	0	0
1500	67	45.1	38.0	6.9	0	2	1	17	24	12	10	1	0
1500	17	45.9	39.4	11.1	0	0	0	0	0	0	0	0	0
1700	58	44.4	37.7	6.5	0	0	2	20	22	6	3	5	0
1800	56	45.0	37.9	6.8	0	0	2	22	35	7	2	1	0
1900	45	46.3	40.1	6.2	0	0	1	6	16	7	10	0	0
2000	16	45.3	36.8	6.5	0	0	0	4	4	3	0	0	0
2100	12	41.9	33.5	8.1	0	0	0	0	0	0	0	0	0
2200	2	44.8	37.5	7.1	0	0	0	0	0	0	0	0	0
2300	1	63.5	50.0	13.0	0	0	0	0	0	0	0	0	0
Total													
DHS-12 Data													
1200	125	44.2	37.3	6.6	0	0	0	14	32	30	38	8	0
1300	114	45.6	38.3	7.0	0	0	2	4	27	40	24	13	3
1400	120	45.1	38.1	6.8	0	0	2	0	11	20	21	7	0
PAHS-24	723	45.3	38.1	7.0	0	0	3	56	177	239	166	72	22
PAHS-10 Data													
PAHS-10	15	01.00	01.00	00.00	00.00	05.00	11.00	00.00	14.00	00.00	11.00	00.00	00.00
PAHS-10	74	48.7	45.0	12.3	0	0	1	8	20	24	24	6	0
PAHS-15 Data													
PAHS-15	15	00.00	23.00	23.00	00.00	12.00	15.00	12.00	18.00	15.00	13.00	15.00	12.00
PAHS-15	74	48.7	45.0	12.3	0	0	1	8	20	24	24	6	0

360 TSL Ltd

Direction: Total Flow

[illegible]

360 TSL Ltd



North Wales ATC 18, B5381

01/05/2022																			
Hour Beginning	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-40	Bin 5 40-50	Bin 6 50-60	Bin 7 60-70	Bin 8 70-80	Bin 9 80-90	Bin 10 90-100	Bin 11 100-110	Bin 12 >110			
00:00	4	34.5	30.6	5.8	0	0	1	2	0	0	0	0	0	0	0	0			
01:00	2	34.2	28.8	5.3	0	0	1	1	0	0	0	0	0	0	0	0			
02:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0			
03:00	1	-	57.5	-	0	0	0	0	0	0	0	0	0	1	0	0			
04:00	2	32.5	32.5	0.0	0	0	0	2	0	0	0	0	0	0	0	0			
05:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0			
06:00	3	32.0	27.5	4.3	0	0	2	1	0	0	0	0	0	0	0	0			
07:00	10	37.3	31.1	4.0	0	0	7	13	0	0	1	1	0	0	0	0			
08:00	12	49.2	40.0	8.9	0	0	0	6	1	1	1	3	0	0	0	0			
09:00	36	46.5	36.0	10.2	1	0	4	9	3	4	4	3	0	0	0	0			
10:00	48	49.6	36.5	12.7	0	7	8	4	5	10	7	6	1	0	0	0			
11:00	60	43.6	33.6	9.7	1	0	21	20	3	4	6	5	0	0	0	0			
12:00	62	40.1	33.2	8.7	1	0	11	31	12	4	2	1	0	0	0	0			
13:00	50	39.5	31.5	7.7	0	0	26	9	2	12	1	0	0	0	0	0			
14:00	46	46.6	33.7	12.4	1	1	18	11	4	4	1	3	0	0	0	0			
15:00	51	53.2	40.2	12.5	0	0	10	7	8	15	5	1	1	1	3	0			
16:00	51	45.4	36.0	9.1	0	0	14	18	14	3	7	0	0	0	0	0			
17:00	42	44.1	35.7	8.2	0	0	7	22	0	4	7	2	0	0	0	0			
18:00	19	38.0	30.7	7.1	0	0	10	4	3	1	1	0	0	0	0	0			
19:00	25	41.7	34.6	6.8	0	0	5	8	9	1	1	1	0	0	0	0			
20:00	24	41.9	32.7	8.8	0	0	12	2	4	4	1	1	0	0	0	0			
21:00	6	37.5	31.7	5.6	0	0	2	2	2	0	0	0	0	0	0	0			
22:00	8	41.2	36.9	4.2	0	0	0	3	3	2	0	0	0	0	0	0			
23:00	5	41.9	32.0	9.6	0	0	3	0	0	2	0	0	0	0	0	0			
Total	108	46.4	34.9	11.2	1	7	29	24	8	14	13	11	1	0	0	0			
2H(14-16)	97	50.4	37.1	12.8	1	1	28	18	12	19	6	4	1	4	3	0			
12H(7-19)	497	46.2	34.8	10.0	4	8	186	152	55	62	43	27	2	5	3	0			
24H(0-24)	577	46.7	34.7	9.7	4	8	302	174	73	71	45	29	3	5	3	0			
AM Peak	11:00	10:00	03:00	10:00	09:00	10:00	11:00	11:00	10:00	10:00	10:00	03:00	00:00	00:00	00:00	00:00			
	60	48.4	57.5	12.7	1	7	21	20	5	10	7	6	1	0	0	0			
PM Peak	12:00	15:00	15:00	15:00	12:00	14:00	13:00	12:00	16:00	15:00	16:00	16:00	15:00	14:00	15:00	12:00			
	62	53.2	45.2	12.5	1	1	28	31	14	15	7	4	1	3	3	0			

360 TSL Ltd

Direction: Eastbound																			
Hour Beginning	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-40	Bin 5 40-50	Bin 6 50-60	Bin 7 60-70	Bin 8 70-80	Bin 9 80-90	Bin 10 90-100	Bin 11 100-110	Bin 12 >110			
00:00	1	-	32.5	-	0	0	0	1	0	0	0	0	0	0	0	0			
01:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0			
02:00	1	-	32.5	-	0	0	0	1	0	0	0	0	0	0	0	0			
03:00	1	-	32.5	-	0	0	0	1	0	0	0	0	0	0	0	0			
04:00	2	49.8	42.5	7.1	0	0	0	0	1	0	1	0	0	0	0	0			
05:00	4	38.8	36.3	2.5	0	0	0	1	3	0	0	0	0	0	0	0			
06:00	3	37.5	37.5	0.0	0	0	0	0	3	0	0	0	0	0	0	0			
07:00	17	46.0	41.6	5.1	0	0	0	1	6	6	3	1	0	0	0	0			
08:00	15	42.0	38.5	3.4	0	0	0	2	8	0	5	0	0	0	0	0			
09:00	57	45.0	37.7	7.0	0	0	0	3	19	21	6	1	7	0	0	0			
10:00	79	46.0	38.7	7.1	0	0	10	7	26	26	5	5	0	0	0	0			
11:00	82	45.7	38.0	7.4	0	1	4	23	28	12	11	1	1	1	0	0			
12:00	86	44.0	37.4	6.4	0	0	9	18	31	18	9	1	0	0	0	0			
13:00	55	53.9	41.3	12.2	0	3	11	11	17	16	2	1	0	1	3	1			
14:00	68	45.5	38.8	6.5	0	0	4	13	25	14	10	1	1	0	0	0			
15:00	61	44.5	37.9	6.4	0	0	5	28	27	17	11	3	0	0	0	0			
16:00	58	48.1	41.3	6.5	0	0	1	10	13	16	14	3	1	0	0	0			
17:00	68	50.2	42.1	7.8	0	0	4	4	21	16	13	5	0	0	0	0			
18:00	39	50.1	40.6	8.2	0	0	3	8	10	8	7	4	4	0	0	0			
19:00	34	47.3	39.7	7.4	0	0	4	4	6	12	7	1	0	0	0	0			
20:00	15	47.1	37.8	8.0	0	0	0	9	3	1	0	2	0	0	0	0			
21:00	23	48.8	42.2	6.4	0	0	1	1	6	7	6	2	0	0	0	0			
22:00	5	41.2	37.5	5.5	0	0	0	1	3	0	1	0	0	0	0	0			
23:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0			
Total	161	45.9	38.4	7.2	0	1	14	30	54	38	16	6	1	1	0	0			
2H(14-16)	159	45.0	38.3	6.4	0	0	9	41	52	31	21	4	1	0	0	0			
12H(7-19)	715	47.1	39.2	7.6	0	1	46	144	233	160	81	32	12	2	3	1			
24H(0-24)	804	47.1	39.2	7.5	0	1	51	163	258	180	96	36	14	2	3	1			
AM Peak	11:00	04:00	04:00	11:00	00:00	11:00	10:00	11:00	11:00	10:00	11:00	09:00	11:00	11:00	00:00	00:00			
	82	49.4	42.5	7.4	0	1	10	29	28	24	13	7	1	1	0	0			
PM Peak	15:00	12:00	21:00	12:00	12:00	13:00	12:00	15:00	12:00	12:00	16:00	17:00	17:00	12:00	13:00	15:00			
	91	53.9	42.2	12.2	0	0	9	28	31	18	14	6	6	1	3	1			

360 TSL Ltd

Direction: Total Flow																	
Hour	Total Volume	ESD	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-40	Bin 5 40-50	Bin 6 50-60	Bin 7 60-70	Bin 8 70-80	Bin 9 80-90	Bin 10 90-100	Bin 11 100-110	Bin 12 >110	
00:00	5	34.5	31.0	3.4	0	0	1	4	0	0	0	0	0	0	0	0	
01:00	2	34.2	28.8	5.3	0	0	1	1	0	0	0	0	0	0	0	0	
02:00	1	-	32.5	-	0	0	0	1	0	0	0	0	0	0	0	0	
03:00	2	63.3	45.0	17.7	0	0	0	1	0	0	0	0	0	1	0	0	
04:00	4	44.8	37.5	7.1	0	0	0	2	1	0	0	0	0	0	0	0	
05:00	4	38.8	36.3	2.5	0	0	0	1	3	0	0	0	0	0	0	0	
06:00	8	38.8	32.5	5.1	0	0	2	1	3	0	0	0	0	0	0	0	
07:00	37	43.9	35.9	7.6	0	0	7	12	6	7	4	1	0				
08:00	27	45.8	37.2	6.4	0	0	7	12	6	6	1	1	0				
09:00	10	45.8	37.2	6.4	0	1	7	28	24	5	5	1	0				
10:00	127	47.8	37.9	9.6	0	7	18	11	31	36	12	9	1				
11:00	151	48.1	38.1	8.7	1	25	40	1	35	40	15	11	1				
12:00	148	42.7	35.6	6.8	1	0	20	49	43	22	11	5	1				
13:00	148	42.7	35.6	6.8	0	0	29	39	30	15	10	5	1				
14:00	114	46.7	36.8	9.6	1	1	22	24	29	18	11	4	1	1	3	0	
15:00	142	48.2	38.8	8.1	0	0	15	35	35	32	16	4	1	1	1	3	0
16:00	146	47.2	37.9	8.8	0	15	28	27	19	22	12	7	1	1	1	0	
17:00	130	48.5	39.7	8.5	0	11	26	21	20	20	12	4	0	0	0	0	
18:00	104	47.4	37.6	9.7	0	13	22	13	9	9	7	5	0	0	0	0	
19:00	59	45.3	37.5	7.5	0	9	12	15	13	8	2	0	0	0	0	0	
20:00	30	30	30	0.7	0	12	12	3	4	2	0	0	0	0	0	0	
21:00	29	47.8	40.0	7.5	0	0	3	3	8	7	6	2	0	0	0	0	
22:00	13	41.1	37.1	3.8	0	0	0	4	6	3	0	0	0	0	0	0	
23:00	5	43.9	32.0	5.6	0	2	1	2	2	2	0	0	0	0	0	0	
Total																	
2016-10-12	209	46.5	37.0	9.2	1	8	43	54	62	52	29	17	2	1	0	0	
2016-10-13	246	47.2	37.9	8.4	4	9	37	37	64	50	27	8	2	4	0	0	
1700-1800	1212	46.7	37.4	8.0	4	9	182	296	282	124	59	14	7	0	0	0	
2016-10-24	1381	46.5	37.3	8.8	4	9	213	337	331	251	145	64	17	7	6	1	
Avg Peak	110	63.00	63.00	0.00	0	10	110	110	110	110	110	63.00	63.00	110.00	63.00	63.00	
1401	141	141	141	13.7	0	0	0	0	0	0	0	0	0	0	0	0	
PM Peak	120	17.00	71.00	11.00	12.00	14.00	13.00	13.00	13.00	15.00	56.00	17.00	14.00	13.00	13.00	11.00	
1401	148	46.5	45.0	11.4	1	1	29	49	43	32	21	7	5	3	1	0	



North Wales ATC 18, B5381

Direction: Westbound

02/05/2022																
Hour Beginning	Total Volume	ESD Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-40	Bin 5 40-50	Bin 6 50-60	Bin 7 60-70	Bin 8 70-80	Bin 9 80-90	Bin 10 90-99	Bin 11 100-119	Bin 12 >120
00:00	2	32.5	32.5	0.0	0	0	0	0	2	0	0	0	0	0	0	0
01:00	1	-	25.0	-	0	0	1	0	0	0	0	0	0	0	0	0
02:00	1	-	32.5	-	0	0	0	1	0	0	0	0	0	0	0	0
03:00	1	-	57.5	-	0	0	0	0	0	0	0	0	1	0	0	0
04:00	1	-	32.5	-	0	0	0	1	0	0	0	0	0	0	0	0
05:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
06:00	3	25.0	25.0	0.0	0	0	1	0	0	0	0	0	0	0	0	0
07:00	19	16.2	29.1	4.9	0	0	10	8	0	0	1	0	0	0	0	0
08:00	18	45.8	37.5	8.0	0	0	0	12	1	1	1	3	0	0	0	0
09:00	25	46.3	35.4	10.5	1	0	5	9	1	1	1	0	0	0	0	0
10:00	43	46.3	33.3	12.6	0	8	11	1	9	4	6	4	0	0	0	0
11:00	90	43.8	33.8	9.6	1	0	32	27	9	4	8	9	0	0	0	0
12:00	70	38.3	31.7	6.4	1	0	23	23	19	3	1	0	0	0	0	0
13:00	63	37.2	30.7	6.3	0	0	31	14	12	6	0	0	0	0	0	0
14:00	53	49.6	36.8	12.4	1	1	9	20	6	7	1	3	0	0	0	0
15:00	46	47.5	37.5	9.6	0	0	11	8	7	11	6	1	1	1	0	0
16:00	86	45.9	36.3	9.3	0	0	21	22	22	3	4	14	0	0	0	0
17:00	47	42.2	34.7	7.3	0	0	7	29	0	3	7	1	0	0	0	0
18:00	29	39.3	31.6	7.4	0	0	14	6	2	7	0	0	0	0	0	0
19:00	34	42.3	34.9	7.1	0	0	5	15	10	1	1	1	1	0	0	0
20:00	25	36.5	29.5	6.7	0	0	17	2	4	3	0	0	0	0	0	0
21:00	12	57.9	34.0	3.8	0	0	1	6	5	0	0	0	0	0	0	0
22:00	18	40.9	36.9	3.8	0	0	0	6	8	4	0	0	0	0	0	0
23:00	10	32.5	25.8	5.5	0	0	9	0	0	1	0	0	0	0	0	0
Total																
201614-12	133	44.7	33.7	10.6	1	8	43	28	18	8	14	13	0	0	0	0
201614-16	99	48.7	37.1	11.1	1	1	20	28	13	18	7	4	1	6	0	0
12047-10	188	43.8	34.1	9.3	4	9	174	179	88	52	40	36	1	6	0	0
24040-24	68	43.1	33.9	9.0	4	9	200	212	115	61	41	37	3	6	0	0
AM Peak																
11:00	09:00	03:00	10:00		09:00	10:00	11:00	11:00	10:00	10:00	11:00	11:00	03:00	00:00	00:00	00:00
90	46.3	57.5	12.6		1	8	32	27	9	4	8	9	1	0	0	0
PM Peak																
16:00	14:00	15:00	14:00		12:00	14:00	13:00	17:00	16:00	15:00	17:00	16:00	15:00	14:00	12:00	12:00
86	49.6	37.5	12.4		1	1	31	29	22	11	7	14	1	3	0	0

360 TSL Ltd

Direction: Eastbound

02/05/2022																
Hour Beginning	Total Volume	ESD Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-40	Bin 5 40-50	Bin 6 50-60	Bin 7 60-70	Bin 8 70-80	Bin 9 80-90	Bin 10 90-99	Bin 11 100-119	Bin 12 >120
00:00	3	32.5	32.5	0.0	0	0	0	3	0	0	0	0	0	0	0	0
01:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
04:00	2	49.8	42.5	7.1	0	0	0	0	1	0	1	0	0	0	0	0
05:00	8	44.8	38.8	5.8	0	0	7	1	6	0	0	0	0	0	0	0
06:00	12	42.9	32.7	9.9	0	0	7	0	1	7	2	0	0	0	0	0
07:00	16	42.6	39.4	8.1	0	0	0	1	8	7	0	0	0	0	0	0
08:00	17	40.7	37.8	2.8	0	0	2	12	3	0	0	0	0	0	0	0
09:00	75	46.4	38.0	8.3	0	0	9	21	17	16	1	11	0	0	0	0
10:00	71	45.8	37.7	7.7	0	0	12	7	24	21	4	13	0	0	0	0
11:00	74	44.3	38.3	5.8	0	1	1	13	37	15	5	1	1	0	0	0
12:00	76	42.9	36.3	6.4	0	0	11	16	32	9	8	0	0	0	0	0
13:00	58	51.7	40.6	10.8	0	3	8	27	13	1	7	0	0	4	0	0
14:00	66	44.9	38.3	6.4	0	0	7	5	33	10	10	1	0	0	0	0
15:00	68	43.1	37.2	6.7	0	0	5	26	33	17	5	2	0	0	0	0
16:00	63	48.2	42.4	5.6	0	0	1	5	11	29	11	6	0	0	0	0
17:00	75	46.4	38.0	7.6	0	0	2	37	10	13	2	0	0	0	0	0
18:00	46	48.8	39.5	8.8	0	0	2	13	17	4	1	2	6	0	0	0
19:00	39	44.5	39.7	4.6	0	0	1	4	13	18	3	0	0	0	0	0
20:00	23	43.1	37.5	5.4	0	0	0	6	15	0	1	0	1	0	0	0
21:00	7	44.9	37.9	6.8	0	0	1	1	1	4	0	0	0	0	0	0
22:00	9	36.8	34.2	2.5	0	0	0	6	3	0	0	0	0	0	0	0
23:00	2	38.7	35.0	3.5	0	0	0	1	1	0	0	0	0	0	0	0
Total																
201610-12	145	45.1	38.0	6.8	0	1	13	20	61	36	9	3	1	1	0	0
201614-16	154	43.9	37.7	6.0	0	0	12	31	66	27	15	3	0	0	0	0
12047-10	724	46.3	38.7	7.3	0	1	57	119	288	154	59	29	12	1	4	0
24040-24	829	46.0	38.6	7.2	0	1	66	141	329	178	66	30	13	1	4	0
AM Peak																
09:00	04:00	04:00	06:00		00:00	11:00	10:00	09:00	11:00	10:00	11:00	09:00	11:00	10:00	00:00	00:00
75	49.8	42.5	9.9		0	1	12	21	37	21	9	11	1	1	0	0
PM Peak																
15:00	13:00	16:00	12:00		12:00	13:00	13:00	15:00	17:00	16:00	17:00	16:00	18:00	12:00	13:00	12:00
88	51.7	42.4	10.8		0	0	11	26	37	29	13	6	6	0	4	0

360 TSL Ltd

Direction: Total Flow

02/05/2022																
Hour Beginning	Total Volume	ESD Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-40	Bin 5 40-50	Bin 6 50-60	Bin 7 60-70	Bin 8 70-80	Bin 9 80-90	Bin 10 90-99	Bin 11 100-119	Bin 12 >120
00:00	5	32.5	32.5	0.0	0	0	0	5	0	0	0	0	0	0	0	0
01:00	1	-	25.0	-	0	0	1	0	0	0	0	0	0	0	0	0
02:00	1	-	32.5	-	0	0	0	1	0	0	0	0	0	0	0	0
03:00	1	-	57.5	-	0	0	0	0	0	0	0	0	1	0	0	0
04:00	3	47.1	39.2	7.6	0	0	0	1	1	0	1	0	0	0	0	0
05:00	8	44.8	38.8	5.8	0	0	0	1	6	0	0	1	0	0	0	0
06:00	15	40.9	31.2	9.3	0	0	10	9	1	2	2	0	0	0	0	0
07:00	35	40.7	33.8	6.7	0	0	10	8	8	0	0	0	0	0	0	0
08:00	35	43.9	37.6	6.0	0	0	0	14	13	4	1	3	0	0	0	0
09:00	200	46.5	37.4	8.8	1	0	14	30	18	8	7	12	0	0	0	0
10:00	114	46.4	36.1	10.0	0	8	23	8	33	25	10	6	0	1	0	0
11:00	164	44.2	35.9	8.4	1	1	39	40	46	19	13	10	0	0	0	0
12:00	146	42.1	34.1	6.8	1	0	34	39	51	12	9	0	0	0	0	0
13:00	115	45.9	34.4	10.0	0	0	34	22	39	19	1	2	0	0	0	0
14:00	119	47.5	37.6	9.5	1	1	16	25	39	17	11	4	0	0	0	0
15:00	134	44.8	37.3	7.2	0	0	10	34	40	28	11	3	1	1	0	0
16:00	149	47.6	38.8	8.5	0	0	22	37	37	15	20	0	0	0	0	0
17:00	122	46.5	38.3	8.0	0	0	13	31	37	13	20	3	5	0	0	0
18:00	100	46.4	37.6	8.4	0	0	16	19	36	19	11	2	6	0	0	0
19:00	73	44.1	37.5	6.4	0	0	6	19	23	19	4	1	1	0	0	0
20:00	49	40.9	33.3	7.3	0	0	17	8	19	3	1	0	1	0	0	0
21:00	21	40.8	34.6	5.3	0	0	2	7	4	0	0	0	0	0	0	0
22:00	27	39.9	36.0	3.6	0	0	0	12	11	4	0	0	0	0	0	0
23:00	12	36.4	28.1	6.0	0	0	0	9	1	0	0	0	0	0	0	0
Total																
278	45.4	35.9	9.1	1	9	56	48	79	44	23	16	1	1	0	0	0
278	46.1	37.5	8.4	1	1	32	59	79	45	22	7	1	1	0	0	0
278	46.1	36.6	8.6	0	0	10	71	78	37	26	10	0	0	0	0	0
278	45.1	36.4	8.4	4	10	276	378	464	239	107	67	16	7	4	0	0
Ave																
11:00	61.0	44.0	63.0	6.0	10.0	10.0	10.0	11.0	11.0	11.0	11.0	63.0	63.0	63.0	63.0	63.0
12:00	56.0	45.0	55.0	7.0	12.0	14.0	12.0	12.0	12.0	12.0	66.0	17.0	66.0	18.0	14.0	13.0
13:00	50.0	47.0	58.0	8.0	12.0	14.0	12.0	12.0	12.0	12.0	66.0	17.0	66.0	18.0	13.0	12.0



North Wales ATC 18, B5381

Direction: Westbound

09/05/2022																
Hour Beginning	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-40	Bin 5 40-45	Bin 6 45-50	Bin 7 50-55	Bin 8 55-60	Bin 9 60-70	Bin 10 70-80	Bin 11 80-90	Bin 12 >90
00:00	2	37.5	37.5	0.0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	3	42.5	42.5	0.0	0	0	0	0	0	3	0	0	0	0	0	0
02:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
03:00	1	-	42.5	-	0	0	0	0	0	1	0	0	0	0	0	0
04:00	2	32.5	32.5	0.0	0	0	0	2	0	0	0	0	0	0	0	0
05:00	9	43.3	35.6	7.5	0	0	1	4	4	0	0	1	0	0	0	0
06:00	12	37.9	33.5	4.2	0	0	1	8	2	1	0	0	0	0	0	0
07:00	16	42.0	34.6	7.2	0	0	10	7	10	7	2	0	0	0	0	0
08:00	54	43.2	35.3	7.6	1	0	7	19	14	9	2	2	0	0	0	0
09:00	70	49.2	38.5	10.3	0	0	11	14	15	22	4	4	0	0	0	0
10:00	42	39.7	32.1	7.3	0	0	18	8	11	3	1	1	0	0	0	0
11:00	52	41.2	33.0	7.9	0	1	18	11	12	7	2	1	0	0	0	0
12:00	70	42.6	34.6	7.7	0	0	21	15	14	13	7	0	0	0	0	0
13:00	47	40.1	32.8	7.0	0	0	18	8	13	7	1	0	0	0	0	0
14:00	57	42.6	32.1	8.1	1	1	22	18	2	5	7	1	0	0	0	0
15:00	67	44.7	35.6	8.7	0	0	15	22	14	4	9	1	1	1	0	0
16:00	74	45.5	36.2	9.0	1	0	13	27	5	17	6	3	0	0	0	0
17:00	127	46.7	36.9	9.4	0	1	27	31	18	31	5	12	1	0	1	0
18:00	59	44.4	36.7	7.4	0	0	8	19	13	12	3	4	0	0	0	0
19:00	35	43.7	31.6	11.7	5	0	6	8	5	3	0	0	0	0	0	0
20:00	17	43.9	35.1	8.4	0	0	4	4	7	0	1	0	1	0	0	0
21:00	16	42.7	36.2	7.3	0	0	2	13	5	4	0	1	1	0	0	0
22:00	8	42.7	32.5	9.8	0	0	4	2	0	0	2	0	0	0	0	0
23:00	3	45.6	28.3	11.8	0	1	0	1	1	0	0	0	0	0	0	0
Total																
2H(18-12)	94	40.5	32.6	7.6	0	1	16	19	23	10	3	2	0	0	0	0
2H(14-10)	124	43.4	34.0	9.1	1	1	37	40	16	9	16	3	1	1	0	0
12H(7-19)	705	44.3	35.3	8.7	3	3	188	199	141	137	49	25	4	3	3	0
24H(0-24)	873	44.2	35.1	8.7	8	4	205	241	169	151	55	27	6	3	3	0
AM Peak																
09:00	09:00	09:00	09:00	09:00	08:00	11:00	10:00	08:00	09:00	09:00	09:00	08:00	09:00	09:00	09:00	09:00
70	49.2	42.5	10.3	1	1	18	19	15	22	4	2	0	2	2	0	0
PM Peak																
17:00	17:00	17:00	23:00	19:00	14:00	17:00	17:00	17:00	17:00	17:00	15:00	17:00	16:00	15:00	17:00	12:00
127	46.7	36.9	11.8	5	1	27	31	18	31	9	12	2	1	1	0	0

360 TSL Ltd

Direction: Eastbound

09/05/2022																
Hour Beginning	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-35	Bin 5 35-40	Bin 6 40-45	Bin 7 45-50	Bin 8 50-55	Bin 9 55-60	Bin 10 60-70	Bin 11 70-80	Bin 12 >80
00:00	1	-	32.5	-	0	0	0	1	0	0	0	0	0	0	0	0
01:00	2	38.7	35.0	1.5	0	0	0	1	1	0	0	0	0	0	0	0
02:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
04:00	3	42.2	39.2	2.9	0	0	0	0	2	1	0	0	0	0	0	0
05:00	12	59.6	45.8	13.3	0	0	0	1	2	4	0	1	0	0	0	0
06:00	24	51.8	43.9	7.7	0	0	0	6	12	4	1	0	0	1	0	0
07:00	91	48.5	41.7	6.5	0	0	2	10	24	30	15	8	2	0	0	0
08:00	131	46.0	39.4	6.4	0	6	22	47	39	23	2	0	1	0	0	0
09:00	58	42.9	36.9	5.8	0	0	5	18	15	17	3	0	0	0	0	0
10:00	73	46.5	40.5	5.8	0	3	3	29	28	5	4	4	1	0	0	0
11:00	72	46.6	38.8	7.5	0	0	9	9	25	11	16	1	1	0	0	0
12:00	38	49.1	40.9	7.9	0	1	0	5	12	9	9	1	0	1	0	0
13:00	70	47.6	38.6	8.7	0	0	10	15	20	19	11	2	4	0	0	0
14:00	58	42.7	36.3	5.3	0	0	3	24	18	9	4	0	0	0	0	0
15:00	62	46.0	41.2	6.5	0	1	7	20	21	7	5	0	0	1	0	0
16:00	56	44.0	36.5	7.3	0	0	9	16	12	13	4	2	0	0	0	0
17:00	91	45.9	38.8	6.6	0	0	4	24	29	19	6	9	0	0	0	0
18:00	41	43.8	39.1	4.5	0	0	1	27	8	3	1	0	0	0	0	0
19:00	26	42.7	36.4	6.0	0	1	0	9	8	8	0	0	0	0	0	0
20:00	11	46.2	6.1	0.0	0	0	0	9	1	0	1	0	0	0	0	0
21:00	12	40.8	35.2	5.4	0	0	1	5	5	0	1	0	0	0	0	0
22:00	6	46.2	40.8	5.3	0	0	0	1	1	0	1	1	0	0	0	0
23:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
Total																
2H(18-12)	145	46.6	39.6	6.7	0	0	12	12	54	39	21	5	2	0	0	0
2H(14-10)	120	45.5	38.8	6.4	0	0	4	31	38	30	11	5	0	1	0	0
12H(7-19)	841	46.3	39.2	6.8	0	1	53	152	278	205	106	35	8	3	0	0
24H(0-24)	958	46.5	39.3	7.0	0	2	55	175	304	239	112	38	6	1	0	0
AM Peak																
08:00	05:00	05:00	05:00	05:00	00:00	00:00	11:00	08:00	08:00	07:00	08:00	07:00	07:00	05:00	06:00	00:00
131	59.6	45.8	13.3	0	0	0	9	22	47	39	23	8	2	3	1	0
PM Peak																
17:00	12:00	15:00	12:00	13:00	13:00	13:00	14:00	17:00	15:00	13:00	17:00	13:00	12:00	12:00	12:00	17:00
91	48.5	42.2	8.7	0	1	10	26	29	21	11	9	4	1	0	0	0

360 TSL Ltd

Direction: Total Flow

Hour	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-35	Bin 5 35-40	Bin 6 40-45	Bin 7 45-50	Bin 8 50-55	Bin 9 55-60	Bin 10 60-70	Bin 11 70-80	Bin 12 >80
00:00	3	38.8	35.5	4.5	0	0	0	1	1	3	0	0	0	0	0	0
01:00	5	44.1	39.5	4.5	0	0	0	1	1	0	0	0	0	0	0	0
02:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
03:00	1	-	42.5	-	0	0	0	0	0	1	0	0	0	0	0	0
04:00	5	40.8	36.5	4.2	0	0	0	2	2	1	0	0	0	0	0	0
05:00	21	54.0	40.4	12.1	0	0	2	5	5	4	0	2	0	3	0	0
06:00	36	49.0	40.4	8.3	0	0	1	8	8	13	4	1	0	0	0	0
07:00	127	47.4	39.7	7.4	0	0	12	17	34	37	17	8	2	0	0	0
08:00	185	45.5	38.2	7.0	1	0	13	41	61	39	25	4	0	1	0	0
09:00	128	46.5	37.8	8.6	0	0	16	32	39	39	7	0	0	2	2	0
10:00	115	45.2	37.4	7.5	0	0	21	11	40	31	6	5	1	0	0	0
11:00	124	44.8	36.4	8.1	0	1	27	20	37	18	18	2	1	0	0	0
12:00	108	45.4	36.8	8.3	0	1	21	20	26	22	16	1	0	1	0	0
13:00	117	45.1	36.3	8.5	0	0	24	28	21	33	17	12	2	4	0	0
14:00	115	42.2	34.2	7.7	1	1	42	42	20	14	11	1	0	0	0	0
15:00	129	46.8	38.3	8.2	0	0	16	29	34	25	16	6	1	2	0	0
16:00	130	44.9	36.3	8.3	1	0	22	43	37	39	10	5	2	0	0	0
17:00	218	46.5	37.7	8.5	0	1	31	55	47	50	11	21	1	0	0	0
18:00	138	45.8	37.3	8.2	0	0	9	29	38	30	18	10	2	0	0	0
19:00	61	44.0	33.6	9.9	5	1	6	17	16	13	3	0	0	0	0	0
20:00	28	49.3	37.1	7.9	0	0	4	7	8	1	1	1	0	0	0	0
21:00	38	47.9	36.9	6.7	0	0	3	18	10	4	1	1	1	0	0	0
22:00	14	45.4	36.1	5.0	0	0	4	3	1	1	0	0	0	0	0	0
23:00	3	45.8	38.1	11.8	0	0	1	0	1	0	0	0	0	0	0	0
Total	239	45.0	36.9	7.9	0	1	48	31	77	49	24	7	2	0	0	0
2PM-3:30	244	44.9	36.4	8.2	1	1	41	71	54	39	27	7	1	2	0	0
3:30-5:00	465	45.7	37.3	8.0	0	4	241	151	419	182	50	12	6	0	0	0
5:00-6:30	181	45.7	37.3	8.1	8	6	261	414	473	509	167	65	14	9	0	0
Average	08:00	05:00	03:00	01:00	00:00	11:00	10:00	09:00	08:00	07:00	06:00	05:00	04:00	03:00	02:00	01:00
PM Peak	17:00	16:00	15:00	14:00	13:00	12:00	11:00	10:00	09:00	08:00	07:00	06:00	05:00	04:00	03:00	02:00
AM Peak	7:00	6:00	5:00	4:00	3:00	2:00	1:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00	0:00



North Wales ATC 18, B5381

Direction: Westbound																	04/05/2022	
Hour	Total Volume	ECM Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-40	Bin 5 40-45	Bin 6 45-50	Bin 7 50-55	Bin 8 55-60	Bin 9 60-70	Bin 10 70-80	Bin 11 80-90	Bin 12 >90		
00:00	1	-	32.5	-	0	0	0	0	1	0	0	0	0	0	0	0		
01:00	2	-	32.5	0.0	0	0	0	2	0	0	0	0	0	0	0	0		
02:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0		
03:00	1	-	37.5	-	0	0	0	0	1	0	0	0	0	0	0	0		
04:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0		
05:00	5	32.3	28.0	4.1	0	0	3	2	0	0	0	0	0	0	0	0		
06:00	7	46.1	37.1	7.7	0	0	1	2	1	2	1	0	0	0	0	0		
07:00	29	40.3	33.3	6.8	0	0	9	9	4	7	0	0	0	0	0	0		
08:00	76	46.1	36.9	8.9	0	0	15	20	18	10	2	10	1	0	0	0		
09:00	66	42.5	33.4	8.7	0	0	26	12	11	4	0	0	0	0	0	0		
10:00	34	40.0	32.2	7.5	0	3	5	15	6	5	0	0	0	0	0	0		
11:00	36	39.1	32.5	6.4	0	0	12	11	9	3	1	0	0	0	0	0		
12:00	51	42.4	32.8	8.2	0	4	13	16	7	3	8	0	0	0	0	0		
13:00	40	41.1	32.1	8.7	0	1	19	3	9	5	2	1	0	0	0	0		
14:00	39	45.0	37.2	7.5	0	0	3	15	11	4	4	0	2	0	0	0		
15:00	71	39.6	32.4	7.0	0	0	26	21	17	2	4	1	0	0	0	0		
16:00	115	48.4	35.9	7.8	0	0	31	25	22	25	10	2	0	0	0	0		
17:00	144	46.7	36.8	8.6	0	1	22	36	19	15	6	8	7	0	0	0		
18:00	57	41.5	31.8	9.3	0	2	25	15	3	6	4	0	2	0	0	0		
19:00	32	38.5	31.3	6.9	0	0	13	13	3	1	1	1	0	0	0	0		
20:00	14	49.9	37.7	11.8	0	0	4	2	3	2	1	1	1	0	0	0		
21:00	16	44.2	35.6	8.3	0	0	6	5	11	1	1	1	0	0	0	0		
22:00	18	38.2	31.7	6.3	0	0	6	9	1	1	1	0	0	0	0	0		
23:00	1	-	25.0	-	0	0	1	0	0	0	0	0	0	0	0	0		
Total																		
2016-18-12																		
70	39.5	32.4	6.9	0	3	17	26	15	8	1	0	0	0	0	0	0		
2016-14-16																		
110	41.8	34.1	7.5	0	0	29	36	28	6	8	1	2	0	0	0	0		
12H07-19																		
728	43.2	34.4	7.8	0	11	206	198	140	93	44	22	13	1	0	0	0		
24H00-24																		
835	43.1	34.2	8.5	0	11	240	214	160	100	49	25	14	2	0	0	0		
AM Peak																		
08:00	08:00	08:00	08:00	08:00	00:00	10:00	09:00	08:00	08:00	08:00	09:00	08:00	08:00	09:00	08:00	08:00		
76	46.1	37.5	8.9	0	3	26	20	18	10	3	10	1	1	0	0	0		
PM Peak																		
16:00	20:00	20:00	20:00	20:00	12:00	12:00	16:00	17:00	16:00	16:00	16:00	17:00	17:00	20:00	12:00	12:00		
115	49.9	37.7	11.8	0	4	31	36	22	25	10	8	7	1	0	0	0		

360 TSL Ltd

Direction: Eastbound																
Hour Beginning	Total Volume	ECM Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-35	Bin 5 35-40	Bin 6 40-45	Bin 7 45-50	Bin 8 50-55	Bin 9 55-60	Bin 10 60-70	Bin 11 70-80	Bin 12 >80
00:00	5	42.3	39.5	2.7	0	0	0	0	3	2	0	0	0	0	0	0
01:00	4	38.0	35.0	2.9	0	0	0	2	0	0	0	0	0	0	0	0
02:00	1	-	37.5	-	0	0	0	0	1	0	0	0	0	0	0	0
03:00	1	-	32.5	-	0	0	0	0	1	0	0	0	0	0	0	0
04:00	2	37.5	37.5	0.0	0	0	0	0	2	0	0	0	0	0	0	0
05:00	10	49.5	41.5	7.7	0	0	0	1	2	3	2	0	0	0	0	0
06:00	31	46.4	40.3	5.9	0	0	1	4	11	11	4	2	0	0	0	0
07:00	91	49.3	42.2	6.8	0	1	13	22	26	13	15	1	0	0	0	0
08:00	110	45.5	38.8	6.9	0	6	31	36	28	16	7	1	0	0	0	0
09:00	58	40.4	34.5	5.7	0	0	8	26	16	6	1	1	0	0	0	0
10:00	52	41.8	36.3	5.3	0	0	2	24	12	11	3	0	0	0	0	0
11:00	45	43.1	37.1	5.8	0	2	18	10	12	2	1	0	0	0	0	0
12:00	49	42.5	35.7	7.5	0	1	8	15	7	14	4	0	0	0	0	0
13:00	71	46.4	37.1	7.0	0	0	10	15	15	5	1	0	0	0	0	0
14:00	36	50.4	43.2	8.9	0	0	3	5	11	3	10	0	4	0	0	0
15:00	76	44.5	37.3	6.9	0	1	7	18	25	14	10	1	0	0	0	0
16:00	63	48.8	42.1	6.5	0	0	1	5	22	15	11	8	1	0	0	0
17:00	58	41.5	36.1	5.3	0	1	1	22	26	4	4	0	0	0	0	0
18:00	24	46.3	36.1	5.8	0	0	0	1	5	1	8	0	0	0	0	0
19:00	26	47.7	39.9	7.6	0	0	0	1	8	4	6	4	3	0	0	0
20:00	7	46.9	39.6	7.0	0	0	0	2	2	1	0	0	0	0	0	0
21:00	3	48.7	40.8	7.6	0	0	0	1	0	1	1	0	0	0	0	0
22:00	5	45.3	37.0	8.0	0	0	0	1	0	1	0	0	0	0	0	0
23:00	4	43.5	31.9	11.3	0	1	0	0	3	0	0	0	0	0	0	0
Total																
2016-18-12	97	42.4	36.7	5.5	0	0	4	42	22	23	5	1	0	0	0	0
2016-14-16	112	45.6	38.5	7.8	0	1	10	23	36	17	20	1	4	0	0	0
12H07-19	742	45.6	38.2	7.2	0	3	58	193	217	141	87	36	7	0	0	0
24H00-24	843	45.7	38.3	7.1	0	4	61	213	251	165	99	42	8	0	0	0
AM Peak																
08:00	05:00	07:00	05:00	05:00	00:00	00:00	09:00	08:00	08:00	07:00	08:00	07:00	05:00	00:00	00:00	00:00
119	49.3	42.2	17	0	0	8	31	39	26	16	16	1	0	0	0	0
PM Peak																
15:00	14:00	16:00	18:00	12:00	12:00	13:00	13:00	17:00	17:00	13:00	16:00	16:00	14:00	12:00	12:00	12:00
76	58.4	42.1	11.3	0	1	10	10	10	10	10	11	8	4	0	0	0

360 TSL Ltd

Direction: Total Flow																	
Hour	Total Volume	ECM Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-35	Bin 5 35-40	Bin 6 40-45	Bin 7 45-50	Bin 8 50-55	Bin 9 55-60	Bin 10 60-70	Bin 11 70-80	Bin 12 >80	
00:00	6	42.2	38.3	3.8	0	0	0	1	3	2	0	0	0	0	0	0	
01:00	1	38.7	37.5	2.6	0	0	0	0	1	0	0	0	0	0	0	0	
02:00	2	38.7	35.0	3.5	0	0	0	0	1	0	0	0	0	0	0	0	
03:00	2	39.5	33.5	3.0	0	0	0	0	2	0	0	0	0	0	0	0	
04:00	15	46.7	37.0	9.3	0	0	3	4	3	2	2	0	1	0	0	0	
05:00	35	35.8	38.8	6.3	0	3	6	6	6	12	13	5	0	0	0	0	
06:00	120	48.1	40.0	7.8	0	0	10	22	26	36	33	15	1	0	0	0	
07:00	150	46.1	41.4	7.4	0	0	21	34	38	31	14	18	17	2	0	0	
08:00	145	41.4	33.9	7.4	0	0	32	36	38	31	14	4	1	1	1	0	
09:00	86	42.5	34.7	6.5	0	3	7	39	18	19	16	3	0	0	0	0	
10:00	86	42.5	34.7	6.4	0	14	24	38	19	15	3	0	0	0	0	0	
11:00	100	43.1	34.3	6.5	0	5	21	31	31	14	17	12	0	0	0	0	
12:00	141	41.3	34.3	6.0	0	1	29	38	32	37	7	0	0	0	0	0	
13:00	75	47.8	39.1	8.4	0	0	6	20	22	7	14	0	0	0	0	0	
14:00	147	42.5	34.9	7.1	0	1	33	39	42	16	14	0	0	0	0	0	
15:00	178	42.5	34.7	8.1	0	0	32	30	44	40	23	18	12	1	1	0	
16:00	172	45.2	36.5	8.4	0	2	23	58	45	19	10	8	7	0	0	0	
17:00	161	46.6	36.1	9.6	0	2	34	54	46	19	12	8	0	0	0	0	
18:00	58	43.8	35.2	8.3	0	0	14	21	7	7	5	4	0	0	0	0	
19:00	51	44.3	35.1	10.3	0	0	4	6	4	5	4	1	0	0	0	0	
20:00	29	44.7	36.1	8.3	0	0	4	6	11	2	2	1	1	0	0	0	
21:00	23	40.0	32.8	6.9	0	0	7	8	4	1	2	0	0	0	0	0	
22:00	5	43.3	35.5	10.2	0	0	1	1	0	3	0	0	0	0	0	0	
Total																	
216130	367	41.6	34.9	6.5	0	3	21	68	37	31	6	1	0	0	0	0	
216130	322	41.6	34.9	6.5	0	1	3	39	24	44	23	28	12	1	1	0	
216130	340	44.7	36.3	8.1	0	14	264	395	397	234	113	58	20	1	1	0	
216130	470	44.7	36.3	8.1	0	15	305	447	411	205	148	67	22	2	0	0	
Peak																	
AM Peak	08:00	07:00	07:00	05:00	00:00	10:00	09:00	08:00	08:00	07:00	08:00	08:00	08:00	09:00	09:00	09:00	00:00
	145	74.3	38.3	6.5	0	0	32	30	39	38	44	23	28	12	1	1	0
PM Peak	08:00	20:00	14:00	05:00	12:00	12:00	08:00	17:00	17:00	16:00	16:00	16:00	17:00	17:00	12:00	12:00	12:00
	178	48.5	35.3	10.3	0	0	5	34	58	45	40	21	30	7	0	0	0



North Wales ATC 18, B5381



Direction: Westbound

Hour Beginning	Thu 05/05/2022	Fri 06/05/2022	Sat 07/05/2022	Sun 08/05/2022	Mon 09/05/2022	Tue 10/05/2022	Wed 11/05/2022	5-Day Ave.	7-Day Ave.
00:00	0	2	5	3	2	1	2	1	2
01:00	2	0	1	2	3	1	2	2	2
02:00	1	1	2	0	2	0	0	1	1
03:00	0	0	0	1	1	1	1	1	1
04:00	2	1	1	1	3	0	0	1	1
05:00	5	1	2	0	4	8	2	4	3
06:00	9	8	7	4	14	11	11	9	9
07:00	29	31	8	11	26	25	22	27	22
08:00	71	68	24	12	60	64	70	67	53
09:00	66	43	55	25	47	61	59	55	51
10:00	54	43	62	57	37	46	33	43	47
11:00	57	50	87	61	65	56	40	54	59
12:00	57	63	85	62	49	59	50	56	61
13:00	61	74	98	50	38	48	48	54	60
14:00	64	80	74	49	70	51	41	61	61
15:00	85	60	60	54	72	56	61	67	64
16:00	121	115	80	57	91	83	97	101	92
17:00	117	113	45	35	110	125	124	118	96
18:00	64	103	32	25	49	58	57	66	55
19:00	38	55	26	23	38	31	26	38	34
20:00	31	26	17	21	20	21	23	24	23
21:00	20	19	18	10	19	25	21	21	19
22:00	13	15	12	4	8	10	19	13	12
23:00	9	9	5	4	4	4	1	5	5
Total									
12H(7-19)	846	843	710	498	714	732	702	767	721
16H(6-22)	944	951	778	556	805	820	783	861	805
18H(6-24)	966	975	795	564	817	834	803	879	822
24H(0-24)	976	980	806	571	832	845	810	889	831
AM Peak	08:00	08:00	11:00	11:00	11:00	08:00	08:00	08:00	11:00
	71	68	87	61	65	64	70	67	59
PM Peak	16:00	16:00	13:00	12:00	17:00	17:00	17:00	17:00	17:00
	121	115	98	62	110	125	124	118	96

360 TSL Ltd

Direction: Eastbound

Hour Beginning	Thu 05/05/2022	Fri 06/05/2022	Sat 07/05/2022	Sun 08/05/2022	Mon 09/05/2022	Tue 10/05/2022	Wed 11/05/2022	5-Day Ave.	7-Day Ave.
00:00	0	1	4	2	1	1	4	1	2
01:00	2	0	2	0	2	2	2	2	1
02:00	2	1	0	1	0	0	1	1	1
03:00	0	2	0	0	0	0	0	0	0
04:00	4	3	2	2	1	3	1	2	2
05:00	15	12	5	7	9	12	9	11	10
06:00	28	25	9	6	29	26	33	28	22
07:00	86	89	24	20	97	89	86	89	70
08:00	107	99	38	20	123	119	112	112	88
09:00	67	59	50	49	71	67	65	66	61
10:00	76	61	53	71	55	61	61	63	63
11:00	64	58	76	72	49	50	53	55	60
12:00	59	77	50	73	54	45	45	56	58
13:00	68	65	48	64	71	72	68	69	65
14:00	51	46	56	63	49	63	41	50	53
15:00	54	63	58	76	51	64	57	58	60
16:00	80	73	51	59	65	65	62	69	65
17:00	71	43	60	55	68	75	53	62	61
18:00	47	37	51	46	48	34	30	39	42
19:00	31	25	34	30	19	20	29	25	27
20:00	11	12	16	13	5	7	10	9	11
21:00	13	5	9	17	14	10	4	9	10
22:00	6	1	5	4	4	5	5	4	4
23:00	3	3	2	0	2	0	4	2	2
Total									
12H(7-19)	830	770	615	668	801	804	733	788	746
16H(6-22)	913	837	683	734	868	867	809	859	816
18H(6-24)	922	841	690	738	874	872	818	865	822
24H(0-24)	945	860	703	750	887	890	835	883	839
AM Peak	08:00	08:00	11:00	11:00	08:00	08:00	08:00	08:00	08:00
	107	99	76	72	123	119	112	112	88
PM Peak	16:00	12:00	17:00	15:00	13:00	17:00	13:00	16:00	13:00
	80	77	60	76	71	75	68	69	65

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Thu 05/05/2022	Fri 06/05/2022	Sat 07/05/2022	Sun 08/05/2022	Mon 09/05/2022	Tue 10/05/2022	Wed 11/05/2022	5-Day Ave.	7-Day Ave.
00:00	0	3	9	5	3	2	6	3	4
01:00	4	0	3	2	5	3	4	3	3
02:00	3	2	2	1	2	0	1	2	2
03:00	0	2	0	1	1	1	1	1	1
04:00	6	4	3	3	4	3	1	4	3
05:00	20	13	7	7	13	20	11	15	13
06:00	37	33	16	10	43	37	44	39	31
07:00	115	120	32	31	123	114	108	116	92
08:00	178	167	62	32	183	183	182	179	141
09:00	133	102	105	74	118	128	124	121	112
10:00	130	104	115	128	92	107	94	105	110
11:00	121	108	163	133	114	106	93	108	120
12:00	116	140	135	135	103	104	95	112	118
13:00	129	139	146	114	109	120	116	123	125
14:00	115	126	130	112	119	114	82	111	114
15:00	139	123	118	130	123	120	118	125	124
16:00	201	188	131	116	156	148	159	170	157
17:00	188	156	105	90	178	200	177	180	156
18:00	111	140	83	71	97	92	87	105	97
19:00	69	80	60	53	57	51	55	62	61
20:00	42	38	33	34	25	28	33	33	33
21:00	33	24	27	27	33	35	25	30	29
22:00	19	16	17	8	12	15	24	17	16
23:00	12	12	7	4	6	4	5	8	7
Total									
12H(7-19)	1676	1613	1325	1166	1515	1536	1435	1555	1467
16H(6-22)	1857	1788	1461	1290	1673	1687	1592	1719	1621
18H(6-24)	1888	1816	1485	1302	1691	1706	1621	1744	1644
24H(0-24)	1921	1840	1509	1321	1719	1735	1645	1772	1670
AM Peak	08:00	08:00	11:00	11:00	08:00	08:00	08:00	08:00	08:00
	178	167	163	133	183	183	182	179	141
PM Peak	16:00	16:00	13:00	12:00	17:00	17:00	17:00	17:00	16:00
	201	188	146	135	178	200	177	180	157

360 TSL Ltd



North Wales ATC 18, B5381

Direction: Westbound

	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 5 May 2022	976	803	167	3	3
Fri 6 May 2022	980	826	146	4	4
Sat 7 May 2022	806	723	80	2	1
Sun 8 May 2022	571	526	45	0	0
Mon 9 May 2022	832	699	121	5	7
Tue 10 May 2022	845	710	131	2	2
Wed 11 May 2022	810	670	136	2	2
5 Day Ave.	889	742	140	3	4
7 Day Ave.	831	708	118	3	3

Direction: Eastbound

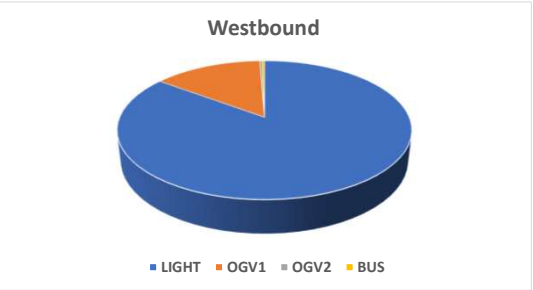
	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 5 May 2022	945	734	202	4	5
Fri 6 May 2022	860	672	177	7	4
Sat 7 May 2022	703	596	101	3	3
Sun 8 May 2022	750	674	73	3	0
Mon 9 May 2022	887	729	153	4	1
Tue 10 May 2022	890	696	185	5	4
Wed 11 May 2022	835	671	155	4	5
5 Day Ave.	883	700	174	5	4
7 Day Ave.	839	682	149	4	3

Direction: Total Flow

	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 5 May 2022	1921	1537	369	7	8
Fri 6 May 2022	1840	1498	323	11	8
Sat 7 May 2022	1509	1319	181	5	4
Sun 8 May 2022	1321	1200	118	3	0
Mon 9 May 2022	1719	1428	274	9	8
Tue 10 May 2022	1735	1406	316	7	6
Wed 11 May 2022	1645	1341	291	6	7
5 Day Ave.	1772	1442	315	8	7
7 Day Ave.	1670	1390	267	7	6

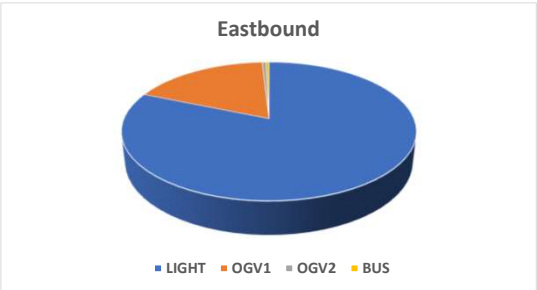
	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 5 May 2022	100.0%	82.3%	17.1%	0.3%	0.3%
Fri 6 May 2022	100.0%	84.3%	14.9%	0.4%	0.4%
Sat 7 May 2022	100.0%	89.7%	9.9%	0.2%	0.1%
Sun 8 May 2022	100.0%	92.1%	7.9%	0.0%	0.0%
Mon 9 May 2022	100.0%	84.0%	14.5%	0.6%	0.8%
Tue 10 May 2022	100.0%	84.0%	15.5%	0.2%	0.2%
Wed 11 May 2022	100.0%	82.7%	16.8%	0.2%	0.2%
5 Day Ave.	100.0%	83.5%	15.8%	0.4%	0.4%
7 Day Ave.	100.0%	85.2%	14.2%	0.3%	0.3%

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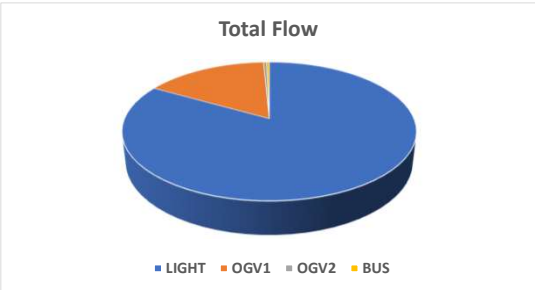
	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 5 May 2022	100.0%	77.7%	21.4%	0.4%	0.5%
Fri 6 May 2022	100.0%	78.1%	20.6%	0.8%	0.5%
Sat 7 May 2022	100.0%	84.8%	14.4%	0.4%	0.4%
Sun 8 May 2022	100.0%	89.9%	9.7%	0.4%	0.0%
Mon 9 May 2022	100.0%	82.2%	17.2%	0.5%	0.1%
Tue 10 May 2022	100.0%	78.2%	20.8%	0.6%	0.4%
Wed 11 May 2022	100.0%	80.4%	18.6%	0.5%	0.6%
5 Day Ave.	100.0%	79.3%	19.7%	0.5%	0.4%
7 Day Ave.	100.0%	81.3%	17.8%	0.5%	0.4%

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	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 5 May 2022	100.0%	80.0%	19.2%	0.4%	0.4%
Fri 6 May 2022	100.0%	81.4%	17.6%	0.6%	0.4%
Sat 7 May 2022	100.0%	87.4%	12.0%	0.3%	0.3%
Sun 8 May 2022	100.0%	90.8%	8.9%	0.2%	0.0%
Mon 9 May 2022	100.0%	83.1%	15.9%	0.5%	0.5%
Tue 10 May 2022	100.0%	81.0%	18.2%	0.4%	0.3%
Wed 11 May 2022	100.0%	81.5%	17.7%	0.4%	0.4%
5 Day Ave.	100.0%	81.4%	17.8%	0.5%	0.4%
7 Day Ave.	100.0%	83.2%	16.0%	0.4%	0.4%

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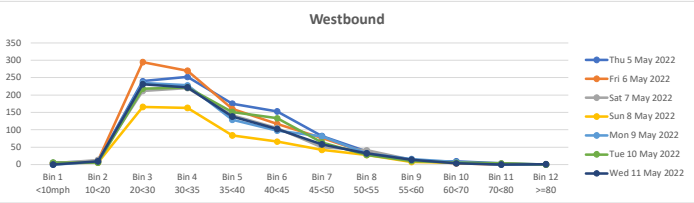


North Wales ATC 18, B5381

Direction: Westbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<30	Bin 4 30<35	Bin 5 35<40	Bin 6 40<45	Bin 7 45<50	Bin 8 50<55	Bin 9 55<60	Bin 10 60<70	Bin 11 70<80	Bin 12 >=80
Thu 5 May 2022	976	45.2	35.6	9.3	5	9	240	252	175	153	82	38	10	9	3	0
Fri 6 May 2022	980	43.4	34.3	8.8	2	11	295	270	160	117	76	34	12	3	0	0
Sat 7 May 2022	806	44.5	34.9	9.3	4	13	212	220	142	105	50	41	14	5	0	0
Sun 8 May 2022	571	44.6	34.7	9.6	4	5	166	163	84	66	42	27	7	5	2	0
Mon 9 May 2022	832	44.7	35.2	9.2	0	7	235	228	129	97	81	32	16	7	0	0
Tue 10 May 2022	845	44.7	35.2	9.2	6	5	218	222	151	133	64	28	10	5	3	0
Wed 11 May 2022	810	44.1	34.8	9.0	0	9	231	222	138	102	58	32	14	3	0	1
5 Day Ave.	889	44.4	35.0	9.1	3	8	244	239	151	120	72	33	12	5	1	0
7 Day Ave.	831	44.5	34.9	9.2	3	8	228	225	140	110	65	33	12	5	1	0

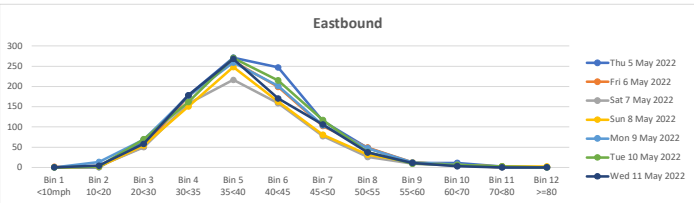
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Direction: Eastbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<30	Bin 4 30<35	Bin 5 35<40	Bin 6 40<45	Bin 7 45<50	Bin 8 50<55	Bin 9 55<60	Bin 10 60<70	Bin 11 70<80	Bin 12 >=80
Thu 5 May 2022	945	47.5	39.6	7.6	0	0	63	178	271	247	114	48	11	11	2	0
Fri 6 May 2022	860	46.9	39.3	7.4	1	3	51	176	262	199	102	49	12	5	0	0
Sat 7 May 2022	703	46.3	38.6	7.4	0	3	50	158	216	159	77	26	9	4	1	0
Sun 8 May 2022	750	47.3	39.1	7.9	0	1	54	151	248	163	80	31	12	6	2	2
Mon 9 May 2022	887	47.1	38.8	8.0	0	13	68	176	259	201	104	47	12	7	0	0
Tue 10 May 2022	890	47.0	39.2	7.5	0	2	69	162	270	215	117	38	9	6	2	0
Wed 11 May 2022	835	46.3	38.8	7.3	0	4	58	178	268	170	106	37	11	3	0	0
5 Day Ave.	883	46.9	39.1	7.5	0	4	62	174	266	206	109	44	11	6	1	0
7 Day Ave.	839	46.9	39.1	7.6	0	4	59	168	256	193	100	39	11	6	1	0

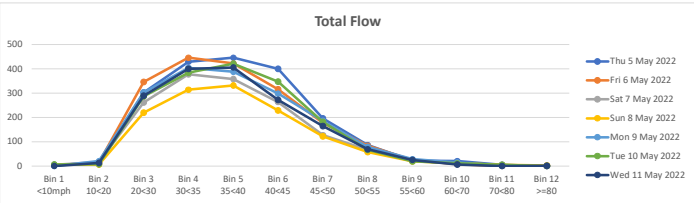
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Direction: Total Flow

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<30	Bin 4 30<35	Bin 5 35<40	Bin 6 40<45	Bin 7 45<50	Bin 8 50<55	Bin 9 55<60	Bin 10 60<70	Bin 11 70<80	Bin 12 >=80
Thu 5 May 2022	1921	46.6	37.6	8.7	5	9	303	430	446	400	196	86	21	20	5	0
Fri 6 May 2022	1840	45.4	36.6	8.5	3	14	346	446	422	316	178	83	24	8	0	0
Sat 7 May 2022	1509	45.6	36.6	8.6	4	16	262	378	358	264	127	67	23	9	1	0
Sun 8 May 2022	1321	46.5	37.2	8.9	4	6	220	314	332	229	122	58	19	11	4	2
Mon 9 May 2022	1719	46.2	37.0	8.8	0	20	303	404	388	298	185	79	28	14	0	0
Tue 10 May 2022	1735	46.1	37.3	8.6	6	7	287	384	421	348	181	66	19	11	5	0
Wed 11 May 2022	1645	45.5	36.8	8.4	0	13	289	400	406	272	164	69	25	6	0	1
5 Day Ave.	1772	46.0	37.1	8.6	3	13	306	413	417	327	181	77	23	12	2	0
7 Day Ave.	1670	46.0	37.0	8.7	3	12	287	394	396	304	165	73	23	11	2	0

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## North Wales ATC 18, B5381

Direction: Westbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<30	Bin 4 30<35	Bin 5 35<40	Bin 6 40<45	Bin 7 45<50	Bin 8 50<55	Bin 9 55<60	Bin 10 60<70	Bin 11 70<80	Bin 12 >=80
Thu 5 May 2022	111	45.2	34.4	10.5	1	3	32	27	24	10	7	2	2	2	1	0
Fri 6 May 2022	93	41.6	34.0	7.4	0	1	23	29	24	8	7	0	1	0	0	0
Sat 7 May 2022	149	46.9	37.8	8.8	0	1	23	32	36	32	11	8	5	1	0	0
Sun 8 May 2022	118	45.9	35.6	9.9	1	4	27	29	16	18	13	9	1	0	0	0
Mon 9 May 2022	102	41.7	33.2	8.2	0	1	36	29	14	12	7	2	1	0	0	0
Tue 10 May 2022	102	41.5	33.1	8.1	0	2	33	26	26	8	4	2	0	1	0	0
Wed 11 May 2022	73	40.1	32.5	7.3	0	2	23	22	15	7	4	0	0	0	0	0
5 Day Ave.	96	42.0	33.4	8.3	0	2	29	27	21	9	6	1	1	1	0	0
7 Day Ave.	107	43.3	34.4	8.6	0	2	28	28	22	14	8	3	1	1	0	0

360 TSL Ltd

Direction: Eastbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<30	Bin 4 30<35	Bin 5 35<40	Bin 6 40<45	Bin 7 45<50	Bin 8 50<55	Bin 9 55<60	Bin 10 60<70	Bin 11 70<80	Bin 12 >=80
Thu 5 May 2022	140	45.4	37.8	7.4	0	0	17	35	30	39	10	9	0	0	0	0
Fri 6 May 2022	119	45.0	37.2	7.5	0	1	12	34	34	21	13	2	1	1	0	0
Sat 7 May 2022	129	43.9	37.5	6.2	0	0	11	31	43	32	9	3	0	0	0	0
Sun 8 May 2022	143	46.0	38.1	7.6	0	1	13	30	47	32	13	4	1	2	0	0
Mon 9 May 2022	104	44.3	38.0	6.1	0	0	6	26	36	25	7	4	0	0	0	0
Tue 10 May 2022	111	46.2	38.2	7.6	0	0	15	17	36	24	12	5	2	0	0	0
Wed 11 May 2022	114	43.9	37.3	6.4	0	0	10	34	31	26	11	2	0	0	0	0
5 Day Ave.	118	45.0	37.7	7.0	0	0	12	29	33	27	11	4	1	0	0	0
7 Day Ave.	123	45.0	37.7	7.0	0	0	12	30	37	28	11	4	1	0	0	0

360 TSL Ltd

Direction: Total Flow

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<30	Bin 4 30<35	Bin 5 35<40	Bin 6 40<45	Bin 7 45<50	Bin 8 50<55	Bin 9 55<60	Bin 10 60<70	Bin 11 70<80	Bin 12 >=80
Thu 5 May 2022	251	45.6	36.3	9.0	1	3	49	62	54	49	17	11	2	2	1	0
Fri 6 May 2022	212	43.7	35.8	7.6	0	2	35	63	58	29	20	2	2	1	0	0
Sat 7 May 2022	278	45.6	37.7	7.7	0	1	34	63	79	64	20	11	5	1	0	0
Sun 8 May 2022	261	46.1	37.0	8.8	1	5	40	59	63	50	26	13	2	2	0	0
Mon 9 May 2022	206	43.5	35.6	7.6	0	1	42	55	50	37	14	6	1	0	0	0
Tue 10 May 2022	213	44.3	35.8	8.3	0	2	48	43	62	32	16	7	2	1	0	0
Wed 11 May 2022	187	42.8	35.4	7.2	0	2	33	56	46	33	15	2	0	0	0	0
5 Day Ave.	214	44.0	35.8	7.9	0	2	41	56	54	36	16	6	1	1	0	0
7 Day Ave.	230	44.5	36.2	8.0	0	2	40	57	59	42	18	7	2	1	0	0

360 TSL Ltd



## North Wales ATC 18, B5381

Direction: Westbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<30	Bin 4 30<35	Bin 5 35<40	Bin 6 40<45	Bin 7 45<50	Bin 8 50<55	Bin 9 55<60	Bin 10 60<70	Bin 11 70<80	Bin 12 >=80
Thu 5 May 2022	149	43.7	35.7	7.7	0	0	32	41	31	30	8	6	1	0	0	0
Fri 6 May 2022	140	41.0	31.8	8.9	1	4	60	30	18	16	7	3	0	1	0	0
Sat 7 May 2022	134	43.9	34.5	9.1	1	2	34	41	23	16	10	4	2	1	0	0
Sun 8 May 2022	103	48.4	36.1	11.9	1	1	30	23	15	17	6	3	1	4	2	0
Mon 9 May 2022	142	44.8	34.8	9.7	0	1	46	34	26	15	9	6	2	3	0	0
Tue 10 May 2022	107	44.0	34.3	9.3	1	1	32	30	14	14	10	3	1	1	0	0
Wed 11 May 2022	102	42.5	34.2	8.0	0	0	30	30	21	10	6	4	1	0	0	0
5 Day Ave.	128	43.2	34.2	8.7	0	1	40	33	22	17	8	4	1	1	0	0
7 Day Ave.	125	44.1	34.5	9.2	1	1	38	33	21	17	8	4	1	1	0	0

360 TSL Ltd

Direction: Eastbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<30	Bin 4 30<35	Bin 5 35<40	Bin 6 40<45	Bin 7 45<50	Bin 8 50<55	Bin 9 55<60	Bin 10 60<70	Bin 11 70<80	Bin 12 >=80
Thu 5 May 2022	105	48.1	40.3	7.5	0	0	4	18	37	23	11	9	1	2	0	0
Fri 6 May 2022	109	43.8	37.2	6.4	0	0	6	37	37	19	6	3	0	1	0	0
Sat 7 May 2022	114	46.3	38.5	7.5	0	2	7	25	35	23	18	3	0	1	0	0
Sun 8 May 2022	139	44.7	37.8	6.7	0	0	14	29	50	27	14	4	1	0	0	0
Mon 9 May 2022	100	45.7	39.3	6.2	0	0	4	20	34	23	16	2	1	0	0	0
Tue 10 May 2022	127	45.6	38.5	6.9	0	0	11	26	36	36	14	3	0	1	0	0
Wed 11 May 2022	98	46.7	38.8	7.7	0	1	9	16	31	21	16	1	3	0	0	0
5 Day Ave.	108	46.0	38.8	6.9	0	0	7	23	35	24	13	4	1	1	0	0
7 Day Ave.	113	45.9	38.6	7.0	0	0	8	24	37	25	14	4	1	1	0	0

360 TSL Ltd

Direction: Total Flow

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<30	Bin 4 30<35	Bin 5 35<40	Bin 6 40<45	Bin 7 45<50	Bin 8 50<55	Bin 9 55<60	Bin 10 60<70	Bin 11 70<80	Bin 12 >=80
Thu 5 May 2022	254	45.9	37.6	8.0	0	0	36	59	68	53	19	15	2	2	0	0
Fri 6 May 2022	249	42.8	34.2	8.3	1	4	66	67	55	35	13	6	0	2	0	0
Sat 7 May 2022	248	45.3	36.3	8.6	1	4	41	66	58	39	28	7	2	2	0	0
Sun 8 May 2022	242	46.7	37.0	9.3	1	1	44	52	65	44	20	7	2	4	2	0
Mon 9 May 2022	242	45.6	36.6	8.7	0	1	50	54	60	38	25	8	3	3	0	0
Tue 10 May 2022	234	45.2	36.6	8.3	1	1	43	56	50	50	24	6	1	2	0	0
Wed 11 May 2022	200	44.9	36.5	8.2	0	1	39	46	52	31	22	5	4	0	0	0
5 Day Ave.	236	44.9	36.3	8.3	0	1	47	56	57	41	21	8	2	2	0	0
7 Day Ave.	238	45.2	36.4	8.5	1	2	46	57	58	41	22	8	2	2	0	0

360 TSL Ltd



# North Wales ATC 18, B5381

Direction: Westbound

05/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	0	0	0	0	0
01:00	2	2	0	0	0
02:00	1	1	0	0	0
03:00	0	0	0	0	0
04:00	2	2	0	0	0
05:00	5	4	1	0	0
06:00	9	8	1	0	0
07:00	29	21	7	0	1
08:00	71	54	17	0	0
09:00	66	43	22	1	0
10:00	54	40	14	0	0
11:00	57	50	7	0	0
12:00	57	43	13	0	1
13:00	61	48	13	0	0
14:00	64	53	11	0	0
15:00	85	77	8	0	0
16:00	121	98	20	2	1
17:00	117	103	14	0	0
18:00	64	54	10	0	0
19:00	38	33	5	0	0
20:00	31	29	2	0	0
21:00	20	19	1	0	0
22:00	13	12	1	0	0
23:00	9	9	0	0	0
Total					
12H(7-19)	846	684	156	3	3
16H(6-22)	944	773	165	3	3
18H(6-24)	966	794	166	3	3
24H(0-24)	976	803	167	3	3
AM Peak	08:00	08:00	09:00	09:00	07:00
	71	54	22	1	1
PM Peak	16:00	17:00	16:00	16:00	12:00
	121	103	20	2	1

360 TSL Ltd

Direction: Eastbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	0	0	0	0	0
01:00	2	1	1	0	0
02:00	2	2	0	0	0
03:00	0	0	0	0	0
04:00	4	4	0	0	0
05:00	15	12	3	0	0
06:00	28	16	12	0	0
07:00	86	65	20	1	0
08:00	107	93	13	1	0
09:00	67	50	17	0	0
10:00	76	53	22	1	0
11:00	64	45	17	0	2
12:00	59	47	11	0	1
13:00	68	49	18	0	1
14:00	51	35	16	0	0
15:00	54	43	11	0	0
16:00	80	65	14	1	0
17:00	71	59	11	0	1
18:00	47	42	5	0	0
19:00	31	25	6	0	0
20:00	11	9	2	0	0
21:00	13	12	1	0	0
22:00	6	4	2	0	0
23:00	3	3	0	0	0
Total					
12H(7-19)	830	646	175	4	5
16H(6-22)	913	708	196	4	5
18H(6-24)	922	715	198	4	5
24H(0-24)	945	734	202	4	5
AM Peak	08:00	08:00	10:00	07:00	11:00
	107	93	22	1	2
PM Peak	16:00	16:00	13:00	16:00	12:00
	80	65	18	1	1

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	0	0	0	0	0
01:00	4	3	1	0	0
02:00	3	3	0	0	0
03:00	0	0	0	0	0
04:00	6	6	0	0	0
05:00	20	16	4	0	0
06:00	37	24	13	0	0
07:00	115	86	27	1	1
08:00	178	147	30	1	0
09:00	133	93	39	1	0
10:00	130	93	36	1	0
11:00	121	95	24	0	2
12:00	116	90	24	0	2
13:00	129	97	31	0	1
14:00	115	88	27	0	0
15:00	139	120	19	0	0
16:00	201	163	34	3	1
17:00	188	162	25	0	1
18:00	111	96	15	0	0
19:00	69	58	11	0	0
20:00	42	38	4	0	0
21:00	33	31	2	0	0
22:00	19	16	3	0	0
23:00	12	12	0	0	0
Total					
12H(7-19)	1676	1330	331	7	8
16H(6-22)	1857	1481	361	7	8
18H(6-24)	1888	1509	364	7	8
24H(0-24)	1921	1537	369	7	8
AM Peak	08:00	08:00	09:00	07:00	11:00
	178	147	39	1	2
PM Peak	16:00	16:00	16:00	16:00	12:00
	201	163	34	3	2

360 TSL Ltd



# North Wales ATC 18, B5381

Direction: Westbound

06/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	2	1	1	0	0
01:00	0	0	0	0	0
02:00	1	1	0	0	0
03:00	0	0	0	0	0
04:00	1	1	0	0	0
05:00	1	1	0	0	0
06:00	8	7	1	0	0
07:00	31	27	2	0	2
08:00	68	54	13	0	1
09:00	43	30	12	1	0
10:00	43	32	11	0	0
11:00	50	40	8	1	1
12:00	63	53	9	1	0
13:00	74	61	12	1	0
14:00	80	66	14	0	0
15:00	60	48	12	0	0
16:00	115	102	13	0	0
17:00	113	99	14	0	0
18:00	103	92	11	0	0
19:00	55	51	4	0	0
20:00	26	21	5	0	0
21:00	19	18	1	0	0
22:00	15	13	2	0	0
23:00	9	8	1	0	0
Total					
12H(7-19)	843	704	131	4	4
16H(6-22)	951	801	142	4	4
18H(6-24)	975	822	145	4	4
24H(0-24)	980	826	146	4	4
AM Peak	08:00 68	08:00 54	08:00 13	09:00 1	07:00 2
PM Peak	16:00 115	16:00 102	14:00 14	12:00 1	12:00 0

360 TSL Ltd

Direction: Eastbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	1	0	1	0	0
01:00	0	0	0	0	0
02:00	1	1	0	0	0
03:00	2	0	2	0	0
04:00	3	2	0	0	1
05:00	12	9	2	1	0
06:00	25	16	9	0	0
07:00	89	68	21	0	0
08:00	99	84	14	0	1
09:00	59	49	10	0	0
10:00	61	44	14	3	0
11:00	58	47	9	1	1
12:00	77	60	17	0	0
13:00	65	54	11	0	0
14:00	46	35	9	1	1
15:00	63	52	11	0	0
16:00	73	56	16	1	0
17:00	43	30	13	0	0
18:00	37	28	9	0	0
19:00	25	20	5	0	0
20:00	12	10	2	0	0
21:00	5	4	1	0	0
22:00	1	1	0	0	0
23:00	3	2	1	0	0
Total					
12H(7-19)	770	607	154	6	3
16H(6-22)	837	657	171	6	3
18H(6-24)	841	660	172	6	3
24H(0-24)	860	672	177	7	4
AM Peak	08:00 99	08:00 84	07:00 21	10:00 3	04:00 1
PM Peak	12:00 77	12:00 60	12:00 17	14:00 1	14:00 1

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	3	1	2	0	0
01:00	0	0	0	0	0
02:00	2	2	0	0	0
03:00	2	0	2	0	0
04:00	4	3	0	0	1
05:00	13	10	2	1	0
06:00	33	23	10	0	0
07:00	120	95	23	0	2
08:00	167	138	27	0	2
09:00	102	79	22	1	0
10:00	104	76	25	3	0
11:00	108	87	17	2	2
12:00	140	113	26	1	0
13:00	139	115	23	1	0
14:00	126	101	23	1	1
15:00	123	100	23	0	0
16:00	188	158	29	1	0
17:00	156	129	27	0	0
18:00	140	120	20	0	0
19:00	80	71	9	0	0
20:00	38	31	7	0	0
21:00	24	22	2	0	0
22:00	16	14	2	0	0
23:00	12	10	2	0	0
Total					
12H(7-19)	1613	1311	285	10	7
16H(6-22)	1788	1458	313	10	7
18H(6-24)	1816	1482	317	10	7
24H(0-24)	1840	1498	323	11	8
AM Peak	08:00 167	08:00 138	08:00 27	10:00 3	07:00 2
PM Peak	16:00 188	16:00 158	16:00 29	12:00 1	14:00 1

360 TSL Ltd



# North Wales ATC 18, B5381

Direction: Westbound

07/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	5	5	0	0	0
01:00	1	1	0	0	0
02:00	2	1	1	0	0
03:00	0	0	0	0	0
04:00	1	1	0	0	0
05:00	2	2	0	0	0
06:00	7	7	0	0	0
07:00	8	7	0	0	1
08:00	24	20	4	0	0
09:00	55	48	6	1	0
10:00	62	52	10	0	0
11:00	87	78	9	0	0
12:00	85	74	11	0	0
13:00	98	92	5	1	0
14:00	74	69	5	0	0
15:00	60	53	7	0	0
16:00	80	73	7	0	0
17:00	45	39	6	0	0
18:00	32	29	3	0	0
19:00	26	25	1	0	0
20:00	17	16	1	0	0
21:00	18	16	2	0	0
22:00	12	11	1	0	0
23:00	5	4	1	0	0
Total					
12H(7-19)	710	634	73	2	1
16H(6-22)	778	698	77	2	1
18H(6-24)	795	713	79	2	1
24H(0-24)	806	723	80	2	1
AM Peak	11:00	11:00	10:00	09:00	07:00
	87	78	10	1	1
PM Peak	13:00	13:00	12:00	13:00	12:00
	98	92	11	1	0

360 TSL Ltd

Direction: Eastbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	4	3	1	0	0
01:00	2	1	1	0	0
02:00	0	0	0	0	0
03:00	0	0	0	0	0
04:00	2	2	0	0	0
05:00	5	5	0	0	0
06:00	9	7	2	0	0
07:00	24	16	8	0	0
08:00	38	30	8	0	0
09:00	50	36	14	0	0
10:00	53	45	8	0	0
11:00	76	68	8	0	0
12:00	50	44	5	1	0
13:00	48	43	4	0	1
14:00	56	46	9	1	0
15:00	58	50	8	0	0
16:00	51	44	6	0	1
17:00	60	56	3	0	1
18:00	51	44	6	1	0
19:00	34	28	6	0	0
20:00	16	14	2	0	0
21:00	9	7	2	0	0
22:00	5	5	0	0	0
23:00	2	2	0	0	0
Total					
12H(7-19)	615	522	87	3	3
16H(6-22)	683	578	99	3	3
18H(6-24)	690	585	99	3	3
24H(0-24)	703	596	101	3	3
AM Peak	11:00	11:00	09:00	00:00	00:00
	76	68	14	0	0
PM Peak	17:00	17:00	14:00	12:00	13:00
	60	56	9	1	1

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	9	8	1	0	0
01:00	3	2	1	0	0
02:00	2	1	1	0	0
03:00	0	0	0	0	0
04:00	3	3	0	0	0
05:00	7	7	0	0	0
06:00	16	14	2	0	0
07:00	32	23	8	0	1
08:00	62	50	12	0	0
09:00	105	84	20	1	0
10:00	115	97	18	0	0
11:00	163	146	17	0	0
12:00	135	118	16	1	0
13:00	146	135	9	1	1
14:00	130	115	14	1	0
15:00	118	103	15	0	0
16:00	131	117	13	0	1
17:00	105	95	9	0	1
18:00	83	73	9	1	0
19:00	60	53	7	0	0
20:00	33	30	3	0	0
21:00	27	23	4	0	0
22:00	17	16	1	0	0
23:00	7	6	1	0	0
Total					
12H(7-19)	1325	1156	160	5	4
16H(6-22)	1461	1276	176	5	4
18H(6-24)	1485	1298	178	5	4
24H(0-24)	1509	1319	181	5	4
AM Peak	11:00	11:00	09:00	09:00	07:00
	163	146	20	1	1
PM Peak	13:00	13:00	12:00	12:00	13:00
	146	135	16	1	1

360 TSL Ltd



# North Wales ATC 18, B5381

Direction: Westbound

08/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	3	3	0	0	0
01:00	2	2	0	0	0
02:00	0	0	0	0	0
03:00	1	1	0	0	0
04:00	1	1	0	0	0
05:00	0	0	0	0	0
06:00	4	3	1	0	0
07:00	11	8	3	0	0
08:00	12	12	0	0	0
09:00	25	23	2	0	0
10:00	57	55	2	0	0
11:00	61	54	7	0	0
12:00	62	57	5	0	0
13:00	50	43	7	0	0
14:00	49	48	1	0	0
15:00	54	51	3	0	0
16:00	57	52	5	0	0
17:00	35	34	1	0	0
18:00	25	21	4	0	0
19:00	23	23	0	0	0
20:00	21	19	2	0	0
21:00	10	9	1	0	0
22:00	4	4	0	0	0
23:00	4	3	1	0	0
Total					
12H(7-19)	498	458	40	0	0
16H(6-22)	556	512	44	0	0
18H(6-24)	564	519	45	0	0
24H(0-24)	571	526	45	0	0
AM Peak	11:00	10:00	11:00	00:00	00:00
	61	55	7	0	0
PM Peak	12:00	12:00	13:00	12:00	12:00
	62	57	7	0	0

360 TSL Ltd

Direction: Eastbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	2	2	0	0	0
01:00	0	0	0	0	0
02:00	1	1	0	0	0
03:00	0	0	0	0	0
04:00	2	2	0	0	0
05:00	7	7	0	0	0
06:00	6	4	2	0	0
07:00	20	18	2	0	0
08:00	20	18	2	0	0
09:00	49	44	5	0	0
10:00	71	65	6	0	0
11:00	72	66	6	0	0
12:00	73	63	10	0	0
13:00	64	55	9	0	0
14:00	63	55	8	0	0
15:00	76	69	5	2	0
16:00	59	56	3	0	0
17:00	55	51	3	1	0
18:00	46	42	4	0	0
19:00	30	26	4	0	0
20:00	13	12	1	0	0
21:00	17	15	2	0	0
22:00	4	3	1	0	0
23:00	0	0	0	0	0
Total					
12H(7-19)	668	602	63	3	0
16H(6-22)	734	659	72	3	0
18H(6-24)	738	662	73	3	0
24H(0-24)	750	674	73	3	0
AM Peak	11:00	11:00	10:00	00:00	00:00
	72	66	6	0	0
PM Peak	15:00	15:00	12:00	15:00	12:00
	76	69	10	2	0

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	5	5	0	0	0
01:00	2	2	0	0	0
02:00	1	1	0	0	0
03:00	1	1	0	0	0
04:00	3	3	0	0	0
05:00	7	7	0	0	0
06:00	10	7	3	0	0
07:00	31	26	5	0	0
08:00	32	30	2	0	0
09:00	74	67	7	0	0
10:00	128	120	8	0	0
11:00	133	120	13	0	0
12:00	135	120	15	0	0
13:00	114	98	16	0	0
14:00	112	103	9	0	0
15:00	130	120	8	2	0
16:00	116	108	8	0	0
17:00	90	85	4	1	0
18:00	71	63	8	0	0
19:00	53	49	4	0	0
20:00	34	31	3	0	0
21:00	27	24	3	0	0
22:00	8	7	1	0	0
23:00	4	3	1	0	0
Total					
12H(7-19)	1166	1060	103	3	0
16H(6-22)	1290	1171	116	3	0
18H(6-24)	1302	1181	118	3	0
24H(0-24)	1321	1200	118	3	0
AM Peak	11:00	10:00	11:00	00:00	00:00
	133	120	13	0	0
PM Peak	12:00	12:00	13:00	15:00	12:00
	135	120	16	2	0

360 TSL Ltd



# North Wales ATC 18, B5381

Direction: Westbound

09/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	2	2	0	0	0
01:00	3	2	1	0	0
02:00	2	2	0	0	0
03:00	1	0	1	0	0
04:00	3	3	0	0	0
05:00	4	4	0	0	0
06:00	14	13	1	0	0
07:00	26	18	6	0	2
08:00	60	43	15	2	0
09:00	47	39	8	0	0
10:00	37	28	9	0	0
11:00	65	55	8	0	2
12:00	49	42	6	0	1
13:00	38	35	3	0	0
14:00	70	56	11	1	2
15:00	72	57	15	0	0
16:00	91	80	10	1	0
17:00	110	93	17	0	0
18:00	49	43	6	0	0
19:00	38	36	1	1	0
20:00	20	20	0	0	0
21:00	19	18	1	0	0
22:00	8	8	0	0	0
23:00	4	2	2	0	0
Total					
12H(7-19)	714	589	114	4	7
16H(6-22)	805	676	117	5	7
18H(6-24)	817	686	119	5	7
24H(0-24)	832	699	121	5	7
AM Peak	11:00	11:00	08:00	08:00	07:00
	65	55	15	2	2
PM Peak	17:00	17:00	17:00	14:00	14:00
	110	93	17	1	2

360 TSL Ltd

Direction: Eastbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	1	0	1	0	0
01:00	2	2	0	0	0
02:00	0	0	0	0	0
03:00	0	0	0	0	0
04:00	1	1	0	0	0
05:00	9	6	3	0	0
06:00	29	16	13	0	0
07:00	97	80	17	0	0
08:00	123	107	16	0	0
09:00	71	59	12	0	0
10:00	55	45	10	0	0
11:00	49	43	6	0	0
12:00	54	40	13	1	0
13:00	71	57	14	0	0
14:00	49	41	7	1	0
15:00	51	42	9	0	0
16:00	65	52	13	0	0
17:00	68	55	11	1	1
18:00	48	42	6	0	0
19:00	19	19	0	0	0
20:00	5	5	0	0	0
21:00	14	12	2	0	0
22:00	4	4	0	0	0
23:00	2	1	0	1	0
Total					
12H(7-19)	801	663	134	3	1
16H(6-22)	868	715	149	3	1
18H(6-24)	874	720	149	4	1
24H(0-24)	887	729	153	4	1
AM Peak	08:00	08:00	07:00	00:00	00:00
	123	107	17	0	0
PM Peak	13:00	13:00	13:00	12:00	17:00
	71	57	14	1	1

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	3	2	1	0	0
01:00	5	4	1	0	0
02:00	2	2	0	0	0
03:00	1	0	1	0	0
04:00	4	4	0	0	0
05:00	13	10	3	0	0
06:00	43	29	14	0	0
07:00	123	98	23	0	2
08:00	183	150	31	2	0
09:00	118	98	20	0	0
10:00	92	73	19	0	0
11:00	114	98	14	0	2
12:00	103	82	19	1	1
13:00	109	92	17	0	0
14:00	119	97	18	2	2
15:00	123	99	24	0	0
16:00	156	132	23	1	0
17:00	178	148	28	1	1
18:00	97	85	12	0	0
19:00	57	55	1	1	0
20:00	25	25	0	0	0
21:00	33	30	3	0	0
22:00	12	12	0	0	0
23:00	6	3	2	1	0
Total					
12H(7-19)	1515	1252	248	7	8
16H(6-22)	1673	1391	266	8	8
18H(6-24)	1691	1406	268	9	8
24H(0-24)	1719	1428	274	9	8
AM Peak	08:00	08:00	08:00	08:00	07:00
	183	150	31	2	2
PM Peak	17:00	17:00	17:00	14:00	14:00
	178	148	28	2	2

360 TSL Ltd



# North Wales ATC 18, B5381

Direction: Westbound

10/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	1	1	0	0	0
01:00	1	1	0	0	0
02:00	0	0	0	0	0
03:00	1	1	0	0	0
04:00	0	0	0	0	0
05:00	8	8	0	0	0
06:00	11	11	0	0	0
07:00	25	20	4	0	1
08:00	64	48	16	0	0
09:00	61	49	12	0	0
10:00	46	40	6	0	0
11:00	56	50	6	0	0
12:00	59	48	11	0	0
13:00	48	42	6	0	0
14:00	51	39	10	1	1
15:00	56	43	12	1	0
16:00	83	69	14	0	0
17:00	125	107	18	0	0
18:00	58	49	9	0	0
19:00	31	27	4	0	0
20:00	21	20	1	0	0
21:00	25	23	2	0	0
22:00	10	10	0	0	0
23:00	4	4	0	0	0
Total					
12H(7-19)	732	604	124	2	2
16H(6-22)	820	685	131	2	2
18H(6-24)	834	699	131	2	2
24H(0-24)	845	710	131	2	2
AM Peak	08:00 64	11:00 50	08:00 16	00:00 0	07:00 1
PM Peak	17:00 125	17:00 107	17:00 18	14:00 1	14:00 1

360 TSL Ltd

Direction: Eastbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	1	1	0	0	0
01:00	2	1	1	0	0
02:00	0	0	0	0	0
03:00	0	0	0	0	0
04:00	3	2	1	0	0
05:00	12	11	1	0	0
06:00	26	16	10	0	0
07:00	89	71	18	0	0
08:00	119	99	19	0	1
09:00	67	54	12	1	0
10:00	61	43	16	1	1
11:00	50	42	8	0	0
12:00	45	30	15	0	0
13:00	72	59	13	0	0
14:00	63	49	12	2	0
15:00	64	50	14	0	0
16:00	65	49	15	1	0
17:00	75	58	15	0	2
18:00	34	29	5	0	0
19:00	20	13	7	0	0
20:00	7	6	1	0	0
21:00	10	9	1	0	0
22:00	5	4	1	0	0
23:00	0	0	0	0	0
Total					
12H(7-19)	804	633	162	5	4
16H(6-22)	867	677	181	5	4
18H(6-24)	872	681	182	5	4
24H(0-24)	890	696	185	5	4
AM Peak	08:00 119	08:00 99	08:00 19	09:00 1	08:00 1
PM Peak	17:00 75	13:00 59	12:00 15	14:00 2	17:00 2

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	2	2	0	0	0
01:00	3	2	1	0	0
02:00	0	0	0	0	0
03:00	1	1	0	0	0
04:00	3	2	1	0	0
05:00	20	19	1	0	0
06:00	37	27	10	0	0
07:00	114	91	22	0	1
08:00	183	147	35	0	1
09:00	128	103	24	1	0
10:00	107	83	22	1	1
11:00	106	92	14	0	0
12:00	104	78	26	0	0
13:00	120	101	19	0	0
14:00	114	88	22	3	1
15:00	120	93	26	1	0
16:00	148	118	29	1	0
17:00	200	165	33	0	2
18:00	92	78	14	0	0
19:00	51	40	11	0	0
20:00	28	26	2	0	0
21:00	35	32	3	0	0
22:00	15	14	1	0	0
23:00	4	4	0	0	0
Total					
12H(7-19)	1536	1237	286	7	6
16H(6-22)	1687	1362	312	7	6
18H(6-24)	1706	1380	313	7	6
24H(0-24)	1735	1406	316	7	6
AM Peak	08:00 183	08:00 147	08:00 35	09:00 1	07:00 1
PM Peak	17:00 200	17:00 165	17:00 33	14:00 3	17:00 2

360 TSL Ltd



# North Wales ATC 18, B5381

Direction: Westbound

11/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	2	1	1	0	0
01:00	2	1	1	0	0
02:00	0	0	0	0	0
03:00	1	1	0	0	0
04:00	0	0	0	0	0
05:00	2	2	0	0	0
06:00	11	11	0	0	0
07:00	22	18	3	0	1
08:00	70	52	18	0	0
09:00	59	44	15	0	0
10:00	33	23	10	0	0
11:00	40	34	6	0	0
12:00	50	37	13	0	0
13:00	48	38	10	0	0
14:00	41	37	4	0	0
15:00	61	50	10	1	0
16:00	97	83	12	1	1
17:00	124	106	18	0	0
18:00	57	49	8	0	0
19:00	26	23	3	0	0
20:00	23	22	1	0	0
21:00	21	19	2	0	0
22:00	19	18	1	0	0
23:00	1	1	0	0	0
Total					
12H(7-19)	702	571	127	2	2
16H(6-22)	783	646	133	2	2
18H(6-24)	803	665	134	2	2
24H(0-24)	810	670	136	2	2
AM Peak	08:00	08:00	08:00	00:00	07:00
	70	52	18	0	1
PM Peak	17:00	17:00	17:00	15:00	16:00
	124	106	18	1	1

360 TSL Ltd

Direction: Eastbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	4	3	1	0	0
01:00	2	1	1	0	0
02:00	1	1	0	0	0
03:00	0	0	0	0	0
04:00	1	1	0	0	0
05:00	9	9	0	0	0
06:00	33	23	9	0	1
07:00	86	67	18	1	0
08:00	112	103	8	1	0
09:00	65	48	16	1	0
10:00	61	47	14	0	0
11:00	53	43	10	0	0
12:00	45	30	14	1	0
13:00	68	58	9	0	1
14:00	41	31	10	0	0
15:00	57	36	18	0	3
16:00	62	50	12	0	0
17:00	53	47	6	0	0
18:00	30	27	3	0	0
19:00	29	26	3	0	0
20:00	10	9	1	0	0
21:00	4	4	0	0	0
22:00	5	3	2	0	0
23:00	4	4	0	0	0
Total					
12H(7-19)	733	587	138	4	4
16H(6-22)	809	649	151	4	5
18H(6-24)	818	656	153	4	5
24H(0-24)	835	671	155	4	5
AM Peak	08:00	08:00	07:00	07:00	06:00
	112	103	18	1	1
PM Peak	13:00	13:00	15:00	12:00	15:00
	68	58	18	1	3

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	6	4	2	0	0
01:00	4	2	2	0	0
02:00	1	1	0	0	0
03:00	1	1	0	0	0
04:00	1	1	0	0	0
05:00	11	11	0	0	0
06:00	44	34	9	0	1
07:00	108	85	21	1	1
08:00	182	155	26	1	0
09:00	124	92	31	1	0
10:00	94	70	24	0	0
11:00	93	77	16	0	0
12:00	95	67	27	1	0
13:00	116	96	19	0	1
14:00	82	68	14	0	0
15:00	118	86	28	1	3
16:00	159	133	24	1	1
17:00	177	153	24	0	0
18:00	87	76	11	0	0
19:00	55	49	6	0	0
20:00	33	31	2	0	0
21:00	25	23	2	0	0
22:00	24	21	3	0	0
23:00	5	5	0	0	0
Total					
12H(7-19)	1435	1158	265	6	6
16H(6-22)	1592	1295	284	6	7
18H(6-24)	1621	1321	287	6	7
24H(0-24)	1645	1341	291	6	7
AM Peak	08:00	08:00	09:00	07:00	06:00
	182	155	31	1	1
PM Peak	17:00	17:00	15:00	12:00	15:00
	177	153	28	1	3

360 TSL Ltd



North Wales ATC 18, B5381

Direction: Westbound

05/05/2022																
Hour Beginning	Total Volume	B53B Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-40	Bin 5 40-50	Bin 6 50-60	Bin 7 60-70	Bin 8 70-80	Bin 9 80-90	Bin 10 90-100	Bin 11 100-110	Bin 12 >110
00:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
01:00	2	38.7	35.0	3.5	0	0	0	1	1	0	0	0	0	0	0	0
02:00	1	-	32.5	-	0	0	0	1	0	0	0	0	0	0	0	0
03:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
04:00	2	25.0	25.0	0.0	0	0	2	0	0	0	0	0	0	0	0	0
05:00	5	32.0	28.0	4.1	0	0	3	2	0	0	0	0	0	0	0	5
06:00	9	45.2	36.4	8.5	0	0	2	2	2	1	2	0	0	0	0	0
07:00	29	46.6	37.3	8.1	0	0	8	1	9	4	5	2	0	0	0	0
08:00	71	46.4	37.7	8.4	0	0	13	14	12	21	5	5	1	0	0	0
09:00	66	46.7	36.7	9.6	0	1	9	26	16	1	2	3	0	0	0	0
10:00	54	46.0	33.4	12.1	1	3	17	13	9	4	2	2	1	1	1	0
11:00	57	44.2	33.2	8.7	0	0	15	14	15	6	5	0	1	1	0	0
12:00	57	43.7	32.4	8.9	2	1	17	16	8	9	4	0	0	0	0	0
13:00	61	42.8	32.9	9.6	2	1	19	14	12	7	4	1	1	0	0	0
14:00	64	44.3	36.1	8.0	0	0	24	15	14	14	5	4	0	0	0	0
15:00	85	43.3	35.4	7.6	0	0	18	26	17	16	5	2	1	0	0	0
16:00	121	47.0	36.5	10.1	0	1	36	26	23	20	13	5	0	1	2	0
17:00	117	47.1	36.8	9.8	0	0	31	30	9	21	14	9	1	2	0	0
18:00	64	46.7	36.9	9.5	0	0	12	22	10	6	10	1	1	2	0	0
19:00	38	42.4	33.6	8.5	0	1	11	11	8	3	3	0	1	0	0	0
20:00	31	44.3	35.2	8.7	0	0	8	11	3	3	4	2	0	0	0	0
21:00	30	46.3	36.1	9.8	0	1	4	3	5	4	1	2	0	0	0	0
22:00	13	40.6	33.7	6.7	0	0	4	2	5	2	0	0	0	0	0	0
23:00	9	39.6	32.8	6.5	0	0	3	2	3	1	0	0	0	0	0	0
Total																
201610-12	111	45.2	34.4	10.5	1	3	32	27	24	10	7	2	2	2	1	0
201614-16	149	43.7	35.7	7.7	0	0	32	41	31	30	8	6	1	0	0	0
12047-19	846	45.6	35.8	8.4	5	7	203	217	148	139	72	34	9	9	3	0
24040-24	976	45.2	35.6	9.3	5	9	240	252	175	153	82	38	10	9	3	0
AM Peak	08:00	07:00	08:00	10:00	10:00	10:00	09:00	11:00	08:00	07:00	08:00	09:00	09:00	10:00	00:00	
	71	46.8	37.7	12.1	1	3	17	26	15	21	5	5	2	2	1	0
PM Peak	16:00	17:00	18:00	16:00	12:00	12:00	17:00	17:00	16:00	17:00	17:00	17:00	13:00	17:00	16:00	12:00
	121	47.1	36.9	10.1	2	1	31	30	23	21	14	9	1	2	2	0

360 TSL Ltd

Direction: Eastbound

05/05/2022																
Hour Beginning	Total Volume	B53B Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-40	Bin 5 40-50	Bin 6 50-60	Bin 7 60-70	Bin 8 70-80	Bin 9 80-90	Bin 10 90-100	Bin 11 100-110	Bin 12 >110
00:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
01:00	2	54.8	47.5	7.1	0	0	0	0	0	0	0	0	0	0	0	0
02:00	2	43.7	40.0	3.5	0	0	0	0	1	1	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	4	46.7	40.0	6.5	0	0	0	1	1	1	1	0	0	0	0	0
05:00	15	47.6	46.0	7.4	0	0	1	3	3	4	3	5	0	0	0	0
06:00	28	50.9	41.3	9.2	0	0	2	4	9	3	6	2	1	0	0	0
07:00	86	48.4	40.3	7.8	0	0	5	14	26	22	8	8	2	1	0	0
08:00	207	45.6	38.7	6.6	0	9	17	34	33	12	1	0	0	1	0	0
09:00	67	46.0	38.9	6.9	0	0	5	12	24	13	10	2	1	0	0	0
10:00	76	44.2	36.5	7.4	0	0	11	25	16	7	4	0	0	0	0	0
11:00	64	46.6	39.4	7.0	0	0	6	10	12	28	3	5	0	0	0	0
12:00	59	46.8	39.5	7.0	0	0	4	10	16	19	7	1	2	0	0	0
13:00	68	46.6	39.3	7.0	0	0	4	14	21	15	9	4	1	0	0	0
14:00	51	48.2	40.0	7.9	0	0	3	5	23	12	4	1	1	2	0	0
15:00	54	48.0	40.6	7.2	0	1	13	14	11	7	8	0	0	0	0	0
16:00	80	46.6	39.2	7.1	0	0	2	19	27	22	6	2	1	0	1	0
17:00	71	48.3	41.2	8.6	0	0	2	10	21	20	13	2	0	0	0	0
18:00	47	46.5	39.7	8.6	0	0	6	7	15	9	11	2	0	1	0	0
19:00	31	49.5	40.9	8.3	0	0	0	9	5	11	4	0	0	2	0	0
20:00	11	57.3	45.5	11.4	0	0	0	2	5	2	1	0	0	1	0	0
21:00	13	46.4	37.9	8.2	0	0	2	3	2	4	1	1	0	0	0	0
22:00	6	44.4	32.7	12.3	0	0	0	0	0	0	0	0	0	0	0	0
23:00	3	47.1	36.7	10.1	0	0	1	0	0	2	0	0	0	0	0	0
Total																
201610-12	140	45.4	37.8	7.4	0	0	17	35	30	39	10	9	0	0	0	0
201614-16	105	48.1	40.3	7.5	0	0	4	18	17	23	11	9	1	2	0	0
12047-19	830	46.9	39.4	7.3	0	0	57	156	248	215	97	40	10	6	1	0
24040-24	945	47.5	39.6	7.6	0	0	63	176	271	247	114	48	11	11	2	0
AM Peak	08:00	01:00	01:00	06:00	00:00	00:00	10:00	10:00	08:00	08:00	08:00	07:00	07:00	06:00	00:00	00:00
	107	54.8	47.5	9.2	0	0	11	29	34	33	12	8	2	1	0	0
PM Peak	16:00	22:00	22:00	22:00	12:00	12:00	18:00	16:00	16:00	16:00	17:00	16:00	12:00	14:00	16:00	12:00
	80	54.4	51.7	12.3	0	0	6	18	27	22	13	6	2	2	1	0

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	B53B Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-40	Bin 5 40-50	Bin 6 50-60	Bin 7 60-70	Bin 8 70-80	Bin 9 80-90	Bin 10 90-100	Bin 11 100-110	Bin 12 >110
00:00	4	50.1	43.3	8.5	0	0	0	1	1	1	0	0	0	0	0	0
01:00	3	43.7	37.5	5.0	0	0	0	1	1	1	0	0	0	0	0	0
02:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
03:00	6	44.6	35.0	9.2	0	0	2	1	1	1	1	0	0	0	0	0
04:00	20	45.8	37.0	8.5	0	0	4	5	3	4	3	1	0	0	0	0
05:00	37	49.6	40.1	8.2	0	0	4	6	11	4	8	2	1	1	0	0
06:00	115	46.1	39.6	8.2	0	0	13	15	35	26	13	10	2	1	0	0
07:00	178	46.0	38.3	7.4	0	0	22	31	46	54	17	6	1	1	0	0
08:00	133	46.5	37.8	8.4	0	1	14	14	38	24	12	5	3	2	0	0
09:00	130	45.3	35.2	9.7	1	3	28	38	27	15	9	6	1	1	1	0
10:00	121	45.8	33.4	8.1	0	0	21	24	27	24	8	5	0	0	0	0
11:00	116	45.1	36.0	8.7	1	1	21	26	34	28	11	1	2	0	0	0
12:00	129	45.9	36.3	8.9	2	1	23	28	33	22	13	5	1	0	0	0
13:00	115	46.3	37.8	8.1	0	0	17	20	37	26	7	5	1	2	0	0
14:00	139	45.6	37.4	7.8	0	0	19	39	31	27	12	10	1	0	0	0
15:00	201	47.0	37.6	9.1	0	1	32	45	50	42	19	7	1	1	3	0
16:00	178	48.9	38.5	9.1	0	0	32	40	31	41	27	11	3	3	0	0
17:00	111	47.6	38.1	9.2	0	0	18	29	21	15	21	3	0	0	0	0
18:00	69	46.3	36.8	9.1	0	1	11	20	13	14	7	0	1	2	0	0
19:00	42	48.7	37.9	10.4	0	0	8	13	3	8	6	3	0	0	1	0
20:00	31	46.3	36.8	9.1	0	1	6	6	7	6	3	0	0	0	0	0
21:00	19	51.9	39.3	12.1	0	0	4	2	7	2	0	2	0	2	0	0
22:00	12	43.3	33.8	7.3	0	0	4	2	3	0	0	0	0	0	0	0
Total																
2024-12-11	251	45.6	36.3	9.0	1	3	49	62	54	49	17	11	2	2	1	0
2024-12-10	254	45.9	37.6	8.0	0	0	36	59	68	53	19	15	2	2	0	0
2024-12-09	267	46.4	37.6	8.6	0	7	260	378	454	54	18	11	20	5	0	0
2024-12-08	1921	46.6	37.6	8.7	5	9	303	432	446	420	196	86	21	10	5	0
PHM P&P	178	51.00	41.00	10.00	5.7	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00	10.00
PHM P&P	178	51.1	41.3	9.7	5.5	5	28	38	46	54	57	30	5	2	1	0
PHM P&P	180	52.00	42.00	11.00	6.00	12.00	12.00	16.00	16.00	16.00	17.00	17.00	17.00	17.00	16.00	12.00



North Wales ATC 18, B5381

Direction: Westbound

05/05/2022																
Hour Beginning	Total Volume	ESD Percentile	Mean Average	Standard Deviation	Bin 1 10-19m	Bin 2 20-29m	Bin 3 30-39m	Bin 4 40-49m	Bin 5 50-59m	Bin 6 60-69m	Bin 7 70-79m	Bin 8 80-89m	Bin 9 90-99m	Bin 10 100-109m	Bin 11 110-119m	Bin 12 120-129m
00:00	2	57.2	42.5	34.1	0	0	0	0	1	0	0	0	1	0	0	0
01:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
02:00	1	-	52.5	-	0	0	0	0	0	0	0	0	1	0	0	0
03:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
04:00	1	-	25.0	-	0	0	1	0	0	0	0	0	0	0	0	0
05:00	1	-	33.5	-	0	0	0	1	0	0	0	0	0	0	0	1
06:00	8	38.7	30.6	7.8	0	0	4	3	0	0	1	0	0	0	0	0
07:00	31	44.0	34.4	8.3	0	1	9	7	5	5	2	2	0	0	0	0
08:00	68	48.7	37.8	10.5	0	0	15	13	9	12	8	9	0	1	0	0
09:00	43	48.7	38.4	10.0	0	0	7	11	9	6	5	1	3	1	0	0
10:00	43	41.1	34.9	6.0	0	0	7	15	13	6	2	0	0	0	0	0
11:00	50	41.9	33.3	8.3	0	1	16	14	11	6	2	5	0	1	0	0
12:00	63	45.2	35.8	9.1	0	1	17	14	6	14	8	1	0	0	0	0
13:00	74	43.7	33.5	7.9	0	1	22	23	13	8	5	2	0	0	0	0
14:00	80	42.1	31.5	9.3	1	2	36	17	11	6	4	2	0	1	0	0
15:00	60	41.0	32.3	8.4	0	2	24	13	7	10	3	1	0	0	0	0
16:00	115	44.0	34.6	9.1	0	0	40	35	26	17	15	10	4	0	0	0
17:00	113	42.6	33.9	8.4	0	1	34	35	26	17	9	7	4	2	0	0
18:00	103	42.7	34.9	7.5	0	0	22	34	27	10	6	2	2	0	0	0
19:00	55	42.7	33.5	8.0	0	1	20	14	7	4	7	0	0	0	0	0
20:00	26	43.1	33.7	9.1	0	1	7	9	2	5	1	1	0	1	0	0
21:00	19	40.0	32.8	7.0	0	0	6	8	1	3	1	0	0	0	0	0
22:00	15	35.7	30.7	4.9	0	0	5	9	0	1	0	0	0	0	0	0
23:00	9	41.6	33.3	8.0	0	0	3	3	1	1	1	0	0	0	0	0
Total	93	41.6	34.0	7.4	0	1	23	29	24	8	7	0	1	0	0	0
2H(14-16)	140	41.0	31.8	8.9	1	4	60	30	18	16	7	3	0	1	0	0
12H(7-19)	843	43.6	34.5	8.8	2	9	249	232	149	103	65	30	11	3	0	0
24H(0-24)	980	43.4	34.3	8.8	2	11	295	270	160	117	76	34	12	3	0	0
AM Peak	08:00	00:00	02:00	04:00	06:00	07:00	11:00	10:00	10:00	08:00	08:00	08:00	09:00	08:00	00:00	00:00
	68	57.2	52.5	34.1	0	0	1	16	15	12	8	9	3	1	0	0
PM Peak	16:00	12:00	12:00	14:00	14:00	14:00	16:00	17:00	18:00	16:00	16:00	16:00	16:00	14:00	12:00	12:00
	115	45.2	35.8	9.3	1	2	40	35	27	15	10	4	3	1	0	0

360 TSL Ltd

Direction: Eastbound

Hour Beginning	Total Volume	ESD Percentile	Mean Average	Standard Deviation	Bin 1 10-19m	Bin 2 20-29m	Bin 3 30-39m	Bin 4 40-49m	Bin 5 50-59m	Bin 6 60-69m	Bin 7 70-79m	Bin 8 80-89m	Bin 9 90-99m	Bin 10 100-109m	Bin 11 110-119m	Bin 12 120-129m
00:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
02:00	1	31.5	37.5	-	0	0	0	1	0	0	0	0	0	0	0	0
03:00	2	53.7	50.0	9.5	0	0	0	0	0	0	1	1	0	0	0	0
04:00	3	53.7	45.8	7.6	0	0	0	1	0	1	1	1	0	0	0	0
05:00	12	50.4	41.9	8.3	0	0	1	2	1	2	5	5	0	0	0	0
06:00	25	51.9	43.3	8.3	0	0	1	1	8	6	3	5	0	1	0	0
07:00	89	50.3	43.0	7.0	0	0	0	7	27	29	9	11	5	1	0	0
08:00	99	47.7	40.8	6.7	0	6	9	27	34	14	9	0	0	0	0	0
09:00	59	47.2	39.5	7.5	0	0	4	10	20	13	9	1	1	1	0	0
10:00	61	45.6	37.3	8.1	0	1	6	17	19	7	6	3	0	0	0	0
11:00	58	44.4	37.2	6.9	0	0	6	17	15	14	4	1	1	0	0	0
12:00	77	43.7	37.8	5.7	0	0	3	23	26	16	8	1	0	0	0	0
13:00	65	47.8	39.4	8.3	1	1	3	8	22	15	11	3	1	0	0	0
14:00	46	44.8	37.2	7.3	0	0	4	14	15	9	2	2	1	0	1	0
15:00	63	43.0	37.2	5.7	0	0	2	23	22	10	4	2	0	0	0	0
16:00	73	46.3	39.0	7.1	0	0	5	17	17	19	8	4	1	0	0	0
17:00	43	46.8	39.0	7.5	0	1	2	7	16	8	6	3	0	0	0	0
18:00	37	46.3	38.4	7.6	0	0	4	11	11	10	2	1	0	0	0	0
19:00	25	47.7	38.9	8.4	0	0	2	7	7	3	4	0	2	0	0	0
20:00	17	48.9	41.3	7.4	0	0	0	3	3	2	2	0	0	0	0	0
21:00	5	40.8	34.0	6.5	0	0	1	2	1	1	0	0	0	0	0	0
22:00	1	-	-	-	0	0	0	1	0	0	0	0	0	0	0	0
23:00	3	42.7	37.5	5.0	0	0	0	1	1	1	0	0	0	0	0	0
Total																
2H(18-12)	119	45.0	37.2	7.5	0	1	12	34	34	21	13	2	1	1	0	0
2H(14-16)	199	43.8	37.2	6.4	0	0	6	37	37	19	6	3	0	1	0	0
12H(7-19)	770	46.6	39.1	7.3	1	3	45	159	239	184	86	39	10	4	0	0
24H(0-24)	860	46.9	39.3	7.4	1	3	51	176	262	199	102	46	12	5	0	0
AM Peak	08:00	04:00	03:00	06:00	00:00	10:00	08:00	10:00	07:00	08:00	08:00	07:00	07:00	06:00	00:00	00:00
	77	48.9	41.9	8.4	1	1	5	25	25	19	11	4	2	1	0	0
PM Peak	16:00	12:00	20:00	20:00	13:00	13:00	16:00	13:00	13:00	16:00	16:00	16:00	16:00	14:00	12:00	12:00
	77	48.9	41.9	8.4	1	1	5	25	25	19	11	4	2	1	0	0

360 TSL Ltd

Direction: Total Flow

Hour	Total Volume	ESD Percentile	Mean Average	Standard Deviation	Bin 1 10-19m	Bin 2 20-29m	Bin 3 30-39m	Bin 4 40-49m	Bin 5 50-59m	Bin 6 60-69m	Bin 7 70-79m	Bin 8 80-89m	Bin 9 90-99m	Bin 10 100-109m	Bin 11 110-119m	Bin 12 120-129m
00:00	3	51.1	35.2	11.5	0	0	0	2	0	0	0	1	0	0	0	0
01:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
02:00	2	56.0	45.0	10.6	0	0	0	0	0	0	0	1	0	0	0	0
03:00	2	53.7	50.0	9.5	0	0	0	0	0	0	1	1	0	0	0	0
04:00	4	53.2	40.6	12.3	0	0	1	0	0	1	0	1	0	0	0	0
05:00	13	49.8	41.2	8.3	0	0	1	3	1	2	5	1	0	0	0	0
06:00	13	50.4	46.2	8.8	0	0	5	4	8	5	4	5	0	0	0	0
07:00	120	49.6	40.8	8.5	0	1	9	14	32	14	11	13	5	1	0	0
08:00	167	48.4	39.6	8.6	1	0	21	22	36	46	22	18	0	1	0	0
09:00	102	47.9	39.0	8.6	0	0	11	71	29	19	14	7	4	2	0	0
10:00	104	43.9	36.3	7.4	0	1	13	32	32	13	11	1	0	1	0	0
11:00	100	42.5	35.4	7.8	0	1	22	31	26	16	9	1	2	0	0	0
12:00	140	44.6	36.9	7.5	0	1	20	37	32	30	16	4	0	0	0	0
13:00	139	45.1	36.3	8.5	1	2	25	25	35	23	16	5	1	0	0	0
14:00	126	42.9	33.6	9.0	1	2	40	31	26	15	6	3	0	2	0	0
15:00	123	42.6	34.8	7.5	0	2	26	36	29	20	7	3	0	0	0	0
16:00	188	45.2	36.3	8.6	0	0	45	43	36	34	18	8	4	0	0	0
17:00	156	44.0	35.3	8.4	0	2	36	42	37	17	13	7	2	0	0	0
18:00	140	43.9	35.9	7.6	0	0	26	44	38	20	8	4	0	0	0	0
19:00	80	44.6	35.2	9.1	0	1	22	21	14	7	11	2	2	0	0	0
20:00	38	45.6	36.1	9.2	0	1	7	12	5	7	3	2	1	0	0	0
21:00	24	46.1	33.0	6.8	0	0	7	10	0	4	1	0	0	0	0	0
22:00	16	35.4	30.3	4.9	0	0	6	9	0	1	0	0	0	0	0	0
23:00	12	42.0	34.4	7.4	0	0	3	4	2	2	1	0	0	0	0	0
Total																
2H(18-12)	212	43.7	35.8	7.6	0	2	35	63	58	29	20	2	2	1	0	0
2H(14-16)	249	42.8	34.2	8.3	1	4	66	67	55	35	13	6	0	2	0	0
2H(10-14)	464	42.7	34.4	8.3	3	12	204	188	108	88	53	21	7	24	0	0
2H(6-10)	1840	45.4	36.6	8.5	3	14	346	446	422	315	178	83	24	48	0	0
AMPH 24																
06:00	12:00	01:00	09:00		08:00	07:00	11:00	10:00	08:00	08:00	08:00	07:00	09:00	05:00	00:00	
07:00	16:00	05:00	12:15	5	1	5	22	32	36	46	22	18	5	2	0	0
PM PH 24	06:00	12:00	12:00	20:00	11:00	11:00	16:00	16:00	16:00	16:00	16:00	16:00	16:00	14:00	12:00	12:00
	18:00	04:00	04:00	04:00	04:00	04:00	04:00	04:00	04:00	04:00	04:00	04:00	04:00	04:00	04:00	04:00



North Wales ATC 18, B5381

Direction: Westbound

07/05/2022															
Hour Beginning	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-40	Bin 5 40-50	Bin 6 50-60	Bin 7 60-70	Bin 8 70-80	Bin 9 80-90	Bin 10 90-100	Bin 12 >100
00:00	5	46.3	34.5	11.4	0	0	2	1	0	3	0	0	0	0	0
01:00	1	-	47.5	-	0	0	0	0	0	0	1	0	0	0	0
02:00	2	34.2	28.8	5.3	0	0	1	1	0	0	0	0	0	0	0
03:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0
04:00	1	-	37.5	-	0	0	0	0	1	0	0	0	0	0	0
05:00	2	34.2	28.8	5.3	0	0	1	1	0	0	0	0	0	0	0
06:00	7	36.4	26.5	9.5	1	0	3	2	1	0	0	0	0	0	0
07:00	8	44.9	35.3	8.2	0	1	0	1	0	1	0	1	0	0	0
08:00	24	41.6	32.8	8.5	0	0	11	4	3	3	1	0	0	0	0
09:00	15	45.4	35.6	9.4	0	2	13	9	14	9	4	0	0	0	0
10:00	62	45.2	36.9	8.0	0	1	10	10	21	12	5	2	1	0	0
11:00	87	48.0	38.5	9.2	0	0	13	22	15	20	6	6	4	1	0
12:00	85	42.1	32.9	8.0	0	3	28	26	12	8	1	7	0	0	0
13:00	98	45.2	35.2	9.7	1	1	23	33	13	13	4	7	2	1	0
14:00	74	42.3	33.0	8.0	1	2	21	24	14	4	6	1	0	1	0
15:00	60	45.6	36.5	8.8	0	0	13	17	9	12	4	3	2	0	0
16:00	50	44.5	34.4	8.7	0	0	26	21	10	10	7	3	0	1	0
17:00	45	42.4	33.3	8.8	0	1	16	9	11	3	2	3	0	0	0
18:00	32	45.6	35.0	10.2	0	1	9	8	5	4	2	1	2	0	0
19:00	26	49.0	36.6	11.9	0	1	7	6	2	3	1	3	0	1	0
20:00	17	43.3	34.1	8.9	0	0	5	6	3	1	1	0	1	0	0
21:00	18	40.7	32.8	7.6	0	0	6	7	2	2	0	1	0	0	0
22:00	12	36.6	32.1	4.4	0	0	2	9	0	1	0	0	0	0	0
23:00	5	33.8	29.5	4.1	0	0	2	3	0	0	0	0	0	0	0
Total															
201616-12	149	46.9	37.8	8.8	0	1	23	32	36	32	11	8	5	1	0
201614-16	114	43.9	34.5	9.1	1	2	34	41	23	16	10	4	2	1	0
12047-19	710	44.7	35.1	9.3	3	12	183	194	132	98	45	36	13	4	0
24002-24	806	46.3	34.9	9.3	4	13	212	220	142	105	50	41	14	5	0
AM Peak															
11:00	11:00	01:00	01:00	06:00	09:00	09:00	11:00	10:00	11:00	11:00	11:00	11:00	11:00	00:00	00:00
87	48.0	47.5	11.4	1	2	13	22	21	20	6	6	4	1	0	0
PM Peak															
13:00	19:00	19:00	19:00	13:00	12:00	13:00	13:00	14:00	13:00	16:00	12:00	13:00	13:00	12:00	12:00
98	45.2	36.6	11.9	1	3	28	33	14	13	7	7	2	1	0	0

360 TSL Ltd

Direction: Eastbound

07/05/2022															
Hour Beginning	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-40	Bin 5 40-50	Bin 6 50-60	Bin 7 60-70	Bin 8 70-80	Bin 9 80-90	Bin 10 90-100	Bin 12 >100
00:00	4	48.6	38.8	9.5	0	0	0	2	1	0	0	1	0	0	0
01:00	2	48.7	45.0	9.5	0	0	0	0	0	1	0	1	0	0	0
02:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0
03:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0
04:00	2	40.4	31.3	8.8	0	0	1	0	1	0	0	0	0	0	0
05:00	1	44.3	31.3	12.3	0	1	1	1	1	0	1	0	0	0	0
06:00	9	51.4	43.1	8.1	0	0	0	2	1	7	3	0	1	0	0
07:00	24	44.1	37.5	6.4	0	0	2	8	3	9	2	0	0	0	0
08:00	18	47.5	39.7	7.5	0	1	9	9	14	1	3	0	0	0	0
09:00	50	46.3	39.5	6.6	0	0	2	9	17	15	4	1	2	0	0
10:00	53	43.8	37.4	6.2	0	0	5	12	19	12	4	1	0	0	0
11:00	76	44.0	37.6	6.2	0	0	6	19	24	20	5	2	0	0	0
12:00	50	44.9	38.0	6.7	0	0	5	9	19	10	5	2	0	0	0
13:00	48	47.3	38.8	8.2	0	4	9	15	16	1	2	0	0	1	0
14:00	56	47.1	39.0	7.8	0	0	5	11	17	11	9	2	0	1	0
15:00	58	45.6	37.9	7.4	0	2	7	14	18	12	6	1	0	0	0
16:00	51	48.2	39.2	8.7	0	0	5	13	12	8	8	3	1	1	0
17:00	60	46.3	39.1	8.8	0	0	3	12	24	12	7	5	0	0	0
18:00	51	45.6	38.1	7.2	0	0	4	14	16	8	6	2	1	0	0
19:00	34	46.7	39.8	6.7	0	0	1	7	11	8	5	1	1	0	0
20:00	16	48.5	40.2	8.0	0	1	4	3	4	2	0	3	0	0	0
21:00	9	41.5	34.7	6.5	0	0	2	2	3	2	0	0	0	0	0
22:00	5	58.4	46.0	11.9	0	0	0	1	0	1	0	1	0	0	0
23:00	2	70.2	53.8	15.9	0	0	0	0	0	1	0	0	0	1	0
Total															
201616-12	129	43.9	37.5	6.2	0	0	11	31	43	32	9	3	0	0	0
201614-16	114	46.3	38.5	7.5	0	2	7	25	35	23	18	3	0	1	0
12047-19	615	45.9	38.5	7.1	0	2	44	139	195	140	63	22	7	2	1
24002-24	703	46.3	38.6	7.4	0	3	50	158	216	159	77	36	9	4	1
AM Peak															
11:00	05:00	01:00	05:00	00:00	05:00	11:00	11:00	11:00	11:00	11:00	11:00	08:00	00:00	00:00	00:00
76	51.4	45.8	12.3	0	1	6	19	24	20	5	2	3	0	0	0
PM Peak															
13:00	21:00	19:00	23:00	13:00	15:00	13:00	15:00	17:00	13:00	14:00	17:00	16:00	13:00	17:00	12:00
60	70.2	53.8	15.9	0	2	5	16	21	16	9	6	1	1	1	0

360 TSL Ltd

Direction: Total Flow

07/05/2022															
Hour Beginning	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-40	Bin 5 40-50	Bin 6 50-60	Bin 7 60-70	Bin 8 70-80	Bin 9 80-90	Bin 10 90-100	Bin 12 >100
00:00	9	46.9	36.4	10.2	0	0	2	3	2	0	0	2	0	0	0
01:00	3	48.8	43.8	2.9	0	0	0	0	0	1	2	0	0	0	0
02:00	2	34.2	28.8	5.3	0	0	1	1	0	0	0	0	0	0	0
03:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0
04:00	3	40.8	31.3	7.7	0	0	0	1	0	2	0	0	0	0	0
05:00	7	41.5	30.7	10.4	0	1	2	2	1	0	0	1	0	0	0
06:00	16	48.2	35.8	12.0	1	0	3	4	2	3	0	1	0	0	0
07:00	32	46.3	37.0	7.1	0	1	2	8	8	9	3	0	0	0	0
08:00	62	45.9	37.0	8.6	0	0	12	18	17	10	6	1	3	0	0
09:00	205	46.2	37.5	8.4	0	2	15	18	31	24	4	3	0	0	0
10:00	115	44.6	37.1	7.2	0	1	15	22	40	24	9	3	1	0	0
11:00	169	46.3	38.1	7.9	0	0	19	41	39	40	11	8	0	0	0
12:00	135	43.5	34.8	8.5	0	3	33	35	31	18	6	9	0	0	0
13:00	146	46.1	36.3	8.6	1	1	27	42	28	28	5	9	0	0	0
14:00	150	44.9	35.6	9.0	1	2	26	35	31	15	15	3	0	2	0
15:00	118	45.6	37.2	8.1	0	2	15	31	27	24	13	4	2	0	0
16:00	131	46.3	36.3	9.6	1	0	31	34	22	18	15	6	2	2	0
17:00	105	45.2	36.7	8.2	0	1	19	21	32	15	9	8	0	0	0
18:00	83	45.8	36.9	8.6	0	1	13	22	21	13	8	3	0	0	0
19:00	60	48.1	38.4	9.4	0	1	8	13	13	11	8	4	1	1	0
20:00	33	46.3	37.0	8.9	0	0	6	10	6	4	4	2	1	0	0
21:00	27	40.9	33.4	7.2	0	0	8	9	4	9	1	0	0	0	0
22:00	17	46.1	36.2	9.6	0	0	2	10	0	3	1	0	0	1	0



North Wales ATC 18, B5381

Direction: Westbound																08/05/2022
Hour	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-40	Bin 5 40-50	Bin 6 50-60	Bin 7 60-70	Bin 8 70-80	Bin 9 80-90	Bin 10 90-100	Bin 11 100-110	Bin 12 >110
00:00	3	34.3	30.9	4.3	0	0	1	2	0	0	0	0	0	0	0	0
01:00	2	34.2	28.8	5.3	0	0	1	1	0	0	0	0	0	0	0	0
02:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
03:00	1	-	57.5	-	0	0	0	0	0	0	0	0	0	1	0	0
04:00	1	-	32.5	-	0	0	0	1	0	0	0	0	0	0	0	0
05:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
06:00	4	30.8	26.9	3.8	0	0	3	1	0	0	0	0	0	0	0	0
07:00	11	41.3	33.0	8.0	0	0	4	4	0	2	1	0	0	0	0	0
08:00	12	47.2	39.2	7.8	0	0	0	5	3	1	1	2	0	0	0	0
09:00	25	48.8	36.8	10.8	1	0	3	9	1	3	3	1	0	0	0	0
10:00	57	48.2	37.4	10.4	0	4	8	10	8	13	9	4	1	0	0	0
11:00	61	43.5	33.9	9.3	1	0	19	19	8	5	4	5	0	0	0	0
12:00	62	41.8	33.4	8.1	1	0	16	23	13	4	2	2	1	0	0	0
13:00	50	40.3	31.7	8.3	0	0	26	8	7	5	3	0	0	0	0	0
14:00	49	46.7	34.4	11.8	1	1	16	12	7	8	1	1	0	3	0	0
15:00	54	49.8	37.5	11.8	0	0	14	11	10	9	5	1	1	1	2	0
16:00	57	44.1	34.3	9.4	0	0	19	17	9	3	4	4	0	0	1	0
17:00	35	43.6	35.1	8.2	0	0	7	7	1	4	4	2	0	0	0	0
18:00	25	40.6	32.7	7.7	0	0	10	6	4	3	2	0	0	0	0	0
19:00	23	45.0	35.5	9.2	0	0	6	6	6	1	2	1	1	0	0	0
20:00	21	44.3	34.8	9.2	0	0	7	5	3	3	1	2	0	0	0	0
21:00	10	37.1	31.8	5.1	0	0	3	4	3	0	0	0	0	0	0	0
22:00	4	41.2	36.3	4.8	0	0	0	2	1	1	0	0	0	0	0	0
23:00	4	38.4	29.4	8.8	0	0	3	0	0	1	0	0	0	0	0	0
Total																
2H(10-12)	118	45.9	35.6	9.9	1	4	27	29	16	18	13	9	1	0	0	0
2H(14-16)	103	48.4	36.1	11.9	1	1	30	23	15	17	6	3	1	4	2	0
12H(7-19)	668	44.9	34.8	9.8	4	5	142	143	71	60	39	24	5	5	2	0
24H(0-24)	571	44.6	34.7	9.6	4	5	166	163	84	66	42	27	7	5	2	0
AM Peak	11:00	10:00	03:00	09:00	09:00	10:00	11:00	11:00	10:00	10:00	10:00	11:00	03:00	00:00	00:00	00:00
	61	48.2	57.5	10.8	1	4	19	19	8	13	9	5	1	0	0	0
PM Peak	12:00	15:00	15:00	14:00	12:00	14:00	13:00	12:00	12:00	15:00	15:00	16:00	12:00	14:00	15:00	12:00
	62	49.8	37.5	11.8	1	1	26	23	13	8	5	4	1	3	2	0

360 TSL Ltd

Direction: Eastbound																
Hour Beginning	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-40	Bin 5 40-50	Bin 6 50-60	Bin 7 60-70	Bin 8 70-80	Bin 9 80-90	Bin 10 90-100	Bin 11 100-110	Bin 12 >110
00:00	2	63.3	45.0	17.7	0	0	0	1	0	0	0	0	1	0	0	0
01:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
02:00	1	-	32.5	-	0	0	0	1	0	0	0	0	0	0	0	0
03:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
04:00	2	49.8	42.5	7.1	0	0	0	0	1	1	1	0	0	0	0	0
05:00	7	45.2	38.2	6.7	0	0	0	2	4	0	0	0	0	0	0	0
06:00	6	46.7	37.9	7.3	0	0	1	0	0	3	1	1	0	0	0	0
07:00	20	47.6	41.8	5.7	0	0	0	2	6	7	3	2	0	0	0	0
08:00	20	43.0	38.0	4.8	0	0	0	5	10	4	0	1	0	0	0	0
09:00	49	44.8	37.7	6.8	0	0	4	13	16	11	1	4	0	0	0	0
10:00	71	46.5	38.8	7.5	0	0	8	9	23	21	6	3	0	0	0	0
11:00	72	46.4	37.5	7.7	0	1	5	21	24	11	7	1	1	1	0	0
12:00	73	44.3	37.9	6.2	0	0	5	18	26	13	10	1	0	0	0	0
13:00	64	53.5	40.6	12.5	0	0	6	12	21	15	1	2	0	1	2	0
14:00	63	45.5	38.7	6.6	0	0	5	9	26	13	8	1	1	0	0	0
15:00	76	44.1	37.0	6.8	0	0	9	20	24	14	5	3	0	0	0	0
16:00	59	48.8	41.7	6.9	0	0	1	8	16	17	12	3	1	1	0	0
17:00	55	40.5	40.9	8.3	0	0	4	5	21	9	10	2	1	0	0	0
18:00	46	50.3	40.5	9.4	0	0	3	11	12	9	7	4	4	1	0	0
19:00	30	46.7	39.8	6.6	0	0	2	5	6	11	5	1	0	0	0	0
20:00	13	45.1	37.5	7.4	0	0	0	6	6	1	0	1	0	0	0	0
21:00	17	49.6	42.1	7.3	0	0	1	2	2	6	4	2	0	0	0	0
22:00	4	41.7	37.5	4.1	0	0	0	0	1	2	1	0	0	0	0	0
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total																
2H(10-12)	143	46.0	38.1	7.6	0	1	13	30	47	32	13	4	1	2	0	0
2H(14-16)	139	44.7	37.8	6.7	0	0	14	29	50	27	14	4	1	0	0	0
12H(7-19)	668	47.3	39.0	8.0	0	1	50	133	225	144	68	27	10	6	2	2
24H(0-24)	750	47.3	39.1	7.9	0	1	54	151	248	161	80	31	12	6	2	2
AM Peak	11:00	10:00	00:00	00:00	00:00	11:00	10:00	11:00	11:00	10:00	11:00	09:00	00:00	10:00	00:00	00:00
	72	49.3	45.8	17.7	0	1	8	21	24	21	7	4	1	1	0	0
PM Peak	15:00	12:00	21:00	12:00	12:00	15:00	12:00	15:00	12:00	16:00	16:00	18:00	18:00	13:00	13:00	15:00
	76	53.5	42.1	12.5	0	0	9	20	26	17	12	4	4	1	2	2

360 TSL Ltd

Direction: Total Flow																
Hour Beginning	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-40	Bin 5 40-50	Bin 6 50-60	Bin 7 60-70	Bin 8 70-80	Bin 9 80-90	Bin 10 90-100	Bin 11 100-110	Bin 12 >110
00:00	5	48.9	36.0	12.4	0	0	1	3	0	0	0	0	1	0	0	0
01:00	2	34.2	28.8	5.3	0	0	1	1	0	0	0	0	0	0	0	0
02:00	1	-	32.5	-	0	0	0	1	0	0	0	0	0	0	0	0
03:00	1	-	57.5	-	0	0	0	0	0	0	0	0	1	0	0	0
04:00	3	47.1	39.2	7.6	0	0	0	1	1	0	1	0	0	0	0	0
05:00	7	45.2	38.2	6.7	0	0	0	2	4	0	0	1	0	0	0	0
06:00	10	42.1	33.5	8.3	0	0	4	6	1	3	1	0	0	0	0	0
07:00	31	46.7	38.6	7.8	0	0	4	6	6	9	4	2	0	0	0	0
08:00	32	44.7	38.4	6.0	0	0	0	10	13	5	1	3	0	0	0	0
09:00	74	46.0	37.4	8.3	1	0	7	22	19	14	4	6	1	0	0	0
10:00	128	47.4	38.2	8.9	0	4	16	19	31	34	15	7	1	1	0	0
11:00	159	44.7	35.8	8.6	1	1	24	40	31	16	11	6	1	0	0	0
12:00	155	43.6	35.8	7.5	1	0	21	41	39	17	12	3	1	0	0	0
13:00	114	48.8	40.7	11.7	0	0	32	26	28	20	6	2	1	1	0	0
14:00	112	46.6	36.8	9.4	1	1	21	21	31	21	9	3	1	3	0	0
15:00	130	48.8	37.2	9.2	0	0	23	35	34	23	11	4	1	1	2	0
16:00	116	47.4	38.1	8.0	0	0	20	20	25	20	16	7	2	0	0	0
17:00	90	47.7	38.7	8.7	0	0	11	22	22	13	14	4	3	1	0	0
18:00	71	47.7	37.8	9.6	0	0	13	17	16	13	4	4	4	0	0	0
19:00	53	46.3	38.0	8.0	0	0	8	11	12	12	7	2	1	0	0	0
20:00	34	44.6	35.8	8.5	0	0	7	11	8	3	2	2	1	0	0	0
21:00	27	46.8	38.2	8.2	0	0	4	6	5	6	2	0	0	0	0	0
22:00	8	41.2	36.9	4.2	0	0	0	3	3	2	0	0	0	0	0	0
23:00	4	38.4	29.4	8.8	0	0	3	0	0	1	0	0	0	0	0	0
Total																
2H(10-12)	261	46.1	37.0	8.8	1	5	40	59	63	50	26	13	2	2	0	0
2H(13-15)	166	46.6	37.2	9.0	1	4	39	27	24	26	10	5	1	1	1	0
2H(16-18)	111	46.5	37.2	8.9	1	4	22	34	33	29	12	5	1	1	1	0
Ave Peak	132	46.0	37.0	8.0	0	0	22	34	33	29	12	5	1	1	1	0
10:00	100	45.0	35.0	6.0	0	0	0	10	11	5	1	2	0	0	0	0
11:00	120	43.0	33.0	5.0	0	0	0	10	10	5	1	1	0	0	0	0
12:00	130	43.0	33.0	5.0	0	0	0	10	10	5	1	1	0	0	0	0
13:00	140	43.0	33.0	5.0	0	0	0	10	10	5	1	1	0	0	0	0
14:00	150	43.0	33.0	5.0	0	0	0	10	10	5	1	1	0	0	0	0
15:00	160	43.0	33.0	5.0	0	0	0	10	10	5	1	1	0	0	0	0
16:00	170	43.0	33.0	5.0	0	0	0	10	10	5	1	1	0	0	0	0
17:00	180	43.0	33.0	5.0	0	0	0	10	10	5	1	1	0	0	0	0
18:00	190	43.0	33.0	5.0	0	0	0	10	10	5	1	1	0	0	0	0
19:00	200	43.0	33.0	5.0	0	0	0	10	10	5	1	1	0	0	0	0
20:00	210	43.0	33.0	5.0	0	0	0	10	10	5	1	1	0	0	0	0
21:00	220	43.0	33.0	5.0	0	0	0	10	10	5	1	1	0	0	0	0
22:00	230	43.0	33.0	5.0	0	0	0	10	10	5	1	1	0	0	0	0
23:00	240	43.0	33.0	5.0	0	0	0	10	10	5	1	1	0	0	0	0
Total	135	48.8	39.7	11.7	3	3	32	41	39	23	16	7	4	3	2	0



North Wales ATC 18, B5381

Direction: Westbound

09/05/2022																
Hour Beginning	Total Volume	ESD Percentile	Mean Average	Standard Deviation	Bin 1 25-30m	Bin 2 30-35m	Bin 3 35-40m	Bin 4 40-45m	Bin 5 45-50m	Bin 6 50-55m	Bin 7 55-60m	Bin 8 60-65m	Bin 9 65-70m	Bin 10 70-75m	Bin 11 75-80m	Bin 12 80-85m
00:00	2	46.4	31.5	8.8	0	0	1	2	0	0	0	0	0	0	0	0
01:00	3	34.5	30.0	4.3	0	0	1	2	0	0	0	0	0	0	0	0
02:00	2	32.5	0.0	0	0	0	2	0	0	0	0	0	0	0	0	0
03:00	1	-	32.5	-	0	0	0	1	0	0	0	0	0	0	0	0
04:00	3	32.0	27.5	4.3	0	0	2	1	0	0	0	0	0	0	0	0
05:00	4	33.2	28.8	4.3	0	0	2	2	0	0	0	0	0	0	0	0
06:00	14	41.8	34.1	7.4	0	0	3	7	1	1	2	0	0	0	0	0
07:00	26	46.0	36.4	8.2	0	0	7	5	1	1	4	2	0	0	0	0
08:00	60	46.4	35.6	10.4	0	0	22	9	9	9	5	3	2	1	0	0
09:00	47	46.3	36.2	9.8	0	1	11	12	6	7	1	4	1	0	0	0
10:00	37	39.6	32.2	7.1	0	0	15	10	6	4	2	0	0	0	0	0
11:00	65	42.9	33.8	8.8	0	1	21	19	8	8	5	2	1	0	0	0
12:00	49	46.2	35.9	10.0	0	1	14	7	13	2	10	1	0	1	0	0
13:00	38	41.4	33.2	7.9	0	1	12	8	10	4	3	0	0	0	0	0
14:00	70	44.7	34.8	8.6	0	0	23	18	12	7	4	3	2	1	0	0
15:00	72	44.9	34.7	9.8	0	1	23	16	14	8	5	3	0	2	0	0
16:00	91	47.1	36.5	10.1	0	1	21	28	9	12	9	5	0	0	0	0
17:00	110	45.6	37.1	8.2	0	0	17	37	16	20	12	6	2	0	0	0
18:00	49	42.8	34.5	8.1	0	0	13	16	9	7	1	2	1	0	0	0
19:00	38	47.5	37.2	9.9	0	0	7	13	6	4	3	1	1	0	0	0
20:00	20	44.8	34.1	10.3	0	0	9	4	1	0	5	1	0	0	0	0
21:00	19	40.1	32.4	7.4	0	0	7	7	2	1	2	0	0	0	0	0
22:00	8	43.8	32.8	10.6	0	0	3	4	0	0	0	0	1	0	0	0
23:00	4	46.0	33.3	14.2	0	1	1	0	1	0	1	0	0	0	0	0
Total																
2H(18-19)	102	41.7	33.2	8.2	0	1	36	29	14	12	7	2	1	0	0	0
2H(14-16)	142	44.8	34.8	9.7	0	1	46	34	26	15	9	6	2	3	0	0
12H(7-19)	1449	45.3	35.3	9.2	0	6	299	185	117	91	68	28	14	6	0	0
24H(0-24)	182	44.7	35.2	9.2	0	7	235	228	129	97	81	32	16	7	0	0
AM Peak	11:00	08:00	07:00	08:00	00:00	09:00	08:00	11:00	08:00	08:00	09:00	08:00	08:00	08:00	00:00	00:00
	65	46.4	36.4	10.4	0	1	22	19	9	9	8	3	2	1	0	0
PM Peak	17:00	19:00	19:00	23:00	12:00	12:00	14:00	17:00	17:00	17:00	17:00	17:00	16:00	15:00	12:00	12:00
	110	45.5	37.2	14.2	0	1	23	37	16	20	12	6	0	2	0	0

360 TSL Ltd

Direction: Eastbound

Hour Beginning	Total Volume	ESD Percentile	Mean Average	Standard Deviation	Bin 1 25-30m	Bin 2 30-35m	Bin 3 35-40m	Bin 4 40-45m	Bin 5 45-50m	Bin 6 50-55m	Bin 7 55-60m	Bin 8 60-65m	Bin 9 65-70m	Bin 10 70-75m	Bin 11 75-80m	Bin 12 80-85m
00:00	1	-	25.0	-	0	0	1	0	0	0	0	0	0	0	0	0
01:00	2	44.8	37.5	7.1	0	0	0	1	0	0	0	0	0	0	0	0
02:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
04:00	1	-	32.5	-	0	0	0	1	0	0	0	0	0	0	0	0
05:00	9	34.8	44.9	10.5	0	0	0	1	4	1	0	2	0	1	0	0
06:00	29	51.5	44.1	7.1	0	0	0	1	7	12	3	4	1	1	0	0
07:00	97	49.0	37.1	11.4	0	12	11	7	21	24	13	7	1	1	0	0
08:00	123	46.1	38.5	7.3	0	0	10	30	37	22	16	6	2	0	0	0
09:00	71	44.9	37.2	7.4	0	0	9	17	22	16	4	2	0	1	0	0
10:00	55	42.4	36.7	5.5	0	3	19	20	8	1	0	0	0	0	0	0
11:00	49	46.1	39.4	6.4	0	0	3	7	16	17	2	4	0	0	0	0
12:00	54	43.7	37.8	5.8	0	0	2	16	19	12	3	2	0	0	0	0
13:00	71	46.8	39.4	7.2	0	0	5	13	22	17	8	5	1	0	0	0
14:00	49	45.0	38.3	6.5	0	0	2	13	19	7	6	1	1	0	0	0
15:00	51	46.3	40.1	5.9	0	0	2	7	25	15	10	1	0	0	0	0
16:00	65	49.4	41.1	8.1	0	1	4	5	19	16	12	6	2	0	0	0
17:00	58	49.1	40.2	8.6	0	0	3	14	17	15	10	3	0	0	0	0
18:00	48	47.8	38.8	8.6	0	0	6	10	12	9	8	1	1	1	0	0
19:00	19	47.3	40.3	6.8	0	0	1	3	5	5	4	1	0	0	0	0
20:00	5	38.3	35.5	2.7	0	0	0	2	3	0	0	0	0	0	0	0
21:00	14	44.9	34.8	9.7	0	0	3	8	0	1	0	1	1	0	0	0
22:00	4	50.1	41.3	8.5	0	0	0	1	1	1	0	1	0	0	0	0
23:00	2	46.6	33.8	12.4	0	0	1	0	0	1	0	0	0	0	0	0
Total																
2H(18-19)	104	44.3	38.0	6.1	0	0	6	26	36	25	7	4	0	0	0	0
2H(14-16)	100	45.7	39.3	6.2	0	0	4	20	34	23	16	2	1	0	0	0
12H(7-19)	801	46.8	38.6	7.9	0	13	62	158	239	179	97	38	10	5	0	0
24H(0-24)	887	47.1	38.8	8.0	0	13	68	176	259	201	104	47	12	7	0	0
AM Peak	08:00	05:00	06:00	07:00	00:00	07:00	07:00	08:00	08:00	07:00	08:00	07:00	08:00	05:00	00:00	00:00
	121	54.8	44.1	11.4	0	12	11	30	37	24	16	7	2	1	0	0
PM Peak	13:00	22:00	23:00	23:00	12:00	16:00	18:00	12:00	13:00	13:00	16:00	16:00	16:00	17:00	12:00	12:00
	73	58.1	45.9	12.4	0	1	6	16	22	17	12	6	2	2	0	0

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	ESD Percentile	Mean Average	Standard Deviation	Bin 1 25-30m	Bin 2 30-35m	Bin 3 35-40m	Bin 4 40-45m	Bin 5 45-50m	Bin 6 50-55m	Bin 7 55-60m	Bin 8 60-65m	Bin 9 65-70m	Bin 10 70-75m	Bin 11 75-80m	Bin 12 80-85m
00:00	3	38.6	29.2	7.2	0	0	2	0	1	0	0	0	0	0	0	0
01:00	5	39.5	33.0	6.2	0	0	1	3	0	1	0	0	0	0	0	0
02:00	2	32.5	0.0	0	0	0	0	2	0	0	0	0	0	0	0	0
03:00	1	-	32.5	-	0	0	0	1	0	0	0	0	0	0	0	0
04:00	4	33.2	28.8	4.3	0	0	2	2	0	0	0	0	0	0	0	0
05:00	13	51.1	39.2	11.5	0	0	2	3	4	1	0	2	0	1	0	0
06:00	43	49.7	40.9	8.5	0	0	3	8	8	13	5	4	0	0	0	0
07:00	123	46.3	37.0	11.0	0	12	18	12	26	27	17	9	1	1	0	0
08:00	183	46.4	37.6	8.5	0	0	32	39	46	31	21	9	4	1	0	0
09:00	118	45.5	36.8	8.4	0	1	20	29	28	23	12	3	0	2	0	0
10:00	92	41.7	34.9	6.6	0	0	18	29	26	12	7	0	0	0	0	0
11:00	114	44.8	36.2	8.9	0	1	24	26	24	25	7	6	1	0	0	0
12:00	103	45.2	36.9	8.1	0	1	16	23	32	14	13	3	0	1	0	0
13:00	109	45.5	37.2	8.0	0	1	17	21	32	24	11	5	1	0	0	0
14:00	119	45.1	36.2	8.6	0	0	20	31	31	14	10	4	3	1	0	0
15:00	123	46.1	37.0	8.8	0	1	25	23	29	24	15	4	0	2	0	0
16:00	156	48.4	38.5	9.5	0	2	25	29	33	28	21	8	0	0	0	0
17:00	178	47.1	38.3	8.5	0	0	22	51	33	35	22	9	4	2	0	0
18:00	97	45.5	36.6	8.6	0	0	19	26	21	16	8	3	0	0	0	0
19:00	57	47.6	38.2	9.1	0	0	8	16	11	9	7	4	1	1	0	0
20:00	25	44.0	34.4	9.2	0	0	9	6	4	0	5	1	0	0	0	0
21:00	33	42.1	33.4	8.4	0	0	10	10	10	2	1	1	0	0	0	0
22:00	12	46.5	35.6	10.5	0	0	3	5	1	1	0	1	1	0	0	0
23:00	6	44.9	32.1	12.4	0	1	2	0	1	1	1	0	0	0	0	0
Total																
2H(18-19)	206	43.5	35.6	7.6	0	1	42	55	50	37	14	6	1	0	0	0
2H(14-16)	242	45.4	36.6	8.7	0	1	50	54	60	38	25	8	3	3	0	0</



North Wales ATC 18, B5381

Direction: Westbound

10/05/2022																
Hour Beginning	Total Volume	B538 Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-40	Bin 5 40-50	Bin 6 50-60	Bin 7 60-70	Bin 8 70-80	Bin 9 80-90	Bin 10 90-99	Bin 11 100-119	Bin 12 >120
00:00	1	-	37.5	-	0	0	0	0	1	0	0	0	0	0	0	0
01:00	1	-	42.5	-	0	0	0	0	0	1	0	0	0	0	0	0
02:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
03:00	1	-	42.5	-	0	0	0	0	0	1	0	0	0	0	0	0
04:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
05:00	8	44.1	35.9	7.9	0	0	1	3	3	0	0	1	0	0	0	0
06:00	11	43.3	35.9	7.1	0	0	1	5	3	1	0	1	0	0	0	0
07:00	25	45.2	36.8	8.1	0	0	5	5	5	1	0	1	0	0	0	0
08:00	64	45.5	36.1	9.1	1	0	12	17	14	12	4	3	0	1	0	0
09:00	61	46.0	37.3	11.3	0	0	14	14	13	11	5	2	0	2	2	0
10:00	46	43.1	34.0	8.8	0	1	13	11	14	3	2	1	0	1	0	0
11:00	56	40.1	32.4	7.5	0	1	20	15	12	5	2	1	0	0	0	0
12:00	59	41.6	33.3	8.0	0	0	22	14	10	7	5	1	0	0	0	0
13:00	48	42.1	33.8	8.0	0	0	16	13	8	7	3	0	1	0	0	0
14:00	51	42.0	32.6	9.1	1	1	18	14	4	8	4	1	0	0	0	0
15:00	56	45.0	35.9	9.3	0	0	14	16	10	6	6	2	1	1	0	0
16:00	60	46.0	36.0	9.6	1	0	14	20	9	19	12	5	0	0	0	0
17:00	125	46.4	36.6	9.4	0	1	31	25	19	29	11	7	1	0	1	0
18:00	58	43.0	34.9	7.8	0	0	14	19	10	9	3	3	0	0	0	0
19:00	31	41.8	31.0	10.4	3	0	9	8	6	2	3	0	0	0	0	0
20:00	21	41.8	33.5	8.0	0	0	6	8	5	0	1	0	1	0	0	0
21:00	15	45.3	36.6	8.4	0	0	3	11	4	4	0	2	1	0	0	0
22:00	10	44.4	32.8	11.2	0	0	5	3	0	0	1	0	1	0	0	0
23:00	4	42.2	33.1	13.6	0	1	0	1	1	0	0	1	0	0	0	0
Total																
201610-12	102	41.5	33.1	8.1	0	2	33	26	26	8	4	2	0	1	0	0
201614-16	107	44.0	34.3	9.3	1	1	32	30	14	14	10	3	1	1	0	0
120167-19	722	44.9	35.4	9.1	3	4	193	183	138	124	58	24	7	5	3	0
240169-24	845	44.7	35.2	9.2	4	5	218	222	151	133	64	28	10	5	3	0
AM Peak	08:00	09:00	01:00	09:00	08:00	10:00	11:00	11:00	08:00	08:00	08:00	07:00	09:00	09:00	09:00	00:00
	64	48.8	42.5	11.3	1	1	28	17	14	12	5	3	1	2	2	0
PM Peak	17:00	16:00	16:00	23:00	19:00	14:00	17:00	17:00	17:00	17:00	16:00	17:00	16:00	15:00	17:00	12:00
	125	48.0	38.0	13.6	3	1	31	23	15	29	12	7	3	1	1	0

360 TSL Ltd

Direction: Eastbound

10/05/2022																
Hour Beginning	Total Volume	B5381 Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-40	Bin 5 40-50	Bin 6 50-60	Bin 7 60-70	Bin 8 70-80	Bin 9 80-90	Bin 10 90-99	Bin 11 100-119	Bin 12 >120
00:00	1	-	32.5	-	0	0	0	1	0	0	0	0	0	0	0	0
01:00	2	38.7	35.0	3.5	0	0	0	0	1	1	0	0	0	0	0	0
02:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
04:00	3	42.2	39.2	2.9	0	0	0	0	0	2	1	0	0	0	0	0
05:00	12	55.6	42.7	12.4	0	0	1	2	3	1	0	1	2	0	0	0
06:00	26	51.3	43.6	7.5	0	0	0	0	7	13	4	0	0	0	1	0
07:00	89	50.8	42.7	7.6	0	0	3	9	9	20	27	15	10	4	1	0
08:00	119	46.4	40.0	6.2	0	4	16	43	32	20	3	0	1	0	0	0
09:00	67	42.6	35.9	6.5	0	0	9	23	18	10	7	0	0	0	0	0
10:00	61	46.6	38.9	7.5	0	0	7	8	19	18	4	4	0	0	0	0
11:00	50	45.7	37.5	7.9	0	0	8	9	17	6	8	1	1	0	0	0
12:00	45	50.7	42.2	9.1	0	1	0	8	12	12	5	1	0	1	1	0
13:00	72	47.2	38.3	8.6	0	11	11	15	18	10	13	2	3	0	0	0
14:00	63	42.9	36.0	6.7	0	0	10	18	17	12	6	0	0	0	0	0
15:00	64	47.4	40.9	6.2	0	1	8	19	24	8	3	0	1	0	0	0
16:00	65	44.8	37.6	6.9	0	0	7	16	18	16	5	3	0	0	0	0
17:00	75	46.4	38.8	7.3	0	0	6	17	22	14	10	6	0	0	0	0
18:00	34	46.1	40.4	5.6	0	0	1	18	7	5	2	0	0	0	0	0
19:00	20	43.4	36.9	6.3	0	1	0	4	9	6	0	0	0	0	0	0
20:00	7	46.9	38.6	7.0	0	0	0	2	2	0	1	0	0	0	0	0
21:00	10	43.9	36.8	6.9	0	0	0	1	3	4	0	2	0	0	0	0
22:00	5	46.4	40.5	5.7	0	0	0	0	0	1	2	1	0	0	0	0
23:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
Total																
201610-12	111	46.2	38.2	7.6	0	0	0	15	17	36	24	12	5	2	0	0
201614-16	127	45.6	38.5	6.9	0	0	0	11	26	36	36	14	3	0	1	0
120167-19	804	46.8	39.1	7.4	0	1	67	148	241	188	130	35	9	4	1	0
240169-24	890	47.0	39.2	7.5	0	2	60	162	270	215	117	38	9	6	2	0
AM Peak	08:00	05:00	06:00	05:00	00:00	00:00	09:00	09:00	08:00	08:00	08:00	07:00	07:00	05:00	06:00	00:00
	119	55.6	43.6	12.4	0	0	9	23	43	32	20	3	0	4	2	0
PM Peak	17:00	12:00	12:00	12:00	12:00	12:00	13:00	14:00	17:00	15:00	13:00	17:00	13:00	12:00	12:00	12:00
	75	58.7	45.2	9.1	0	1	11	18	22	24	13	6	3	1	1	0

360 TSL Ltd

Direction: Total Flow

Hour	Total Volume	B5381 Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-40	Bin 5 40-50	Bin 6 50-60	Bin 7 60-70	Bin 8 70-80	Bin 9 80-90	Bin 10 90-99	Bin 11 100-119	Bin 12 >120
00:00	2	38.7	35.0	3.5	0	0	0	1	1	0	0	0	0	0	0	0
01:00	3	42.7	37.5	5.0	0	0	0	1	1	1	0	0	0	0	0	0
02:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
03:00	1	-	42.5	-	0	0	0	0	0	1	0	0	0	0	0	0
04:00	3	42.2	39.2	2.9	0	0	0	0	0	2	1	0	0	0	0	0
05:00	20	51.5	40.0	11.1	0	0	2	5	6	3	0	2	0	2	0	0
06:00	17	48.7	41.3	8.1	0	0	1	5	10	14	4	2	0	0	0	0
07:00	114	46.7	41.4	8.1	0	0	8	14	25	35	16	10	5	1	0	0
08:00	183	46.5	38.7	7.5	1	0	16	33	57	44	24	6	0	2	0	0
09:00	138	46.0	36.6	9.1	0	0	23	37	51	32	9	0	2	2	0	0
10:00	107	45.4	36.8	8.4	0	1	20	19	33	21	6	5	1	1	0	0
11:00	106	45.1	34.8	8.2	0	1	28	24	29	11	10	2	1	0	0	0
12:00	104	46.4	36.8	9.3	0	1	22	22	22	19	14	2	0	1	1	0
13:00	120	45.4	36.5	8.6	0	0	27	28	26	17	16	2	0	0	0	0
14:00	114	42.7	34.5	8.0	1	1	28	32	21	20	10	1	0	0	0	0
15:00	120	47.1	38.6	8.2	0	0	15	24	29	30	14	5	1	2	0	0
16:00	148	46.7	37.9	8.5	1	0	21	36	27	35	17	8	3	0	0	0
17:00	200	46.5	37.4	8.8	0	1	37	42	41	43	21	13	1	0	1	0
18:00	92	44.7	36.9	7.5	0	0	15	26	28	16	13	5	1	0	0	0
19:00	51	43.1	33.3	9.4	3	1	9	12	15	8	3	0	0	0	0	0
20:00	28	43.4	35.0	8.1	0	0	6	10	7	2	1	1	1	0	0	0
21:00	35	44.8	36.6	7.9	0	0	4	14	8	2	2	1	0	0	0	0
22:00	15	45.9	35.3	10.2	0	0	5	4	1	2	2	0	1	0	0	0
23:00	4	42.2	33.1	11.6	0	1	0	1	1	1	0	0	0	0	0	0
Total	231	44.3	35.8	8.3	0	2	48	43	62	32	16	7	2	1	0	0
2PM-3:15	214	44.2	36.6	8.3	1	1	43	56	50	50	24	6	1	2	0	0
3:15-4:30	166	43.1	37.3	8.5	0	4	26	31	38	32	18	8	1	1	0	0
4:30-5:45	175	44.1	37.3	8.6	0	6	27	38	34	41	34	18	6	3	1	0
Avg	180	45.0	35.0	6.0	0	10	10	10	10	10	10	10	10	10	10	10
18:00	112	51.5	41.1	11.1	0	0	17	17	17	17	17	17	17	17	17	17
19:00	120	51.5	41.1	11.1	0	0	17	17	17	17	17	17	17	17	17	17
20:00	120	51.5	41.1	11.1	0	0	17	17	17	17	17	17	17	17	17	17
21:00	120	51.5	41.1	11.1	0	0	17	17	17	17	17	17	17	17	17	17
22:00	120	51.5	41.1	11.1	0	0	17	17	17	17	17	17	17	17	17	17
23:00	120	51.5	41.1	11.1	0	0	17	17	17	17	17	17	17	17	17	17
PM Avg	120	49.2	39.6	10.6	0	0	17	17	17	17	17	17	17	17	17	17



North Wales ATC 18, B5381

Direction: Westbound

11/05/2022																
Hour Beginning	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-35	Bin 5 35-40	Bin 6 40-45	Bin 7 45-50	Bin 8 50-55	Bin 9 55-60	Bin 10 60-70	Bin 11 70-80	Bin 12 >80
00:00	2	38.7	32.8	5.5	0	0	0	0	0	1	0	0	0	0	0	0
01:00	2	51.0	40.0	10.6	0	0	0	0	0	1	0	0	0	0	0	0
02:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
03:00	1	-	37.5	-	0	0	0	0	0	1	0	0	0	0	0	0
04:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
05:00	2	34.2	28.8	5.3	0	0	1	1	0	0	0	0	0	0	0	2
06:00	11	41.9	33.4	8.2	0	0	4	3	1	2	1	0	0	0	0	0
07:00	12	40.7	33.5	6.9	0	0	7	5	5	5	0	0	0	0	0	0
08:00	70	47.4	37.3	9.8	0	0	14	21	11	9	5	7	2	1	0	0
09:00	59	43.3	34.3	8.8	0	0	19	15	14	15	11	4	1	0	0	0
10:00	33	41.1	32.9	7.9	0	2	7	12	6	4	4	2	0	0	0	0
11:00	40	39.3	32.1	6.9	0	0	16	10	9	3	2	0	0	0	0	0
12:00	50	42.1	33.3	8.7	0	2	15	15	6	6	5	1	0	0	0	0
13:00	48	42.5	33.3	8.8	0	1	19	6	10	8	2	2	0	0	0	0
14:00	41	42.2	34.5	7.4	0	0	9	15	10	3	3	0	1	0	0	0
15:00	61	42.8	34.0	8.5	0	0	21	15	11	11	7	3	4	0	0	0
16:00	57	45.2	36.8	8.1	0	0	19	26	13	13	11	5	0	0	0	0
17:00	124	46.5	36.3	9.8	0	1	32	32	18	17	9	9	6	0	0	0
18:00	57	45.8	33.5	11.9	0	3	21	13	6	6	5	0	2	0	0	1
19:00	26	42.4	33.1	9.0	0	0	10	8	4	1	1	1	1	0	0	0
20:00	23	45.9	36.0	9.6	0	0	5	7	6	2	1	1	0	1	0	0
21:00	11	44.2	34.6	9.2	0	0	6	7	4	1	1	1	1	0	0	0
22:00	19	41.3	33.4	7.6	0	0	5	9	2	1	1	1	0	0	0	0
23:00	1	-	25.0	-	0	0	1	0	0	0	0	0	0	0	0	0
Total																
2H(0-12)	73	40.1	32.5	7.3	0	2	23	22	15	7	4	0	0	0	0	0
2H(14-16)	102	42.5	34.2	8.0	0	0	30	30	21	10	6	4	1	0	0	0
12H(7-19)	702	44.3	34.9	9.1	0	9	199	185	119	95	52	28	13	2	0	1
24H(0-24)	810	44.1	34.8	9.0	0	9	231	222	138	102	58	32	14	3	0	1
AM Peak	08:00	01:00	02:00	03:00	04:00	10:00	09:00	08:00	09:00	08:00	08:00	08:00	08:00	08:00	08:00	00:00
	70	51.0	40.0	10.6	0	2	19	21	14	9	5	7	2	1	0	0
PM Peak	17:00	17:00	16:00	18:00	12:00	18:00	17:00	17:00	17:00	16:00	16:00	17:00	17:00	20:00	12:00	18:00
	124	46.5	36.8	11.9	0	3	32	32	18	23	11	9	6	1	0	1

360 TSL Ltd

Direction: Eastbound

11/05/2022																
Hour Beginning	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-35	Bin 5 35-40	Bin 6 40-45	Bin 7 45-50	Bin 8 50-55	Bin 9 55-60	Bin 10 60-70	Bin 11 70-80	Bin 12 >80
00:00	4	43.0	40.0	2.9	0	0	0	0	2	2	0	0	0	0	0	0
01:00	2	38.7	35.0	3.5	0	0	0	0	1	0	0	0	0	0	0	0
02:00	1	-	37.5	-	0	0	0	0	1	0	0	0	0	0	0	0
03:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
04:00	1	-	37.5	-	0	0	0	0	1	0	0	0	0	0	0	0
05:00	9	55.1	48.3	11.3	0	0	0	2	3	1	1	0	0	0	0	0
06:00	33	48.2	40.8	7.1	0	0	1	3	13	10	3	2	0	1	0	0
07:00	86	47.8	41.1	6.4	0	0	2	10	27	28	10	7	2	0	0	0
08:00	112	46.0	39.2	6.6	0	4	27	39	17	19	5	1	0	0	0	0
09:00	65	40.8	35.1	5.5	0	0	8	22	27	6	1	1	0	0	0	0
10:00	61	44.2	38.0	6.0	0	3	18	16	17	6	1	0	0	0	0	0
11:00	53	43.4	36.4	6.8	0	0	7	16	15	9	5	1	0	0	0	0
12:00	45	44.6	36.2	8.1	0	1	7	14	7	9	6	1	0	0	0	0
13:00	68	45.9	38.2	7.4	0	0	6	17	7	4	1	0	0	0	0	0
14:00	41	48.3	39.7	8.3	0	0	4	7	11	9	7	0	3	0	0	0
15:00	57	45.6	38.1	7.2	0	1	5	9	20	12	9	1	0	0	0	0
16:00	62	47.9	40.9	6.8	0	0	2	7	23	15	7	7	1	0	0	0
17:00	53	45.7	38.6	8.8	0	1	2	14	16	10	10	1	0	0	0	0
18:00	30	47.1	38.3	8.8	0	0	0	4	8	1	10	1	0	0	0	0
19:00	29	48.1	41.0	6.9	0	0	1	4	8	9	3	4	0	0	0	0
20:00	10	49.5	41.0	8.2	0	0	0	0	2	0	1	1	0	0	0	0
21:00	4	53.8	45.0	10.4	0	0	0	1	0	1	1	0	1	0	0	0
22:00	5	45.3	37.0	8.0	0	0	0	1	0	1	1	0	0	0	0	0
23:00	4	50.0	38.8	20.5	0	1	0	0	2	0	0	0	0	1	0	0
Total																
2H(0-12)	114	43.9	37.3	6.4	0	0	10	34	31	26	11	2	0	0	0	0
2H(14-16)	98	46.7	38.8	7.7	0	1	9	16	11	21	16	1	3	0	0	0
12H(7-19)	733	45.8	38.5	7.1	0	3	55	165	230	145	97	30	8	0	0	0
24H(0-24)	855	46.3	38.8	7.3	0	4	58	176	248	170	106	37	11	1	0	0
AM Peak	08:00	05:00	05:00	05:00	00:00	00:00	09:00	08:00	08:00	07:00	08:00	07:00	07:00	05:00	00:00	00:00
	112	55.1	43.3	11.3	0	0	8	27	39	28	19	7	2	1	0	0
PM Peak	17:00	23:00	21:00	23:00	13:00	13:00	13:00	13:00	16:00	16:00	17:00	16:00	14:00	23:00	12:00	13:00
	68	50.0	40.0	20.5	0	1	7	17	23	15	10	7	3	1	0	0

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-35	Bin 5 35-40	Bin 6 40-45	Bin 7 45-50	Bin 8 50-55	Bin 9 55-60	Bin 10 60-70	Bin 11 70-80	Bin 12 >80
00:00	6	42.2	38.3	3.8	0	0	0	1	3	2	0	0	0	0	0	0
01:00	4	44.8	37.5	7.1	0	0	0	2	1	0	1	0	0	0	0	0
02:00	1	-	37.5	-	0	0	0	0	0	0	0	0	0	0	0	0
03:00	1	-	37.5	-	0	0	0	0	1	0	0	0	0	0	0	0
04:00	1	-	37.5	-	0	0	0	0	0	0	0	0	0	0	0	0
05:00	11	52.9	40.7	11.8	0	0	1	3	3	1	1	0	1	1	0	0
06:00	44	47.3	39.0	8.0	0	0	5	6	14	12	4	2	0	0	0	0
07:00	108	47.0	39.6	7.2	0	0	9	15	32	33	10	7	2	0	0	0
08:00	182	46.7	38.4	8.0	0	0	18	48	50	26	24	12	3	1	0	0
09:00	124	42.1	34.7	7.2	0	0	27	37	41	19	6	1	0	0	0	0
10:00	94	43.6	36.2	7.1	0	2	10	30	22	21	8	1	0	0	0	0
11:00	93	42.6	34.6	7.1	0	0	20	26	24	12	7	1	0	0	0	0
12:00	95	45.5	34.6	8.5	0	3	22	29	13	15	11	2	0	0	0	0
13:00	116	44.9	36.2	8.3	0	1	25	23	31	20	9	6	1	0	0	0
14:00	82	45.6	37.1	8.2	0	0	13	32	21	12	10	0	0	0	0	0
15:00	118	44.4	36.0	8.1	0	1	26	24	31	19	12	5	0	0	0	0
16:00	159	46.6	38.4	7.9	0	0	21	33	36	38	32	1	0	0	0	0
17:00	177	46.4	37.0	9.1	0	2	33	46	34	27	19	10	6	0	0	0
18:00	89	46.7	35.3	11.1	0	3	27	17	14	7	15	1	1	0	0	0
19:00	55	46.4	37.3	8.8	0	0	11	12	12	10	4	5	1	0	0	0
20:00	33	47.2	37.5	9.4	0	0	5	9	10	4	1	2	1	1	0	0
21:00	25	46.4	36.3	10.0	0	0	6	8	4	1	2	1	2	0	0	0
22:00	24	42.1	34.2	7.6	0	0	6	9	5	1	2	1	0	0	0	0
23:00	5	55.6	36.0	18.8	0	1	1	0	2	0	0	0	0	1	0	0
Total																
2H(0-12)	187	42.8	35.4	7.2	0	2	33	56	46	33	15	2				
2H(13-24)	200	44.9	36.5	8.2	0	1	39	46	52	31	22	5	4	0	0	0
2H(25-36)	445	45.6	37.5	7.2	0	12	124	254	240	164	68	29	2	0	0	0
2H(37-48)	1645	45.5	36.8	8.4	0	13	289	400	400	272	164	69	25	6	0	1
AM Peak	08:00	05:00	05:00	08:00	00:00	10:00	08:00	08:00	08:00	08:00	08:00	08:00	05:00	00:00	05:00	00:00
PM Peak	17:00	23:00	16:00	18:00	12:00	12:00	17:00	17:00	16:00	16:00	17:00	16:00	17:00	20:00	12:00	16:00
	17:00	35.5	36.8	18.8	8						7.0	21				



North Wales ATC 19, B5381 Glascoed Road



Direction: Eastbound

Hour Beginning	Thu 28/04/2022	Fri 29/04/2022	Sat 30/04/2022	Sun 01/05/2022	Mon 02/05/2022	Tue 03/05/2022	Wed 04/05/2022	5-Day Ave.	7-Day Ave.
00:00	1	1	5	2	2	0	2	1	2
01:00	1	1	1	0	0	1	0	1	1
02:00	1	0	2	0	3	1	2	1	1
03:00	0	0	0	0	0	0	0	0	0
04:00	4	2	0	2	3	4	2	3	2
05:00	6	8	2	0	5	4	7	6	5
06:00	23	18	8	2	7	21	9	16	13
07:00	69	52	7	3	13	54	52	48	36
08:00	95	94	31	8	10	90	70	72	57
09:00	60	40	39	17	21	56	55	46	41
10:00	69	47	46	27	41	41	71	54	49
11:00	64	109	32	37	51	64	56	69	59
12:00	65	92	39	38	35	64	83	68	59
13:00	60	85	39	34	45	40	69	60	53
14:00	70	58	33	34	54	63	81	65	56
15:00	82	73	36	36	52	84	61	70	61
16:00	72	80	33	33	113	63	73	80	67
17:00	75	74	25	21	167	75	64	91	72
18:00	59	35	15	22	133	35	29	58	47
19:00	23	11	13	18	32	14	12	18	18
20:00	8	5	10	11	14	11	15	11	11
21:00	11	4	5	5	5	8	7	7	6
22:00	5	1	5	3	1	1	2	2	3
23:00	4	0	1	1	2	1	0	1	1
Total									
12H(7-19)	840	839	375	310	735	729	764	781	656
16H(6-22)	905	877	411	346	793	783	807	833	703
18H(6-24)	914	878	417	350	796	785	809	836	707
24H(0-24)	927	890	427	354	809	795	822	849	718
AM Peak	08:00	11:00	10:00	11:00	11:00	08:00	10:00	08:00	11:00
	95	109	46	37	51	90	71	72	59
PM Peak	15:00	12:00	12:00	12:00	17:00	15:00	12:00	17:00	17:00
	82	92	39	38	167	84	83	91	72

360 TSL Ltd

Direction: Westbound

Hour Beginning	Thu 28/04/2022	Fri 29/04/2022	Sat 30/04/2022	Sun 01/05/2022	Mon 02/05/2022	Tue 03/05/2022	Wed 04/05/2022	5-Day Ave.	7-Day Ave.
00:00	2	3	7	1	4	1	2	2	3
01:00	1	3	3	0	0	0	4	2	2
02:00	0	1	0	0	1	0	0	0	0
03:00	0	1	1	0	0	1	0	0	0
04:00	1	0	3	2	1	1	1	1	1
05:00	7	1	1	2	1	3	2	3	2
06:00	14	7	5	2	6	13	12	10	8
07:00	39	28	6	5	5	39	35	29	22
08:00	90	88	17	10	13	77	99	73	56
09:00	55	54	37	8	14	43	64	46	39
10:00	55	94	47	27	26	73	60	62	55
11:00	54	89	45	37	36	47	65	58	53
12:00	69	81	45	37	37	45	68	60	55
13:00	40	71	57	26	43	53	85	58	54
14:00	77	70	42	29	34	77	52	62	54
15:00	85	68	36	47	43	69	48	63	57
16:00	78	83	41	31	28	70	66	65	57
17:00	77	65	37	19	32	75	73	64	54
18:00	45	51	20	14	14	33	39	36	31
19:00	16	21	12	12	15	28	28	22	19
20:00	17	9	13	9	16	6	13	12	12
21:00	17	7	10	8	7	18	16	13	12
22:00	6	6	4	2	4	7	6	6	5
23:00	3	3	9	1	1	2	0	2	3
Total									
12H(7-19)	764	842	430	290	325	701	754	677	587
16H(6-22)	828	886	470	321	369	766	823	734	638
18H(6-24)	837	895	483	324	374	775	829	742	645
24H(0-24)	848	904	498	329	381	781	838	750	654
AM Peak	08:00	10:00	10:00	11:00	11:00	08:00	08:00	08:00	08:00
	90	94	47	37	36	77	99	73	56
PM Peak	15:00	16:00	13:00	15:00	13:00	14:00	13:00	16:00	16:00
	85	83	57	47	43	77	85	65	57

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Thu 28/04/2022	Fri 29/04/2022	Sat 30/04/2022	Sun 01/05/2022	Mon 02/05/2022	Tue 03/05/2022	Wed 04/05/2022	5-Day Ave.	7-Day Ave.
00:00	3	4	12	3	6	1	4	4	5
01:00	2	4	4	0	0	1	4	2	2
02:00	1	1	2	0	4	1	2	2	2
03:00	0	1	1	0	0	1	0	0	0
04:00	5	2	3	4	4	5	3	4	4
05:00	13	9	3	2	6	7	9	9	7
06:00	37	25	13	4	13	34	21	26	21
07:00	108	80	13	8	18	93	87	77	58
08:00	185	182	48	18	23	167	169	145	113
09:00	115	94	76	25	35	99	119	92	80
10:00	124	141	93	54	67	114	131	115	103
11:00	118	198	77	74	87	111	121	127	112
12:00	134	173	84	75	72	109	151	128	114
13:00	100	156	96	60	88	93	154	118	107
14:00	147	128	75	63	88	140	133	127	111
15:00	167	141	72	83	95	153	109	133	117
16:00	150	163	74	64	141	133	139	145	123
17:00	152	139	62	40	199	150	137	155	126
18:00	104	86	35	36	147	68	95	78	68
19:00	39	32	25	30	47	42	40	40	36
20:00	25	14	23	20	30	17	28	23	22
21:00	28	11	15	13	12	26	23	20	18
22:00	11	7	9	5	5	8	8	8	8
23:00	7	3	10	2	3	3	0	3	4
Total									
12H(7-19)	1604	1681	805	600	1060	1430	1518	1459	1243
16H(6-22)	1733	1763	881	667	1162	1549	1630	1567	1341
18H(6-24)	1751	1773	900	674	1170	1560	1638	1578	1352
24H(0-24)	1775	1794	925	683	1190	1576	1660	1599	1372
AM Peak	08:00	11:00	10:00	11:00	11:00	08:00	08:00	08:00	08:00
	185	198	93	74	87	167	169	145	113
PM Peak	15:00	12:00	13:00	15:00	17:00	15:00	13:00	17:00	17:00
	167	173	96	83	199	153	154	155	126

360 TSL Ltd



North Wales ATC 19, B5381 Glascoed Road

Direction: Eastbound

	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 28 Apr 2022	927	757	155	10	5
Fri 29 Apr 2022	890	792	90	3	5
Sat 30 Apr 2022	427	376	45	3	3
Sun 1 May 2022	354	316	37	1	0
Mon 2 May 2022	809	713	92	3	1
Tue 3 May 2022	795	637	147	5	6
Wed 4 May 2022	822	672	143	2	5
5 Day Ave.	849	714	125	5	4
7 Day Ave.	718	609	101	4	4

Direction: Westbound

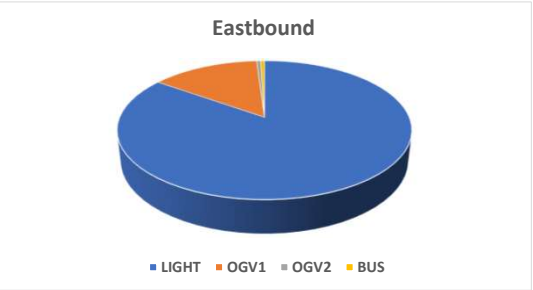
	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 28 Apr 2022	848	692	148	3	5
Fri 29 Apr 2022	904	782	111	8	3
Sat 30 Apr 2022	498	428	63	5	2
Sun 1 May 2022	329	303	25	1	0
Mon 2 May 2022	381	341	38	2	0
Tue 3 May 2022	781	635	138	2	6
Wed 4 May 2022	838	694	140	1	3
5 Day Ave.	750	629	115	3	3
7 Day Ave.	654	554	95	3	3

Direction: Total Flow

	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 28 Apr 2022	1775	1449	303	13	10
Fri 29 Apr 2022	1794	1574	201	11	8
Sat 30 Apr 2022	925	804	108	8	5
Sun 1 May 2022	683	619	62	2	0
Mon 2 May 2022	1190	1054	130	5	1
Tue 3 May 2022	1576	1272	285	7	12
Wed 4 May 2022	1660	1366	283	3	8
5 Day Ave.	1599	1343	240	8	8
7 Day Ave.	1372	1163	196	7	6

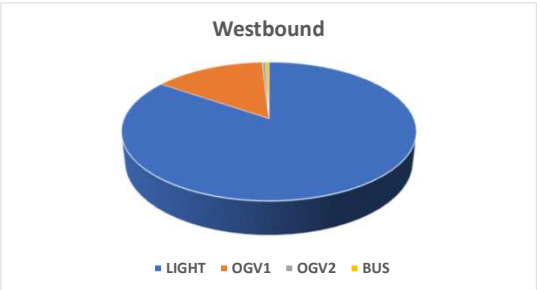
	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 28 Apr 2022	100.0%	81.7%	16.7%	1.1%	0.5%
Fri 29 Apr 2022	100.0%	89.0%	10.1%	0.3%	0.6%
Sat 30 Apr 2022	100.0%	88.1%	10.5%	0.7%	0.7%
Sun 1 May 2022	100.0%	89.3%	10.5%	0.3%	0.0%
Mon 2 May 2022	100.0%	88.1%	11.4%	0.4%	0.1%
Tue 3 May 2022	100.0%	80.1%	18.5%	0.6%	0.8%
Wed 4 May 2022	100.0%	81.8%	17.4%	0.2%	0.6%
5 Day Ave.	100.0%	84.2%	14.8%	0.5%	0.5%
7 Day Ave.	100.0%	84.9%	14.1%	0.5%	0.5%

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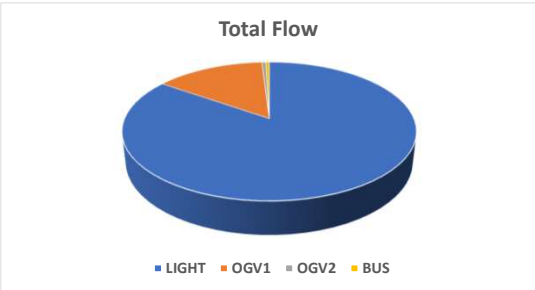
	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 28 Apr 2022	100.0%	81.6%	17.5%	0.4%	0.6%
Fri 29 Apr 2022	100.0%	86.5%	12.3%	0.9%	0.3%
Sat 30 Apr 2022	100.0%	85.9%	12.7%	1.0%	0.4%
Sun 1 May 2022	100.0%	92.1%	7.6%	0.3%	0.0%
Mon 2 May 2022	100.0%	89.5%	10.0%	0.5%	0.0%
Tue 3 May 2022	100.0%	81.3%	17.7%	0.3%	0.8%
Wed 4 May 2022	100.0%	82.8%	16.7%	0.1%	0.4%
5 Day Ave.	100.0%	83.8%	15.3%	0.4%	0.5%
7 Day Ave.	100.0%	84.6%	14.5%	0.5%	0.4%

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	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 28 Apr 2022	100.0%	81.6%	17.1%	0.7%	0.6%
Fri 29 Apr 2022	100.0%	87.7%	11.2%	0.6%	0.4%
Sat 30 Apr 2022	100.0%	86.9%	11.7%	0.9%	0.5%
Sun 1 May 2022	100.0%	90.6%	9.1%	0.3%	0.0%
Mon 2 May 2022	100.0%	88.6%	10.9%	0.4%	0.1%
Tue 3 May 2022	100.0%	80.7%	18.1%	0.4%	0.8%
Wed 4 May 2022	100.0%	82.3%	17.0%	0.2%	0.5%
5 Day Ave.	100.0%	84.0%	15.0%	0.5%	0.5%
7 Day Ave.	100.0%	84.7%	14.3%	0.5%	0.5%

360 TSL Ltd



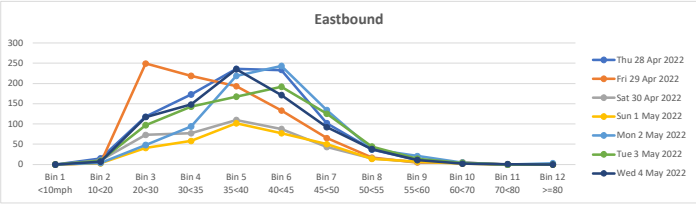


North Wales ATC 19, B5381 Glascoed Road

Direction: Eastbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<30	Bin 4 30<35	Bin 5 35<40	Bin 6 40<45	Bin 7 45<50	Bin 8 50<55	Bin 9 55<60	Bin 10 60<70	Bin 11 70<80	Bin 12 >=80
Thu 28 Apr 2022	927	46.2	37.9	8.1	0	15	118	173	236	233	102	37	11	2	0	0
Fri 29 Apr 2022	890	43.1	34.7	8.1	0	4	249	219	193	133	65	17	5	5	0	0
Sat 30 Apr 2022	427	46.4	37.1	9.0	0	10	73	77	110	88	43	15	6	5	0	0
Sun 1 May 2022	354	47.1	38.7	8.1	0	3	41	58	102	77	50	14	7	2	0	0
Mon 2 May 2022	809	49.0	40.8	7.9	0	4	48	94	219	243	134	38	21	5	0	3
Tue 3 May 2022	795	47.7	38.9	8.5	0	9	97	143	167	192	125	44	14	4	0	0
Wed 4 May 2022	822	46.3	37.9	8.2	0	7	117	148	235	171	92	38	11	2	1	0
5 Day Ave.	849	46.5	38.0	8.2	0	8	126	155	210	194	104	35	12	4	0	1
7 Day Ave.	718	46.6	38.0	8.3	0	7	106	130	180	162	87	29	11	4	0	0

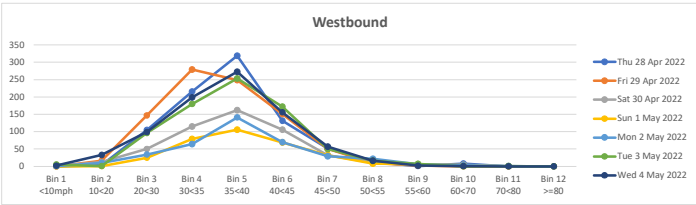
360 TSL Ltd



Direction: Westbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<30	Bin 4 30<35	Bin 5 35<40	Bin 6 40<45	Bin 7 45<50	Bin 8 50<55	Bin 9 55<60	Bin 10 60<70	Bin 11 70<80	Bin 12 >=80
Thu 28 Apr 2022	848	43.6	36.5	6.9	0	3	105	216	319	132	51	13	1	8	0	0
Fri 29 Apr 2022	904	42.4	35.1	7.0	0	16	147	279	249	151	50	10	2	0	0	0
Sat 30 Apr 2022	498	45.3	37.0	8.0	1	12	50	115	162	106	32	11	4	4	1	0
Sun 1 May 2022	329	45.9	38.3	7.3	0	1	25	79	106	69	32	8	6	3	0	0
Mon 2 May 2022	381	47.0	38.1	8.6	1	10	34	64	141	70	29	22	6	3	1	0
Tue 3 May 2022	781	44.4	36.9	7.3	5	1	96	180	253	172	50	16	7	0	1	0
Wed 4 May 2022	838	44.0	35.9	7.8	2	33	99	199	273	156	57	16	2	1	0	0
5 Day Ave.	750	44.3	36.5	7.5	2	13	96	188	247	136	47	15	4	2	0	0
7 Day Ave.	654	44.7	36.8	7.6	1	11	79	162	215	122	43	14	4	3	0	0

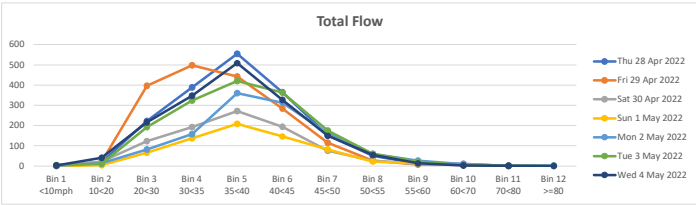
360 TSL Ltd



Direction: Total Flow

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<30	Bin 4 30<35	Bin 5 35<40	Bin 6 40<45	Bin 7 45<50	Bin 8 50<55	Bin 9 55<60	Bin 10 60<70	Bin 11 70<80	Bin 12 >=80
Thu 28 Apr 2022	1775	45.1	37.2	7.6	0	18	223	389	555	365	153	50	12	10	0	0
Fri 29 Apr 2022	1794	42.8	34.9	7.6	0	20	396	498	442	284	115	27	7	5	0	0
Sat 30 Apr 2022	925	45.8	37.0	8.5	1	22	123	192	272	194	75	26	10	9	1	0
Sun 1 May 2022	683	46.5	38.5	7.7	0	4	66	137	208	146	82	22	13	5	0	0
Mon 2 May 2022	1190	48.4	39.9	8.2	1	14	82	158	360	313	163	60	27	8	1	3
Tue 3 May 2022	1576	46.2	37.9	8.0	5	10	193	323	420	364	175	60	21	4	1	0
Wed 4 May 2022	1660	45.2	36.9	8.1	2	40	216	347	508	327	149	54	13	3	1	0
5 Day Ave.	1599	45.5	37.4	7.9	2	20	222	343	457	331	151	50	16	6	1	1
7 Day Ave.	1372	45.7	37.5	7.9	1	18	186	292	395	285	130	43	15	6	1	0

360 TSL Ltd





## North Wales ATC 19, B5381 Glascoed Road

Direction: Eastbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<30	Bin 4 30<35	Bin 5 35<40	Bin 6 40<45	Bin 7 45<50	Bin 8 50<55	Bin 9 55<60	Bin 10 60<70	Bin 11 70<80	Bin 12 >=80
Thu 28 Apr 2022	133	42.8	35.4	7.2	0	2	22	42	28	30	7	2	0	0	0	0
Fri 29 Apr 2022	156	39.9	32.8	6.9	0	0	54	45	31	23	1	1	1	0	0	0
Sat 30 Apr 2022	78	43.4	35.5	7.7	0	2	13	18	26	13	4	1	1	0	0	0
Sun 1 May 2022	64	46.8	38.6	7.9	0	0	8	12	18	11	11	3	1	0	0	0
Mon 2 May 2022	92	49.6	40.8	8.5	0	1	7	11	23	23	15	7	5	0	0	0
Tue 3 May 2022	105	46.1	38.4	7.4	0	0	12	22	25	27	14	4	1	0	0	0
Wed 4 May 2022	127	42.7	36.8	5.7	0	0	10	34	53	22	6	1	1	0	0	0
5 Day Ave.	123	44.2	36.8	7.1	0	1	21	31	32	25	9	3	2	0	0	0
7 Day Ave.	108	44.5	36.9	7.3	0	1	18	26	29	21	8	3	1	0	0	0

360 TSL Ltd

Direction: Westbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<30	Bin 4 30<35	Bin 5 35<40	Bin 6 40<45	Bin 7 45<50	Bin 8 50<55	Bin 9 55<60	Bin 10 60<70	Bin 11 70<80	Bin 12 >=80
Thu 28 Apr 2022	109	42.7	34.3	8.1	0	1	25	35	33	9	2	1	0	3	0	0
Fri 29 Apr 2022	183	39.7	32.2	7.2	0	8	47	72	31	18	6	1	0	0	0	0
Sat 30 Apr 2022	92	43.2	35.5	7.4	1	1	11	31	27	13	5	3	0	0	0	0
Sun 1 May 2022	64	46.9	38.8	7.9	0	0	5	16	19	12	7	1	4	0	0	0
Mon 2 May 2022	62	46.2	37.4	8.5	0	2	7	9	27	6	6	4	1	0	0	0
Tue 3 May 2022	120	42.3	35.3	6.8	1	0	20	32	40	21	5	1	0	0	0	0
Wed 4 May 2022	125	41.2	34.8	6.2	0	1	17	51	34	13	9	0	0	0	0	0
5 Day Ave.	120	42.4	34.8	7.3	0	2	23	40	33	13	6	1	0	1	0	0
7 Day Ave.	108	43.2	35.5	7.4	0	2	19	35	30	13	6	2	1	0	0	0

360 TSL Ltd

Direction: Total Flow

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<30	Bin 4 30<35	Bin 5 35<40	Bin 6 40<45	Bin 7 45<50	Bin 8 50<55	Bin 9 55<60	Bin 10 60<70	Bin 11 70<80	Bin 12 >=80
Thu 28 Apr 2022	242	42.8	34.9	7.6	0	3	47	77	61	39	9	3	0	3	0	0
Fri 29 Apr 2022	339	39.8	32.5	7.0	0	8	101	117	62	41	7	2	1	0	0	0
Sat 30 Apr 2022	170	43.3	35.5	7.5	1	3	24	49	53	26	9	4	1	0	0	0
Sun 1 May 2022	128	46.8	38.7	7.8	0	0	13	28	37	23	18	4	5	0	0	0
Mon 2 May 2022	154	48.4	39.4	8.6	0	3	14	20	50	29	21	11	6	0	0	0
Tue 3 May 2022	225	44.2	36.7	7.2	1	0	32	54	65	48	19	5	1	0	0	0
Wed 4 May 2022	252	42.1	35.8	6.0	0	1	27	85	87	35	15	1	1	0	0	0
5 Day Ave.	242	43.4	35.9	7.3	0	3	44	71	65	38	14	4	2	1	0	0
7 Day Ave.	216	43.9	36.2	7.4	0	3	37	61	59	34	14	4	2	0	0	0

360 TSL Ltd



## North Wales ATC 19, B5381 Glascoed Road

Direction: Eastbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<30	Bin 4 30<35	Bin 5 35<40	Bin 6 40<45	Bin 7 45<50	Bin 8 50<55	Bin 9 55<60	Bin 10 60<70	Bin 11 70<80	Bin 12 >=80
Thu 28 Apr 2022	152	45.3	37.6	7.5	0	1	19	32	43	33	21	0	3	0	0	0
Fri 29 Apr 2022	131	39.6	32.9	6.4	0	2	33	51	26	16	3	0	0	0	0	0
Sat 30 Apr 2022	69	48.3	38.9	9.0	0	1	8	11	21	12	9	4	2	1	0	0
Sun 1 May 2022	70	48.1	39.6	8.3	0	0	7	11	22	12	14	0	3	1	0	0
Mon 2 May 2022	106	51.7	41.0	10.4	0	1	6	15	31	27	19	3	0	1	0	3
Tue 3 May 2022	147	44.7	36.0	8.4	0	3	30	30	37	25	19	2	0	1	0	0
Wed 4 May 2022	142	43.8	36.8	6.7	0	0	16	39	50	20	12	4	1	0	0	0
5 Day Ave.	136	45.0	36.9	7.9	0	1	21	33	37	24	15	2	1	0	0	1
7 Day Ave.	117	45.9	37.5	8.1	0	1	17	27	33	21	14	2	1	1	0	0

360 TSL Ltd

Direction: Westbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<30	Bin 4 30<35	Bin 5 35<40	Bin 6 40<45	Bin 7 45<50	Bin 8 50<55	Bin 9 55<60	Bin 10 60<70	Bin 11 70<80	Bin 12 >=80
Thu 28 Apr 2022	162	43.2	36.6	6.4	0	0	15	49	58	32	4	2	0	2	0	0
Fri 29 Apr 2022	138	41.3	34.2	6.8	0	3	25	49	33	21	7	0	0	0	0	0
Sat 30 Apr 2022	78	43.9	36.6	7.1	0	2	6	18	34	12	5	0	0	1	0	0
Sun 1 May 2022	76	45.6	38.6	6.8	0	0	4	16	30	17	5	2	1	1	0	0
Mon 2 May 2022	77	46.6	36.9	9.3	0	3	12	11	27	13	3	5	3	0	0	0
Tue 3 May 2022	146	42.7	35.2	7.3	0	0	30	40	43	27	3	2	0	0	1	0
Wed 4 May 2022	100	42.4	36.1	6.1	0	0	14	25	36	20	4	1	0	0	0	0
5 Day Ave.	125	43.3	35.8	7.2	0	1	19	35	39	23	4	2	1	0	0	0
7 Day Ave.	111	43.7	36.3	7.1	0	1	15	30	37	20	4	2	1	1	0	0

360 TSL Ltd

Direction: Total Flow

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<30	Bin 4 30<35	Bin 5 35<40	Bin 6 40<45	Bin 7 45<50	Bin 8 50<55	Bin 9 55<60	Bin 10 60<70	Bin 11 70<80	Bin 12 >=80
Thu 28 Apr 2022	314	44.3	37.1	6.9	0	1	34	81	101	65	25	2	3	2	0	0
Fri 29 Apr 2022	269	40.5	33.6	6.7	0	5	58	100	59	37	10	0	0	0	0	0
Sat 30 Apr 2022	147	46.1	37.7	8.1	0	3	14	29	55	24	14	4	2	2	0	0
Sun 1 May 2022	146	46.9	39.1	7.5	0	0	11	27	52	29	19	2	4	2	0	0
Mon 2 May 2022	183	49.8	39.3	10.1	0	4	18	26	58	40	22	8	3	1	0	3
Tue 3 May 2022	293	43.7	35.6	7.9	0	3	60	70	80	52	22	4	0	1	1	0
Wed 4 May 2022	242	43.2	36.5	6.5	0	0	30	64	86	40	16	5	1	0	0	0
5 Day Ave.	260	44.3	36.4	7.6	0	3	40	68	77	47	19	4	1	1	0	1
7 Day Ave.	228	44.9	37.0	7.7	0	2	32	57	70	41	18	4	2	1	0	0

360 TSL Ltd



# North Wales ATC 19, B5381 Glascoed Road

Direction: Eastbound

28/04/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	1	1	0	0	0
01:00	1	1	0	0	0
02:00	1	1	0	0	0
03:00	0	0	0	0	0
04:00	4	4	0	0	0
05:00	6	3	1	2	0
06:00	23	11	9	2	1
07:00	69	46	22	1	0
08:00	95	80	15	0	0
09:00	60	54	6	0	0
10:00	69	55	13	1	0
11:00	64	50	14	0	0
12:00	65	49	15	0	1
13:00	60	50	10	0	0
14:00	70	51	17	1	1
15:00	82	66	16	0	0
16:00	72	67	5	0	0
17:00	75	68	5	1	1
18:00	59	59	0	0	0
19:00	23	15	7	0	1
20:00	8	8	0	0	0
21:00	11	10	0	1	0
22:00	5	5	0	0	0
23:00	4	3	0	1	0
Total					
12H(7-19)	840	695	138	4	3
16H(6-22)	905	739	154	7	5
18H(6-24)	914	747	154	8	5
24H(0-24)	927	757	155	10	5
AM Peak	08:00	08:00	07:00	05:00	06:00
	95	80	22	2	1
PM Peak	15:00	17:00	14:00	14:00	12:00
	82	68	17	1	1

360 TSL Ltd

Direction: Westbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	2	2	0	0	0
01:00	1	1	0	0	0
02:00	0	0	0	0	0
03:00	0	0	0	0	0
04:00	1	1	0	0	0
05:00	7	7	0	0	0
06:00	14	11	3	0	0
07:00	39	34	3	2	0
08:00	90	74	15	0	1
09:00	55	40	14	1	0
10:00	55	43	12	0	0
11:00	54	47	7	0	0
12:00	69	53	16	0	0
13:00	40	34	5	0	1
14:00	77	61	16	0	0
15:00	85	72	13	0	0
16:00	78	62	13	0	3
17:00	77	65	12	0	0
18:00	45	33	12	0	0
19:00	16	15	1	0	0
20:00	17	13	4	0	0
21:00	17	17	0	0	0
22:00	6	4	2	0	0
23:00	3	3	0	0	0
Total					
12H(7-19)	764	618	138	3	5
16H(6-22)	828	674	146	3	5
18H(6-24)	837	681	148	3	5
24H(0-24)	848	692	148	3	5
AM Peak	08:00	08:00	08:00	07:00	08:00
	90	74	15	2	1
PM Peak	15:00	15:00	12:00	12:00	16:00
	85	72	16	0	3

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	3	3	0	0	0
01:00	2	2	0	0	0
02:00	1	1	0	0	0
03:00	0	0	0	0	0
04:00	5	5	0	0	0
05:00	13	10	1	2	0
06:00	37	22	12	2	1
07:00	108	80	25	3	0
08:00	185	154	30	0	1
09:00	115	94	20	1	0
10:00	124	98	25	1	0
11:00	118	97	21	0	0
12:00	134	102	31	0	1
13:00	100	84	15	0	1
14:00	147	112	33	1	1
15:00	167	138	29	0	0
16:00	150	129	18	0	3
17:00	152	133	17	1	1
18:00	104	92	12	0	0
19:00	39	30	8	0	1
20:00	25	21	4	0	0
21:00	28	27	0	1	0
22:00	11	9	2	0	0
23:00	7	6	0	1	0
Total					
12H(7-19)	1604	1313	276	7	8
16H(6-22)	1733	1413	300	10	10
18H(6-24)	1751	1428	302	11	10
24H(0-24)	1775	1449	303	13	10
AM Peak	08:00	08:00	08:00	07:00	06:00
	185	154	30	3	1
PM Peak	15:00	15:00	14:00	14:00	16:00
	167	138	33	1	3

360 TSL Ltd



# North Wales ATC 19, B5381 Glascoed Road

Direction: Eastbound

29/04/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	1	1	0	0	0
01:00	1	1	0	0	0
02:00	0	0	0	0	0
03:00	0	0	0	0	0
04:00	2	1	0	0	1
05:00	8	7	1	0	0
06:00	18	12	6	0	0
07:00	52	46	6	0	0
08:00	94	75	19	0	0
09:00	40	35	5	0	0
10:00	47	41	5	1	0
11:00	109	102	5	2	0
12:00	92	83	6	0	3
13:00	85	69	15	0	1
14:00	58	50	8	0	0
15:00	73	68	5	0	0
16:00	80	77	3	0	0
17:00	74	70	4	0	0
18:00	35	35	0	0	0
19:00	11	11	0	0	0
20:00	5	4	1	0	0
21:00	4	3	1	0	0
22:00	1	1	0	0	0
23:00	0	0	0	0	0
Total					
12H(7-19)	839	751	81	3	4
16H(6-22)	877	781	89	3	4
18H(6-24)	878	782	89	3	4
24H(0-24)	890	792	90	3	5
AM Peak	11:00 109	11:00 102	08:00 19	11:00 2	04:00 1
PM Peak	12:00 92	12:00 83	13:00 15	12:00 0	12:00 3

360 TSL Ltd

Direction: Westbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	3	1	1	0	1
01:00	3	0	3	0	0
02:00	1	1	0	0	0
03:00	1	1	0	0	0
04:00	0	0	0	0	0
05:00	1	1	0	0	0
06:00	7	6	1	0	0
07:00	28	22	6	0	0
08:00	88	77	11	0	0
09:00	54	47	4	3	0
10:00	94	81	12	1	0
11:00	89	71	18	0	0
12:00	81	74	6	1	0
13:00	71	63	7	1	0
14:00	70	63	7	0	0
15:00	68	60	7	0	1
16:00	83	71	11	1	0
17:00	65	60	4	0	1
18:00	51	43	8	0	0
19:00	21	17	4	0	0
20:00	9	9	0	0	0
21:00	7	7	0	0	0
22:00	6	5	0	1	0
23:00	3	2	1	0	0
Total					
12H(7-19)	842	732	101	7	2
16H(6-22)	886	771	106	7	2
18H(6-24)	895	778	107	8	2
24H(0-24)	904	782	111	8	3
AM Peak	10:00 94	10:00 81	11:00 18	09:00 3	00:00 1
PM Peak	16:00 83	12:00 74	16:00 11	12:00 1	15:00 1

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	4	2	1	0	1
01:00	4	1	3	0	0
02:00	1	1	0	0	0
03:00	1	1	0	0	0
04:00	2	1	0	0	1
05:00	9	8	1	0	0
06:00	25	18	7	0	0
07:00	80	68	12	0	0
08:00	182	152	30	0	0
09:00	94	82	9	3	0
10:00	141	122	17	2	0
11:00	198	173	23	2	0
12:00	173	157	12	1	3
13:00	156	132	22	1	1
14:00	128	113	15	0	0
15:00	141	128	12	0	1
16:00	163	148	14	1	0
17:00	139	130	8	0	1
18:00	86	78	8	0	0
19:00	32	28	4	0	0
20:00	14	13	1	0	0
21:00	11	10	1	0	0
22:00	7	6	0	1	0
23:00	3	2	1	0	0
Total					
12H(7-19)	1681	1483	182	10	6
16H(6-22)	1763	1552	195	10	6
18H(6-24)	1773	1560	196	11	6
24H(0-24)	1794	1574	201	11	8
AM Peak	11:00 198	11:00 173	08:00 30	09:00 3	00:00 1
PM Peak	12:00 173	12:00 157	13:00 22	12:00 1	12:00 3

360 TSL Ltd



# North Wales ATC 19, B5381 Glascoed Road

Direction: Eastbound

30/04/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	5	5	0	0	0
01:00	1	1	0	0	0
02:00	2	0	0	2	0
03:00	0	0	0	0	0
04:00	0	0	0	0	0
05:00	2	2	0	0	0
06:00	8	4	4	0	0
07:00	7	5	1	0	1
08:00	31	30	1	0	0
09:00	39	34	5	0	0
10:00	46	41	4	1	0
11:00	32	28	4	0	0
12:00	39	30	9	0	0
13:00	39	37	2	0	0
14:00	33	30	3	0	0
15:00	36	31	5	0	0
16:00	33	30	2	0	1
17:00	25	22	2	0	1
18:00	15	13	2	0	0
19:00	13	12	1	0	0
20:00	10	10	0	0	0
21:00	5	5	0	0	0
22:00	5	5	0	0	0
23:00	1	1	0	0	0
Total					
12H(7-19)	375	331	40	1	3
16H(6-22)	411	362	45	1	3
18H(6-24)	417	368	45	1	3
24H(0-24)	427	376	45	3	3
AM Peak	10:00 46	10:00 41	09:00 5	02:00 2	07:00 1
PM Peak	12:00 39	13:00 37	12:00 9	12:00 0	16:00 1

360 TSL Ltd

Direction: Westbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	7	6	1	0	0
01:00	3	3	0	0	0
02:00	0	0	0	0	0
03:00	1	0	0	1	0
04:00	3	3	0	0	0
05:00	1	1	0	0	0
06:00	5	3	2	0	0
07:00	6	4	1	0	1
08:00	17	16	1	0	0
09:00	37	33	4	0	0
10:00	47	38	9	0	0
11:00	45	39	5	1	0
12:00	45	37	7	0	1
13:00	57	50	7	0	0
14:00	42	36	6	0	0
15:00	36	31	4	1	0
16:00	41	34	7	0	0
17:00	37	31	4	2	0
18:00	20	17	3	0	0
19:00	12	10	2	0	0
20:00	13	13	0	0	0
21:00	10	10	0	0	0
22:00	4	4	0	0	0
23:00	9	9	0	0	0
Total					
12H(7-19)	430	366	58	4	2
16H(6-22)	470	402	62	4	2
18H(6-24)	483	415	62	4	2
24H(0-24)	498	428	63	5	2
AM Peak	10:00 47	11:00 39	10:00 9	03:00 1	07:00 1
PM Peak	13:00 57	13:00 50	12:00 7	17:00 2	12:00 1

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	12	11	1	0	0
01:00	4	4	0	0	0
02:00	2	0	0	2	0
03:00	1	0	0	1	0
04:00	3	3	0	0	0
05:00	3	3	0	0	0
06:00	13	7	6	0	0
07:00	13	9	2	0	2
08:00	48	46	2	0	0
09:00	76	67	9	0	0
10:00	93	79	13	1	0
11:00	77	67	9	1	0
12:00	84	67	16	0	1
13:00	96	87	9	0	0
14:00	75	66	9	0	0
15:00	72	62	9	1	0
16:00	74	64	9	0	1
17:00	62	53	6	2	1
18:00	35	30	5	0	0
19:00	25	22	3	0	0
20:00	23	23	0	0	0
21:00	15	15	0	0	0
22:00	9	9	0	0	0
23:00	10	10	0	0	0
Total					
12H(7-19)	805	697	98	5	5
16H(6-22)	881	764	107	5	5
18H(6-24)	900	783	107	5	5
24H(0-24)	925	804	108	8	5
AM Peak	10:00 93	10:00 79	10:00 13	02:00 2	07:00 2
PM Peak	13:00 96	13:00 87	12:00 16	17:00 2	12:00 1

360 TSL Ltd



# North Wales ATC 19, B5381 Glascoed Road

Direction: Eastbound

01/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	2	2	0	0	0
01:00	0	0	0	0	0
02:00	0	0	0	0	0
03:00	0	0	0	0	0
04:00	2	2	0	0	0
05:00	0	0	0	0	0
06:00	2	2	0	0	0
07:00	3	3	0	0	0
08:00	8	6	2	0	0
09:00	17	14	2	1	0
10:00	27	24	3	0	0
11:00	37	35	2	0	0
12:00	38	35	3	0	0
13:00	34	28	6	0	0
14:00	34	32	2	0	0
15:00	36	32	4	0	0
16:00	33	30	3	0	0
17:00	21	17	4	0	0
18:00	22	20	2	0	0
19:00	18	17	1	0	0
20:00	11	9	2	0	0
21:00	5	4	1	0	0
22:00	3	3	0	0	0
23:00	1	1	0	0	0
Total					
12H(7-19)	310	276	33	1	0
16H(6-22)	346	308	37	1	0
18H(6-24)	350	312	37	1	0
24H(0-24)	354	316	37	1	0
AM Peak	11:00	11:00	10:00	09:00	00:00
	37	35	3	1	0
PM Peak	12:00	12:00	13:00	12:00	12:00
	38	35	6	0	0

360 TSL Ltd

Direction: Westbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	1	1	0	0	0
01:00	0	0	0	0	0
02:00	0	0	0	0	0
03:00	0	0	0	0	0
04:00	2	2	0	0	0
05:00	2	2	0	0	0
06:00	2	0	1	1	0
07:00	5	5	0	0	0
08:00	10	8	2	0	0
09:00	8	6	2	0	0
10:00	27	27	0	0	0
11:00	37	36	1	0	0
12:00	37	35	2	0	0
13:00	26	25	1	0	0
14:00	29	28	1	0	0
15:00	47	42	5	0	0
16:00	31	27	4	0	0
17:00	19	16	3	0	0
18:00	14	12	2	0	0
19:00	12	12	0	0	0
20:00	9	8	1	0	0
21:00	8	8	0	0	0
22:00	2	2	0	0	0
23:00	1	1	0	0	0
Total					
12H(7-19)	290	267	23	0	0
16H(6-22)	321	295	25	1	0
18H(6-24)	324	298	25	1	0
24H(0-24)	329	303	25	1	0
AM Peak	11:00	11:00	08:00	06:00	00:00
	37	36	2	1	0
PM Peak	15:00	15:00	15:00	12:00	12:00
	47	42	5	0	0

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	3	3	0	0	0
01:00	0	0	0	0	0
02:00	0	0	0	0	0
03:00	0	0	0	0	0
04:00	4	4	0	0	0
05:00	2	2	0	0	0
06:00	4	2	1	1	0
07:00	8	8	0	0	0
08:00	18	14	4	0	0
09:00	25	20	4	1	0
10:00	54	51	3	0	0
11:00	74	71	3	0	0
12:00	75	70	5	0	0
13:00	60	53	7	0	0
14:00	63	60	3	0	0
15:00	83	74	9	0	0
16:00	64	57	7	0	0
17:00	40	33	7	0	0
18:00	36	32	4	0	0
19:00	30	29	1	0	0
20:00	20	17	3	0	0
21:00	13	12	1	0	0
22:00	5	5	0	0	0
23:00	2	2	0	0	0
Total					
12H(7-19)	600	543	56	1	0
16H(6-22)	667	603	62	2	0
18H(6-24)	674	610	62	2	0
24H(0-24)	683	619	62	2	0
AM Peak	11:00	11:00	08:00	06:00	00:00
	74	71	4	1	0
PM Peak	15:00	15:00	15:00	12:00	12:00
	83	74	9	0	0

360 TSL Ltd



# North Wales ATC 19, B5381 Glascoed Road

Direction: Eastbound

02/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	2	2	0	0	0
01:00	0	0	0	0	0
02:00	3	3	0	0	0
03:00	0	0	0	0	0
04:00	3	1	2	0	0
05:00	5	4	1	0	0
06:00	7	4	3	0	0
07:00	13	9	4	0	0
08:00	10	8	2	0	0
09:00	21	16	5	0	0
10:00	41	39	2	0	0
11:00	51	47	3	1	0
12:00	35	30	5	0	0
13:00	45	40	4	1	0
14:00	54	48	6	0	0
15:00	52	48	4	0	0
16:00	113	102	11	0	0
17:00	167	150	15	1	1
18:00	133	114	19	0	0
19:00	32	29	3	0	0
20:00	14	12	2	0	0
21:00	5	4	1	0	0
22:00	1	1	0	0	0
23:00	2	2	0	0	0
Total					
12H(7-19)	735	651	80	3	1
16H(6-22)	793	700	89	3	1
18H(6-24)	796	703	89	3	1
24H(0-24)	809	713	92	3	1
AM Peak	11:00	11:00	09:00	11:00	00:00
	51	47	5	1	0
PM Peak	17:00	17:00	18:00	13:00	17:00
	167	150	19	1	1

360 TSL Ltd

Direction: Westbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	4	4	0	0	0
01:00	0	0	0	0	0
02:00	1	1	0	0	0
03:00	0	0	0	0	0
04:00	1	0	1	0	0
05:00	1	1	0	0	0
06:00	6	5	1	0	0
07:00	5	4	1	0	0
08:00	13	10	3	0	0
09:00	14	12	2	0	0
10:00	26	22	3	1	0
11:00	36	32	4	0	0
12:00	37	33	4	0	0
13:00	43	42	1	0	0
14:00	34	31	3	0	0
15:00	43	40	2	1	0
16:00	28	24	4	0	0
17:00	32	28	4	0	0
18:00	14	13	1	0	0
19:00	15	14	1	0	0
20:00	16	16	0	0	0
21:00	7	6	1	0	0
22:00	4	2	2	0	0
23:00	1	1	0	0	0
Total					
12H(7-19)	325	291	32	2	0
16H(6-22)	369	332	35	2	0
18H(6-24)	374	335	37	2	0
24H(0-24)	381	341	38	2	0
AM Peak	11:00	11:00	11:00	10:00	00:00
	36	32	4	1	0
PM Peak	13:00	13:00	12:00	15:00	12:00
	43	42	4	1	0

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	6	6	0	0	0
01:00	0	0	0	0	0
02:00	4	4	0	0	0
03:00	0	0	0	0	0
04:00	4	1	3	0	0
05:00	6	5	1	0	0
06:00	13	9	4	0	0
07:00	18	13	5	0	0
08:00	23	18	5	0	0
09:00	35	28	7	0	0
10:00	67	61	5	1	0
11:00	87	79	7	1	0
12:00	72	63	9	0	0
13:00	88	82	5	1	0
14:00	88	79	9	0	0
15:00	95	88	6	1	0
16:00	141	126	15	0	0
17:00	199	178	19	1	1
18:00	147	127	20	0	0
19:00	47	43	4	0	0
20:00	30	28	2	0	0
21:00	12	10	2	0	0
22:00	5	3	2	0	0
23:00	3	3	0	0	0
Total					
12H(7-19)	1060	942	112	5	1
16H(6-22)	1162	1032	124	5	1
18H(6-24)	1170	1038	126	5	1
24H(0-24)	1190	1054	130	5	1
AM Peak	11:00	11:00	09:00	10:00	00:00
	87	79	7	1	0
PM Peak	17:00	17:00	18:00	13:00	17:00
	199	178	20	1	1

360 TSL Ltd



# North Wales ATC 19, B5381 Glascoed Road

Direction: Eastbound

03/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	0	0	0	0	0
01:00	1	1	0	0	0
02:00	1	1	0	0	0
03:00	0	0	0	0	0
04:00	4	2	1	1	0
05:00	4	2	1	0	1
06:00	21	15	6	0	0
07:00	54	40	13	0	1
08:00	90	74	16	0	0
09:00	56	44	10	2	0
10:00	41	33	7	0	1
11:00	64	56	8	0	0
12:00	64	48	15	1	0
13:00	40	32	8	0	0
14:00	63	47	14	0	2
15:00	84	66	18	0	0
16:00	63	49	13	0	1
17:00	75	63	11	1	0
18:00	35	32	3	0	0
19:00	14	12	2	0	0
20:00	11	11	0	0	0
21:00	8	7	1	0	0
22:00	1	1	0	0	0
23:00	1	1	0	0	0
Total					
12H(7-19)	729	584	136	4	5
16H(6-22)	783	629	145	4	5
18H(6-24)	785	631	145	4	5
24H(0-24)	795	637	147	5	6
AM Peak	08:00	08:00	08:00	09:00	05:00
	90	74	16	2	1
PM Peak	15:00	15:00	15:00	12:00	14:00
	84	66	18	1	2

360 TSL Ltd

Direction: Westbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	1	1	0	0	0
01:00	0	0	0	0	0
02:00	0	0	0	0	0
03:00	1	1	0	0	0
04:00	1	1	0	0	0
05:00	3	3	0	0	0
06:00	13	12	1	0	0
07:00	39	34	4	0	1
08:00	77	63	13	0	1
09:00	43	33	10	0	0
10:00	73	62	11	0	0
11:00	47	36	10	0	1
12:00	45	36	8	1	0
13:00	53	40	12	0	1
14:00	77	60	16	0	1
15:00	69	53	15	0	1
16:00	70	61	9	0	0
17:00	75	59	16	0	0
18:00	33	29	4	0	0
19:00	28	22	6	0	0
20:00	6	6	0	0	0
21:00	18	14	3	1	0
22:00	7	7	0	0	0
23:00	2	2	0	0	0
Total					
12H(7-19)	701	566	128	1	6
16H(6-22)	766	620	138	2	6
18H(6-24)	775	629	138	2	6
24H(0-24)	781	635	138	2	6
AM Peak	08:00	08:00	08:00	00:00	07:00
	77	63	13	0	1
PM Peak	14:00	16:00	14:00	12:00	13:00
	77	61	16	1	1

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	1	1	0	0	0
01:00	1	1	0	0	0
02:00	1	1	0	0	0
03:00	1	1	0	0	0
04:00	5	3	1	1	0
05:00	7	5	1	0	1
06:00	34	27	7	0	0
07:00	93	74	17	0	2
08:00	167	137	29	0	1
09:00	99	77	20	2	0
10:00	114	95	18	0	1
11:00	111	92	18	0	1
12:00	109	84	23	2	0
13:00	93	72	20	0	1
14:00	140	107	30	0	3
15:00	153	119	33	0	1
16:00	133	110	22	0	1
17:00	150	122	27	1	0
18:00	68	61	7	0	0
19:00	42	34	8	0	0
20:00	17	17	0	0	0
21:00	26	21	4	1	0
22:00	8	8	0	0	0
23:00	3	3	0	0	0
Total					
12H(7-19)	1430	1150	264	5	11
16H(6-22)	1549	1249	283	6	11
18H(6-24)	1560	1260	283	6	11
24H(0-24)	1576	1272	285	7	12
AM Peak	08:00	08:00	08:00	09:00	07:00
	167	137	29	2	2
PM Peak	15:00	17:00	15:00	12:00	14:00
	153	122	33	2	3

360 TSL Ltd



# North Wales ATC 19, B5381 Glascoed Road

Direction: Eastbound

04/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	2	2	0	0	0
01:00	0	0	0	0	0
02:00	2	1	1	0	0
03:00	0	0	0	0	0
04:00	2	2	0	0	0
05:00	7	6	1	0	0
06:00	9	8	0	0	1
07:00	52	37	15	0	0
08:00	70	60	9	1	0
09:00	55	39	14	1	1
10:00	71	59	11	0	1
11:00	56	44	12	0	0
12:00	83	66	17	0	0
13:00	69	59	10	0	0
14:00	81	72	9	0	0
15:00	61	48	12	0	1
16:00	73	58	14	0	1
17:00	64	55	9	0	0
18:00	29	26	3	0	0
19:00	12	12	0	0	0
20:00	15	12	3	0	0
21:00	7	5	2	0	0
22:00	2	1	1	0	0
23:00	0	0	0	0	0
Total					
12H(7-19)	764	623	135	2	4
16H(6-22)	807	660	140	2	5
18H(6-24)	809	661	141	2	5
24H(0-24)	822	672	143	2	5
AM Peak	10:00	08:00	07:00	08:00	06:00
	71	60	15	1	1
PM Peak	12:00	14:00	12:00	12:00	15:00
	83	72	17	0	1

360 TSL Ltd

Direction: Westbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	2	1	1	0	0
01:00	4	2	2	0	0
02:00	0	0	0	0	0
03:00	0	0	0	0	0
04:00	1	1	0	0	0
05:00	2	2	0	0	0
06:00	12	11	1	0	0
07:00	35	32	2	0	1
08:00	99	80	19	0	0
09:00	64	56	8	0	0
10:00	60	51	8	0	1
11:00	65	51	14	0	0
12:00	68	55	13	0	0
13:00	85	71	14	0	0
14:00	52	42	10	0	0
15:00	48	39	8	1	0
16:00	66	53	12	0	1
17:00	73	62	11	0	0
18:00	39	33	6	0	0
19:00	28	22	6	0	0
20:00	13	9	4	0	0
21:00	16	16	0	0	0
22:00	6	5	1	0	0
23:00	0	0	0	0	0
Total					
12H(7-19)	754	625	125	1	3
16H(6-22)	823	683	136	1	3
18H(6-24)	829	688	137	1	3
24H(0-24)	838	694	140	1	3
AM Peak	08:00	08:00	08:00	00:00	07:00
	99	80	19	0	1
PM Peak	13:00	13:00	13:00	15:00	16:00
	85	71	14	1	1

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	4	3	1	0	0
01:00	4	2	2	0	0
02:00	2	1	1	0	0
03:00	0	0	0	0	0
04:00	3	3	0	0	0
05:00	9	8	1	0	0
06:00	21	19	1	0	1
07:00	87	69	17	0	1
08:00	169	140	28	1	0
09:00	119	95	22	1	1
10:00	131	110	19	0	2
11:00	121	95	26	0	0
12:00	151	121	30	0	0
13:00	154	130	24	0	0
14:00	133	114	19	0	0
15:00	109	87	20	1	1
16:00	139	111	26	0	2
17:00	137	117	20	0	0
18:00	68	59	9	0	0
19:00	40	34	6	0	0
20:00	28	21	7	0	0
21:00	23	21	2	0	0
22:00	8	6	2	0	0
23:00	0	0	0	0	0
Total					
12H(7-19)	1518	1248	260	3	7
16H(6-22)	1630	1343	276	3	8
18H(6-24)	1638	1349	278	3	8
24H(0-24)	1660	1366	283	3	8
AM Peak	08:00	08:00	08:00	08:00	10:00
	169	140	28	1	2
PM Peak	13:00	13:00	12:00	15:00	16:00
	154	130	30	1	2

360 TSL Ltd



Direction: Eastbound

360 TSL Ltd

Hour	Total
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360 TSL Ltd

Hour	Total
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360 TSL Ltd



North Wales ATC 19, B5381 Glascoed Road

Direction: Eastbound

29/04/2022																
Hour Beginning	Total Volume	ESD Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-40	Bin 5 40-45	Bin 6 45-50	Bin 7 50-55	Bin 8 55-60	Bin 9 60-65	Bin 10 65-70	Bin 11 70-80	Bin 12 >80
00:00	1	-	25.0	-	0	0	1	0	0	0	0	0	0	0	0	0
01:00	1	-	25.0	-	0	0	1	0	0	0	0	0	0	0	0	0
02:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
04:00	2	51.0	40.0	10.6	0	0	0	1	0	0	0	0	0	0	0	0
05:00	8	52.8	43.8	9.7	0	0	0	0	5	1	1	0	0	0	0	0
06:00	18	53.1	45.6	7.3	0	0	1	0	0	6	10	0	0	0	1	0
07:00	52	55.4	45.0	10.3	0	7	1	1	3	10	15	11	3	2	0	0
08:00	94	46.8	39.5	7.0	0	7	14	28	27	15	1	1	1	0	0	0
09:00	40	43.5	36.3	7.0	0	1	3	13	13	6	3	1	0	0	0	0
10:00	47	42.6	36.5	5.9	0	0	4	10	16	14	1	0	0	0	0	0
11:00	109	38.0	31.1	6.7	0	0	48	35	15	9	0	1	1	0	0	0
12:00	92	35.2	29.5	5.5	0	0	49	29	10	3	1	0	0	0	0	0
13:00	85	40.3	33.4	6.6	0	1	23	22	25	13	1	0	0	0	0	0
14:00	58	38.3	32.2	5.9	0	0	18	22	13	4	1	0	0	0	0	0
15:00	73	40.5	33.4	6.8	0	2	15	29	13	12	2	0	0	0	0	0
16:00	80	42.1	34.1	7.7	0	0	26	14	24	8	7	1	0	0	0	0
17:00	74	39.5	32.6	6.8	0	0	26	21	16	8	3	0	0	0	0	0
18:00	35	42.0	33.6	8.1	0	0	14	3	10	6	1	1	0	0	0	0
19:00	11	47.2	38.9	8.0	0	0	2	1	5	2	0	0	0	0	0	0
20:00	5	51.6	40.0	11.2	0	0	1	1	0	1	1	1	0	0	0	0
21:00	4	36.3	33.8	7.5	0	0	0	3	1	0	0	0	0	0	0	0
22:00	1	-	25.0	-	0	0	1	0	0	0	0	0	0	0	0	0
23:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
Total																
29E19-32	156	39.9	32.8	6.9	0	0	54	45	31	23	1	1	1	0	0	0
29E14-16	111	39.6	32.9	6.4	0	2	33	51	26	16	3	0	0	0	0	0
12N17-19	889	42.5	34.3	7.9	0	4	242	213	186	120	60	36	5	3	0	0
24H19-24	890	43.1	34.7	8.1	0	4	249	219	193	133	65	37	5	5	0	0
AM Peak																
11:00	67.00	06.00	04.00	00.00	00.00	09.00	11.00	11.00	08.00	08.00	07.00	07.00	07.00	07.00	00.00	00.00
109	55.4	45.6	10.6	0	1	48	35	28	27	15	11	3	2	0	0	0
PM Peak																
12:00	20.00	20.00	20.00	20.00	12.00	15.00	12.00	12.00	13.00	13.00	16.00	16.00	12.00	12.00	12.00	12.00
92	51.6	40.0	11.2	0	2	49	29	25	13	7	1	0	0	0	0	0

360 TSL Ltd

Direction: Westbound

Hour Beginning	Total Volume	ESD Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-40	Bin 5 40-45	Bin 6 45-50	Bin 7 50-55	Bin 8 55-60	Bin 9 60-65	Bin 10 65-70	Bin 11 70-80	Bin 12 >80			
00:00	3	25.0	25.0	0.0	0	0	3	0	0	0	0	0	0	0	0	0			
01:00	1	42.5	-	-	0	0	0	0	0	1	0	0	0	0	0	0			
02:00	1	-	32.5	-	0	0	0	1	0	0	0	0	0	0	0	0			
03:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0			
04:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0			
05:00	1	-	32.5	-	0	0	0	1	0	0	0	0	0	0	0	0			
06:00	7	48.8	39.3	9.2	0	0	1	1	2	1	1	1	0	0	0	0			
07:00	28	45.1	37.9	7.0	0	0	2	10	5	6	4	1	0	0	0	0			
08:00	88	44.3	38.6	5.5	0	1	1	16	38	24	7	0	1	0	0	0			
09:00	54	43.6	37.2	6.1	0	0	4	16	18	10	5	1	0	0	0	0			
10:00	56	42.2	34.4	6.6	0	1	15	43	16	13	5	1	0	0	0	0			
11:00	89	37.4	30.0	7.1	0	7	32	29	15	5	1	0	0	0	0	0			
12:00	81	39.8	33.7	5.9	0	1	15	30	28	4	3	0	0	0	0	0			
13:00	71	39.3	31.8	7.3	0	3	24	18	18	2	0	0	0	0	0	0			
14:00	70	42.6	34.6	7.7	0	3	10	27	11	13	6	0	0	0	0	0			
15:00	68	39.9	33.9	5.9	0	0	15	22	22	8	1	0	0	0	0	0			
16:00	83	44.8	36.8	7.8	0	0	12	27	17	16	5	5	1	0	0	0			
17:00	65	43.0	37.1	6.7	0	0	3	19	19	18	4	0	0	0	0	0			
18:00	51	42.4	37.6	4.6	0	0	2	10	25	12	2	0	0	0	0	0			
19:00	21	43.6	37.1	6.2	0	0	3	2	9	6	1	0	0	0	0	0			
20:00	9	48.6	41.4	7.0	0	0	0	2	2	2	2	1	0	0	0	0			
21:00	7	44.7	39.6	4.9	0	0	0	1	3	2	1	0	0	0	0	0			
22:00	6	33.0	28.8	6.3	0	0	3	3	0	0	0	0	0	0	0	0			
23:00	3	43.8	40.8	2.9	0	0	0	0	1	2	0	0	0	0	0	0			
Total																			
29E19-32	183	39.7	32.2	7.2	0	8	47	72	31	18	6	1	0	0	0	0			
29E14-16	138	41.3	34.2	6.8	0	3	25	49	33	21	7	0	0	0	0	0			
12N17-19	842	42.2	35.0	7.0	0	16	137	267	232	135	45	8	2	0	0	0			
24H19-24	904	42.4	35.1	7.0	0	16	147	279	249	151	50	10	2	0	0	0			
AM Peak																			
10:00	06.00	02.00	06.00	00.00	00.00	11.00	11.00	10.00	08.00	08.00	08.00	06.00	08.00	00.00	00.00	00.00			
84	48.8	42.5	9.2	0	7	32	43	38	24	7	1	1	0	0	0	0			
PM Peak																			
12:00	20.00	20.00	20.00	20.00	12.00	13.00	13.00	12.00	12.00	17.00	14.00	16.00	16.00	12.00	12.00	12.00			
83	46.6	41.4	7.8	0	3	32	35	28	18	6	5	1	0	0	0	0			

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	ESD Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-40	Bin 5 40-45	Bin 6 45-50	Bin 7 50-55	Bin 8 55-60	Bin 9 60-65	Bin 10 65-70	Bin 11 70-80	Bin 12 >80
00:00	44.4	0.0	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	4	25.0	25.0	0.0	0	0	4	0	0	0	0	0	0	0	0	0
02:00	1	0.0	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	9	1	32.5	-	-	0	0	1	1	1	0	0	0	0	0	0
04:00	2	51.0	40.0	20.0	0	0	0	1	0	0	0	0	0	0	0	0
05:00	1	0.0	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0
06:00	25	52.3	43.8	8.2	0	0	2	1	2	7	15	1	0	0	0	0
07:00	3	0.5	0.7	0.1	0	0	9	11	16	16	18	2	2	2	0	0
08:00	182	45.7	38.1	6.4	0	1	8	30	66	55	22	1	2	1	0	0
09:00	408	40.8	35.8	6.5	1	7	29	58	61	35	15	3	1	0	0	0
10:00	341	41.8	35.1	6.8	0	1	21	53	32	27	6	1	0	0	0	0
11:00	198	37.8	30.6	6.0	0	7	80	64	30	14	1	1	1	0	0	0
12:00	175	37.7	30.5	6.0	0	1	64	50	24	17	7	0	0	0	0	0
13:00	156	35.9	32.7	7.0	0	0	4	47	40	43	19	3	0	0	0	0
14:00	70	34.5	7.0	0.0	0	3	28	28	28	24	17	7	0	0	0	0
15:00	341	40.2	33.6	6.4	0	2	38	30	51	35	20	3	0	0	0	0
16:00	70	34.5	7.0	0.0	0	3	28	28	28	24	17	7	0	0	0	0
17:00	139	41.6	34.7	6.7	0	0	31	40	35	26	7	0	0	0	0	0
18:00	38	44.7	37.8	6.8	0	0	16	13	10	18	3	0	0	0	0	0
19:00	12	0.0	0.0	0.0	0	0	5	3	3	0	0	0	0	0	0	0
20:00	14	49.5	40.9	8.3	0	0	1	3	2	3	3	2	0	0	0	0
21:00	43	62.7	51.5	10.0	0	0	0	4	4	2	1	0	0	0	0	0
22:00	7	32.4	28.2	4.0	0	0	0	4	3	0	0	0	0	0	0	0
23:00	3	43.8	45.8	2.3	0	0	0	0	0	1	2	0	0	0	0	0
Total																
2PM-12:15	339	39.8	32.5	7.0	0	8	205	117	62	41	7	2	1	0	0	0
2PM-12:45	269	40.5	33.6	6.7	0	5	158	100	59	37	10	3	0	0	0	0
2PM-1:15	244	40.4	33.6	6.7	0	3	209	87	48	26	9	2	1	0	0	0
2PM-1:45	1794	42.8	34.9	7.6	0	20	396	408	438	282	155	27	7	5	0	0
AM-10:00																
11:00	07:00	06:00	06:00	00:00	11:00	11:00	12:00	12:00	13:00	14:00	08:00	07:00	07:00	07:00	00:00	00:00
12:00	18	32.5	43.8	10.8	0	7	80	64	66	51	22	12	3	2	0	0
PM-PM	12:00	20:00	20:00	12:00	13:00	12:00	12:00	12:00	13:00	16:00	16:00	16:00	12:00	12:00	12:00	12:00



North Wales ATC 19, B5381 Glascoed Road

Direction: Eastbound

30/04/2022																
Hour Beginning	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-40	Bin 5 40-45	Bin 6 45-50	Bin 7 50-55	Bin 8 55-60	Bin 9 60-65	Bin 10 65-70	Bin 11 70-80	Bin 12 >80
00:00	5	39.9	29.5	10.1	0	0	4	0	0	0	1	0	0	0	0	0
01:00	1	-	47.5	-	0	0	0	0	0	0	1	0	0	0	0	0
02:00	3	32.5	32.5	0.0	0	0	0	2	0	0	0	0	0	0	0	0
03:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
05:00	2	48.7	45.0	3.5	0	0	0	0	0	0	1	0	0	0	0	0
06:00	8	44.0	37.2	6.6	0	0	1	1	4	1	1	0	0	0	0	0
07:00	7	46.2	39.6	6.4	0	0	0	0	1	4	1	0	0	0	0	0
08:00	31	41.9	32.6	9.0	0	3	8	6	6	7	1	0	0	0	0	0
09:00	39	41.4	34.0	7.1	0	0	12	6	15	3	3	0	0	0	0	0
10:00	46	40.4	33.4	6.9	0	2	9	13	15	7	0	0	0	0	0	0
11:00	32	46.5	38.4	7.8	0	0	4	5	11	6	4	1	0	0	0	0
12:00	39	50.2	40.9	9.0	0	0	4	5	8	11	7	1	2	1	0	0
13:00	39	45.5	36.9	8.4	0	0	8	10	5	9	5	2	0	0	0	0
14:00	33	47.9	38.9	8.7	0	1	3	4	11	7	4	2	1	0	0	0
15:00	36	48.8	39.0	9.4	0	0	5	7	10	5	5	2	1	1	0	0
16:00	33	45.1	36.2	8.6	0	2	3	8	9	8	3	2	0	0	0	0
17:00	25	46.3	39.3	6.7	0	0	2	4	7	6	6	0	0	0	0	0
18:00	15	52.5	40.5	11.5	0	0	3	1	3	5	0	1	1	1	0	0
19:00	13	52.9	39.6	12.8	0	0	4	1	1	3	1	2	0	1	0	0
20:00	10	53.3	40.8	12.1	0	0	2	1	1	4	0	1	0	1	0	0
21:00	5	42.4	28.0	13.9	0	2	1	0	0	2	0	0	0	0	0	0
22:00	5	46.5	39.5	6.7	0	0	0	2	0	2	1	0	0	0	0	0
23:00	1	-	47.5	-	0	0	0	0	0	0	1	0	0	0	0	0
Total																
78	43.4	35.5	7.7	0	2	13	18	26	13	4	1	1	0	0	0	0
201610-16	69	48.3	38.9	9.0	0	1	8	11	21	12	9	4	2	1	0	0
120167-19	175	46.0	37.0	8.7	0	8	61	70	104	75	36	12	4	3	0	0
240169-24	427	46.4	37.1	9.0	0	10	75	77	110	88	43	15	6	5	0	0
AM Peak	10:00	01:00	01:00	00:00	00:00	08:00	09:00	10:00	09:00	08:00	11:00	07:00	11:00	00:00	00:00	00:00
	46	48.7	47.5	10.1	0	3	12	13	15	7	4	1	1	0	0	0
PM Peak	12:00	20:00	21:00	21:00	12:00	16:00	13:00	13:00	14:00	12:00	12:00	13:00	12:00	12:00	12:00	12:00
	39	53.3	47.5	12.9	0	2	8	10	11	11	7	2	2	1	0	0

360 TSL Ltd

Direction: Westbound

Hour Beginning	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-40	Bin 5 40-45	Bin 6 45-50	Bin 7 50-55	Bin 8 55-60	Bin 9 60-65	Bin 10 65-70	Bin 11 70-80	Bin 12 >80
00:00	7	43.5	34.3	8.9	0	0	3	0	1	3	0	0	0	0	0	0
01:00	3	63.5	48.3	14.6	0	0	0	0	0	1	0	0	0	0	0	0
02:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
03:00	1	-	32.5	-	0	0	0	0	1	0	0	0	0	0	0	0
04:00	3	24.3	18.3	5.8	0	2	1	0	0	0	0	0	0	0	0	0
05:00	1	-	37.5	-	0	0	0	0	0	1	0	0	0	0	0	0
06:00	5	44.1	39.5	4.5	0	0	0	1	1	3	0	0	0	0	0	0
07:00	6	44.9	37.9	6.8	0	0	1	0	2	3	0	0	0	0	0	0
08:00	17	40.2	36.3	3.8	0	0	0	7	7	7	0	0	0	0	0	0
09:00	37	41.2	32.6	8.3	0	3	7	15	4	6	2	0	0	0	0	0
10:00	47	41.6	35.1	6.3	0	0	7	19	10	8	1	0	0	0	0	0
11:00	45	44.7	35.9	8.5	1	1	4	12	17	5	2	3	0	0	0	0
12:00	45	44.3	38.2	5.8	0	0	3	8	18	10	6	0	0	0	0	0
13:00	57	50.9	39.4	11.1	0	3	4	8	16	16	4	1	2	2	1	0
14:00	42	41.5	36.5	4.9	0	0	2	13	19	6	2	0	0	0	0	0
15:00	36	46.1	36.6	9.2	0	2	4	5	15	6	3	0	0	0	0	0
16:00	41	47.0	38.7	8.0	0	1	3	6	14	10	4	2	1	0	0	0
17:00	37	44.2	36.8	7.1	0	0	6	5	16	7	2	0	0	0	0	0
18:00	20	45.9	37.8	7.8	0	0	2	6	6	7	2	2	0	0	0	0
19:00	12	41.3	37.5	3.7	0	0	0	3	6	3	0	0	0	0	0	0
20:00	13	45.4	38.8	6.3	0	0	1	3	1	7	1	0	0	0	0	0
21:00	10	50.1	40.0	9.7	0	0	2	1	0	5	0	2	0	0	0	0
22:00	4	41.3	38.8	2.5	0	0	0	0	0	3	1	0	0	0	0	0
23:00	9	46.6	39.7	6.7	0	0	0	2	4	1	1	1	0	0	0	0
Total																
201610-12	92	43.2	35.5	7.4	1	1	11	31	27	13	5	3	0	0	0	0
201614-16	78	43.9	36.6	7.1	0	2	6	18	34	12	5	0	0	0	0	0
120167-19	430	45.1	36.8	8.0	1	10	43	104	144	82	30	8	4	3	1	0
240169-24	498	45.1	37.0	8.0	1	12	50	115	162	106	32	11	4	4	1	0
AM Peak	10:00	01:00	01:00	01:00	11:00	09:00	09:00	10:00	11:00	10:00	10:00	11:00	00:00	01:00	00:00	00:00
	47	43.5	48.3	14.6	1	3	7	19	17	8	3	3	0	1	0	0
PM Peak	13:00	13:00	21:00	12:00	12:00	13:00	17:00	14:00	14:00	13:00	12:00	13:00	13:00	13:00	12:00	12:00
	57	50.9	40.0	11.1	0	3	6	13	19	16	6	2	2	2	1	0

360 TSL Ltd

Direction: Total Flow

Hour	Total	ESD	Mean	Standard	Bin 1	Bin 2	Bin 3	Bin 4	Bin 5	Bin 6	Bin 7	Bin 8	Bin 9	Bin 10	Bin 11	Bin 12
Beginning	Volume	Percentage	Average	Deviation	<10mph	10-20	20-30	30-40	40-45	45-50	50-55	55-60	60-65	65-70	70-80	>80
00:00	12	41.9	32.3	9.3	0	0	7	0	1	3	1	0	0	0	0	0
01:00	4	60.5	48.1	12.0	0	0	0	0	1	1	1	0	0	0	0	0
02:00	2	31.5	32.5	6.0	0	0	0	2	0	0	0	0	0	0	0	0
03:00	1	-	32.5	-	0	0	0	1	0	0	0	0	0	0	0	0
04:00	3	24.3	18.3	5.8	0	2	1	0	0	0	0	0	0	0	0	0
05:00	3	47.7	42.5	5.0	0	0	0	0	1	1	1	0	0	0	0	0
06:00	13	44.1	38.1	5.8	0	0	1	2	5	4	1	0	0	0	0	0
07:00	13	45.4	38.8	6.3	0	0	1	1	6	4	0	1	0	0	0	0
08:00	48	41.9	33.9	7.8	0	3	8	13	13	10	1	0	0	0	0	0
09:00	76	41.5	33.4	7.7	0	3	19	71	19	9	5	0	0	0	0	0
10:00	93	41.1	34.3	6.6	0	2	16	32	25	15	3	0	0	0	0	0
11:00	77	45.5	37.0	8.0	1	2	8	17	28	11	6	0	0	0	0	0
12:00	84	47.3	39.5	7.5	0	0	7	13	26	21	13	1	2	1	0	0
13:00	96	46.9	38.4	10.1	0	3	12	38	21	20	9	1	2	1	0	0
14:00	75	44.7	37.6	6.9	0	1	5	17	30	13	6	2	1	0	0	0
15:00	72	47.5	37.8	9.3	0	2	9	12	25	11	8	2	1	2	0	0
16:00	74	46.2	37.6	8.3	0	3	5	14	23	18	5	4	1	0	0	0
17:00	62	45.1	37.8	7.0	0	0	8	9	23	13	8	0	1	0	0	0
18:00	35	48.9	38.9	9.5	0	0	5	7	9	7	3	2	1	0	0	0
19:00	25	48.4	38.6	9.5	0	0	4	4	7	6	1	2	0	1	0	0
20:00	23	49.1	39.7	9.1	0	0	3	4	2	11	1	1	0	1	0	0
21:00	15	48.7	36.0	12.2	0	2	3	1	1	7	0	2	0	0	0	0
22:00	9	44.3	39.2	5.0	0	0	0	2	3	3	1	0	0	0	0	0
23:00	10	47.5	40.5	6.7	0	0	0	2	4	1	2	1	0	0	0	0
Total																
201610-12	170	43.3	35.5	7.5	1	3	24	49	53	26	9	4	1	0	0	0
147	461	37.7	8.1	0	1	3	14	29	35	24	14	4	2	2	0	0
805	453	45.9	8.1	1	18	104	374	248	137	66	30	10	0	0	0	0
2440	24	44.3	37.0	8.1	1	22	123	272	172	104	75	26	10	9	1	0
201610-24	925	48.8	37.0	8.5	1	22	123	272	172	104	75	26	10	9	1	0
201610-24	925	48.8	37.0	8.5	1	22	123	272	172	104	75	26	10	9	1	0
201610-24	925	48.8	37.0	8.5	1	22	123	272	172	104	75	26	10	9	1	0
201610-24	925	48.8	37.0	8.5	1	22	123	272	172	104	75	26	10	9	1	0
201610-24	925	48.8	37.0	8.5	1	22	123	272	172	104	75	26	10	9	1	0
201610-24	925	48.8	37.0	8.5	1	22	123	272	172	104	75	26	10	9	1	0
201610-24	925	48.8	37.0	8.5	1	22	123	272	172	104	75	26	10	9	1	0
201610-24	925	48.8	37.0	8.5	1	22	123	272	172	104	75	26	10	9	1	0
201610-24	925	48.8	37.0	8.5	1	22	123	272	172	104	75	26	10	9	1	0
201610-24	925	48.8	37.0	8.5	1	22	123	272	172	104	75	26	10	9	1	0
201610-24	925	48.8	37.0	8.5	1	22	123	272	172	104	75	26	10	9	1	0
201610-24	925	48.8	37.0	8.5	1	22	123	272	172	104	75	26	10	9	1	0
201610-24	925	48.8	37.0	8.5	1	22	123	272	172	104	75	26	10	9	1	0
201610-24	925	48.8	37.0	8.5	1	22	123	272	172	104	75	26	10	9	1	0
201610-24	925	48.8	37.0	8.5	1	22	123	272	172	104	75	26	10	9	1	0
201610-24	925	48.8	37.0	8.5	1	22	123	272	172	104	75	26	10	9	1	0
201610-24	925	48.8	37.0	8.5	1	22	123	272	172	104	75	26	10	9	1	0
201610-24	925	48.8	37.0	8.5	1	22	123	272	172	104	75	26	10	9	1	0
201610-24	925	48.8	37.0	8.5	1	22	123	272	172	104	75	26	10	9	1	0
201610-24	925	48.8	37.0	8.5	1	22	123	272	172	104	75	26	10	9	1	0
201610-24	925	48.8	37.0	8.5	1	22	123	272	172	104	75	26	10	9	1	0
201610-24	925	48.8	37.0	8.5	1	22	123	272	172	104	75	26	10	9	1	0
201610-24	925	48.8	37.0	8.5	1	22	123	272	172	104	75	26	10	9	1	0
201610-24	925	48.8	37.0	8.5	1	22	123	272	172	104	75	26	10	9	1	0
201610-24	925	48.8	37.0	8.5	1	22	123	272	172	104	75	26	10	9	1	0
201610-24	925	48.8	37.0	8.5	1	22	123	272	172	104	75	26	10	9	1	0
201610-24	925	48.8	37.0	8.5	1	22	123	272	172	104	75	26	10	9	1	0
201610-24	925	48.8	37.0	8.5	1	22	123	272	172	104	75	26	10	9	1	0
201610-24	925	48.8	37.0	8.5	1	22	123	272	172	104	75	26	10	9	1	0
201610-24	925	48.8	37.0	8.5	1	22	123	272								



North Wales ATC 19, B5381 Glascoed Road

Direction: Eastbound

01/05/2022																
Hour Beginning	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-40	Bin 5 40-45	Bin 6 45-50	Bin 7 50-55	Bin 8 55-60	Bin 9 60-65	Bin 10 65-70	Bin 11 70-80	Bin 12 >80
00:00	2	47.5	47.5	0.0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
04:00	2	58.9	38.8	10.4	0	0	1	0	0	0	0	1	0	0	0	0
05:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
06:00	2	67.9	58.8	8.8	0	0	0	0	0	0	0	1	0	1	0	0
07:00	3	48.3	35.0	8.0	0	0	1	0	1	1	0	0	0	0	0	0
08:00	8	49.0	37.2	11.4	0	1	0	2	2	1	1	1	0	0	0	0
09:00	17	46.1	39.6	8.3	0	0	2	1	1	0	0	0	0	0	0	0
10:00	27	45.2	38.9	6.1	0	0	1	4	9	7	3	1	0	0	0	0
11:00	37	47.8	38.4	9.1	0	0	7	6	9	4	8	2	1	0	0	0
12:00	38	45.4	37.0	8.0	0	0	7	6	14	5	4	1	1	0	0	0
13:00	34	44.8	37.5	7.0	0	0	4	7	11	9	2	0	1	0	0	0
14:00	34	49.8	40.6	8.0	0	0	4	4	9	5	0	0	3	0	0	0
15:00	36	46.5	38.6	7.6	0	0	3	7	13	7	5	0	0	1	0	0
16:00	33	43.8	36.3	7.2	0	0	6	8	8	4	6	0	0	0	0	0
17:00	21	47.4	38.6	8.5	0	1	0	5	7	5	1	1	1	0	0	0
18:00	22	46.3	40.3	5.8	0	0	1	2	6	10	2	1	0	0	0	0
19:00	18	47.2	40.4	6.5	0	0	1	1	8	3	4	1	0	0	0	0
20:00	11	49.2	41.8	7.1	0	0	1	0	2	5	2	1	0	0	0	0
21:00	5	49.9	39.0	10.5	0	0	1	1	0	2	0	1	0	0	0	0
22:00	3	46.4	29.2	16.6	0	1	1	0	0	0	1	0	0	0	0	0
23:00	1	-	42.5	-	0	0	0	0	0	1	0	0	0	0	0	0
Total 2H(0-12)	64	46.8	38.6	7.9	0	0	8	12	18	11	11	3	1	0	0	0
2H(14-16)	70	48.1	39.6	8.3	0	0	7	11	22	12	14	0	3	1	0	0
12H(7-19)	110	46.5	38.4	7.9	0	2	36	56	92	69	41	9	7	1	0	0
24H(0-24)	154	47.1	38.7	8.1	0	3	41	58	102	77	50	14	7	2	0	0
AM Peak	11:00	06:00	06:00	06:00	00:00	08:00	11:00	10:00	10:00	10:00	11:00	09:00	11:00	06:00	00:00	00:00
	37	67.9	58.8	18.4	0	1	7	6	9	7	8	2	1	1	0	0
PM Peak	12:00	21:00	21:00	22:00	12:00	17:00	12:00	16:00	12:00	18:00	14:00	12:00	14:00	15:00	12:00	12:00
	38	49.9	42.5	16.6	0	1	7	8	14	10	9	1	3	1	0	0

360 TSL Ltd

Direction: Westbound

01/05/2022																
Hour Beginning	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-35	Bin 5 35-40	Bin 6 40-45	Bin 7 45-50	Bin 8 50-55	Bin 9 55-60	Bin 10 60-70	Bin 11 70-80	Bin 12 >80
00:00	1	-	42.5	-	0	0	0	0	0	1	0	0	0	0	0	0
01:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
04:00	2	58.9	38.8	10.4	0	0	1	0	0	0	0	1	0	0	0	0
05:00	2	38.7	35.0	3.5	0	0	0	1	1	0	0	0	0	0	0	0
06:00	2	38.7	35.0	3.5	0	0	0	1	1	0	0	0	0	0	0	0
07:00	5	45.3	37.0	8.0	0	0	1	1	0	3	0	0	0	0	0	0
08:00	10	42.5	38.0	4.4	0	0	2	6	0	1	0	0	0	0	0	0
09:00	8	41.4	35.3	5.9	0	0	1	3	2	2	0	0	0	0	0	0
10:00	17	46.7	38.8	7.6	0	0	2	6	8	1	0	0	0	0	0	0
11:00	37	47.2	38.8	8.1	0	0	3	10	11	4	6	1	2	0	0	0
12:00	37	42.6	36.1	6.3	0	0	3	16	10	4	3	1	0	0	0	0
13:00	26	48.6	35.9	8.4	0	1	4	6	7	1	0	0	0	0	0	0
14:00	29	46.7	39.0	7.5	0	0	2	5	10	9	2	0	0	1	0	0
15:00	47	45.0	38.4	6.4	0	2	11	20	6	3	2	1	0	0	0	0
16:00	31	43.5	35.7	7.5	0	0	6	8	9	6	1	0	1	0	0	0
17:00	19	46.7	40.1	5.4	0	0	0	3	8	3	5	0	0	0	0	0
18:00	14	46.3	40.7	5.4	0	0	0	3	7	2	3	0	0	0	0	0
19:00	12	46.8	40.8	5.8	0	0	0	1	6	2	2	1	0	0	0	0
20:00	9	52.0	41.7	10.0	0	0	0	2	3	1	0	0	1	0	0	0
21:00	8	53.8	44.7	8.8	0	0	0	0	2	4	1	0	0	1	0	0
22:00	3	54.8	47.5	7.1	0	0	0	0	0	1	0	0	1	0	0	0
23:00	1	-	42.5	-	0	0	0	0	0	0	1	0	0	0	0	0
Total 2H(0-12)	64	46.9	38.8	7.9	0	0	5	16	19	12	7	1	4	0	0	0
2H(14-16)	76	45.6	38.6	8.8	0	0	4	16	30	17	5	2	1	1	0	0
12H(7-19)	290	45.2	37.8	7.1	0	1	24	74	93	59	27	5	6	1	0	0
24H(0-24)	329	45.9	38.3	7.3	0	1	25	79	106	69	32	6	6	1	0	0
AM Peak	11:00	04:00	00:00	06:00	00:00	00:00	11:00	11:00	11:00	10:00	11:00	04:00	10:00	00:00	00:00	00:00
	37	58.9	42.5	18.4	0	0	3	10	11	8	6	1	2	0	0	0
PM Peak	15:00	22:00	23:00	20:00	12:00	13:00	16:00	12:00	15:00	14:00	17:00	15:00	15:00	14:00	12:00	12:00
	47	54.8	47.5	10.0	0	1	6	16	20	9	5	2	1	1	0	0

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-40	Bin 5 40-45	Bin 6 45-50	Bin 7 50-55	Bin 8 55-60	Bin 9 60-65	Bin 10 65-70	Bin 11 70-80	Bin 12 >80
00:00	3	48.8	45.8	2.9	0	0	0	0	0	1	2	0	0	0	0	0
01:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
04:00	4	55.2	38.8	15.0	0	0	2	0	0	0	0	0	0	0	0	0
05:00	2	38.7	35.0	3.5	0	0	0	1	1	0	0	0	0	0	0	0
06:00	4	62.2	46.9	14.8	0	0	0	1	1	0	0	0	0	0	1	0
07:00	8	46.3	36.3	7.8	0	0	2	1	1	4	0	0	0	0	0	0
08:00	18	45.9	37.6	8.0	0	1	0	4	8	2	2	1	0	0	0	0
09:00	25	46.2	38.2	7.7	0	0	3	6	5	2	2	0	0	0	0	0
10:00	54	45.9	38.8	6.8	0	0	3	12	17	15	4	1	2	0	0	0
11:00	74	47.5	38.6	8.6	0	0	10	16	20	8	14	3	0	0	0	0
12:00	75	44.0	36.6	7.2	0	0	10	22	24	9	7	2	1	0	0	0
13:00	60	44.7	36.8	7.8	0	1	8	13	18	14	4	1	0	0	0	0
14:00	63	48.4	39.8	8.3	0	0	6	9	19	14	11	0	0	1	0	0
15:00	83	45.6	38.5	6.9	0	0	5	18	33	15	8	2	1	1	0	0
16:00	64	43.6	36.0	7.3	0	0	12	16	17	13	5	0	1	0	0	0
17:00	40	46.7	39.3	7.2	0	1	0	8	15	8	6	1	1	0	0	0
18:00	36	46.3	38.5	5.6	0	0	1	5	8	16	5	1	0	0	0	0
19:00	30	47.0	40.6	6.1	0	0	1	2	14	5	6	2	0	0	0	0
20:00	20	50.3	41.8	8.3	0	0	1	2	5	7	3	1	0	1	0	0
21:00	13	52.4	42.5	9.5	0	0	1	1	2	6	1	1	0	1	0	0
22:00	5	52.9	36.5	10.9	0	1	1	0	0	1	1	1	0	0	0	0
23:00	2	48.7	45.0	3.5	0	0	0	0	0	1	1	0	0	0	0	0
Total																
2H(0-12)	128	46.8	38.7	7.8	0	0	13	28	37	23	18	4	5	0	0	0
2H(14-16)	146	46.9	39.1	7.5	0	0	11	27	52	29	19	2	4	2	0	0
12H(7-19)	600	45.9	38.1	7.5	0	3	60	130	185	125	84	31	13	5	0	0
Avg 24H	683	46.5	38.5	7.7	0	4	66	137	208	146	82	22	13	5	0	0
00:00	11:00	06:00	06:00	04:00	00:00	08:00	11:00	11:00	11:00	11:00	11:00	11:00	00:00	00:00	00:00	00:00
74	62.2	45.9	13.9	0	1	10	16	20	15	14	3	3	1	0	0	0
PM Peak	15:00	22:00	22:00	22:00	12:00	13:00	16:00	12:00	15:00	18:00	14:00	12:00	14:00	12:00	12:00	12:00



Direction: Eastbound

360 TSL Ltd[illegible]

## 360 TSL Ltd

Year	Period	Total Visitors	Roth Parents		Standard Deviation	Month											
			Mo	Pa		1	2	3	4	5	6	7	8	9	10	11	12
2000	01-01	0	0	0	0.0	0	0	0	0	0	0	0	0	0	0	0	0
2000	02-01	0	519	413	10.3	0	0	0	0	0	0	0	1	0	0	0	0
	03-01	0	0	0	0.0	0	0	0	0	0	0	0	0	0	0	0	0
2000	04-01	0	472	350	7.7	0	0	0	0	0	0	0	0	0	0	0	0
	05-01	4	573	483	8.6	0	0	0	3	0	0	1	0	0	0	0	0
2000	06-01	13	410	349	7.9	0	0	4	2	3	3	1	0	0	0	0	0
	07-01	88	480	422	5.5	0	0	0	0	1	7	1	6	0	0	0	0
2000	08-01	23	559	399	10.4	1	1	4	1	5	4	1	2	1	3	0	0
	09-01	5	550	394	9.3	0	0	0	0	6	6	0	0	0	0	0	0
2000	10-01	67	465	396	8.7	0	0	8	9	23	11	6	6	4	0	0	0
	11-01	83	463	393	8.4	0	0	0	0	0	0	0	0	0	0	0	0
2000	12-01	72	475	393	7.9	0	0	1	10	27	17	8	5	0	0	0	0
	2001	88	480	406	8.1	0	1	3	13	27	24	11	6	0	0	0	0
2001	01-01	144	536	410	11.1	0	0	0	0	0	0	0	0	0	0	0	0
	02-01	95	468	377	8.8	0	3	11	18	29	17	9	5	3	0	0	0
2001	03-01	167	467	401	6.5	0	0	0	0	0	0	0	0	0	0	0	0
	04-01	199	474	405	6.7	0	0	0	12	21	56	66	34	5	0	0	0
2001	05-01	145	459	385	10.6	0	0	0	7	14	55	57	27	3	0	0	0
	06-01	47	481	395	8.2	0	0	1	6	15	7	0	0	0	0	0	0
2001	07-01	30	488	399	8.6	0	0	0	3	5	8	7	0	0	0	0	0
	08-01	22	448	408	13.1	0	0	0	0	0	0	0	0	0	0	0	0
2001	09-01	5	408	340	6.5	0	0	0	1	2	1	1	0	0	0	0	0
	10-01	88	427	375	5.9	0	0	0	0	0	0	1	0	0	0	0	0
Total		154	484	404	8.8	0	3	14	20	50	29	21	11	6	0	0	0
2003-12		183	468	393	10.1	0	0	4	18	26	58	40	22	8	1	0	0
2004-10		187	460	400	8.1	0	0	0	0	0	0	0	0	0	0	0	0
2004-24		120	484	398	8.2	1	14	82	158	360	313	163	60	27	8	1	3
Pha Peak	11-01	05-00	05-00	08-01	08-00	11-00	10-00	10-00	10-00	10-00	10-00	10-00	10-00	10-00	08-00	08-00	08-00
	87	57.3	48.3	15.4	0	3	8	12	27	58	15	6	4	3	0	0	0
Pha Peak	17-01	21-00	24-00	21-00	12-00	12-00	12-00	12-00	17-00	17-00	17-00	17-00	13-00	13-00	13-00	13-00	14-00

## 360 TSL Ltd



North Wales ATC 19, B5381 Glascoed Road

Direction: Eastbound

09/05/2022																
Hour Beginning	Total Volume	ESD Percentile	Mean Average	Standard Deviation	Bin 1 210-240	Bin 2 240-270	Bin 3 270-300	Bin 4 300-330	Bin 5 330-360	Bin 6 360-390	Bin 7 390-420	Bin 8 420-450	Bin 9 450-480	Bin 10 480-510	Bin 11 510-540	Bin 12 540-570
00:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
01:00	1	-	57.5	-	0	0	0	0	0	0	0	0	0	1	0	0
02:00	1	-	42.5	-	0	0	0	0	0	1	0	0	0	0	0	0
03:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
04:00	4	50.1	41.3	8.5	0	0	0	0	1	1	1	0	0	0	0	0
05:00	4	48.5	42.5	5.8	0	0	0	0	0	2	0	0	0	0	0	0
06:00	21	53.3	46.2	6.9	0	0	0	1	2	6	7	4	0	1	0	0
07:00	54	52.0	46.7	10.9	0	1	11	3	4	14	13	4	1	1	0	0
08:00	90	49.5	41.9	7.4	0	1	2	12	16	29	22	6	1	1	0	0
09:00	56	49.9	41.1	8.5	0	0	5	9	10	13	10	7	2	0	0	0
10:00	41	45.5	38.9	6.4	0	0	3	7	12	13	5	1	0	0	0	0
11:00	64	46.4	38.1	8.1	0	0	9	15	13	14	9	3	1	0	0	0
12:00	64	44.1	36.9	7.0	0	0	8	18	17	15	4	1	1	0	0	0
13:00	40	47.8	39.6	7.9	0	0	3	10	8	9	6	3	1	0	0	0
14:00	63	45.6	37.1	7.6	0	1	8	16	14	14	9	1	0	0	0	0
15:00	84	44.5	35.2	8.9	0	2	22	14	23	11	10	1	0	1	0	0
16:00	63	47.0	39.1	7.6	0	1	6	5	20	22	6	1	0	0	0	0
17:00	75	45.7	37.4	8.0	0	0	14	13	18	17	9	4	0	0	0	0
18:00	35	49.8	39.9	9.6	0	2	0	10	4	7	8	3	1	0	0	0
19:00	14	45.5	36.4	8.8	0	0	2	6	2	2	1	0	1	0	0	0
20:00	11	51.0	38.2	12.4	0	1	2	1	1	2	2	2	0	0	0	0
21:00	8	52.3	41.6	10.3	0	0	1	2	0	1	2	2	0	0	0	0
22:00	1	-	42.5	-	0	0	0	0	0	1	0	0	0	0	0	0
23:00	1	-	25.0	-	0	0	1	0	0	0	0	0	0	0	0	0
Total	2918	46.1	38.4	7.4	0	0	12	22	25	27	14	4	1	0	0	0
2918-100	147	44.7	36.0	8.4	0	3	30	30	37	25	19	2	0	1	0	0
12918-100	729	47.4	38.7	8.4	0	8	91	132	159	137	111	35	12	3	0	0
24918-100	795	47.7	38.9	8.5	0	8	97	143	167	150	125	44	14	4	0	0
AM Peak	08:00	06:00	01:00	07:00	00:00	07:00	07:00	11:00	08:00	08:00	08:00	09:00	07:00	06:00	00:00	00:00
90	53.3	57.5	10.9	0	1	11	15	16	29	22	7	3	1	0	0	0
PM Peak	15:00	21:00	22:00	20:00	12:00	15:00	15:00	12:00	15:00	16:00	15:00	17:00	16:00	15:00	12:00	12:00
84	52.5	45.5	12.4	0	2	22	18	23	22	10	4	2	1	0	0	0

360 TSL Ltd

Direction: Westbound

Hour Beginning	Total Volume	ESD Percentile	Mean Average	Standard Deviation	Bin 1 210-240	Bin 2 240-270	Bin 3 270-300	Bin 4 300-330	Bin 5 330-360	Bin 6 360-390	Bin 7 390-420	Bin 8 420-450	Bin 9 450-480	Bin 10 480-510	Bin 11 510-540	Bin 12 540-570
00:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
01:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
03:00	1	-	37.5	-	0	0	0	0	1	0	0	0	0	0	0	0
04:00	1	-	42.5	-	0	0	0	0	0	1	0	0	0	0	0	0
05:00	3	51.5	42.5	8.7	0	0	0	0	2	0	0	0	0	0	0	0
06:00	13	41.7	36.5	5.0	0	0	1	3	6	3	0	0	0	0	0	0
07:00	39	44.6	36.3	8.0	1	0	3	12	13	6	3	0	1	0	0	0
08:00	77	45.0	38.6	6.1	0	0	5	11	33	18	8	1	1	0	0	0
09:00	43	45.3	39.2	5.9	0	0	0	13	11	12	5	2	0	0	0	0
10:00	73	41.5	36.5	6.7	1	0	13	21	26	9	13	4	0	0	0	0
11:00	47	43.4	36.5	6.7	0	0	7	11	14	12	2	1	0	0	0	0
12:00	45	41.0	33.8	7.0	0	0	13	12	12	5	3	0	0	0	0	0
13:00	53	41.3	35.4	5.7	0	1	4	19	19	9	1	0	0	0	0	0
14:00	77	40.9	34.3	6.4	0	0	18	21	23	13	2	0	0	0	0	0
15:00	69	44.5	36.1	6.2	0	0	12	19	20	14	1	2	0	0	0	0
16:00	70	46.8	39.9	6.7	0	0	2	13	23	20	7	2	3	0	0	0
17:00	75	46.4	37.5	8.6	2	0	9	10	25	18	8	2	1	0	0	0
18:00	33	44.2	38.8	5.2	0	0	1	7	9	15	0	1	0	0	0	0
19:00	28	46.8	37.0	9.5	1	0	4	4	8	7	2	2	0	0	0	0
20:00	6	45.6	41.7	3.8	0	0	0	0	2	3	1	0	0	0	0	0
21:00	18	49.4	38.9	10.2	0	0	4	3	2	3	4	1	1	0	0	0
22:00	7	47.6	41.1	6.3	0	0	0	0	1	2	3	0	1	0	0	0
23:00	2	43.7	40.0	3.5	0	0	0	0	1	1	0	0	0	0	0	0
Total	2918-3210	120	42.3	35.3	6.8	1	0	20	32	40	21	5	1	0	0	0
2918-3210	146	42.7	35.2	7.3	0	0	30	40	43	27	3	2	0	0	1	0
12918-310	701	44.1	36.7	7.1	4	1	87	169	228	151	43	11	6	0	1	0
24918-240	781	44.4	36.9	7.3	5	1	96	180	253	172	50	16	7	0	1	0
AM Peak	08:00	05:00	04:00	06:00	07:00	00:00	10:00	10:00	08:00	08:00	08:00	09:00	07:00	00:00	00:00	00:00
77	51.5	42.5	8.7	1	0	13	21	26	18	8	2	1	0	0	0	0
PM Peak	14:00	21:00	20:00	21:00	17:00	13:00	14:00	14:00	17:00	16:00	17:00	16:00	15:00	12:00	15:00	12:00
77	48.4	41.7	10.2	2	1	18	21	25	29	8	2	3	0	1	0	0

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	ESD Percentile	Mean Average	Standard Deviation	Bin 1 210-240	Bin 2 240-270	Bin 3 270-300	Bin 4 300-330	Bin 5 330-360	Bin 6 360-390	Bin 7 390-420	Bin 8 420-450	Bin 9 450-480	Bin 10 480-510	Bin 11 510-540	Bin 12 540-570
00:00	1	-	37.5	-	0	0	0	0	0	0	0	0	0	0	0	0
01:00	1	-	57.5	-	0	0	0	0	0	0	0	0	0	1	0	0
02:00	1	-	42.5	-	0	0	0	0	0	0	0	0	0	0	0	0
03:00	1	-	37.5	-	0	0	0	0	1	0	0	0	0	0	0	0
04:00	5	49.2	41.5	7.4	0	0	0	0	1	2	0	1	0	0	0	0
05:00	7	49.2	42.5	6.5	0	0	0	0	4	0	0	2	1	0	0	0
06:00	34	50.5	42.5	7.8	0	0	1	4	8	9	7	4	0	0	0	0
07:00	93	48.2	38.8	10.0	1	1	14	15	17	20	16	4	4	1	0	0
08:00	167	47.6	40.4	7.0	0	1	7	23	49	47	30	7	2	1	0	0
09:00	99	48.1	40.3	7.5	0	0	5	22	35	15	9	2	0	0	0	0
10:00	114	43.2	36.1	6.9	1	0	16	28	38	22	8	1	0	0	0	0
11:00	112	45.2	37.4	7.5	0	0	16	26	27	26	11	4	0	0	0	0
12:00	109	43.0	35.6	7.1	0	0	21	30	29	20	7	1	1	0	0	0
13:00	93	44.5	37.2	7.0	0	1	7	29	27	18	7	3	0	0	0	0
14:00	140	42.0	35.6	7.1	0	1	26	37	37	27	11	1	0	0	0	0
15:00	153	44.5	35.6	8.6	0	2	34	33	43	25	11	3	0	1	1	0
16:00	133	46.9	39.5	7.1	0	1	8	18	43	42	13	3	5	0	0	0
17:00	150	46.0	37.5	8.3	2	0	23	23	43	35	17	6	1	0	0	0
18:00	68	47.4	39.4	7.7	0	2	1	17	13	22	4	4	0	0	0	0
19:00	42	50.0	36.8	10.2	0	1	2	1	3	5	3	2	0	0	0	0
20:00	26	50.2	39.7	10.1	0	0	5	2	4	6	3	1	0	0	0	0
21:00	8	47.3	43.3	5.8	0	0	0	1	2	4	0	1	0	0	0	0
22:00	1	44.3	35.0	5.0	0	0	1	0	1	1	0	0	0	0	0	0
Total																
2106-1230	225	44.2	36.7	7.2	1	0	32	54	65	48	19	5	1	0	0	0
2306-1230	203	43.7	35.6	7.9	0	3	60	70	80	52	22	4	0	0	1	0
2406-1230	149	43.7	37.7	7.8	4	9	17	17	18	16	14	7	1	0	0	0
2406-2430	1576	46.2	37.9	8.0	5	10	103	323	420	364	175	60	21	4	1	0
2406-00:00	06:00	05:00	01:00	07:00	1	0	1	16	28	49	47	30	9	4	1	0
2406-00:00	06:00	05:00	01:00	07:00	1	0	1	16	28	49	47	30	9	4	1	0
2406-00:00	06:00	05:00	01:00	07:00	1	0	1	16	28	49	47	30	9	4	1	0
2406-00:00	06:00	05:00	01:00	07:00	1	0	1	16	28	49	47	30	9	4	1	0
2406-00:00	06:00	05:00	01:00	07:00	1	0	1	16	28	49	47	30	9	4	1	0
2406-00:00	06:00	05:00	01:00	07:00	1	0	1	16	28	49	47	30	9	4	1	0
2406-00:00	06:00	05:00	01:00	07:00	1	0	1	16	28	49	47	30	9	4	1	0
2406-00:00	06:00	05:00	01:00	07:00	1	0	1	16	28	49	47	30	9	4	1	0
2406-00:00	06:00	05:00	01:00	07:00	1	0	1	16	28	49	47	30	9	4	1	0
2406-00:00	06:00	05:00	01:00	07:00	1	0	1	16	28	49	47	30	9	4	1	0
2406-00:00	06:00	05:00	01:00	07:00	1	0	1	16	28	49	47	30	9	4	1	0
2406-00:00	06:00	05:00	01:00	07:00	1	0	1	16	28	49	47	30	9	4	1	0
2406-00:00	06:00	05:00	01:00	07:00	1	0	1	16	28	49	47	30	9	4	1	0
2406-00:00	06:00	05:00	01:00	07:00	1	0	1	16	28	49	47	30	9	4	1	0
2406-00:00	06:00	05:00	01:00	07:00	1	0	1	16	28	49	47	30	9	4	1	0
2406-00:00	06:00	05:00	01:00	07:00	1	0	1	16	28	49	47	30	9	4	1	0
2406-00:00	06:00	05:00	01:00	07:00	1	0	1	16	28	49	47	30	9	4	1	0
2406-00:00	06:00	05:00	01:00	07:00	1	0	1	16	28	49	47	30	9	4	1	0
2406-00:00	06:00	05:00	01:00	07:00	1	0	1	16	28	49	47	30	9	4	1	0
2406-00:00	06:00	05:00	01:00	07:00	1	0	1	16	28	49	47	30	9	4	1	0
2406-00:00	06:00	05:00	01:00	07:00	1	0	1	16	28	49	47	30	9	4	1	0
2406-00:00	06:00	05:00	01:00	07:00	1	0	1	16	28	49	47	30	9	4	1	0
2406-00:00	06:00	05:00	01:00	07:00	1	0	1	16	28	49	47	30	9	4	1	0
2406-00:00	06:00	05:00	01:00	07:00	1	0	1	16	28	49	47	30	9	4	1	0
2406-00:00	06:00	05:00	01:00	07:00	1	0	1	16	28	49	47	30	9	4	1	0
2406-00:00	06:00	05:00	01:00	07:00	1	0	1	16	28	49	47	30	9	4	1	0
2406-00:00	06:00	05:00	01:00	07:00	1	0	1	16	28	49	47	30	9	4	1	0
2406-00:00	06:00	05:00	01:00	07:00	1	0	1	16	28	49	47	30	9	4	1	0
2406-00:00	06:00	05:00	01:00	07:00	1	0	1	16	28	49	47	30	9	4	1	0
2406-00:00	06:00	05:00	01:00	07:00	1	0	1	16	28	49	47	30	9	4	1	0
2406-00:00	06:00	05:00	01:00	07:00	1	0	1	16	28	49	47	30	9	4	1	



North Wales ATC 19, B5381 Glascoed Road

Direction: Eastbound

04/05/2022															
Hour Beginning	Total Volume	ESD Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-40	Bin 5 40-45	Bin 6 45-50	Bin 7 50-55	Bin 8 55-60	Bin 9 60-70	Bin 10 70-80	Bin 12 >80
00:00	2	51.0	40.9	30.6	0	0	0	0	1	0	0	1	0	0	0
01:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0
02:00	2	46.6	33.8	12.4	0	0	0	1	0	0	1	0	0	0	0
03:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0
04:00	2	40.4	31.3	8.8	0	0	0	1	0	1	0	0	0	0	0
05:00	7	53.1	46.8	6.1	0	0	0	0	1	1	1	4	0	1	0
06:00	9	53.8	43.7	11.7	0	1	0	0	2	3	0	3	0	0	0
07:00	52	51.5	40.9	19.9	0	0	8	9	11	15	7	6	1	0	1
08:00	70	48.2	40.5	7.4	0	0	7	6	15	23	15	3	1	0	0
09:00	55	46.4	38.6	7.6	0	2	4	4	20	16	8	1	0	0	0
10:00	71	43.4	37.5	5.7	0	0	3	20	30	12	7	4	1	0	0
11:00	56	41.8	35.9	5.7	0	0	7	14	23	10	2	0	0	0	0
12:00	83	43.7	34.6	8.7	0	1	24	18	23	6	5	1	0	0	0
13:00	69	42.9	35.1	7.6	0	0	15	21	20	4	7	1	1	0	0
14:00	81	42.1	36.4	6.4	0	0	9	21	31	11	5	2	1	0	0
15:00	61	44.8	37.4	7.2	0	0	7	17	17	9	9	2	0	0	0
16:00	71	48.2	40.5	7.9	0	0	8	9	17	21	10	3	1	0	0
17:00	64	46.3	37.7	8.8	0	1	14	10	10	22	7	4	0	0	0
18:00	29	51.6	40.3	10.9	0	2	3	1	5	7	9	1	0	1	0
19:00	12	53.3	42.1	10.7	0	0	1	4	3	1	0	1	0	0	0
20:00	15	50.0	39.3	10.3	0	0	3	3	0	6	0	2	1	0	0
21:00	7	47.4	36.1	11.0	0	0	2	1	3	0	0	0	1	0	0
22:00	2	44.8	37.5	7.1	0	0	0	1	0	1	0	0	0	0	0
23:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0
Total															
201614-12	127	42.7	36.8	5.7	0	0	10	34	53	22	6	1	1	0	0
201614-16	142	43.8	36.8	6.7	0	0	16	39	50	20	12	4	1	0	0
12047-19	147	45.9	37.7	10.4	0	6	209	141	234	156	86	33	7	1	1
24063-24	822	46.3	37.9	8.2	0	7	117	148	235	171	92	38	11	2	1
AM Peak	10:00	05:00	05:00	02:00	00:00	09:00	07:00	10:00	10:00	08:00	08:00	07:00	05:00	00:00	07:00
	71	53.8	46.8	12.4	0	2	8	20	30	23	15	6	1	0	1
PM Peak	12:00	19:00	19:00	21:00	12:00	18:00	12:00	14:00	14:00	17:00	16:00	16:00	12:00	18:00	12:00
	83	53.2	45.1	11.0	0	2	24	22	35	22	10	7	1	1	0

360 TSL Ltd

Direction: Westbound

Hour Beginning	Total Volume	ESD Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-35	Bin 5 35-40	Bin 6 40-45	Bin 7 45-50	Bin 8 50-55	Bin 9 55-60	Bin 10 60-70	Bin 11 70-80	Bin 12 >80
00:00	2	43.7	40.0	3.5	0	0	0	0	1	1	0	0	0	0	0	0
01:00	4	36.3	30.0	6.1	0	0	2	1	1	0	0	0	0	0	0	0
02:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
04:00	1	-	42.5	-	0	0	0	0	0	1	0	0	0	0	0	0
05:00	2	38.7	35.0	3.5	0	0	0	0	1	1	0	0	0	0	0	0
06:00	12	44.0	38.1	5.7	0	0	1	1	6	3	1	0	0	0	0	0
07:00	35	44.7	36.6	7.8	1	3	8	12	7	4	0	0	0	0	0	0
08:00	99	43.6	38.2	5.3	0	4	21	39	27	7	1	0	0	0	0	0
09:00	64	42.9	34.5	8.1	0	2	16	11	20	11	3	0	1	0	0	0
10:00	60	42.8	35.7	6.9	0	1	7	21	13	7	2	1	0	0	0	0
11:00	65	39.7	34.0	5.4	0	0	10	30	17	6	2	0	0	0	0	0
12:00	68	40.8	32.2	8.4	0	8	9	26	16	7	1	1	0	0	0	0
13:00	85	40.2	29.8	10.0	0	21	12	20	20	0	0	0	0	0	0	0
14:00	52	41.1	34.7	6.2	0	0	10	16	16	8	2	0	0	0	0	0
15:00	48	43.5	37.5	5.8	0	4	9	20	12	2	1	0	0	0	0	0
16:00	66	45.0	38.5	6.3	0	0	6	6	30	17	5	1	1	0	0	0
17:00	79	45.8	38.2	7.3	1	0	4	12	29	17	4	5	0	0	0	0
18:00	39	46.8	35.3	8.2	0	1	4	5	13	9	4	3	0	0	0	0
19:00	28	45.5	39.3	6.0	0	0	0	8	8	2	2	2	0	0	0	0
20:00	13	48.9	38.3	10.3	0	0	4	1	1	6	0	0	0	0	0	0
21:00	16	52.5	43.1	9.1	0	0	1	1	4	3	5	1	0	1	0	0
22:00	6	47.5	37.9	9.3	0	0	1	1	2	1	1	0	1	0	0	0
23:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
Total																
201610-12	125	41.2	34.8	6.2	0	1	17	51	34	13	9	0	0	0	0	0
201614-16	100	42.4	36.1	6.1	0	0	14	25	36	20	4	1	0	0	0	0
12047-19	754	43.5	35.5	7.8	2	33	90	185	249	138	43	12	2	0	0	0
24063-24	858	44.0	35.9	7.8	2	33	99	199	275	156	57	16	2	1	0	0
AM Peak	08:00	07:00	04:00	09:00	07:00	09:00	09:00	11:00	08:00	08:00	08:00	08:00	09:00	00:00	00:00	00:00
	99	44.7	42.5	8.1	1	2	16	89	39	27	7	1	1	0	0	0
PM Peak	13:00	21:00	21:00	20:00	17:00	13:00	13:00	12:00	16:00	16:00	30:00	17:00	16:00	21:00	12:00	12:00
	85	52.5	45.1	10.3	1	21	12	26	35	17	6	6	1	1	0	0

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Direction: Total Flow

Hour Beginning	Total Volume	ESD Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-20	Bin 3 20-30	Bin 4 30-35	Bin 5 35-40	Bin 6 40-45	Bin 7 45-50	Bin 8 50-55	Bin 9 55-60	Bin 10 60-70	Bin 11 70-80	Bin 12 >80
00:00	4	36.3	30.0	6.1	0	0	2	1	1	1	0	0	0	0	0	0
01:00	2	46.6	33.8	12.4	0	0	1	0	0	0	0	0	0	0	0	0
02:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
03:00	3	44.3	35.0	9.0	0	0	0	1	0	1	1	0	0	0	0	0
04:00	9	51.9	44.2	7.5	0	0	0	1	2	1	4	0	1	0	0	0
05:00	21	48.7	39.2	8.7	0	1	3	1	8	6	1	1	0	0	0	0
06:00	87	48.8	39.2	9.3	1	0	11	11	23	22	11	6	1	0	1	0
08:00	109	45.7	39.1	6.3	0	0	11	27	54	50	22	4	1	0	0	0
09:00	119	44.8	36.4	8.1	0	4	20	20	15	4	27	11	1	1	0	0
10:00	131	43.2	36.6	6.3	0	1	10	41	47	19	11	1	1	0	0	0
11:00	122	40.7	34.9	5.6	0	0	17	44	40	16	4	0	0	0	0	0
12:00	151	42.4	33.5	8.6	0	9	33	44	39	13	6	6	1	0	0	0
13:00	134	41.9	32.2	8.4	0	21	27	42	40	14	9	1	1	0	0	0
14:00	133	42.3	35.8	6.4	0	0	18	38	49	19	5	1	0	0	0	0
15:00	109	44.2	37.4	6.6	0	0	11	26	37	21	11	3	0	0	0	0
16:00	139	45.8	39.3	7.2	0	0	14	15	47	38	15	8	2	0	0	0
17:00	137	46.3	37.9	8.1	1	1	19	18	39	39	11	9	0	0	0	0
18:00	68	48.9	39.2	9.4	0	3	7	6	18	16	13	4	0	0	0	0
19:00	40	48.1	40.1	7.7	0	0	1	9	12	11	3	2	1	1	0	0
20:00	28	49.3	38.8	10.1	0	0	7	4	1	7	6	2	1	0	0	0
21:00	23	51.3	41.0	10.0	0	0	3	2	7	1	1	1	1	0	0	0
22:00	8	46.4	37.8	8.3	0	0	1	2	2	2	0	1	0	0	0	0
23:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
Total																
201610-12	252	42.1	35.8	6.0	0	1	27	85	87	35	15	1	1	0	0	0
201614-16	242	43.2	36.5	6.5	0	0	30	80	64	86	40	16	5	1	0	0
201617-19	242	43.6	36.6	7.8	0	2	39	39	67	47	26	12	6	1	0	0
201620-24	1660	45.2	36.9	8.1	0	2	40	215	347	308	327	149	54	13	3	1
APM Peak	08:00	05:00	05:00	05:00	07:00	08:00	08:00	11:00	08:00	08:00	08:00	07:00	07:00	07:00	07:00	07:00
	154	46.1	40.1	12.4	0	0	0	0	0	0	0	0	0	0	0	0
PM Peak	15:00	21:00	21:00	21:00	17:00	18:00	12:00	12:00	14:00	17:00	16:00	16:00	16:00	12:00	12:00	12:00
	184	51.3	51.0	10.1	0	21	31	46	49	39	35	15	1	0	0	0



North Wales ATC 19, B5381 Glascoed Road



Direction: Eastbound

Hour Beginning	Thu 05/05/2022	Fri 06/05/2022	Sat 07/05/2022	Sun 08/05/2022	Mon 09/05/2022	Tue 10/05/2022	Wed 11/05/2022	5-Day Ave.	7-Day Ave.
00:00	1	1	4	1	1	0	1	1	1
01:00	1	1	1	1	1	1	1	1	1
02:00	1	0	0	0	1	1	1	1	1
03:00	0	0	0	0	0	0	0	0	0
04:00	3	2	0	2	3	4	5	3	3
05:00	5	6	3	2	3	6	6	5	4
06:00	18	17	6	4	20	23	25	21	16
07:00	61	54	8	5	69	59	68	62	46
08:00	91	88	26	5	92	91	101	93	71
09:00	56	45	38	23	47	49	66	53	46
10:00	60	43	41	44	58	42	63	53	50
11:00	65	95	36	35	69	67	67	73	62
12:00	69	95	40	42	62	54	58	68	60
13:00	55	79	31	52	55	33	57	56	52
14:00	62	60	51	30	61	49	69	60	55
15:00	74	72	37	40	81	84	64	75	65
16:00	64	74	34	45	54	70	65	65	58
17:00	79	80	36	24	70	71	73	75	62
18:00	49	34	29	20	41	34	27	37	33
19:00	22	13	23	14	20	17	14	17	18
20:00	10	6	11	16	8	11	7	8	10
21:00	7	5	3	11	8	12	3	7	7
22:00	9	1	2	1	10	1	1	4	4
23:00	2	0	2	0	2	1	0	1	1
Total									
12H(7-19)	785	819	407	365	759	703	778	769	659
16H(6-22)	842	860	450	410	815	766	827	822	710
18H(6-24)	853	861	454	411	827	768	828	827	715
24H(0-24)	864	871	462	417	836	780	842	839	725
AM Peak	08:00	11:00	10:00	10:00	08:00	08:00	08:00	08:00	08:00
	91	95	41	44	92	91	101	93	71
PM Peak	17:00	12:00	14:00	13:00	15:00	15:00	17:00	15:00	15:00
	79	95	51	52	81	84	73	75	65

360 TSL Ltd

Direction: Westbound

Hour Beginning	Thu 05/05/2022	Fri 06/05/2022	Sat 07/05/2022	Sun 08/05/2022	Mon 09/05/2022	Tue 10/05/2022	Wed 11/05/2022	5-Day Ave.	7-Day Ave.
00:00	2	3	7	1	2	1	2	2	3
01:00	1	1	3	1	2	0	1	1	1
02:00	0	1	0	0	1	0	0	0	0
03:00	0	1	0	2	0	1	1	1	1
04:00	1	0	2	3	1	1	1	1	1
05:00	5	2	2	1	3	3	7	4	3
06:00	15	7	6	3	18	15	13	14	11
07:00	38	34	6	6	33	38	48	38	29
08:00	90	84	14	13	86	73	97	86	65
09:00	54	54	44	23	63	38	58	53	48
10:00	51	90	52	49	39	73	61	63	59
11:00	59	82	84	42	58	51	57	61	62
12:00	68	82	54	35	64	40	70	65	59
13:00	50	69	57	28	47	42	47	51	49
14:00	86	66	42	34	94	76	73	79	67
15:00	85	75	50	42	79	73	75	77	68
16:00	79	81	39	42	73	75	92	80	69
17:00	79	61	26	18	84	80	61	73	58
18:00	40	56	20	13	34	31	65	45	37
19:00	15	22	22	22	14	34	25	22	22
20:00	17	11	11	13	20	5	14	13	13
21:00	17	8	10	3	23	16	8	14	12
22:00	7	4	5	2	7	5	2	5	5
23:00	2	3	1	1	1	1	3	2	2
Total									
12H(7-19)	779	834	488	345	754	690	804	772	671
16H(6-22)	843	882	537	386	829	760	864	836	729
18H(6-24)	852	889	543	389	837	766	869	843	735
24H(0-24)	861	897	557	397	846	772	881	851	744
AM Peak	08:00	10:00	11:00	10:00	08:00	08:00	08:00	08:00	08:00
	90	90	84	49	86	73	97	86	65
PM Peak	14:00	12:00	13:00	15:00	14:00	17:00	16:00	16:00	16:00
	86	82	57	42	94	80	92	80	69

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Thu 05/05/2022	Fri 06/05/2022	Sat 07/05/2022	Sun 08/05/2022	Mon 09/05/2022	Tue 10/05/2022	Wed 11/05/2022	5-Day Ave.	7-Day Ave.
00:00	3	4	11	2	3	1	3	3	4
01:00	2	2	4	2	3	1	2	2	2
02:00	1	1	0	0	2	1	1	1	1
03:00	0	1	0	2	0	1	1	1	1
04:00	4	2	2	5	4	5	6	4	4
05:00	10	8	5	3	6	9	13	9	8
06:00	33	24	12	7	38	38	38	34	27
07:00	99	88	14	11	102	97	116	100	75
08:00	181	172	40	18	178	164	198	179	136
09:00	110	99	82	46	110	87	124	106	94
10:00	111	133	93	93	97	115	124	116	109
11:00	124	177	120	77	127	118	124	134	124
12:00	137	177	94	77	126	94	128	132	119
13:00	105	148	88	80	102	75	104	107	100
14:00	148	126	93	64	155	125	142	139	122
15:00	159	147	87	82	160	157	139	152	133
16:00	143	155	73	87	127	145	157	145	127
17:00	158	141	62	42	154	151	134	148	120
18:00	89	90	49	33	75	65	92	82	70
19:00	37	35	45	36	34	51	39	39	40
20:00	27	17	22	29	28	16	21	22	23
21:00	24	13	13	14	31	28	11	21	19
22:00	16	5	7	3	17	6	3	9	8
23:00	4	3	3	1	3	2	3	3	3
Total									
12H(7-19)	1564	1653	895	710	1513	1393	1582	1541	1330
16H(6-22)	1685	1742	987	796	1644	1526	1691	1658	1439
18H(6-24)	1705	1750	997	800	1664	1534	1697	1670	1450
24H(0-24)	1725	1768	1019	814	1682	1552	1723	1690	1469
AM Peak	08:00	11:00	11:00	10:00	08:00	08:00	08:00	08:00	08:00
	181	177	120	93	178	164	198	179	136
PM Peak	15:00	12:00	12:00	16:00	15:00	15:00	16:00	15:00	15:00
	159	177	94	87	160	157	157	152	133

360 TSL Ltd



North Wales ATC 19, B5381 Glascoed Road

Direction: Eastbound

	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 5 May 2022	864	714	142	3	5
Fri 6 May 2022	871	775	89	3	4
Sat 7 May 2022	462	434	25	3	0
Sun 8 May 2022	417	404	12	0	1
Mon 9 May 2022	836	682	146	3	5
Tue 10 May 2022	780	619	146	6	9
Wed 11 May 2022	842	703	128	8	3
5 Day Ave.	839	699	130	5	5
7 Day Ave.	725	619	98	4	4

Direction: Westbound

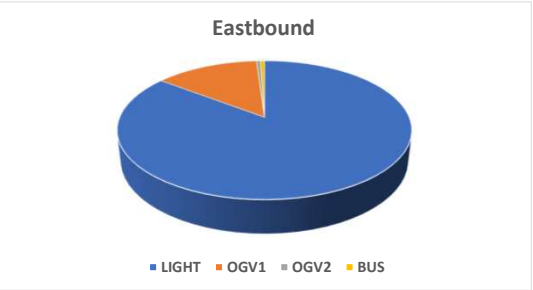
	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 5 May 2022	861	706	148	2	5
Fri 6 May 2022	897	774	115	4	4
Sat 7 May 2022	557	473	82	1	1
Sun 8 May 2022	397	218	164	2	13
Mon 9 May 2022	846	682	154	6	4
Tue 10 May 2022	772	631	132	2	7
Wed 11 May 2022	881	727	139	11	4
5 Day Ave.	851	704	138	5	5
7 Day Ave.	744	602	133	4	5

Direction: Total Flow

	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 5 May 2022	1725	1420	290	5	10
Fri 6 May 2022	1768	1549	204	7	8
Sat 7 May 2022	1019	907	107	4	1
Sun 8 May 2022	814	622	176	2	14
Mon 9 May 2022	1682	1364	300	9	9
Tue 10 May 2022	1552	1250	278	8	16
Wed 11 May 2022	1723	1430	267	19	7
5 Day Ave.	1690	1403	268	10	10
7 Day Ave.	1469	1220	232	8	9

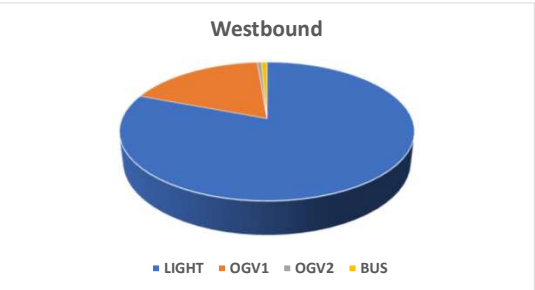
	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 5 May 2022	100.0%	82.6%	16.4%	0.3%	0.6%
Fri 6 May 2022	100.0%	89.0%	10.2%	0.3%	0.5%
Sat 7 May 2022	100.0%	93.9%	5.4%	0.6%	0.0%
Sun 8 May 2022	100.0%	96.9%	2.9%	0.0%	0.2%
Mon 9 May 2022	100.0%	81.6%	17.5%	0.4%	0.6%
Tue 10 May 2022	100.0%	79.4%	18.7%	0.8%	1.2%
Wed 11 May 2022	100.0%	83.5%	15.2%	1.0%	0.4%
5 Day Ave.	100.0%	83.3%	15.5%	0.5%	0.6%
7 Day Ave.	100.0%	85.4%	13.6%	0.5%	0.5%

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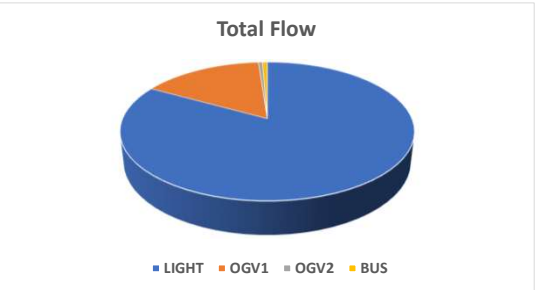
	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 5 May 2022	100.0%	82.0%	17.2%	0.2%	0.6%
Fri 6 May 2022	100.0%	86.3%	12.8%	0.4%	0.4%
Sat 7 May 2022	100.0%	84.9%	14.7%	0.2%	0.2%
Sun 8 May 2022	100.0%	54.9%	41.3%	0.5%	3.3%
Mon 9 May 2022	100.0%	80.6%	18.2%	0.7%	0.5%
Tue 10 May 2022	100.0%	81.7%	17.1%	0.3%	0.9%
Wed 11 May 2022	100.0%	82.5%	15.8%	1.2%	0.5%
5 Day Ave.	100.0%	82.7%	16.2%	0.6%	0.6%
7 Day Ave.	100.0%	80.8%	17.9%	0.5%	0.7%

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	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 5 May 2022	100.0%	82.3%	16.8%	0.3%	0.6%
Fri 6 May 2022	100.0%	87.6%	11.5%	0.4%	0.5%
Sat 7 May 2022	100.0%	89.0%	10.5%	0.4%	0.1%
Sun 8 May 2022	100.0%	76.4%	21.6%	0.2%	1.7%
Mon 9 May 2022	100.0%	81.1%	17.8%	0.5%	0.5%
Tue 10 May 2022	100.0%	80.5%	17.9%	0.5%	1.0%
Wed 11 May 2022	100.0%	83.0%	15.5%	1.1%	0.4%
5 Day Ave.	100.0%	83.0%	15.8%	0.6%	0.6%
7 Day Ave.	100.0%	83.1%	15.8%	0.5%	0.6%

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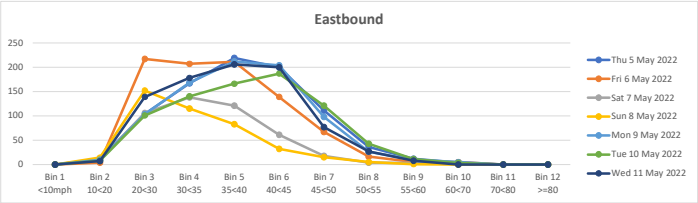


North Wales ATC 19, B5381 Glascoed Road

Direction: Eastbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<30	Bin 4 30<35	Bin 5 35<40	Bin 6 40<45	Bin 7 45<50	Bin 8 50<55	Bin 9 55<60	Bin 10 60<70	Bin 11 70<80	Bin 12 >=80
Thu 5 May 2022	864	46.7	38.2	8.2	0	11	104	167	219	200	111	36	12	4	0	0
Fri 6 May 2022	871	43.5	35.2	8.0	0	4	217	207	211	139	67	16	5	5	0	0
Sat 7 May 2022	462	41.8	34.0	7.5	0	10	106	138	121	61	18	4	3	1	0	0
Sun 8 May 2022	417	39.6	31.8	7.6	0	14	152	115	83	32	15	5	1	0	0	0
Mon 9 May 2022	836	46.3	37.9	8.0	0	10	103	168	212	204	98	26	10	5	0	0
Tue 10 May 2022	780	47.4	38.7	8.4	0	8	101	140	166	187	121	43	11	3	0	0
Wed 11 May 2022	842	45.1	37.0	7.8	0	7	139	178	206	200	77	27	8	0	0	0
5 Day Ave.	839	45.8	37.4	8.1	0	8	133	172	203	186	95	30	9	3	0	0
7 Day Ave.	725	44.3	36.1	7.9	0	9	132	159	174	146	72	22	7	3	0	0

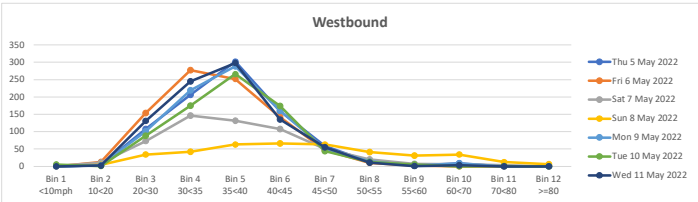
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Direction: Westbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<30	Bin 4 30<35	Bin 5 35<40	Bin 6 40<45	Bin 7 45<50	Bin 8 50<55	Bin 9 55<60	Bin 10 60<70	Bin 11 70<80	Bin 12 >=80
Thu 5 May 2022	861	44.2	36.8	7.1	0	3	108	206	302	159	59	13	2	9	0	0
Fri 6 May 2022	897	42.2	35.0	7.0	0	13	154	277	252	142	47	10	2	0	0	0
Sat 7 May 2022	557	46.6	37.2	9.0	1	11	73	146	132	108	50	20	7	6	3	0
Sun 8 May 2022	397	59.2	45.3	13.4	1	4	34	42	63	66	63	41	31	34	12	6
Mon 9 May 2022	846	44.0	36.7	7.0	0	3	101	219	288	160	51	14	2	8	0	0
Tue 10 May 2022	772	44.1	36.8	7.0	5	1	88	175	266	174	44	13	5	0	1	0
Wed 11 May 2022	881	42.8	35.9	6.7	0	2	131	245	298	135	55	11	1	3	0	0
5 Day Ave.	851	43.5	36.3	7.0	1	4	116	224	281	154	51	12	2	4	0	0
7 Day Ave.	744	46.2	37.7	8.2	1	5	98	187	229	135	53	17	7	9	2	1

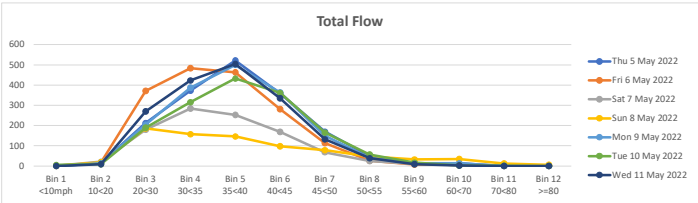
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Direction: Total Flow

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<30	Bin 4 30<35	Bin 5 35<40	Bin 6 40<45	Bin 7 45<50	Bin 8 50<55	Bin 9 55<60	Bin 10 60<70	Bin 11 70<80	Bin 12 >=80
Thu 5 May 2022	1725	45.5	37.5	7.7	0	14	212	373	521	359	170	49	14	13	0	0
Fri 6 May 2022	1768	42.9	35.1	7.5	0	17	371	484	463	281	114	26	7	5	0	0
Sat 7 May 2022	1019	44.6	35.8	8.5	1	21	179	284	253	169	68	24	10	7	3	0
Sun 8 May 2022	814	51.6	38.4	12.7	1	18	186	157	146	98	78	46	32	34	12	6
Mon 9 May 2022	1682	45.2	37.3	7.5	0	13	204	387	500	364	149	40	12	13	0	0
Tue 10 May 2022	1552	45.9	37.8	7.8	5	9	189	315	432	361	165	56	16	3	1	0
Wed 11 May 2022	1723	44.0	36.4	7.3	0	9	270	423	504	335	132	38	9	3	0	0
5 Day Ave.	1690	44.7	36.8	7.6	1	12	249	396	484	340	146	42	12	7	0	0
7 Day Ave.	1469	45.6	36.9	8.4	1	14	230	346	403	281	125	40	14	11	2	1

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## North Wales ATC 19, B5381 Glascoed Road

Direction: Eastbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<30	Bin 4 30<35	Bin 5 35<40	Bin 6 40<45	Bin 7 45<50	Bin 8 50<55	Bin 9 55<60	Bin 10 60<70	Bin 11 70<80	Bin 12 >=80
Thu 5 May 2022	125	43.2	36.0	7.0	0	2	14	43	30	26	7	3	0	0	0	0
Fri 6 May 2022	138	40.3	33.3	6.7	0	0	42	39	36	18	1	1	1	0	0	0
Sat 7 May 2022	77	40.5	33.6	6.6	0	2	15	28	18	13	1	0	0	0	0	0
Sun 8 May 2022	79	43.7	35.0	8.4	0	2	18	20	18	12	6	2	1	0	0	0
Mon 9 May 2022	127	42.8	35.7	6.9	0	2	17	40	33	27	6	2	0	0	0	0
Tue 10 May 2022	109	45.7	38.9	6.6	0	0	8	23	27	32	16	3	0	0	0	0
Wed 11 May 2022	130	42.4	34.8	7.3	0	2	25	44	23	28	6	2	0	0	0	0
5 Day Ave.	126	42.9	35.7	6.9	0	1	21	38	30	26	7	2	0	0	0	0
7 Day Ave.	112	42.7	35.3	7.1	0	1	20	34	26	22	6	2	0	0	0	0

360 TSL Ltd

Direction: Westbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<30	Bin 4 30<35	Bin 5 35<40	Bin 6 40<45	Bin 7 45<50	Bin 8 50<55	Bin 9 55<60	Bin 10 60<70	Bin 11 70<80	Bin 12 >=80
Thu 5 May 2022	110	43.2	35.2	7.7	0	1	21	32	33	16	4	1	0	2	0	0
Fri 6 May 2022	172	39.1	31.9	7.0	0	7	49	65	32	14	4	1	0	0	0	0
Sat 7 May 2022	136	47.3	38.0	9.0	0	2	14	39	32	27	9	6	4	3	0	0
Sun 8 May 2022	91	61.1	48.4	12.3	0	0	2	8	12	19	19	8	7	10	5	1
Mon 9 May 2022	97	41.2	34.7	6.3	0	1	16	32	30	15	2	1	0	0	0	0
Tue 10 May 2022	124	42.6	35.4	6.9	1	0	20	34	39	22	7	1	0	0	0	0
Wed 11 May 2022	118	42.3	34.4	7.7	0	1	24	39	42	6	2	1	0	3	0	0
5 Day Ave.	124	41.7	34.3	7.1	0	2	26	40	35	15	4	1	0	1	0	0
7 Day Ave.	121	45.3	36.8	8.1	0	2	21	36	31	17	7	3	2	3	1	0

360 TSL Ltd

Direction: Total Flow

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<30	Bin 4 30<35	Bin 5 35<40	Bin 6 40<45	Bin 7 45<50	Bin 8 50<55	Bin 9 55<60	Bin 10 60<70	Bin 11 70<80	Bin 12 >=80
Thu 5 May 2022	235	43.2	35.6	7.3	0	3	35	75	63	42	11	4	0	2	0	0
Fri 6 May 2022	310	39.6	32.5	6.9	0	7	91	104	68	32	5	2	1	0	0	0
Sat 7 May 2022	213	45.2	36.4	8.5	0	4	29	67	50	40	10	6	4	3	0	0
Sun 8 May 2022	170	55.2	42.1	12.6	0	2	20	28	30	31	25	10	8	10	5	1
Mon 9 May 2022	224	42.1	35.2	6.6	0	3	33	72	63	42	8	3	0	0	0	0
Tue 10 May 2022	233	44.2	37.1	6.9	1	0	28	57	66	54	23	4	0	0	0	0
Wed 11 May 2022	248	42.3	34.6	7.5	0	3	49	83	65	34	8	3	0	3	0	0
5 Day Ave.	250	42.3	35.0	7.1	0	3	47	78	65	41	11	3	0	1	0	0
7 Day Ave.	233	44.6	36.2	8.0	0	3	41	69	58	39	13	5	2	3	1	0

360 TSL Ltd



## North Wales ATC 19, B5381 Glascoed Road

Direction: Eastbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<30	Bin 4 30<35	Bin 5 35<40	Bin 6 40<45	Bin 7 45<50	Bin 8 50<55	Bin 9 55<60	Bin 10 60<70	Bin 11 70<80	Bin 12 >=80
Thu 5 May 2022	136	44.6	36.8	7.5	0	1	20	33	35	29	16	0	2	0	0	0
Fri 6 May 2022	132	40.5	33.6	6.7	0	2	32	42	33	19	4	0	0	0	0	0
Sat 7 May 2022	88	40.5	33.0	7.2	0	3	22	27	25	7	3	1	0	0	0	0
Sun 8 May 2022	70	39.1	32.2	6.7	0	3	16	28	18	4	0	1	0	0	0	0
Mon 9 May 2022	142	44.6	37.1	7.2	0	1	18	36	34	36	15	0	2	0	0	0
Tue 10 May 2022	133	43.4	35.1	8.0	0	2	35	23	34	24	14	1	0	0	0	0
Wed 11 May 2022	133	43.7	35.6	7.8	0	2	25	35	31	30	7	0	3	0	0	0
5 Day Ave.	135	43.3	35.6	7.4	0	2	26	34	33	28	11	0	1	0	0	0
7 Day Ave.	119	42.3	34.8	7.3	0	2	24	32	30	21	8	0	1	0	0	0

360 TSL Ltd

Direction: Westbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<30	Bin 4 30<35	Bin 5 35<40	Bin 6 40<45	Bin 7 45<50	Bin 8 50<55	Bin 9 55<60	Bin 10 60<70	Bin 11 70<80	Bin 12 >=80
Thu 5 May 2022	171	43.7	36.7	6.8	0	0	17	49	61	35	4	2	0	3	0	0
Fri 6 May 2022	141	40.9	33.9	6.7	0	2	29	53	32	18	6	1	0	0	0	0
Sat 7 May 2022	92	47.3	37.0	10.0	1	2	14	19	26	15	9	3	1	1	1	0
Sun 8 May 2022	76	68.2	52.8	14.9	0	1	5	2	5	8	9	13	13	12	4	4
Mon 9 May 2022	173	43.6	36.5	6.9	0	0	19	54	56	34	5	2	0	3	0	0
Tue 10 May 2022	149	43.2	36.0	7.0	0	0	24	37	50	32	3	2	0	0	1	0
Wed 11 May 2022	148	40.8	34.4	6.1	0	0	29	48	47	19	4	1	0	0	0	0
5 Day Ave.	156	42.5	35.5	6.7	0	0	24	48	49	28	4	2	0	1	0	0
7 Day Ave.	136	46.8	38.2	8.3	0	1	20	37	40	23	6	3	2	3	1	1

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Direction: Total Flow

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<20	Bin 3 20<30	Bin 4 30<35	Bin 5 35<40	Bin 6 40<45	Bin 7 45<50	Bin 8 50<55	Bin 9 55<60	Bin 10 60<70	Bin 11 70<80	Bin 12 >=80
Thu 5 May 2022	307	44.1	36.8	7.1	0	1	37	82	96	64	20	2	2	3	0	0
Fri 6 May 2022	273	40.7	33.7	6.7	0	4	61	95	65	37	10	1	0	0	0	0
Sat 7 May 2022	180	44.3	35.0	8.9	1	5	36	46	51	22	12	4	1	1	1	0
Sun 8 May 2022	146	59.0	42.9	15.6	0	4	21	30	23	12	9	14	13	12	4	4
Mon 9 May 2022	315	44.1	36.8	7.1	0	1	37	90	90	70	20	2	2	3	0	0
Tue 10 May 2022	282	43.3	35.5	7.5	0	2	59	60	84	56	17	3	0	0	1	0
Wed 11 May 2022	281	42.2	35.0	6.9	0	2	54	83	78	49	11	1	3	0	0	0
5 Day Ave.	292	42.9	35.6	7.1	0	2	50	82	83	55	16	2	1	1	0	0
7 Day Ave.	255	45.4	36.5	8.5	0	3	44	69	70	44	14	4	3	3	1	1

360 TSL Ltd



North Wales ATC 20, Ffordd William Morgan



Direction: Northbound

Hour Beginning	Thu 28/04/2022	Fri 29/04/2022	Sat 30/04/2022	Sun 01/05/2022	Mon 02/05/2022	Tue 03/05/2022	Wed 04/05/2022	5-Day Ave.	7-Day Ave.
00:00	9	8	4	2	4	9	9	8	6
01:00	3	2	3	1	1	0	3	2	2
02:00	4	3	1	0	6	2	4	4	3
03:00	3	2	2	2	0	2	2	2	2
04:00	7	2	0	0	1	4	1	3	2
05:00	13	13	5	5	6	13	8	11	9
06:00	41	41	17	8	12	32	31	31	26
07:00	102	77	18	13	16	104	89	78	60
08:00	219	169	39	17	17	213	201	164	125
09:00	157	105	44	27	27	123	133	109	88
10:00	106	100	59	32	36	94	99	87	75
11:00	123	128	53	41	54	95	100	100	85
12:00	165	308	47	27	49	124	131	155	122
13:00	175	217	37	49	34	119	140	137	110
14:00	137	159	44	37	35	120	99	110	90
15:00	168	163	42	45	43	139	133	129	105
16:00	351	228	36	36	37	261	241	224	170
17:00	344	148	34	29	43	252	255	208	158
18:00	94	66	33	32	47	54	68	66	56
19:00	44	41	14	14	21	30	28	33	27
20:00	35	35	17	13	11	18	19	24	21
21:00	51	16	7	3	5	47	47	33	25
22:00	16	5	16	5	6	10	7	9	9
23:00	8	12	3	2	5	9	10	9	7
Total									
12H(7-19)	2141	1868	486	385	438	1698	1689	1567	1244
16H(6-22)	2312	2001	541	423	487	1825	1814	1688	1343
18H(6-24)	2336	2018	560	430	498	1844	1831	1705	1360
24H(0-24)	2375	2048	575	440	516	1874	1858	1734	1384
AM Peak	08:00	08:00	10:00	11:00	11:00	08:00	08:00	08:00	08:00
	219	169	59	41	54	213	201	164	125
PM Peak	16:00	12:00	12:00	13:00	12:00	16:00	17:00	16:00	16:00
	351	308	47	49	49	261	255	224	170

360 TSL Ltd

Direction: Southbound

Hour Beginning	Thu 28/04/2022	Fri 29/04/2022	Sat 30/04/2022	Sun 01/05/2022	Mon 02/05/2022	Tue 03/05/2022	Wed 04/05/2022	5-Day Ave.	7-Day Ave.
00:00	7	1	1	0	0	4	3	3	2
01:00	1	3	2	3	3	0	5	2	2
02:00	4	2	1	1	2	4	1	3	2
03:00	2	4	2	0	0	2	4	2	2
04:00	5	9	2	0	1	6	6	5	4
05:00	78	84	10	9	8	71	68	62	47
06:00	60	69	16	17	21	59	54	53	42
07:00	280	240	40	17	19	233	236	202	152
08:00	357	270	20	14	21	271	295	243	178
09:00	152	115	35	21	22	102	118	102	81
10:00	135	145	32	41	33	100	96	102	83
11:00	102	146	57	35	37	73	110	94	80
12:00	122	126	48	30	56	112	109	105	86
13:00	151	122	64	41	49	152	138	122	102
14:00	110	110	38	43	56	108	109	99	82
15:00	144	113	30	39	61	140	124	116	93
16:00	146	180	43	44	126	189	150	158	125
17:00	173	103	50	36	89	178	176	144	115
18:00	68	51	32	27	119	54	57	70	58
19:00	37	23	16	15	23	27	32	28	25
20:00	32	15	13	10	15	22	37	24	21
21:00	11	17	6	4	7	10	12	11	10
22:00	8	5	7	3	6	11	9	8	7
23:00	4	7	4	2	2	4	3	4	4
Total									
12H(7-19)	1940	1721	489	388	688	1712	1718	1556	1237
16H(6-22)	2080	1845	540	434	754	1830	1853	1672	1334
18H(6-24)	2092	1857	551	439	762	1845	1865	1684	1344
24H(0-24)	2189	1960	569	452	776	1932	1952	1762	1404
AM Peak	08:00	08:00	11:00	10:00	11:00	08:00	08:00	08:00	08:00
	357	270	57	41	37	271	295	243	178
PM Peak	17:00	16:00	13:00	16:00	16:00	16:00	17:00	16:00	16:00
	173	180	64	44	126	189	176	158	125

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Thu 28/04/2022	Fri 29/04/2022	Sat 30/04/2022	Sun 01/05/2022	Mon 02/05/2022	Tue 03/05/2022	Wed 04/05/2022	5-Day Ave.	7-Day Ave.
00:00	16	9	5	2	4	13	12	11	9
01:00	4	5	5	4	4	0	8	4	4
02:00	8	5	2	1	8	6	5	6	5
03:00	5	6	4	2	0	4	6	4	4
04:00	12	11	2	0	2	10	7	8	6
05:00	91	97	15	14	14	84	76	72	56
06:00	101	110	33	25	33	91	85	84	68
07:00	382	317	58	30	35	337	325	279	212
08:00	576	439	59	31	38	484	496	407	303
09:00	309	220	79	48	49	225	251	211	169
10:00	241	245	91	73	69	194	195	189	158
11:00	225	274	110	76	91	168	210	194	165
12:00	287	434	95	57	105	236	240	260	208
13:00	326	339	101	90	83	271	278	259	213
14:00	247	269	82	80	91	228	208	209	172
15:00	312	276	72	84	104	279	257	246	198
16:00	497	408	79	80	163	450	391	382	295
17:00	517	251	84	65	132	430	431	352	273
18:00	162	117	65	59	166	108	125	136	115
19:00	81	64	30	29	44	57	60	61	52
20:00	67	50	30	23	26	40	56	48	42
21:00	62	33	13	7	12	57	59	45	35
22:00	24	10	23	8	12	21	16	17	16
23:00	12	19	7	4	7	13	13	13	11
Total									
12H(7-19)	4081	3589	975	773	1126	3410	3407	3123	2480
16H(6-22)	4392	3846	1081	857	1241	3655	3667	3360	2677
18H(6-24)	4428	3875	1111	869	1260	3689	3696	3390	2704
24H(0-24)	4564	4008	1144	892	1292	3806	3810	3496	2788
AM Peak	08:00	08:00	11:00	11:00	11:00	08:00	08:00	08:00	08:00
	576	439	110	76	91	484	496	407	303
PM Peak	17:00	12:00	13:00	13:00	18:00	16:00	17:00	16:00	16:00
	517	434	101	90	166	450	431	382	295

360 TSL Ltd



North Wales ATC 20, Ffordd William Morgan

Direction: Northbound

	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 28 Apr 2022	2375	2013	297	14	51
Fri 29 Apr 2022	2048	1720	283	9	36
Sat 30 Apr 2022	575	509	49	0	17
Sun 1 May 2022	440	409	31	0	0
Mon 2 May 2022	516	479	37	0	0
Tue 3 May 2022	1874	1632	212	7	23
Wed 4 May 2022	1858	1625	201	5	27
5 Day Ave.	1734	1494	206	7	27
7 Day Ave.	1384	1198	159	5	22

Direction: Southbound

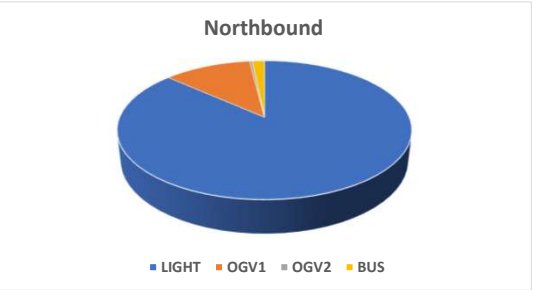
	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 28 Apr 2022	2189	1760	357	12	60
Fri 29 Apr 2022	1960	1576	330	10	44
Sat 30 Apr 2022	569	484	70	0	15
Sun 1 May 2022	452	403	47	1	1
Mon 2 May 2022	776	685	89	0	2
Tue 3 May 2022	1932	1615	279	11	27
Wed 4 May 2022	1952	1657	270	3	22
5 Day Ave.	1762	1459	265	7	31
7 Day Ave.	1404	1169	206	5	24

Direction: Total Flow

	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 28 Apr 2022	4564	3773	654	26	111
Fri 29 Apr 2022	4008	3296	613	19	80
Sat 30 Apr 2022	1144	993	119	0	32
Sun 1 May 2022	892	812	78	1	1
Mon 2 May 2022	1292	1164	126	0	2
Tue 3 May 2022	3806	3247	491	18	50
Wed 4 May 2022	3810	3282	471	8	49
5 Day Ave.	3496	2952	471	14	58
7 Day Ave.	2788	2367	365	10	46

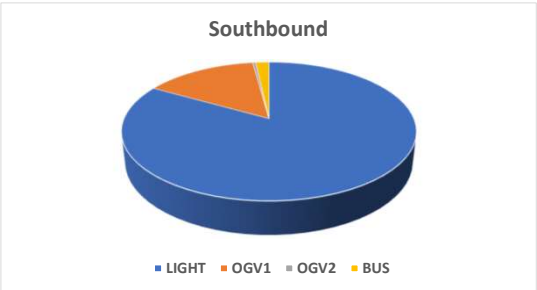
	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 28 Apr 2022	100.0%	84.8%	12.5%	0.6%	2.1%
Fri 29 Apr 2022	100.0%	84.0%	13.8%	0.4%	1.8%
Sat 30 Apr 2022	100.0%	88.5%	8.5%	0.0%	3.0%
Sun 1 May 2022	100.0%	93.0%	7.0%	0.0%	0.0%
Mon 2 May 2022	100.0%	92.8%	7.2%	0.0%	0.0%
Tue 3 May 2022	100.0%	87.1%	11.3%	0.4%	1.2%
Wed 4 May 2022	100.0%	87.5%	10.8%	0.3%	1.5%
5 Day Ave.	100.0%	86.1%	11.9%	0.4%	1.6%
7 Day Ave.	100.0%	86.6%	11.5%	0.4%	1.6%

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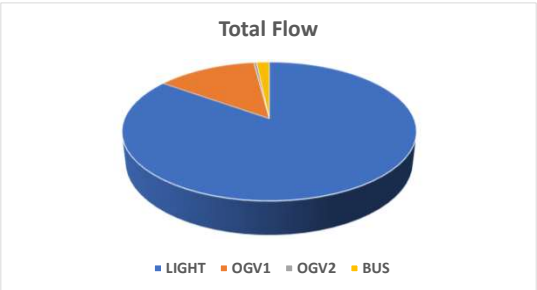
	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 28 Apr 2022	100.0%	80.4%	16.3%	0.5%	2.7%
Fri 29 Apr 2022	100.0%	80.4%	16.8%	0.5%	2.2%
Sat 30 Apr 2022	100.0%	85.1%	12.3%	0.0%	2.6%
Sun 1 May 2022	100.0%	89.2%	10.4%	0.2%	0.2%
Mon 2 May 2022	100.0%	88.3%	11.5%	0.0%	0.3%
Tue 3 May 2022	100.0%	83.6%	14.4%	0.6%	1.4%
Wed 4 May 2022	100.0%	84.9%	13.8%	0.2%	1.1%
5 Day Ave.	100.0%	82.8%	15.0%	0.4%	1.8%
7 Day Ave.	100.0%	83.2%	14.7%	0.4%	1.7%

360 TSL Ltd



	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 28 Apr 2022	100.0%	82.7%	14.3%	0.6%	2.4%
Fri 29 Apr 2022	100.0%	82.2%	15.3%	0.5%	2.0%
Sat 30 Apr 2022	100.0%	86.8%	10.4%	0.0%	2.8%
Sun 1 May 2022	100.0%	91.0%	8.7%	0.1%	0.1%
Mon 2 May 2022	100.0%	90.1%	9.8%	0.0%	0.2%
Tue 3 May 2022	100.0%	85.3%	12.9%	0.5%	1.3%
Wed 4 May 2022	100.0%	86.1%	12.4%	0.2%	1.3%
5 Day Ave.	100.0%	84.5%	13.5%	0.4%	1.7%
7 Day Ave.	100.0%	84.9%	13.1%	0.4%	1.7%

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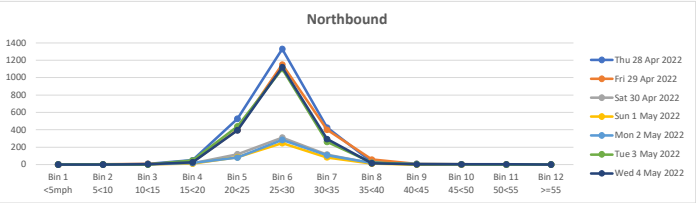


North Wales ATC 20, Ffordd William Morgan

Direction: Northbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5<10	Bin 3 10<15	Bin 4 15<20	Bin 5 20<25	Bin 6 25<30	Bin 7 30<35	Bin 8 35<40	Bin 9 40<45	Bin 10 45<50	Bin 11 50<55	Bin 12 >=55
Thu 28 Apr 2022	2375	31.2	27.2	3.9	0	0	8	49	527	1331	426	29	2	1	0	2
Fri 29 Apr 2022	2048	31.8	27.7	4.0	0	1	6	28	398	1151	399	57	7	1	0	0
Sat 30 Apr 2022	575	31.6	27.3	4.2	0	0	4	16	118	310	113	12	2	0	0	0
Sun 1 May 2022	440	31.5	27.4	3.9	0	0	2	11	86	248	82	11	0	0	0	0
Mon 2 May 2022	516	32.6	27.9	4.5	0	0	3	18	79	284	107	18	6	1	0	0
Tue 3 May 2022	1874	30.7	26.9	3.6	0	1	0	46	440	1102	261	20	3	1	0	0
Wed 4 May 2022	1858	30.9	27.2	3.6	0	0	3	27	395	1120	293	16	2	1	1	0
5 Day Ave.	1734	31.4	27.4	3.9	0	0	4	34	368	998	297	28	4	1	0	0
7 Day Ave.	1384	31.5	27.4	4.0	0	0	4	28	292	792	240	23	3	1	0	0

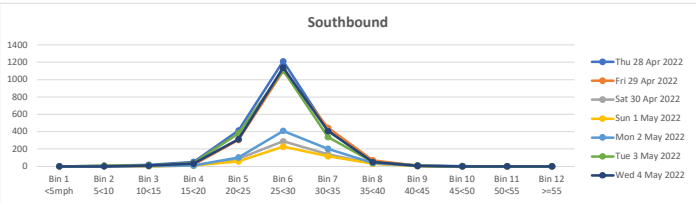
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Direction: Southbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5<10	Bin 3 10<15	Bin 4 15<20	Bin 5 20<25	Bin 6 25<30	Bin 7 30<35	Bin 8 35<40	Bin 9 40<45	Bin 10 45<50	Bin 11 50<55	Bin 12 >=55
Thu 28 Apr 2022	2189	32.0	27.5	4.4	0	5	18	52	413	1211	420	57	10	2	1	0
Fri 29 Apr 2022	1960	32.2	28.0	4.0	0	3	10	21	305	1102	444	69	5	1	0	0
Sat 30 Apr 2022	569	33.3	28.4	4.7	0	3	1	10	88	289	140	31	6	1	0	0
Sun 1 May 2022	452	33.5	28.4	4.9	0	3	4	10	58	228	115	31	3	0	0	0
Mon 2 May 2022	776	33.0	28.5	4.4	0	1	6	10	103	410	202	39	5	0	0	0
Tue 3 May 2022	1932	31.6	27.4	4.1	0	6	9	38	379	1108	337	49	6	0	0	0
Wed 4 May 2022	1952	31.8	27.8	3.9	0	0	8	31	312	1140	407	48	5	1	0	0
5 Day Ave.	1762	32.1	27.8	4.1	0	3	10	30	302	994	362	52	6	1	0	0
7 Day Ave.	1404	32.5	28.0	4.3	0	3	8	25	237	784	295	46	6	1	0	0

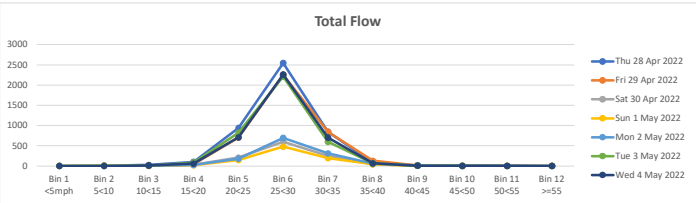
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Direction: Total Flow

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5<10	Bin 3 10<15	Bin 4 15<20	Bin 5 20<25	Bin 6 25<30	Bin 7 30<35	Bin 8 35<40	Bin 9 40<45	Bin 10 45<50	Bin 11 50<55	Bin 12 >=55
Thu 28 Apr 2022	4564	31.6	27.3	4.1	0	5	26	101	940	2542	846	86	12	3	1	2
Fri 29 Apr 2022	4008	32.0	27.8	4.0	0	4	16	49	703	2253	843	126	12	2	0	0
Sat 30 Apr 2022	1144	32.5	27.9	4.5	0	3	5	26	206	599	253	43	8	1	0	0
Sun 1 May 2022	892	32.6	27.9	4.5	0	3	6	21	144	476	197	42	3	0	0	0
Mon 2 May 2022	1292	32.8	28.2	4.4	0	1	9	28	182	694	309	57	11	1	0	0
Tue 3 May 2022	3806	31.2	27.1	3.9	0	7	9	84	819	2210	598	69	9	1	0	0
Wed 4 May 2022	3810	31.4	27.5	3.7	0	0	11	58	707	2260	700	64	7	2	1	0
5 Day Ave.	3496	31.8	27.6	4.0	0	3	14	64	670	1992	659	80	10	2	0	0
7 Day Ave.	2788	32.0	27.7	4.2	0	3	12	52	529	1576	535	70	9	1	0	0

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## North Wales ATC 20, Ffordd William Morgan

Direction: Northbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5<10	Bin 3 10<15	Bin 4 15<20	Bin 5 20<25	Bin 6 25<30	Bin 7 30<35	Bin 8 35<40	Bin 9 40<45	Bin 10 45<50	Bin 11 50<55	Bin 12 >=55
Thu 28 Apr 2022	229	30.2	26.4	3.7	0	0	2	7	61	130	29	0	0	0	0	0
Fri 29 Apr 2022	228	31.4	27.5	3.8	0	0	0	1	57	117	48	5	0	0	0	0
Sat 30 Apr 2022	112	31.2	27.6	3.5	0	0	0	3	15	71	22	1	0	0	0	0
Sun 1 May 2022	73	30.7	27.0	3.6	0	0	0	1	19	41	11	1	0	0	0	0
Mon 2 May 2022	90	30.2	25.9	4.2	0	0	0	11	17	52	10	0	0	0	0	0
Tue 3 May 2022	189	30.3	26.5	3.7	0	0	0	7	53	101	28	0	0	0	0	0
Wed 4 May 2022	199	30.0	26.5	3.3	0	0	0	3	58	112	26	0	0	0	0	0
5 Day Ave.	187	30.4	26.5	3.7	0	0	0	6	49	102	28	1	0	0	0	0
7 Day Ave.	160	30.6	26.8	3.7	0	0	0	5	40	89	25	1	0	0	0	0

360 TSL Ltd

Direction: Southbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5<10	Bin 3 10<15	Bin 4 15<20	Bin 5 20<25	Bin 6 25<30	Bin 7 30<35	Bin 8 35<40	Bin 9 40<45	Bin 10 45<50	Bin 11 50<55	Bin 12 >=55
Thu 28 Apr 2022	237	31.8	26.4	5.2	0	2	5	14	56	114	38	6	2	0	0	0
Fri 29 Apr 2022	291	32.2	27.6	4.5	0	1	1	8	61	143	67	9	1	0	0	0
Sat 30 Apr 2022	89	31.9	26.8	4.9	0	0	0	6	27	33	19	4	0	0	0	0
Sun 1 May 2022	76	33.4	29.0	4.2	0	0	0	1	8	41	20	5	1	0	0	0
Mon 2 May 2022	70	32.2	27.1	4.8	0	0	0	7	12	32	17	2	0	0	0	0
Tue 3 May 2022	173	31.6	27.1	4.3	0	0	1	5	41	92	28	5	1	0	0	0
Wed 4 May 2022	206	31.6	27.3	4.2	0	0	1	7	42	114	35	7	0	0	0	0
5 Day Ave.	195	31.9	27.1	4.6	0	1	2	8	42	99	37	6	1	0	0	0
7 Day Ave.	163	32.1	27.3	4.6	0	0	1	7	35	81	32	5	1	0	0	0

360 TSL Ltd

Direction: Total Flow

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5<10	Bin 3 10<15	Bin 4 15<20	Bin 5 20<25	Bin 6 25<30	Bin 7 30<35	Bin 8 35<40	Bin 9 40<45	Bin 10 45<50	Bin 11 50<55	Bin 12 >=55
Thu 28 Apr 2022	466	31.1	26.4	4.5	0	2	7	21	117	244	67	6	2	0	0	0
Fri 29 Apr 2022	519	31.8	27.5	4.2	0	1	1	9	118	260	115	14	1	0	0	0
Sat 30 Apr 2022	201	31.6	27.3	4.2	0	0	0	9	42	104	41	5	0	0	0	0
Sun 1 May 2022	149	32.2	28.0	4.1	0	0	0	2	27	82	31	6	1	0	0	0
Mon 2 May 2022	160	31.1	26.4	4.5	0	0	0	18	29	84	27	2	0	0	0	0
Tue 3 May 2022	362	30.9	26.8	4.0	0	0	1	12	94	193	56	5	1	0	0	0
Wed 4 May 2022	405	30.8	26.9	3.8	0	0	1	10	100	226	61	7	0	0	0	0
5 Day Ave.	382	31.2	26.8	4.2	0	1	2	14	92	201	65	7	1	0	0	0
7 Day Ave.	323	31.4	27.0	4.2	0	0	1	12	75	170	57	6	1	0	0	0

360 TSL Ltd



## North Wales ATC 20, Ffordd William Morgan

Direction: Northbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5<10	Bin 3 10<15	Bin 4 15<20	Bin 5 20<25	Bin 6 25<30	Bin 7 30<35	Bin 8 35<40	Bin 9 40<45	Bin 10 45<50	Bin 11 50<55	Bin 12 >=55
Thu 28 Apr 2022	305	30.6	27.0	3.4	0	0	0	5	70	183	44	3	0	0	0	0
Fri 29 Apr 2022	322	31.6	27.6	3.9	0	0	0	10	53	192	57	9	1	0	0	0
Sat 30 Apr 2022	86	31.5	26.9	4.5	0	0	1	3	24	38	18	2	0	0	0	0
Sun 1 May 2022	82	31.0	27.5	3.4	0	0	0	1	14	53	12	2	0	0	0	0
Mon 2 May 2022	78	33.4	28.3	4.9	0	0	1	1	15	32	27	1	0	1	0	0
Tue 3 May 2022	259	30.4	26.7	3.6	0	0	0	8	64	153	31	3	0	0	0	0
Wed 4 May 2022	232	31.0	27.2	3.7	0	0	1	7	42	142	37	3	0	0	0	0
5 Day Ave.	239	31.4	27.3	3.9	0	0	0	6	49	140	39	4	0	0	0	0
7 Day Ave.	195	31.4	27.3	3.9	0	0	0	5	40	113	32	3	0	0	0	0

360 TSL Ltd

Direction: Southbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5<10	Bin 3 10<15	Bin 4 15<20	Bin 5 20<25	Bin 6 25<30	Bin 7 30<35	Bin 8 35<40	Bin 9 40<45	Bin 10 45<50	Bin 11 50<55	Bin 12 >=55
Thu 28 Apr 2022	254	31.3	26.9	4.2	0	0	1	14	54	135	46	3	1	0	0	0
Fri 29 Apr 2022	223	32.7	28.7	3.9	0	0	0	0	32	120	59	11	1	0	0	0
Sat 30 Apr 2022	68	31.4	27.2	4.0	0	0	1	0	17	35	14	1	0	0	0	0
Sun 1 May 2022	82	32.9	27.5	5.2	0	1	2	1	14	43	16	5	0	0	0	0
Mon 2 May 2022	117	32.7	27.7	4.8	0	0	3	2	22	57	27	6	0	0	0	0
Tue 3 May 2022	248	30.4	26.7	3.6	0	0	0	3	73	139	27	6	0	0	0	0
Wed 4 May 2022	233	31.5	27.4	4.0	0	0	1	9	43	122	58	0	0	0	0	0
5 Day Ave.	215	31.7	27.5	4.1	0	0	1	6	45	115	43	5	0	0	0	0
7 Day Ave.	175	31.8	27.4	4.3	0	0	1	4	36	93	35	5	0	0	0	0

360 TSL Ltd

Direction: Total Flow

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5<10	Bin 3 10<15	Bin 4 15<20	Bin 5 20<25	Bin 6 25<30	Bin 7 30<35	Bin 8 35<40	Bin 9 40<45	Bin 10 45<50	Bin 11 50<55	Bin 12 >=55
Thu 28 Apr 2022	559	30.9	27.0	3.8	0	0	1	19	124	318	90	6	1	0	0	0
Fri 29 Apr 2022	545	32.1	28.0	3.9	0	0	0	10	85	312	116	20	2	0	0	0
Sat 30 Apr 2022	154	31.5	27.0	4.3	0	0	2	3	41	73	32	3	0	0	0	0
Sun 1 May 2022	164	32.1	27.5	4.4	0	1	2	2	28	96	28	7	0	0	0	0
Mon 2 May 2022	195	32.9	27.9	4.8	0	0	4	3	37	89	54	7	0	1	0	0
Tue 3 May 2022	507	30.4	26.7	3.6	0	0	0	11	137	292	58	9	0	0	0	0
Wed 4 May 2022	465	31.2	27.3	3.8	0	0	2	16	85	264	95	3	0	0	0	0
5 Day Ave.	454	31.5	27.4	4.0	0	0	1	12	94	255	83	9	1	0	0	0
7 Day Ave.	370	31.6	27.3	4.1	0	0	2	9	77	206	68	8	0	0	0	0

360 TSL Ltd



North Wales ATC 20, Ffordd William Morgan

Direction: Northbound

28/04/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	9	9	0	0	0
01:00	3	2	1	0	0
02:00	4	3	1	0	0
03:00	3	2	1	0	0
04:00	7	7	0	0	0
05:00	13	8	3	0	2
06:00	41	31	8	0	2
07:00	102	77	22	1	2
08:00	219	174	38	2	5
09:00	157	117	31	0	9
10:00	106	66	30	4	6
11:00	123	99	20	2	2
12:00	165	139	22	1	3
13:00	175	146	25	2	2
14:00	137	117	16	0	4
15:00	168	146	20	0	2
16:00	351	329	19	0	3
17:00	344	319	22	1	2
18:00	94	83	11	0	0
19:00	44	39	3	0	2
20:00	35	31	1	1	2
21:00	51	46	3	0	2
22:00	16	15	0	0	1
23:00	8	8	0	0	0
Total					
12H(7-19)	2141	1812	276	13	40
16H(6-22)	2312	1959	291	14	48
18H(6-24)	2336	1982	291	14	49
24H(0-24)	2375	2013	297	14	51
AM Peak	08:00	08:00	08:00	10:00	09:00
	219	174	38	4	9
PM Peak	16:00	16:00	13:00	13:00	14:00
	351	329	25	2	4

360 TSL Ltd

Direction: Southbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	7	7	0	0	0
01:00	1	0	1	0	0
02:00	4	4	0	0	0
03:00	2	1	1	0	0
04:00	5	4	1	0	0
05:00	78	72	3	1	2
06:00	60	46	12	0	2
07:00	280	251	27	0	2
08:00	357	289	60	2	6
09:00	152	113	29	0	10
10:00	135	96	26	2	11
11:00	102	77	24	0	1
12:00	122	91	29	0	2
13:00	151	116	29	2	4
14:00	110	88	19	1	2
15:00	144	110	31	1	2
16:00	146	118	23	0	5
17:00	173	146	24	0	3
18:00	68	55	11	1	1
19:00	37	31	3	1	2
20:00	32	29	0	1	2
21:00	11	8	1	0	2
22:00	8	5	2	0	1
23:00	4	3	1	0	0
Total					
12H(7-19)	1940	1550	332	9	49
16H(6-22)	2080	1664	348	11	57
18H(6-24)	2092	1672	351	11	58
24H(0-24)	2189	1760	357	12	60
AM Peak	08:00	08:00	08:00	08:00	10:00
	357	289	60	2	11
PM Peak	17:00	17:00	15:00	13:00	16:00
	173	146	31	2	5

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	16	16	0	0	0
01:00	4	2	2	0	0
02:00	8	7	1	0	0
03:00	5	3	2	0	0
04:00	12	11	1	0	0
05:00	91	80	6	1	4
06:00	101	77	20	0	4
07:00	382	328	49	1	4
08:00	576	463	98	4	11
09:00	309	230	60	0	19
10:00	241	162	56	6	17
11:00	225	176	44	2	3
12:00	287	230	51	1	5
13:00	326	262	54	4	6
14:00	247	205	35	1	6
15:00	312	256	51	1	4
16:00	497	447	42	0	8
17:00	517	465	46	1	5
18:00	162	138	22	1	1
19:00	81	70	6	1	4
20:00	67	60	1	2	4
21:00	62	54	4	0	4
22:00	24	20	2	0	2
23:00	12	11	1	0	0
Total					
12H(7-19)	4081	3362	608	22	89
16H(6-22)	4392	3623	639	25	105
18H(6-24)	4428	3654	642	25	107
24H(0-24)	4564	3773	654	26	111
AM Peak	08:00	08:00	08:00	10:00	09:00
	576	463	98	6	19
PM Peak	17:00	17:00	13:00	13:00	16:00
	517	465	54	4	8

360 TSL Ltd



# North Wales ATC 20, Ffordd William Morgan

Direction: Northbound

29/04/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	8	8	0	0	0
01:00	2	2	0	0	0
02:00	3	2	1	0	0
03:00	2	2	0	0	0
04:00	2	2	0	0	0
05:00	13	10	1	0	2
06:00	41	35	5	0	1
07:00	77	56	18	1	2
08:00	169	137	28	0	4
09:00	105	72	29	1	3
10:00	100	75	24	0	1
11:00	128	101	21	2	4
12:00	308	274	31	0	3
13:00	217	187	26	2	2
14:00	159	126	30	1	2
15:00	163	141	20	0	2
16:00	228	209	16	0	3
17:00	148	131	13	2	2
18:00	66	61	4	0	1
19:00	41	34	6	0	1
20:00	35	25	8	0	2
21:00	16	14	2	0	0
22:00	5	4	0	0	1
23:00	12	12	0	0	0
Total					
12H(7-19)	1868	1570	260	9	29
16H(6-22)	2001	1678	281	9	33
18H(6-24)	2018	1694	281	9	34
24H(0-24)	2048	1720	283	9	36
AM Peak	08:00	08:00	09:00	11:00	08:00
	169	137	29	2	4
PM Peak	12:00	12:00	12:00	13:00	12:00
	308	274	31	2	3

360 TSL Ltd

Direction: Southbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	1	1	0	0	0
01:00	3	2	1	0	0
02:00	2	2	0	0	0
03:00	4	2	2	0	0
04:00	9	8	1	0	0
05:00	84	80	2	0	2
06:00	69	58	9	1	1
07:00	240	202	33	1	4
08:00	270	224	41	0	5
09:00	115	86	24	0	5
10:00	145	106	33	3	3
11:00	146	108	34	1	3
12:00	126	97	27	1	1
13:00	122	98	21	1	2
14:00	110	88	19	1	2
15:00	113	87	23	0	3
16:00	180	147	29	0	4
17:00	103	85	15	1	2
18:00	51	42	7	0	2
19:00	23	17	5	0	1
20:00	15	11	2	0	2
21:00	17	15	0	0	2
22:00	5	4	1	0	0
23:00	7	6	1	0	0
Total					
12H(7-19)	1721	1370	306	9	36
16H(6-22)	1845	1471	322	10	42
18H(6-24)	1857	1481	324	10	42
24H(0-24)	1960	1576	330	10	44
AM Peak	08:00	08:00	08:00	10:00	08:00
	270	224	41	3	5
PM Peak	16:00	16:00	16:00	12:00	16:00
	180	147	29	1	4

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	9	9	0	0	0
01:00	5	4	1	0	0
02:00	5	4	1	0	0
03:00	6	4	2	0	0
04:00	11	10	1	0	0
05:00	97	90	3	0	4
06:00	110	93	14	1	2
07:00	317	258	51	2	6
08:00	439	361	69	0	9
09:00	220	158	53	1	8
10:00	245	181	57	3	4
11:00	274	209	55	3	7
12:00	434	371	58	1	4
13:00	339	285	47	3	4
14:00	269	214	49	2	4
15:00	276	228	43	0	5
16:00	408	356	45	0	7
17:00	251	216	28	3	4
18:00	117	103	11	0	3
19:00	64	51	11	0	2
20:00	50	36	10	0	4
21:00	33	29	2	0	2
22:00	10	8	1	0	1
23:00	19	18	1	0	0
Total					
12H(7-19)	3589	2940	566	18	65
16H(6-22)	3846	3149	603	19	75
18H(6-24)	3875	3175	605	19	76
24H(0-24)	4008	3296	613	19	80
AM Peak	08:00	08:00	08:00	10:00	08:00
	439	361	69	3	9
PM Peak	12:00	12:00	12:00	13:00	16:00
	434	371	58	3	7

360 TSL Ltd



# North Wales ATC 20, Ffordd William Morgan

Direction: Northbound

30/04/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	4	4	0	0	0
01:00	3	3	0	0	0
02:00	1	1	0	0	0
03:00	2	2	0	0	0
04:00	0	0	0	0	0
05:00	5	5	0	0	0
06:00	17	14	2	0	1
07:00	18	16	1	0	1
08:00	39	34	4	0	1
09:00	44	37	7	0	0
10:00	59	52	7	0	0
11:00	53	50	2	0	1
12:00	47	36	10	0	1
13:00	37	32	4	0	1
14:00	44	42	1	0	1
15:00	42	37	4	0	1
16:00	36	33	2	0	1
17:00	34	30	3	0	1
18:00	33	30	2	0	1
19:00	14	13	0	0	1
20:00	17	15	0	0	2
21:00	7	5	0	0	2
22:00	16	15	0	0	1
23:00	3	3	0	0	0
Total					
12H(7-19)	486	429	47	0	10
16H(6-22)	541	476	49	0	16
18H(6-24)	560	494	49	0	17
24H(0-24)	575	509	49	0	17
AM Peak	10:00 59	10:00 52	09:00 7	00:00 0	06:00 1
PM Peak	12:00 47	14:00 42	12:00 10	12:00 0	20:00 2

360 TSL Ltd

Direction: Southbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	1	1	0	0	0
01:00	2	2	0	0	0
02:00	1	1	0	0	0
03:00	2	2	0	0	0
04:00	2	2	0	0	0
05:00	10	8	1	0	1
06:00	16	14	2	0	0
07:00	40	33	6	0	1
08:00	20	14	5	0	1
09:00	35	29	5	0	1
10:00	32	28	3	0	1
11:00	57	48	8	0	1
12:00	48	41	6	0	1
13:00	64	61	2	0	1
14:00	38	33	4	0	1
15:00	30	25	4	0	1
16:00	43	38	4	0	1
17:00	50	39	10	0	1
18:00	32	26	5	0	1
19:00	16	15	1	0	0
20:00	13	12	1	0	0
21:00	6	4	1	0	1
22:00	7	4	2	0	1
23:00	4	4	0	0	0
Total					
12H(7-19)	489	415	62	0	12
16H(6-22)	540	460	67	0	13
18H(6-24)	551	468	69	0	14
24H(0-24)	569	484	70	0	15
AM Peak	11:00 57	11:00 48	11:00 8	00:00 0	05:00 1
PM Peak	13:00 64	13:00 61	17:00 10	12:00 0	12:00 1

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	5	5	0	0	0
01:00	5	5	0	0	0
02:00	2	2	0	0	0
03:00	4	4	0	0	0
04:00	2	2	0	0	0
05:00	15	13	1	0	1
06:00	33	28	4	0	1
07:00	58	49	7	0	2
08:00	59	48	9	0	2
09:00	79	66	12	0	1
10:00	91	80	10	0	1
11:00	110	98	10	0	2
12:00	95	77	16	0	2
13:00	101	93	6	0	2
14:00	82	75	5	0	2
15:00	72	62	8	0	2
16:00	79	71	6	0	2
17:00	84	69	13	0	2
18:00	65	56	7	0	2
19:00	30	28	1	0	1
20:00	30	27	1	0	2
21:00	13	9	1	0	3
22:00	23	19	2	0	2
23:00	7	7	0	0	0
Total					
12H(7-19)	975	844	109	0	22
16H(6-22)	1081	936	116	0	29
18H(6-24)	1111	962	118	0	31
24H(0-24)	1144	993	119	0	32
AM Peak	11:00 110	11:00 98	09:00 12	00:00 0	07:00 2
PM Peak	13:00 101	13:00 93	12:00 16	12:00 0	21:00 3

360 TSL Ltd



# North Wales ATC 20, Ffordd William Morgan

Direction: Northbound

01/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	2	2	0	0	0
01:00	1	1	0	0	0
02:00	0	0	0	0	0
03:00	2	2	0	0	0
04:00	0	0	0	0	0
05:00	5	5	0	0	0
06:00	8	8	0	0	0
07:00	13	13	0	0	0
08:00	17	17	0	0	0
09:00	27	24	3	0	0
10:00	32	28	4	0	0
11:00	41	38	3	0	0
12:00	27	26	1	0	0
13:00	49	44	5	0	0
14:00	37	34	3	0	0
15:00	45	42	3	0	0
16:00	36	33	3	0	0
17:00	29	25	4	0	0
18:00	32	32	0	0	0
19:00	14	13	1	0	0
20:00	13	12	1	0	0
21:00	3	3	0	0	0
22:00	5	5	0	0	0
23:00	2	2	0	0	0
Total					
12H(7-19)	385	356	29	0	0
16H(6-22)	423	392	31	0	0
18H(6-24)	430	399	31	0	0
24H(0-24)	440	409	31	0	0
AM Peak	11:00	11:00	10:00	00:00	00:00
	41	38	4	0	0
PM Peak	13:00	13:00	13:00	12:00	12:00
	49	44	5	0	0

360 TSL Ltd

Direction: Southbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	0	0	0	0	0
01:00	3	3	0	0	0
02:00	1	0	1	0	0
03:00	0	0	0	0	0
04:00	0	0	0	0	0
05:00	9	8	1	0	0
06:00	17	15	1	1	0
07:00	17	17	0	0	0
08:00	14	11	3	0	0
09:00	21	17	4	0	0
10:00	41	38	3	0	0
11:00	35	31	4	0	0
12:00	30	26	4	0	0
13:00	41	41	0	0	0
14:00	43	40	3	0	0
15:00	39	32	7	0	0
16:00	44	39	4	0	1
17:00	36	30	6	0	0
18:00	27	23	4	0	0
19:00	15	14	1	0	0
20:00	10	9	1	0	0
21:00	4	4	0	0	0
22:00	3	3	0	0	0
23:00	2	2	0	0	0
Total					
12H(7-19)	388	345	42	0	1
16H(6-22)	434	387	45	1	1
18H(6-24)	439	392	45	1	1
24H(0-24)	452	403	47	1	1
AM Peak	10:00	10:00	09:00	06:00	00:00
	41	38	4	1	0
PM Peak	16:00	13:00	15:00	12:00	16:00
	44	41	7	0	1

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	2	2	0	0	0
01:00	4	4	0	0	0
02:00	1	0	1	0	0
03:00	2	2	0	0	0
04:00	0	0	0	0	0
05:00	14	13	1	0	0
06:00	25	23	1	1	0
07:00	30	30	0	0	0
08:00	31	28	3	0	0
09:00	48	41	7	0	0
10:00	73	66	7	0	0
11:00	76	69	7	0	0
12:00	57	52	5	0	0
13:00	90	85	5	0	0
14:00	80	74	6	0	0
15:00	84	74	10	0	0
16:00	80	72	7	0	1
17:00	65	55	10	0	0
18:00	59	55	4	0	0
19:00	29	27	2	0	0
20:00	23	21	2	0	0
21:00	7	7	0	0	0
22:00	8	8	0	0	0
23:00	4	4	0	0	0
Total					
12H(7-19)	773	701	71	0	1
16H(6-22)	857	779	76	1	1
18H(6-24)	869	791	76	1	1
24H(0-24)	892	812	78	1	1
AM Peak	11:00	11:00	09:00	06:00	00:00
	76	69	7	1	0
PM Peak	13:00	13:00	15:00	12:00	16:00
	90	85	10	0	1

360 TSL Ltd



# North Wales ATC 20, Ffordd William Morgan

Direction: Northbound

02/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	4	4	0	0	0
01:00	1	0	1	0	0
02:00	6	6	0	0	0
03:00	0	0	0	0	0
04:00	1	1	0	0	0
05:00	6	6	0	0	0
06:00	12	11	1	0	0
07:00	16	16	0	0	0
08:00	17	15	2	0	0
09:00	27	24	3	0	0
10:00	36	32	4	0	0
11:00	54	50	4	0	0
12:00	49	43	6	0	0
13:00	34	30	4	0	0
14:00	35	35	0	0	0
15:00	43	41	2	0	0
16:00	37	35	2	0	0
17:00	43	40	3	0	0
18:00	47	47	0	0	0
19:00	21	18	3	0	0
20:00	11	10	1	0	0
21:00	5	5	0	0	0
22:00	6	5	1	0	0
23:00	5	5	0	0	0
Total					
12H(7-19)	438	408	30	0	0
16H(6-22)	487	452	35	0	0
18H(6-24)	498	462	36	0	0
24H(0-24)	516	479	37	0	0
AM Peak	11:00	11:00	10:00	00:00	00:00
	54	50	4	0	0
PM Peak	12:00	18:00	12:00	12:00	12:00
	49	47	6	0	0

360 TSL Ltd

Direction: Southbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	0	0	0	0	0
01:00	3	3	0	0	0
02:00	2	2	0	0	0
03:00	0	0	0	0	0
04:00	1	0	1	0	0
05:00	8	7	1	0	0
06:00	21	20	1	0	0
07:00	19	16	3	0	0
08:00	21	20	1	0	0
09:00	22	17	5	0	0
10:00	33	29	3	0	1
11:00	37	34	3	0	0
12:00	56	50	6	0	0
13:00	49	43	6	0	0
14:00	56	50	6	0	0
15:00	61	55	6	0	0
16:00	126	112	14	0	0
17:00	89	79	10	0	0
18:00	119	105	14	0	0
19:00	23	20	2	0	1
20:00	15	14	1	0	0
21:00	7	4	3	0	0
22:00	6	3	3	0	0
23:00	2	2	0	0	0
Total					
12H(7-19)	688	610	77	0	1
16H(6-22)	754	668	84	0	2
18H(6-24)	762	673	87	0	2
24H(0-24)	776	685	89	0	2
AM Peak	11:00	11:00	09:00	00:00	10:00
	37	34	5	0	1
PM Peak	16:00	16:00	16:00	12:00	19:00
	126	112	14	0	1

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	4	4	0	0	0
01:00	4	3	1	0	0
02:00	8	8	0	0	0
03:00	0	0	0	0	0
04:00	2	1	1	0	0
05:00	14	13	1	0	0
06:00	33	31	2	0	0
07:00	35	32	3	0	0
08:00	38	35	3	0	0
09:00	49	41	8	0	0
10:00	69	61	7	0	1
11:00	91	84	7	0	0
12:00	105	93	12	0	0
13:00	83	73	10	0	0
14:00	91	85	6	0	0
15:00	104	96	8	0	0
16:00	163	147	16	0	0
17:00	132	119	13	0	0
18:00	166	152	14	0	0
19:00	44	38	5	0	1
20:00	26	24	2	0	0
21:00	12	9	3	0	0
22:00	12	8	4	0	0
23:00	7	7	0	0	0
Total					
12H(7-19)	1126	1018	107	0	1
16H(6-22)	1241	1120	119	0	2
18H(6-24)	1260	1135	123	0	2
24H(0-24)	1292	1164	126	0	2
AM Peak	11:00	11:00	09:00	00:00	10:00
	91	84	8	0	1
PM Peak	18:00	18:00	16:00	12:00	19:00
	166	152	16	0	1

360 TSL Ltd



# North Wales ATC 20, Ffordd William Morgan

Direction: Northbound

03/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	9	9	0	0	0
01:00	0	0	0	0	0
02:00	2	2	0	0	0
03:00	2	1	1	0	0
04:00	4	4	0	0	0
05:00	13	12	0	0	1
06:00	32	30	1	0	1
07:00	104	87	17	0	0
08:00	213	189	20	0	4
09:00	123	99	21	2	1
10:00	94	75	19	0	0
11:00	95	78	16	0	1
12:00	124	105	17	0	2
13:00	119	102	15	0	2
14:00	120	103	14	1	2
15:00	139	108	27	2	2
16:00	261	236	22	1	2
17:00	252	236	14	1	1
18:00	54	50	4	0	0
19:00	30	27	2	0	1
20:00	18	16	1	0	1
21:00	47	45	1	0	1
22:00	10	9	0	0	1
23:00	9	9	0	0	0
Total					
12H(7-19)	1698	1468	206	7	17
16H(6-22)	1825	1586	211	7	21
18H(6-24)	1844	1604	211	7	22
24H(0-24)	1874	1632	212	7	23
AM Peak	08:00	08:00	09:00	09:00	08:00
	213	189	21	2	4
PM Peak	16:00	16:00	15:00	15:00	12:00
	261	236	27	2	2

360 TSL Ltd

Direction: Southbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	4	4	0	0	0
01:00	0	0	0	0	0
02:00	4	3	1	0	0
03:00	2	2	0	0	0
04:00	6	5	1	0	0
05:00	71	64	6	0	1
06:00	59	50	8	1	0
07:00	233	205	27	0	1
08:00	271	234	34	0	3
09:00	102	79	17	2	4
10:00	100	76	21	0	3
11:00	73	54	17	0	2
12:00	112	86	21	3	2
13:00	152	130	18	0	4
14:00	108	91	16	0	1
15:00	140	106	31	2	1
16:00	189	156	30	0	3
17:00	178	154	21	2	1
18:00	54	49	5	0	0
19:00	27	24	3	0	0
20:00	22	21	1	0	0
21:00	10	8	0	1	1
22:00	11	10	1	0	0
23:00	4	4	0	0	0
Total					
12H(7-19)	1712	1420	258	9	25
16H(6-22)	1830	1523	270	11	26
18H(6-24)	1845	1537	271	11	26
24H(0-24)	1932	1615	279	11	27
AM Peak	08:00	08:00	08:00	09:00	09:00
	271	234	34	2	4
PM Peak	16:00	16:00	15:00	12:00	13:00
	189	156	31	3	4

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	13	13	0	0	0
01:00	0	0	0	0	0
02:00	6	5	1	0	0
03:00	4	3	1	0	0
04:00	10	9	1	0	0
05:00	84	76	6	0	2
06:00	91	80	9	1	1
07:00	337	292	44	0	1
08:00	484	423	54	0	7
09:00	225	178	38	4	5
10:00	194	151	40	0	3
11:00	168	132	33	0	3
12:00	236	191	38	3	4
13:00	271	232	33	0	6
14:00	228	194	30	1	3
15:00	279	214	58	4	3
16:00	450	392	52	1	5
17:00	430	390	35	3	2
18:00	108	99	9	0	0
19:00	57	51	5	0	1
20:00	40	37	2	0	1
21:00	57	53	1	1	2
22:00	21	19	1	0	1
23:00	13	13	0	0	0
Total					
12H(7-19)	3410	2888	464	16	42
16H(6-22)	3655	3109	481	18	47
18H(6-24)	3689	3141	482	18	48
24H(0-24)	3806	3247	491	18	50
AM Peak	08:00	08:00	08:00	09:00	08:00
	484	423	54	4	7
PM Peak	16:00	16:00	15:00	15:00	13:00
	450	392	58	4	6

360 TSL Ltd



# North Wales ATC 20, Ffordd William Morgan

Direction: Northbound

04/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	9	9	0	0	0
01:00	3	3	0	0	0
02:00	4	4	0	0	0
03:00	2	1	1	0	0
04:00	1	1	0	0	0
05:00	8	7	1	0	0
06:00	31	27	2	0	2
07:00	89	74	14	0	1
08:00	201	184	14	0	3
09:00	133	105	26	1	1
10:00	99	79	19	0	1
11:00	100	79	18	0	3
12:00	131	109	19	1	2
13:00	140	122	15	1	2
14:00	99	87	9	1	2
15:00	133	112	20	0	1
16:00	241	220	19	0	2
17:00	255	239	15	0	1
18:00	68	61	6	0	1
19:00	28	26	1	0	1
20:00	19	16	1	0	2
21:00	47	45	1	0	1
22:00	7	6	0	0	1
23:00	10	9	0	1	0
Total					
12H(7-19)	1689	1471	194	4	20
16H(6-22)	1814	1585	199	4	26
18H(6-24)	1831	1600	199	5	27
24H(0-24)	1858	1625	201	5	27
AM Peak					
	08:00	08:00	09:00	09:00	08:00
	201	184	26	1	3
PM Peak					
	17:00	17:00	15:00	12:00	12:00
	255	239	20	1	2

360 TSL Ltd

Direction: Southbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	3	1	2	0	0
01:00	5	3	2	0	0
02:00	1	1	0	0	0
03:00	4	3	1	0	0
04:00	6	5	1	0	0
05:00	68	64	2	0	2
06:00	54	51	3	0	0
07:00	236	210	25	0	1
08:00	295	259	33	0	3
09:00	118	96	22	0	0
10:00	96	72	22	0	2
11:00	110	83	25	0	2
12:00	109	92	14	0	3
13:00	138	118	18	0	2
14:00	109	85	22	0	2
15:00	124	102	21	0	1
16:00	150	125	23	1	1
17:00	176	157	17	0	2
18:00	57	51	5	1	0
19:00	32	27	5	0	0
20:00	37	31	6	0	0
21:00	12	11	0	0	1
22:00	9	7	1	1	0
23:00	3	3	0	0	0
Total					
12H(7-19)	1718	1450	247	2	19
16H(6-22)	1853	1570	261	2	20
18H(6-24)	1865	1580	262	3	20
24H(0-24)	1952	1657	270	3	22
AM Peak					
	08:00	08:00	08:00	00:00	08:00
	295	259	33	0	3
PM Peak					
	17:00	17:00	16:00	16:00	12:00
	176	157	23	1	3

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	12	10	2	0	0
01:00	8	6	2	0	0
02:00	5	5	0	0	0
03:00	6	4	2	0	0
04:00	7	6	1	0	0
05:00	76	71	3	0	2
06:00	85	78	5	0	2
07:00	325	284	39	0	2
08:00	496	443	47	0	6
09:00	251	201	48	1	1
10:00	195	151	41	0	3
11:00	210	162	43	0	5
12:00	240	201	33	1	5
13:00	278	240	33	1	4
14:00	208	172	31	1	4
15:00	257	214	41	0	2
16:00	391	345	42	1	3
17:00	431	396	32	0	3
18:00	125	112	11	1	1
19:00	60	53	6	0	1
20:00	56	47	7	0	2
21:00	59	56	1	0	2
22:00	16	13	1	1	1
23:00	13	12	0	1	0
Total					
12H(7-19)	3407	2921	441	6	39
16H(6-22)	3667	3155	460	6	46
18H(6-24)	3696	3180	461	8	47
24H(0-24)	3810	3282	471	8	49
AM Peak					
	08:00	08:00	09:00	09:00	08:00
	496	443	48	1	6
PM Peak					
	17:00	17:00	16:00	12:00	12:00
	431	396	42	1	5

360 TSL Ltd



North Wales ATC 20, Flordd William Morgan

Direction: Northbound															
28/04/2022															
Hour Beginning	Total Volume	ECM Percentage	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5-10	Bin 3 10-15	Bin 4 15-20	Bin 5 20-25	Bin 6 25-30	Bin 7 30-35	Bin 8 35-40	Bin 9 40-45	Bin 10 45-50	Bin 11 50-55
00:00	9	35.1	20.7	2.6	0	0	0	0	0	0	0	0	0	0	0
01:00	3	28.8	25.8	2.9	0	0	0	0	1	2	0	0	0	0	0
02:00	4	33.0	30.0	2.0	0	0	0	0	0	2	1	0	0	0	0
03:00	3	32.2	28.2	2.9	0	0	0	0	0	0	2	1	0	0	0
04:00	7	30.2	28.2	1.9	0	0	0	0	0	6	1	0	0	0	0
05:00	13	31.8	25.2	6.3	0	0	2	0	0	2	7	2	0	0	0
06:00	41	32.2	28.2	3.8	0	0	0	1	5	23	11	1	0	0	0
07:00	102	30.2	28.2	6.4	0	0	1	7	14	47	30	1	0	0	2
08:00	219	31.7	27.7	3.9	0	0	0	5	43	112	56	3	0	0	0
09:00	157	30.9	26.7	4.1	0	0	2	9	27	86	21	0	0	0	0
10:00	106	30.0	26.0	3.8	0	0	1	6	27	61	11	0	0	0	0
11:00	123	30.3	26.6	3.5	0	0	1	1	34	69	18	0	0	0	0
12:00	105	29.7	25.9	3.7	0	0	0	8	54	87	15	1	0	0	0
13:00	175	30.1	26.4	3.7	0	0	0	3	59	91	19	3	0	0	0
14:00	137	30.1	26.3	3.7	0	0	0	4	44	71	17	1	0	0	0
15:00	168	30.8	27.6	3.1	0	0	0	1	26	112	27	2	0	0	0
16:00	351	31.1	27.7	3.3	0	0	0	1	11	212	73	3	0	0	0
17:00	344	30.8	27.4	3.3	0	0	0	1	75	204	63	2	0	0	0
18:00	94	31.5	27.4	3.9	0	0	0	0	24	51	16	2	1	0	0
19:00	44	30.7	26.7	3.9	0	0	0	0	16	20	7	1	0	0	0
20:00	35	32.4	27.5	4.7	0	0	1	0	7	19	6	2	0	0	0
21:00	51	31.9	29.1	4.6	0	0	0	1	7	23	16	3	1	0	0
22:00	16	33.5	29.7	3.6	0	0	0	0	1	8	6	1	0	0	0
23:00	8	40.7	33.1	7.3	0	0	0	0	1	1	4	1	0	1	0
Total															
2H(18-19)	229	30.2	26.4	3.7	0	0	2	7	61	130	29	0	0	0	0
2H(14-16)	305	30.6	27.0	3.4	0	0	0	5	70	183	44	3	0	0	0
12H(7-13)	2141	31.0	27.1	3.8	0	0	5	47	487	1233	366	20	1	0	2
24H(0-24)	2175	31.2	27.2	3.8	0	0	8	49	527	1331	426	29	2	1	0
AM Peak	08:00	07:00	02:00	07:00	00:00	00:00	05:00	09:00	08:00	08:00	08:00	08:00	00:00	00:00	07:00
	219	34.9	30.0	6.4	0	0	2	9	43	112	56	3	0	0	2
PM Peak	16:00	23:00	23:00	23:00	12:00	12:00	20:00	12:00	17:00	16:00	16:00	13:00	18:00	23:00	12:00
	351	40.7	33.1	7.3	0	0	1	8	75	212	73	3	1	1	0

360 TSL Ltd

Direction: Southbound															
Hour Beginning	Total Volume	ECM Percentage	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5-10	Bin 3 10-15	Bin 4 15-20	Bin 5 20-25	Bin 6 25-30	Bin 7 30-35	Bin 8 35-40	Bin 9 40-45	Bin 10 45-50	Bin 11 50-55
00:00	7	28.6	26.1	2.4	0	0	0	0	2	5	0	0	0	0	0
01:00	1	0	27.5	0	0	0	0	0	0	0	1	0	0	0	0
02:00	4	35.2	30.0	5.0	0	0	0	0	0	0	3	0	1	0	0
03:00	2	33.7	30.0	3.5	0	0	0	0	0	1	1	0	0	0	0
04:00	5	35.1	30.5	4.5	0	0	0	0	0	3	1	1	0	0	0
05:00	78	33.6	28.8	4.6	0	0	0	0	8	46	18	5	0	1	0
06:00	60	33.5	28.7	3.7	0	0	0	0	8	33	16	3	0	0	0
07:00	280	31.4	27.6	3.7	0	0	0	4	51	170	48	5	2	0	0
08:00	357	31.5	27.8	3.6	0	0	0	6	66	213	69	6	2	0	0
09:00	152	32.4	27.2	4.9	0	0	4	5	29	78	31	4	0	1	0
10:00	135	31.5	27.5	5.5	0	2	5	9	30	68	18	2	1	0	0
11:00	102	32.2	27.3	4.7	0	0	0	5	26	46	20	4	1	0	0
12:00	122	31.6	26.7	4.7	0	1	2	5	23	71	17	2	1	0	0
13:00	151	30.9	27.1	3.7	0	0	0	3	34	91	20	2	1	0	0
14:00	110	30.8	25.9	4.8	0	0	1	11	31	50	15	1	1	0	0
15:00	144	31.4	27.7	3.6	0	0	0	5	23	85	31	2	0	0	0
16:00	146	32.2	28.3	3.8	0	0	0	1	23	81	36	4	1	0	0
17:00	173	31.4	27.9	4.3	0	0	0	3	26	88	50	3	0	0	0
18:00	68	34.0	27.6	6.1	0	1	2	1	10	38	11	4	0	0	1
19:00	37	32.3	27.4	4.8	0	0	0	0	13	16	4	4	0	0	0
20:00	32	33.2	27.5	5.5	0	0	0	1	4	18	6	2	0	0	0
21:00	11	34.0	28.4	5.4	0	0	0	0	4	2	4	1	0	0	0
22:00	8	31.4	28.1	3.3	0	0	0	0	1	0	1	1	0	0	0
23:00	4	37.8	33.3	6.3	0	0	0	0	1	0	2	1	0	0	0
Total															
2H(18-19)	237	31.8	26.4	5.2	0	2	5	14	56	114	38	6	2	0	0
2H(14-16)	254	31.3	26.9	4.2	0	0	1	14	54	135	46	3	1	0	0
12H(7-13)	1940	31.8	27.4	4.3	0	4	17	51	372	1079	366	39	10	1	0
24H(0-24)	2189	32.0	27.5	4.4	0	5	18	52	413	1211	420	57	10	2	1
AM Peak	08:00	03:00	04:00	10:00	00:00	10:00	10:00	10:00	08:00	08:00	08:00	08:00	07:00	05:00	00:00
	357	31.2	30.5	3.5	0	2	5	9	66	213	69	6	2	1	0
PM Peak	17:00	23:00	23:00	23:00	12:00	12:00	17:00	14:00	13:00	13:00	17:00	16:00	12:00	18:00	12:00
	373	37.8	32.8	6.3	0	1	3	11	35	91	50	4	1	0	1

360 TSL Ltd

Direction: Total Flow																
Hour Beginning	Total Volume	ECM Percentage	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5-10	Bin 3 10-15	Bin 4 15-20	Bin 5 20-25	Bin 6 25-30	Bin 7 30-35	Bin 8 Peak	Bin 9 40-45	Bin 10 45-50	Bin 11 50-55	Bin 12 >55
00:00	16	31.3	28.1	3.1	0	0	0	0	2	10	4	0	0	0	0	0
01:00	4	28.8	26.3	2.5	0	0	0	0	1	3	0	0	0	0	0	0
02:00	8	33.9	30.0	3.8	0	0	0	0	0	2	1	0	0	0	0	0
03:00	5	32.3	28.5	2.7	0	0	0	0	0	3	2	0	0	0	0	0
04:00	12	33.5	28.2	3.3	0	0	0	0	0	2	1	0	0	0	0	0
05:00	91	33.5	28.3	5.0	0	0	3	0	10	52	20	5	0	1	0	0
06:00	101	31.4	28.5	3.7	0	0	0	1	11	56	27	4	0	0	0	0
07:00	382	31.5	27.7	4.6	0	0	1	11	65	237	78	6	2	0	0	0
08:00	576	31.6	27.7	3.7	0	0	0	6	109	325	125	9	2	0	0	0
09:00	309	31.7	26.9	4.5	0	0	6	14	56	134	52	6	0	1	0	0
10:00	241	30.9	25.9	4.8	0	2	6	15	57	129	29	2	1	0	0	0
11:00	125	31.2	26.9	4.2	0	0	0	5	40	115	28	4	1	0	0	0
12:00	267	30.6	26.2	4.2	0	1	2	13	77	158	32	3	1	0	0	0
13:00	149	30.5	26.7	3.7	0	0	0	6	93	182	39	5	1	0	0	0
14:00	247	30.5	26.1	4.2	0	0	1	15	75	121	32	2	1	0	0	0
15:00	312	31.1	27.6	3.3	0	0	0	4	40	197	58	4	0	0	0	0
16:00	497	31.4	27.9	3.5	0	0	0	2	80	293	109	7	1	0	0	0
17:00	517	31.4	27.5	3.7	0	0	3	5	99	292	113	5	0	0	0	0
18:00	162	31.6	27.5	4.9	0	1	2	1	34	89	27	6	1	0	0	0
19:00	81	31.5	27.0	4.3	0	0	0	0	29	36	11	5	0	0	0	0
20:00	67	32.8	27.5	5.1	0	1	1	1	11	37	12	4	0	0	0	0
21:00	62	33.9	28.0	4.7	0	0	0	1	11	25	20	4	1	0	0	0
22:00	24	32.8	28.2	3.5	0	0	0	0	2	13	8	1	0	0	0	0
23:00	12	39.5	32.5	6.7	0	0	0	0	2	1	6	2	0	1	0	0
Total																
2H(18-19)	466	31.1	26.4	4.5	0	2	7	21	117	244	67	6	2	0	0	0
2H(14-16)	559	30.9	27.0	3.8	0	0	1	19	124	338	90	6	1	0	0	0
12H(7-13)	4081	31.4	27.2	4.1	0	4	22	98	819	2292	732	59	11	1	1	2
24H(0-24)	4564	31.	27.3	4.1	0	5	26	105	940	2542	846	86	12	3	1	2
AM Peak	08:00	12:00	12:00	05:00	00:00	10:00	08:00	10:00	08:00	08:00	08:00	08:00	07:00	05:00	00:00	07:00
PM Peak	17:00	23:00	23:00	12:00	12:00	17:00	14:00	17:00	14:00	17:00	14:00	17:00	16:00	13:00	13:00	12:00
Peak Hour	13:00	18:00	18:00	12:00	12:00	13:00	10:00	13:00	10:00	13:00	10:00	13:00	12:00	11:00	11:00	10:00



North Wales ATC 20, Flordd William Morgan

Direction: Northbound

Hour Beginning	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5-10	Bin 3 10-15	Bin 4 15-20	Bin 5 20-25	Bin 6 25-30	Bin 7 30-35	Bin 8 35-40	Bin 9 40-45	Bin 10 45-50	Bin 11 50-55	Bin 12 >55
00:00	8	35.4	31.3	4.4	0	0	0	0	0	0	0	0	0	0	0	0
01:00	2	39.8	32.5	7.1	0	0	0	0	0	1	0	1	0	0	0	0
02:00	3	28.8	25.8	2.9	0	0	0	0	0	1	0	0	0	0	0	0
03:00	2	28.7	25.0	3.5	0	0	0	0	0	1	1	0	0	0	0	0
04:00	2	27.5	27.5	0.0	0	0	0	0	0	2	0	0	0	0	0	0
05:00	13	36.2	27.9	8.0	0	1	0	0	2	5	4	0	1	0	0	0
06:00	41	33.0	29.0	3.9	0	0	0	0	0	6	19	14	2	0	0	0
07:00	77	32.6	28.0	4.5	0	0	1	1	14	39	19	2	1	0	0	0
08:00	169	31.6	27.9	3.6	0	0	0	0	1	29	100	34	5	0	0	0
09:00	195	31.8	27.4	4.2	0	0	0	0	1	50	53	20	0	0	0	0
10:00	100	31.6	27.4	4.1	0	0	0	1	27	49	19	4	0	0	0	0
11:00	128	31.2	27.5	3.5	0	0	0	0	0	30	68	29	1	0	0	0
12:00	308	30.0	26.6	3.3	0	0	1	1	88	180	37	1	0	0	0	0
13:00	217	31.4	27.1	4.1	0	0	1	7	47	124	31	6	1	0	0	0
14:00	159	31.3	27.6	3.5	0	0	0	0	2	76	100	24	3	1	0	0
15:00	163	31.9	27.6	4.2	0	0	0	0	8	27	89	33	6	0	0	0
16:00	228	31.8	27.9	3.8	0	0	1	3	35	133	50	0	0	0	0	0
17:00	148	33.0	28.8	4.0	0	0	1	1	12	88	38	6	2	0	0	0
18:00	66	32.5	28.5	3.8	0	0	0	0	0	11	34	18	3	0	0	0
19:00	41	32.5	28.4	4.0	0	0	1	0	2	28	8	2	0	0	0	0
20:00	35	32.1	27.2	4.7	0	0	0	0	2	7	20	3	3	0	0	0
21:00	16	37.4	30.9	6.3	0	0	0	0	0	2	6	5	2	0	1	0
22:00	5	33.3	30.5	2.7	0	0	0	0	0	2	3	0	0	0	0	0
23:00	12	32.3	29.6	2.6	0	0	0	0	0	7	5	0	0	0	0	0
Total	228	31.4	27.5	3.8	0	0	0	1	57	117	48	5	0	0	0	0
2H(14-16)	322	31.6	27.6	3.9	0	0	0	10	53	192	57	9	1	0	0	0
12H(7-19)	1088	31.6	27.6	3.9	0	0	0	8	28	376	1007	352	46	6	0	0
24H(0-24)	2040	31.8	27.7	4.0	0	1	6	28	398	1151	399	57	9	1	0	0
AM Peak	08:00	01:00	02:00	05:00	06:00	05:00	07:00	07:00	09:00	08:00	08:00	08:00	05:00	06:00	06:00	06:00
	169	38.8	32.5	8.0	0	1	1	1	30	100	34	5	1	0	0	0
PM Peak	12:00	21:00	21:00	21:00	12:00	12:00	12:00	15:00	12:00	12:00	16:00	13:00	17:00	21:00	12:00	12:00
	308	37.4	30.9	6.3	0	0	1	8	88	180	37	6	2	1	0	0

360 TSL Ltd

Direction: Southbound

Hour Beginning	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5-10	Bin 3 10-15	Bin 4 15-20	Bin 5 20-25	Bin 6 25-30	Bin 7 30-35	Bin 8 35-40	Bin 9 40-45	Bin 10 45-50	Bin 11 50-55	Bin 12 >55
00:00	1	-	22.5	0	0	0	0	0	0	1	0	0	0	0	0	0
01:00	3	33.8	30.8	2.9	0	0	0	0	0	1	2	0	0	0	0	0
02:00	2	33.7	30.0	3.5	0	0	0	0	0	0	1	1	0	0	0	0
03:00	4	31.9	28.8	2.5	0	0	0	0	0	1	1	0	0	0	0	0
04:00	9	34.3	29.7	4.4	0	0	0	0	0	1	4	3	1	0	0	0
05:00	84	33.0	28.5	4.4	0	0	1	2	9	44	25	4	0	0	0	0
06:00	69	33.8	29.0	4.6	0	0	1	8	37	17	5	0	1	0	0	0
07:00	240	31.4	27.9	3.5	0	1	0	1	31	158	44	5	0	0	0	0
08:00	270	31.2	27.5	3.6	0	1	1	53	160	51	3	1	0	0	0	0
09:00	115	31.4	27.6	3.7	0	0	0	2	20	69	21	3	0	0	0	0
10:00	145	31.5	27.1	4.3	0	1	0	6	34	72	31	2	0	0	0	0
11:00	146	32.8	28.1	4.5	0	0	1	3	27	71	36	7	1	0	0	0
12:00	126	32.0	26.7	5.1	0	1	5	5	20	70	22	3	0	0	0	0
13:00	122	32.2	28.0	4.1	0	0	2	0	19	70	26	5	0	0	0	0
14:00	110	33.3	29.1	4.1	0	0	0	0	15	53	35	6	1	0	0	0
15:00	113	32.0	28.3	3.6	0	0	0	0	17	67	24	5	0	0	0	0
16:00	180	31.8	28.3	3.4	0	0	0	0	25	108	42	5	0	0	0	0
17:00	103	32.3	28.4	3.8	0	0	0	1	14	57	27	4	0	0	0	0
18:00	51	34.8	30.5	4.1	0	0	0	0	3	22	18	8	0	0	0	0
19:00	23	33.5	28.6	4.8	0	0	0	0	5	10	7	0	1	0	0	0
20:00	15	36.1	31.2	4.8	0	0	0	0	8	4	2	1	0	0	0	0
21:00	17	33.0	29.0	3.9	0	0	0	0	2	9	5	1	0	0	0	0
22:00	5	30.8	28.5	2.3	0	0	0	0	0	1	0	0	0	0	0	0
23:00	7	30.3	27.5	2.9	0	0	0	0	1	5	1	0	0	0	0	0
Total	291	32.2	27.6	4.5	0	1	1	8	61	145	67	9	1	0	0	0
2H(14-16)	223	32.7	28.7	3.9	0	0	0	0	32	120	59	11	0	0	0	0
12H(7-19)	1721	32.1	27.9	4.0	0	3	9	18	278	977	377	56	3	0	0	0
24H(0-24)	1960	32.2	28.0	4.0	0	3	10	21	305	1102	444	69	5	1	0	0
AM Peak	08:00	04:00	02:00	06:00	06:00	07:00	05:00	10:00	08:00	08:00	08:00	11:00	08:00	06:00	06:00	06:00
	270	34.1	30.8	4.6	0	1	5	5	59	160	51	7	1	1	0	0
PM Peak	16:00	20:00	20:00	12:00	12:00	13:00	13:00	12:00	16:00	16:00	16:00	18:00	14:00	12:00	12:00	12:00
	308	36.1	30.2	5.1	0	1	5	5	25	108	42	8	1	0	0	0

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5-10	Bin 3 10-15	Bin 4 15-20	Bin 5 20-25	Bin 6 25-30	Bin 7 30-35	Bin 8 35-40	Bin 9 40-45	Bin 10 45-50	Bin 11 50-55	Bin 12 >55
00:00	9	31.5	30.3	5.1	0	0	0	0	2	1	5	1	0	0	0	0
01:00	5	33.8	31.5	4.2	0	0	0	0	0	2	2	1	0	0	0	0
02:00	5	31.2	27.5	3.5	0	0	0	0	0	1	3	1	0	0	0	0
03:00	6	30.8	27.5	3.2	0	0	0	0	0	1	4	1	0	0	0	0
04:00	11	33.5	29.3	4.0	0	0	0	0	0	1	1	1	0	0	0	0
05:00	97	33.6	28.4	5.0	0	1	1	2	11	48	29	4	1	0	0	0
06:00	110	31.5	28.0	4.4	0	0	0	1	14	56	31	7	0	0	0	0
07:00	117	31.7	27.9	3.7	0	1	1	2	45	197	63	7	1	0	0	0
08:00	439	31.4	27.7	3.6	0	0	1	2	82	260	85	8	1	0	0	0
09:00	220	31.6	27.5	3.9	0	0	0	3	50	119	41	6	1	0	0	0
10:00	245	31.6	27.2	4.2	0	1	0	6	61	121	50	6	0	0	0	0
11:00	174	32.2	27.8	4.1	0	0	1	3	57	120	65	8	1	0	0	0
12:00	434	30.7	26.6	3.9	0	1	6	6	108	250	59	4	0	0	0	0
13:00	139	31.7	27.4	4.1	0	0	0	3	46	194	57	11	1	0	0	0
14:00	369	32.2	28.2	3.8	0	0	0	7	45	156	59	9	2	0	0	0
15:00	276	32.0	27.8	4.0	0	0	0	0	8	44	156	57	11	0	0	0
16:00	408	31.8	28.1	3.6	0	1	3	60	241	92	11	0	0	0	0	0
17:00	251	32.7	28.7	3.9	0	0	0	1	2	26	145	65	10	2	0	0
18:00	117	33.6	29.4	4.1	0	0	0	0	14	56	36	11	0	0	0	0
19:00	64	32.9	28.4	4.3	0	0	1	0	7	38	15	2	1	0	0	0
20:00	50	33.6	28.4	5.0	0	0	0	2	7	28	7	5	1	0	0	0
21:00	31	35.3	29.9	5.2	0	0	0	0	4	15	3	0	1	0	0	0
22:00	10	32.2	29.5	2.6	0	0	0	0	0	6	4	0	0	0	0	0
23:00	19	31.7	29.8	2.8	0	0	0	0	1	12	6	0	0	0	0	0
Total	519	31.8	27.5	4.2	0	1	1	9	118	260	115	14	1	0	0	0
2H(14-16)	545	32.1	28.0	3.9	0	0	0	10	85	312	116	20	2	0	0	0
12H(7-19)	4689	31.8	27.7	3.9	0	3	14	44	654	2034	729	102	9	0	0	0
24H(0-24)	4008	32.0	27.8	4.0	0	4	16	49	703	2253	843	126	12	2	0	0
AM Peak	08:00	01:00	02:00	06:00	06:00	05:00	05:00	10:00	08:00	08:00	08:00	08:00	08:00	08:00	08:00	08:00
PM Peak	17:00	21:00	71:00	21:00	12:00	12:00	12:00	12:00	12:00	12:00	12:00	12:00	14:00	21:00	12:00	12:00
Avg	434	35.3	29.9	5.2	0	3	6	8	108	292	92	31	2	0	0	0



North Wales ATC 20, Flordd William Morgan

Direction: Northbound															30/04/2022	
Hour Beginning	Total Volume	ESD Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5-10	Bin 3 10-15	Bin 4 15-20	Bin 5 20-25	Bin 6 25-30	Bin 7 30-35	Bin 8 35-40	Bin 9 40-45	Bin 10 45-50	Bin 11 50-55	Bin 12 >55
00:00	4	36.7	30.9	6.5	0	0	0	0	0	0	0	0	0	0	0	0
01:00	3	37.1	29.2	7.6	0	0	0	0	1	1	0	1	0	0	0	0
02:00	1	-	27.5	-	0	0	0	0	0	1	0	0	0	0	0	0
03:00	2	33.7	30.0	3.5	0	0	0	0	0	1	1	0	0	0	0	0
04:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
05:00	5	36.2	28.5	7.4	0	0	0	1	0	2	1	1	0	0	0	5
06:00	17	33.2	28.1	5.0	0	0	0	0	6	4	6	1	0	0	0	0
07:00	18	31.1	27.5	3.4	0	0	0	0	4	10	4	0	0	0	0	0
08:00	39	31.8	27.1	4.5	0	0	0	2	8	22	6	0	1	0	0	0
09:00	44	30.2	26.7	3.4	0	0	0	2	8	29	1	0	0	0	0	0
10:00	59	31.1	27.2	3.8	0	0	0	1	8	38	9	1	0	0	0	0
11:00	53	31.2	28.1	3.0	0	0	0	0	7	31	13	0	0	0	0	0
12:00	47	31.8	26.6	4.9	0	0	1	2	13	21	8	2	0	0	0	0
13:00	37	31.2	27.1	4.0	0	0	0	2	7	20	8	0	0	0	0	0
14:00	44	32.4	27.3	4.9	0	0	1	1	11	19	10	2	0	0	0	0
15:00	42	30.6	26.4	4.1	0	0	0	2	13	19	8	0	0	0	0	0
16:00	36	30.5	27.2	3.1	0	0	0	0	9	22	6	0	0	0	0	0
17:00	34	30.6	26.3	4.1	0	0	1	0	10	18	5	0	0	0	0	0
18:00	33	32.6	28.9	3.6	0	0	0	0	4	17	11	1	0	0	0	0
19:00	14	34.5	28.9	5.3	0	0	0	0	3	6	4	0	1	0	0	0
20:00	17	30.8	26.0	4.6	0	0	1	0	4	10	2	0	0	0	0	0
21:00	7	31.6	26.1	4.8	0	0	0	1	1	4	1	0	0	0	0	0
22:00	16	31.8	28.4	3.3	0	0	0	0	1	12	2	1	0	0	0	0
23:00	3	32.2	34.2	2.9	0	0	0	0	0	0	2	1	0	0	0	0
Total																
201610-12	112	31.2	27.6	3.5	0	0	0	3	15	71	22	1	0	0	0	0
201614-16	86	31.5	26.9	4.5	0	0	1	3	24	38	18	2	0	0	0	0
120167-19	486	31.3	27.2	4.0	0	0	3	14	101	268	93	6	1	0	0	0
240169-24	575	31.6	27.3	4.2	0	0	4	16	118	310	113	12	2	0	0	0
AM Peak																
10:00	51:00	00:00	01:00	00:00	00:00	00:00	10:00	08:00	10:00	11:00	00:00	08:00	00:00	00:00	00:00	00:00
59	37.1	30.9	7.6	0	0	0	3	8	38	13	1	1	0	0	0	0
PM Peak																
12:00	23:00	23:00	19:00	12:00	12:00	12:00	12:00	12:00	16:00	18:00	12:00	19:00	12:00	12:00	12:00	12:00
47	32.2	34.2	5.3	0	0	1	2	15	22	31	2	1	0	0	0	0

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Direction: Southbound																
Hour Beginning	Total Volume	ESD Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5-10	Bin 3 10-15	Bin 4 15-20	Bin 5 20-25	Bin 6 25-30	Bin 7 30-35	Bin 8 35-40	Bin 9 40-45	Bin 10 45-50	Bin 11 50-55	Bin 12 >55
00:00	1	-	42.5	-	0	0	0	0	0	0	0	0	1	0	0	0
01:00	2	33.7	30.0	3.5	0	0	0	0	0	1	1	0	0	0	0	0
02:00	1	-	27.5	-	0	0	0	0	0	1	0	0	0	0	0	0
03:00	2	27.5	27.5	0.0	0	0	0	0	0	2	0	0	0	0	0	0
04:00	2	33.7	30.0	3.5	0	0	0	0	0	1	1	0	0	0	0	0
05:00	10	38.5	28.5	8.7	0	0	0	1	0	3	2	3	0	0	0	0
06:00	16	37.5	33.5	4.8	0	0	0	0	0	6	5	4	1	0	0	0
07:00	40	33.6	29.3	4.2	0	0	0	0	3	25	8	3	1	0	0	0
08:00	20	33.8	29.0	4.6	0	0	0	0	3	19	6	0	1	0	0	0
09:00	35	35.2	28.4	6.6	0	2	0	0	3	17	9	4	0	0	0	0
10:00	32	30.8	25.8	4.9	0	0	0	4	10	14	7	0	0	0	0	0
11:00	57	32.5	27.4	4.9	0	0	0	2	17	22	12	4	0	0	0	0
12:00	48	32.0	26.8	3.2	0	0	0	0	3	32	11	2	0	0	0	0
13:00	64	31.9	27.7	4.0	0	0	2	12	32	17	1	0	0	0	0	0
14:00	38	30.7	27.4	3.2	0	0	0	0	8	23	7	0	0	0	0	0
15:00	50	32.2	27.0	5.0	0	0	1	0	9	12	7	1	0	0	0	0
16:00	43	31.7	27.4	4.2	0	0	0	0	14	17	11	1	0	0	0	0
17:00	50	34.9	30.0	4.8	0	0	0	0	2	31	10	5	1	0	0	0
18:00	32	34.2	30.3	3.8	0	0	0	0	0	18	11	2	1	0	0	0
19:00	16	32.8	28.8	3.9	0	0	0	1	0	9	6	0	0	0	0	0
20:00	13	33.9	28.4	4.3	0	0	0	0	0	5	1	0	0	0	0	0
21:00	6	27.5	27.5	0.0	0	0	0	0	0	6	0	0	0	0	0	0
22:00	7	31.7	37.5	4.1	0	0	0	0	0	3	1	0	0	0	0	0
23:00	4	33.5	30.0	2.9	0	0	0	0	0	2	2	0	0	0	0	0
Total																
201610-12	89	31.9	26.8	4.9	0	0	0	6	27	33	19	4	0	0	0	0
201614-16	68	31.6	27.2	4.0	0	0	1	0	17	35	14	1	0	0	0	0
120167-19	489	32.9	28.2	4.6	0	2	1	8	84	250	136	23	4	1	0	0
240169-24	569	33.3	28.4	4.7	0	3	1	10	88	289	140	31	6	1	0	0
AM Peak																
11:00	05:00	00:00	05:00	00:00	09:00	00:00	00:00	10:00	11:00	07:00	11:00	06:00	00:00	00:00	00:00	00:00
57	38.1	42.5	8.7	0	2	0	6	17	25	32	4	1	0	0	0	0
PM Peak																
12:00	17:00	18:00	15:00	12:00	13:00	15:00	13:00	16:00	13:00	13:00	17:00	17:00	17:00	12:00	12:00	12:00
64	34.3	30.3	5.0	0	0	0	1	2	16	32	12	5	1	1	0	0

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Direction: Total Flow																
Hour Beginning	Total Volume	ESD Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5-10	Bin 3 10-15	Bin 4 15-20	Bin 5 20-25	Bin 6 25-30	Bin 7 30-35	Bin 8 35-40	Bin 9 40-45	Bin 10 45-50	Bin 11 50-55	Bin 12 >55
00:00	5	40.7	32.5	7.9	0	0	0	0	1	1	1	1	1	0	0	0
01:00	5	39.4	29.5	5.7	0	0	0	0	1	2	1	1	0	0	0	0
02:00	2	27.5	27.5	0.0	0	0	0	0	0	2	0	0	0	0	0	0
03:00	4	31.3	28.8	2.5	0	0	0	0	0	3	1	0	0	0	0	0
04:00	2	33.7	30.0	3.5	0	0	0	0	0	1	1	0	0	0	0	0
05:00	15	37.5	28.5	8.7	0	1	0	2	0	5	3	4	0	0	0	0
06:00	18	35.7	30.2	5.3	0	0	0	0	6	16	11	5	0	0	0	0
07:00	58	32.9	28.7	4.0	0	0	0	7	35	12	3	1	0	0	0	0
08:00	59	32.5	27.8	4.6	0	0	0	2	11	32	12	0	2	0	0	0
09:00	79	32.7	27.4	5.1	0	2	0	2	11	46	14	4	0	0	0	0
10:00	91	31.1	26.7	4.2	0	0	0	7	18	49	16	1	0	0	0	0
11:00	110	32.0	27.7	4.2	0	0	0	2	24	55	25	4	0	0	0	0
12:00	95	32.1	27.7	4.2	0	0	1	2	16	53	19	4	0	0	0	0
13:00	101	31.6	27.5	4.0	0	0	0	4	19	51	25	1	0	0	0	0
14:00	82	31.7	27.3	4.2	0	0	1	1	19	42	17	2	0	0	0	0
15:00	72	31.3	26.7	4.4	0	0	1	2	22	31	15	1	0	0	0	0
16:00	79	31.2	27.3	3.7	0	0	0	0	22	39	17	1	0	0	0	0
17:00	84	33.5	28.5	4.8	0	0	1	0	12	49	15	5	1	1	0	0
18:00	65	33.5	29.6	3.7	0	0	0	0	4	35	22	4	0	0	0	0
19:00	30	31.5	28.8	4.5	0	0	0	1	3	15	10	0	1	0	0	0
20:00	30	31.5	28.8	4.7	0	0	0	0	5	15	7	0	0	0	0	0
21:00	13	30.3	26.7	3.4	0	0	1	1	3	10	1	0	0	0	0	0
22:00	23	31.8	28.2	3.5	0	0	0	0	3	15	4	0	0	0	0	0
23:00	7	30.4	31.8	3.5	0	0	0	0	2	2	1	1	0	0	0	0
Total																
216(18.12)																
216	31.6	27.3	4.2	0	0	0	0	9	42	104	41	5	0	0	0	0
216	31.6	27.3	4.2	0	0	0	0	2	3	41	73	32	1	0	0	0
216	31.6	27.3	4.2	0	0	0	0	2	42	185	118	200	29	1	1	0
216	31.6	27.3	4.2	0	0	0	0	2	42	185	118	200	29	1	1	0
216	31.6	27.3	4.2	0	0	0	0	2	42	185	118	200	29	1	1	0
216	31.6	27.3	4.2	0	0	0	0	2	42	185	118	200	29	1	1	0
216	31.6	27.3	4.2	0	0	0	0	2	42	185	118	200	29	1	1	0
216	31.6	27.3	4.2	0	0	0	0	2	42	185	118	200	29	1	1	0
216	31.6	27.3	4.2	0	0	0	0	2	42	185	118	200	29	1	1	0
216	31.6	27.3	4.2	0	0	0	0	2	42	185	118	200	29	1	1	0
216	31.6	27.3	4.2	0	0	0	0	2	42	185	118	200	29	1	1	0
216	31.6	27.3	4.2	0	0	0	0	2	42	185	118	200	29	1	1	0
216	31.6	27.3	4.2	0	0	0	0	2	42	185	118	200	29	1	1	0
216	31.6	27.3	4.2	0	0	0	0	2	42	185	118	200	29	1	1	0
216	31.6	27.3	4.2	0	0	0	0	2	42	185	118	200	29	1	1	0
216	31.6	27.3	4.2	0	0	0	0	2	42	185	118	200	29	1	1	0
216	31.6	27.3	4.2	0	0	0	0	2	42	185	118	200	29	1	1	0
216	31.6	27.3	4.2	0	0	0	0	2	42	185	118	200	29	1	1	0
216	31.6	27.3	4.2	0	0	0	0	2	42	185	118	200	29	1	1	0
216	31.6	27.3	4.2	0	0	0	0	2	42	185	118	200	29	1	1	0
216	31.6	27.3	4.2	0	0	0	0	2	42	185	118	200	29	1	1	0
216	31.6	27.3	4.2	0	0	0	0	2	42	185	118	200	29	1	1	0
216	31.6	27.3	4.2	0	0	0	0	2	42	185	118	200	29	1	1	0
216	31.6	27.3	4.2	0	0	0	0	2	42	185	118	200	29	1	1	0
216	31.6	27.3	4.2	0	0	0	0	2	42	185	118	200	29	1	1	0
216	31.6	27.3	4.2	0	0	0	0	2	42	185	118	200	29	1	1	0
216	31.6	27.3	4.2	0	0	0	0	2	42	185	118	200	29	1	1	0
216	31.6	27.3	4.2	0	0	0	0	2	42	185	118	200	29	1	1	0
216	31.6	27.3	4.2	0	0	0	0	2	42	185	118	200	29	1	1	0
216	31.6	27.3	4.2	0	0	0	0	2	42	185	118	200	29	1	1	0
216	31.6	27.3	4.2	0	0	0	0	2	42	185	118	200	29	1	1	0
216	31.6	27.3	4.2	0	0	0	0	2	42	185	118	200	29	1	1	0
216	31.6	27.3	4.2	0	0	0	0	2	42	185	118	200	29	1	1	0
216	31.6	27.3	4.2	0	0	0	0	2	42	185	118	200	29	1	1	0
216	31.6	27.3	4.2	0	0	0	0	2	42	185	118	200	29	1	1	0
216	31.6	27.3	4.2	0	0	0	0	2	42	185	118	200	29	1	1	0
216	31.6	27.3	4.2	0</												



North Wales ATC 20, Ffordd William Morgan

01/05/2022																
Hour Beginning	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5-10	Bin 3 10-15	Bin 4 15-20	Bin 5 20-25	Bin 6 25-30	Bin 7 30-35	Bin 8 35-40	Bin 9 40-45	Bin 10 45-50	Bin 11 50-55	Bin 12 >55
00:00	2	27.5	27.5	0.0	0	2	0	0	0	0	2	0	0	0	0	0
01:00	1	-	37.5	-	0	0	0	0	0	0	0	1	0	0	0	0
02:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
03:00	2	32.5	32.5	0.0	0	0	0	0	0	0	2	0	0	0	0	0
04:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
05:00	5	33.3	30.5	2.7	0	0	0	0	0	0	2	3	0	0	0	5
06:00	8	34.9	31.3	3.5	0	0	0	0	0	3	4	1	0	0	0	0
07:00	13	32.9	29.0	3.8	0	0	0	0	0	2	5	6	0	0	0	0
08:00	17	30.0	26.9	3.0	0	0	0	0	4	11	2	0	0	0	0	0
09:00	17	31.6	26.8	4.1	0	0	1	7	15	6	1	0	0	0	0	0
10:00	32	30.7	26.7	3.8	0	0	0	1	8	19	3	1	0	0	0	0
11:00	41	30.7	27.1	3.4	0	0	0	0	11	22	8	0	0	0	0	0
12:00	27	29.4	26.4	2.8	0	0	0	0	8	17	2	0	0	0	0	0
13:00	49	29.8	26.4	3.3	0	0	0	1	14	29	5	0	0	0	0	0
14:00	37	31.2	27.8	3.3	0	0	0	0	6	24	6	1	0	0	0	0
15:00	45	30.9	27.3	3.5	0	0	0	1	8	29	6	1	0	0	0	0
16:00	36	31.9	27.1	4.3	0	0	0	3	7	17	8	1	0	0	0	0
17:00	29	31.6	26.1	5.3	0	0	2	1	5	17	3	1	0	0	0	0
18:00	32	32.9	28.8	4.0	0	0	0	2	1	16	13	0	0	0	0	0
19:00	14	30.3	27.9	2.4	0	0	0	0	1	11	2	0	0	0	0	0
20:00	13	35.6	30.2	5.3	0	0	0	0	2	5	3	3	0	0	0	0
21:00	3	32.2	29.2	2.9	0	0	0	0	0	2	1	0	0	0	0	0
22:00	5	30.8	26.5	4.2	0	0	0	0	2	2	1	0	0	0	0	0
23:00	2	35.0	25.0	10.6	0	0	0	1	0	0	1	0	0	0	0	0
Total	73	30.7	27.0	3.6	0	0	0	1	19	41	11	1	0	0	0	0
2H(14-16)	82	31.0	27.5	3.4	0	0	0	1	14	53	12	2	0	0	0	0
12H(7-19)	385	31.1	27.1	3.8	0	0	2	10	81	221	65	6	0	0	0	0
24H(0-24)	440	31.5	27.4	3.8	0	0	2	11	86	248	82	11	0	0	0	0
AM Peak	11:00	06:00	01:00	09:00	00:00	00:00	00:00	09:00	11:00	11:00	11:00	00:00	00:00	00:00	00:00	00:00
	41	34.9	37.5	4.1	0	0	0	1	11	22	8	1	0	0	0	0
PM Peak	13:00	23:00	20:00	23:00	12:00	12:00	17:00	16:00	13:00	13:00	18:00	20:00	12:00	12:00	12:00	12:00
	49	30.0	30.2	10.6	0	0	2	3	14	29	13	3	0	0	0	0

360 TSL Ltd

Direction: Southbound																
Hour Beginning	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5-10	Bin 3 10-15	Bin 4 15-20	Bin 5 20-25	Bin 6 25-30	Bin 7 30-35	Bin 8 35-40	Bin 9 40-45	Bin 10 45-50	Bin 11 50-55	Bin 12 >55
00:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
01:00	3	41.5	32.5	8.7	0	0	0	0	0	0	0	1	0	0	0	0
02:00	1	-	32.5	-	0	0	0	0	0	0	1	0	0	0	0	0
03:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
04:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
05:00	9	37.1	33.1	3.6	0	0	0	0	0	2	4	3	0	0	0	0
06:00	17	35.8	29.0	6.6	0	1	0	0	0	9	5	2	0	0	0	0
07:00	17	34.1	29.6	4.4	0	0	0	0	2	8	5	2	0	0	0	0
08:00	14	33.8	26.1	7.4	0	1	1	0	0	7	4	0	0	0	0	0
09:00	21	31.7	27.3	4.3	0	0	0	1	4	12	3	1	0	0	0	0
10:00	41	32.2	29.2	3.8	0	0	0	0	4	22	12	3	0	0	0	0
11:00	35	33.7	28.8	4.8	0	0	0	1	4	19	8	2	1	0	0	0
12:00	30	31.5	27.2	4.1	0	0	1	0	5	18	6	0	0	0	0	0
13:00	41	32.9	28.0	4.7	0	0	0	2	12	2	17	12	2	0	0	0
14:00	43	32.4	26.7	5.6	0	1	2	0	7	24	8	1	0	0	0	0
15:00	59	33.3	28.4	4.7	0	0	0	1	7	19	6	4	0	0	0	0
16:00	44	32.4	27.5	4.7	0	0	0	3	9	18	13	1	0	0	0	0
17:00	36	31.6	29.2	4.3	0	0	0	1	3	18	11	3	0	0	0	0
18:00	27	35.3	30.5	4.7	0	0	0	0	2	13	5	6	0	0	0	0
19:00	15	32.4	29.2	3.1	0	0	0	0	1	8	6	0	0	0	0	0
20:00	10	30.5	28.5	6.7	0	0	0	0	0	1	1	1	0	0	0	0
21:00	4	31.3	28.8	2.5	0	0	0	0	0	3	1	0	0	0	0	0
22:00	3	28.8	25.8	2.9	0	0	0	0	0	1	2	0	0	0	0	0
23:00	2	33.7	30.0	3.5	0	0	0	0	0	1	1	0	0	0	0	0
Total	76	33.4	29.0	4.2	0	0	0	1	8	41	20	5	1	0	0	0
2H(14-16)	82	32.9	27.5	6.2	0	1	2	1	14	43	16	5	0	0	0	0
12H(7-19)	388	33.2	28.2	4.8	0	2	4	9	56	195	96	25	1	0	0	0
24H(0-24)	452	33.6	28.4	4.9	0	3	4	10	58	228	115	31	3	0	0	0
AM Peak	10:00	01:00	05:00	01:00	00:00	06:00	08:00	09:00	09:00	10:00	10:00	00:00	01:00	00:00	00:00	00:00
	41	41.5	33.1	8.7	0	1	1	1	4	22	12	3	1	0	0	0
PM Peak	16:00	20:00	18:00	20:00	13:00	14:00	14:00	16:00	14:00	16:00	18:00	20:00	12:00	12:00	12:00	12:00
	44	36.5	30.5	6.7	0	1	2	3	0	24	13	6	1	0	0	0

360 TSL Ltd

Direction: Total Flow																
Hour	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5-10	Bin 3 10-15	Bin 4 15-20	Bin 5 20-25	Bin 6 25-30	Bin 7 30-35	Bin 8 35-40	Bin 9 40-45	Bin 10 45-50	Bin 11 50-55	Bin 12 >55
00:00	2	27.5	27.5	0.0	0	0	0	0	0	2	0	0	0	0	0	0
01:00	4	41.5	33.8	7.5	0	0	0	0	0	0	1	1	0	0	0	0
02:00	1	-	32.5	-	0	0	0	0	0	0	1	0	0	0	0	0
03:00	2	32.5	32.5	0.0	0	0	0	0	0	0	2	0	0	0	0	0
04:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
05:00	14	35.9	32.1	3.7	0	0	0	0	0	4	7	3	0	0	0	0
06:00	25	35.7	29.7	5.8	0	1	0	0	0	11	9	3	0	0	0	0
07:00	30	33.5	29.3	4.0	0	0	0	0	4	13	11	2	0	0	0	0
08:00	31	32.1	26.5	5.4	0	1	1	0	5	18	6	0	0	0	0	0
09:00	48	31.5	27.0	4.2	0	0	0	2	11	27	6	2	0	0	0	0
10:00	73	32.3	28.1	4.0	0	0	0	1	12	41	15	4	0	0	0	0
11:00	76	32.2	27.9	4.5	0	0	0	1	15	44	16	1	0	0	0	0
12:00	57	30.5	26.8	3.6	0	0	0	1	0	33	35	8	0	0	0	0
13:00	90	31.3	27.1	4.1	0	0	0	3	24	46	17	2	0	0	0	0
14:00	80	32.0	27.2	4.7	0	1	2	0	13	48	14	2	0	0	0	0
15:00	84	32.1	27.8	4.5	0	0	0	2	15	48	14	5	0	0	0	0
16:00	80	32.3	27.3	4.7	0	0	0	6	16	35	21	2	0	0	0	0
17:00	65	33.0	27.8	5.0	0	0	2	2	8	35	14	4	0	0	0	0
18:00	59	34.1	29.5	4.4	0	0	0	2	3	29	19	5	0	0	0	0
19:00	29	31.4	28.5	2.8	0	0	0	0	2	19	8	0	0	0	0	0
20:00	23	35.9	29.9	5.8	0	0	0	1	2	11	4	4	1	0	0	0
21:00	7	31.5	28.9	2.4	0	0	0	0	0	5	2	0	0	0	0	0
22:00	8	29.9	26.3	3.5	0	0	0	0	3	4	1	0	0	0	0	0
23:00	4	34.8	27.5	7.1	0	0	0	1	0	1	2	0	0	0	0	0
Total	149	32.2	28.0	4.1	0	0	0	2	27	82	31	6	1	0	0	0
2H(14-16)	164	32.1	27.5	4.4	0	0	0	2	27	82	31	6	1	0	0	0
12H(7-19)	773	32.2	27.7	4.4	0	2	6	18	137	416	161	31	1	0	0	0
24H(0-24)	892	32.6	27.9	4.5	0	3	6	21	144	476	197	42	3	0	0	0
AM Peak	11:00	61.00	31.00	4.00	00:00	06:00	08:00	00:00	11:00	14:00	17:00	19:00	12:00	00:00	00:00	00:00
PM Peak	7:00	41.5	33.8	7.5	0	1	1	2	15	41	56	4	1	0	0	0
AM Peak	11:00	61.00	31.00	4.00	00:00	06:00	08:00	00:00	11:00	14:00	17:00	19:00	12:00	00:00	00:00	00:00
PM Peak	7:00	41.5	33.8	7.5	0	1	1	2	15	41	56	4	1	0	0	0



North Wales ATC 20, Flordd William Morgan

Direction: Northbound															
02/05/2022															
Hour Beginning	Total Volume	ECM Percentage	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5-10	Bin 3 10-15	Bin 4 15-20	Bin 5 20-25	Bin 6 25-30	Bin 7 30-35	Bin 8 35-40	Bin 9 40-45	Bin 10 45-50	Bin 11 50-55
00:00	4	31.7	27.5	4.1	0	0	0	0	0	0	0	0	0	0	0
01:00	1	-	27.5	-	0	0	0	0	0	1	0	0	0	0	0
02:00	6	38.2	32.5	5.5	0	0	0	0	0	1	0	1	0	1	0
03:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0
04:00	1	-	37.5	-	0	0	0	0	0	0	0	1	0	0	0
05:00	6	37.1	32.5	4.5	0	0	0	0	0	2	2	0	0	0	0
06:00	12	29.7	26.7	2.9	0	0	0	0	0	3	8	1	0	0	0
07:00	16	33.2	28.4	4.6	0	0	0	0	0	2	11	2	0	1	0
08:00	17	33.3	28.4	4.8	0	0	0	1	2	8	5	1	0	0	0
09:00	27	32.9	28.1	4.7	0	0	0	1	4	15	6	1	0	0	0
10:00	36	30.9	26.7	4.1	0	0	0	1	6	21	6	0	0	0	0
11:00	54	29.7	25.4	4.2	0	0	0	8	11	31	4	0	0	0	0
12:00	49	31.6	28.1	3.3	0	0	0	6	33	8	2	0	0	0	0
13:00	34	32.1	27.5	4.4	0	0	1	0	6	19	7	1	0	0	0
14:00	35	34.3	28.6	5.4	0	0	0	0	10	11	12	1	0	1	0
15:00	43	32.6	28.1	4.4	0	0	1	1	5	21	15	0	0	0	0
16:00	37	32.0	26.8	5.0	0	0	1	0	7	20	5	2	0	0	0
17:00	43	33.5	29.1	4.2	0	0	0	0	3	28	9	1	2	0	0
18:00	47	33.5	28.7	4.7	0	0	0	2	4	27	10	3	1	0	0
19:00	21	31.0	27.0	3.8	0	0	0	0	6	12	2	1	0	0	0
20:00	11	31.5	28.4	3.0	0	0	0	0	1	7	3	0	0	0	0
21:00	5	36.4	30.5	5.7	0	0	0	0	1	2	2	1	0	0	0
22:00	6	33.4	29.2	4.1	0	0	0	0	1	2	3	0	0	0	0
23:00	5	37.7	32.5	5.0	0	0	0	0	0	2	1	2	0	0	0
Total															
2H(14-13)	90	30.2	25.9	4.2	0	0	0	11	17	52	10	0	0	0	0
2H(14-16)	78	33.4	28.3	4.9	0	0	1	1	15	32	27	1	0	1	0
12H(7-19)	253	32.4	27.7	4.8	0	0	3	18	66	245	89	11	5	1	0
24H(0-24)	516	33.6	27.9	4.5	0	0	3	18	79	284	107	18	6	1	0
AM Peak	11:00	02:00	04:00	02:00	00:00	00:00	00:00	11:00	11:00	11:00	09:00	05:00	02:00	00:00	00:00
	54	38.2	37.5	5.5	0	0	0	8	11	31	6	2	1	0	0
PM Peak	12:00	23:00	23:00	21:00	12:00	12:00	13:00	16:00	14:00	12:00	15:00	18:00	17:00	14:00	12:00
	49	37.7	32.5	5.7	0	0	1	2	10	33	15	3	2	1	0

360 TSL Ltd

Direction: Southbound															
Hour Beginning	Total Volume	ECM Percentage	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5-10	Bin 3 10-15	Bin 4 15-20	Bin 5 20-25	Bin 6 25-30	Bin 7 30-35	Bin 8 35-40	Bin 9 40-45	Bin 10 45-50	Bin 11 50-55
00:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0
01:00	3	32.7	27.5	5.0	0	0	0	0	0	1	0	0	0	0	0
02:00	2	38.7	35.0	3.5	0	0	0	0	0	0	1	1	0	0	0
03:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0
04:00	1	-	27.5	-	0	0	0	0	0	1	0	0	0	0	0
05:00	8	36.4	33.1	3.2	0	0	0	0	0	1	5	2	0	0	0
06:00	21	37.0	30.4	6.4	0	1	0	0	0	8	4	0	0	0	0
07:00	19	33.2	28.0	5.0	0	0	1	0	1	12	4	1	0	0	0
08:00	21	33.5	28.2	5.1	0	0	1	0	2	11	6	1	0	0	0
09:00	22	33.7	30.2	3.4	0	0	0	0	1	9	11	1	0	0	0
10:00	13	32.4	27.2	5.0	0	0	0	4	16	4	1	0	0	0	0
11:00	37	32.0	27.1	4.8	0	0	0	3	8	16	9	1	0	0	0
12:00	56	32.2	28.0	4.0	0	0	1	0	7	34	12	2	0	0	0
13:00	49	32.2	29.0	3.1	0	0	0	2	13	32	13	2	0	0	0
14:00	56	32.3	27.1	4.9	0	0	3	0	10	29	13	1	0	0	0
15:00	65	33.0	28.2	4.7	0	0	0	2	12	28	14	5	0	0	0
16:00	126	32.7	28.9	3.7	0	0	0	0	13	73	32	8	0	0	0
17:00	89	32.6	28.3	4.1	0	0	0	0	17	40	24	1	2	0	0
18:00	119	32.2	28.1	3.8	0	0	0	0	20	72	21	4	2	0	0
19:00	23	33.8	29.2	4.4	0	0	0	1	2	9	10	1	0	0	0
20:00	15	37.3	31.8	5.3	0	0	0	0	0	5	3	1	0	0	0
21:00	7	31.8	28.2	3.5	0	0	0	0	1	4	2	0	0	0	0
22:00	6	32.2	28.3	3.8	0	0	0	0	0	1	0	0	0	0	0
23:00	2	33.7	30.0	3.5	0	0	0	0	0	1	1	0	0	0	0
Total															
2H(10-12)	70	32.2	27.1	4.8	0	0	0	7	12	32	17	2	0	0	0
2H(14-16)	117	32.7	27.7	4.8	0	0	3	2	22	57	27	6	0	0	0
12H(7-19)	688	32.6	28.2	4.2	0	0	6	9	97	377	187	28	4	0	0
24H(0-24)	776	33.0	28.5	4.4	0	1	6	10	103	430	202	30	5	0	0
AM Peak	11:00	02:00	02:00	06:00	00:00	06:00	07:00	10:00	11:00	10:00	09:00	06:00	00:00	00:00	00:00
	37	38.7	35.0	4.4	0	1	1	4	8	16	11	4	0	0	0
PM Peak	16:00	20:00	20:00	20:00	12:00	13:00	14:00	15:00	18:00	16:00	16:00	17:00	12:00	12:00	12:00
	126	37.3	32.8	5.3	0	0	3	2	20	73	32	8	2	0	0

360 TSL Ltd

Direction: Total Flow																
Hour Beginning	Total Volume	ECM Percentage	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5-10	Bin 3 10-15	Bin 4 15-20	Bin 5 20-25	Bin 6 25-30	Bin 7 30-35	Bin 8 35-40	Bin 9 40-45	Bin 10 45-50	Bin 11 50-55	Bin 12 >55
00:00	4	31.7	27.5	4.1	0	0	0	0	1	2	1	0	0	0	0	0
01:00	4	31.7	27.5	4.1	0	0	0	0	1	2	1	0	0	0	0	0
02:00	8	38.3	33.1	5.0	0	0	0	0	0	1	4	1	1	0	0	0
03:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
04:00	2	39.8	32.5	7.1	0	0	0	0	0	1	0	1	0	0	0	0
05:00	14	36.6	32.9	3.7	0	0	0	0	0	3	7	4	0	0	0	0
06:00	33	34.9	28.0	5.7	1	0	0	0	3	16	9	4	0	0	0	0
07:00	35	33.1	28.2	4.7	0	0	1	0	3	23	6	1	1	0	0	0
08:00	49	33.3	28.3	4.9	0	0	1	1	4	19	11	2	0	0	0	0
09:00	49	33.4	28.0	4.2	0	0	1	0	5	24	17	1	1	0	0	0
10:00	69	31.6	26.9	4.5	0	0	0	7	10	37	14	1	0	0	0	0
11:00	91	30.7	26.1	4.5	0	0	0	11	15	47	13	1	0	0	0	0
12:00	105	31.9	28.1	3.7	0	0	1	0	13	67	20	4	0	0	0	0
13:00	81	32.3	28.4	3.8	0	0	1	0	9	51	20	3	0	0	0	0
14:00	91	33.1	27.7	5.2	0	0	3	0	20	40	25	2	1	0	0	0
15:00	104	32.8	28.1	4.6	0	0	1	3	17	40	29	5	0	0	0	0
16:00	163	32.7	28.4	4.1	0	0	1	2	20	93	37	8	0	0	0	0
17:00	132	32.9	28.6	4.2	0	0	0	0	20	73	33	2	4	0	0	0
18:00	166	32.6	28.3	4.2	0	0	0	2	24	99	31	7	3	0	0	0
19:00	44	32.6	28.2	4.3	0	0	0	1	8	21	12	2	0	0	0	0
20:00	26	35.3	30.4	4.7	0	0	0	0	2	12	8	3	1	0	0	0
21:00	12	33.8	29.2	4.4	0	0	0	0	0	4	1	0	0	0	0	0
22:00	12	32.7	28.8	3.8	0	0	0	0	2	5	5	0	0	0	0	0
23:00	7	36.4	31.8	4.5	0	0	0	0	0	3	2	2	0	0	0	0
Total																
2H(10-12)	160	31.1	26.4	4.5	0	0	0	18	29	84	27	2	0	0	0	0
2H(14-16)	195	32.9	27.9	4.8	0	0	4	3	37	89	54	7	0	1	0	0
12H(7-19)	1126	32.5	28.0	4.3	0	0	9	27	163	622	256	39	9	1	0	0
24H(0-24)	1292	32.8	28.2	4.4	0	1	9	28	182	694	309	57	11	1	0	0
AM Peak																
11:00	04:00	02:00	04:00	00:00	06:00	07:00	11:00	11:00	11:00	09:00	05:00	02:00	00:00	00:00	00:00	00:00
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
PM Peak																
18:00	23:00	21:00	19:00	17:00	12:00	12:00	14:00	15:00	18:00	18:00	16:00	17:00	14:00	12:00	12:00	12:00
165	185	145	121.8	5.2	0	0	3	3	24	99	37	35	4	1	0	0



North Wales ATC 20, Flordd William Morgan

Direction: Northbound																05/05/2022
Hour Beginning	Total Volume	ECN Percentage	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5-10	Bin 3 10-15	Bin 4 15-20	Bin 5 20-25	Bin 6 25-30	Bin 7 30-35	Bin 8 35-40	Bin 9 40-45	Bin 10 45-50	Bin 11 50-55	Bin 12 >55
00:00	9	35.1	26.6	3.3	0	0	0	0	0	1	5	3	0	0	0	0
01:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
02:00	2	27.5	27.5	0.0	0	0	0	0	0	2	0	0	0	0	0	0
03:00	2	33.7	30.0	3.5	0	0	0	0	0	1	1	0	0	0	0	0
04:00	4	31.3	28.8	2.5	0	0	0	0	0	3	3	1	0	0	0	0
05:00	13	30.9	26.7	4.0	0	0	0	1	2	8	14	10	0	0	0	0
06:00	32	31.7	27.8	3.8	0	0	0	0	8	24	20	0	0	0	0	0
07:00	104	30.3	27.0	3.2	0	0	0	1	23	65	15	0	0	0	0	0
08:00	213	30.2	27.1	3.0	0	0	0	1	40	147	23	2	0	0	0	0
09:00	133	29.8	26.3	3.5	0	0	0	1	45	66	8	0	0	0	0	0
10:00	94	30.2	26.3	3.7	0	0	0	4	27	50	13	0	0	0	0	0
11:00	95	30.4	26.6	3.6	0	0	0	3	26	51	15	0	0	0	0	0
12:00	114	30.2	25.8	4.3	0	0	0	11	40	55	17	1	0	0	0	0
13:00	119	30.1	26.2	3.8	0	0	0	4	38	63	12	2	0	0	0	0
14:00	120	30.3	26.8	3.4	0	0	0	2	30	72	15	1	0	0	0	0
15:00	139	30.4	26.6	3.7	0	0	0	6	34	81	16	2	0	0	0	0
16:00	261	30.7	26.9	3.6	0	0	0	8	57	156	27	3	0	0	0	0
17:00	521	31.0	27.6	3.8	0	0	0	1	45	158	44	4	0	0	0	0
18:00	54	30.6	27.3	3.2	0	0	0	0	11	35	7	1	0	0	0	0
19:00	30	32.4	27.2	5.1	0	1	0	1	3	18	7	0	0	0	0	0
20:00	18	34.8	29.2	5.4	0	0	0	0	2	12	2	0	2	0	0	0
21:00	47	31.6	27.8	3.7	0	0	0	2	3	31	9	1	0	0	0	0
22:00	10	37.4	30.0	7.2	0	0	0	0	2	4	3	0	0	0	1	0
23:00	9	34.8	28.6	6.0	0	0	0	0	2	5	1	0	1	0	0	0
Total																
2H(0-12)	189	30.3	26.5	3.7	0	0	0	7	53	101	28	0	0	0	0	0
2H(14-16)	259	30.4	26.7	3.6	0	0	0	8	64	153	31	3	0	0	0	0
12H(7-19)	1688	30.5	26.8	3.5	0	0	0	42	436	999	222	39	0	0	0	0
24H(0-24)	6974	30.7	26.9	3.6	0	1	0	46	440	1102	261	20	3	1	0	0
AM Peak	08:00	03:00	03:00	05:00	00:00	00:00	00:00	10:00	09:00	08:00	08:00	09:00	00:00	00:00	00:00	00:00
	213	33.7	30.0	4.0	0	0	0	4	45	147	23	3	0	0	0	0
PM Peak	16:00	22:00	22:00	22:00	12:00	19:00	12:00	16:00	17:00	17:00	17:00	17:00	20:00	22:00	12:00	12:00
	261	37.4	30.0	7.2	0	1	0	11	37	158	44	4	2	1	0	0

360 TSL Ltd

Direction: Southbound																
Hour Beginning	Total Volume	ECN Percentage	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5-10	Bin 3 10-15	Bin 4 15-20	Bin 5 20-25	Bin 6 25-30	Bin 7 30-35	Bin 8 35-40	Bin 9 40-45	Bin 10 45-50	Bin 11 50-55	Bin 12 >55
00:00	4	28.8	26.3	2.5	0	0	0	0	1	3	0	0	0	0	0	0
01:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
02:00	4	39.0	30.0	8.7	0	0	0	0	1	2	0	0	1	0	0	0
03:00	2	28.7	25.0	3.5	0	0	0	0	1	1	0	0	0	0	0	0
04:00	6	33.5	30.8	2.6	0	0	0	0	0	2	4	0	0	0	0	0
05:00	71	32.9	28.6	4.2	0	1	0	0	6	42	19	3	0	0	0	0
06:00	59	32.7	28.7	3.5	0	0	0	0	7	33	17	2	0	0	0	0
07:00	233	31.1	27.4	3.6	0	1	0	6	28	165	28	4	1	0	0	0
08:00	271	31.4	27.6	3.6	0	1	2	6	45	172	43	8	0	0	0	0
09:00	102	32.1	27.4	4.5	0	0	2	4	15	57	21	3	0	0	0	0
10:00	100	30.9	27.2	3.6	0	0	0	3	20	59	17	1	0	0	0	0
11:00	73	32.3	27.1	5.1	0	0	1	2	21	33	11	4	1	0	0	0
12:00	112	30.1	25.7	4.3	0	0	3	6	32	60	10	1	0	0	0	0
13:00	152	31.1	26.3	4.6	0	3	0	47	72	26	1	0	0	0	0	0
14:00	108	30.4	26.5	3.8	0	0	0	3	31	61	10	3	0	0	0	0
15:00	140	30.5	26.6	3.5	0	0	0	42	78	17	3	0	0	0	0	0
16:00	189	31.8	27.6	4.0	0	0	2	4	31	109	38	5	0	0	0	0
17:00	178	32.3	27.7	4.4	0	0	1	5	36	88	41	6	0	0	0	0
18:00	54	31.9	28.7	3.1	0	0	0	0	4	34	15	1	0	0	0	0
19:00	27	31.4	28.2	3.0	0	0	0	0	3	17	7	0	0	0	0	0
20:00	22	32.8	28.6	4.1	0	0	0	0	0	10	7	1	0	0	0	0
21:00	10	30.8	27.0	3.7	0	0	0	0	3	5	2	0	0	0	0	0
22:00	11	39.5	33.4	5.8	0	0	0	0	4	1	1	1	0	0	0	0
23:00	4	38.7	30.0	6.5	0	0	0	0	1	1	1	0	0	0	0	0
Total																
2H(0-12)	173	31.6	27.1	4.3	0	0	1	5	41	92	28	5	1	0	0	0
2H(14-16)	248	30.4	26.7	3.6	0	0	0	3	73	138	27	6	0	0	0	0
12H(7-19)	1712	31.4	27.2	4.0	0	5	9	38	352	988	277	40	3	0	0	0
24H(0-24)	6932	31.6	27.4	4.1	0	6	9	38	379	1108	337	40	6	0	0	0
AM Peak																
08:00	03:00	04:00	02:00	00:00	05:00	09:00	07:00	08:00	08:00	08:00	08:00	08:00	02:00	00:00	00:00	00:00
	271	39.0	30.8	8.7	0	1	2	6	49	132	43	8	1	0	0	0
PM Peak																
16:00	22:00	23:00	23:00	12:00	13:00	12:00	12:00	13:00	16:00	17:00	17:00	22:00	12:00	12:00	12:00	12:00
	189	35.5	32.4	6.5	0	3	3	6	47	109	41	6	2	0	0	0

360 TSL Ltd

Direction: Total Flow																
Hour Beginning	Total Volume	ECN Percentage	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5-10	Bin 3 10-15	Bin 4 15-20	Bin 5 20-25	Bin 6 25-30	Bin 7 30-35	Bin 8 35-40	Bin 9 40-45	Bin 10 45-50	Bin 11 50-55	Bin 12 >55
00:00	13	31.2	27.9	3.2	0	0	0	0	2	8	3	0	0	0	0	0
01:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
02:00	6	36.2	29.2	6.8	0	0	0	0	1	4	0	0	1	0	0	0
03:00	4	31.7	27.5	4.1	0	0	0	0	1	2	1	0	0	0	0	0
04:00	10	32.7	30.0	2.6	0	0	0	0	0	1	1	0	0	0	0	0
05:00	84	32.6	28.3	4.2	0	1	0	1	8	50	21	3	0	0	0	0
06:00	91	32.1	28.4	3.6	0	0	0	0	15	47	27	2	0	0	0	0
07:00	337	30.3	27.3	3.5	0	1	0	7	51	230	43	4	1	0	0	0
08:00	484	30.9	27.4	3.4	0	1	0	3	85	319	66	10	0	0	0	0
09:00	225	30.9	26.7	4.0	0	0	2	5	60	133	29	6	0	0	0	0
10:00	194	30.6	26.8	3.7	0	0	0	7	47	109	30	1	0	0	0	0
11:00	160	31.2	26.8	4.3	0	0	1	5	47	84	26	4	1	0	0	0
12:00	236	30.2	25.7	4.3	0	0	3	17	72	155	27	2	0	0	0	0
13:00	271	30.7	26.3	4.2	0	0	0	9	85	155	38	3	0	0	0	0
14:00	238	30.4	26.7	3.6	0	0	0	5	61	133	25	4	0	0	0	0
15:00	279	30.4	26.7	3.6	0	0	0	6	76	159	33	5	0	0	0	0
16:00	450	31.1	27.2	3.8	0	0	2	12	88	265	75	8	0	0	0	0
17:00	430	31.6	27.6	3.8	0	0	1	6	81	246	85	10	1	0	0	0
18:00	108	31.3	28.0	3.2	0	0	0	0	15	69	22	3	0	0	0	0
19:00	57	32.1	27.7	4.2	0	1	0	1	6	35	14	0	0	0	0	0
20:00	40	33.7	28.9	4.7	0	0	0	0	6	22	9	1	2	0	0	0
21:00	17	31.5	27.7	3.7	0	0	0	0	2	7	36	11	1	0	0	0
22:00	21	38.6	31.8	6.6	0	0	0	0	2	8	6	2	2	1	0	0
23:00	13	35.2	29.0	5.9	0	0	0	0	1	2	8	1	1	1	0	0
Total																
21HRS-12:00	362	30.9	26.8	4.0	0	0	1	12	94	193	56	5	1	0	0	0
21HRS-18:00	362	30.4	26.7	3.8	0	0	1	11	117	292	58	6	0	0	0	0
21HRS-15:00	340	30.5	27.0	3.8	0	0	5	9	80	768	187	49	59	3	0	0
21HRS-17:00	340	30.5	27.0	3.8	0	0	5	9	80	768	187	49	59	3	0	0
21HRS-16:00	3606	31.1	27.1	3.9	0	0	7	9	84	819	2215	550	69	9	1	0
Peak Hour																
08:00	12.00	64.00	30.00	10.00	05.00	05.00	07.00	08.00	18.00	08.00	08.00	12.00	00.00	00.00	00.00	00.00
09:00	36.00	36.00	31.68	3.68	0	0	0	0	11	117	292	58	6	0	0	0
PM Peak																
16:00	22.00	27.00	27.00	12.00	13.00	13.00	12.00	16.00	16.00	17.00	17.00	20.00	22.00	12.00	0	0
17:00	36.00	38.00	32.18	3.18	0	3	3	17	89	255	85	30	2	1	0	0



North Wales ATC 20, Flordd William Morgan

Direction: Northbound

04/05/2022

Hour Beginning	Total Volume	ECN Percentage	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5-10	Bin 3 10-15	Bin 4 15-20	Bin 5 20-25	Bin 6 25-30	Bin 7 30-35	Bin 8 35-40	Bin 9 40-45	Bin 10 45-50	Bin 11 50-55	Bin 12 >55
00:00	9	35.2	26.3	2.6	0	0	0	0	0	0	0	0	0	0	0	0
01:00	3	35.2	26.2	5.8	0	0	0	0	1	0	2	0	0	0	0	0
02:00	4	26.3	2.5	0	0	0	0	0	1	0	0	0	0	0	0	0
03:00	2	27.5	27.5	0.0	0	0	0	0	0	2	0	0	0	0	0	0
04:00	1	-	-	-	0	0	0	0	0	0	1	0	0	0	0	0
05:00	8	30.0	28.1	1.8	0	0	0	0	0	7	1	0	0	0	0	8
06:00	31	31.3	27.7	3.5	0	0	0	1	4	19	7	0	0	0	0	0
07:00	69	30.5	27.2	3.1	0	0	0	2	14	60	13	0	0	0	0	0
08:00	201	30.5	27.5	2.8	0	0	0	0	30	140	30	1	0	0	0	0
09:00	133	29.9	26.7	3.1	0	0	0	2	32	85	14	0	0	0	0	0
10:00	99	30.7	27.0	3.5	0	0	0	1	27	52	19	0	0	0	0	0
11:00	100	29.3	26.1	3.1	0	0	0	2	33	60	7	0	0	0	0	0
12:00	131	29.9	26.0	3.7	0	0	0	3	50	63	13	2	0	0	0	0
13:00	140	31.6	26.9	4.5	0	0	1	1	38	82	15	0	1	1	1	0
14:00	99	30.9	26.8	3.9	0	0	0	5	21	56	16	1	0	0	0	0
15:00	133	31.1	27.4	3.6	0	0	1	2	21	86	21	2	0	0	0	0
16:00	241	30.9	27.7	3.1	0	0	0	0	40	151	49	3	0	0	0	0
17:00	255	31.0	27.3	3.6	0	0	0	4	54	151	42	3	1	0	0	0
18:00	68	31.5	27.4	3.9	0	0	0	2	15	33	18	0	0	0	0	0
19:00	28	30.7	27.5	3.0	0	0	0	0	5	18	5	0	0	0	0	0
20:00	19	32.8	27.8	4.9	0	0	0	1	4	8	5	1	0	0	0	0
21:00	47	32.1	27.6	4.4	0	0	1	1	5	32	5	3	0	0	0	0
22:00	7	36.7	32.5	4.1	0	0	0	0	0	2	3	2	0	0	0	0
23:00	10	31.0	27.5	3.3	0	0	0	0	2	6	2	0	0	0	0	0
Total																
2H(10-12)	109	30.0	26.5	3.3	0	0	0	3	58	132	26	0	0	0	0	0
2H(14-16)	232	31.0	27.2	3.7	0	0	1	7	42	142	37	3	0	0	0	0
12H(7-19)	1689	30.7	27.1	3.5	0	0	2	24	373	1039	257	30	2	1	1	0
24H(0-24)	4958	30.9	27.2	3.6	0	0	3	29	395	1130	293	36	2	1	1	0
AM Peak	08:00	01:00	04:00	05:00	06:00	06:00	07:00	08:00	08:00	08:00	08:00	08:00	08:00	08:00	08:00	08:00
	201	35.2	32.5	5.8	0	0	0	2	32	140	30	1	0	0	0	0
PM Peak	17:00	22:00	22:00	20:00	12:00	12:00	13:00	14:00	17:00	16:00	16:00	17:00	13:00	13:00	13:00	12:00
	255	36.7	32.5	4.9	0	0	1	5	54	151	49	3	1	1	1	0

360 TSL Ltd

Direction: Southbound

Hour Beginning	Total Volume	ECN Percentage	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5-10	Bin 3 10-15	Bin 4 15-20	Bin 5 20-25	Bin 6 25-30	Bin 7 30-35	Bin 8 35-40	Bin 9 40-45	Bin 10 45-50	Bin 11 50-55	Bin 12 >55
00:00	3	32.2	29.2	2.9	0	0	0	0	0	2	1	0	0	0	0	0
01:00	5	32.3	29.5	2.7	0	0	0	0	0	3	2	0	0	0	0	0
02:00	1	-	27.5	-	0	0	0	0	0	1	0	0	0	0	0	0
03:00	4	31.7	27.5	4.1	0	0	0	0	0	1	3	1	0	0	0	0
04:00	6	32.2	28.3	3.8	0	0	0	0	0	1	3	2	0	0	0	0
05:00	68	33.8	29.8	4.5	0	0	0	0	9	29	24	5	0	0	0	0
06:00	54	33.5	29.8	3.6	0	0	0	0	3	27	20	4	0	0	0	0
07:00	236	31.0	27.9	3.0	0	0	1	0	24	171	36	4	0	0	0	0
08:00	295	31.2	27.8	3.2	0	0	1	46	186	58	4	0	0	0	0	0
09:00	118	31.2	27.9	3.2	0	0	0	1	17	72	28	0	0	0	0	0
10:00	96	32.0	27.3	4.5	0	0	1	3	21	48	19	4	0	0	0	0
11:00	110	31.2	27.2	3.8	0	0	0	4	21	66	16	3	0	0	0	0
12:00	209	31.4	26.7	4.5	0	0	2	7	21	57	21	1	0	0	0	0
13:00	138	30.8	26.7	3.9	0	0	1	42	72	20	1	1	0	0	0	0
14:00	209	31.5	26.8	4.5	0	0	1	9	19	55	25	0	0	0	0	0
15:00	124	31.4	27.9	3.4	0	0	0	24	67	33	0	0	0	0	0	0
16:00	150	31.6	27.8	3.6	0	0	0	1	25	92	28	3	1	0	0	0
17:00	176	31.6	27.7	3.7	0	0	0	3	28	130	28	7	0	0	0	0
18:00	57	33.3	29.5	3.6	0	0	0	0	2	35	16	3	0	0	0	0
19:00	32	34.4	29.4	4.9	0	0	1	0	2	15	11	3	0	0	0	0
20:00	37	36.7	30.7	5.6	0	0	0	0	4	15	11	5	1	0	0	0
21:00	12	32.7	28.3	4.2	0	0	0	1	0	7	4	0	0	0	0	0
22:00	9	32.1	28.1	3.9	0	0	0	0	2	4	1	0	0	0	0	0
23:00	3	43.7	35.8	7.6	0	0	0	0	0	1	0	1	1	0	0	0
Total																
2H(10-12)	206	31.6	27.3	4.2	0	0	1	7	42	134	35	7	0	0	0	0
2H(14-16)	333	31.5	27.4	4.0	0	0	1	9	41	122	58	0	0	0	0	0
12H(7-19)	1718	31.4	27.6	3.7	0	0	4	30	290	1031	328	30	3	0	0	0
24H(0-24)	4952	31.6	27.8	3.9	0	0	8	31	312	1140	407	48	5	1	0	0
AM Peak	08:00	05:00	06:00	05:00	06:00	06:00	05:00	11:00	08:00	08:00	08:00	05:00	08:00	08:00	08:00	08:00
	295	33.4	29.8	4.5	0	0	5	4	49	186	58	5	0	0	0	0
PM Peak	17:00	22:00	19:00	22:00	12:00	13:00	13:00	14:00	13:00	17:00	15:00	17:00	13:00	30:00	12:00	12:00
	276	43.7	35.8	7.6	0	0	2	9	42	139	35	7	1	1	0	0

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	ECN Percentage	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5-10	Bin 3 10-15	Bin 4 15-20	Bin 5 20-25	Bin 6 25-30	Bin 7 30-35	Bin 8 35-40	Bin 9 40-45	Bin 10 45-50	Bin 11 50-55	Bin 12 >55
00:00	12	32.7	30.0	2.6	0	0	0	0	0	4	0	0	0	0	0	0
01:00	8	33.2	29.4	3.7	0	0	0	0	1	3	4	0	0	0	0	0
02:00	5	28.8	26.5	2.2	0	0	0	0	0	1	4	0	0	0	0	0
03:00	6	30.8	27.5	3.2	0	0	0	0	0	1	4	1	0	0	0	0
04:00	7	32.8	28.9	3.8	0	0	0	0	0	1	3	1	0	0	0	0
05:00	76	33.5	29.0	4.3	0	0	1	0	9	36	25	5	0	0	0	0
06:00	65	30.8	27.7	3.7	0	0	0	1	7	46	27	4	0	0	0	0
07:00	325	30.8	27.7	3.0	0	0	1	7	38	231	49	4	0	0	0	0
08:00	496	30.9	27.7	3.1	0	0	0	1	76	326	88	5	0	0	0	0
09:00	251	30.6	27.2	3.2	0	0	0	3	49	157	42	0	0	0	0	0
10:00	195	31.3	27.2	4.0	0	0	1	4	48	100	38	4	0	0	0	0
11:00	120	30.2	26.7	3.5	0	0	0	6	31	126	23	3	0	0	0	0
12:00	240	30.6	26.3	4.1	0	0	2	10	71	120	34	3	0	0	0	0
13:00	278	31.2	26.8	4.2	0	0	2	7	80	154	36	1	0	1	1	0
14:00	208	31.2	26.8	4.2	0	0	1	14	60	111	41	1	0	0	0	0
15:00	257	31.2	27.6	3.5	0	0	1	2	45	153	54	2	0	0	0	0
16:00	391	31.2	27.8	3.3	0	0	0	1	65	243	77	4	1	0	0	0
17:00	411	31.2	27.5	3.6	0	0	0	7	82	261	70	10	1	0	0	0
18:00	125	32.4	28.4	3.9	0	0	0	2	13	68	34	3	0	0	0	0
19:00	60	32.9	28.5	4.2	0	0	1	0	7	33	16	3	0	0	0	0
20:00	56	35.4	29.7	5.5	0	0	0	1	8	23	16	6	1	1	0	0
21:00	59	32.2	27.8	4.3	0	0	1	2	3	39	9	1	0	0	0	0
22:00	16	34.6	30.0	4.5	0	0	0	0	2	6	6	2	0	0	0	0
23:00	13	35.2	29.4	5.6	0	0	0	0	2	7	2	1	1	0	0	0
Total																
2H(10-12)	405	30.8	26.9	3.8	0	0	1	10	100	226	61	7	0	0	0	0
2H(14-16)	465	31.2	27.3	3.8	0	0	2	16	85	264	95	3	0	0	0	0
12H(7-19)	3407	31.1	27.3	3.6	0	0	8	54	663	2050	585	40	5	1	1	0



North Wales ATC 20, Ffordd William Morgan



Direction: Northbound

Hour Beginning	Thu 05/05/2022	Fri 06/05/2022	Sat 07/05/2022	Sun 08/05/2022	Mon 09/05/2022	Tue 10/05/2022	Wed 11/05/2022	5-Day Ave.	7-Day Ave.
00:00	9	9	5	6	7	4	1	6	6
01:00	7	4	0	1	3	1	4	4	5
02:00	5	3	3	1	1	0	3	2	2
03:00	1	5	0	0	5	2	3	3	2
04:00	3	6	1	3	6	1	0	3	3
05:00	16	16	7	5	9	7	5	11	9
06:00	40	38	17	10	32	37	46	39	31
07:00	101	93	14	17	98	110	81	97	73
08:00	228	194	42	15	216	224	227	218	164
09:00	128	123	44	35	88	111	132	116	94
10:00	94	84	60	54	74	107	90	90	80
11:00	88	136	70	55	72	91	127	103	91
12:00	135	241	64	54	108	131	135	150	124
13:00	126	167	44	47	124	114	193	145	116
14:00	112	106	37	33	98	122	181	124	98
15:00	142	137	43	42	120	117	239	151	120
16:00	267	185	35	41	337	267	416	294	221
17:00	256	130	33	32	252	240	357	247	186
18:00	64	58	43	27	74	56	106	72	61
19:00	40	26	17	18	25	28	46	33	29
20:00	13	36	9	9	23	17	29	24	19
21:00	54	20	6	6	44	39	60	43	33
22:00	9	10	14	10	9	8	11	9	10
23:00	13	7	0	3	5	10	17	10	8
Total									
12H(7-19)	1741	1654	529	452	1661	1690	2284	1806	1430
16H(6-22)	1888	1774	578	495	1785	1811	2465	1945	1542
18H(6-24)	1910	1791	592	508	1799	1829	2493	1964	1560
24H(0-24)	1951	1834	608	524	1830	1844	2509	1994	1586
AM Peak	08:00	08:00	11:00	11:00	08:00	08:00	08:00	08:00	08:00
	228	194	70	55	216	224	227	218	164
PM Peak	16:00	12:00	12:00	12:00	16:00	16:00	16:00	16:00	16:00
	267	241	64	54	337	267	416	294	221

360 TSL Ltd

Direction: Southbound

Hour Beginning	Thu 05/05/2022	Fri 06/05/2022	Sat 07/05/2022	Sun 08/05/2022	Mon 09/05/2022	Tue 10/05/2022	Wed 11/05/2022	5-Day Ave.	7-Day Ave.
00:00	7	2	3	2	5	1	3	4	3
01:00	1	2	2	1	2	1	2	2	2
02:00	3	1	2	3	2	1	1	2	2
03:00	3	3	2	2	3	4	3	3	3
04:00	7	7	0	0	10	5	7	7	5
05:00	63	63	18	4	68	62	65	64	49
06:00	44	61	26	21	44	49	41	48	41
07:00	231	216	30	19	256	244	250	239	178
08:00	283	253	31	18	287	292	303	284	210
09:00	113	109	55	29	97	105	112	107	89
10:00	97	114	37	46	79	86	109	97	81
11:00	91	88	54	54	100	98	126	101	87
12:00	122	122	40	48	101	101	127	115	94
13:00	135	121	55	40	140	121	160	135	110
14:00	131	118	30	44	131	98	157	127	101
15:00	131	119	56	49	121	117	142	126	105
16:00	169	138	61	60	153	190	161	162	133
17:00	185	141	45	60	195	183	193	179	143
18:00	87	44	37	35	59	46	69	61	54
19:00	46	28	24	21	31	20	21	29	23
20:00	30	15	17	15	28	25	33	26	23
21:00	17	10	7	11	9	10	25	14	13
22:00	6	5	10	5	7	4	12	7	7
23:00	4	5	4	1	3	4	12	6	5
Total									
12H(7-19)	1775	1583	531	502	1719	1681	1909	1733	1386
16H(6-22)	1912	1697	605	570	1831	1785	2029	1851	1490
18H(6-24)	1922	1707	619	576	1841	1793	2053	1863	1502
24H(0-24)	2006	1785	646	588	1931	1867	2134	1945	1565
AM Peak	08:00	08:00	09:00	11:00	08:00	08:00	08:00	08:00	08:00
	283	253	55	54	287	292	303	284	210
PM Peak	17:00	17:00	16:00	16:00	17:00	16:00	17:00	17:00	17:00
	185	141	61	60	195	190	193	179	143

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Thu 05/05/2022	Fri 06/05/2022	Sat 07/05/2022	Sun 08/05/2022	Mon 09/05/2022	Tue 10/05/2022	Wed 11/05/2022	5-Day Ave.	7-Day Ave.
00:00	16	11	8	8	12	5	4	10	9
01:00	8	6	2	2	5	2	6	5	4
02:00	8	4	5	4	3	1	4	4	4
03:00	4	8	2	2	8	6	6	6	5
04:00	10	13	1	3	16	6	7	10	8
05:00	79	79	25	9	77	69	70	75	58
06:00	84	99	43	31	76	86	87	96	72
07:00	332	309	44	36	354	354	331	336	251
08:00	511	447	73	33	503	516	530	501	373
09:00	241	232	99	64	185	216	244	224	183
10:00	191	198	97	100	153	193	199	187	162
11:00	179	224	124	109	172	189	253	203	179
12:00	257	363	104	102	209	232	262	265	218
13:00	261	288	99	87	264	235	353	280	227
14:00	243	224	67	77	229	220	338	251	200
15:00	273	256	99	91	241	234	381	277	225
16:00	436	323	96	101	490	457	577	457	354
17:00	441	271	78	92	447	423	550	426	329
18:00	151	102	80	62	133	102	175	133	115
19:00	86	54	41	39	56	48	67	62	56
20:00	43	51	26	24	51	42	62	50	43
21:00	71	30	13	17	53	49	85	58	45
22:00	15	15	24	15	16	12	23	16	17
23:00	17	12	4	4	8	14	29	16	13
Total									
12H(7-19)	3516	3237	1060	954	3380	3371	4193	3539	2816
16H(6-22)	3800	3471	1183	1065	3616	3596	4494	3795	3032
18H(6-24)	3832	3498	1211	1084	3640	3622	4546	3828	3062
24H(0-24)	3957	3619	1254	1112	3761	3711	4643	3938	3151
AM Peak	08:00	08:00	11:00	11:00	08:00	08:00	08:00	08:00	08:00
	511	447	124	109	503	516	530	501	373
PM Peak	17:00	12:00	12:00	12:00	16:00	16:00	16:00	16:00	16:00
	441	363	104	102	490	457	577	457	354

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North Wales ATC 20, Ffordd William Morgan

Direction: Northbound

	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 5 May 2022	1951	1656	258	5	32
Fri 6 May 2022	1834	1604	204	4	22
Sat 7 May 2022	608	539	53	1	15
Sun 8 May 2022	524	494	30	0	0
Mon 9 May 2022	1830	1605	200	5	20
Tue 10 May 2022	1844	1642	179	2	21
Wed 11 May 2022	2509	2231	250	6	22
5 Day Ave.	1994	1748	218	4	23
7 Day Ave.	1586	1396	168	3	19

Direction: Southbound

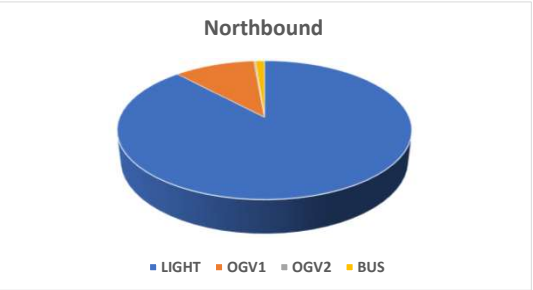
	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 5 May 2022	2006	1677	297	7	25
Fri 6 May 2022	1785	1514	242	6	23
Sat 7 May 2022	646	552	80	2	12
Sun 8 May 2022	588	531	57	0	0
Mon 9 May 2022	1931	1620	284	8	19
Tue 10 May 2022	1867	1619	219	6	23
Wed 11 May 2022	2134	1841	263	6	24
5 Day Ave.	1945	1654	261	7	23
7 Day Ave.	1565	1336	206	5	18

Direction: Total Flow

	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 5 May 2022	3957	3333	555	12	57
Fri 6 May 2022	3619	3118	446	10	45
Sat 7 May 2022	1254	1091	133	3	27
Sun 8 May 2022	1112	1025	87	0	0
Mon 9 May 2022	3761	3225	484	13	39
Tue 10 May 2022	3711	3261	398	8	44
Wed 11 May 2022	4643	4072	513	12	46
5 Day Ave.	3938	3402	479	11	46
7 Day Ave.	3151	2732	374	8	37

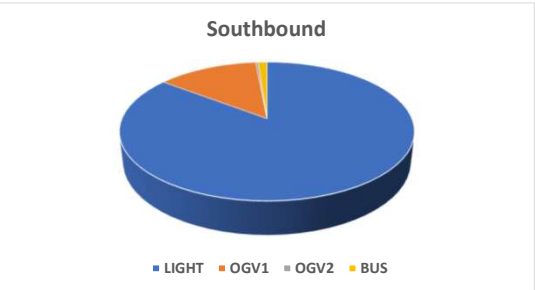
	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 5 May 2022	100.0%	84.9%	13.2%	0.3%	1.6%
Fri 6 May 2022	100.0%	87.5%	11.1%	0.2%	1.2%
Sat 7 May 2022	100.0%	88.7%	8.7%	0.2%	2.5%
Sun 8 May 2022	100.0%	94.3%	5.7%	0.0%	0.0%
Mon 9 May 2022	100.0%	87.7%	10.9%	0.3%	1.1%
Tue 10 May 2022	100.0%	89.0%	9.7%	0.1%	1.1%
Wed 11 May 2022	100.0%	88.9%	10.0%	0.2%	0.9%
5 Day Ave.	100.0%	87.7%	10.9%	0.2%	1.2%
7 Day Ave.	100.0%	88.0%	10.6%	0.2%	1.2%

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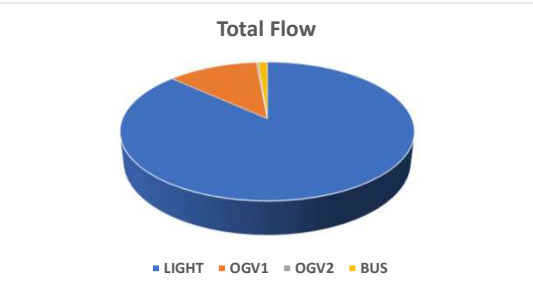
	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 5 May 2022	100.0%	83.6%	14.8%	0.3%	1.2%
Fri 6 May 2022	100.0%	84.8%	13.6%	0.3%	1.3%
Sat 7 May 2022	100.0%	85.4%	12.4%	0.3%	1.9%
Sun 8 May 2022	100.0%	90.3%	9.7%	0.0%	0.0%
Mon 9 May 2022	100.0%	83.9%	14.7%	0.4%	1.0%
Tue 10 May 2022	100.0%	86.7%	11.7%	0.3%	1.2%
Wed 11 May 2022	100.0%	86.3%	12.3%	0.3%	1.1%
5 Day Ave.	100.0%	85.1%	13.4%	0.3%	1.2%
7 Day Ave.	100.0%	85.4%	13.2%	0.3%	1.1%

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	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 5 May 2022	100.0%	84.2%	14.0%	0.3%	1.4%
Fri 6 May 2022	100.0%	86.2%	12.3%	0.3%	1.2%
Sat 7 May 2022	100.0%	87.0%	10.6%	0.2%	2.2%
Sun 8 May 2022	100.0%	92.2%	7.8%	0.0%	0.0%
Mon 9 May 2022	100.0%	85.7%	12.9%	0.3%	1.0%
Tue 10 May 2022	100.0%	87.9%	10.7%	0.2%	1.2%
Wed 11 May 2022	100.0%	87.7%	11.0%	0.3%	1.0%
5 Day Ave.	100.0%	86.4%	12.2%	0.3%	1.2%
7 Day Ave.	100.0%	86.7%	11.9%	0.3%	1.2%

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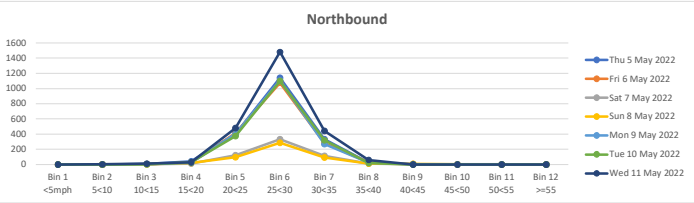


North Wales ATC 20, Ffordd William Morgan

Direction: Northbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5<10	Bin 3 10<15	Bin 4 15<20	Bin 5 20<25	Bin 6 25<30	Bin 7 30<35	Bin 8 35<40	Bin 9 40<45	Bin 10 45<50	Bin 11 50<55	Bin 12 >=55
Thu 5 May 2022	1951	31.1	27.2	3.8	0	1	8	41	403	1140	332	23	3	0	0	0
Fri 6 May 2022	1834	31.0	27.2	3.7	0	1	4	26	411	1075	281	30	5	1	0	0
Sat 7 May 2022	608	32.3	27.6	4.6	0	2	4	10	122	334	115	13	4	2	2	0
Sun 8 May 2022	524	32.5	27.6	4.8	0	0	3	20	98	287	93	12	8	2	1	0
Mon 9 May 2022	1830	30.8	27.1	3.6	0	0	6	23	401	1106	267	24	2	1	0	0
Tue 10 May 2022	1844	31.0	27.3	3.5	0	0	2	28	376	1098	319	19	1	1	0	0
Wed 11 May 2022	2509	31.4	27.5	3.8	0	2	10	31	479	1481	443	60	1	1	1	0
5 Day Ave.	1994	31.1	27.3	3.7	0	1	6	30	414	1180	328	31	2	1	0	0
7 Day Ave.	1586	31.5	27.3	4.0	0	1	5	26	327	932	264	26	3	1	1	0

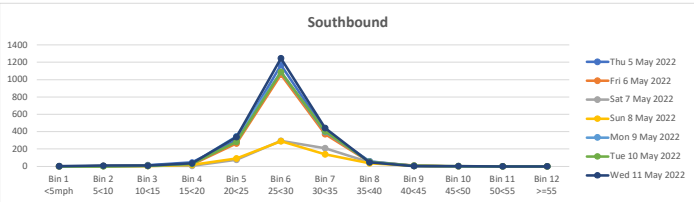
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Direction: Southbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5<10	Bin 3 10<15	Bin 4 15<20	Bin 5 20<25	Bin 6 25<30	Bin 7 30<35	Bin 8 35<40	Bin 9 40<45	Bin 10 45<50	Bin 11 50<55	Bin 12 >=55
Thu 5 May 2022	2006	32.0	27.7	4.1	0	4	13	45	302	1168	411	57	5	1	0	0
Fri 6 May 2022	1785	32.1	27.9	4.0	0	4	7	22	264	1056	371	52	8	1	0	0
Sat 7 May 2022	646	34.0	29.0	4.9	0	4	7	7	75	293	209	46	5	0	0	0
Sun 8 May 2022	588	33.4	28.2	5.0	0	3	4	17	92	290	138	36	7	1	0	0
Mon 9 May 2022	1931	31.9	27.7	4.0	0	4	6	33	344	1089	395	54	6	0	0	0
Tue 10 May 2022	1867	32.0	28.0	3.9	0	0	6	26	282	1089	405	50	6	3	0	0
Wed 11 May 2022	2134	32.0	27.7	4.1	2	8	8	36	339	1247	441	45	4	3	1	0
5 Day Ave.	1945	32.0	27.8	4.0	0	4	8	32	306	1130	405	52	6	2	0	0
7 Day Ave.	1565	32.5	28.0	4.3	0	4	7	27	243	890	339	49	6	1	0	0

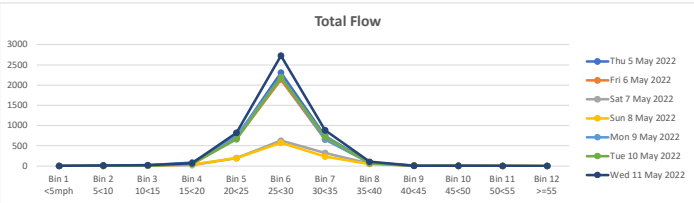
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Direction: Total Flow

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5<10	Bin 3 10<15	Bin 4 15<20	Bin 5 20<25	Bin 6 25<30	Bin 7 30<35	Bin 8 35<40	Bin 9 40<45	Bin 10 45<50	Bin 11 50<55	Bin 12 >=55
Thu 5 May 2022	3957	31.6	27.5	3.9	0	5	21	86	705	2308	743	80	8	1	0	0
Fri 6 May 2022	3619	31.6	27.6	3.9	0	5	11	48	675	2131	652	82	13	2	0	0
Sat 7 May 2022	1254	33.3	28.3	4.8	0	6	11	17	197	627	324	59	9	2	2	0
Sun 8 May 2022	1112	33.0	27.9	4.9	0	3	7	37	190	577	231	48	15	3	1	0
Mon 9 May 2022	3761	31.4	27.4	3.8	0	4	12	56	745	2195	662	78	8	1	0	0
Tue 10 May 2022	3711	31.5	27.6	3.7	0	0	8	54	658	2187	724	69	7	4	0	0
Wed 11 May 2022	4643	31.7	27.6	4.0	2	10	18	67	818	2728	884	105	5	4	2	0
5 Day Ave.	3938	31.5	27.5	3.9	0	5	14	62	720	2310	733	83	8	2	0	0
7 Day Ave.	3151	32.0	27.7	4.2	0	5	13	52	570	1822	603	74	9	2	1	0

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## North Wales ATC 20, Ffordd William Morgan

Direction: Northbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5<10	Bin 3 10<15	Bin 4 15<20	Bin 5 20<25	Bin 6 25<30	Bin 7 30<35	Bin 8 35<40	Bin 9 40<45	Bin 10 45<50	Bin 11 50<55	Bin 12 >=55
Thu 5 May 2022	182	29.9	26.4	3.4	0	0	0	4	54	102	22	0	0	0	0	0
Fri 6 May 2022	220	30.4	26.8	3.5	0	0	1	3	51	137	25	3	0	0	0	0
Sat 7 May 2022	130	31.1	27.4	3.5	0	0	0	2	26	75	26	1	0	0	0	0
Sun 8 May 2022	109	31.1	26.7	4.3	0	0	0	7	25	59	16	1	1	0	0	0
Mon 9 May 2022	146	30.4	26.3	3.9	0	0	2	4	40	81	18	1	0	0	0	0
Tue 10 May 2022	198	30.7	26.4	4.2	0	0	1	10	55	102	26	4	0	0	0	0
Wed 11 May 2022	217	30.3	26.1	4.0	0	1	0	6	75	108	23	4	0	0	0	0
5 Day Ave.	193	30.3	26.4	3.8	0	0	1	5	55	106	23	2	0	0	0	0
7 Day Ave.	172	30.5	26.6	3.8	0	0	1	5	47	95	22	2	0	0	0	0

360 TSL Ltd

Direction: Southbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5<10	Bin 3 10<15	Bin 4 15<20	Bin 5 20<25	Bin 6 25<30	Bin 7 30<35	Bin 8 35<40	Bin 9 40<45	Bin 10 45<50	Bin 11 50<55	Bin 12 >=55
Thu 5 May 2022	188	31.9	27.1	4.6	0	0	3	12	30	100	40	2	1	0	0	0
Fri 6 May 2022	202	32.0	27.4	4.5	0	1	1	7	38	108	41	5	1	0	0	0
Sat 7 May 2022	91	33.1	28.4	4.5	0	0	1	0	17	42	26	4	1	0	0	0
Sun 8 May 2022	100	34.1	28.2	5.7	0	1	1	5	14	45	25	7	2	0	0	0
Mon 9 May 2022	179	31.8	26.8	4.8	0	2	0	6	46	92	25	7	1	0	0	0
Tue 10 May 2022	184	31.4	27.2	4.1	0	0	1	5	42	95	39	1	1	0	0	0
Wed 11 May 2022	235	31.3	26.9	4.2	0	0	0	10	59	123	39	2	1	1	0	0
5 Day Ave.	198	31.7	27.1	4.4	0	1	1	8	43	104	37	3	1	0	0	0
7 Day Ave.	168	32.2	27.4	4.6	0	1	1	6	35	86	34	4	1	0	0	0

360 TSL Ltd

Direction: Total Flow

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5<10	Bin 3 10<15	Bin 4 15<20	Bin 5 20<25	Bin 6 25<30	Bin 7 30<35	Bin 8 35<40	Bin 9 40<45	Bin 10 45<50	Bin 11 50<55	Bin 12 >=55
Thu 5 May 2022	370	31.0	26.7	4.1	0	0	3	16	84	202	62	2	1	0	0	0
Fri 6 May 2022	422	31.2	27.1	4.0	0	1	2	10	89	245	66	8	1	0	0	0
Sat 7 May 2022	221	32.0	27.8	4.0	0	0	1	2	43	117	52	5	1	0	0	0
Sun 8 May 2022	209	32.6	27.4	5.0	0	1	1	12	39	104	41	8	3	0	0	0
Mon 9 May 2022	325	31.2	26.6	4.4	0	2	2	10	86	173	43	8	1	0	0	0
Tue 10 May 2022	382	31.1	26.8	4.1	0	0	2	15	97	197	65	5	1	0	0	0
Wed 11 May 2022	452	30.8	26.5	4.1	0	1	0	16	134	231	62	6	1	1	0	0
5 Day Ave.	390	31.0	26.7	4.1	0	1	2	13	98	210	60	6	1	0	0	0
7 Day Ave.	340	31.4	27.0	4.3	0	1	2	12	82	181	56	6	1	0	0	0

360 TSL Ltd



## North Wales ATC 20, Ffordd William Morgan

Direction: Northbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5<10	Bin 3 10<15	Bin 4 15<20	Bin 5 20<25	Bin 6 25<30	Bin 7 30<35	Bin 8 35<40	Bin 9 40<45	Bin 10 45<50	Bin 11 50<55	Bin 12 >=55
Thu 5 May 2022	254	31.1	26.7	4.3	0	1	2	11	58	140	38	3	1	0	0	0
Fri 6 May 2022	243	31.6	27.5	4.0	0	0	0	2	57	135	42	5	1	1	0	0
Sat 7 May 2022	80	33.2	28.1	4.9	0	0	1	1	15	41	16	4	2	0	0	0
Sun 8 May 2022	75	32.1	27.1	4.8	0	0	1	3	16	41	11	1	2	0	0	0
Mon 9 May 2022	218	30.2	26.5	3.6	0	0	2	3	59	125	29	0	0	0	0	0
Tue 10 May 2022	239	30.9	27.1	3.7	0	0	0	2	67	122	46	1	1	0	0	0
Wed 11 May 2022	420	31.4	27.1	4.2	0	1	5	6	98	228	72	10	0	0	0	0
5 Day Ave.	275	31.0	27.0	3.9	0	0	2	5	68	150	45	4	1	0	0	0
7 Day Ave.	218	31.5	27.1	4.2	0	0	2	4	53	119	36	3	1	0	0	0

360 TSL Ltd

Direction: Southbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5<10	Bin 3 10<15	Bin 4 15<20	Bin 5 20<25	Bin 6 25<30	Bin 7 30<35	Bin 8 35<40	Bin 9 40<45	Bin 10 45<50	Bin 11 50<55	Bin 12 >=55
Thu 5 May 2022	262	30.7	26.9	3.7	0	0	1	7	57	156	38	3	0	0	0	0
Fri 6 May 2022	237	31.5	27.7	3.7	0	1	0	2	39	145	45	5	0	0	0	0
Sat 7 May 2022	86	32.5	27.4	4.9	0	1	2	2	11	48	20	2	0	0	0	0
Sun 8 May 2022	93	30.9	26.6	4.2	0	0	1	2	27	48	14	0	1	0	0	0
Mon 9 May 2022	252	31.3	27.0	4.1	0	0	0	12	59	127	50	4	0	0	0	0
Tue 10 May 2022	215	31.6	27.7	3.8	0	0	0	2	46	112	51	4	0	0	0	0
Wed 11 May 2022	299	32.0	26.7	5.1	0	6	1	14	65	149	57	6	1	0	0	0
5 Day Ave.	253	31.4	27.2	4.1	0	1	0	7	53	138	48	4	0	0	0	0
7 Day Ave.	206	31.5	27.1	4.2	0	1	1	6	43	112	39	3	0	0	0	0

360 TSL Ltd

Direction: Total Flow

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5<10	Bin 3 10<15	Bin 4 15<20	Bin 5 20<25	Bin 6 25<30	Bin 7 30<35	Bin 8 35<40	Bin 9 40<45	Bin 10 45<50	Bin 11 50<55	Bin 12 >=55
Thu 5 May 2022	516	30.9	26.8	4.0	0	1	3	18	115	296	76	6	1	0	0	0
Fri 6 May 2022	480	31.5	27.6	3.8	0	1	0	4	96	280	87	10	1	1	0	0
Sat 7 May 2022	166	32.9	27.8	4.9	0	1	3	3	26	89	36	6	2	0	0	0
Sun 8 May 2022	168	31.5	26.8	4.5	0	0	2	5	43	89	25	1	3	0	0	0
Mon 9 May 2022	470	30.8	26.8	3.9	0	0	2	15	118	252	79	4	0	0	0	0
Tue 10 May 2022	454	31.3	27.4	3.7	0	0	0	4	113	234	97	5	1	0	0	0
Wed 11 May 2022	719	31.6	26.9	4.6	0	7	6	20	163	377	129	16	1	0	0	0
5 Day Ave.	528	31.2	27.1	4.0	0	2	2	12	121	288	94	8	1	0	0	0
7 Day Ave.	425	31.5	27.1	4.2	0	1	2	10	96	231	76	7	1	0	0	0

360 TSL Ltd



North Wales ATC 20, Ffordd William Morgan

Direction: Northbound

05/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	9	9	0	0	0
01:00	7	7	0	0	0
02:00	5	5	0	0	0
03:00	1	0	1	0	0
04:00	3	2	1	0	0
05:00	16	15	1	0	0
06:00	40	30	7	0	3
07:00	101	85	15	0	1
08:00	228	199	25	0	4
09:00	128	102	23	1	2
10:00	94	76	17	0	1
11:00	88	63	22	1	2
12:00	135	105	28	1	1
13:00	126	112	12	1	1
14:00	112	89	20	0	3
15:00	142	115	24	1	2
16:00	267	232	31	0	4
17:00	256	235	20	0	1
18:00	64	60	3	0	1
19:00	40	32	6	0	2
20:00	13	11	0	0	2
21:00	54	52	1	0	1
22:00	9	8	0	0	1
23:00	13	12	1	0	0
Total					
12H(7-19)	1741	1473	240	5	23
16H(6-22)	1888	1598	254	5	31
18H(6-24)	1910	1618	255	5	32
24H(0-24)	1951	1656	258	5	32
AM Peak	08:00	08:00	08:00	09:00	08:00
	228	199	25	1	4
PM Peak	16:00	17:00	16:00	12:00	16:00
	267	235	31	1	4

360 TSL Ltd

Direction: Southbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	7	5	2	0	0
01:00	1	1	0	0	0
02:00	3	3	0	0	0
03:00	3	2	1	0	0
04:00	7	5	2	0	0
05:00	63	55	6	0	2
06:00	44	41	3	0	0
07:00	231	203	27	0	1
08:00	283	246	33	1	3
09:00	113	85	26	1	1
10:00	97	74	17	2	4
11:00	91	70	19	0	2
12:00	122	95	25	1	1
13:00	135	114	18	0	3
14:00	131	104	24	1	2
15:00	131	104	25	0	2
16:00	169	144	23	0	2
17:00	185	164	19	1	1
18:00	87	72	15	0	0
19:00	46	40	6	0	0
20:00	30	28	2	0	0
21:00	17	15	1	0	1
22:00	6	4	2	0	0
23:00	4	3	1	0	0
Total					
12H(7-19)	1775	1475	271	7	22
16H(6-22)	1912	1599	283	7	23
18H(6-24)	1922	1606	286	7	23
24H(0-24)	2006	1677	297	7	25
AM Peak	08:00	08:00	08:00	10:00	10:00
	283	246	33	2	4
PM Peak	17:00	17:00	12:00	12:00	13:00
	185	164	25	1	3

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	16	14	2	0	0
01:00	8	8	0	0	0
02:00	8	8	0	0	0
03:00	4	2	2	0	0
04:00	10	7	3	0	0
05:00	79	70	7	0	2
06:00	84	71	10	0	3
07:00	332	288	42	0	2
08:00	511	445	58	1	7
09:00	241	187	49	2	3
10:00	191	150	34	2	5
11:00	179	133	41	1	4
12:00	257	200	53	2	2
13:00	261	226	30	1	4
14:00	243	193	44	1	5
15:00	273	219	49	1	4
16:00	436	376	54	0	6
17:00	441	399	39	1	2
18:00	151	132	18	0	1
19:00	86	72	12	0	2
20:00	43	39	2	0	2
21:00	71	67	2	0	2
22:00	15	12	2	0	1
23:00	17	15	2	0	0
Total					
12H(7-19)	3516	2948	511	12	45
16H(6-22)	3800	3197	537	12	54
18H(6-24)	3832	3224	541	12	55
24H(0-24)	3957	3333	555	12	57
AM Peak	08:00	08:00	08:00	09:00	08:00
	511	445	58	2	7
PM Peak	17:00	17:00	16:00	12:00	16:00
	441	399	54	2	6

360 TSL Ltd



# North Wales ATC 20, Ffordd William Morgan

Direction: Northbound

06/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	9	9	0	0	0
01:00	4	4	0	0	0
02:00	3	3	0	0	0
03:00	5	4	1	0	0
04:00	6	4	2	0	0
05:00	16	15	1	0	0
06:00	38	30	6	0	2
07:00	93	80	11	1	1
08:00	194	165	24	1	4
09:00	123	106	15	0	2
10:00	84	68	15	1	0
11:00	136	122	14	0	0
12:00	241	210	27	0	4
13:00	167	143	22	0	2
14:00	106	86	18	1	1
15:00	137	120	16	0	1
16:00	185	163	21	0	1
17:00	130	127	3	0	0
18:00	58	54	4	0	0
19:00	26	23	3	0	0
20:00	36	35	0	0	1
21:00	20	17	1	0	2
22:00	10	9	0	0	1
23:00	7	7	0	0	0
Total					
12H(7-19)	1654	1444	190	4	16
16H(6-22)	1774	1549	200	4	21
18H(6-24)	1791	1565	200	4	22
24H(0-24)	1834	1604	204	4	22
AM Peak	08:00 194	08:00 165	08:00 24	07:00 1	08:00 4
PM Peak	12:00 241	12:00 210	12:00 27	14:00 1	12:00 4

360 TSL Ltd

Direction: Southbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	2	0	1	0	1
01:00	2	1	1	0	0
02:00	1	1	0	0	0
03:00	3	3	0	0	0
04:00	7	6	1	0	0
05:00	63	60	1	0	2
06:00	61	53	8	0	0
07:00	216	191	24	0	1
08:00	253	223	26	0	4
09:00	109	87	19	2	1
10:00	114	88	25	0	1
11:00	88	66	17	1	4
12:00	122	107	14	0	1
13:00	121	105	14	0	2
14:00	118	95	21	1	1
15:00	119	98	20	0	1
16:00	138	116	21	0	1
17:00	141	120	17	2	2
18:00	44	39	5	0	0
19:00	28	25	3	0	0
20:00	15	15	0	0	0
21:00	10	9	0	0	1
22:00	5	3	2	0	0
23:00	5	3	2	0	0
Total					
12H(7-19)	1583	1335	223	6	19
16H(6-22)	1697	1437	234	6	20
18H(6-24)	1707	1443	238	6	20
24H(0-24)	1785	1514	242	6	23
AM Peak	08:00 253	08:00 223	08:00 26	09:00 2	08:00 4
PM Peak	17:00 141	17:00 120	14:00 21	17:00 2	13:00 2

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	11	9	1	0	1
01:00	6	5	1	0	0
02:00	4	4	0	0	0
03:00	8	7	1	0	0
04:00	13	10	3	0	0
05:00	79	75	2	0	2
06:00	99	83	14	0	2
07:00	309	271	35	1	2
08:00	447	388	50	1	8
09:00	232	193	34	2	3
10:00	198	156	40	1	1
11:00	224	188	31	1	4
12:00	363	317	41	0	5
13:00	288	248	36	0	4
14:00	224	181	39	2	2
15:00	256	218	36	0	2
16:00	323	279	42	0	2
17:00	271	247	20	2	2
18:00	102	93	9	0	0
19:00	54	48	6	0	0
20:00	51	50	0	0	1
21:00	30	26	1	0	3
22:00	15	12	2	0	1
23:00	12	10	2	0	0
Total					
12H(7-19)	3237	2779	413	10	35
16H(6-22)	3471	2986	434	10	41
18H(6-24)	3498	3008	438	10	42
24H(0-24)	3619	3118	446	10	45
AM Peak	08:00 447	08:00 388	08:00 50	09:00 2	08:00 8
PM Peak	12:00 363	12:00 317	16:00 42	14:00 2	12:00 5

360 TSL Ltd



# North Wales ATC 20, Ffordd William Morgan

Direction: Northbound

07/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	5	5	0	0	0
01:00	0	0	0	0	0
02:00	3	3	0	0	0
03:00	0	0	0	0	0
04:00	1	1	0	0	0
05:00	7	7	0	0	0
06:00	17	15	1	0	1
07:00	14	13	1	0	0
08:00	42	35	5	0	2
09:00	44	34	9	1	0
10:00	60	53	7	0	0
11:00	70	59	9	0	2
12:00	64	59	4	0	1
13:00	44	39	4	0	1
14:00	37	34	2	0	1
15:00	43	39	3	0	1
16:00	35	34	1	0	0
17:00	33	30	2	0	1
18:00	43	39	3	0	1
19:00	17	15	2	0	0
20:00	9	7	0	0	2
21:00	6	5	0	0	1
22:00	14	13	0	0	1
23:00	0	0	0	0	0
Total					
12H(7-19)	529	468	50	1	10
16H(6-22)	578	510	53	1	14
18H(6-24)	592	523	53	1	15
24H(0-24)	608	539	53	1	15
AM Peak	11:00 70	11:00 59	09:00 9	09:00 1	08:00 2
PM Peak	12:00 64	12:00 59	12:00 4	12:00 0	20:00 2

360 TSL Ltd

Direction: Southbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	3	2	1	0	0
01:00	2	2	0	0	0
02:00	2	1	1	0	0
03:00	2	2	0	0	0
04:00	0	0	0	0	0
05:00	18	17	0	0	1
06:00	26	21	5	0	0
07:00	30	24	5	0	1
08:00	31	26	5	0	0
09:00	55	48	6	0	1
10:00	37	29	7	0	1
11:00	54	46	6	1	1
12:00	40	33	5	1	1
13:00	55	50	4	0	1
14:00	30	28	1	0	1
15:00	56	45	10	0	1
16:00	61	56	4	0	1
17:00	45	33	11	0	1
18:00	37	33	4	0	0
19:00	24	23	1	0	0
20:00	17	13	4	0	0
21:00	7	6	0	0	1
22:00	10	10	0	0	0
23:00	4	4	0	0	0
Total					
12H(7-19)	531	451	68	2	10
16H(6-22)	605	514	78	2	11
18H(6-24)	619	528	78	2	11
24H(0-24)	646	552	80	2	12
AM Peak	09:00 55	09:00 48	10:00 7	11:00 1	05:00 1
PM Peak	16:00 61	16:00 56	17:00 11	12:00 1	12:00 1

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	8	7	1	0	0
01:00	2	2	0	0	0
02:00	5	4	1	0	0
03:00	2	2	0	0	0
04:00	1	1	0	0	0
05:00	25	24	0	0	1
06:00	43	36	6	0	1
07:00	44	37	6	0	1
08:00	73	61	10	0	2
09:00	99	82	15	1	1
10:00	97	82	14	0	1
11:00	124	105	15	1	3
12:00	104	92	9	1	2
13:00	99	89	8	0	2
14:00	67	62	3	0	2
15:00	99	84	13	0	2
16:00	96	90	5	0	1
17:00	78	63	13	0	2
18:00	80	72	7	0	1
19:00	41	38	3	0	0
20:00	26	20	4	0	2
21:00	13	11	0	0	2
22:00	24	23	0	0	1
23:00	4	4	0	0	0
Total					
12H(7-19)	1060	919	118	3	20
16H(6-22)	1183	1024	131	3	25
18H(6-24)	1211	1051	131	3	26
24H(0-24)	1254	1091	133	3	27
AM Peak	11:00 124	11:00 105	09:00 15	09:00 1	11:00 3
PM Peak	12:00 104	12:00 92	15:00 13	12:00 1	12:00 2

360 TSL Ltd



# North Wales ATC 20, Ffordd William Morgan

Direction: Northbound

08/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	6	6	0	0	0
01:00	1	1	0	0	0
02:00	1	1	0	0	0
03:00	0	0	0	0	0
04:00	3	3	0	0	0
05:00	5	5	0	0	0
06:00	10	7	3	0	0
07:00	17	15	2	0	0
08:00	15	14	1	0	0
09:00	35	35	0	0	0
10:00	54	50	4	0	0
11:00	55	53	2	0	0
12:00	54	54	0	0	0
13:00	47	42	5	0	0
14:00	33	32	1	0	0
15:00	42	40	2	0	0
16:00	41	37	4	0	0
17:00	32	29	3	0	0
18:00	27	26	1	0	0
19:00	18	17	1	0	0
20:00	9	8	1	0	0
21:00	6	6	0	0	0
22:00	10	10	0	0	0
23:00	3	3	0	0	0
Total					
12H(7-19)	452	427	25	0	0
16H(6-22)	495	465	30	0	0
18H(6-24)	508	478	30	0	0
24H(0-24)	524	494	30	0	0
AM Peak	11:00	11:00	10:00	00:00	00:00
	55	53	4	0	0
PM Peak	12:00	12:00	13:00	12:00	12:00
	54	54	5	0	0

360 TSL Ltd

Direction: Southbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	2	1	1	0	0
01:00	1	1	0	0	0
02:00	3	3	0	0	0
03:00	2	1	1	0	0
04:00	0	0	0	0	0
05:00	4	4	0	0	0
06:00	21	20	1	0	0
07:00	19	17	2	0	0
08:00	18	18	0	0	0
09:00	29	25	4	0	0
10:00	46	43	3	0	0
11:00	54	49	5	0	0
12:00	48	46	2	0	0
13:00	40	36	4	0	0
14:00	44	42	2	0	0
15:00	49	42	7	0	0
16:00	60	55	5	0	0
17:00	60	53	7	0	0
18:00	35	26	9	0	0
19:00	21	20	1	0	0
20:00	15	12	3	0	0
21:00	11	11	0	0	0
22:00	5	5	0	0	0
23:00	1	1	0	0	0
Total					
12H(7-19)	502	452	50	0	0
16H(6-22)	570	515	55	0	0
18H(6-24)	576	521	55	0	0
24H(0-24)	588	531	57	0	0
AM Peak	11:00	11:00	11:00	00:00	00:00
	54	49	5	0	0
PM Peak	16:00	16:00	18:00	12:00	12:00
	60	55	9	0	0

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	8	7	1	0	0
01:00	2	2	0	0	0
02:00	4	4	0	0	0
03:00	2	1	1	0	0
04:00	3	3	0	0	0
05:00	9	9	0	0	0
06:00	31	27	4	0	0
07:00	36	32	4	0	0
08:00	33	32	1	0	0
09:00	64	60	4	0	0
10:00	100	93	7	0	0
11:00	109	102	7	0	0
12:00	102	100	2	0	0
13:00	87	78	9	0	0
14:00	77	74	3	0	0
15:00	91	82	9	0	0
16:00	101	92	9	0	0
17:00	92	82	10	0	0
18:00	62	52	10	0	0
19:00	39	37	2	0	0
20:00	24	20	4	0	0
21:00	17	17	0	0	0
22:00	15	15	0	0	0
23:00	4	4	0	0	0
Total					
12H(7-19)	954	879	75	0	0
16H(6-22)	1065	980	85	0	0
18H(6-24)	1084	999	85	0	0
24H(0-24)	1112	1025	87	0	0
AM Peak	11:00	11:00	10:00	00:00	00:00
	109	102	7	0	0
PM Peak	12:00	12:00	17:00	12:00	12:00
	102	100	10	0	0

360 TSL Ltd



# North Wales ATC 20, Ffordd William Morgan

Direction: Northbound

09/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	7	7	0	0	0
01:00	3	3	0	0	0
02:00	1	1	0	0	0
03:00	5	3	2	0	0
04:00	6	5	1	0	0
05:00	9	9	0	0	0
06:00	32	26	4	0	2
07:00	98	88	9	0	1
08:00	216	195	19	0	2
09:00	88	62	26	0	0
10:00	74	60	13	1	0
11:00	72	58	14	0	0
12:00	108	92	13	1	2
13:00	124	107	13	1	3
14:00	98	87	8	1	2
15:00	120	95	23	0	2
16:00	337	305	31	0	1
17:00	252	239	12	0	1
18:00	74	66	7	0	1
19:00	25	23	1	0	1
20:00	23	18	3	0	2
21:00	44	42	1	1	0
22:00	9	9	0	0	0
23:00	5	5	0	0	0
Total					
12H(7-19)	1661	1454	188	4	15
16H(6-22)	1785	1563	197	5	20
18H(6-24)	1799	1577	197	5	20
24H(0-24)	1830	1605	200	5	20
AM Peak	08:00 216	08:00 195	09:00 26	10:00 1	06:00 2
PM Peak	16:00 337	16:00 305	16:00 31	12:00 1	13:00 3

360 TSL Ltd

Direction: Southbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	5	5	0	0	0
01:00	2	2	0	0	0
02:00	2	2	0	0	0
03:00	3	3	0	0	0
04:00	10	6	4	0	0
05:00	68	64	3	0	1
06:00	44	35	8	0	1
07:00	256	232	23	0	1
08:00	287	255	32	0	0
09:00	97	73	20	0	4
10:00	79	58	19	1	1
11:00	100	70	29	0	1
12:00	101	79	21	0	1
13:00	140	118	18	2	2
14:00	131	107	21	2	1
15:00	121	88	30	2	1
16:00	153	135	16	1	1
17:00	195	169	24	0	2
18:00	59	53	6	0	0
19:00	31	28	3	0	0
20:00	28	24	3	0	1
21:00	9	8	0	0	1
22:00	7	4	3	0	0
23:00	3	2	1	0	0
Total					
12H(7-19)	1719	1437	259	8	15
16H(6-22)	1831	1532	273	8	18
18H(6-24)	1841	1538	277	8	18
24H(0-24)	1931	1620	284	8	19
AM Peak	08:00 287	08:00 255	08:00 32	10:00 1	09:00 4
PM Peak	17:00 195	17:00 169	15:00 30	13:00 2	13:00 2

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	12	12	0	0	0
01:00	5	5	0	0	0
02:00	3	3	0	0	0
03:00	8	6	2	0	0
04:00	16	11	5	0	0
05:00	77	73	3	0	1
06:00	76	61	12	0	3
07:00	354	320	32	0	2
08:00	503	450	51	0	2
09:00	185	135	46	0	4
10:00	153	118	32	2	1
11:00	172	128	43	0	1
12:00	209	171	34	1	3
13:00	264	225	31	3	5
14:00	229	194	29	3	3
15:00	241	183	53	2	3
16:00	490	440	47	1	2
17:00	447	408	36	0	3
18:00	133	119	13	0	1
19:00	56	51	4	0	1
20:00	51	42	6	0	3
21:00	53	50	1	1	1
22:00	16	13	3	0	0
23:00	8	7	1	0	0
Total					
12H(7-19)	3380	2891	447	12	30
16H(6-22)	3616	3095	470	13	38
18H(6-24)	3640	3115	474	13	38
24H(0-24)	3761	3225	484	13	39
AM Peak	08:00 503	08:00 450	08:00 51	10:00 2	09:00 4
PM Peak	16:00 490	16:00 440	15:00 53	13:00 3	13:00 5

360 TSL Ltd



# North Wales ATC 20, Ffordd William Morgan

Direction: Northbound

10/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	4	4	0	0	0
01:00	1	1	0	0	0
02:00	0	0	0	0	0
03:00	2	1	1	0	0
04:00	1	1	0	0	0
05:00	7	7	0	0	0
06:00	37	33	2	0	2
07:00	110	96	13	0	1
08:00	224	203	16	0	5
09:00	111	92	19	0	0
10:00	107	89	17	0	1
11:00	91	76	14	0	1
12:00	131	110	18	1	2
13:00	114	101	12	0	1
14:00	122	113	8	0	1
15:00	117	100	15	0	2
16:00	267	241	24	0	2
17:00	240	229	11	0	0
18:00	56	52	2	1	1
19:00	28	23	4	0	1
20:00	17	15	1	0	1
21:00	39	38	1	0	0
22:00	8	8	0	0	0
23:00	10	9	1	0	0
Total					
12H(7-19)	1690	1502	169	2	17
16H(6-22)	1811	1611	177	2	21
18H(6-24)	1829	1628	178	2	21
24H(0-24)	1844	1642	179	2	21
AM Peak	08:00	08:00	09:00	00:00	08:00
	224	203	19	0	5
PM Peak	16:00	16:00	16:00	12:00	12:00
	267	241	24	1	2

360 TSL Ltd

Direction: Southbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	1	0	1	0	0
01:00	1	1	0	0	0
02:00	1	1	0	0	0
03:00	4	3	0	0	1
04:00	5	5	0	0	0
05:00	62	60	1	0	1
06:00	49	42	7	0	0
07:00	244	219	23	0	2
08:00	292	260	28	0	4
09:00	105	89	14	0	2
10:00	86	68	16	0	2
11:00	98	73	23	1	1
12:00	101	88	9	2	2
13:00	121	105	15	0	1
14:00	98	82	11	2	3
15:00	117	102	14	0	1
16:00	190	159	29	1	1
17:00	183	164	17	0	2
18:00	46	41	5	0	0
19:00	20	17	3	0	0
20:00	25	23	2	0	0
21:00	10	10	0	0	0
22:00	4	3	1	0	0
23:00	4	4	0	0	0
Total					
12H(7-19)	1681	1450	204	6	21
16H(6-22)	1785	1542	216	6	21
18H(6-24)	1793	1549	217	6	21
24H(0-24)	1867	1619	219	6	23
AM Peak	08:00	08:00	08:00	11:00	08:00
	292	260	28	1	4
PM Peak	16:00	17:00	16:00	12:00	14:00
	190	164	29	2	3

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	5	4	1	0	0
01:00	2	2	0	0	0
02:00	1	1	0	0	0
03:00	6	4	1	0	1
04:00	6	6	0	0	0
05:00	69	67	1	0	1
06:00	86	75	9	0	2
07:00	354	315	36	0	3
08:00	516	463	44	0	9
09:00	216	181	33	0	2
10:00	193	157	33	0	3
11:00	189	149	37	1	2
12:00	232	198	27	3	4
13:00	235	206	27	0	2
14:00	220	195	19	2	4
15:00	234	202	29	0	3
16:00	457	400	53	1	3
17:00	423	393	28	0	2
18:00	102	93	7	1	1
19:00	48	40	7	0	1
20:00	42	38	3	0	1
21:00	49	48	1	0	0
22:00	12	11	1	0	0
23:00	14	13	1	0	0
Total					
12H(7-19)	3371	2952	373	8	38
16H(6-22)	3596	3153	393	8	42
18H(6-24)	3622	3177	395	8	42
24H(0-24)	3711	3261	398	8	44
AM Peak	08:00	08:00	08:00	11:00	08:00
	516	463	44	1	9
PM Peak	16:00	16:00	16:00	12:00	12:00
	457	400	53	3	4

360 TSL Ltd



# North Wales ATC 20, Ffordd William Morgan

Direction: Northbound

11/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	1	1	0	0	0
01:00	4	3	1	0	0
02:00	3	3	0	0	0
03:00	3	2	1	0	0
04:00	0	0	0	0	0
05:00	5	5	0	0	0
06:00	46	44	1	0	1
07:00	81	65	14	1	1
08:00	227	210	17	0	0
09:00	132	111	21	0	0
10:00	90	76	14	0	0
11:00	127	106	21	0	0
12:00	135	106	27	1	1
13:00	193	167	23	0	3
14:00	181	154	23	2	2
15:00	239	208	28	1	2
16:00	416	390	23	0	3
17:00	357	337	17	1	2
18:00	106	99	6	0	1
19:00	46	39	6	0	1
20:00	29	26	1	0	2
21:00	60	54	4	0	2
22:00	11	8	2	0	1
23:00	17	17	0	0	0
Total					
12H(7-19)	2284	2029	234	6	15
16H(6-22)	2465	2192	246	6	21
18H(6-24)	2493	2217	248	6	22
24H(0-24)	2509	2231	250	6	22
AM Peak	08:00	08:00	09:00	07:00	06:00
	227	210	21	1	1
PM Peak	16:00	16:00	15:00	14:00	13:00
	416	390	28	2	3

360 TSL Ltd

Direction: Southbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	3	2	1	0	0
01:00	2	2	0	0	0
02:00	1	0	1	0	0
03:00	3	2	1	0	0
04:00	7	6	1	0	0
05:00	65	63	1	0	1
06:00	41	38	3	0	0
07:00	250	217	32	0	1
08:00	303	273	29	0	1
09:00	112	94	16	0	2
10:00	109	98	9	0	2
11:00	126	108	16	1	1
12:00	127	99	26	1	1
13:00	160	129	29	0	2
14:00	157	128	25	2	2
15:00	142	121	18	1	2
16:00	161	138	21	0	2
17:00	193	178	14	1	0
18:00	69	62	6	0	1
19:00	21	17	3	0	1
20:00	33	28	3	0	2
21:00	25	16	7	0	2
22:00	12	10	1	0	1
23:00	12	12	0	0	0
Total					
12H(7-19)	1909	1645	241	6	17
16H(6-22)	2029	1744	257	6	22
18H(6-24)	2053	1766	258	6	23
24H(0-24)	2134	1841	263	6	24
AM Peak	08:00	08:00	07:00	11:00	09:00
	303	273	32	1	2
PM Peak	17:00	17:00	13:00	14:00	13:00
	193	178	29	2	2

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	4	3	1	0	0
01:00	6	5	1	0	0
02:00	4	3	1	0	0
03:00	6	4	2	0	0
04:00	7	6	1	0	0
05:00	70	68	1	0	1
06:00	87	82	4	0	1
07:00	331	282	46	1	2
08:00	530	483	46	0	1
09:00	244	205	37	0	2
10:00	199	174	23	0	2
11:00	253	214	37	1	1
12:00	262	205	53	2	2
13:00	353	296	52	0	5
14:00	338	282	48	4	4
15:00	381	329	46	2	4
16:00	577	528	44	0	5
17:00	550	515	31	2	2
18:00	175	161	12	0	2
19:00	67	56	9	0	2
20:00	62	54	4	0	4
21:00	85	70	11	0	4
22:00	23	18	3	0	2
23:00	29	29	0	0	0
Total					
12H(7-19)	4193	3674	475	12	32
16H(6-22)	4494	3936	503	12	43
18H(6-24)	4546	3983	506	12	45
24H(0-24)	4643	4072	513	12	46
AM Peak	08:00	08:00	07:00	07:00	07:00
	530	483	46	1	2
PM Peak	16:00	16:00	12:00	14:00	13:00
	577	528	53	4	5

360 TSL Ltd



North Wales ATC 20, Flordd William Morgan

Direction: Northbound																05/05/2022
Hour	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5-10	Bin 3 10-15	Bin 4 15-20	Bin 5 20-25	Bin 6 25-30	Bin 7 30-35	Bin 8 35-40	Bin 9 40-45	Bin 10 45-50	Bin 11 50-55	Bin 12 >=55
00:00	9	34.0	30.3	3.6	0	0	0	0	0	5	3	1	0	0	0	0
01:00	7	35.0	31.1	3.8	0	0	0	0	0	3	3	1	0	0	0	0
02:00	5	38.8	32.5	6.1	0	0	0	0	0	2	2	0	1	0	0	0
03:00	1	-	27.5	-	0	0	0	0	0	1	0	0	0	0	0	0
04:00	3	32.5	32.5	0.0	0	0	0	0	0	0	3	0	0	0	0	0
05:00	16	29.8	26.3	3.4	0	0	0	0	6	8	7	0	0	0	0	0
06:00	40	32.5	28.0	4.4	0	0	0	2	6	19	12	1	0	0	0	0
07:00	101	30.9	27.3	3.5	0	0	0	1	23	56	21	0	0	0	0	0
08:00	228	30.1	26.6	3.4	0	0	1	6	55	139	27	0	0	0	0	0
09:00	128	30.7	26.9	3.7	0	0	1	3	29	73	22	0	0	0	0	0
10:00	94	30.3	26.4	3.7	0	0	0	2	33	43	16	0	0	0	0	0
11:00	88	29.5	26.4	3.0	0	0	0	2	21	59	6	0	0	0	0	0
12:00	135	30.0	26.5	3.5	0	0	0	3	39	77	15	1	0	0	0	0
13:00	126	30.6	26.8	3.7	0	0	1	2	30	74	18	1	0	0	0	0
14:00	112	30.5	26.0	4.4	0	0	2	8	28	59	14	1	0	0	0	0
15:00	142	31.5	27.2	4.2	0	1	0	3	30	81	24	2	1	0	0	0
16:00	207	31.5	27.9	3.4	0	0	1	2	34	130	25	5	0	0	0	0
17:00	256	31.1	27.7	3.3	0	0	1	1	36	172	43	2	1	0	0	0
18:00	64	30.8	27.0	3.7	0	0	0	2	15	35	12	0	0	0	0	0
19:00	40	32.0	27.8	4.1	0	0	0	1	7	23	7	2	0	0	0	0
20:00	13	31.2	27.9	3.2	0	0	0	0	2	8	3	0	0	0	0	0
21:00	54	31.7	28.1	5.3	0	0	1	3	8	22	16	4	0	0	0	0
22:00	9	33.7	29.2	4.3	0	0	0	0	1	5	2	1	0	0	0	0
23:00	13	33.9	30.6	3.3	0	0	0	0	0	6	6	1	0	0	0	0
Total																
2H(10-12)	182	29.9	26.4	3.4	0	0	0	4	54	102	22	0	0	0	0	0
2H(14-16)	254	31.1	26.7	4.3	0	1	2	11	58	140	38	3	1	0	0	0
12H(7-19)	1741	30.8	27.0	3.8	0	1	7	35	373	1038	273	12	2	0	0	0
24H(0-24)	3951	31.1	27.2	3.8	0	1	8	41	403	1140	332	23	3	0	0	0
AM Peak	08:00	02:00	02:00	02:00	00:00	00:00	08:00	08:00	08:00	08:00	08:00	00:00	02:00	00:00	00:00	00:00
PM Peak	228	38.8	31.5	6.1	0	0	1	6	55	139	27	1	1	0	0	0
	267	33.9	30.6	3.3	0	0	1	2	8	39	172	55	6	1	0	0

360 TSL Ltd

Direction: Southbound																
Hour Beginning	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5-10	Bin 3 10-15	Bin 4 15-20	Bin 5 20-25	Bin 6 25-30	Bin 7 30-35	Bin 8 35-40	Bin 9 40-45	Bin 10 45-50	Bin 11 50-55	Bin 12 >=55
00:00	7	34.4	30.4	3.9	0	0	0	0	0	4	2	1	0	0	0	0
01:00	1	0	37.5	0.0	0	0	0	0	0	0	1	0	0	0	0	0
02:00	3	27.5	27.5	0.0	0	0	0	0	0	3	0	0	0	0	0	0
03:00	3	33.7	29.6	3.9	0	0	0	0	0	1	2	4	0	0	0	0
04:00	63	35.0	29.4	5.4	0	0	2	0	4	33	16	7	0	1	0	0
05:00	44	33.0	29.3	3.6	0	0	0	0	2	28	10	4	0	0	0	0
06:00	231	31.8	28.3	3.3	0	0	1	1	19	156	48	5	1	0	0	0
07:00	283	31.5	27.4	4.4	0	3	1	8	44	168	52	6	1	0	0	0
08:00	113	32.1	27.8	4.1	0	0	0	3	20	62	24	3	1	0	0	0
09:00	97	32.2	27.3	4.3	0	0	2	5	14	53	21	6	1	0	0	0
10:00	91	31.6	26.8	4.5	0	0	1	7	16	47	19	1	0	0	0	0
11:00	122	30.5	25.8	4.6	0	1	3	7	30	65	16	0	0	0	0	0
12:00	155	31.2	27.2	3.9	0	0	1	3	30	72	28	1	0	0	0	0
13:00	131	30.4	26.6	3.6	0	0	1	3	32	78	16	1	0	0	0	0
14:00	152	31.2	27.2	3.7	0	0	0	4	25	75	22	2	0	0	0	0
15:00	169	32.3	28.8	3.4	0	0	0	0	14	105	44	5	1	0	0	0
16:00	185	31.8	27.9	3.7	0	0	0	2	26	112	39	5	0	0	0	0
17:00	87	33.2	28.8	4.2	0	0	0	1	11	47	20	8	0	0	0	0
18:00	46	33.5	29.1	4.2	0	0	0	1	4	24	13	4	0	0	0	0
19:00	30	31.9	28.7	3.1	0	0	0	0	0	17	10	0	0	0	0	0
20:00	17	34.4	29.0	5.2	0	0	0	0	5	4	6	2	0	0	0	0
21:00	6	28.8	26.7	3.0	0	0	0	0	0	1	5	0	0	0	0	0
22:00	4	33.7	27.5	4.3	0	0	0	0	1	2	1	0	0	0	0	0
Total																
2H(10-12)	188	31.9	27.1	4.6	0	0	3	12	30	100	40	2	1	0	0	0
2H(14-16)	262	30.7	26.9	3.7	0	0	1	7	17	156	38	3	0	0	0	0
12H(7-19)	1775	31.8	27.6	4.1	0	4	11	44	281	1043	349	38	5	0	0	0
24H(0-24)	3056	32.0	27.7	4.1	0	4	13	45	302	1168	411	57	6	1	0	0
AM Peak	08:00	05:00	05:00	05:00	00:00	08:00	05:00	08:00	08:00	08:00	08:00	05:00	07:00	05:00	00:00	00:00
PM Peak	281	35.0	31.6	3.4	0	3	2	8	49	168	52	7	1	1	0	0
	185	34.4	29.1	5.2	0	0	1	3	7	32	112	44	8	1	0	0

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Direction: Total Flow																
Hour Beginning	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5-10	Bin 3 10-15	Bin 4 15-20	Bin 5 20-25	Bin 6 25-30	Bin 7 30-35	Bin 8 35-40	Bin 9 40-45	Bin 10 45-50	Bin 11 50-55	Bin 12 >=55
00:00	16	34.1	30.3	3.6	0	0	0	0	0	9	5	2	0	0	0	0
01:00	8	38.2	31.9	4.2	0	0	0	0	0	5	3	0	0	0	0	0
02:00	8	36.1	30.6	5.3	0	0	0	0	0	0	5	2	0	0	0	0
03:00	4	27.5	27.5	0.0	0	0	0	0	0	4	0	0	0	0	0	0
04:00	10	34.1	30.5	3.5	0	0	0	0	1	2	7	0	0	0	0	0
05:00	79	34.2	28.8	5.2	0	0	2	0	10	41	18	7	0	1	0	0
06:00	84	32.8	28.7	4.0	0	0	0	2	0	47	22	5	0	0	0	0
07:00	332	31.5	28.0	3.4	0	0	1	2	42	212	69	5	1	0	0	0
08:00	511	31.2	27.0	4.0	0	3	2	14	99	307	79	6	1	0	0	0
09:00	241	31.4	27.3	3.9	0	0	1	6	136	46	3	1	0	0	0	0
10:00	191	31.3	26.8	4.3	0	0	2	7	47	96	37	1	1	0	0	0
11:00	179	30.6	26.6	3.9	0	0	1	9	37	106	25	1	0	0	0	0
12:00	257	30.4	26.2	4.1	0	1	3	10	69	142	31	1	0	0	0	0
13:00	261	30.9	27.0	3.8	0	0	3	5	60	146	46	2	0	0	0	0
14:00	243	30.5	26.3	4.0	0	0	3	11	60	137	30	2	0	0	0	0
15:00	273	31.3	27.2	3.9	0	1	0	7	55	159	46	4	1	0	0	0
16:00	486	31.8	28.3	3.4	0	0	1	2	48	275	99	10	0	0	0	0
17:00	441	31.4	27.8	3.5	0	0	2	3	62	284	82	7	1	0	0	0
18:00	151	32.3	28.0	4.1	0	0	0	3	26	82	33	6	0	0	0	0
19:00	86	32.8	28.5	4.2	0	0	0	2	11	47	20	6	0	0	0	0
20:00	43	33.7	28.4	3.1	0	0	0	0	5	25	11	0	0	0	0	0
21:00	71	33.8	28.3	5.3	0	0	1	3	13	26	22	4	0	0	0	0
22:00	15	33.0	28.2	3.7	0	0	0	0	2	10	2	1	0	0	0	0
23:00	17	33.6	29.9	3.6	0	0	0	0	1	8	7	1	0	0	0	0
Total																
2H(10-12)	370	31.0	26.7	4.1	0	0	3	16	84	202	62	2	1	0	0	0
2H(14-16)	516	30.9	26.8	4.0	0	1	3	18	115	296	76	6	1	0	0	0
12H(7-19)	3516	31.1	27.3	3.9	0	5	18	79	654	2081	622	50	7	0	0	0
24H(0-24)	3657	31.6	27.5	3.9	0	5	21	86	705	2308	743	80	8	1	0	0
Avg Peak	68.00	11.00	61.00	20.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
95th Peak	141	33.8	29.9	5.3	0	3	3	31	69	284	99	30	1	0	0	0
90th Peak	110	31.00	27.00	4.00	0.00	12.00	12.00	12.00	12.00	17.00	68.00	10.00	13.00	13.00	12.00	12.00



## North Wales ATC 20, Ffordd William Morgan

Direction: Northbound

[illegible]

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Direction: Southbound

[illegible]

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Direction: Total Flow

Hour	Total	With Peak	Mean	Standard Dev	Bin 1	Bin 2	Bin 3	Bin 4	Bin 5	Bin 6	Bin 7	Bin 8	Bin 9	Bin 10	Bin 11	Bin 12	
AgeGroup					1-10	10-15	15-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60+	
0:00	1	1	1	0.1	0.1	0	0	0	0	0	0	0	0	0	0	0	
0:05	6	26.5	25.8	2.6	0	0	0	0	2	4	0	0	0	0	0	0	
0:10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
0:15	8	32.4	28.8	3.1	0	0	0	0	1	4	0	0	0	0	0	0	
0:20	11	32.2	27.5	4.6	0	0	0	0	5	3	1	0	0	0	0	0	
0:25	9	34.4	27.9	5.5	0	0	0	0	0	0	0	0	0	0	0	0	
0:30	99	34.3	29.6	4.5	0	0	0	1	9	50	28	10	1	0	0	0	
0:35	10	34.4	27.8	3.4	0	0	0	0	0	0	0	0	0	0	0	0	
0:40	447	31.2	27.8	3.3	0	0	1	2	64	297	76	5	3	0	0	0	
0:45	119	31.9	27.7	4.1	0	0	0	0	0	0	0	0	0	0	0	0	
0:50	198	31.7	27.0	4.5	0	1	1	7	44	105	34	5	1	0	0	0	
1:00	224	30.8	27.1	4.1	0	0	0	1	3	45	146	32	3	0	0	0	
1:05	220	30.7	26.4	3.3	0	0	0	0	0	0	0	0	0	0	0	0	
1:10	288	30.9	26.7	4.1	0	0	3	8	71	160	43	4	1	0	0	0	
1:15	218	31.8	27.5	4.5	0	0	0	0	0	0	0	0	0	0	0	0	
1:20	256	31.2	27.7	3.5	0	0	0	0	1	47	157	46	4	1	0	0	
1:25	319	31.9	27.8	3.5	0	0	0	0	0	0	0	0	0	0	0	0	
1:30	176	31.4	27.8	3.5	0	0	0	0	0	48	170	45	6	2	0	0	
1:35	302	31.4	28.1	4.2	0	1	0	2	11	60	25	3	0	0	0	0	
1:40	4	33.8	28.1	4.5	0	0	0	0	0	0	0	0	0	0	0	0	
1:45	51	33.6	29.3	4.2	0	0	1	0	2	28	18	1	1	0	0	0	
1:50	20	34.1	27.5	3.5	0	0	0	0	0	0	0	0	0	0	0	0	
1:55	13	31.3	27.2	4.0	0	0	0	0	0	4	9	1	1	0	0	0	
2:00	11	31.6	26.0	5.4	0	0	0	0	0	2	4	1	0	1	0	0	
Total																	
2024-12-12	422	31.2	27.1	4.0	0	1	1	7	10	89	245	66	8	1	0	0	
2024-12-13	480	31.5	27.6	3.8	0	1	0	4	96	280	67	10	1	1	0	0	
2024-12-14	426	31.7	27.6	3.8	0	0	0	0	0	0	0	0	0	0	0	0	
2024-12-15	3629	31.6	27.6	3.9	0	5	11	48	675	2131	652	82	13	2	0	0	
PM Peak					00:00	05:00	05:00	10:00	10:00	10:00	12:00	16:00	16:00	17:00	14:00	00:00	00:00
PM Peak	447	34.3	29.6	5.1	0	2	1	7	64	297	76	35	3	1	0	0	
	12:00				12:00	14:00	13:00	12:00	12:00	12:00	16:00	16:00	16:00	17:00	14:00	12:00	12:00

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Direction: Northbound

360 TSL Ltd

Direction: Southbound

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Direction: Total Flow

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North Wales ATC 20, Flordd William Morgan

Direction: Northbound															
08/05/2022															
Hour Beginning	Total Volume	ESD Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5-10	Bin 3 10-15	Bin 4 15-20	Bin 5 20-25	Bin 6 25-30	Bin 7 30-35	Bin 8 35-40	Bin 9 40-45	Bin 10 45-50	Bin 11 50-55
00:00	6	30.4	26.5	2.0	0	0	0	0	0	0	0	0	0	0	0
01:00	1	-	47.5	-	0	0	0	0	0	0	0	0	0	1	0
02:00	1	-	27.5	-	0	0	0	0	0	0	1	0	0	0	0
03:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0
04:00	3	42.7	37.5	5.0	0	0	0	0	0	0	1	1	1	0	0
05:00	5	28.3	25.5	2.7	0	0	0	0	2	3	0	0	0	0	0
06:00	10	31.9	26.5	5.2	0	0	0	1	3	3	3	0	0	0	0
07:00	17	34.4	26.6	4.7	0	0	0	0	0	1	1	1	1	0	0
08:00	15	33.4	26.5	4.7	0	0	0	0	2	10	2	0	1	0	0
09:00	15	31.6	25.8	5.0	0	0	1	4	7	17	6	0	0	0	0
10:00	54	31.7	27.3	4.2	0	0	0	1	14	27	11	0	1	0	0
11:00	55	30.5	26.0	4.3	0	0	0	6	11	32	5	1	0	0	0
12:00	54	30.9	26.6	4.1	0	0	1	7	12	30	9	0	0	0	0
13:00	47	31.3	27.2	4.0	0	0	0	1	11	27	6	2	0	0	0
14:00	33	31.3	27.2	3.9	0	0	0	0	10	16	6	1	0	0	0
15:00	42	32.7	27.0	5.5	0	0	1	3	6	25	5	0	2	0	0
16:00	41	31.2	26.0	5.1	0	0	0	0	6	25	10	0	0	0	0
17:00	32	31.0	27.5	3.4	0	0	0	0	6	21	4	1	0	0	0
18:00	27	32.8	26.6	4.0	0	0	0	0	5	12	9	1	0	0	0
19:00	18	35.1	26.4	5.5	0	0	0	1	1	9	5	1	1	0	0
20:00	9	32.1	26.6	3.3	0	0	0	0	1	5	3	0	0	0	0
21:00	6	32.2	27.5	5.5	0	0	0	1	0	3	2	0	0	0	0
22:00	10	43.5	34.0	9.1	0	0	0	0	0	5	2	1	0	1	0
23:00	3	42.2	35.2	2.9	0	0	0	0	0	0	0	2	1	0	0
Total															
2H(10-12)	109	31.1	26.7	4.3	0	0	0	7	25	59	16	1	1	0	0
2H(14-16)	75	32.1	27.1	4.8	0	0	1	3	16	41	11	1	2	0	0
12H(7-19)	432	31.6	27.2	4.3	0	0	3	17	95	253	76	7	5	0	0
24H(0-24)	524	31.5	27.6	4.8	0	0	3	20	98	287	93	12	8	2	1
AM Peak	11:00	04:00	01:00	06:00	00:00	00:00	09:00	11:00	10:00	11:00	10:00	04:00	04:00	01:00	00:00
	55	42.7	47.5	5.2	0	0	1	6	14	32	11	1	1	1	0
PM Peak	12:00	22:00	23:00	22:00	12:00	12:00	12:00	15:00	12:00	12:00	16:00	13:00	15:00	22:00	12:00
	54	43.5	35.2	9.1	0	0	1	3	12	30	10	2	2	1	1

360 TSL Ltd

Direction: Southbound															
Hour Beginning	Total Volume	ESD Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5-10	Bin 3 10-15	Bin 4 15-20	Bin 5 20-25	Bin 6 25-30	Bin 7 30-35	Bin 8 35-40	Bin 9 40-45	Bin 10 45-50	Bin 11 50-55
00:00	2	33.7	30.0	3.5	0	0	0	0	0	1	1	0	0	0	0
01:00	1	1	27.5	0	0	0	0	0	0	1	0	0	0	0	0
02:00	3	32.2	29.2	2.9	0	0	0	0	0	2	1	0	0	0	0
03:00	3	32.5	32.5	0.0	0	0	0	0	0	0	1	0	0	0	0
04:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0
05:00	4	36.7	30.0	6.5	0	0	0	0	1	3	1	1	0	0	0
06:00	21	33.8	30.8	2.9	0	0	0	0	0	8	12	1	0	0	0
07:00	19	39.7	33.6	5.9	0	0	0	0	1	4	7	5	1	1	0
08:00	18	35.3	28.3	6.7	0	1	0	0	0	2	8	5	2	0	0
09:00	29	33.4	27.3	5.9	0	0	1	2	6	10	8	2	0	0	0
10:00	46	34.0	27.5	6.2	0	1	1	7	8	19	12	2	0	0	0
11:00	54	34.1	26.8	5.2	0	0	0	3	6	26	13	5	1	0	0
12:00	48	31.2	26.5	4.6	0	0	0	5	9	27	5	2	0	0	0
13:00	40	32.0	26.6	5.2	0	1	1	1	8	23	8	0	0	0	0
14:00	44	30.5	26.6	3.8	0	0	0	0	14	26	3	0	1	0	0
15:00	49	31.3	26.6	4.5	0	0	1	2	15	22	11	0	0	0	0
16:00	60	34.1	28.7	5.2	0	0	0	2	12	24	15	6	1	0	0
17:00	60	31.4	28.9	2.0	0	0	0	0	6	40	11	1	0	0	0
18:00	35	34.4	29.8	4.4	0	0	0	0	3	18	10	3	1	0	0
19:00	21	31.2	28.2	2.9	0	0	0	0	2	14	5	0	0	0	0
20:00	15	33.7	28.8	3.7	0	0	0	0	0	10	2	0	0	0	0
21:00	11	35.1	30.2	4.7	0	0	0	0	1	5	3	2	0	0	0
22:00	5	39.9	30.5	6.1	0	0	0	0	0	1	1	0	1	0	0
23:00	1		37.5		0	0	0	0	0	0	0	1	0	0	0
Total															
2H(10-12)	100	34.1	28.2	5.7	0	1	1	5	14	45	25	7	2	0	0
2H(14-16)	93	30.9	26.6	4.2	0	0	1	2	27	48	14	0	1	0	0
12H(7-19)	502	33.2	27.9	5.1	0	3	4	17	86	247	130	28	6	1	0
24H(0-24)	588	33.4	28.2	5.0	0	3	4	17	92	290	138	36	7	1	0
AM Peak	11:00	07:00	07:00	08:00	00:00	08:00	09:00	11:00	10:00	11:00	11:00	07:00	07:00	07:00	00:00
	54	39.7	33.6	5.9	0	1	2	6	10	18	13	5	1	1	0
PM Peak	12:00	22:00	23:00	22:00	12:00	13:00	13:00	12:00	14:00	17:00	16:00	16:00	14:00	12:00	12:00
	60	39.9	37.5	9.1	0	1	1	5	16	49	15	6	1	0	0

360 TSL Ltd

Direction: Total Flow																
Hour Beginning	Total Volume	ESD Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5-10	Bin 3 10-15	Bin 4 15-20	Bin 5 20-25	Bin 6 25-30	Bin 7 30-35	Bin 8 35-40	Bin 9 40-45	Bin 10 45-50	Bin 11 50-55	Bin 12 >55
00:00	8	31.1	26.8	2.3	0	0	0	0	0	4	2	0	0	0	0	0
01:00	2	52.2	37.5	14.1	0	0	0	0	0	1	0	0	0	0	1	0
02:00	4	31.3	28.8	2.5	0	0	0	0	0	3	1	0	0	0	0	0
03:00	2	32.5	32.5	0.0	0	0	0	0	0	0	2	0	0	0	0	0
04:00	3	42.7	37.5	5.0	0	0	0	0	0	0	1	1	1	0	0	0
05:00	9	32.7	27.5	5.0	0	0	0	0	3	4	1	1	0	0	0	0
06:00	31	33.9	29.4	4.2	0	0	0	1	3	11	15	1	0	0	0	0
07:00	36	37.5	31.7	5.7	0	0	0	0	2	15	10	6	2	1	0	0
08:00	33	34.4	28.4	5.8	0	1	0	0	4	18	7	2	1	0	0	0
09:00	64	32.1	26.5	5.4	0	0	2	6	11	27	14	2	0	0	0	0
10:00	100	32.8	27.4	5.2	0	1	1	3	22	46	23	2	2	0	0	0
11:00	109	31.5	27.4	4.9	0	0	0	9	17	58	28	6	1	0	0	0
12:00	102	31.0	26.5	4.3	0	0	1	7	21	57	14	2	0	0	0	0
13:00	87	31.6	26.9	4.5	0	1	1	2	17	30	14	2	0	0	0	0
14:00	77	30.8	26.9	3.8	0	0	0	0	24	42	9	1	1	0	0	0
15:00	91	31.9	26.8	5.0	0	0	2	5	19	47	16	0	2	0	0	0
16:00	101	33.0	28.4	4.5	0	0	0	2	18	49	25	6	1	0	0	0
17:00	92	31.3	28.0	3.2	0	0	0	0	12	61	17	2	0	0	0	0
18:00	62	33.7	29.3	4.3	0	0	0	0	8	39	19	4	1	0	0	0
19:00	39	33.2	28.8	4.2	0	0	0	1	3	23	10	1	1	0	0	0
20:00	24	33.1	29.4	3.6	0	0	0	0	1	15	6	2	0	0	0	0
21:00	17	34.4	29.3	5.0	0	0	0	1	1	8	5	2	0	0	0	0
22:00	15	42.1	32.8	9.0	0	0	0	0	2	6	2	2	1	1	1	0
23:00	4	43.3	38.8	2.5	0	0	0	0	0	0	0	3	1	0	0	0
Total																
2H(10-12)	209	32.6	27.4	5.0	0	1	1	12	39	104	41	8	3	0	0	0
2H(14-16)	168	31.5	26.8	4.5	0	0	2	5	43	89	25	6	1	0	0	0
12H(7-19)	954	32.5	27.6	4.8	0	3	7	34	177	500	186	35	11	1	0	0
24H(0-24)	1112	33.0	27.9	4.9	0	3	7	37	190	577	231	48	15	3	1	0
AM Peak	11:00	01:00	01:00	01:00	00:00	08:00	09:00	11:00	10:00	11:00	07:00	07:00	01:00	00:00	00:00	
	100	25.5	18.4						43							
PM Peak	17:00	22:00	73:05	22:05	12:00	13:00	11:00	12:00	14:00	17:00	16:00	16:00	11:00	22:00	22:00	12:00
	107	42.1	38.8	10	0	1	2	7	24	65	25	6	2	1		



North Wales ATC 20, Flordd William Morgan

Direction: Northbound																09/05/2022
Hour	Total Volume	ECN Percentage	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5-10	Bin 3 10-15	Bin 4 15-20	Bin 5 20-25	Bin 6 25-30	Bin 7 30-35	Bin 8 35-40	Bin 9 40-45	Bin 10 45-50	Bin 11 50-55	Bin 12 >=55
00:00	7	26.1	25.4	2.7	0	0	0	0	0	3	4	0	0	0	0	0
01:00	3	32.2	29.2	2.9	0	0	0	0	0	0	2	1	0	0	0	0
02:00	1	1	27.5	1	0	0	0	0	0	1	0	0	0	0	0	0
03:00	5	28.8	26.5	2.2	0	0	0	0	0	1	4	0	0	0	0	0
04:00	6	40.0	31.7	8.0	0	0	0	0	0	4	1	0	0	1	0	0
05:00	9	33.5	29.7	2.6	0	0	0	0	0	5	4	0	0	0	0	0
06:00	32	32.9	28.3	4.4	0	0	0	0	0	8	13	9	2	0	0	0
07:00	68	30.9	27.2	3.6	0	0	0	0	1	16	66	10	3	0	0	0
08:00	216	30.0	26.7	3.2	0	0	0	0	2	60	126	28	0	0	0	0
09:00	68	30.3	26.6	3.6	0	0	1	0	0	25	55	10	1	0	0	0
10:00	74	30.6	26.4	4.0	0	0	2	2	15	46	9	0	0	0	0	0
11:00	72	30.2	26.3	3.8	0	0	0	2	25	35	9	1	0	0	0	0
12:00	208	29.8	26.0	3.6	0	0	0	3	39	54	11	1	1	0	0	0
13:00	124	30.4	26.6	3.6	0	0	0	2	35	73	12	1	0	0	0	0
14:00	98	29.9	26.0	3.7	0	0	1	3	31	52	11	0	0	0	0	0
15:00	120	30.4	27.0	3.4	0	0	0	1	0	28	73	18	0	0	0	0
16:00	137	31.0	27.7	4.2	0	0	0	0	1	32	226	51	6	0	0	0
17:00	252	30.9	27.9	3.0	0	0	0	0	1	31	171	47	2	0	0	0
18:00	74	31.1	26.9	4.1	0	0	0	0	4	16	40	13	1	0	0	0
19:00	25	32.1	28.1	3.9	0	0	0	0	0	4	16	3	2	0	0	0
20:00	23	31.7	27.7	3.8	0	0	0	0	0	5	13	4	1	0	0	0
21:00	44	32.8	28.8	3.9	0	0	0	0	0	7	21	14	2	0	0	0
22:00	9	29.8	28.1	1.7	0	0	0	0	0	0	8	1	0	0	0	0
23:00	5	37.2	27.5	9.4	0	0	1	0	0	0	2	1	1	0	0	0
Total	146	30.4	26.3	3.9	0	0	2	4	40	81	18	1	0	0	0	0
2H(14-16)	218	30.2	26.5	3.6	0	0	2	3	59	125	29	0	0	0	0	0
12H(7-19)	1661	30.6	27.0	3.5	0	0	5	23	373	1033	239	36	2	0	0	0
24H(0-24)	1830	30.8	27.1	3.6	0	0	6	23	401	1156	267	34	2	1	0	0
AM Peak	08:00	04:00	04:00	04:00	00:00	00:00	10:00	07:00	08:00	08:00	08:00	07:00	00:00	04:00	00:00	00:00
	216	40.8	31.7	8.0	0	0	2	3	60	126	28	3	0	1	0	0
PM Peak	16:00	23:00	21:00	23:00	12:00	12:00	14:00	18:00	16:00	16:00	16:00	16:00	13:00	12:00	12:00	12:00
	337	37.2	28.8	9.4	0	0	1	4	32	226	51	6	1	0	0	0

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Direction: Southbound																
Hour Beginning	Total Volume	ECN Percentage	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5-10	Bin 3 10-15	Bin 4 15-20	Bin 5 20-25	Bin 6 25-30	Bin 7 30-35	Bin 8 35-40	Bin 9 40-45	Bin 10 45-50	Bin 11 50-55	Bin 12 >=55
00:00	5	40.3	33.5	6.5	0	0	0	0	0	2	1	1	1	0	0	0
01:00	2	33.7	30.0	3.5	0	0	0	0	0	1	0	1	0	0	0	0
02:00	2	27.5	27.5	0.0	0	0	0	0	0	2	0	0	0	0	0	0
03:00	3	27.5	27.5	0.0	0	0	0	0	0	1	0	0	0	0	0	0
04:00	10	35.6	31.5	3.9	0	0	0	0	0	4	4	2	0	0	0	0
05:00	48	33.3	28.9	4.2	0	0	1	0	8	32	24	3	0	0	0	0
06:00	44	35.8	30.1	5.4	0	1	0	0	1	22	13	6	1	0	0	0
07:00	256	31.0	27.6	3.2	0	0	0	1	43	166	44	4	0	0	0	0
08:00	287	31.4	27.8	3.4	0	0	0	2	44	180	54	7	0	0	0	0
09:00	97	31.7	27.7	3.8	0	0	0	0	23	50	21	3	0	0	0	0
10:00	79	32.2	26.8	5.2	0	1	4	22	34	13	5	0	0	0	0	0
11:00	100	31.4	26.9	4.4	0	1	2	24	58	12	2	1	0	0	0	0
12:00	101	30.5	26.3	4.1	0	0	1	4	30	49	17	0	0	0	0	0
13:00	140	30.8	26.8	3.9	0	0	1	7	35	84	13	5	0	0	0	0
14:00	131	31.8	27.6	4.1	0	0	0	5	24	69	30	3	0	0	0	0
15:00	122	30.6	26.4	4.1	0	0	0	7	35	58	20	1	0	0	0	0
16:00	153	31.9	27.9	3.8	0	0	2	0	25	85	39	2	0	0	0	0
17:00	195	31.9	28.7	3.1	0	0	0	0	15	126	51	3	0	0	0	0
18:00	59	33.8	28.3	5.3	0	0	1	7	9	28	15	2	2	0	0	0
19:00	31	33.1	28.0	4.9	0	0	0	3	2	17	7	2	0	0	0	0
20:00	28	33.8	28.5	4.2	0	0	0	1	2	11	13	1	0	0	0	0
21:00	9	31.2	28.1	3.0	0	0	0	0	1	6	2	0	0	0	0	0
22:00	7	33.9	28.9	4.8	0	0	0	0	4	1	1	1	0	0	0	0
23:00	3	40.0	26.2	15.3	0	1	0	0	0	1	0	1	0	0	0	0
Total	179	31.8	26.8	4.8	0	2	0	6	46	92	25	7	1	0	0	0
2H(14-16)	252	31.3	27.0	4.1	0	0	0	13	59	127	50	4	0	0	0	0
12H(7-19)	1719	31.5	27.5	3.9	0	2	5	29	329	984	329	37	4	0	0	0
24H(0-24)	1931	31.9	27.7	4.0	0	4	6	33	344	1089	395	54	6	0	0	0
AM Peak	08:00	00:00	00:00	00:00	00:00	06:00	05:00	10:00	08:00	08:00	08:00	08:00	00:00	00:00	00:00	00:00
	287	40.3	33.5	6.5	0	1	1	4	49	180	54	7	1	0	0	0
PM Peak	17:00	23:00	20:00	23:00	12:00	23:00	16:00	15:00	13:00	17:00	17:00	13:00	18:00	12:00	12:00	12:00
	195	40.0	29.5	15.3	0	1	2	7	35	126	51	6	2	0	0	0

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Direction: Total Flow																
Hour Beginning	Total Volume	ECN Percentage	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5-10	Bin 3 10-15	Bin 4 15-20	Bin 5 20-25	Bin 6 25-30	Bin 7 30-35	Bin 8 35-40	Bin 9 40-45	Bin 10 45-50	Bin 11 50-55	Bin 12 >=55
00:00	12	31.0	28.8	6.1	0	0	0	0	3	6	1	1	1	0	0	0
01:00	5	32.3	29.5	2.7	0	0	0	0	0	3	2	0	0	0	0	0
02:00	3	27.5	27.5	0.0	0	0	0	0	0	3	0	0	0	0	0	0
03:00	8	28.7	26.9	1.8	0	0	0	0	0	1	7	0	0	0	0	0
04:00	16	37.3	31.6	5.5	0	0	0	0	0	1	5	2	0	0	1	0
05:00	77	33.2	29.0	4.1	0	0	1	0	8	37	28	3	0	0	0	0
06:00	76	34.6	29.3	5.1	0	1	0	0	9	35	22	6	0	0	0	0
07:00	104	31.0	27.5	3.3	0	0	0	4	59	230	54	7	0	0	0	0
08:00	503	30.8	27.3	3.4	0	0	0	4	104	306	82	7	0	0	0	0
09:00	185	31.1	27.2	3.7	0	0	1	0	48	191	31	4	0	0	0	0
10:00	153	31.5	26.6	4.7	0	1	2	6	37	80	22	5	0	0	0	0
11:00	172	30.9	26.6	4.1	0	1	0	4	40	93	21	3	1	0	0	0
12:00	209	30.1	26.2	3.8	0	0	1	7	69	103	28	1	0	0	0	0
13:00	248	30.5	26.7	2.7	0	0	1	4	70	157	25	6	0	0	0	0
14:00	229	31.1	26.9	4.0	0	0	1	15	111	121	41	3	0	0	0	0
15:00	241	30.6	26.7	3.8	0	0	1	7	63	131	38	1	0	0	0	0
16:00	490	31.3	27.7	3.4	0	0	2	1	77	311	90	8	1	0	0	0
17:00	447	31.4	28.2	3.1	0	0	0	1	46	296	98	5	1	0	0	0
18:00	133	32.4	27.5	4.7	0	0	1	6	25	68	28	3	0	0	0	0
19:00	56	32.6	28.0	4.4	0	0	0	3	6	33	10	4	0	0	0	0
20:00	51	32.9	28.7	4.1	0	0	0	1	7	24	17	2	0	0	0	0
21:00	51	32.5	28.6	3.8	0	0	0	0	8	27	16	2	0	0	0	0
22:00	16	31.8	28.4	3.3	0	0	0	0	1	12	2	1	0	0	0	0
23:00	8	37.6	29.1	10.9	0	1	1	0	0	3	1	2	0	0	0	0
Total	325	31.2	26.6	4.4	0	2	2	10	86	173	43	8	1	0	0	0
2015-10-10	470	30.8	26.8	3.9	0	0	2	15	118	232	79	4	0	0	0	0
2015-10-11	180	31.1	27.3	3.7	0	2	10	52	702	1097	558	53	4	0	0	0
2015-10-12	3761	31.4	27.4	3.8	0	4	12	56	745	2195	662	78	8	1	0	0
AM Peak	18:00	14:00	14:00	00:00	00:00	06:00	10:00	10:00	08:00	08:00	06:00	00:00	04:00	00:00	00:00	00:00
	501	39.3	31.6	6.1	0	1	2	6	104	301	86	18	1	1	0	0
PM Peak	16:00	23:00	20:00	22:00	12:00	12:00	16:00	14:00	16:00	17:00	18:00	18:00	18:00	12:00	12:00	12:00
	374	37.4	28.7	4.8	0	1	6	14	104	311	86	8	1	1	0	0



North Wales ATC 20, Flordd William Morgan

Direction: Northbound															
10/05/2022															
Hour Beginning	Total Volume	ESD Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5-10	Bin 3 10-15	Bin 4 15-20	Bin 5 20-25	Bin 6 25-30	Bin 7 30-35	Bin 8 35-40	Bin 9 40-45	Bin 10 45-50	Bin 11 50-55
00:00	4	27.5	27.5	0.0	0	0	0	0	0	0	0	0	0	0	0
01:00	1	-	27.5	-	0	0	0	0	0	1	0	0	0	0	0
02:00	0	0	-	0	0	0	0	0	0	0	0	0	0	0	0
03:00	2	28.7	25.0	3.5	0	0	0	0	0	1	1	0	0	0	0
04:00	1	-	27.5	-	0	0	0	0	0	1	0	0	0	0	0
05:00	7	33.1	30.4	2.7	0	0	0	0	0	3	4	0	0	0	0
06:00	37	31.8	28.6	3.1	0	0	0	0	4	21	12	0	0	0	0
07:00	110	30.7	27.3	3.3	0	0	0	1	22	69	17	1	0	0	0
08:00	224	30.9	27.7	3.2	0	0	0	3	29	153	36	3	0	0	0
09:00	111	30.1	26.8	3.2	0	1	1	22	75	12	0	0	0	0	0
10:00	107	31.0	26.6	4.3	0	0	1	5	26	58	14	3	0	0	0
11:00	91	30.3	26.1	4.0	0	0	0	5	29	44	12	1	0	0	0
12:00	131	29.9	25.8	3.9	0	0	0	4	51	64	11	0	0	1	0
13:00	114	30.1	26.6	3.4	0	0	0	4	26	72	11	1	0	0	0
14:00	122	30.7	26.8	3.8	0	0	0	1	40	57	23	1	0	0	0
15:00	117	31.2	27.4	3.7	0	0	0	1	27	65	23	0	1	0	0
16:00	207	31.2	27.8	3.5	0	0	0	3	39	167	55	3	0	0	0
17:00	240	31.2	28.0	3.0	0	0	0	0	32	152	55	1	0	0	0
18:00	56	31.5	27.9	3.5	0	0	0	0	9	35	10	2	0	0	0
19:00	28	31.6	28.2	3.3	0	0	0	0	4	16	8	0	0	0	0
20:00	17	30.4	26.6	3.6	0	0	0	0	6	8	3	0	0	0	0
21:00	19	32.8	28.4	4.3	0	0	0	0	8	13	9	3	0	0	0
22:00	8	32.4	28.8	3.5	0	0	0	0	1	4	3	0	0	0	0
23:00	10	23.6	28.0	1.6	0	0	0	0	0	8	1	0	0	0	0
Total	198	30.7	26.4	4.2	0	0	1	10	55	102	26	4	0	0	0
2H(14-16)	239	30.9	27.1	3.7	0	0	0	2	67	122	46	1	1	0	0
12H(7-19)	1680	30.9	27.2	3.5	0	0	2	28	352	1031	239	36	1	1	0
24H(0-24)	1844	31.0	27.3	3.5	0	0	2	28	376	1038	319	39	1	1	0
AM Peak	08:00	01:00	03:00	10:00	00:00	00:00	09:00	10:00	08:00	08:00	08:00	08:00	00:00	00:00	00:00
	224	33.1	30.4	4.3	0	0	1	5	29	153	36	3	0	0	0
PM Peak	16:00	21:00	22:00	21:00	12:00	12:00	12:00	12:00	12:00	16:00	16:00	16:00	15:00	12:00	12:00
	267	32.8	28.8	4.3	0	0	0	4	31	167	55	3	1	1	0

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Direction: Southbound															
Hour Beginning	Total Volume	ESD Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5-10	Bin 3 10-15	Bin 4 15-20	Bin 5 20-25	Bin 6 25-30	Bin 7 30-35	Bin 8 35-40	Bin 9 40-45	Bin 10 45-50	Bin 11 50-55
00:00	1	-	32.5	-	0	0	0	0	0	0	1	0	0	0	0
01:00	1	-	32.5	-	0	0	0	0	0	0	1	0	0	0	0
02:00	1	-	27.5	-	0	0	0	0	0	1	0	0	0	0	0
03:00	4	30.2	30.0	5.0	0	0	0	0	0	1	0	0	0	0	0
04:00	5	33.3	30.5	2.7	0	0	0	0	0	2	3	0	0	0	0
05:00	62	33.9	28.8	5.0	0	0	0	2	5	33	14	7	0	0	0
06:00	49	32.2	28.7	3.3	0	0	0	4	31	12	2	0	0	0	0
07:00	244	31.6	28.2	3.3	0	0	1	3	20	164	51	5	0	0	0
08:00	292	31.3	28.1	3.1	0	0	1	31	202	51	6	1	0	0	0
09:00	105	32.3	28.3	3.9	0	0	0	4	9	63	25	4	0	0	0
10:00	86	31.5	27.6	3.8	0	0	0	1	19	44	21	1	0	0	0
11:00	98	31.9	26.8	4.3	0	0	1	4	23	51	18	0	1	0	0
12:00	101	32.0	27.1	4.7	0	0	0	1	29	58	10	0	0	3	0
13:00	121	30.4	26.2	4.0	0	0	1	6	34	62	18	0	0	0	0
14:00	98	31.5	27.3	4.0	0	0	0	2	24	49	21	2	0	0	0
15:00	117	32.7	28.0	3.6	0	0	0	0	22	63	30	2	0	0	0
16:00	190	31.8	27.9	3.7	0	0	2	0	25	122	34	7	0	0	0
17:00	183	32.7	28.8	3.8	0	0	0	2	20	99	56	4	1	0	0
18:00	46	34.8	30.2	4.4	0	0	0	0	5	17	19	4	1	0	0
19:00	20	31.6	27.5	4.0	0	0	0	0	5	11	3	1	0	0	0
20:00	25	36.0	31.1	4.7	0	0	0	0	0	8	11	3	1	0	0
21:00	10	32.6	28.5	3.9	0	0	0	0	2	4	4	0	0	0	0
22:00	4	37.8	31.3	6.3	0	0	0	0	1	1	1	1	0	0	0
23:00	4	28.0	25.0	2.9	0	0	0	0	2	2	0	0	0	0	0
Total	184	31.4	27.2	4.1	0	0	1	5	42	95	39	1	1	0	0
2H(14-16)	215	31.6	27.7	3.8	0	0	0	2	46	112	51	4	0	0	0
12H(7-19)	1681	31.8	27.9	3.8	0	0	5	24	261	994	354	35	5	3	0
24H(0-24)	1867	32.0	28.0	3.9	0	0	6	26	282	1089	405	50	6	3	0
AM Peak	08:00	01:00	03:00	03:00	00:00	00:00	05:00	09:00	08:00	08:00	07:00	05:00	08:00	00:00	00:00
	292	31.2	31.5	3.8	0	0	1	4	31	202	51	7	1	0	0
PM Peak	16:00	22:00	12:00	12:00	12:00	13:00	16:00	13:00	13:00	16:00	17:00	16:00	17:00	12:00	12:00
	190	31.8	31.3	4.3	0	0	2	6	35	122	36	7	2	3	0

360 TSL Ltd

Direction: Total Flow																
Hour	Total Volume	ESD Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5-10	Bin 3 10-15	Bin 4 15-20	Bin 5 20-25	Bin 6 25-30	Bin 7 30-35	Bin 8 35-40	Bin 9 40-45	Bin 10 45-50	Bin 11 50-55	Bin 12 >55
00:00	5	30.8	28.5	2.2	0	0	0	0	0	4	1	0	0	0	0	0
01:00	2	33.7	30.0	3.5	0	0	0	0	0	3	1	0	0	0	0	0
02:00	1	-	27.5	-	0	0	0	0	0	1	0	0	0	0	0	0
03:00	6	31.4	28.3	4.9	0	0	0	0	1	4	0	1	0	0	0	0
04:00	6	32.8	30.0	2.7	0	0	0	0	0	3	3	0	0	0	0	0
05:00	69	33.9	28.9	4.8	0	0	1	2	5	36	18	7	0	0	0	0
06:00	86	33.9	28.7	3.2	0	0	0	0	8	52	24	2	0	0	0	0
07:00	354	31.3	27.9	3.3	0	0	1	4	42	233	68	6	0	0	0	0
08:00	516	31.2	27.9	3.2	0	0	0	4	60	355	87	9	1	0	0	0
09:00	216	31.5	27.5	3.6	0	0	1	5	31	138	37	4	0	0	0	0
10:00	193	31.3	27.1	4.1	0	0	1	6	45	102	35	4	0	0	0	0
11:00	199	30.8	26.5	4.2	0	0	1	9	32	95	30	1	0	0	0	0
12:00	232	30.8	26.4	4.3	0	0	0	5	80	122	21	0	0	0	4	0
13:00	225	30.3	26.4	3.7	0	0	1	10	54	29	1	0	0	0	0	0
14:00	220	31.0	27.0	3.9	0	0	0	3	64	106	44	3	0	0	0	0
15:00	234	31.5	27.7	3.6	0	0	0	1	49	128	53	2	1	0	0	0
16:00	457	31.5	27.9	3.5	0	0	2	3	64	289	89	30	0	0	0	0
17:00	423	31.9	28.3	3.4	0	0	0	2	52	251	111	5	2	0	0	0
18:00	102	33.2	28.9	4.1	0	0	0	0	14	52	29	6	1	0	0	0
19:00	48	31.6	27.9	3.5	0	0	0	0	9	27	11	1	0	0	0	0
20:00	42	34.3	29.3	4.8	0	0	0	0	8	16	14	3	1	0	0	0
21:00	49	32.7	28.4	4.2	0	0	0	0	23	13	3	0	0	0	0	0
22:00	12	34.2	29.6	4.5	0	0	0	0	2	4	5	1	0	0	0	0
23:00	14	29.6	27.1	2.4	0	0	0	0	2	11	1	0	0	0	0	0
Total	382	31.1	26.8	4.1	0	0	2	15	97	197	65	5	1	0	0	0
2H(14-16)	454	31.3	27.4	3.7	0	0	0	4	113	234	97	5	1	0	0	0
12H(7-19)	3711	31.4	27.5	3.7	0	0	7	52	613	2005	633	51	6	4	0	0
24H(0-24)	3711	31.5	27.6	3.7	0	0	8	54	658	2187	724	69	7	4	0	0
AM Peak	08:00	01:00	03:00	03:00	00:00	00:00	05:00	11:00	08:00	08:00	08:00	08:00	08:00	00:00	00:00	00:00
	516	33.9	30.0	4.9	0	0										
PM Peak	16:00	20:00	22:00	22:00	12:00	12:00	16:00	13:00	12:00	880	395	111	30	2	4	0
	457	34.3	29.6	4.8	0	0	2	3	64	289	111	30	2	4	0	0



North Wales ATC 20, Flordd William Morgan

Direction: Northbound																11/05/2022
Hour	Total Volume	ESD Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5-10	Bin 3 10-15	Bin 4 15-20	Bin 5 20-25	Bin 6 25-30	Bin 7 30-35	Bin 8 35-40	Bin 9 40-45	Bin 10 45-50	Bin 11 50-55	Bin 12 >55
00:00	1	-	22.5	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	4	36.2	31.3	4.8	0	0	0	0	0	2	1	1	0	0	0	0
02:00	3	32.2	28.2	2.9	0	0	0	0	0	0	2	1	0	0	0	0
03:00	3	31.8	30.8	2.9	0	0	0	0	0	0	1	2	0	0	0	0
04:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
05:00	5	32.8	28.5	4.2	0	0	0	0	0	1	2	2	0	0	0	0
06:00	46	32.3	28.2	4.0	0	0	1	0	4	30	9	2	0	0	0	0
07:00	81	30.5	27.1	3.2	0	0	0	0	1	17	50	13	0	0	0	0
08:00	227	30.4	27.6	2.7	0	0	0	0	0	29	105	32	1	0	0	0
09:00	132	30.7	26.7	4.1	0	0	0	0	3	27	80	17	0	0	0	0
10:00	90	30.4	25.9	4.3	0	0	0	0	3	45	65	12	1	0	0	0
11:00	127	30.2	26.2	3.8	0	0	0	0	3	45	62	15	2	0	0	0
12:00	135	30.3	26.7	3.5	0	0	0	0	4	33	80	17	1	0	0	0
13:00	193	31.1	27.4	3.6	0	0	1	2	38	155	34	3	0	0	0	0
14:00	181	31.2	27.3	3.8	0	0	1	3	37	105	32	3	0	0	0	0
15:00	239	31.5	26.9	4.5	0	1	4	3	61	123	40	7	0	0	0	0
16:00	416	31.2	27.7	3.4	0	0	0	0	2	72	258	76	8	0	0	0
17:00	357	31.1	28.6	3.4	0	0	0	0	0	36	223	84	13	1	0	0
18:00	206	31.3	28.2	4.9	0	0	0	0	2	17	65	14	6	0	1	0
19:00	46	31.8	27.7	3.9	0	0	0	0	0	11	24	9	2	0	0	0
20:00	29	32.6	26.8	5.6	0	0	0	0	4	6	11	3	0	0	0	0
21:00	60	32.6	28.7	4.2	0	0	0	1	9	28	19	3	0	0	0	0
22:00	11	32.3	28.4	3.8	0	0	0	0	2	5	4	0	0	0	0	0
23:00	17	35.6	30.1	4.7	0	0	0	0	0	3	4	8	2	0	0	0
Total																
201614-121	217	30.3	26.1	4.0	0	1	0	6	75	108	23	4	0	0	0	0
201614-141	420	31.4	27.1	4.2	0	1	5	6	98	228	72	10	0	0	0	0
12047-110	2284	31.3	27.4	3.7	0	2	9	28	442	1372	383	48	1	1	1	0
24040-241	2500	31.4	27.5	3.8	0	2	10	31	479	1481	443	60	1	1	1	0
AM Peak	08:00	01:00	02:00	03:00	04:00	10:00	09:00	08:00	11:00	08:00	08:00	06:00	05:00	04:00	03:00	02:00
	227	36.2	31.3	4.8	0	1	3	3	45	165	32	2	0	0	0	0
PM Peak	16:00	23:00	21:00	20:00	12:00	15:00	15:00	12:00	16:00	16:00	17:00	17:00	18:00	18:00	12:00	12:00
	416	35.6	30.1	5.6	0	1	4	4	72	258	84	13	1	1	1	0

360 TSL Ltd

Direction: Southbound																
Hour Beginning	Total Volume	Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5-10	Bin 3 10-15	Bin 4 15-20	Bin 5 20-25	Bin 6 25-30	Bin 7 30-35	Bin 8 35-40	Bin 9 40-45	Bin 10 45-50	Bin 11 50-55	Bin 12 >55
00:00	3	32.7	27.5	5.0	0	0	0	0	1	1	1	0	0	0	0	0
01:00	2	34.8	27.5	7.1	0	0	0	0	0	1	1	0	0	0	0	0
02:00	7	34.4	22.5	-	-	0	0	0	0	1	0	0	0	0	0	0
03:00	3	32.2	28.2	2.9	0	0	0	0	0	2	1	0	0	0	0	0
04:00	7	36.4	31.8	4.5	0	0	0	0	0	3	2	2	0	0	0	0
05:00	65	33.0	28.9	4.0	0	0	0	0	6	40	16	2	0	1	0	0
06:00	41	36.9	30.8	4.0	0	0	0	0	0	21	14	5	1	0	0	0
07:00	250	31.8	28.2	3.4	0	0	0	0	33	157	54	5	0	1	0	0
08:00	303	31.4	27.3	4.2	2	3	3	45	201	46	3	0	0	0	1	0
09:00	112	32.2	28.5	3.6	0	0	0	1	11	69	26	5	0	0	0	0
10:00	109	30.5	26.4	5.9	0	0	0	6	28	59	15	1	0	0	0	0
11:00	126	31.9	27.3	4.5	0	0	0	4	31	64	24	1	1	1	0	0
12:00	127	30.2	26.0	4.0	0	1	2	3	34	74	11	0	0	0	0	0
13:00	160	31.7	27.8	3.8	0	0	1	3	22	98	32	4	0	0	0	0
14:00	157	31.9	25.9	5.7	0	6	1	11	32	78	27	1	1	0	0	0
15:00	142	31.8	27.5	4.1	0	0	0	3	33	71	30	5	0	0	0	0
16:00	161	31.8	28.4	3.3	0	0	0	1	19	94	45	2	0	0	0	0
17:00	193	31.6	28.3	3.2	0	0	1	0	19	105	45	3	0	0	0	0
18:00	69	33.1	28.4	4.5	0	1	1	6	40	19	1	0	0	0	0	0
19:00	21	31.6	27.7	3.7	0	0	0	0	1	2	13	5	0	0	0	0
20:00	33	33.6	28.0	4.4	0	0	0	0	7	11	13	2	0	0	0	0
21:00	25	33.0	28.3	4.5	0	0	0	0	6	11	6	2	0	0	0	0
22:00	12	33.0	28.6	3.3	0	0	0	0	0	8	3	1	0	0	0	0
23:00	12	31.4	27.9	3.3	0	0	0	0	0	2	7	3	0	0	0	0
Total																
201610-121	235	31.3	26.9	4.2	0	0	0	10	59	123	39	2	1	1	0	0
201614-141	299	32.0	26.7	5.1	0	6	1	14	61	140	57	6	1	0	0	0
12047-110	1909	31.8	27.5	4.1	2	8	8	35	313	1130	376	31	3	2	1	0
24040-241	2134	32.0	27.7	4.1	2	8	8	36	339	1247	441	46	4	3	1	0
AM Peak	08:00	04:00	04:00	03:00	08:00	00:00	08:00	10:00	08:00	08:00	07:00	06:00	06:00	05:00	08:00	00:00
	393	36.4	31.8	7.1	2	0	3	6	49	281	94	9	1	1	1	0
PM Peak	17:00	20:00	22:00	24:00	12:00	14:00	12:00	14:00	12:00	17:00	16:00	16:00	14:00	12:00	12:00	12:00
	193	33.6	29.6	5.7	0	6	2	11	35	125	45	6	1	0	0	0

360 TSL Ltd

Direction: Total Flow																
Hour	Total Volume	ESD Percentile	Mean Average	Standard Deviation	Bin 1 <5mph	Bin 2 5-10	Bin 3 10-15	Bin 4 15-20	Bin 5 20-25	Bin 6 25-30	Bin 7 30-35	Bin 8 35-40	Bin 9 40-45	Bin 10 45-50	Bin 11 50-55	Bin 12 >55
00:00	4	31.2	26.3	4.8	0	0	0	0	2	1	1	0	0	0	0	0
01:00	6	39.4	30.0	5.2	0	0	0	0	1	2	1	0	0	0	0	0
02:00	4	31.7	27.5	4.1	0	0	0	0	0	1	0	0	0	0	0	0
03:00	6	32.8	30.0	2.7	0	0	0	0	0	3	3	0	0	0	0	0
04:00	7	36.4	31.8	4.5	0	0	0	0	0	1	2	1	0	0	0	0
05:00	70	33.0	28.9	4.0	0	0	0	0	7	42	18	2	0	1	0	0
06:00	67	31.7	28.4	4.2	0	0	0	0	4	51	23	7	0	0	0	0
07:00	311	31.5	27.9	3.4	0	0	0	1	50	207	67	5	0	1	0	0
08:00	530	31.2	27.4	3.6	0	3	2	3	74	366	78	4	0	0	1	0
09:00	244	31.6	27.5	4.0	0	0	0	38	149	43	7	0	0	0	0	0
10:00	199	30.4	26.2	4.1	0	1	0	9	58	105	23	3	0	0	0	0
11:00	152	31.2	26.7	4.2	0	0	0	7	76	126	39	3	1	0	0	0
12:00	262	30.3	26.4	3.8	0	1	2	7	67	154	30	1	0	0	0	0
13:00	353	31.4	27.9	3.7	0	0	2	5	60	231	66	7	0	0	0	0
14:00	338	31.7	26.7	4.8	0	6	2	14	69	183	59	4	1	0	0	0
15:00	381	31.6	27.1	4.3	0	1	4	6	94	194	70	12	0	0	0	0
16:00	377	31.4	27.9	3.4	0	0	0	0	9	352	121	30	0	0	0	0
17:00	550	31.9	28.5	3.3	0	0	1	0	55	348	129	16	1	0	0	0
18:00	175	33.2	28.3	4.8	0	1	0	9	23	105	33	7	0	0	0	0
19:00	67	31.7	27.7	3.8	0	0	0	1	13	37	14	2	0	0	0	0
20:00	62	33.3	28.0	5.1	0	0	0	4	13	22	19	4	0	0	0	0
21:00	81	32.9	28.6	4.2	0	0	0	0	15	39	25	5	0	0	0	0
22:00	23	32.7	28.0	3.5	0	0	0	0	2	13	7	1	0	0	0	0
23:00	28	33.7	29.2	4.3	0	0	0	0	1	11	11	2	0	0	0	0
Total																
206130	452	30.8	26.5	4.1	0	1	0	16	134	231	62	6	1	1	0	0
206130	710	31.4	26.9	3.9	0	7	2	10	163	332	129	10	1	0	0	0
210415	1515	31.5	27.5	3.9	2	10	17	61	755	2652	786	79	4	1	0	0
2409324	4645	31.7	27.6	4.0	2	10	18	67	818	2728	884	105	5	4	2	0
Peak Hour																
08:00	5400	34.00	30.40	4.00	10	10	18	67	818	2728	884	105	5	4	2	0
09:00	542	34.2	30.2	3.2	0	0	0	0	0	11	11	11	1	1	1	0
Peak Period																
08:00	5400	34.00	30.40	4.00	10	10	18	67	818	2728	884	105	5	4	2	0
09:00	542	34.2	30.2	3.2	0	0	0	0	0	11	11	11	1	1	1	0
10:00	5200	33.00	29.00	3.00	12.00	14.00	15.00	14.00	25.00	17.00	17.00	14.00	18.00	18.00	12.00	0
Peak Hour	537	33.7	29.3	3.3	0	6	4	14	94	332	129	36	1	1	1	0



North Wales ATC 21, B5381 Glascoed Road



Direction: Eastbound

Hour Beginning	Thu 28/04/2022	Fri 29/04/2022	Sat 30/04/2022	Sun 01/05/2022	Mon 02/05/2022	Tue 03/05/2022	Wed 04/05/2022	5-Day Ave.	7-Day Ave.
00:00	3	5	5	5	8	3	4	5	5
01:00	1	1	3	1	1	1	0	1	1
02:00	1	3	2	0	2	1	2	2	2
03:00	0	7	2	0	0	0	4	2	2
04:00	7	5	1	2	2	4	2	4	3
05:00	8	17	13	1	3	8	11	9	9
06:00	41	23	16	6	6	40	26	27	23
07:00	57	65	25	6	8	65	68	53	42
08:00	149	159	33	18	21	156	152	127	98
09:00	101	85	54	28	37	87	92	80	69
10:00	63	90	76	53	76	81	117	85	79
11:00	78	108	80	68	101	86	86	92	87
12:00	128	125	77	66	118	124	139	127	111
13:00	117	139	62	77	80	125	125	117	104
14:00	118	123	77	86	106	118	137	120	109
15:00	136	150	75	70	71	149	140	129	113
16:00	250	208	85	76	100	243	242	209	172
17:00	200	256	60	89	120	233	243	210	172
18:00	76	82	57	37	58	68	77	72	65
19:00	30	54	26	33	29	49	61	45	40
20:00	29	43	30	13	22	27	36	31	29
21:00	25	28	15	19	19	28	29	26	23
22:00	11	9	6	6	14	15	11	12	10
23:00	2	8	4	1	1	3	3	3	3
Total									
12H(7-19)	1473	1590	761	674	896	1535	1618	1422	1221
16H(6-22)	1598	1738	848	745	972	1679	1770	1551	1336
18H(6-24)	1611	1755	858	752	987	1697	1784	1567	1349
24H(0-24)	1631	1793	884	761	1003	1714	1807	1590	1370
AM Peak	08:00	08:00	11:00	11:00	11:00	08:00	08:00	08:00	08:00
	149	159	80	68	101	156	152	127	98
PM Peak	16:00	17:00	16:00	17:00	17:00	16:00	17:00	17:00	16:00
	250	256	85	89	120	243	243	210	172

360 TSL Ltd

Direction: Westbound

Hour Beginning	Thu 28/04/2022	Fri 29/04/2022	Sat 30/04/2022	Sun 01/05/2022	Mon 02/05/2022	Tue 03/05/2022	Wed 04/05/2022	5-Day Ave.	7-Day Ave.
00:00	0	1	2	1	4	0	1	1	1
01:00	0	1	4	2	12	0	1	3	3
02:00	2	0	2	1	2	1	0	1	1
03:00	2	2	0	0	0	2	2	2	1
04:00	5	4	7	6	11	4	3	5	6
05:00	47	33	8	5	7	30	28	29	23
06:00	42	28	21	12	13	39	28	30	26
07:00	149	153	26	23	25	149	155	122	94
08:00	299	313	37	23	40	277	301	246	184
09:00	109	145	61	41	78	115	140	117	98
10:00	138	89	81	75	128	128	102	117	106
11:00	71	113	135	66	117	79	105	97	98
12:00	87	106	84	74	122	98	119	106	99
13:00	86	158	74	68	97	102	144	117	104
14:00	82	87	75	60	102	105	80	91	84
15:00	101	121	67	49	61	114	95	98	87
16:00	90	118	60	49	105	94	121	106	91
17:00	128	125	32	37	36	123	115	105	85
18:00	42	64	29	27	43	38	60	49	43
19:00	38	33	27	40	46	33	30	36	35
20:00	33	22	11	14	24	32	28	28	23
21:00	16	22	23	7	11	26	28	21	19
22:00	14	4	7	5	6	12	8	9	8
23:00	1	1	4	3	8	1	1	2	3
Total									
12H(7-19)	1382	1592	761	592	954	1422	1517	1373	1174
16H(6-22)	1511	1697	843	665	1048	1552	1631	1488	1278
18H(6-24)	1526	1702	854	673	1062	1565	1640	1499	1289
24H(0-24)	1582	1743	877	688	1098	1602	1675	1540	1324
AM Peak	08:00	08:00	11:00	10:00	10:00	08:00	08:00	08:00	08:00
	299	313	135	75	128	277	301	246	184
PM Peak	17:00	13:00	12:00	12:00	12:00	17:00	13:00	13:00	13:00
	128	158	84	74	122	123	144	117	104

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Thu 28/04/2022	Fri 29/04/2022	Sat 30/04/2022	Sun 01/05/2022	Mon 02/05/2022	Tue 03/05/2022	Wed 04/05/2022	5-Day Ave.	7-Day Ave.
00:00	3	6	7	6	12	3	5	6	6
01:00	1	2	7	3	13	1	1	4	4
02:00	3	3	4	1	4	2	2	3	3
03:00	2	9	2	0	0	2	6	4	3
04:00	12	9	8	8	13	8	5	9	9
05:00	55	50	21	6	10	38	39	38	31
06:00	83	51	37	18	19	79	54	57	49
07:00	206	218	51	29	33	214	203	175	136
08:00	448	472	70	41	61	433	453	373	283
09:00	210	230	115	69	115	202	232	198	168
10:00	201	179	157	128	204	209	219	202	185
11:00	149	221	215	134	218	165	191	189	185
12:00	215	231	161	140	240	222	258	233	210
13:00	203	297	136	145	177	227	269	235	208
14:00	200	210	152	146	208	223	217	212	194
15:00	237	271	142	119	132	263	235	228	200
16:00	340	326	145	125	205	337	363	314	263
17:00	328	381	92	126	156	356	368	316	257
18:00	118	146	86	64	101	106	137	122	108
19:00	68	87	53	73	75	82	91	81	76
20:00	62	65	41	27	46	59	64	59	52
21:00	41	50	38	26	30	54	57	46	42
22:00	25	13	13	11	20	27	19	21	18
23:00	3	9	8	4	9	4	4	6	6
Total									
12H(7-19)	2855	3182	1522	1266	1850	2957	3135	2796	2395
16H(6-22)	3109	3435	1691	1410	2020	3231	3401	3039	2614
18H(6-24)	3137	3457	1712	1425	2049	3262	3424	3066	2638
24H(0-24)	3213	3536	1761	1449	2101	3316	3482	3130	2694
AM Peak	08:00	08:00	11:00	11:00	11:00	08:00	08:00	08:00	08:00
	448	472	215	134	218	433	453	373	283
PM Peak	16:00	17:00	12:00	14:00	12:00	17:00	16:00	17:00	16:00
	340	381	161	146	240	356	363	316	263

360 TSL Ltd



North Wales ATC 21, B5381 Glascoed Road

Direction: Eastbound

	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 28 Apr 2022	1631	1462	154	9	6
Fri 29 Apr 2022	1793	1607	170	7	9
Sat 30 Apr 2022	884	806	65	5	8
Sun 1 May 2022	761	712	42	6	1
Mon 2 May 2022	1003	947	50	5	1
Tue 3 May 2022	1714	1500	202	6	6
Wed 4 May 2022	1807	1633	161	4	9
5 Day Ave.	1590	1430	147	6	6
7 Day Ave.	1370	1238	121	6	6

Direction: Westbound

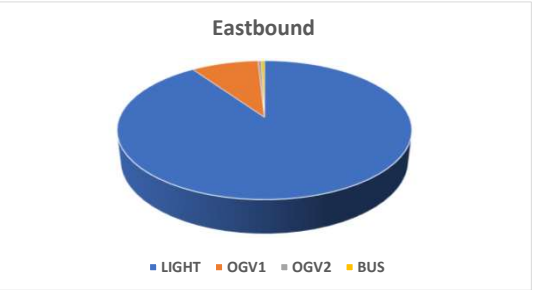
	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 28 Apr 2022	1582	1328	230	6	18
Fri 29 Apr 2022	1743	1451	274	3	15
Sat 30 Apr 2022	877	762	96	6	13
Sun 1 May 2022	688	637	48	2	1
Mon 2 May 2022	1098	1017	77	3	1
Tue 3 May 2022	1602	1335	235	7	25
Wed 4 May 2022	1675	1394	263	2	16
5 Day Ave.	1540	1305	216	4	15
7 Day Ave.	1324	1132	175	4	13

Direction: Total Flow

	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 28 Apr 2022	3213	2790	384	15	24
Fri 29 Apr 2022	3536	3058	444	10	24
Sat 30 Apr 2022	1761	1568	161	11	21
Sun 1 May 2022	1449	1349	90	8	2
Mon 2 May 2022	2101	1964	127	8	2
Tue 3 May 2022	3316	2835	437	13	31
Wed 4 May 2022	3482	3027	424	6	25
5 Day Ave.	3130	2735	363	10	21
7 Day Ave.	2694	2370	295	10	18

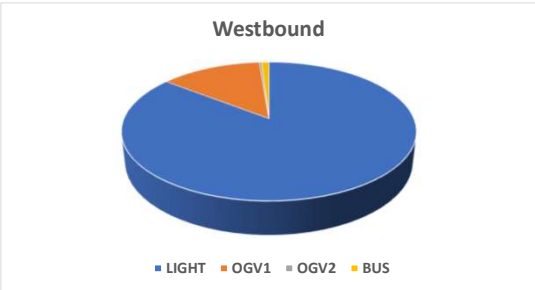
	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 28 Apr 2022	100.0%	89.6%	9.4%	0.6%	0.4%
Fri 29 Apr 2022	100.0%	89.6%	9.5%	0.4%	0.5%
Sat 30 Apr 2022	100.0%	91.2%	7.4%	0.6%	0.9%
Sun 1 May 2022	100.0%	93.6%	5.5%	0.8%	0.1%
Mon 2 May 2022	100.0%	94.4%	5.0%	0.5%	0.1%
Tue 3 May 2022	100.0%	87.5%	11.8%	0.4%	0.4%
Wed 4 May 2022	100.0%	90.4%	8.9%	0.2%	0.5%
5 Day Ave.	100.0%	89.9%	9.3%	0.4%	0.4%
7 Day Ave.	100.0%	90.3%	8.8%	0.4%	0.4%

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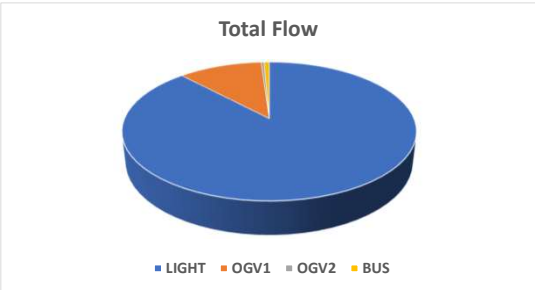
	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 28 Apr 2022	100.0%	83.9%	14.5%	0.4%	1.1%
Fri 29 Apr 2022	100.0%	83.2%	15.7%	0.2%	0.9%
Sat 30 Apr 2022	100.0%	86.9%	10.9%	0.7%	1.5%
Sun 1 May 2022	100.0%	92.6%	7.0%	0.3%	0.1%
Mon 2 May 2022	100.0%	92.6%	7.0%	0.3%	0.1%
Tue 3 May 2022	100.0%	83.3%	14.7%	0.4%	1.6%
Wed 4 May 2022	100.0%	83.2%	15.7%	0.1%	1.0%
5 Day Ave.	100.0%	84.7%	14.0%	0.3%	1.0%
7 Day Ave.	100.0%	85.5%	13.2%	0.3%	1.0%

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	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 28 Apr 2022	100.0%	86.8%	12.0%	0.5%	0.7%
Fri 29 Apr 2022	100.0%	86.5%	12.6%	0.3%	0.7%
Sat 30 Apr 2022	100.0%	89.0%	9.1%	0.6%	1.2%
Sun 1 May 2022	100.0%	93.1%	6.2%	0.6%	0.1%
Mon 2 May 2022	100.0%	93.5%	6.0%	0.4%	0.1%
Tue 3 May 2022	100.0%	85.5%	13.2%	0.4%	0.9%
Wed 4 May 2022	100.0%	86.9%	12.2%	0.2%	0.7%
5 Day Ave.	100.0%	87.4%	11.6%	0.3%	0.7%
7 Day Ave.	100.0%	88.0%	11.0%	0.4%	0.7%

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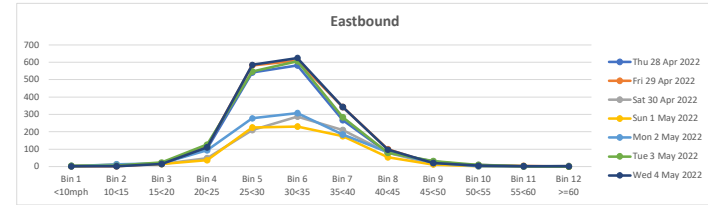


# North Wales ATC 21, B5381 Glascoed Road

Direction: Eastbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<15	Bin 3 15<20	Bin 4 20<25	Bin 5 25<30	Bin 6 30<35	Bin 7 35<40	Bin 8 40<45	Bin 9 45<50	Bin 10 50<55	Bin 11 55<60	Bin 12 >=60
Thu 28 Apr 2022	1631	37.5	31.6	5.8	4	5	17	102	541	582	266	80	29	4	1	0
Fri 29 Apr 2022	1793	37.7	31.8	5.7	1	2	16	114	583	609	342	99	17	6	4	0
Sat 30 Apr 2022	884	40.1	33.0	6.8	2	6	15	48	209	287	210	79	14	10	0	4
Sun 1 May 2022	761	38.8	32.1	6.5	2	11	14	36	225	230	175	53	12	2	1	0
Mon 2 May 2022	1003	38.8	31.8	6.8	2	13	18	93	277	308	184	82	22	2	1	1
Tue 3 May 2022	1714	37.7	31.5	6.0	4	5	23	126	547	605	283	79	31	9	2	0
Wed 4 May 2022	1807	37.7	31.9	5.6	1	2	15	111	585	625	343	97	20	5	2	1
5 Day Ave.	1590	37.9	31.7	6.0	2	5	18	109	507	546	284	87	24	5	2	0
7 Day Ave.	1370	38.3	32.0	6.2	2	6	17	90	424	464	258	81	21	5	2	1

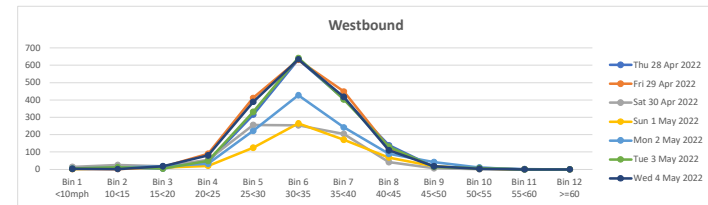
360 TSL Ltd



Direction: Westbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<15	Bin 3 15<20	Bin 4 20<25	Bin 5 25<30	Bin 6 30<35	Bin 7 35<40	Bin 8 40<45	Bin 9 45<50	Bin 10 50<55	Bin 11 55<60	Bin 12 >=60
Thu 28 Apr 2022	1582	39.2	33.4	5.6	4	10	5	44	316	635	406	139	14	8	1	0
Fri 29 Apr 2022	1743	38.5	32.8	5.5	3	2	13	90	412	631	449	124	15	4	0	0
Sat 30 Apr 2022	877	38.2	30.9	7.1	14	26	17	55	256	254	205	42	7	1	0	0
Sun 1 May 2022	688	40.0	33.6	6.2	2	6	10	20	125	265	171	68	17	4	0	0
Mon 2 May 2022	1098	40.2	33.3	6.6	5	11	18	32	222	427	242	89	42	10	0	0
Tue 3 May 2022	1602	39.0	33.2	5.6	4	12	5	49	332	643	404	131	15	7	0	0
Wed 4 May 2022	1675	38.4	32.7	5.5	3	2	18	80	389	635	418	110	17	3	0	0
5 Day Ave.	1540	39.1	33.1	5.8	4	7	12	59	334	594	384	119	21	6	0	0
7 Day Ave.	1324	39.1	32.8	6.0	5	10	12	53	293	499	328	100	18	5	0	0

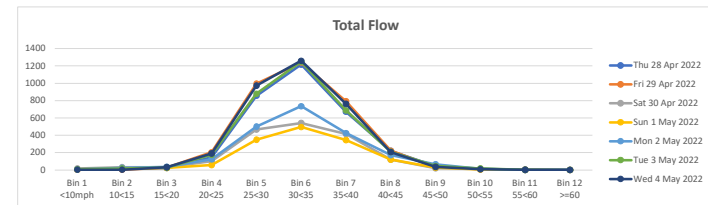
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Direction: Total Flow

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<15	Bin 3 15<20	Bin 4 20<25	Bin 5 25<30	Bin 6 30<35	Bin 7 35<40	Bin 8 40<45	Bin 9 45<50	Bin 10 50<55	Bin 11 55<60	Bin 12 >=60
Thu 28 Apr 2022	3213	38.4	32.5	5.8	8	15	22	146	857	1217	672	219	43	12	2	0
Fri 29 Apr 2022	3536	38.1	32.3	5.6	4	4	29	204	995	1240	791	223	32	10	4	0
Sat 30 Apr 2022	1761	39.3	32.0	7.0	16	32	32	103	465	541	415	121	21	11	0	4
Sun 1 May 2022	1449	39.4	32.8	6.4	4	17	24	56	350	495	346	121	29	6	1	0
Mon 2 May 2022	2101	39.6	32.6	6.7	7	24	36	125	499	735	426	171	64	12	1	1
Tue 3 May 2022	3316	38.4	32.3	5.9	8	17	28	175	879	1248	687	210	46	16	2	0
Wed 4 May 2022	3482	38.1	32.3	5.6	4	4	33	191	974	1260	761	207	37	8	2	1
5 Day Ave.	3130	38.5	32.4	5.9	6	13	30	168	841	1140	667	206	44	12	2	0
7 Day Ave.	2694	38.8	32.4	6.1	7	16	29	143	717	962	585	182	39	11	2	1

360 TSL Ltd





## North Wales ATC 21, B5381 Glascoed Road

Direction: Eastbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<15	Bin 3 15<20	Bin 4 20<25	Bin 5 25<30	Bin 6 30<35	Bin 7 35<40	Bin 8 40<45	Bin 9 45<50	Bin 10 50<55	Bin 11 55<60	Bin 12 >=60
Thu 28 Apr 2022	141	35.7	30.7	4.9	0	1	0	7	64	46	17	5	1	0	0	0
Fri 29 Apr 2022	198	36.5	31.3	5.0	0	0	2	10	70	78	29	6	3	0	0	0
Sat 30 Apr 2022	156	37.2	31.2	5.8	0	0	8	7	52	46	36	7	0	0	0	0
Sun 1 May 2022	121	38.1	31.6	6.3	0	2	3	5	41	36	23	10	1	0	0	0
Mon 2 May 2022	177	37.5	31.7	5.6	0	2	1	9	57	62	36	7	3	0	0	0
Tue 3 May 2022	167	36.2	30.5	5.4	0	1	0	10	80	54	12	6	2	2	0	0
Wed 4 May 2022	203	36.3	30.9	5.2	0	0	1	18	75	70	29	8	2	0	0	0
5 Day Ave.	177	36.5	31.0	5.2	0	1	1	11	69	62	25	6	2	0	0	0
7 Day Ave.	166	36.8	31.1	5.4	0	1	2	9	63	56	26	7	2	0	0	0

360 TSL Ltd

Direction: Westbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<15	Bin 3 15<20	Bin 4 20<25	Bin 5 25<30	Bin 6 30<35	Bin 7 35<40	Bin 8 40<45	Bin 9 45<50	Bin 10 50<55	Bin 11 55<60	Bin 12 >=60
Thu 28 Apr 2022	209	37.7	32.2	5.3	1	3	1	5	50	89	53	6	1	0	0	0
Fri 29 Apr 2022	202	36.7	31.4	5.1	0	1	0	14	70	69	39	8	1	0	0	0
Sat 30 Apr 2022	216	35.9	29.5	6.2	2	4	4	31	75	61	32	7	0	0	0	0
Sun 1 May 2022	141	40.0	33.1	6.7	1	2	3	3	24	65	25	13	3	2	0	0
Mon 2 May 2022	245	40.6	33.1	7.3	3	3	6	7	41	105	50	17	7	6	0	0
Tue 3 May 2022	207	37.1	31.4	5.6	1	2	0	14	65	77	40	6	1	1	0	0
Wed 4 May 2022	207	37.1	31.6	5.3	0	1	0	13	72	69	41	9	2	0	0	0
5 Day Ave.	214	37.9	31.9	5.7	1	2	1	11	60	82	45	9	2	1	0	0
7 Day Ave.	204	37.9	31.8	5.9	1	2	2	12	57	76	40	9	2	1	0	0

360 TSL Ltd

Direction: Total Flow

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<15	Bin 3 15<20	Bin 4 20<25	Bin 5 25<30	Bin 6 30<35	Bin 7 35<40	Bin 8 40<45	Bin 9 45<50	Bin 10 50<55	Bin 11 55<60	Bin 12 >=60
Thu 28 Apr 2022	350	37.0	31.6	5.2	1	4	1	12	114	135	70	11	2	0	0	0
Fri 29 Apr 2022	400	36.6	31.4	5.1	0	1	2	24	140	147	68	14	4	0	0	0
Sat 30 Apr 2022	372	36.5	30.2	6.1	2	4	12	38	127	107	68	14	0	0	0	0
Sun 1 May 2022	262	39.2	32.4	6.5	1	4	6	8	65	101	48	23	4	2	0	0
Mon 2 May 2022	422	39.4	32.5	6.7	3	5	7	16	98	167	86	24	10	6	0	0
Tue 3 May 2022	374	36.7	31.0	5.5	1	3	0	24	145	131	52	12	3	3	0	0
Wed 4 May 2022	410	36.7	31.3	5.2	0	1	1	31	147	139	70	17	4	0	0	0
5 Day Ave.	391	37.3	31.6	5.5	1	3	2	21	129	144	69	16	5	2	0	0
7 Day Ave.	370	37.4	31.5	5.8	1	3	4	22	119	132	66	16	4	2	0	0

360 TSL Ltd



## North Wales ATC 21, B5381 Glascoed Road

Direction: Eastbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<15	Bin 3 15<20	Bin 4 20<25	Bin 5 25<30	Bin 6 30<35	Bin 7 35<40	Bin 8 40<45	Bin 9 45<50	Bin 10 50<55	Bin 11 55<60	Bin 12 >=60
Thu 28 Apr 2022	254	37.2	31.1	5.8	1	2	5	13	94	81	41	15	2	0	0	0
Fri 29 Apr 2022	273	36.6	31.2	5.2	1	0	1	16	102	98	42	10	2	1	0	0
Sat 30 Apr 2022	152	38.3	32.2	5.9	0	1	2	10	42	50	33	13	1	0	0	0
Sun 1 May 2022	156	37.9	32.3	5.4	0	0	2	9	45	44	49	6	1	0	0	0
Mon 2 May 2022	177	37.5	32.1	5.3	0	0	2	10	55	53	48	9	0	0	0	0
Tue 3 May 2022	267	37.4	31.0	6.1	1	2	6	25	82	90	42	16	3	0	0	0
Wed 4 May 2022	277	37.1	31.6	5.3	1	0	1	13	101	94	49	16	2	0	0	0
5 Day Ave.	250	37.2	31.4	5.6	1	1	3	15	87	83	44	13	2	0	0	0
7 Day Ave.	222	37.4	31.7	5.6	1	1	3	14	74	73	43	12	2	0	0	0

360 TSL Ltd

Direction: Westbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<15	Bin 3 15<20	Bin 4 20<25	Bin 5 25<30	Bin 6 30<35	Bin 7 35<40	Bin 8 40<45	Bin 9 45<50	Bin 10 50<55	Bin 11 55<60	Bin 12 >=60
Thu 28 Apr 2022	183	37.6	31.8	5.6	0	3	2	9	51	68	40	10	0	0	0	0
Fri 29 Apr 2022	208	38.2	32.7	5.3	0	0	2	10	55	65	65	9	2	0	0	0
Sat 30 Apr 2022	142	37.1	29.7	7.2	1	8	9	4	44	45	27	4	0	0	0	0
Sun 1 May 2022	109	39.9	33.9	5.8	0	2	1	2	15	42	35	11	1	0	0	0
Mon 2 May 2022	163	37.9	32.3	5.4	0	3	2	2	40	73	33	9	1	0	0	0
Tue 3 May 2022	219	37.9	32.0	5.7	0	5	2	9	54	87	51	10	1	0	0	0
Wed 4 May 2022	175	38.1	32.3	5.6	0	0	3	10	45	66	36	13	2	0	0	0
5 Day Ave.	190	37.9	32.2	5.5	0	2	2	8	49	72	45	10	1	0	0	0
7 Day Ave.	171	38.1	32.1	5.8	0	3	3	7	43	64	41	9	1	0	0	0

360 TSL Ltd

Direction: Total Flow

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<15	Bin 3 15<20	Bin 4 20<25	Bin 5 25<30	Bin 6 30<35	Bin 7 35<40	Bin 8 40<45	Bin 9 45<50	Bin 10 50<55	Bin 11 55<60	Bin 12 >=60
Thu 28 Apr 2022	437	37.3	31.4	5.8	1	5	7	22	145	149	81	25	2	0	0	0
Fri 29 Apr 2022	481	37.3	31.9	5.3	1	0	3	26	157	163	107	19	4	1	0	0
Sat 30 Apr 2022	294	37.8	31.0	6.6	1	9	11	14	86	95	60	17	1	0	0	0
Sun 1 May 2022	265	38.8	33.0	5.6	0	2	3	11	60	86	84	17	2	0	0	0
Mon 2 May 2022	340	37.7	32.2	5.3	0	3	4	12	95	126	81	18	1	0	0	0
Tue 3 May 2022	486	37.6	31.4	6.0	1	7	8	34	136	177	93	26	4	0	0	0
Wed 4 May 2022	452	37.5	31.9	5.4	1	0	4	23	146	160	85	29	4	0	0	0
5 Day Ave.	439	37.5	31.7	5.6	1	3	5	23	136	155	89	23	3	0	0	0
7 Day Ave.	394	37.7	31.8	5.7	1	4	6	20	118	137	84	22	3	0	0	0

360 TSL Ltd



# North Wales ATC 21, B5381 Glascoed Road

Direction: Eastbound

28/04/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	3	3	0	0	0
01:00	1	1	0	0	0
02:00	1	1	0	0	0
03:00	0	0	0	0	0
04:00	7	4	1	2	0
05:00	8	5	1	1	1
06:00	41	37	4	0	0
07:00	57	48	9	0	0
08:00	149	133	15	1	0
09:00	101	80	20	1	0
10:00	63	50	12	0	1
11:00	78	65	9	2	2
12:00	128	116	12	0	0
13:00	117	108	8	1	0
14:00	118	103	15	0	0
15:00	136	120	15	1	0
16:00	250	231	18	0	1
17:00	200	191	8	0	1
18:00	76	74	2	0	0
19:00	30	29	1	0	0
20:00	29	28	1	0	0
21:00	25	23	2	0	0
22:00	11	10	1	0	0
23:00	2	2	0	0	0
Total					
12H(7-19)	1473	1319	143	6	5
16H(6-22)	1598	1436	151	6	5
18H(6-24)	1611	1448	152	6	5
24H(0-24)	1631	1462	154	9	6
AM Peak	08:00	08:00	09:00	04:00	11:00
	149	133	20	2	2
PM Peak	16:00	16:00	16:00	13:00	16:00
	250	231	18	1	1

360 TSL Ltd

Direction: Westbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	0	0	0	0	0
01:00	0	0	0	0	0
02:00	2	1	1	0	0
03:00	2	1	1	0	0
04:00	5	5	0	0	0
05:00	47	46	1	0	0
06:00	42	41	1	0	0
07:00	149	137	12	0	0
08:00	299	250	45	1	3
09:00	109	86	23	0	0
10:00	138	112	25	0	1
11:00	71	54	15	1	1
12:00	87	66	15	1	5
13:00	86	70	14	1	1
14:00	82	69	11	1	1
15:00	101	72	28	0	1
16:00	90	77	10	0	3
17:00	128	110	17	0	1
18:00	42	34	6	1	1
19:00	38	37	1	0	0
20:00	33	32	1	0	0
21:00	16	14	2	0	0
22:00	14	13	1	0	0
23:00	1	1	0	0	0
Total					
12H(7-19)	1382	1137	221	6	18
16H(6-22)	1511	1261	226	6	18
18H(6-24)	1526	1275	227	6	18
24H(0-24)	1582	1328	230	6	18
AM Peak	08:00	08:00	08:00	08:00	08:00
	299	250	45	1	3
PM Peak	17:00	17:00	15:00	12:00	12:00
	128	110	28	1	5

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	3	3	0	0	0
01:00	1	1	0	0	0
02:00	3	2	1	0	0
03:00	2	1	1	0	0
04:00	12	9	1	2	0
05:00	55	51	2	1	1
06:00	83	78	5	0	0
07:00	206	185	21	0	0
08:00	448	383	60	2	3
09:00	210	166	43	1	0
10:00	201	162	37	0	2
11:00	149	119	24	3	3
12:00	215	182	27	1	5
13:00	203	178	22	2	1
14:00	200	172	26	1	1
15:00	237	192	43	1	1
16:00	340	308	28	0	4
17:00	328	301	25	0	2
18:00	118	108	8	1	1
19:00	68	66	2	0	0
20:00	62	60	2	0	0
21:00	41	37	4	0	0
22:00	25	23	2	0	0
23:00	3	3	0	0	0
Total					
12H(7-19)	2855	2456	364	12	23
16H(6-22)	3109	2697	377	12	23
18H(6-24)	3137	2723	379	12	23
24H(0-24)	3213	2790	384	15	24
AM Peak	08:00	08:00	08:00	11:00	08:00
	448	383	60	3	3
PM Peak	16:00	16:00	15:00	13:00	12:00
	340	308	43	2	5

360 TSL Ltd



# North Wales ATC 21, B5381 Glascoed Road

Direction: Eastbound

29/04/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	5	3	1	0	1
01:00	1	0	0	1	0
02:00	3	3	0	0	0
03:00	7	4	3	0	0
04:00	5	4	0	1	0
05:00	17	14	1	1	1
06:00	23	22	1	0	0
07:00	65	60	5	0	0
08:00	159	148	11	0	0
09:00	85	67	18	0	0
10:00	90	81	9	0	0
11:00	108	90	17	0	1
12:00	125	111	14	0	0
13:00	139	125	13	0	1
14:00	123	113	9	0	1
15:00	150	124	26	0	0
16:00	208	190	16	0	2
17:00	256	242	13	0	1
18:00	82	75	6	1	0
19:00	54	53	1	0	0
20:00	43	36	4	3	0
21:00	28	26	1	0	1
22:00	9	8	1	0	0
23:00	8	8	0	0	0
Total					
12H(7-19)	1590	1426	157	1	6
16H(6-22)	1738	1563	164	4	7
18H(6-24)	1755	1579	165	4	7
24H(0-24)	1793	1607	170	7	9
AM Peak	08:00 159	08:00 148	09:00 18	01:00 1	00:00 1
PM Peak	17:00 256	17:00 242	15:00 26	20:00 3	16:00 2

360 TSL Ltd

Direction: Westbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	1	1	0	0	0
01:00	1	1	0	0	0
02:00	0	0	0	0	0
03:00	2	1	1	0	0
04:00	4	4	0	0	0
05:00	33	32	1	0	0
06:00	28	23	4	0	1
07:00	153	140	12	0	1
08:00	313	279	33	0	1
09:00	145	118	27	0	0
10:00	89	66	22	0	1
11:00	113	81	31	0	1
12:00	106	86	19	0	1
13:00	158	133	24	0	1
14:00	87	68	18	0	1
15:00	121	103	17	0	1
16:00	118	94	18	3	3
17:00	125	100	24	0	1
18:00	64	50	14	0	0
19:00	33	26	6	0	1
20:00	22	21	1	0	0
21:00	22	21	1	0	0
22:00	4	2	1	0	1
23:00	1	1	0	0	0
Total					
12H(7-19)	1592	1318	259	3	12
16H(6-22)	1697	1409	271	3	14
18H(6-24)	1702	1412	272	3	15
24H(0-24)	1743	1451	274	3	15
AM Peak	08:00 313	08:00 279	08:00 33	00:00 0	06:00 1
PM Peak	13:00 158	13:00 133	13:00 24	16:00 3	16:00 3

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	6	4	1	0	1
01:00	2	1	0	1	0
02:00	3	3	0	0	0
03:00	9	5	4	0	0
04:00	9	8	0	1	0
05:00	50	46	2	1	1
06:00	51	45	5	0	1
07:00	218	200	17	0	1
08:00	472	427	44	0	1
09:00	230	185	45	0	0
10:00	179	147	31	0	1
11:00	221	171	48	0	2
12:00	231	197	33	0	1
13:00	297	258	37	0	2
14:00	210	181	27	0	2
15:00	271	227	43	0	1
16:00	326	284	34	3	5
17:00	381	342	37	0	2
18:00	146	125	20	1	0
19:00	87	79	7	0	1
20:00	65	57	5	3	0
21:00	50	47	2	0	1
22:00	13	10	2	0	1
23:00	9	9	0	0	0
Total					
12H(7-19)	3182	2744	416	4	18
16H(6-22)	3435	2972	435	7	21
18H(6-24)	3457	2991	437	7	22
24H(0-24)	3536	3058	444	10	24
AM Peak	08:00 472	08:00 427	11:00 48	01:00 1	11:00 2
PM Peak	17:00 381	17:00 342	15:00 43	16:00 3	16:00 5

360 TSL Ltd



# North Wales ATC 21, B5381 Glascoed Road

Direction: Eastbound

30/04/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	5	4	1	0	0
01:00	3	1	1	0	1
02:00	2	1	0	1	0
03:00	2	1	1	0	0
04:00	1	1	0	0	0
05:00	13	11	2	0	0
06:00	16	15	1	0	0
07:00	25	23	2	0	0
08:00	33	32	0	0	1
09:00	54	44	9	1	0
10:00	76	74	2	0	0
11:00	80	78	1	1	0
12:00	77	67	9	0	1
13:00	62	58	4	0	0
14:00	77	68	7	1	1
15:00	75	66	8	0	1
16:00	85	78	6	0	1
17:00	60	54	4	1	1
18:00	57	55	2	0	0
19:00	26	24	2	0	0
20:00	30	29	1	0	0
21:00	15	13	1	0	1
22:00	6	5	1	0	0
23:00	4	4	0	0	0
Total					
12H(7-19)	761	697	54	4	6
16H(6-22)	848	778	59	4	7
18H(6-24)	858	787	60	4	7
24H(0-24)	884	806	65	5	8
AM Peak	11:00	11:00	09:00	02:00	01:00
	80	78	9	1	1
PM Peak	16:00	16:00	12:00	14:00	12:00
	85	78	9	1	1

360 TSL Ltd

Direction: Westbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	2	2	0	0	0
01:00	4	4	0	0	0
02:00	2	2	0	0	0
03:00	0	0	0	0	0
04:00	7	7	0	0	0
05:00	8	6	1	0	1
06:00	21	19	1	0	1
07:00	26	23	2	0	1
08:00	37	33	3	0	1
09:00	61	48	13	0	0
10:00	81	69	12	0	0
11:00	135	129	6	0	0
12:00	84	69	14	1	0
13:00	74	66	6	1	1
14:00	75	60	14	0	1
15:00	67	64	3	0	0
16:00	60	55	3	1	1
17:00	32	27	4	0	1
18:00	29	22	6	0	1
19:00	27	23	1	2	1
20:00	11	6	3	0	2
21:00	23	19	3	0	1
22:00	7	6	1	0	0
23:00	4	3	0	1	0
Total					
12H(7-19)	761	665	86	3	7
16H(6-22)	843	732	94	5	12
18H(6-24)	854	741	95	6	12
24H(0-24)	877	762	96	6	13
AM Peak	11:00	11:00	09:00	00:00	05:00
	135	129	13	0	1
PM Peak	12:00	12:00	12:00	19:00	20:00
	84	69	14	2	2

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	7	6	1	0	0
01:00	7	5	1	0	1
02:00	4	3	0	1	0
03:00	2	1	1	0	0
04:00	8	8	0	0	0
05:00	21	17	3	0	1
06:00	37	34	2	0	1
07:00	51	46	4	0	1
08:00	70	65	3	0	2
09:00	115	92	22	1	0
10:00	157	143	14	0	0
11:00	215	207	7	1	0
12:00	161	136	23	1	1
13:00	136	124	10	1	1
14:00	152	128	21	1	2
15:00	142	130	11	0	1
16:00	145	133	9	1	2
17:00	92	81	8	1	2
18:00	86	77	8	0	1
19:00	53	47	3	2	1
20:00	41	35	4	0	2
21:00	38	32	4	0	2
22:00	13	11	2	0	0
23:00	8	7	0	1	0
Total					
12H(7-19)	1522	1362	140	7	13
16H(6-22)	1691	1510	153	9	19
18H(6-24)	1712	1528	155	10	19
24H(0-24)	1761	1568	161	11	21
AM Peak	11:00	11:00	09:00	02:00	08:00
	215	207	22	1	2
PM Peak	12:00	12:00	12:00	19:00	14:00
	161	136	23	2	2

360 TSL Ltd



# North Wales ATC 21, B5381 Glascoed Road

Direction: Eastbound

01/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	5	4	0	1	0
01:00	1	1	0	0	0
02:00	0	0	0	0	0
03:00	0	0	0	0	0
04:00	2	2	0	0	0
05:00	1	1	0	0	0
06:00	6	6	0	0	0
07:00	6	5	1	0	0
08:00	18	17	1	0	0
09:00	28	27	1	0	0
10:00	53	50	3	0	0
11:00	68	62	5	1	0
12:00	66	58	7	0	1
13:00	77	75	1	1	0
14:00	86	81	4	1	0
15:00	70	65	5	0	0
16:00	76	67	7	2	0
17:00	89	88	1	0	0
18:00	37	33	4	0	0
19:00	33	33	0	0	0
20:00	13	12	1	0	0
21:00	19	18	1	0	0
22:00	6	6	0	0	0
23:00	1	1	0	0	0
Total					
12H(7-19)	674	628	40	5	1
16H(6-22)	745	697	42	5	1
18H(6-24)	752	704	42	5	1
24H(0-24)	761	712	42	6	1
AM Peak	11:00	11:00	11:00	00:00	00:00
	68	62	5	1	0
PM Peak	17:00	17:00	12:00	16:00	12:00
	89	88	7	2	1

360 TSL Ltd

Direction: Westbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	1	1	0	0	0
01:00	2	1	1	0	0
02:00	1	1	0	0	0
03:00	0	0	0	0	0
04:00	6	6	0	0	0
05:00	5	4	1	0	0
06:00	12	11	1	0	0
07:00	23	21	2	0	0
08:00	23	22	1	0	0
09:00	41	39	2	0	0
10:00	75	71	4	0	0
11:00	66	63	3	0	0
12:00	74	68	6	0	0
13:00	68	63	5	0	0
14:00	60	53	7	0	0
15:00	49	46	3	0	0
16:00	49	41	7	1	0
17:00	37	36	1	0	0
18:00	27	24	2	0	1
19:00	40	39	1	0	0
20:00	14	14	0	0	0
21:00	7	6	1	0	0
22:00	5	4	0	1	0
23:00	3	3	0	0	0
Total					
12H(7-19)	592	547	43	1	1
16H(6-22)	665	617	46	1	1
18H(6-24)	673	624	46	2	1
24H(0-24)	688	637	48	2	1
AM Peak	10:00	10:00	10:00	00:00	00:00
	75	71	4	0	0
PM Peak	12:00	12:00	14:00	16:00	18:00
	74	68	7	1	1

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	6	5	0	1	0
01:00	3	2	1	0	0
02:00	1	1	0	0	0
03:00	0	0	0	0	0
04:00	8	8	0	0	0
05:00	6	5	1	0	0
06:00	18	17	1	0	0
07:00	29	26	3	0	0
08:00	41	39	2	0	0
09:00	69	66	3	0	0
10:00	128	121	7	0	0
11:00	134	125	8	1	0
12:00	140	126	13	0	1
13:00	145	138	6	1	0
14:00	146	134	11	1	0
15:00	119	111	8	0	0
16:00	125	108	14	3	0
17:00	126	124	2	0	0
18:00	64	57	6	0	1
19:00	73	72	1	0	0
20:00	27	26	1	0	0
21:00	26	24	2	0	0
22:00	11	10	0	1	0
23:00	4	4	0	0	0
Total					
12H(7-19)	1266	1175	83	6	2
16H(6-22)	1410	1314	88	6	2
18H(6-24)	1425	1328	88	7	2
24H(0-24)	1449	1349	90	8	2
AM Peak	11:00	11:00	11:00	00:00	00:00
	134	125	8	1	0
PM Peak	14:00	13:00	16:00	16:00	12:00
	146	138	14	3	1

360 TSL Ltd



# North Wales ATC 21, B5381 Glascoed Road

Direction: Eastbound

02/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	8	8	0	0	0
01:00	1	0	1	0	0
02:00	2	0	2	0	0
03:00	0	0	0	0	0
04:00	2	2	0	0	0
05:00	3	2	0	1	0
06:00	6	6	0	0	0
07:00	8	7	1	0	0
08:00	21	20	1	0	0
09:00	37	35	2	0	0
10:00	76	71	5	0	0
11:00	101	97	4	0	0
12:00	118	108	10	0	0
13:00	80	78	1	1	0
14:00	106	99	5	1	1
15:00	71	65	6	0	0
16:00	100	95	4	1	0
17:00	120	119	1	0	0
18:00	58	54	4	0	0
19:00	29	29	0	0	0
20:00	22	20	2	0	0
21:00	19	18	1	0	0
22:00	14	13	0	1	0
23:00	1	1	0	0	0
Total					
12H(7-19)	896	848	44	3	1
16H(6-22)	972	921	47	3	1
18H(6-24)	987	935	47	4	1
24H(0-24)	1003	947	50	5	1
AM Peak	11:00 101	11:00 97	10:00 5	05:00 1	00:00 0
PM Peak	17:00 120	17:00 119	12:00 10	13:00 1	14:00 1

360 TSL Ltd

Direction: Westbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	4	4	0	0	0
01:00	12	12	0	0	0
02:00	2	1	0	1	0
03:00	0	0	0	0	0
04:00	11	11	0	0	0
05:00	7	4	3	0	0
06:00	13	11	2	0	0
07:00	25	22	3	0	0
08:00	40	38	2	0	0
09:00	78	74	4	0	0
10:00	128	124	4	0	0
11:00	117	113	4	0	0
12:00	122	115	7	0	0
13:00	97	87	10	0	0
14:00	102	99	3	0	0
15:00	61	58	3	0	0
16:00	105	83	20	2	0
17:00	36	35	1	0	0
18:00	43	35	7	0	1
19:00	46	44	2	0	0
20:00	24	24	0	0	0
21:00	11	9	2	0	0
22:00	6	6	0	0	0
23:00	8	8	0	0	0
Total					
12H(7-19)	954	883	68	2	1
16H(6-22)	1048	971	74	2	1
18H(6-24)	1062	985	74	2	1
24H(0-24)	1098	1017	77	3	1
AM Peak	10:00 128	10:00 124	09:00 4	02:00 1	00:00 0
PM Peak	12:00 122	12:00 115	16:00 20	16:00 2	18:00 1

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	12	12	0	0	0
01:00	13	12	1	0	0
02:00	4	1	2	1	0
03:00	0	0	0	0	0
04:00	13	13	0	0	0
05:00	10	6	3	1	0
06:00	19	17	2	0	0
07:00	33	29	4	0	0
08:00	61	58	3	0	0
09:00	115	109	6	0	0
10:00	204	195	9	0	0
11:00	218	210	8	0	0
12:00	240	223	17	0	0
13:00	177	165	11	1	0
14:00	208	198	8	1	1
15:00	132	123	9	0	0
16:00	205	178	24	3	0
17:00	156	154	2	0	0
18:00	101	89	11	0	1
19:00	75	73	2	0	0
20:00	46	44	2	0	0
21:00	30	27	3	0	0
22:00	20	19	0	1	0
23:00	9	9	0	0	0
Total					
12H(7-19)	1850	1731	112	5	2
16H(6-22)	2020	1892	121	5	2
18H(6-24)	2049	1920	121	6	2
24H(0-24)	2101	1964	127	8	2
AM Peak	11:00 218	11:00 210	10:00 9	02:00 1	00:00 0
PM Peak	12:00 240	12:00 223	16:00 24	16:00 3	14:00 1

360 TSL Ltd



# North Wales ATC 21, B5381 Glascoed Road

Direction: Eastbound

03/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	3	3	0	0	0
01:00	1	1	0	0	0
02:00	1	1	0	0	0
03:00	0	0	0	0	0
04:00	4	3	1	0	0
05:00	8	5	3	0	0
06:00	40	32	8	0	0
07:00	65	54	11	0	0
08:00	156	137	18	1	0
09:00	87	72	13	1	1
10:00	81	62	18	0	1
11:00	86	69	14	2	1
12:00	124	108	16	0	0
13:00	125	109	15	1	0
14:00	118	104	14	0	0
15:00	149	131	17	1	0
16:00	243	213	29	0	1
17:00	233	220	12	0	1
18:00	68	63	5	0	0
19:00	49	46	3	0	0
20:00	27	26	1	0	0
21:00	28	24	3	0	1
22:00	15	14	1	0	0
23:00	3	3	0	0	0
Total					
12H(7-19)	1535	1342	182	6	5
16H(6-22)	1679	1470	197	6	6
18H(6-24)	1697	1487	198	6	6
24H(0-24)	1714	1500	202	6	6
AM Peak	08:00 156	08:00 137	08:00 18	11:00 2	09:00 1
PM Peak	16:00 243	17:00 220	16:00 29	13:00 1	16:00 1

360 TSL Ltd

Direction: Westbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	0	0	0	0	0
01:00	0	0	0	0	0
02:00	1	1	0	0	0
03:00	2	1	1	0	0
04:00	4	4	0	0	0
05:00	30	29	1	0	0
06:00	39	37	2	0	0
07:00	149	142	7	0	0
08:00	277	228	42	1	6
09:00	115	96	19	0	0
10:00	128	99	27	1	1
11:00	79	64	12	1	2
12:00	98	71	22	1	4
13:00	102	84	16	1	1
14:00	105	83	19	1	2
15:00	114	87	23	0	4
16:00	94	76	15	0	3
17:00	123	104	18	0	1
18:00	38	32	4	1	1
19:00	33	32	1	0	0
20:00	32	31	1	0	0
21:00	26	22	4	0	0
22:00	12	11	1	0	0
23:00	1	1	0	0	0
Total					
12H(7-19)	1422	1166	224	7	25
16H(6-22)	1552	1288	232	7	25
18H(6-24)	1565	1300	233	7	25
24H(0-24)	1602	1335	235	7	25
AM Peak	08:00 277	08:00 228	08:00 42	08:00 1	08:00 6
PM Peak	17:00 123	17:00 104	15:00 23	12:00 1	12:00 4

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	3	3	0	0	0
01:00	1	1	0	0	0
02:00	2	2	0	0	0
03:00	2	1	1	0	0
04:00	8	7	1	0	0
05:00	38	34	4	0	0
06:00	79	69	10	0	0
07:00	214	196	18	0	0
08:00	433	365	60	2	6
09:00	202	168	32	1	1
10:00	209	161	45	1	2
11:00	165	133	26	3	3
12:00	222	179	38	1	4
13:00	227	193	31	2	1
14:00	223	187	33	1	2
15:00	263	218	40	1	4
16:00	337	289	44	0	4
17:00	356	324	30	0	2
18:00	106	95	9	1	1
19:00	82	78	4	0	0
20:00	59	57	2	0	0
21:00	54	46	7	0	1
22:00	27	25	2	0	0
23:00	4	4	0	0	0
Total					
12H(7-19)	2957	2508	406	13	30
16H(6-22)	3231	2758	429	13	31
18H(6-24)	3262	2787	431	13	31
24H(0-24)	3316	2835	437	13	31
AM Peak	08:00 433	08:00 365	08:00 60	11:00 3	08:00 6
PM Peak	17:00 356	17:00 324	16:00 44	13:00 2	12:00 4

360 TSL Ltd



# North Wales ATC 21, B5381 Glascoed Road

Direction: Eastbound

04/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	4	3	1	0	0
01:00	0	0	0	0	0
02:00	2	2	0	0	0
03:00	4	4	0	0	0
04:00	2	2	0	0	0
05:00	11	9	1	0	1
06:00	26	25	1	0	0
07:00	68	62	6	0	0
08:00	152	134	18	0	0
09:00	92	77	14	1	0
10:00	117	103	14	0	0
11:00	86	75	10	0	1
12:00	139	131	8	0	0
13:00	125	110	14	0	1
14:00	137	125	11	0	1
15:00	140	117	23	0	0
16:00	242	219	21	0	2
17:00	243	234	7	0	2
18:00	77	72	5	0	0
19:00	61	57	2	2	0
20:00	36	34	1	1	0
21:00	29	25	3	0	1
22:00	11	10	1	0	0
23:00	3	3	0	0	0
Total					
12H(7-19)	1618	1459	151	1	7
16H(6-22)	1770	1600	158	4	8
18H(6-24)	1784	1613	159	4	8
24H(0-24)	1807	1633	161	4	9
AM Peak	08:00 152	08:00 134	08:00 18	09:00 1	05:00 1
PM Peak	17:00 243	17:00 234	15:00 23	19:00 2	16:00 2

360 TSL Ltd

Direction: Westbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	1	1	0	0	0
01:00	1	1	0	0	0
02:00	0	0	0	0	0
03:00	2	1	1	0	0
04:00	3	3	0	0	0
05:00	28	27	1	0	0
06:00	28	24	3	0	1
07:00	135	126	8	0	1
08:00	301	263	36	0	2
09:00	140	112	28	0	0
10:00	102	80	21	0	1
11:00	105	81	22	0	2
12:00	119	95	23	0	1
13:00	144	117	27	0	0
14:00	80	67	12	0	1
15:00	95	69	23	2	1
16:00	121	96	22	0	3
17:00	115	95	19	0	1
18:00	60	53	7	0	0
19:00	30	23	6	0	1
20:00	28	27	1	0	0
21:00	28	26	2	0	0
22:00	8	6	1	0	1
23:00	1	1	0	0	0
Total					
12H(7-19)	1517	1254	248	2	13
16H(6-22)	1631	1354	260	2	15
18H(6-24)	1640	1361	261	2	16
24H(0-24)	1675	1394	263	2	16
AM Peak	08:00 301	08:00 263	08:00 36	00:00 0	08:00 2
PM Peak	13:00 144	13:00 117	13:00 27	15:00 2	16:00 3

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	5	4	1	0	0
01:00	1	1	0	0	0
02:00	2	2	0	0	0
03:00	6	5	1	0	0
04:00	5	5	0	0	0
05:00	39	36	2	0	1
06:00	54	49	4	0	1
07:00	203	188	14	0	1
08:00	453	397	54	0	2
09:00	232	189	42	1	0
10:00	219	183	35	0	1
11:00	191	156	32	0	3
12:00	258	226	31	0	1
13:00	269	227	41	0	1
14:00	217	192	23	0	2
15:00	235	186	46	2	1
16:00	363	315	43	0	5
17:00	358	329	26	0	3
18:00	137	125	12	0	0
19:00	91	80	8	2	1
20:00	64	61	2	1	0
21:00	57	51	5	0	1
22:00	19	16	2	0	1
23:00	4	4	0	0	0
Total					
12H(7-19)	3135	2713	399	3	20
16H(6-22)	3401	2954	418	6	23
18H(6-24)	3424	2974	420	6	24
24H(0-24)	3482	3027	424	6	25
AM Peak	08:00 453	08:00 397	08:00 54	09:00 1	11:00 3
PM Peak	16:00 363	17:00 329	15:00 46	15:00 2	16:00 5

360 TSL Ltd



North Wales ATC 21, B5381 Glascoed Road

Direction: Eastbound

Hour Beginning	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-15	Bin 3 15-20	Bin 4 20-25	Bin 5 25-30	Bin 6 30-35	Bin 7 35-40	Bin 8 40-45	Bin 9 45-50	Bin 10 50-55	Bin 11 55-60	Bin 12 >60	
00:00	3	32.2	29.2	2.9	0	0	0	0	2	1	0	0	0	0	0	0	
01:00	1	-	52.5	-	0	0	0	0	0	0	0	0	0	1	0	0	
02:00	1	-	42.5	-	0	0	0	0	0	0	0	0	0	0	0	0	
03:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0	
04:00	7	43.8	36.1	7.5	0	0	0	0	0	5	1	0	0	1	0	0	
05:00	8	34.5	30.6	3.7	0	0	0	0	4	3	1	0	0	0	0	0	
06:00	41	41.3	36.3	4.8	0	0	0	0	3	15	13	9	1	0	0	0	
07:00	57	37.7	32.2	5.3	0	0	0	0	1	18	20	12	3	1	0	0	
08:00	149	38.9	32.5	6.2	0	0	4	12	20	78	21	10	2	1	1	0	
09:00	101	37.2	31.6	5.6	0	0	0	10	28	43	18	4	0	0	0	0	
10:00	63	35.2	30.4	4.6	0	0	0	4	32	16	9	2	0	0	0	0	
11:00	78	36.2	30.9	5.1	0	1	0	3	32	30	8	3	1	0	0	0	
12:00	128	36.2	31.4	4.6	0	0	0	3	55	42	25	1	2	0	0	0	
13:00	117	38.0	32.2	5.7	0	0	2	5	36	43	21	7	3	0	0	0	
14:00	118	37.1	31.3	5.6	0	1	3	3	47	33	24	7	0	0	0	0	
15:00	136	37.2	30.9	6.1	1	2	10	7	48	37	17	8	2	0	0	0	
16:00	200	35.3	30.9	5.1	0	1	9	10	35	95	29	4	2	0	0	0	
17:00	200	38.0	32.2	6.5	3	0	1	10	64	61	39	16	6	0	0	0	
18:00	76	37.6	32.2	5.2	0	0	1	1	23	35	11	2	3	0	0	0	
19:00	30	35.4	30.3	4.9	0	0	0	2	14	11	2	0	1	0	0	0	
20:00	29	42.1	32.0	8.8	0	1	0	3	13	1	6	1	4	0	0	0	
21:00	35	36.2	32.3	5.7	0	0	1	2	3	11	7	1	0	0	0	0	
22:00	11	40.1	33.0	6.9	0	0	0	0	5	3	1	1	1	1	0	0	
23:00	2	38.7	35.0	3.5	0	0	0	0	0	1	1	0	0	0	0	0	
Total																	
2H(10-12)	141	35.7	30.7	4.9	0	1	0	7	64	46	17	5	1	0	0	0	
2H(14-16)	254	37.2	31.1	5.8	1	2	5	13	94	81	41	15	2	0	0	0	
12H(7-19)	1473	37.2	31.4	5.8	4	4	16	95	497	531	234	67	23	2	1	0	
24H(0-24)	1631	37.5	31.6	5.8	4	5	17	102	541	502	266	80	29	4	1	0	
AM Peak	08:00	149	38.9	32.5	6.2	0	0	4	12	32	78	21	10	2	1	1	0
PM Peak	16:00	200	38.0	32.2	6.5	3	0	1	10	64	61	39	16	6	0	0	0
	20:00	76	37.6	32.2	5.2	0	0	1	1	23	35	11	2	3	0	0	0
	22:00	11	40.1	33.0	6.9	0	0	0	0	5	3	1	1	1	0	0	0

360 TSL Ltd

Direction: Westbound

Hour	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-15	Bin 3 15-20	Bin 4 20-25	Bin 5 25-30	Bin 6 30-35	Bin 7 35-40	Bin 8 40-45	Bin 9 45-50	Bin 10 50-55	Bin 11 55-60	Bin 12 >60	
00:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0	
01:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0	
02:00	2	37.5	37.5	0.0	0	0	0	0	0	0	2	0	0	0	0	0	
03:00	2	37.5	37.5	0.0	0	0	0	0	0	0	2	0	0	0	0	0	
04:00	5	42.2	36.5	5.5	0	0	0	0	0	3	0	3	0	0	0	0	
05:00	47	47.5	38.0	8.2	1	0	0	1	4	4	19	14	1	1	0	0	
06:00	42	39.2	34.6	4.4	0	0	0	1	4	17	16	4	0	0	0	0	
07:00	149	39.1	33.6	5.3	1	1	3	3	24	61	48	10	1	0	0	0	
08:00	299	38.0	33.5	4.4	0	0	0	3	51	152	74	35	3	1	0	0	
09:00	109	38.8	32.5	6.0	0	1	0	8	26	40	27	4	1	2	0	0	
10:00	138	37.3	31.5	5.6	1	3	1	4	35	62	30	1	1	0	0	0	
11:00	71	38.4	33.6	4.6	0	0	0	1	15	27	23	5	0	0	0	0	
12:00	87	39.3	33.5	5.6	0	0	0	4	22	27	21	13	0	0	0	0	
13:00	86	38.7	33.5	5.0	0	0	0	3	15	42	14	12	0	0	0	0	
14:00	82	37.1	30.4	6.5	0	3	2	8	24	25	17	3	0	0	0	0	
15:00	101	37.6	32.9	4.5	0	0	0	1	27	43	23	7	0	0	0	0	
16:00	90	37.9	32.7	5.0	0	0	0	3	22	43	13	8	1	0	0	0	
17:00	126	40.1	35.2	4.7	0	0	0	1	14	49	43	20	1	0	0	0	
18:00	42	41.3	35.8	5.3	0	0	1	0	4	9	22	5	1	0	0	0	
19:00	38	38.5	29.5	6.7	0	1	3	0	20	7	4	1	0	1	0	0	
20:00	33	38.5	33.4	4.9	0	0	0	0	8	16	4	5	0	0	0	0	
21:00	16	42.5	33.2	9.0	0	0	0	1	2	5	3	4	0	0	0	0	
22:00	14	40.5	40.7	0.0	0	0	0	0	2	1	6	0	3	0	0	0	
23:00	1	-	33.5	-	0	0	0	0	0	1	0	0	0	0	0	0	
Total																	
2H(10-12)	209	37.7	32.2	5.3	1	3	1	5	50	89	53	6	1	0	0	0	
2H(14-16)	183	37.6	31.8	5.6	0	3	2	9	51	68	40	10	0	0	0	0	
12H(7-19)	1382	38.6	33.2	5.2	2	8	4	39	279	580	355	103	9	3	0	0	
24H(0-24)	1582	39.2	33.4	5.6	4	10	5	44	316	635	406	139	14	8	1	0	
AM Peak	08:00	149.0	38.9	32.5	6.2	1	5	1	8	51	152	74	35	5	2	1	0
PM Peak	17:00	126.0	40.1	35.4	4.7	0	0	1	14	49	43	20	1	0	0	0	
	22:00	14.0	40.7	40.7	0.0	0	0	0	2	1	6	0	3	0	0	0	
	23:00	1.0	40.5	32.5	-	0	0	0	0	1	0	0	0	0	0	0	

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-15	Bin 3 15-20	Bin 4 20-25	Bin 5 25-30	Bin 6 30-35	Bin 7 35-40	Bin 8 40-45	Bin 9 45-50	Bin 10 50-55	Bin 11 55-60	Bin 12 >60
00:00	3	32.2	29.2	2.9	0	0	0	0	2	1	0	0	0	0	0	0
01:00	1	-	52.5	-	0	0	0	0	0	0	0	0	0	1	0	0
02:00	1	-	42.2	2.9	0	0	0	0	0	0	2	1	0	0	0	0
03:00	2	37.5	37.5	0.0	0	0	0	0	0	0	2	0	0	0	0	0
04:00	12	42.9	36.3	8.4	0	0	0	0	0	8	1	2	0	0	1	0
05:00	55	46.3	37.8	8.2	1	1	0	0	5	7	20	14	5	1	1	0
06:00	63	40.3	35.5	4.7	0	0	0	0	1	7	32	29	13	1	0	0
07:00	206	38.7	33.2	5.3	1	1	1	0	6	42	81	60	13	2	0	0
08:00	448	38.4	33.2	5.0	0	0	4	15	71	230	95	25	5	2	1	0
09:00	210	38.0	32.1	5.7	0	0	0	18	54	89	45	8	1	3	0	0
10:00	201	36.6	31.1	5.3	1	3	1	8	67	78	39	3	1	0	0	0
11:00	149	37.4	32.2	5.0	0	0	0	3	47	57	21	8	0	0	0	0
12:00	215	37.6	32.2	5.1	0	0	0	7	77	69	46	14	2	0	0	0
13:00	203	38.4	32.7	5.4	0	0	0	8	51	85	35	10	1	0	0	0
14:00	200	37.1	30.9	6.0	0	4	5	11	71	58	41	10	0	0	0	0
15:00	237	37.5	31.8	5.5	1	1	2	11	74	91	40	15	2	0	0	0
16:00	140	36.1	30.7	5.2	0	0	3	34	117	128	42	12	3	0	0	0
17:00	128	39.7	33.4	6.1	3	0	1	11	78	110	82	36	7	0	0	0
18:00	118	39.2	33.5	5.5	0	0	0	2	1	27	44	33	7	4	0	0
19:00	68	36.0	29.9	6.0	0	1	1	5	34	18	6	1	1	1	0	0
20:00	62	40.0	32.7	7.0	0	1	0	3	21	17	10	6	4	0	0	0
21:00	41	40.0	32.6	7.1	0	0	1	3	1	16	10	1	0	0	0	0
22:00	25	46.2	37.3	8.6	0	0	0	0	7	5	2	7	1	3	0	0
23:00	1	37.2	36.2	2.9	0	0	0	0	0	2	1	0	0	0	0	0
Total																
2H(10-12)	350	37.0	31.6	5.2	1	4	1	12	114	135	70	11	2	0	0	0
2H(14-16)	437	37.3	31.4	5.8	1	5	7	22	145	149	81	25	2	0	0	0
12H(7-19)	2655	38.0	32.3	5.5	6	12	20	104	1112	1188	588	135	38	10	0	0
AM Peak	3213	38.4	32.5	5.8	8	15	22	146	785	1217	672	219	43	12	2	0
AM Peak	448	46.3	52.5	8.2	1	5	4	18	71	230	95	25	5	3	1	0
PM Peak	206	22.0	22.0	22.0	1700	1440	1400	1600	1600	1600	1700	1700	2200	2200	1200	1200



North Wales ATC 21, B5381 Glascoed Road

Direction: Eastbound

29/04/2022																
Hour Beginning	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-15	Bin 3 15-20	Bin 4 20-25	Bin 5 25-30	Bin 6 30-35	Bin 7 35-40	Bin 8 40-45	Bin 9 45-50	Bin 10 50-55	Bin 11 55-60	Bin 12 >60
00:00	5	39.1	32.5	7.1	0	0	0	0	0	0	0	0	0	0	0	0
01:00	1	-	22.5	-	0	0	0	1	0	0	0	0	0	0	0	0
02:00	3	37.3	24.0	0	0	0	0	0	2	1	0	0	0	0	0	0
03:00	7	40.5	37.5	2.9	0	0	0	0	0	1	5	1	0	0	0	0
04:00	5	37.2	31.5	5.5	0	0	0	0	3	0	2	0	0	0	0	0
05:00	17	47.2	38.7	8.2	0	0	0	0	2	7	9	2	0	0	2	0
06:00	23	41.9	36.2	5.5	0	0	0	1	2	5	9	6	0	0	0	0
07:00	45	39.6	33.3	6.1	0	1	0	0	3	14	21	20	4	2	0	0
08:00	159	36.6	31.1	5.3	0	0	0	0	17	57	48	27	10	0	0	0
09:00	85	38.7	33.1	5.3	0	0	2	3	14	35	27	2	0	0	0	0
10:00	90	38.0	32.6	5.2	0	0	0	4	24	38	18	3	3	0	0	0
11:00	108	35.1	30.3	4.6	0	0	2	6	46	40	11	3	0	0	0	0
12:00	125	38.0	30.4	5.4	0	0	1	12	59	27	18	8	0	0	0	0
13:00	139	35.8	30.4	5.2	0	0	1	11	64	40	20	1	1	0	1	0
14:00	123	37.3	31.2	5.9	1	0	1	7	47	43	14	8	1	1	0	0
15:00	150	36.0	31.2	4.6	0	0	0	9	55	55	28	3	1	0	0	0
16:00	208	36.9	33.4	5.2	0	1	4	8	73	74	38	5	0	0	0	0
17:00	256	36.3	31.2	5.0	0	0	1	24	75	112	31	12	1	0	0	0
18:00	82	39.4	33.4	5.8	0	0	1	3	22	19	30	5	2	0	0	0
19:00	54	43.4	35.8	7.3	0	0	1	2	3	21	18	4	1	3	1	0
20:00	43	42.1	35.3	6.6	0	0	0	1	7	18	5	9	2	1	0	0
21:00	28	40.2	32.5	7.5	0	0	1	2	11	3	4	7	0	0	0	0
22:00	9	40.7	32.5	7.9	0	0	1	0	1	5	1	0	1	0	0	0
23:00	8	45.9	38.8	6.9	0	0	0	0	1	0	5	1	0	1	0	0
Total																
2016-18	198	36.5	31.3	5.0	0	0	2	10	70	78	29	6	3	0	0	0
2014-16	273	36.6	31.2	5.2	1	0	1	16	102	98	42	10	2	1	0	0
12H7-19	1580	36.9	31.4	5.3	1	2	13	107	550	552	283	68	13	1	1	0
24H9-24	1793	37.7	31.8	5.7	1	2	16	114	583	609	342	89	17	6	4	0
AM Peak	08:00	05:00	05:00	05:00	05:00	07:00	09:00	08:00	08:00	08:00	08:00	08:00	10:00	09:00	05:00	00:00
	159	47.2	38.7	8.2	0	1	2	17	57	48	27	10	3	0	2	0
PM Peak	17:00	23:00	23:00	22:00	14:00	16:00	16:00	17:00	17:00	17:00	16:00	17:00	18:00	19:00	13:00	12:00
	256	45.9	38.8	7.9	1	1	4	24	75	112	31	12	2	3	1	0

360 TSL Ltd

Direction: Westbound

Hour Beginning	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-15	Bin 3 15-20	Bin 4 20-25	Bin 5 25-30	Bin 6 30-35	Bin 7 35-40	Bin 8 40-45	Bin 9 45-50	Bin 10 50-55	Bin 11 55-60	Bin 12 >60
00:00	1	-	32.5	-	0	0	0	0	0	1	0	0	0	0	0	0
01:00	1	-	27.5	-	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	2	38.7	35.0	8.9	0	0	0	0	0	1	1	0	0	0	0	0
04:00	4	46.9	36.3	10.3	0	0	0	0	2	0	0	1	1	0	0	0
05:00	13	43.5	35.3	7.6	1	0	0	0	8	14	7	0	1	0	0	0
06:00	28	40.2	33.6	6.4	0	0	0	1	10	4	10	1	2	0	0	0
07:00	153	39.8	34.4	5.3	1	0	1	2	15	74	37	22	1	0	0	0
08:00	133	38.7	34.1	4.5	0	0	2	50	130	103	27	0	0	0	0	0
09:00	145	38.7	33.6	4.9	0	0	1	6	24	51	58	4	0	1	0	0
10:00	89	36.3	30.9	5.1	0	1	0	6	34	29	16	3	0	0	0	0
11:00	113	37.1	31.8	5.1	0	0	0	8	36	40	23	5	1	0	0	0
12:00	106	35.9	30.0	5.8	0	0	5	17	27	38	16	3	0	0	0	0
13:00	158	35.2	29.9	5.1	0	0	3	31	45	64	11	7	0	0	0	0
14:00	87	38.8	33.2	5.4	0	0	0	3	26	21	30	6	1	0	0	0
15:00	122	37.7	32.3	6.2	0	0	2	7	29	44	35	3	1	0	0	0
16:00	118	38.0	32.6	5.2	0	0	0	1	45	37	22	12	1	0	0	0
17:00	125	39.7	34.1	5.4	0	0	1	1	27	43	38	12	2	1	0	0
18:00	64	40.1	32.8	7.0	0	1	1	3	20	13	18	6	1	1	0	0
19:00	33	38.6	34.2	5.3	0	0	0	1	4	16	9	1	2	0	0	0
20:00	22	40.0	34.3	5.5	0	0	0	1	3	11	2	0	0	0	0	0
21:00	22	39.1	31.2	7.7	1	0	0	1	7	8	3	1	1	0	0	0
22:00	4	41.5	33.8	7.5	0	0	0	0	1	1	0	1	1	0	0	0
23:00	1	-	32.5	-	0	0	0	0	0	1	0	0	0	0	0	0
Total																
2016-18	202	36.7	31.4	5.1	0	1	0	14	70	69	39	8	1	0	0	0
2014-16	288	38.2	32.7	6.3	0	0	2	10	55	65	65	9	2	0	0	0
12H7-19	1592	38.3	32.7	5.4	1	2	13	86	378	584	407	130	8	3	0	0
24H9-24	1743	38.5	32.8	5.5	3	2	13	90	412	631	449	134	15	4	0	0
AM Peak	08:00	04:00	04:00	04:00	05:00	10:00	08:00	11:00	08:00	08:00	08:00	08:00	06:00	05:00	00:00	00:00
	133	46.9	36.3	10.3	1	1	2	8	59	130	103	27	2	1	0	0
PM Peak	13:00	22:00	20:00	21:00	21:00	18:00	13:00	13:00	13:00	13:00	17:00	16:00	17:00	12:00	12:00	12:00
	158	41.5	36.9	7.7	1	1	5	32	45	64	28	12	2	1	0	0

360 TSL Ltd

Direction: Total Flow

Hour	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-15	Bin 3 15-20	Bin 4 20-25	Bin 5 25-30	Bin 6 30-35	Bin 7 35-40	Bin 8 40-45	Bin 9 45-50	Bin 10 50-55	Bin 11 55-60	Bin 12 >60	
00:00	6	39.1	32.5	6.3	0	0	0	0	3	1	1	1	0	0	0	0	
01:00	2	28.7	25.0	3.5	0	0	0	1	1	0	0	0	0	0	0	0	
02:00	3	37.2	34.2	2.9	0	0	0	0	0	2	1	0	0	0	0	0	
03:00	9	40.1	36.9	3.0	0	0	0	0	0	2	6	1	0	0	0	0	
04:00	9	43.7	33.6	7.8	0	0	0	0	5	0	2	1	0	0	0	0	
05:00	50	44.8	36.6	7.9	1	0	0	0	5	15	16	9	1	1	2	0	
06:00	51	41.1	34.8	6.1	0	0	0	2	12	9	19	7	0	0	0	0	
07:00	218	39.8	34.0	5.5	1	1	1	5	29	95	57	26	3	0	0	0	
08:00	472	38.3	33.1	5.0	0	0	2	18	107	178	130	37	0	0	0	0	
09:00	230	38.7	33.4	5.1	0	0	3	9	38	86	85	6	2	1	0	0	
10:00	179	37.2	31.7	5.2	0	1	0	10	58	67	34	6	3	0	0	0	
11:00	122	36.2	31.1	4.9	0	0	2	14	82	80	34	8	0	0	0	0	
12:00	221	36.0	30.2	5.6	0	0	6	29	86	65	34	11	0	0	0	0	
13:00	297	35.5	30.1	5.2	0	0	1	42	269	104	31	8	1	0	0	0	
14:00	210	38.0	32.1	5.8	1	0	1	10	75	64	44	34	2	1	0	0	
15:00	271	36.8	32.7	4.9	0	0	2	16	84	99	63	5	2	0	0	0	
16:00	336	37.2	31.8	5.2	0	1	4	9	118	111	60	22	1	0	0	0	
17:00	381	37.6	32.1	5.3	0	0	2	25	102	155	69	24	3	1	0	0	
18:00	146	39.7	33.2	6.3	0	1	2	6	42	33	48	11	3	0	0	0	
19:00	87	42.0	35.2	6.6	0	0	1	3	7	37	27	5	3	3	1	0	
20:00	65	41.4	35.0	6.2	0	0	0	2	12	21	16	11	2	1	0	0	
21:00	50	39.7	31.9	7.5	1	0	1	3	18	11	7	8	1	0	0	0	
22:00	13	40.6	32.9	7.5	0	0	1	0	3	5	2	1	1	0	0	0	
23:00	9	45.1	38.1	6.8	0	0	0	0	1	1	1	1	0	1	0	0	
Total																	
2016-18	400	36.6	31.4	5.1	0	1	2	24	140	147	68	14	4	0	0	0	
2014-16	481	37.9	33.9	5.3	1	0	3	26	137	183	108	17	21	0	0	0	
2014-16	24	38.4	33.4	5.4	2	4	26	138	148	148	139	21	24	10	4	0	
2014-20	936	38.1	32.3	5.6	0	4	29	204	995	1240	795	223	32	10	2	0	
PM Peak	08:00	05:00	03:00	00:00	3	1	5	3	18	107	178	130	37	3	1	2	0
PM Peak	17:00	12:00	21:00	21:00	14:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00



North Wales ATC 21, B5381 Glascoed Road

Direction: Eastbound

30/04/2022																			
Hour Beginning	Total Volume	ESD Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-15	Bin 3 15-20	Bin 4 20-25	Bin 5 25-30	Bin 6 30-35	Bin 7 35-40	Bin 8 40-45	Bin 9 45-50	Bin 10 50-55	Bin 11 55-60	Bin 12 >60			
00:00	5	47.4	30.5	7.6	0	0	0	0	0	0	0	0	0	0	0	0			
01:00	3	37.5	37.5	0.0	0	0	0	0	0	0	0	0	0	0	0	0			
02:00	2	27.5	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0			
03:00	2	47.5	47.5	0.0	0	0	0	0	0	0	0	0	0	2	0	0			
04:00	1	-	12.5	-	0	1	0	0	0	0	0	0	0	0	0	0			
05:00	13	44.0	36.3	7.4	0	0	0	0	0	0	0	0	2	0	0	0			
06:00	16	42.6	37.8	4.6	0	0	0	0	0	0	5	6	4	1	0	0			
07:00	25	38.4	31.5	4.6	0	1	0	0	2	7	1	1	1	0	0	0			
08:00	33	37.7	31.9	5.6	0	0	0	0	5	4	17	4	3	0	0	0			
09:00	54	39.1	32.6	6.3	0	0	1	3	20	6	18	6	0	0	0	0			
10:00	76	36.8	30.5	6.1	0	0	7	5	21	22	21	0	0	0	0	0			
11:00	80	37.5	31.9	5.3	0	0	1	2	31	24	15	7	0	0	0	0			
12:00	77	42.1	35.6	6.2	0	0	0	4	11	16	30	12	3	1	0	0			
13:00	62	36.0	29.6	6.1	1	1	0	5	30	17	3	5	0	0	0	0			
14:00	77	39.0	33.0	5.8	0	0	1	6	14	29	19	7	1	0	0	0			
15:00	75	37.5	31.4	5.9	0	1	1	4	28	21	14	6	0	0	0	0			
16:00	85	40.9	33.9	6.7	0	1	2	1	11	28	25	4	1	0	0	1			
17:00	60	40.7	33.8	6.7	0	0	1	4	11	13	7	12	2	0	0	0			
18:00	57	44.1	36.0	7.8	0	1	0	1	6	22	15	4	3	5	0	0			
19:00	26	39.3	34.0	5.1	0	0	0	1	4	10	8	3	0	0	0	0			
20:00	30	48.7	37.1	11.2	0	0	0	3	3	9	8	3	1	0	0	0			
21:00	15	39.0	30.9	7.8	1	0	0	0	4	6	0	2	0	0	0	0			
22:00	6	37.1	30.0	6.9	0	0	1	0	1	3	1	0	0	0	0	0			
23:00	4	31.2	25.3	4.8	0	0	0	2	1	1	0	0	0	0	0	0			
Total																			
2H(16-18)	156	37.2	31.2	5.8	0	0	8	7	52	45	36	7	0	0	0	0			
2H(14-16)	152	38.3	32.2	5.9	0	1	2	10	42	50	33	13	1	0	0	0			
12H(7-19)	761	39.4	32.7	6.5	1	5	14	42	194	241	139	67	30	7	0	1			
24H(0-24)	884	40.1	33.0	6.8	2	6	10	40	209	287	210	79	34	10	0	4			
AM Peak	11:00	03:00	03:00	06:00	06:00	04:00	10:00	08:00	11:00	11:00	10:00	11:00	03:00	05:00	00:00	00:00			
	80	47.5	47.5	7.6	0	1	7	5	31	24	21	7	2	2	0	0			
PM Peak	16:00	20:00	20:00	20:00	13:00	13:00	16:00	14:00	13:00	16:00	12:00	12:00	12:00	18:00	12:00	20:00			
	85	48.7	37.1	11.2	1	1	2	6	35	38	30	12	3	5	0	3			

360 TSL Ltd

Direction: Westbound

Hour Beginning	Total Volume	ESD Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-15	Bin 3 15-20	Bin 4 20-25	Bin 5 25-30	Bin 6 30-35	Bin 7 35-40	Bin 8 40-45	Bin 9 45-50	Bin 10 50-55	Bin 11 55-60	Bin 12 >60			
00:00	2	18.7	35.0	3.5	0	0	0	0	0	1	1	0	0	0	0	0			
01:00	4	51.2	46.3	4.8	0	0	0	0	0	2	1	1	0	0	0	0			
02:00	2	39.8	32.5	7.1	0	0	0	0	1	0	1	0	0	0	0	0			
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
04:00	7	40.5	27.6	12.5	1	1	0	0	1	1	3	0	0	0	0	0			
05:00	8	38.3	33.8	4.4	0	0	0	0	1	5	1	0	0	0	0	0			
06:00	21	42.9	37.5	5.2	0	0	0	0	2	3	11	3	2	0	0	0			
07:00	26	40.6	35.8	4.7	0	0	0	1	3	2	18	2	0	0	0	0			
08:00	37	43.2	32.7	10.2	4	0	0	4	0	12	6	1	12	0	0	0			
09:00	61	39.4	30.5	8.7	1	7	0	2	14	14	20	3	0	0	0	0			
10:00	81	36.7	29.9	6.6	2	0	1	14	24	19	20	6	0	0	0	0			
11:00	135	35.5	29.3	6.0	0	4	3	17	51	42	12	6	0	0	0	0			
12:00	84	36.2	30.7	5.3	1	1	0	3	31	34	12	2	0	0	0	0			
13:00	74	35.9	28.6	7.1	1	4	3	9	24	20	12	1	0	0	0	0			
14:00	75	37.5	30.4	6.9	1	4	1	1	27	23	15	3	0	0	0	0			
15:00	67	36.5	28.8	7.4	0	4	0	8	17	22	12	1	0	0	0	0			
16:00	60	37.0	32.3	4.5	0	0	0	3	16	21	20	0	0	0	0	0			
17:00	32	38.4	34.7	2.6	0	0	0	0	3	13	15	1	0	0	0	0			
18:00	29	40.2	35.1	4.8	0	0	0	1	3	9	12	4	0	0	0	0			
19:00	27	40.3	31.0	8.9	1	1	0	0	14	2	5	2	2	0	0	0			
20:00	11	40.5	33.9	6.4	0	0	0	0	0	1	1	1	0	0	0	0			
21:00	23	37.2	30.1	6.8	1	0	0	0	12	6	2	2	0	0	0	0			
22:00	7	33.9	24.7	8.9	1	0	1	0	3	1	0	0	0	0	0	0			
23:00	4	38.8	32.5	7.1	0	0	0	0	2	1	0	1	0	0	0	0			
Total																			
2H(10-12)	216	35.9	29.5	6.2	2	4	4	31	75	61	32	7	0	0	0	0			
2H(14-16)	142	37.1	29.7	7.2	1	8	9	4	44	45	27	4	0	0	0	0			
12H(7-19)	761	37.7	30.7	6.8	10	24	16	55	217	228	180	30	1	0	0	0			
24H(0-24)	877	38.2	30.9	7.1	14	26	17	55	256	254	205	42	7	1	0	0			
AM Peak	11:00	01:00	01:00	04:00	08:00	09:00	11:00	11:00	11:00	11:00	09:00	08:00	06:00	01:00	00:00	00:00			
	135	51.2	46.3	12.5	4	7	3	17	51	42	29	6	2	1	0	0			
PM Peak	12:00	20:00	18:00	18:00	13:00	13:00	15:00	13:00	13:00	13:00	16:00	18:00	18:00	12:00	12:00	20:00			
	84	40.5	35.1	8.9	1	4	8	9	31	34	20	4	2	0	0	0			

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	ESD Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-15	Bin 3 15-20	Bin 4 20-25	Bin 5 25-30	Bin 6 30-35	Bin 7 35-40	Bin 8 40-45	Bin 9 45-50	Bin 10 50-55	Bin 11 55-60	Bin 12 >60	
00:00	7	43.2	38.2	6.7	0	0	0	0	2	4	0	0	1	0	0		
01:00	7	48.5	42.5	5.8	0	0	0	0	0	3	2	1	1	0	0		
02:00	4	35.2	30.0	5.0	0	0	0	0	0	0	0	0	0	0	0		
03:00	2	47.5	47.5	0.0	0	0	0	0	0	0	0	0	2	0	0		
04:00	8	38.8	25.7	12.7	1	2	0	0	1	1	1	0	0	0	0		
05:00	21	42.0	35.4	6.4	0	0	0	0	1	14	3	1	0	2	0		
06:00	17	42.7	31.6	4.9	0	0	0	0	2	8	17	7	0	0	0		
07:00	51	39.3	33.7	6.0	0	1	0	3	10	8	26	3	0	0	0		
08:00	70	40.9	32.3	8.3	4	0	0	6	8	26	16	9	1	0	0		
09:00	115	39.4	31.5	7.7	1	7	1	5	34	30	38	9	0	0	0		
10:00	157	36.7	30.1	6.3	2	0	8	19	45	41	41	1	0	0	0		
11:00	155	36.4	30.2	5.9	0	4	6	19	82	66	27	13	0	0	0		
12:00	161	39.5	33.1	6.2	1	1	0	7	42	50	42	14	3	1	0		
13:00	136	39.0	29.1	6.7	2	5	3	14	34	37	15	6	0	0	0		
14:00	152	38.4	31.7	6.5	1	4	2	7	45	52	34	20	1	0	0		
15:00	142	37.2	30.2	6.8	0	5	9	7	45	43	26	7	0	0	0		
16:00	145	39.4	33.2	5.9	0	2	4	4	27	59	45	4	1	0	0		
17:00	92	40.1	34.1	5.8	0	1	2	4	14	36	22	13	2	0	0		
18:00	66	41.3	37.1	6.8	0	0	1	2	9	23	27	13	3	5	0		
19:00	53	40.1	32.5	7.4	1	1	0	1	18	12	13	5	0	0	0		
20:00	41	46.7	36.2	10.2	0	0	0	3	6	14	9	0	0	0	0		
21:00	38	37.8	31.4	7.1	2	0	0	0	1	14	2	1	0	0	0		
22:00	13	35.4	27.2	8.2	1	0	2	0	4	2	4	0	0	0	0		
23:00	8	36.1	29.4	6.5	0	0	0	0	1	3	2	0	1	0	0		
Total																	
2023-12-15	372	36.5	30.2	6.1	2	4	12	38	127	107	68	14	0	0	0		
2024	294	37.8	32.0	6.6	1	9	11	14	86	95	60	17	0	0	0		
2023-12-16	274	36.7	31.7	6.7	1	11	29	30	97	111	468	108	97	11	11	0	
Average	2416	39.3	32.0	7.0	16	32	32	103	403	408	245	121	21	11	0		
Hour	11:00	61:00	00:00	00:00	00:00	00:00	00:00	11:00	11:00	11:00	11:00	06:00	05:00	05:00	05:00	04:00	
PM Peak	12:00	12:00	20:00	20:00	20:00	20:00	11:00	13:00	13:00	16:00	16:00	12:00	12:00	18:00	12:00	20:00	
	12:00	46.7	39.3	12.7	2	8	9	8	14	34	34	14	0	0	0	0	



North Wales ATC 21, B5381 Glascoed Road

Direction: Eastbound

01/05/2022															
Hour Beginning	Total Volume	ESD Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-15	Bin 3 15-20	Bin 4 20-25	Bin 5 25-30	Bin 6 30-35	Bin 7 35-40	Bin 8 40-45	Bin 9 45-50	Bin 10 50-55	Bin 12 >=60
00:00	5	38.1	31.5	6.5	0	0	0	0	0	1	0	0	0	0	0
01:00	1	-	32.5	-	0	0	0	0	0	1	0	0	0	0	0
02:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0
03:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0
04:00	2	32.5	32.5	0.0	0	0	0	0	0	2	0	0	0	0	0
05:00	1	-	47.5	-	0	0	0	0	0	0	1	0	0	0	1
06:00	6	39.3	35.0	4.2	0	0	0	0	1	1	4	0	0	0	0
07:00	6	46.3	40.0	6.1	0	0	0	0	0	1	0	0	0	0	0
08:00	18	34.4	25.0	9.1	0	5	0	1	8	2	1	1	0	0	0
09:00	28	38.1	30.0	7.8	1	1	0	2	10	4	1	0	0	0	0
10:00	53	39.0	32.7	6.0	0	1	0	2	13	21	10	5	1	0	0
11:00	68	37.3	30.7	6.3	0	1	3	3	28	15	13	5	0	0	0
12:00	66	38.2	29.8	6.2	0	0	4	5	29	17	10	0	0	1	0
13:00	77	37.3	30.7	6.4	0	3	3	3	22	28	15	3	0	0	0
14:00	86	38.3	32.5	5.6	0	0	1	7	22	21	31	4	0	0	0
15:00	70	37.5	32.1	5.2	0	0	1	2	23	23	18	2	1	0	0
16:00	76	37.8	32.2	5.4	0	0	0	7	18	29	17	3	0	0	0
17:00	89	39.2	33.4	5.6	0	0	0	2	23	36	18	5	5	0	0
18:00	37	42.4	34.7	7.5	1	0	0	0	7	11	11	5	1	1	0
19:00	33	40.1	34.9	5.0	0	0	0	0	7	8	13	5	0	0	0
20:00	13	40.9	33.3	7.3	0	0	0	1	5	2	1	4	0	0	0
21:00	19	42.2	35.9	6.0	0	0	0	0	4	3	9	1	2	0	0
22:00	6	34.3	25.8	8.2	0	0	2	1	1	1	1	0	0	0	0
23:00	1	-	52.5	-	0	0	0	0	0	0	0	0	1	0	0
Total															
2H(10-12)	121	38.1	31.6	6.3	0	2	3	5	41	35	23	10	1	0	0
2H(14-16)	156	37.9	32.3	5.4	0	0	2	9	45	44	49	6	1	0	0
12H(7-19)	674	38.4	31.8	6.4	2	11	12	34	204	211	147	42	9	1	0
24H(0-24)	761	38.8	32.1	6.5	2	11	14	36	225	230	175	53	12	2	1
AM Peak	11:00	07:00	05:00	08:00	09:00	08:00	11:00	11:00	11:00	10:00	11:00	07:00	05:00	09:00	00:00
	68	46.3	47.5	9.1	1	5	3	3	28	21	13	5	1	0	0
PM Peak	17:00	18:00	21:00	22:00	18:00	13:00	12:00	14:00	12:00	17:00	14:00	17:00	17:00	18:00	12:00
	89	42.4	52.5	8.2	1	3	4	7	25	35	31	5	5	1	1

360 TSL Ltd

Direction: Westbound

01/05/2022															
Hour Beginning	Total Volume	ESD Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-15	Bin 3 15-20	Bin 4 20-25	Bin 5 25-30	Bin 6 30-35	Bin 7 35-40	Bin 8 40-45	Bin 9 45-50	Bin 10 50-55	Bin 12 >=60
00:00	1	-	32.5	-	0	0	0	0	0	1	0	0	0	0	0
01:00	2	39.8	32.5	7.1	0	0	0	0	0	1	0	0	1	0	0
02:00	1	-	37.5	-	0	0	0	0	0	0	1	0	0	0	0
03:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0
04:00	6	40.7	30.0	10.4	0	0	0	3	1	0	1	0	1	0	0
05:00	5	41.5	32.5	8.7	0	0	0	0	3	1	0	0	1	0	0
06:00	12	46.5	38.3	6.0	0	0	0	0	0	4	4	3	0	1	0
07:00	23	42.0	37.1	4.7	0	0	0	0	1	5	14	2	0	1	0
08:00	23	42.3	36.0	6.1	0	0	0	0	0	5	6	1	0	0	0
09:00	41	39.3	34.1	5.1	0	0	0	1	8	13	16	2	1	0	0
10:00	75	41.7	34.2	7.2	1	1	1	1	6	39	13	4	0	0	0
11:00	66	37.9	31.7	5.9	0	1	2	2	18	26	12	5	0	0	0
12:00	74	38.0	33.2	5.2	0	1	1	1	11	34	23	2	1	0	0
13:00	68	40.2	34.1	5.7	0	0	0	0	1	16	28	6	27	0	0
14:00	60	40.2	34.3	5.7	0	1	0	2	7	21	21	8	0	0	0
15:00	49	39.4	33.5	5.9	0	1	0	0	6	21	14	3	1	0	0
16:00	49	38.2	32.0	6.0	0	0	3	1	13	16	13	3	0	0	0
17:00	37	39.1	33.9	5.1	0	0	0	2	3	20	8	3	1	0	0
18:00	27	36.8	29.5	7.0	0	0	2	5	8	6	5	0	1	0	0
19:00	40	38.4	32.3	5.9	1	0	0	1	8	19	10	0	1	0	0
20:00	14	47.8	40.0	7.5	0	0	0	0	2	3	5	0	0	0	0
21:00	7	32.6	26.1	6.3	0	1	0	0	5	1	0	0	0	0	0
22:00	5	44.1	38.5	4.5	0	0	0	0	0	1	1	0	0	0	0
23:00	3	33.8	30.8	2.9	0	0	0	0	1	2	0	0	0	0	0
Total															
2H(10-12)	141	40.0	33.1	6.7	1	2	3	3	24	65	25	13	3	2	0
2H(14-16)	109	39.9	33.9	5.8	0	2	1	2	15	42	35	11	1	0	0
12H(7-19)	592	39.7	33.5	6.0	1	5	10	16	104	234	151	59	9	3	0
24H(0-24)	688	40.0	33.6	6.2	2	6	10	20	125	265	171	68	17	4	0
AM Peak	10:00	06:00	06:00	04:00	10:00	10:00	11:00	04:00	11:00	10:00	09:00	10:00	10:00	10:00	00:00
	75	44.1	36.3	10.4	1	1	2	3	18	39	16	8	3	2	0
PM Peak	12:00	20:00	20:00	20:00	19:00	13:00	16:00	18:00	13:00	13:00	13:00	30:00	12:00	12:00	12:00
	74	47.8	40.0	7.5	1	1	3	5	15	34	23	12	5	0	0

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	ESD Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-15	Bin 3 15-20	Bin 4 20-25	Bin 5 25-30	Bin 6 30-35	Bin 7 35-40	Bin 8 40-45	Bin 9 45-50	Bin 10 50-55	Bin 12 >=60
00:00	6	37.7	32.5	5.0	0	0	0	0	1	1	1	0	0	0	0
01:00	3	-	37.5	-	0	0	0	0	0	0	1	0	0	0	0
02:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0
03:00	8	39.8	30.6	8.8	0	0	0	3	1	2	1	0	1	0	0
04:00	6	45.2	35.0	9.9	0	0	0	0	3	1	0	0	2	0	0
05:00	18	43.0	37.2	5.5	0	0	0	0	1	5	8	1	0	0	0
06:00	29	42.9	37.7	5.1	0	0	0	0	2	5	14	7	0	1	0
07:00	41	40.8	31.2	9.3	0	5	0	1	13	7	7	7	1	0	0
08:00	69	39.3	32.4	6.6	1	1	0	3	18	0	3	5	1	0	0
09:00	128	40.6	33.6	6.8	1	2	1	3	19	60	23	13	4	2	0
10:00	154	37.6	31.2	6.5	0	2	5	5	46	41	25	10	0	0	0
11:00	140	37.7	31.6	5.9	0	1	5	6	40	51	33	2	1	0	1
12:00	145	38.9	32.3	6.3	0	3	3	4	38	56	21	20	0	0	0
13:00	146	39.1	33.3	5.7	0	0	0	9	29	42	52	12	0	0	0
14:00	119	38.3	32.6	5.5	0	1	2	2	31	44	32	5	2	0	0
15:00	125	38.0	32.1	5.6	0	0	3	8	31	45	30	7	1	0	0
16:00	126	39.2	33.5	5.5	0	0	0	4	26	56	26	8	6	0	0
17:00	64	40.4	32.5	7.6	1	0	2	5	15	17	16	5	2	0	0
18:00	73	39.3	33.5	5.7	1	0	0	1	15	27	23	5	1	0	0
19:00	27	45.1	36.8	8.1	0	0	0	1	7	4	3	7	5	0	0
20:00	26	41.0	33.3	7.4	0	1	0	0	9	1	9	1	2	0	0
21:00	12	42.0	32.0	9.6	0	0	2	1	1	2	2	3	0	0	0
22:00	4	47.7	36.1	11.5	0	0	0	0	1	2	0	0	0	1	0
Total															
2H(10-12)	262	39.2	32.4	6.5	1	4	6	8	65	101	48	23	4	2	0
2H(14-16)	265	38.8	33.0	5.6	0	2	3	11	60	86	84	17	2	0	0
12H(7-19)	1366	39.1	32.6	6.3	3	16	22	50	308	445	298	121	18	4	1
24H(0-24)	1449	39.4	32.8	6.4	4	17	24	56	350	495	346	121	29	6	1
AM Peak	11:00	05:00	07:00	05:00	09:00	08:00	11:00	11:00	11:00	10:00					00:00
PM Peak	14:00	23:00	20:00	18:00	18:00	13:00	12:00	14:00	12:00	13:00	14:00	13:00	17:00	18:00	12:00
146	47.7	36.8	11.5						36						



North Wales ATC 21, B5381 Glascoed Road

Direction: Eastbound

02/05/2022															
Hour Beginning	Total Volume	ESD Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-15	Bin 3 15-20	Bin 4 20-25	Bin 5 25-30	Bin 6 30-35	Bin 7 35-40	Bin 8 40-45	Bin 9 45-50	Bin 10 50-55	Bin 12 >60
00:00	8	45.5	38.4	5.9	0	0	0	0	1	1	0	0	0	0	0
01:00	1	-	22.5	-	0	0	0	1	0	0	0	0	0	0	0
02:00	2	22.5	22.5	0.0	0	0	0	2	0	0	0	0	0	0	0
03:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0
04:00	2	32.5	32.5	0.0	0	0	0	0	2	0	0	0	0	0	0
05:00	3	47.5	47.5	0.0	0	0	0	0	0	0	0	0	0	0	0
06:00	6	37.5	37.5	0.0	0	0	0	0	0	6	0	0	0	0	0
07:00	8	44.8	38.8	5.8	0	0	0	0	1	1	1	1	0	0	0
08:00	21	37.9	27.0	10.5	0	6	0	1	4	4	5	1	0	0	0
09:00	37	36.2	28.2	7.7	1	1	0	10	14	4	3	4	0	0	0
10:00	76	39.3	33.7	5.4	0	1	0	2	11	33	23	4	2	0	0
11:00	101	35.8	30.3	5.3	0	1	1	7	46	29	13	3	1	0	0
12:00	118	35.6	28.6	6.7	0	0	9	18	47	32	9	0	0	1	1
13:00	80	37.5	29.9	7.3	0	4	4	11	16	25	16	4	0	0	0
14:00	106	38.2	32.6	5.4	0	0	1	6	30	28	35	6	0	0	0
15:00	71	36.5	31.3	5.0	0	0	1	4	25	25	13	3	0	0	0
16:00	100	38.5	32.0	6.3	0	0	0	20	12	37	21	9	0	0	0
17:00	120	38.6	32.6	5.8	0	0	0	5	19	45	15	12	4	0	0
18:00	58	44.6	36.8	7.5	1	0	0	0	6	21	8	14	7	1	0
19:00	29	35.8	31.8	4.8	0	0	0	0	14	6	8	1	0	0	0
20:00	22	42.6	34.3	8.0	0	0	0	3	6	2	2	9	0	0	0
21:00	19	42.9	36.7	6.9	0	0	0	0	3	6	5	1	4	0	0
22:00	14	35.1	28.6	6.3	0	0	2	2	2	7	1	0	0	0	0
23:00	1	-	52.5	-	0	0	0	0	0	0	0	0	1	0	0
Total															
2H(0-12)	177	37.5	31.7	5.6	0	2	1	9	57	62	36	7	3	0	0
2H(14-16)	177	37.5	32.1	5.3	0	0	2	10	55	53	48	9	0	0	0
12H(7-19)	896	38.4	31.5	6.7	2	13	16	86	251	284	162	86	16	1	1
24H(0-24)	1003	38.8	31.8	6.8	2	13	18	93	277	308	184	82	22	2	1
AM Peak															
11:00	05:00	05:00	08:00	09:00	08:00	11:00	09:00	11:00	10:00	10:00	00:00	05:00	00:00	00:00	00:00
	101	47.5	47.5	10.5	1	6	1	10	46	33	23	6	3	0	0
PM Peak															
17:00	18:00	21:00	20:00	18:00	13:00	12:00	16:00	12:00	17:00	14:00	18:00	18:00	18:00	12:00	12:00
	120	48.6	52.5	8.0	1	4	9	20	47	45	35	14	7	1	1

360 TSL Ltd

Direction: Westbound

02/05/2022															
Hour Beginning	Total Volume	ESD Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-15	Bin 3 15-20	Bin 4 20-25	Bin 5 25-30	Bin 6 30-35	Bin 7 35-40	Bin 8 40-45	Bin 9 45-50	Bin 10 50-55	Bin 12 >60
00:00	4	36.3	33.8	2.5	0	0	0	0	0	3	1	0	0	0	0
01:00	12	45.3	38.3	6.7	0	0	0	0	7	0	3	0	0	0	0
02:00	2	37.5	37.5	0.0	0	0	0	0	0	2	0	0	0	0	0
03:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0
04:00	11	49.8	38.9	10.5	0	0	0	1	3	0	1	0	6	0	0
05:00	7	32.4	29.8	2.7	0	0	0	0	4	3	0	0	0	0	0
06:00	13	42.1	36.0	5.8	0	0	0	0	0	8	3	1	0	1	0
07:00	25	42.2	35.3	6.6	0	0	0	0	7	5	7	5	0	1	0
08:00	40	42.8	36.9	5.7	0	0	0	0	6	13	6	13	2	0	0
09:00	78	39.4	34.0	5.2	0	0	0	2	12	37	16	9	2	0	0
10:00	128	42.5	34.8	8.4	3	1	3	7	13	52	24	17	7	0	0
11:00	117	36.7	31.3	5.2	0	2	3	5	28	53	26	0	0	0	0
12:00	122	39.6	32.5	6.9	0	2	7	4	18	52	30	5	2	2	0
13:00	97	38.1	32.4	5.5	0	0	0	6	28	36	15	12	0	0	0
14:00	102	37.8	32.3	5.9	0	2	0	2	27	42	23	6	0	0	0
15:00	65	38.2	32.2	5.7	0	1	2	0	15	31	10	3	1	0	0
16:00	105	39.5	33.4	5.9	0	2	3	25	36	27	8	4	0	0	0
17:00	36	48.4	32.9	5.9	0	0	0	2	7	17	7	2	0	0	0
18:00	43	41.4	33.4	7.7	0	0	1	3	10	16	6	0	7	0	0
19:00	46	41.0	33.4	7.3	2	0	0	2	4	16	20	0	2	0	0
20:00	24	46.4	38.0	7.1	0	0	0	0	4	9	5	0	0	0	0
21:00	11	32.4	24.3	7.8	0	3	0	0	6	2	0	0	0	0	0
22:00	6	40.1	35.8	4.3	0	0	0	0	0	3	1	1	0	0	0
23:00	8	32.1	29.4	2.6	0	0	0	0	1	3	0	0	0	0	0
Total															
2H(0-12)	245	40.6	33.1	7.3	3	3	6	7	41	106	50	17	7	6	0
2H(14-16)	163	37.9	32.3	6.4	0	3	2	2	40	73	33	9	1	0	0
12H(7-19)	954	39.7	33.1	6.4	3	8	18	29	194	385	204	78	26	9	0
24H(0-24)	1098	40.2	33.3	6.6	5	11	18	32	232	427	242	86	42	16	0
AM Peak	10:00	04:00	04:00	06:00	10:00	11:00	10:00	11:00	11:00	11:00	10:00	10:00	10:00	00:00	00:00
	118	49.8	38.9	10.5	3	2	3	5	28	53	26	7	7	8	0
PM Peak	12:00	20:00	20:00	21:00	19:00	21:00	13:00	13:00	13:00	13:00	13:00	18:00	12:00	12:00	12:00
	122	46.4	39.0	7.8	2	3	7	6	28	52	30	12	7	2	0

360 TSL Ltd

Direction: Total Flow

Hour	Total	ESD Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-15	Bin 3 15-20	Bin 4 20-25	Bin 5 25-30	Bin 6 30-35	Bin 7 35-40	Bin 8 40-45	Bin 9 45-50	Bin 10 50-55	Bin 12 >60
00:00	12	43.3	37.5	5.6	0	0	0	0	1	4	1	6	0	0	0
01:00	13	46.2	37.1	7.8	0	0	0	0	2	0	7	0	3	0	0
02:00	4	39.0	36.0	8.7	0	0	0	0	0	0	0	0	0	0	0
03:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0
04:00	13	48.1	37.9	8.9	0	0	0	0	1	3	2	1	0	6	0
05:00	10	44.2	35.0	8.9	0	0	0	0	4	3	0	0	3	0	0
06:00	19	41.9	36.4	4.9	0	0	0	0	0	8	9	1	0	0	0
07:00	33	42.9	36.1	6.5	0	0	0	0	8	6	10	0	1	0	0
08:00	61	42.7	33.5	8.9	0	6	0	1	10	12	18	12	2	0	0
09:00	115	39.1	32.7	6.7	1	1	0	12	26	61	19	33	2	0	0
10:00	204	42.1	34.4	7.4	3	2	3	4	24	85	47	21	9	6	0
11:00	138	36.2	30.8	5.9	0	3	4	12	74	82	39	3	0	0	0
12:00	240	37.9	30.6	7.0	0	2	16	23	65	84	39	5	2	2	1
13:00	177	38.0	31.9	6.5	0	4	4	17	44	64	31	36	0	0	0
14:00	208	38.0	32.5	5.3	0	2	1	8	57	70	58	12	0	0	0
15:00	132	37.2	32.7	5.3	0	1	3	4	38	56	23	6	1	0	0
16:00	205	39.1	32.7	6.1	0	0	2	29	37	73	48	17	5	0	0
17:00	156	38.5	32.7	5.6	0	0	0	7	46	62	22	14	5	0	0
18:00	101	41.4	35.4	7.7	1	0	0	1	16	37	14	14	14	0	0
19:00	75	39.5	32.8	6.5	2	0	0	2	18	22	28	1	2	0	0
20:00	46	44.8	36.7	7.8	0	0	0	3	10	6	4	18	5	0	0
21:00	30	41.9	32.2	8.4	0	3	0	0	5	1	4	0	0	0	0
22:00	20	37.5	30.8	6.5	0	0	2	2	2	10	3	1	0	0	0
23:00	9	40.3	31.8	8.1	0	0	0	0	1	3	0	0	0	1	0
Total															
2H(0-12)	422	39.4	32.5	6.7	3	5	7	16	98	167	86	24	10	6	0
2H(14-16)	340	37.7	32.2	5.3	0	3	4	12	95	126	81	18	1	0	0
12H(7-19)	1850	39.2	32.3	6.6	5	21	34	114	445	669	366	143	41	10	1
24H(0-24)	2101	39.6	32.6	6.7	7	24	36	125	499	735	426	171	64	12	1
Hour	11:00	04:00	04:00	04:00	10:00	08:00	11:00	08:00	11:00	08:00	11:00	08:00	11:00	08:00	00:00
End Peak	12:00	04:00	05:00	05:00	2:00	2:00	11:00	12:00	12:00	12:00	12:00	14:00	12:00	12:00	12:00
	12:00	44.5	39.7					21	65	84	39	35	35		



Direction: Eastbound

360 TSL Ltd

Hour	Total
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360 TSL Ltd

## 360 TSL Ltd



North Wales ATC 21, B5381 Glascoed Road

Direction: Eastbound

04/05/2022															
Hour Beginning	Total Volume	ESD Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-15	Bin 3 15-20	Bin 4 20-25	Bin 5 25-30	Bin 6 30-35	Bin 7 35-40	Bin 8 40-45	Bin 9 45-50	Bin 10 50-55	Bin 12 >60
00:00	4	42.4	36.3	6.3	0	0	0	0	0	0	0	0	0	0	0
01:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0
02:00	2	38.7	35.0	8.5	0	0	0	0	0	1	1	0	0	0	0
03:00	4	41.2	36.3	4.8	0	0	0	0	0	2	1	1	0	0	0
04:00	2	39.8	32.5	7.1	0	0	0	0	1	0	1	0	0	0	0
05:00	11	40.1	34.8	5.2	0	0	0	0	3	1	4	1	0	0	0
06:00	26	43.0	37.5	5.3	0	0	0	1	2	2	12	9	0	0	0
07:00	68	38.7	32.6	5.8	0	1	0	4	13	30	15	3	2	0	0
08:00	152	36.0	31.0	4.8	0	0	0	12	58	49	29	4	0	0	0
09:00	92	36.9	31.1	5.6	0	0	3	2	19	33	31	11	2	0	0
10:00	117	37.5	31.9	5.4	0	0	0	9	36	43	20	7	2	0	0
11:00	86	34.3	29.7	4.5	0	0	1	9	39	27	9	1	0	0	0
12:00	139	36.3	30.8	5.3	0	0	2	9	61	38	21	7	1	0	0
13:00	125	35.4	30.6	4.7	0	0	1	7	55	40	20	1	1	0	0
14:00	137	36.8	31.2	5.4	1	0	1	4	58	48	14	10	1	0	0
15:00	140	37.4	32.1	5.1	0	0	0	9	43	46	35	6	1	0	0
16:00	242	36.0	30.9	4.9	0	1	9	35	89	89	40	5	1	0	0
17:00	243	36.6	31.6	4.9	0	0	1	20	64	130	35	13	0	0	0
18:00	77	40.0	34.0	5.8	0	0	1	2	14	29	22	5	4	0	0
19:00	61	43.7	35.0	8.4	0	0	1	4	11	19	13	7	1	3	2
20:00	36	43.2	36.0	7.0	0	0	0	1	6	11	8	6	3	1	0
21:00	39	41.2	32.7	8.2	0	0	1	3	10	4	4	6	0	1	0
22:00	11	48.8	36.4	12.0	0	0	1	0	1	4	3	0	1	0	1
23:00	3	43.7	35.8	7.6	0	0	0	0	1	0	1	1	0	0	0
Total															
2H(14-19)	203	36.3	30.9	5.2	0	0	1	18	75	70	29	8	2	0	0
2H(14-16)	277	37.1	31.6	5.3	1	0	1	13	101	94	49	16	2	0	0
12H(7-19)	668	36.9	31.5	5.2	1	2	12	102	549	581	291	65	10	0	0
24H(0-24)	807	37.7	31.9	5.6	1	2	15	111	585	625	343	97	20	5	2
AM Peak	08:00	05:00	06:00	04:00	00:00	07:00	09:00	08:00	08:00	08:00	09:00	06:00	07:00	00:00	00:00
PM Peak	17:00	22:00	22:00	22:00	14:00	16:00	12:00	17:00	16:00	17:00	16:00	17:00	18:00	19:00	22:00
	152	43.0	37.5	7.1	0	1	3	12	58	49	31	9	2	0	0
	243	48.8	36.4	12.0	1	1	2	20	89	110	40	13	4	3	2

360 TSL Ltd

Direction: Westbound

04/05/2022															
Hour Beginning	Total Volume	ESD Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-15	Bin 3 15-20	Bin 4 20-25	Bin 5 25-30	Bin 6 30-35	Bin 7 35-40	Bin 8 40-45	Bin 9 45-50	Bin 10 50-55	Bin 12 >60
00:00	1	-	32.5	-	0	0	0	0	0	1	0	0	0	0	0
01:00	1	-	27.5	-	0	0	0	0	0	0	0	0	0	0	0
02:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0
03:00	2	38.7	35.0	8.5	0	0	0	0	0	1	1	0	0	0	0
04:00	3	41.5	32.5	8.7	0	0	0	0	2	0	0	1	0	0	0
05:00	28	43.3	35.8	7.4	1	0	0	0	2	10	7	0	0	0	0
06:00	28	41.2	33.8	7.2	0	0	0	3	5	10	5	2	3	0	0
07:00	135	39.4	34.2	5.0	1	0	1	1	12	67	39	13	1	0	0
08:00	301	38.3	33.7	4.4	0	4	4	40	127	105	35	0	0	0	0
09:00	140	38.0	32.6	5.2	0	0	1	10	26	54	39	5	0	1	0
10:00	102	36.6	30.9	5.5	0	1	9	38	34	14	5	0	0	0	0
11:00	105	37.4	32.3	4.9	0	0	0	4	34	35	27	4	1	0	0
12:00	119	36.7	30.3	6.2	0	0	7	15	35	36	19	7	0	0	0
13:00	144	35.6	30.3	5.1	0	0	7	21	45	61	11	5	0	1	0
14:00	80	38.0	32.1	5.7	0	0	0	7	25	24	17	6	1	0	0
15:00	95	39.3	32.6	5.5	0	3	3	20	42	19	7	1	0	0	0
16:00	121	36.9	32.2	4.6	0	0	0	1	42	50	21	6	1	0	0
17:00	115	40.0	34.8	5.2	0	0	1	1	19	38	41	18	2	0	0
18:00	60	41.0	34.2	6.6	0	1	1	1	15	16	23	5	1	1	0
19:00	30	40.0	34.3	5.5	0	0	0	1	4	13	9	1	2	0	0
20:00	28	39.5	33.9	5.4	0	0	0	1	8	14	2	0	0	0	0
21:00	28	40.4	32.5	7.6	1	0	0	1	8	8	6	3	1	0	0
22:00	8	45.4	36.9	8.3	0	0	0	0	1	3	1	1	0	0	0
23:00	1	-	32.5	-	0	0	0	0	0	1	0	0	0	0	0
Total															
2H(10-12)	207	37.1	31.6	5.3	0	1	0	13	72	69	41	9	2	0	0
2H(14-16)	175	38.1	32.3	5.6	0	0	3	10	45	66	36	13	2	0	0
12H(7-19)	1517	38.1	32.6	5.4	1	2	18	74	356	588	375	91	9	3	0
24H(0-24)	1676	38.4	32.7	5.5	3	2	18	80	389	635	448	140	17	1	0
AM Peak	08:00	05:00	05:00	04:00	05:00	10:00	08:00	09:00	08:00	08:00	08:00	06:00	09:00	00:00	00:00
PM Peak	19:00	22:00	22:00	22:00	14:00	16:00	12:00	13:00	13:00	13:00	17:00	17:00	13:00	12:00	13:00
	301	43.1	35.8	8.7	1	1	4	19	49	127	106	33	3	1	0
	144	45.4	36.9	8.2	1	1	7	22	45	61	41	13	2	1	0

360 TSL Ltd

Direction: Total Flow

Hour	Total Volume	ESD Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-15	Bin 3 15-20	Bin 4 20-25	Bin 5 25-30	Bin 6 30-35	Bin 7 35-40	Bin 8 40-45	Bin 9 45-50	Bin 10 50-55	Bin 12 >60	
00:00	5	41.4	35.5	5.7	0	0	0	0	1	0	1	0	0	0	0	
01:00	1	-	27.5	-	0	0	0	0	0	0	0	0	0	0	0	
02:00	2	38.7	35.0	8.5	0	0	0	0	0	1	1	0	0	0	0	
03:00	6	40.1	35.8	4.1	0	0	0	0	0	3	2	1	0	0	0	
04:00	5	39.8	32.5	7.1	0	0	0	0	0	1	0	1	0	0	0	
05:00	39	42.4	35.3	6.8	1	0	0	0	5	11	13	8	1	0	0	
06:00	54	42.3	35.6	6.5	0	0	0	4	7	12	17	11	0	0	0	
07:00	203	39.2	33.7	5.3	1	1	1	4	25	97	54	16	3	0	0	
08:00	453	37.7	32.8	4.7	0	0	4	13	107	176	134	39	0	0	0	
09:00	232	38.4	32.8	5.3	0	4	12	45	99	79	8	2	0	0	0	
10:00	210	37.1	31.4	5.5	0	1	0	18	74	77	34	12	3	0	0	
11:00	192	36.2	31.1	4.9	0	0	1	13	73	62	36	5	1	0	0	
12:00	258	36.5	30.6	5.7	0	0	9	24	96	74	40	14	1	0	0	
13:00	249	35.5	30.5	4.9	0	0	1	36	108	100	31	6	1	0	0	
14:00	217	37.2	31.5	5.5	1	0	1	11	83	72	31	26	2	0	0	
15:00	235	37.8	32.3	5.3	0	0	3	12	63	88	54	13	2	0	0	
16:00	303	36.3	31.3	4.8	0	1	4	16	131	139	61	11	2	0	0	
17:00	158	37.9	32.5	5.2	0	0	2	21	83	148	76	26	2	0	0	
18:00	137	40.4	34.1	6.1	0	1	2	3	25	45	45	10	4	0	0	
19:00	91	42.6	34.8	7.5	0	0	0	2	14	14	22	8	3	1	0	
20:00	64	41.7	35.1	6.4	0	0	0	2	14	14	22	8	3	1	0	
21:00	57	40.7	32.6	7.8	1	0	1	4	18	12	10	9	1	1	0	
22:00	19	47.3	36.6	10.3	0	0	0	0	4	4	4	3	2	0	1	
23:00	4	43.7	35.0	6.5	0	0	0	0	1	1	1	1	0	0	0	
Total																
2H(10-12)	410	36.7	31.3	5.2	0	1	1	31	147	139	70	17	4	0	0	
2H(14-16)	452	37.5	31.9	5.4	1	0	4	23	146	160	85	29	4	0	0	
12H(7-19)	3135	37.5	32.0	5.3	2	4	36	176	905	1189	666	156	14	1	0	
24H(0-24)	3482	38.1	32.3	5.6	4	4	33	191	974	1260	761	207	37	8	2	
AM Peak	08:00	05:00	03:00	04:00	1	05:00	07:00	08:00	10:00	08:00	06:00	07:00	09:00	09:00	00:00	00:00
PM Peak	16:00	14:00	12:00	22:00	22:00	14:00	16:00	12:00	13:00	15:00	17:00	17:00	14:00	18:00	19:00	22:00
	35.3	42.4	35.8	7.1	1	1	4	4	18	107	176	134	39	1	0	0



North Wales ATC 21, B5381 Glascoed Road



Direction: Eastbound

Hour Beginning	Thu 05/05/2022	Fri 06/05/2022	Sat 07/05/2022	Sun 08/05/2022	Mon 09/05/2022	Tue 10/05/2022	Wed 11/05/2022	5-Day Ave.	7-Day Ave.
00:00	1	2	6	4	2	1	4	2	3
01:00	1	1	1	1	2	1	4	2	2
02:00	4	0	1	2	1	1	1	1	1
03:00	1	1	1	0	3	1	1	1	1
04:00	4	5	1	2	8	4	3	5	4
05:00	8	7	7	1	7	7	7	7	6
06:00	26	34	9	5	20	30	27	27	22
07:00	89	69	26	5	94	82	83	83	64
08:00	176	161	32	17	172	156	164	166	125
09:00	98	91	54	27	86	79	65	84	71
10:00	75	76	68	60	75	83	98	81	76
11:00	86	96	77	68	94	110	123	102	93
12:00	108	172	80	68	127	119	121	129	114
13:00	123	140	67	66	122	114	120	124	107
14:00	143	143	79	67	128	124	146	137	119
15:00	136	159	74	62	124	139	136	139	119
16:00	217	183	74	85	251	267	217	227	185
17:00	248	215	63	76	252	244	213	238	190
18:00	109	67	52	36	79	79	115	90	77
19:00	63	36	28	27	38	27	67	46	41
20:00	34	16	30	15	24	20	28	24	24
21:00	27	15	11	17	28	22	30	24	21
22:00	11	5	10	6	6	5	15	8	8
23:00	5	2	7	1	2	2	4	3	3
Total									
12H(7-19)	1608	1572	746	637	1604	1596	1621	1600	1341
16H(6-22)	1758	1673	824	701	1714	1695	1773	1723	1448
18H(6-24)	1774	1680	841	708	1722	1702	1792	1734	1460
24H(0-24)	1793	1696	858	718	1745	1717	1812	1753	1477
AM Peak	08:00	08:00	11:00	11:00	08:00	08:00	08:00	08:00	08:00
	176	161	77	68	172	156	164	166	125
PM Peak	17:00	17:00	12:00	16:00	17:00	16:00	17:00	17:00	17:00
	248	215	80	85	252	267	233	238	190

360 TSL Ltd

Direction: Westbound

Hour Beginning	Thu 05/05/2022	Fri 06/05/2022	Sat 07/05/2022	Sun 08/05/2022	Mon 09/05/2022	Tue 10/05/2022	Wed 11/05/2022	5-Day Ave.	7-Day Ave.
00:00	1	1	5	2	3	0	1	1	2
01:00	1	1	3	4	1	1	4	2	2
02:00	0	0	2	1	1	0	0	0	1
03:00	2	3	0	0	5	1	2	3	2
04:00	1	5	6	5	5	1	1	3	3
05:00	33	35	11	4	29	27	29	31	24
06:00	38	29	17	9	31	35	40	35	28
07:00	177	151	19	17	171	162	158	164	122
08:00	307	238	46	20	271	295	299	282	211
09:00	132	127	65	37	94	146	154	131	108
10:00	91	98	96	77	85	84	113	94	92
11:00	91	113	130	75	98	92	102	99	100
12:00	87	126	95	69	99	116	110	108	100
13:00	110	108	80	58	117	114	105	111	99
14:00	108	107	68	54	114	86	96	102	90
15:00	140	122	68	46	120	118	139	128	108
16:00	140	145	56	56	122	97	145	130	109
17:00	152	123	36	31	136	136	147	139	109
18:00	60	76	36	22	52	50	67	61	52
19:00	38	28	24	29	29	33	43	34	32
20:00	31	23	17	11	36	28	24	28	24
21:00	28	9	23	6	19	18	26	20	18
22:00	13	7	10	6	6	7	17	10	9
23:00	7	2	3	3	2	3	7	4	4
Total									
12H(7-19)	1595	1534	795	562	1479	1496	1635	1548	1299
16H(6-22)	1730	1623	876	617	1594	1610	1768	1665	1403
18H(6-24)	1750	1632	889	626	1602	1620	1792	1679	1416
24H(0-24)	1788	1677	916	642	1646	1650	1829	1718	1450
AM Peak	08:00	08:00	11:00	10:00	08:00	08:00	08:00	08:00	08:00
	307	238	130	77	271	295	299	282	211
PM Peak	17:00	16:00	12:00	12:00	17:00	17:00	17:00	17:00	16:00
	152	145	95	69	136	136	147	139	109

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Thu 05/05/2022	Fri 06/05/2022	Sat 07/05/2022	Sun 08/05/2022	Mon 09/05/2022	Tue 10/05/2022	Wed 11/05/2022	5-Day Ave.	7-Day Ave.
00:00	2	3	11	6	5	1	5	3	5
01:00	2	2	4	5	3	2	8	3	4
02:00	4	0	3	3	2	1	1	2	2
03:00	3	4	1	0	8	2	3	4	3
04:00	5	10	7	7	13	5	4	7	7
05:00	41	42	18	5	36	34	36	38	30
06:00	64	63	26	14	51	65	67	62	50
07:00	266	220	45	22	265	244	241	247	186
08:00	483	399	78	37	443	451	463	448	336
09:00	230	218	119	64	180	225	219	214	179
10:00	166	174	164	137	160	167	211	176	168
11:00	177	209	207	143	192	202	225	201	194
12:00	195	298	175	137	226	235	231	237	214
13:00	233	248	147	124	239	228	225	235	206
14:00	251	250	147	121	242	210	242	239	209
15:00	276	281	142	108	244	257	275	267	226
16:00	357	328	130	141	373	364	362	357	294
17:00	400	338	99	107	388	380	380	377	299
18:00	169	143	88	58	131	129	182	151	129
19:00	101	64	52	56	67	60	110	80	73
20:00	65	39	47	26	60	48	52	53	48
21:00	55	24	34	23	47	40	56	44	40
22:00	24	12	20	12	12	12	32	18	18
23:00	12	4	10	4	4	5	11	7	7
Total									
12H(7-19)	3203	3106	1541	1199	3083	3092	3256	3148	2640
16H(6-22)	3488	3296	1700	1318	3308	3305	3541	3388	2851
18H(6-24)	3524	3312	1730	1334	3324	3322	3584	3413	2876
24H(0-24)	3581	3373	1774	1360	3391	3367	3641	3471	2927
AM Peak	08:00	08:00	11:00	11:00	08:00	08:00	08:00	08:00	08:00
	483	399	207	143	443	451	463	448	336
PM Peak	17:00	17:00	12:00	16:00	17:00	17:00	17:00	17:00	17:00
	400	338	175	141	388	380	380	377	299

360 TSL Ltd



North Wales ATC 21, B5381 Glascoed Road

Direction: Eastbound

	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 5 May 2022	1793	1593	179	8	13
Fri 6 May 2022	1696	1498	187	4	7
Sat 7 May 2022	858	792	56	3	7
Sun 8 May 2022	718	681	35	2	0
Mon 9 May 2022	1745	1565	165	6	9
Tue 10 May 2022	1717	1508	187	9	13
Wed 11 May 2022	1812	1623	173	6	10
5 Day Ave.	1753	1557	178	7	10
7 Day Ave.	1477	1323	140	5	8

Direction: Westbound

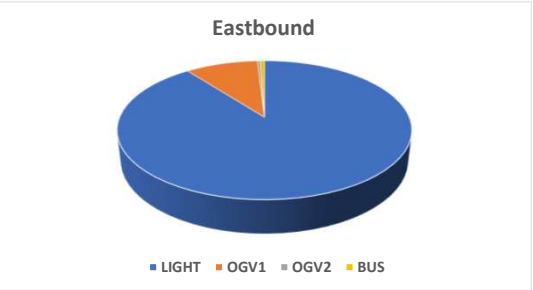
	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 5 May 2022	1788	1483	271	9	25
Fri 6 May 2022	1677	1406	250	0	21
Sat 7 May 2022	916	806	95	3	12
Sun 8 May 2022	642	595	45	1	1
Mon 9 May 2022	1646	1406	210	7	23
Tue 10 May 2022	1650	1376	248	5	21
Wed 11 May 2022	1829	1519	289	3	18
5 Day Ave.	1718	1438	254	5	22
7 Day Ave.	1450	1227	201	4	17

Direction: Total Flow

	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 5 May 2022	3581	3076	450	17	38
Fri 6 May 2022	3373	2904	437	4	28
Sat 7 May 2022	1774	1598	151	6	19
Sun 8 May 2022	1360	1276	80	3	1
Mon 9 May 2022	3391	2971	375	13	32
Tue 10 May 2022	3367	2884	435	14	34
Wed 11 May 2022	3641	3142	462	9	28
5 Day Ave.	3471	2995	432	11	32
7 Day Ave.	2927	2550	341	9	26

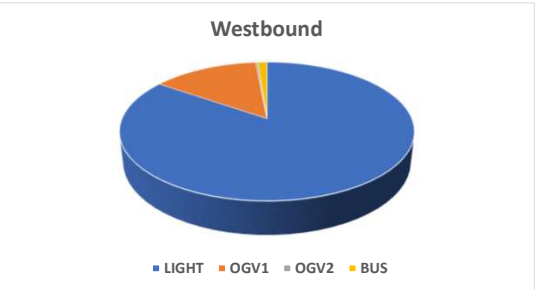
	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 5 May 2022	100.0%	88.8%	10.0%	0.4%	0.7%
Fri 6 May 2022	100.0%	88.3%	11.0%	0.2%	0.4%
Sat 7 May 2022	100.0%	92.3%	6.5%	0.3%	0.8%
Sun 8 May 2022	100.0%	94.8%	4.9%	0.3%	0.0%
Mon 9 May 2022	100.0%	89.7%	9.5%	0.3%	0.5%
Tue 10 May 2022	100.0%	87.8%	10.9%	0.5%	0.8%
Wed 11 May 2022	100.0%	89.6%	9.5%	0.3%	0.6%
5 Day Ave.	100.0%	88.9%	10.2%	0.4%	0.6%
7 Day Ave.	100.0%	89.6%	9.5%	0.4%	0.6%

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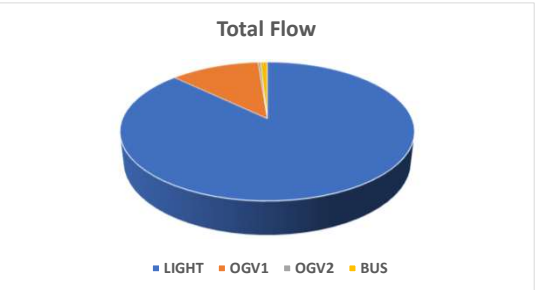
	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 5 May 2022	100.0%	82.9%	15.2%	0.5%	1.4%
Fri 6 May 2022	100.0%	83.8%	14.9%	0.0%	1.3%
Sat 7 May 2022	100.0%	88.0%	10.4%	0.3%	1.3%
Sun 8 May 2022	100.0%	92.7%	7.0%	0.2%	0.2%
Mon 9 May 2022	100.0%	85.4%	12.8%	0.4%	1.4%
Tue 10 May 2022	100.0%	83.4%	15.0%	0.3%	1.3%
Wed 11 May 2022	100.0%	83.1%	15.8%	0.2%	1.0%
5 Day Ave.	100.0%	83.7%	14.8%	0.3%	1.3%
7 Day Ave.	100.0%	84.7%	13.9%	0.3%	1.2%

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	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 5 May 2022	100.0%	85.9%	12.6%	0.5%	1.1%
Fri 6 May 2022	100.0%	86.1%	13.0%	0.1%	0.8%
Sat 7 May 2022	100.0%	90.1%	8.5%	0.3%	1.1%
Sun 8 May 2022	100.0%	93.8%	5.9%	0.2%	0.1%
Mon 9 May 2022	100.0%	87.6%	11.1%	0.4%	0.9%
Tue 10 May 2022	100.0%	85.7%	12.9%	0.4%	1.0%
Wed 11 May 2022	100.0%	86.3%	12.7%	0.2%	0.8%
5 Day Ave.	100.0%	86.3%	12.4%	0.3%	0.9%
7 Day Ave.	100.0%	87.1%	11.7%	0.3%	0.9%

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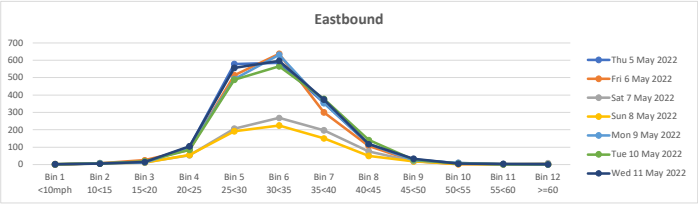


North Wales ATC 21, B5381 Glascoed Road

Direction: Eastbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<15	Bin 3 15<20	Bin 4 20<25	Bin 5 25<30	Bin 6 30<35	Bin 7 35<40	Bin 8 40<45	Bin 9 45<50	Bin 10 50<55	Bin 11 55<60	Bin 12 >=60
Thu 5 May 2022	1793	38.2	32.1	5.9	0	7	13	101	578	585	355	115	29	7	2	1
Fri 6 May 2022	1696	37.7	31.9	5.6	0	6	25	84	514	638	300	106	20	2	1	0
Sat 7 May 2022	858	40.8	33.2	7.4	2	6	13	53	206	268	197	76	18	9	2	8
Sun 8 May 2022	718	39.3	32.2	6.8	2	8	11	56	191	225	150	50	19	4	1	1
Mon 9 May 2022	1745	38.3	32.4	5.8	1	7	12	96	491	632	353	120	23	9	1	0
Tue 10 May 2022	1717	38.8	32.6	6.0	1	5	19	85	488	565	378	141	28	5	1	1
Wed 11 May 2022	1812	38.4	32.3	5.9	2	5	14	105	556	597	374	117	33	5	3	1
5 Day Ave.	1753	38.3	32.3	5.8	1	6	17	94	525	603	352	120	27	6	2	1
7 Day Ave.	1477	38.8	32.4	6.2	1	6	15	83	432	501	301	104	24	6	2	2

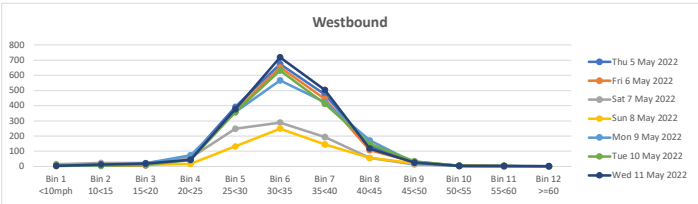
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Direction: Westbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<15	Bin 3 15<20	Bin 4 20<25	Bin 5 25<30	Bin 6 30<35	Bin 7 35<40	Bin 8 40<45	Bin 9 45<50	Bin 10 50<55	Bin 11 55<60	Bin 12 >=60
Thu 5 May 2022	1788	39.1	33.2	5.6	7	5	8	61	391	673	473	135	31	3	1	0
Fri 6 May 2022	1677	38.9	33.1	5.5	4	6	6	59	366	652	444	107	28	4	1	0
Sat 7 May 2022	916	38.8	31.3	7.2	14	22	21	57	248	289	193	55	13	3	1	0
Sun 8 May 2022	642	40.1	33.3	6.5	2	8	10	16	131	249	145	55	20	5	1	0
Mon 9 May 2022	1646	39.4	33.2	6.0	6	3	20	74	358	566	424	171	22	2	0	0
Tue 10 May 2022	1650	39.4	33.4	5.8	7	5	9	41	357	632	412	148	34	3	2	0
Wed 11 May 2022	1829	39.1	33.2	5.7	4	13	18	44	377	719	504	118	24	4	3	1
5 Day Ave.	1718	39.2	33.2	5.7	6	6	12	56	370	648	451	136	28	3	1	0
7 Day Ave.	1450	39.2	33.0	6.0	6	9	13	50	318	540	371	113	25	3	1	0

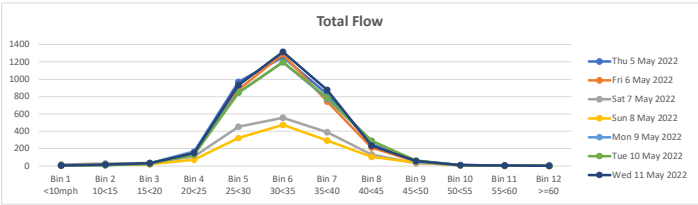
360 TSL Ltd



Direction: Total Flow

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<15	Bin 3 15<20	Bin 4 20<25	Bin 5 25<30	Bin 6 30<35	Bin 7 35<40	Bin 8 40<45	Bin 9 45<50	Bin 10 50<55	Bin 11 55<60	Bin 12 >=60
Thu 5 May 2022	3581	38.7	32.7	5.8	7	12	21	162	969	1258	828	250	60	10	3	1
Fri 6 May 2022	3373	38.3	32.5	5.6	4	12	31	143	880	1290	744	213	48	6	2	0
Sat 7 May 2022	1774	39.8	32.2	7.3	16	28	34	110	454	557	390	131	31	12	3	8
Sun 8 May 2022	1360	39.7	32.7	6.7	4	16	21	72	322	474	295	105	39	9	2	1
Mon 9 May 2022	3391	38.9	32.8	5.9	7	10	32	170	849	1198	777	291	45	11	1	0
Tue 10 May 2022	3367	39.1	33.0	5.9	8	10	28	126	845	1197	790	289	62	8	3	1
Wed 11 May 2022	3641	38.8	32.7	5.8	6	18	32	149	933	1316	878	235	57	9	6	2
5 Day Ave.	3471	38.8	32.7	5.8	6	12	29	150	895	1252	803	256	54	9	3	1
7 Day Ave.	2927	39.0	32.7	6.1	7	15	28	133	750	1041	672	216	49	9	3	2

360 TSL Ltd





## North Wales ATC 21, B5381 Glascoed Road

Direction: Eastbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<15	Bin 3 15<20	Bin 4 20<25	Bin 5 25<30	Bin 6 30<35	Bin 7 35<40	Bin 8 40<45	Bin 9 45<50	Bin 10 50<55	Bin 11 55<60	Bin 12 >=60
Thu 5 May 2022	161	36.1	30.3	5.6	0	0	3	19	60	53	18	5	3	0	0	0
Fri 6 May 2022	172	37.2	31.0	6.0	0	1	7	10	60	52	33	7	2	0	0	0
Sat 7 May 2022	145	38.0	31.8	6.0	0	0	5	8	42	52	28	8	1	0	1	0
Sun 8 May 2022	128	38.5	31.9	6.3	0	2	2	7	38	44	22	10	3	0	0	0
Mon 9 May 2022	169	37.8	31.3	6.3	1	2	3	8	60	57	26	7	4	1	0	0
Tue 10 May 2022	193	37.4	31.6	5.7	0	0	2	14	70	57	34	14	2	0	0	0
Wed 11 May 2022	221	36.6	30.7	5.7	0	0	5	22	83	66	33	8	4	0	0	0
5 Day Ave.	183	37.0	31.0	5.8	0	1	4	15	67	57	29	8	3	0	0	0
7 Day Ave.	170	37.4	31.2	5.9	0	1	4	13	59	54	28	8	3	0	0	0

360 TSL Ltd

Direction: Westbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<15	Bin 3 15<20	Bin 4 20<25	Bin 5 25<30	Bin 6 30<35	Bin 7 35<40	Bin 8 40<45	Bin 9 45<50	Bin 10 50<55	Bin 11 55<60	Bin 12 >=60
Thu 5 May 2022	182	37.6	31.2	6.1	1	1	1	23	51	57	35	12	1	0	0	0
Fri 6 May 2022	211	37.6	31.9	5.5	0	2	2	9	68	72	45	11	2	0	0	0
Sat 7 May 2022	226	36.6	29.7	6.6	3	6	7	22	72	76	32	7	0	1	0	0
Sun 8 May 2022	152	40.3	32.9	7.1	1	3	4	3	27	67	30	11	3	2	1	0
Mon 9 May 2022	183	38.0	31.7	6.1	0	2	2	16	54	61	27	21	0	0	0	0
Tue 10 May 2022	176	38.6	32.1	6.2	2	2	0	8	46	72	31	10	5	0	0	0
Wed 11 May 2022	215	38.8	32.0	6.5	2	5	3	4	53	92	41	11	2	1	1	0
5 Day Ave.	193	38.1	31.8	6.1	1	2	2	12	54	71	36	13	2	0	0	0
7 Day Ave.	192	38.2	31.6	6.3	1	3	3	12	53	71	34	12	2	1	0	0

360 TSL Ltd

Direction: Total Flow

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<15	Bin 3 15<20	Bin 4 20<25	Bin 5 25<30	Bin 6 30<35	Bin 7 35<40	Bin 8 40<45	Bin 9 45<50	Bin 10 50<55	Bin 11 55<60	Bin 12 >=60
Thu 5 May 2022	343	36.9	30.8	5.9	1	1	4	42	111	110	53	17	4	0	0	0
Fri 6 May 2022	383	37.4	31.5	5.7	0	3	9	19	128	124	78	18	4	0	0	0
Sat 7 May 2022	371	37.2	30.5	6.5	3	6	12	30	114	128	60	15	1	1	1	0
Sun 8 May 2022	280	39.5	32.4	6.8	1	5	6	10	65	111	52	21	6	2	1	0
Mon 9 May 2022	352	37.9	31.5	6.2	1	4	5	24	114	118	53	28	4	1	0	0
Tue 10 May 2022	369	38.0	31.8	5.9	2	2	2	22	116	129	65	24	7	0	0	0
Wed 11 May 2022	436	37.7	31.3	6.2	2	5	8	26	136	158	74	19	6	1	1	0
5 Day Ave.	377	37.6	31.4	6.0	1	3	6	27	121	128	65	21	5	0	0	0
7 Day Ave.	362	37.8	31.4	6.2	1	4	7	25	112	125	62	20	5	1	0	0

360 TSL Ltd



## North Wales ATC 21, B5381 Glascoed Road

Direction: Eastbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<15	Bin 3 15<20	Bin 4 20<25	Bin 5 25<30	Bin 6 30<35	Bin 7 35<40	Bin 8 40<45	Bin 9 45<50	Bin 10 50<55	Bin 11 55<60	Bin 12 >=60
Thu 5 May 2022	279	37.4	31.4	5.7	0	1	1	22	106	75	54	17	2	1	0	0
Fri 6 May 2022	302	36.5	31.7	4.7	0	0	1	15	100	117	56	13	0	0	0	0
Sat 7 May 2022	153	38.1	31.8	6.1	0	1	3	11	47	43	38	8	1	1	0	0
Sun 8 May 2022	129	37.8	32.0	5.6	0	0	2	9	38	40	32	7	1	0	0	0
Mon 9 May 2022	252	36.4	31.3	4.9	0	0	1	17	86	95	43	9	1	0	0	0
Tue 10 May 2022	263	39.1	32.7	6.1	0	1	4	11	77	83	54	27	5	1	0	0
Wed 11 May 2022	282	36.2	30.9	5.1	0	1	1	21	113	87	48	9	2	0	0	0
5 Day Ave.	276	37.1	31.6	5.3	0	1	2	17	96	91	51	15	2	0	0	0
7 Day Ave.	237	37.4	31.7	5.5	0	1	2	15	81	77	46	13	2	0	0	0

360 TSL Ltd

Direction: Westbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<15	Bin 3 15<20	Bin 4 20<25	Bin 5 25<30	Bin 6 30<35	Bin 7 35<40	Bin 8 40<45	Bin 9 45<50	Bin 10 50<55	Bin 11 55<60	Bin 12 >=60
Thu 5 May 2022	248	37.9	32.5	5.3	0	1	1	7	73	96	51	15	4	0	0	0
Fri 6 May 2022	229	38.2	32.8	5.3	0	0	3	10	53	88	56	19	0	0	0	0
Sat 7 May 2022	136	38.1	30.5	7.3	1	4	8	9	36	45	24	7	1	1	0	0
Sun 8 May 2022	100	38.7	32.6	5.9	0	2	1	3	22	41	22	8	1	0	0	0
Mon 9 May 2022	234	38.1	32.6	5.3	1	0	2	8	63	80	66	13	1	0	0	0
Tue 10 May 2022	204	39.6	33.8	5.6	0	1	1	5	39	77	60	15	5	1	0	0
Wed 11 May 2022	235	37.3	32.1	5.0	0	1	1	9	69	96	49	6	4	0	0	0
5 Day Ave.	230	38.2	32.7	5.3	0	1	2	8	59	87	56	14	3	0	0	0
7 Day Ave.	198	38.3	32.4	5.7	0	1	2	7	51	75	47	12	2	0	0	0

360 TSL Ltd

Direction: Total Flow

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<15	Bin 3 15<20	Bin 4 20<25	Bin 5 25<30	Bin 6 30<35	Bin 7 35<40	Bin 8 40<45	Bin 9 45<50	Bin 10 50<55	Bin 11 55<60	Bin 12 >=60
Thu 5 May 2022	527	37.7	31.9	5.5	0	2	2	29	179	171	105	32	6	1	0	0
Fri 6 May 2022	531	37.3	32.1	5.0	0	0	4	25	153	205	112	32	0	0	0	0
Sat 7 May 2022	289	38.2	31.2	6.7	1	5	11	20	83	88	62	15	2	2	0	0
Sun 8 May 2022	229	38.2	32.3	5.7	0	2	3	12	60	81	54	15	2	0	0	0
Mon 9 May 2022	486	37.3	31.9	5.1	1	0	3	25	149	175	109	22	2	0	0	0
Tue 10 May 2022	467	39.3	33.2	5.9	0	2	5	16	116	160	114	42	10	2	0	0
Wed 11 May 2022	517	36.7	31.4	5.1	0	2	2	30	182	183	97	15	6	0	0	0
5 Day Ave.	506	37.7	32.1	5.3	0	1	3	25	156	179	107	29	5	1	0	0
7 Day Ave.	435	37.8	32.0	5.6	0	2	4	22	132	152	93	25	4	1	0	0

360 TSL Ltd



# North Wales ATC 21, B5381 Glascoed Road

Direction: Eastbound

05/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	1	1	0	0	0
01:00	1	1	0	0	0
02:00	4	4	0	0	0
03:00	1	1	0	0	0
04:00	4	4	0	0	0
05:00	8	7	1	0	0
06:00	26	21	5	0	0
07:00	89	75	12	2	0
08:00	176	162	14	0	0
09:00	98	83	12	1	2
10:00	75	63	11	1	0
11:00	86	72	13	0	1
12:00	108	87	18	1	2
13:00	123	106	14	0	3
14:00	143	120	21	0	2
15:00	136	122	13	1	0
16:00	217	197	18	1	1
17:00	248	234	12	1	1
18:00	109	103	6	0	0
19:00	63	59	4	0	0
20:00	34	32	2	0	0
21:00	27	24	2	0	1
22:00	11	10	1	0	0
23:00	5	5	0	0	0
Total					
12H(7-19)	1608	1424	164	8	12
16H(6-22)	1758	1560	177	8	13
18H(6-24)	1774	1575	178	8	13
24H(0-24)	1793	1593	179	8	13
AM Peak	08:00	08:00	08:00	07:00	09:00
	176	162	14	2	2
PM Peak	17:00	17:00	14:00	12:00	13:00
	248	234	21	1	3

360 TSL Ltd

Direction: Westbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	1	1	0	0	0
01:00	1	1	0	0	0
02:00	0	0	0	0	0
03:00	2	1	1	0	0
04:00	1	1	0	0	0
05:00	33	31	2	0	0
06:00	38	31	6	1	0
07:00	177	156	20	0	1
08:00	307	269	32	2	4
09:00	132	109	19	2	2
10:00	91	75	15	1	0
11:00	91	73	16	1	1
12:00	87	68	17	0	2
13:00	110	92	17	0	1
14:00	108	87	19	0	2
15:00	140	108	29	2	1
16:00	140	104	32	0	4
17:00	152	128	23	0	1
18:00	60	53	6	0	1
19:00	38	31	6	0	1
20:00	31	26	3	0	2
21:00	28	24	3	0	1
22:00	13	8	4	0	1
23:00	7	6	1	0	0
Total					
12H(7-19)	1595	1322	245	8	20
16H(6-22)	1730	1434	263	9	24
18H(6-24)	1750	1448	268	9	25
24H(0-24)	1788	1483	271	9	25
AM Peak	08:00	08:00	08:00	08:00	08:00
	307	269	32	2	4
PM Peak	17:00	17:00	16:00	15:00	16:00
	152	128	32	2	4

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	2	2	0	0	0
01:00	2	2	0	0	0
02:00	4	4	0	0	0
03:00	3	2	1	0	0
04:00	5	5	0	0	0
05:00	41	38	3	0	0
06:00	64	52	11	1	0
07:00	266	231	32	2	1
08:00	483	431	46	2	4
09:00	230	192	31	3	4
10:00	166	138	26	2	0
11:00	177	145	29	1	2
12:00	195	155	35	1	4
13:00	233	198	31	0	4
14:00	251	207	40	0	4
15:00	276	230	42	3	1
16:00	357	301	50	1	5
17:00	400	362	35	1	2
18:00	169	156	12	0	1
19:00	101	90	10	0	1
20:00	65	58	5	0	2
21:00	55	48	5	0	2
22:00	24	18	5	0	1
23:00	12	11	1	0	0
Total					
12H(7-19)	3203	2746	409	16	32
16H(6-22)	3488	2994	440	17	37
18H(6-24)	3524	3023	446	17	38
24H(0-24)	3581	3076	450	17	38
AM Peak	08:00	08:00	08:00	09:00	08:00
	483	431	46	3	4
PM Peak	17:00	17:00	16:00	15:00	16:00
	400	362	50	3	5

360 TSL Ltd



# North Wales ATC 21, B5381 Glascoed Road

Direction: Eastbound

06/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	2	1	1	0	0
01:00	1	1	0	0	0
02:00	0	0	0	0	0
03:00	1	1	0	0	0
04:00	5	4	0	1	0
05:00	7	7	0	0	0
06:00	34	31	3	0	0
07:00	69	54	15	0	0
08:00	161	136	24	0	1
09:00	91	78	12	1	0
10:00	76	61	14	0	1
11:00	96	79	16	0	1
12:00	172	159	13	0	0
13:00	140	122	17	0	1
14:00	143	131	11	0	1
15:00	159	140	18	0	1
16:00	183	167	15	1	0
17:00	215	192	21	1	1
18:00	67	63	4	0	0
19:00	36	35	1	0	0
20:00	16	15	1	0	0
21:00	15	15	0	0	0
22:00	5	4	1	0	0
23:00	2	2	0	0	0
Total					
12H(7-19)	1572	1382	180	3	7
16H(6-22)	1673	1478	185	3	7
18H(6-24)	1680	1484	186	3	7
24H(0-24)	1696	1498	187	4	7
AM Peak	08:00	08:00	08:00	04:00	08:00
	161	136	24	1	1
PM Peak	17:00	17:00	17:00	16:00	13:00
	215	192	21	1	1

360 TSL Ltd

Direction: Westbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	1	1	0	0	0
01:00	1	1	0	0	0
02:00	0	0	0	0	0
03:00	3	1	2	0	0
04:00	5	4	1	0	0
05:00	35	33	2	0	0
06:00	29	25	1	0	3
07:00	151	130	20	0	1
08:00	238	208	29	0	1
09:00	127	104	19	0	4
10:00	98	81	17	0	0
11:00	113	86	26	0	1
12:00	126	106	18	0	2
13:00	108	82	25	0	1
14:00	107	90	16	0	1
15:00	122	100	21	0	1
16:00	145	123	20	0	2
17:00	123	107	15	0	1
18:00	76	66	10	0	0
19:00	28	23	4	0	1
20:00	23	20	2	0	1
21:00	9	7	2	0	0
22:00	7	6	0	0	1
23:00	2	2	0	0	0
Total					
12H(7-19)	1534	1283	236	0	15
16H(6-22)	1623	1358	245	0	20
18H(6-24)	1632	1366	245	0	21
24H(0-24)	1677	1406	250	0	21
AM Peak	08:00	08:00	08:00	00:00	09:00
	238	208	29	0	4
PM Peak	16:00	16:00	13:00	12:00	12:00
	145	123	25	0	2

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	3	2	1	0	0
01:00	2	2	0	0	0
02:00	0	0	0	0	0
03:00	4	2	2	0	0
04:00	10	8	1	1	0
05:00	42	40	2	0	0
06:00	63	56	4	0	3
07:00	220	184	35	0	1
08:00	399	344	53	0	2
09:00	218	182	31	1	4
10:00	174	142	31	0	1
11:00	209	165	42	0	2
12:00	298	265	31	0	2
13:00	248	204	42	0	2
14:00	250	221	27	0	2
15:00	281	240	39	0	2
16:00	328	290	35	1	2
17:00	338	299	36	1	2
18:00	143	129	14	0	0
19:00	64	58	5	0	1
20:00	39	35	3	0	1
21:00	24	22	2	0	0
22:00	12	10	1	0	1
23:00	4	4	0	0	0
Total					
12H(7-19)	3106	2665	416	3	22
16H(6-22)	3296	2836	430	3	27
18H(6-24)	3312	2850	431	3	28
24H(0-24)	3373	2904	437	4	28
AM Peak	08:00	08:00	08:00	04:00	09:00
	399	344	53	1	4
PM Peak	17:00	17:00	13:00	16:00	12:00
	338	299	42	1	2

360 TSL Ltd



# North Wales ATC 21, B5381 Glascoed Road

Direction: Eastbound

07/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	6	5	1	0	0
01:00	1	1	0	0	0
02:00	1	1	0	0	0
03:00	1	1	0	0	0
04:00	1	1	0	0	0
05:00	7	6	1	0	0
06:00	9	8	1	0	0
07:00	26	24	2	0	0
08:00	32	31	0	0	1
09:00	54	46	8	0	0
10:00	68	66	2	0	0
11:00	77	74	2	1	0
12:00	80	72	7	0	1
13:00	67	65	2	0	0
14:00	79	73	4	1	1
15:00	74	63	10	0	1
16:00	74	68	5	0	1
17:00	63	58	3	1	1
18:00	52	49	3	0	0
19:00	28	26	2	0	0
20:00	30	29	1	0	0
21:00	11	9	1	0	1
22:00	10	9	1	0	0
23:00	7	7	0	0	0
Total					
12H(7-19)	746	689	48	3	6
16H(6-22)	824	761	53	3	7
18H(6-24)	841	777	54	3	7
24H(0-24)	858	792	56	3	7
AM Peak	11:00 77	11:00 74	09:00 8	11:00 1	08:00 1
PM Peak	12:00 80	14:00 73	15:00 10	14:00 1	12:00 1

360 TSL Ltd

Direction: Westbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	5	5	0	0	0
01:00	3	3	0	0	0
02:00	2	2	0	0	0
03:00	0	0	0	0	0
04:00	6	6	0	0	0
05:00	11	10	1	0	0
06:00	17	15	1	0	1
07:00	19	16	2	0	1
08:00	46	38	7	0	1
09:00	65	51	14	0	0
10:00	96	88	8	0	0
11:00	130	117	13	0	0
12:00	95	83	11	1	0
13:00	80	71	7	1	1
14:00	68	60	7	0	1
15:00	68	64	4	0	0
16:00	56	51	3	1	1
17:00	36	33	2	0	1
18:00	36	29	6	0	1
19:00	24	22	1	0	1
20:00	17	11	4	0	2
21:00	23	19	3	0	1
22:00	10	9	1	0	0
23:00	3	3	0	0	0
Total					
12H(7-19)	795	701	84	3	7
16H(6-22)	876	768	93	3	12
18H(6-24)	889	780	94	3	12
24H(0-24)	916	806	95	3	12
AM Peak	11:00 130	11:00 117	09:00 14	00:00 0	06:00 1
PM Peak	12:00 95	12:00 83	12:00 11	12:00 1	20:00 2

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	11	10	1	0	0
01:00	4	4	0	0	0
02:00	3	3	0	0	0
03:00	1	1	0	0	0
04:00	7	7	0	0	0
05:00	18	16	2	0	0
06:00	26	23	2	0	1
07:00	45	40	4	0	1
08:00	78	69	7	0	2
09:00	119	97	22	0	0
10:00	164	154	10	0	0
11:00	207	191	15	1	0
12:00	175	155	18	1	1
13:00	147	136	9	1	1
14:00	147	133	11	1	2
15:00	142	127	14	0	1
16:00	130	119	8	1	2
17:00	99	91	5	1	2
18:00	88	78	9	0	1
19:00	52	48	3	0	1
20:00	47	40	5	0	2
21:00	34	28	4	0	2
22:00	20	18	2	0	0
23:00	10	10	0	0	0
Total					
12H(7-19)	1541	1390	132	6	13
16H(6-22)	1700	1529	146	6	19
18H(6-24)	1730	1557	148	6	19
24H(0-24)	1774	1598	151	6	19
AM Peak	11:00 207	11:00 191	09:00 22	11:00 1	08:00 2
PM Peak	12:00 175	12:00 155	12:00 18	12:00 1	14:00 2

360 TSL Ltd



# North Wales ATC 21, B5381 Glascoed Road

Direction: Eastbound

08/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	4	4	0	0	0
01:00	1	1	0	0	0
02:00	2	2	0	0	0
03:00	0	0	0	0	0
04:00	2	2	0	0	0
05:00	1	1	0	0	0
06:00	5	5	0	0	0
07:00	5	4	1	0	0
08:00	17	16	1	0	0
09:00	27	26	1	0	0
10:00	60	58	2	0	0
11:00	68	64	4	0	0
12:00	68	64	4	0	0
13:00	66	64	1	1	0
14:00	67	64	3	0	0
15:00	62	54	8	0	0
16:00	85	80	4	1	0
17:00	76	75	1	0	0
18:00	36	33	3	0	0
19:00	27	27	0	0	0
20:00	15	14	1	0	0
21:00	17	16	1	0	0
22:00	6	6	0	0	0
23:00	1	1	0	0	0
Total					
12H(7-19)	637	602	33	2	0
16H(6-22)	701	664	35	2	0
18H(6-24)	708	671	35	2	0
24H(0-24)	718	681	35	2	0
AM Peak	11:00	11:00	11:00	00:00	00:00
	68	64	4	0	0
PM Peak	16:00	16:00	15:00	13:00	12:00
	85	80	8	1	0

360 TSL Ltd

Direction: Westbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	2	2	0	0	0
01:00	4	4	0	0	0
02:00	1	1	0	0	0
03:00	0	0	0	0	0
04:00	5	5	0	0	0
05:00	4	3	1	0	0
06:00	9	8	1	0	0
07:00	17	14	3	0	0
08:00	20	19	1	0	0
09:00	37	35	2	0	0
10:00	77	73	4	0	0
11:00	75	71	4	0	0
12:00	69	64	5	0	0
13:00	58	53	5	0	0
14:00	54	50	4	0	0
15:00	46	44	2	0	0
16:00	56	48	7	1	0
17:00	31	30	1	0	0
18:00	22	18	3	0	1
19:00	29	28	1	0	0
20:00	11	11	0	0	0
21:00	6	5	1	0	0
22:00	6	6	0	0	0
23:00	3	3	0	0	0
Total					
12H(7-19)	562	519	41	1	1
16H(6-22)	617	571	44	1	1
18H(6-24)	626	580	44	1	1
24H(0-24)	642	595	45	1	1
AM Peak	10:00	10:00	10:00	00:00	00:00
	77	73	4	0	0
PM Peak	12:00	12:00	16:00	16:00	18:00
	69	64	7	1	1

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	6	6	0	0	0
01:00	5	5	0	0	0
02:00	3	3	0	0	0
03:00	0	0	0	0	0
04:00	7	7	0	0	0
05:00	5	4	1	0	0
06:00	14	13	1	0	0
07:00	22	18	4	0	0
08:00	37	35	2	0	0
09:00	64	61	3	0	0
10:00	137	131	6	0	0
11:00	143	135	8	0	0
12:00	137	128	9	0	0
13:00	124	117	6	1	0
14:00	121	114	7	0	0
15:00	108	98	10	0	0
16:00	141	128	11	2	0
17:00	107	105	2	0	0
18:00	58	51	6	0	1
19:00	56	55	1	0	0
20:00	26	25	1	0	0
21:00	23	21	2	0	0
22:00	12	12	0	0	0
23:00	4	4	0	0	0
Total					
12H(7-19)	1199	1121	74	3	1
16H(6-22)	1318	1235	79	3	1
18H(6-24)	1334	1251	79	3	1
24H(0-24)	1360	1276	80	3	1
AM Peak	11:00	11:00	11:00	00:00	00:00
	143	135	8	0	0
PM Peak	16:00	12:00	16:00	16:00	18:00
	141	128	11	2	1

360 TSL Ltd



# North Wales ATC 21, B5381 Glascoed Road

Direction: Eastbound

09/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	2	2	0	0	0
01:00	2	2	0	0	0
02:00	1	1	0	0	0
03:00	3	3	0	0	0
04:00	8	6	2	0	0
05:00	7	5	2	0	0
06:00	20	13	7	0	0
07:00	94	78	15	0	1
08:00	172	155	14	2	1
09:00	86	69	17	0	0
10:00	75	68	6	1	0
11:00	94	81	11	1	1
12:00	127	114	12	0	1
13:00	122	108	13	0	1
14:00	128	118	8	1	1
15:00	124	106	17	1	0
16:00	251	233	17	0	1
17:00	252	233	17	0	2
18:00	79	76	3	0	0
19:00	38	37	1	0	0
20:00	24	23	1	0	0
21:00	28	26	2	0	0
22:00	6	6	0	0	0
23:00	2	2	0	0	0
Total					
12H(7-19)	1604	1439	150	6	9
16H(6-22)	1714	1538	161	6	9
18H(6-24)	1722	1546	161	6	9
24H(0-24)	1745	1565	165	6	9
AM Peak	08:00 172	08:00 155	09:00 17	08:00 2	07:00 1
PM Peak	17:00 252	16:00 233	15:00 17	14:00 1	17:00 2

360 TSL Ltd

Direction: Westbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	3	2	1	0	0
01:00	1	1	0	0	0
02:00	1	1	0	0	0
03:00	5	2	3	0	0
04:00	5	4	1	0	0
05:00	29	27	2	0	0
06:00	31	28	1	0	2
07:00	171	154	16	0	1
08:00	271	242	25	2	2
09:00	94	74	20	0	0
10:00	85	67	18	0	0
11:00	98	84	9	0	5
12:00	99	79	15	2	3
13:00	117	105	10	0	2
14:00	114	96	16	1	1
15:00	120	94	25	0	1
16:00	122	101	18	1	2
17:00	136	119	16	0	1
18:00	52	46	5	0	1
19:00	29	21	6	1	1
20:00	36	34	1	0	1
21:00	19	19	0	0	0
22:00	6	5	1	0	0
23:00	2	1	1	0	0
Total					
12H(7-19)	1479	1261	193	6	19
16H(6-22)	1594	1363	201	7	23
18H(6-24)	1602	1369	203	7	23
24H(0-24)	1646	1406	210	7	23
AM Peak	08:00 271	08:00 242	08:00 25	08:00 2	11:00 5
PM Peak	17:00 136	17:00 119	15:00 25	12:00 2	12:00 3

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	5	4	1	0	0
01:00	3	3	0	0	0
02:00	2	2	0	0	0
03:00	8	5	3	0	0
04:00	13	10	3	0	0
05:00	36	32	4	0	0
06:00	51	41	8	0	2
07:00	265	232	31	0	2
08:00	443	397	39	4	3
09:00	180	143	37	0	0
10:00	160	135	24	1	0
11:00	192	165	20	1	6
12:00	226	193	27	2	4
13:00	239	213	23	0	3
14:00	242	214	24	2	2
15:00	244	200	42	1	1
16:00	373	334	35	1	3
17:00	388	352	33	0	3
18:00	131	122	8	0	1
19:00	67	58	7	1	1
20:00	60	57	2	0	1
21:00	47	45	2	0	0
22:00	12	11	1	0	0
23:00	4	3	1	0	0
Total					
12H(7-19)	3083	2700	343	12	28
16H(6-22)	3308	2901	362	13	32
18H(6-24)	3324	2915	364	13	32
24H(0-24)	3391	2971	375	13	32
AM Peak	08:00 443	08:00 397	08:00 39	08:00 4	11:00 6
PM Peak	17:00 388	17:00 352	15:00 42	12:00 2	12:00 4

360 TSL Ltd



# North Wales ATC 21, B5381 Glascoed Road

Direction: Eastbound

10/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	1	1	0	0	0
01:00	1	1	0	0	0
02:00	1	1	0	0	0
03:00	1	1	0	0	0
04:00	4	4	0	0	0
05:00	7	7	0	0	0
06:00	30	25	5	0	0
07:00	82	66	16	0	0
08:00	156	136	19	0	1
09:00	79	68	11	0	0
10:00	83	66	16	0	1
11:00	110	86	21	2	1
12:00	119	98	19	1	1
13:00	114	100	12	1	1
14:00	124	110	10	1	3
15:00	139	125	11	2	1
16:00	267	244	20	1	2
17:00	244	229	13	0	2
18:00	79	71	8	0	0
19:00	27	26	1	0	0
20:00	20	17	2	1	0
21:00	22	20	2	0	0
22:00	5	4	1	0	0
23:00	2	2	0	0	0
Total					
12H(7-19)	1596	1399	176	8	13
16H(6-22)	1695	1487	186	9	13
18H(6-24)	1702	1493	187	9	13
24H(0-24)	1717	1508	187	9	13
AM Peak	08:00 156	08:00 136	11:00 21	11:00 2	08:00 1
PM Peak	16:00 267	16:00 244	16:00 20	15:00 2	14:00 3

360 TSL Ltd

Direction: Westbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	0	0	0	0	0
01:00	1	1	0	0	0
02:00	0	0	0	0	0
03:00	1	0	1	0	0
04:00	1	1	0	0	0
05:00	27	25	2	0	0
06:00	35	32	3	0	0
07:00	162	145	15	0	2
08:00	295	257	35	0	3
09:00	146	117	27	1	1
10:00	84	72	10	0	2
11:00	92	76	16	0	0
12:00	116	91	23	1	1
13:00	114	96	15	2	1
14:00	86	68	15	0	3
15:00	118	95	21	0	2
16:00	97	71	24	0	2
17:00	136	107	28	0	1
18:00	50	43	6	1	0
19:00	33	28	4	0	1
20:00	28	25	1	0	2
21:00	18	17	1	0	0
22:00	7	6	1	0	0
23:00	3	3	0	0	0
Total					
12H(7-19)	1496	1238	235	5	18
16H(6-22)	1610	1340	244	5	21
18H(6-24)	1620	1349	245	5	21
24H(0-24)	1650	1376	248	5	21
AM Peak	08:00 295	08:00 257	08:00 35	09:00 1	08:00 3
PM Peak	17:00 136	17:00 107	17:00 28	13:00 2	14:00 3

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	1	1	0	0	0
01:00	2	2	0	0	0
02:00	1	1	0	0	0
03:00	2	1	1	0	0
04:00	5	5	0	0	0
05:00	34	32	2	0	0
06:00	65	57	8	0	0
07:00	244	211	31	0	2
08:00	451	393	54	0	4
09:00	225	185	38	1	1
10:00	167	138	26	0	3
11:00	202	162	37	2	1
12:00	235	189	42	2	2
13:00	228	196	27	3	2
14:00	210	178	25	1	6
15:00	257	220	32	2	3
16:00	364	315	44	1	4
17:00	380	336	41	0	3
18:00	129	114	14	1	0
19:00	60	54	5	0	1
20:00	48	42	3	1	2
21:00	40	37	3	0	0
22:00	12	10	2	0	0
23:00	5	5	0	0	0
Total					
12H(7-19)	3092	2637	411	13	31
16H(6-22)	3305	2827	430	14	34
18H(6-24)	3322	2842	432	14	34
24H(0-24)	3367	2884	435	14	34
AM Peak	08:00 451	08:00 393	08:00 54	11:00 2	08:00 4
PM Peak	17:00 380	17:00 336	16:00 44	13:00 3	14:00 6

360 TSL Ltd



# North Wales ATC 21, B5381 Glascoed Road

Direction: Eastbound

11/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	4	3	1	0	0
01:00	4	4	0	0	0
02:00	1	1	0	0	0
03:00	1	1	0	0	0
04:00	3	3	0	0	0
05:00	7	4	1	0	2
06:00	27	23	4	0	0
07:00	83	61	21	0	1
08:00	164	152	11	0	1
09:00	65	54	11	0	0
10:00	98	84	14	0	0
11:00	123	112	11	0	0
12:00	121	109	10	1	1
13:00	120	110	8	1	1
14:00	146	129	16	0	1
15:00	136	120	15	1	0
16:00	217	195	20	1	1
17:00	233	216	15	1	1
18:00	115	108	7	0	0
19:00	67	62	4	1	0
20:00	28	26	2	0	0
21:00	30	28	1	0	1
22:00	15	14	1	0	0
23:00	4	4	0	0	0
Total					
12H(7-19)	1621	1450	159	5	7
16H(6-22)	1773	1589	170	6	8
18H(6-24)	1792	1607	171	6	8
24H(0-24)	1812	1623	173	6	10
AM Peak	08:00 164	08:00 152	07:00 21	00:00 0	05:00 2
PM Peak	17:00 233	17:00 216	16:00 20	12:00 1	12:00 1

360 TSL Ltd

Direction: Westbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	1	1	0	0	0
01:00	4	3	1	0	0
02:00	0	0	0	0	0
03:00	2	0	2	0	0
04:00	1	1	0	0	0
05:00	29	26	3	0	0
06:00	40	36	3	0	1
07:00	158	145	13	0	0
08:00	299	268	31	0	0
09:00	154	140	14	0	0
10:00	113	87	25	0	1
11:00	102	74	27	0	1
12:00	110	87	21	1	1
13:00	105	90	13	0	2
14:00	96	75	19	0	2
15:00	139	107	29	2	1
16:00	145	105	38	0	2
17:00	147	121	25	0	1
18:00	67	59	7	0	1
19:00	43	35	7	0	1
20:00	24	20	2	0	2
21:00	26	21	4	0	1
22:00	17	12	4	0	1
23:00	7	6	1	0	0
Total					
12H(7-19)	1635	1358	262	3	12
16H(6-22)	1768	1470	278	3	17
18H(6-24)	1792	1488	283	3	18
24H(0-24)	1829	1519	289	3	18
AM Peak	08:00 299	08:00 268	08:00 31	00:00 0	06:00 1
PM Peak	17:00 147	17:00 121	16:00 38	15:00 2	13:00 2

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	5	4	1	0	0
01:00	8	7	1	0	0
02:00	1	1	0	0	0
03:00	3	1	2	0	0
04:00	4	4	0	0	0
05:00	36	30	4	0	2
06:00	67	59	7	0	1
07:00	241	206	34	0	1
08:00	463	420	42	0	1
09:00	219	194	25	0	0
10:00	211	171	39	0	1
11:00	225	186	38	0	1
12:00	231	196	31	2	2
13:00	225	200	21	1	3
14:00	242	204	35	0	3
15:00	275	227	44	3	1
16:00	362	300	58	1	3
17:00	380	337	40	1	2
18:00	182	167	14	0	1
19:00	110	97	11	1	1
20:00	52	46	4	0	2
21:00	56	49	5	0	2
22:00	32	26	5	0	1
23:00	11	10	1	0	0
Total					
12H(7-19)	3256	2808	421	8	19
16H(6-22)	3541	3059	448	9	25
18H(6-24)	3584	3095	454	9	26
24H(0-24)	3641	3142	462	9	28
AM Peak	08:00 463	08:00 420	08:00 42	00:00 0	05:00 2
PM Peak	17:00 380	17:00 337	16:00 58	15:00 3	13:00 3

360 TSL Ltd



North Wales ATC 21, B5381 Glascock Road

Direction: Eastbound

05/05/2022																
Hour Beginning	Total Volume	ESD Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-15	Bin 3 15-20	Bin 4 20-25	Bin 5 25-30	Bin 6 30-35	Bin 7 35-40	Bin 8 40-45	Bin 9 45-50	Bin 10 50-55	Bin 11 55-60	Bin 12 >=60
00:00	1	-	37.5	-	0	0	0	0	0	0	0	0	0	0	0	0
01:00	1	-	47.5	-	0	0	0	0	0	0	0	0	0	1	0	0
02:00	4	36.7	32.5	4.1	0	0	0	0	0	1	2	1	0	0	0	0
03:00	1	-	37.5	-	0	0	0	0	0	0	1	0	0	0	0	0
04:00	4	41.2	36.3	4.8	0	0	0	0	0	2	1	1	0	0	0	0
05:00	8	48.4	36.3	6.9	0	0	0	0	2	1	1	1	0	0	0	0
06:00	26	38.8	33.5	5.1	0	0	0	0	8	8	7	3	0	0	0	0
07:00	69	37.0	32.0	4.8	0	0	0	0	3	29	18	2	0	1	0	0
08:00	176	35.7	30.9	4.7	0	0	1	10	71	61	29	3	1	0	0	0
09:00	98	38.9	33.1	5.6	0	0	1	4	21	41	21	7	3	0	0	0
10:00	75	35.9	30.5	5.2	0	0	1	8	25	31	8	0	2	0	0	0
11:00	86	36.3	30.2	5.9	0	0	2	11	35	22	10	5	1	0	0	0
12:00	108	39.3	32.8	6.3	0	1	0	5	36	29	19	17	1	0	0	0
13:00	123	39.0	32.9	5.9	0	1	2	3	29	47	32	7	1	0	1	0
14:00	143	37.3	32.0	5.1	0	1	0	6	47	48	34	7	0	0	0	0
15:00	136	37.4	30.9	6.3	0	0	1	16	59	27	20	10	2	1	0	0
16:00	217	37.8	32.9	5.8	0	2	0	13	74	66	47	11	0	0	0	0
17:00	248	37.9	32.2	5.5	0	0	2	13	79	83	50	18	3	0	0	0
18:00	309	36.4	33.3	5.9	0	0	0	7	26	37	23	14	2	0	0	0
19:00	63	40.2	33.4	6.6	0	1	1	0	18	18	18	3	4	0	0	0
20:00	34	34.0	29.6	4.3	0	0	1	3	13	15	2	0	0	0	0	0
21:00	17	45.0	37.1	7.6	0	0	0	0	4	9	6	4	1	3	0	0
22:00	11	54.8	42.7	11.6	0	0	0	0	1	2	3	1	1	1	1	1
23:00	5	54.6	38.5	15.6	0	1	0	0	0	0	1	1	1	1	0	0
Total																
2H(0-12)	161	36.1	30.3	5.6	0	0	3	19	60	53	18	5	3	0	0	0
2H(14-16)	279	37.4	31.4	5.7	0	1	1	22	106	75	54	17	2	1	0	0
12H(7-19)	1608	37.7	33.9	5.6	0	5	11	98	531	538	311	101	20	2	1	0
24H(0-24)	1798	38.2	32.1	5.8	0	7	13	101	578	585	355	115	29	7	2	1
AM Peak	08:00	01:00	01:00	01:00	00:00	00:00	11:00	11:00	08:00	08:00	08:00	09:00	09:00	07:00	00:00	00:00
PM Peak	17:00	22:00	22:00	23:00	12:00	16:00	13:00	15:00	17:00	17:00	17:00	17:00	16:00	21:00	13:00	22:00
	248	54.8	42.7	15.6	0	2	2	16	79	83	50	18	4	3	1	1

360 TSL Ltd

Direction: Westbound

05/05/2022																
Hour Beginning	Total Volume	ESD Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-15	Bin 3 15-20	Bin 4 20-25	Bin 5 25-30	Bin 6 30-35	Bin 7 35-40	Bin 8 40-45	Bin 9 45-50	Bin 10 50-55	Bin 11 55-60	Bin 12 >=60
00:00	1	-	37.5	-	0	0	0	0	0	0	1	0	0	0	0	0
01:00	1	-	32.5	-	0	0	0	0	0	0	1	0	0	0	0	0
02:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
03:00	2	43.7	45.0	5.8	0	0	0	0	0	1	1	0	0	0	0	0
04:00	1	-	42.5	-	0	0	0	0	0	0	0	1	0	0	0	0
05:00	13	46.4	37.2	8.0	1	0	0	1	3	4	11	6	3	1	1	0
06:00	38	40.4	34.0	6.2	1	1	0	1	3	16	13	4	0	0	0	0
07:00	177	39.1	33.5	5.4	1	1	1	3	30	72	56	11	2	0	0	0
08:00	307	38.3	33.0	5.4	1	1	1	13	79	139	78	24	2	0	0	0
09:00	132	38.7	33.3	5.2	0	0	0	4	33	48	34	11	2	0	0	0
10:00	91	37.2	30.5	6.5	1	1	0	14	26	23	17	6	0	0	0	0
11:00	91	37.9	32.0	5.7	0	0	1	9	22	34	18	6	1	0	0	0
12:00	87	39.0	33.5	5.8	1	0	1	0	18	34	24	7	2	0	0	0
13:00	110	39.2	34.1	5.0	0	0	2	17	50	29	20	1	1	0	0	0
14:00	108	37.0	31.5	5.3	0	1	0	4	41	39	15	7	1	0	0	0
15:00	140	38.5	33.2	5.1	0	1	3	12	57	36	8	3	0	0	0	0
16:00	140	38.7	33.5	5.0	0	0	0	4	30	53	43	7	3	0	0	0
17:00	152	39.0	33.5	5.4	0	0	2	1	35	55	43	10	2	0	0	0
18:00	60	39.3	34.6	4.7	0	0	1	7	25	22	3	2	0	0	0	0
19:00	38	39.5	33.3	6.0	0	0	0	3	8	13	9	4	1	0	0	0
20:00	31	40.6	34.8	5.6	0	0	0	0	7	11	2	2	0	0	0	0
21:00	28	43.6	34.1	9.2	1	1	0	0	4	10	6	2	4	0	0	0
22:00	13	38.9	34.0	4.7	0	0	0	0	2	7	1	1	1	0	0	0
23:00	7	45.2	38.2	8.7	0	0	0	0	0	2	4	0	0	1	0	0
Total																
2H(0-12)	182	37.6	31.2	6.1	1	1	1	23	51	57	35	12	1	0	0	0
2H(14-16)	248	37.9	32.5	6.3	0	1	1	7	73	96	51	15	4	0	0	0
12H(7-19)	1595	38.7	33.0	5.4	4	4	8	56	364	609	435	113	21	1	0	0
24H(0-24)	1788	39.1	33.2	5.6	7	5	8	61	391	675	473	135	31	1	1	0
AM Peak	08:00	01:00	01:00	01:00	00:00	07:00	07:00	10:00	08:00	08:00	08:00	08:00	09:00	05:00	05:00	00:00
PM Peak	17:00	22:00	23:00	21:00	12:00	14:00	17:00	14:00	14:00	15:00	16:00	17:00	21:00	13:00	12:00	17:00
	152	45.2	38.2	9.2	1	1	3	4	45	57	43	10	4	1	0	0

360 TSL Ltd

Direction: Total Flow

Hour	Total Volume	ESD Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-15	Bin 3 15-20	Bin 4 20-25	Bin 5 25-30	Bin 6 30-35	Bin 7 35-40	Bin 8 40-45	Bin 9 45-50	Bin 10 50-55	Bin 11 55-60	Bin 12 >=60
00:00	2	37.5	37.5	0.0	0	0	0	0	0	0	2	0	0	0	0	0
01:00	2	51.0	40.0	10.6	0	0	0	0	0	1	0	0	1	0	0	0
02:00	4	36.7	32.5	4.1	0	0	0	0	0	1	2	1	0	0	0	0
03:00	3	42.2	39.2	2.9	0	0	0	0	0	0	2	1	0	0	0	0
04:00	5	43.7	37.5	5.0	0	0	0	0	2	1	2	0	0	0	0	0
05:00	41	45.9	37.0	8.6	1	0	0	1	5	7	14	7	4	1	1	0
06:00	64	39.7	33.8	5.7	1	0	0	1	11	24	20	7	0	0	0	0
07:00	266	38.4	33.0	5.2	1	1	1	6	59	108	74	13	2	1	0	0
08:00	483	37.8	32.2	5.2	1	1	2	21	141	180	107	27	3	0	0	0
09:00	230	38.8	33.2	5.4	0	0	1	8	84	89	55	18	5	0	0	0
10:00	166	36.6	30.5	5.9	1	1	1	22	54	54	25	6	2	0	0	0
11:00	177	37.2	30.1	5.8	0	0	3	20	57	56	28	11	2	0	0	0
12:00	195	39.4	33.1	6.1	1	1	1	5	54	63	43	24	3	0	0	0
13:00	231	39.1	32.9	5.5	0	1	2	5	46	97	61	17	2	0	0	0
14:00	251	37.2	31.8	5.2	0	2	0	10	88	87	49	14	2	0	0	0
15:00	276	38.1	32.1	5.8	0	0	2	19	91	84	56	18	5	1	0	0
16:00	327	38.2	32.5	5.3	0	2	1	16	104	119	90	18	7	0	0	0
17:00	400	38.3	32.7	5.5	0	0	5	14	114	138	93	31	5	0	0	0
18:00	169	39.4	33.7	5.5	0	0	8	31	63	45	17	4	0	0	0	0
19:00	101	39.9	33.3	6.3	0	1	1	3	26	31	27	7	5	0	0	0
20:00	65	37.8	32.0	5.6	0	0	1	3	20	24	13	2	2	0	0	0
21:00	55	44.4	35.6	8.5	1	0	0	0	8	19	12	6	5	3	1	0
22:00	24	47.9	38.0	9.5	0	0	0	0	3	9	5	3	1	1	1	1
23:00	12	49.3	39.1	10.6	0	1	0	0	0	2	1	1	1	2	0	0
Total																
2H(0-12)	343	36.9	30.8	5.9	1	1	4	42	111	110	53	17	4	0	0	0
2H(13-24)	327	37.7	31.9	5.5	0	2	2	29	179	171	105	32	6	1	0	0
24H	1070	38.2	32.5	5.6	0	9	19	134	888	1137	718	234	24	5	1	0
AHPM 24	381	38.7	32.7	5.8	7	12	21	162	369	328	250	60	10	3	0	1
PHM Peak	08:00	01:00	01:00	00:00	05:00	07:00	11:00	12:00	14:00	17:00	15:00	17:00	17:00	18:00	21:00	22:00
	483	51.0	40.0	10.6	5	5	5	22	141	180	107	27	5	1	1	0
PHM Peak	17:00	23:00	23:00	23:00	12:00	14:00	17:00	15:00	17:00	17:00	17:00	17:00	18:00	21:00	22:00	22:00



North Wales ATC 21, B5381 Glascoed Road

Direction: Eastbound

06/05/2022																
Hour Beginning	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-15	Bin 3 15-20	Bin 4 20-25	Bin 5 25-30	Bin 6 30-35	Bin 7 35-40	Bin 8 40-45	Bin 9 45-50	Bin 10 50-55	Bin 11 55-60	Bin 12 >=60
00:00	2	43.7	40.8	5.5	0	0	0	0	0	0	1	1	0	0	0	0
01:00	1	-	27.5	-	0	0	0	0	1	0	0	0	0	0	0	0
02:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
03:00	1	-	32.5	-	0	0	0	0	0	1	0	0	0	0	0	0
04:00	5	42.2	36.5	5.5	0	0	0	0	0	3	0	2	0	0	0	0
05:00	7	40.8	33.2	7.3	0	0	0	0	3	2	1	0	1	0	0	0
06:00	34	43.6	35.4	7.9	0	0	0	1	9	8	8	3	4	0	1	0
07:00	69	39.6	34.2	6.3	0	0	1	1	6	14	15	8	2	0	0	0
08:00	91	37.5	32.1	5.2	0	0	1	2	29	39	13	1	0	0	0	0
09:00	76	37.5	30.9	6.3	0	1	3	5	24	27	11	3	2	0	0	0
10:00	96	36.9	31.0	5.7	0	0	4	5	36	25	22	4	0	0	0	0
11:00	172	35.8	30.0	5.6	0	1	8	15	60	63	17	8	0	0	0	0
12:00	140	36.9	31.3	5.4	0	2	2	2	50	58	22	2	0	2	0	0
13:00	143	36.2	31.1	4.9	0	0	1	9	51	57	17	8	0	0	0	0
14:00	159	36.8	32.1	4.6	0	0	0	6	49	60	39	5	0	0	0	0
15:00	185	37.7	32.4	5.5	0	0	1	15	46	72	27	15	0	0	0	0
16:00	215	37.6	31.8	5.6	0	0	4	16	63	74	45	14	1	0	0	0
17:00	67	40.0	33.5	6.2	0	1	0	1	18	21	17	6	3	0	0	0
18:00	36	40.2	34.0	6.0	0	0	0	2	6	15	6	1	0	0	0	0
19:00	16	44.3	37.5	6.6	0	0	0	0	3	3	2	7	1	0	0	0
20:00	15	36.7	33.2	5.3	0	0	0	0	5	5	3	2	0	0	0	0
21:00	5	40.3	33.5	6.5	0	0	0	0	2	1	1	1	0	0	0	0
22:00	2	37.5	37.5	0.0	0	0	0	0	0	0	2	0	0	0	0	0
Total	172	37.2	31.0	6.0	0	1	7	10	60	52	33	7	2	0	0	0
2H(14-16)	302	36.5	31.7	4.7	0	0	1	15	100	117	56	13	0	0	0	0
12H(7-19)	1572	37.3	31.7	5.4	0	6	25	81	489	600	276	84	13	2	0	0
24H(0-24)	6096	37.7	31.9	5.6	0	6	25	84	514	638	360	106	2	1	0	0
AM Peak	08:00	05:00	03:00	06:00	00:00	08:00	11:00	10:00	08:00	08:00	08:00	07:00	06:00	00:00	06:00	00:00
	161	43.7	40.8	7.9	0	1	4	5	49	69	31	8	4	0	1	0
PM Peak	17:00	20:00	20:00	20:00	12:00	13:00	12:00	17:00	17:00	16:00	18:00	16:00	18:00	13:00	12:00	12:00
	215	46.3	37.5	6.6	0	2	8	16	63	75	45	15	3	2	0	0

360 TSL Ltd

Direction: Westbound

Hour	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-15	Bin 3 15-20	Bin 4 20-25	Bin 5 25-30	Bin 6 30-35	Bin 7 35-40	Bin 8 40-45	Bin 9 45-50	Bin 10 50-55	Bin 11 55-60	Bin 12 >=60
00:00	1	-	32.5	-	0	0	0	0	0	1	0	0	0	0	0	0
01:00	1	-	32.5	-	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
03:00	3	43.8	45.8	7.9	0	0	0	0	0	1	2	0	0	0	0	0
04:00	5	45.7	37.5	7.9	0	0	0	0	1	1	1	1	1	0	0	0
05:00	35	46.9	39.2	7.4	0	0	0	0	2	11	7	6	7	1	1	0
06:00	29	39.6	33.4	6.0	0	0	0	1	9	8	7	3	1	0	0	0
07:00	151	39.9	33.9	5.8	0	3	0	3	27	45	61	9	3	0	0	0
08:00	238	38.5	34.0	4.7	0	0	7	32	106	69	22	2	0	0	0	0
09:00	127	38.6	33.2	5.1	0	1	0	1	28	58	27	11	0	1	0	0
10:00	96	37.6	31.9	5.5	0	2	0	2	32	37	19	5	1	0	0	0
11:00	113	37.6	31.8	5.6	0	0	2	7	36	35	26	6	1	0	0	0
12:00	126	37.2	32.2	4.8	0	0	0	8	30	57	26	3	2	0	0	0
13:00	108	36.4	31.5	4.7	0	0	3	7	35	43	20	2	1	0	0	0
14:00	207	38.1	32.0	5.9	0	0	3	8	28	34	25	9	0	0	0	0
15:00	122	38.2	31.4	4.5	0	0	0	2	25	54	31	10	0	0	0	0
16:00	145	39.0	33.1	5.7	2	0	0	4	28	61	43	3	3	1	0	0
17:00	123	38.2	32.8	5.3	0	0	1	6	21	51	29	7	2	0	0	0
18:00	76	39.7	34.0	5.4	1	0	0	1	11	19	28	5	1	0	0	0
19:00	28	39.1	35.0	4.0	0	0	0	0	2	12	13	0	1	0	0	0
20:00	23	43.0	33.0	8.7	1	0	0	0	1	9	3	4	2	2	1	0
21:00	9	37.9	33.6	4.2	0	0	0	0	2	3	4	0	0	0	0	0
22:00	7	36.8	31.6	6.7	0	0	0	0	1	2	2	1	1	0	0	0
23:00	2	37.5	37.5	0.0	0	0	0	0	0	0	2	0	0	0	0	0
Total	211	37.6	31.9	5.5	0	2	2	9	68	72	45	11	2	0	0	0
2H(14-16)	229	38.2	32.8	5.3	0	0	3	10	53	88	56	19	0	0	0	0
12H(7-19)	1534	38.4	32.9	5.3	3	6	6	56	339	610	404	92	16	2	0	0
24H(0-24)	6077	38.9	33.1	5.5	4	6	6	59	366	652	444	107	16	4	1	0
AM Peak	08:00	05:00	03:00	06:00	00:00	07:00	11:00	08:00	11:00	08:00	08:00	08:00	05:00	05:00	05:00	00:00
	238	46.9	40.8	7.9	0	3	2	7	36	106	69	22	2	1	1	0
PM Peak	17:00	20:00	20:00	20:00	16:00	12:00	14:00	12:00	13:00	16:00	16:00	16:00	16:00	16:00	12:00	12:00
	215	45.0	37.5	6.7	2	0	3	8	35	61	43	10	3	1	0	0

360 TSL Ltd

Direction: Total Flow

Hour	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-15	Bin 3 15-20	Bin 4 20-25	Bin 5 25-30	Bin 6 30-35	Bin 7 35-40	Bin 8 40-45	Bin 9 45-50	Bin 10 50-55	Bin 11 55-60	Bin 12 >=60
00:00	3	42.7	37.5	6.0	0	0	0	0	0	1	1	0	0	0	0	0
01:00	2	33.7	30.0	3.5	0	0	0	0	0	1	1	0	0	0	0	0
02:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
03:00	4	43.7	38.8	4.8	0	0	0	0	0	1	1	2	0	0	0	0
04:00	10	43.7	37.0	6.4	0	0	0	0	0	1	4	1	1	0	0	0
05:00	42	46.1	38.2	7.6	0	0	0	0	5	13	8	6	8	1	1	0
06:00	63	41.8	34.5	7.1	0	0	0	2	18	16	15	6	5	0	0	0
07:00	220	39.8	34.0	5.6	0	3	1	4	35	79	76	17	5	0	0	0
08:00	399	38.2	33.2	4.8	0	1	0	11	81	175	100	28	3	0	0	0
09:00	218	38.1	32.8	5.2	1	1	3	5	97	49	56	2	1	0	0	0
10:00	174	37.6	31.5	5.9	0	3	3	7	56	64	30	8	3	0	0	0
11:00	200	37.2	31.5	5.6	0	0	0	12	71	60	48	10	1	0	0	0
12:00	208	36.5	30.9	5.4	0	1	8	23	90	120	43	11	2	0	0	0
13:00	248	36.7	31.4	5.1	0	0	2	9	85	101	42	4	0	0	0	0
14:00	250	37.0	31.5	5.3	0	0	4	17	79	91	42	17	0	0	0	0
15:00	281	37.4	32.7	4.6	0	0	0	8	74	114	70	15	0	0	0	0
16:00	138	38.3	32.5	5.6	2	0	1	19	76	136	70	18	5	1	0	0
17:00	138	37.8	32.1	5.5	0	0	5	22	90	123	74	21	3	0	0	0
18:00	143	39.8	33.8	5.8	1	1	0	2	29	53	45	11	4	0	0	0
19:00	64	39.8	34.5	5.2	0	0	0	2	8	27	19	6	2	0	0	0
20:00	39	43.9	34.8	8.8	1	0	0	1	12	6	6	9	3	1	0	0
21:00	24	38.3	33.3	4.8	0	0	0	0	7	2	0	7	2	0	0	0
22:00	12	39.1	32.5	6.4	0	0	0	1	4	3	2	2	0	0	0	0
23:00	4	37.5	37.5	0.0	0	0	0	0	0	0	4	0	0	0	0	0
Total	383	37.4	31.5	5.7	0	3	9	19	128	124	78	18	4	0	0	0
2H	351	37.3	32.1	5.0	0	4	25	153	205	132	132	33	17	4	0	0
2H	383	37.3	31.5	5.4	0	3	12	31	143	120	68	18	4	0	0	0
2H	383	37.3	32.5	5.6	4	12	31	83	84	88	129	74	21	48	6	2
Ampm	08:00	05:00	03:00	00:00	00:00	00:00	11:00	11:00	11:00	08:00	08:00	08:00	08:00	05:00	00:00	00:00
Peak	188	45.5	37.6	7.6	0	0	0	0	0	0	0	0	0	0	0	0
Peak	170	20.000	20.00	20.00	16.00	13.00	12.00	12.00	12.00	12.00	17.00	21.00	16.00	13.00	12.00	12.00
Peak	188	45.5	37.6	7.6	0	0	0	0	0	0	0	0	0	0	0	0



North Wales ATC 21, B5381 Glascoed Road

Direction: Eastbound

07/05/2022															
Hour Beginning	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 10-15	Bin 2 15-20	Bin 3 20-25	Bin 4 25-30	Bin 5 30-35	Bin 6 35-40	Bin 7 40-45	Bin 8 45-50	Bin 9 50-55	Bin 10 55-60	Bin 12 60-65
00:00	6	46.2	30.2	5.8	2	0	0	0	0	0	0	0	1	0	0
01:00	1	-	37.5	-	0	0	0	0	0	0	1	0	0	0	0
02:00	1	-	37.5	-	0	0	0	0	0	1	0	0	0	0	0
03:00	1	-	47.5	-	0	0	0	0	0	0	0	0	1	0	0
04:00	1	-	12.5	-	0	1	0	0	0	0	0	0	0	0	0
05:00	7	43.8	36.1	7.5	0	0	0	0	0	5	1	0	0	1	0
06:00	9	43.3	37.5	5.6	0	0	0	0	0	4	2	2	1	0	0
07:00	26	38.9	31.7	6.9	1	0	0	1	0	5	6	7	2	0	0
08:00	32	40.2	34.2	5.8	0	0	0	2	4	13	8	4	1	0	0
09:00	54	39.3	32.4	6.7	0	0	1	7	14	5	16	7	0	0	0
10:00	68	37.8	31.5	6.1	0	0	4	4	16	25	16	2	1	0	0
11:00	77	38.2	32.0	6.0	0	0	1	4	26	27	12	6	0	1	0
12:00	80	40.9	34.6	6.1	0	0	4	15	21	27	30	2	1	0	0
13:00	67	37.0	30.6	6.1	1	1	0	4	26	21	10	4	0	0	0
14:00	79	39.1	32.6	6.3	0	0	2	6	18	26	20	5	1	1	0
15:00	74	37.0	31.0	5.8	0	1	1	5	29	17	18	3	0	0	0
16:00	74	44.4	35.3	7.8	0	1	2	4	14	28	15	6	2	1	0
17:00	63	40.7	33.9	6.6	0	0	1	1	13	21	14	7	4	0	0
18:00	52	44.1	35.5	8.3	0	1	0	2	9	16	10	8	3	2	1
19:00	28	39.5	33.9	5.4	0	0	0	1	6	9	8	4	0	0	0
20:00	30	54.2	39.3	14.4	0	0	0	3	5	8	4	3	1	0	0
21:00	11	40.2	30.7	9.2	1	0	0	0	3	5	0	2	0	0	0
22:00	10	50.9	37.3	13.1	0	0	1	0	1	3	3	0	0	1	0
23:00	7	48.7	37.5	10.8	0	0	0	1	1	1	1	1	1	0	0
Total															
201614-131	145	38.0	31.8	6.0	0	0	5	8	42	52	28	8	1	0	1
201614-140	133	38.1	31.8	6.1	0	1	3	11	47	43	38	8	1	1	0
120167-110	126	39.6	32.7	6.7	1	5	12	46	189	210	179	64	54	5	2
240169-240	658	40.8	33.2	7.4	2	6	13	53	206	268	197	76	38	9	2
AM Peak															
11:00	03:00	03:00	05:00	05:00	06:00	04:00	10:00	09:00	11:00	11:00	09:00	09:00	03:00	00:00	11:00
77	46.2	47.5	7.5	0	1	4	7	26	27	16	7	1	1	1	0
PM Peak															
12:00	20:00	20:00	20:00	13:00	13:00	14:00	14:00	15:00	16:00	12:00	12:00	17:00	18:00	18:00	20:00
80	54.2	39.3	14.4	1	1	2	6	29	28	27	30	4	2	1	6

360 TSL Ltd

Direction: Westbound

07/05/2022															
Hour Beginning	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 10-15	Bin 2 15-20	Bin 3 20-25	Bin 4 25-30	Bin 5 30-35	Bin 6 35-40	Bin 7 40-45	Bin 8 45-50	Bin 9 50-55	Bin 10 55-60	Bin 12 60-65
00:00	5	38.3	35.5	2.7	0	0	0	0	0	2	3	0	0	0	0
01:00	1	52.7	47.5	5.0	0	0	0	0	0	1	1	1	1	0	0
02:00	2	39.8	32.5	7.1	0	0	0	0	1	0	1	0	0	0	0
03:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0
04:00	6	39.2	25.9	12.8	1	1	0	0	1	1	2	0	0	0	0
05:00	11	39.6	34.3	5.1	0	0	0	0	2	5	2	0	0	0	0
06:00	17	41.9	37.2	6.5	0	0	0	0	1	3	10	2	1	0	0
07:00	19	41.1	34.6	6.3	0	0	0	1	4	4	7	2	1	0	0
08:00	46	41.7	33.8	7.6	2	0	0	1	6	13	5	2	0	0	0
09:00	65	40.8	31.5	9.0	2	4	0	5	12	16	20	5	0	1	0
10:00	96	37.2	30.2	6.7	3	2	10	20	29	29	13	0	0	0	0
11:00	130	36.2	29.3	6.6	0	6	5	12	43	47	12	4	0	1	0
12:00	95	36.9	30.9	5.8	1	1	0	9	28	37	14	5	0	0	0
13:00	80	35.6	28.1	7.2	1	5	5	7	29	23	7	3	0	0	0
14:00	68	38.9	31.4	7.2	1	2	1	3	19	23	14	4	0	1	0
15:00	68	37.2	29.6	7.3	0	7	6	17	22	10	3	1	0	0	0
16:00	56	37.3	32.6	4.5	0	0	0	2	15	20	18	1	0	0	0
17:00	36	40.0	34.6	5.5	0	0	0	0	7	13	12	4	0	0	0
18:00	36	41.1	35.4	5.5	0	0	0	1	5	10	13	6	1	0	0
19:00	24	42.1	32.1	9.6	1	1	0	0	10	2	5	3	2	0	0
20:00	17	41.1	34.3	6.6	0	0	0	0	5	1	2	0	0	0	0
21:00	23	38.5	31.0	7.2	1	0	0	0	11	4	5	2	0	0	0
22:00	10	37.5	28.1	8.1	1	0	0	0	3	1	1	0	0	0	0
23:00	3	42.1	34.2	7.6	0	0	0	0	1	1	0	1	0	0	0
Total															
201610-121	226	36.4	29.7	6.6	3	6	7	22	72	76	32	7	0	1	0
201614-136	136	38.1	30.5	7.3	1	4	8	9	36	45	24	7	1	1	0
120167-110	795	38.3	31.0	7.0	10	20	20	57	213	262	160	49	7	2	1
240169-240	916	38.6	31.3	7.2	14	22	21	57	246	280	193	55	13	1	0
AM Peak															
11:00	01:00	01:00	04:00	10:00	11:00	11:00	11:00	11:00	11:00	09:00	08:00	08:00	01:00	09:00	00:00
130	52.7	47.5	12.8	3	6	5	10	49	47	29	5	2	1	1	0
PM Peak															
12:00	21:00	18:00	18:00	12:00	13:00	15:00	12:00	13:00	12:00	16:00	18:00	17:00	14:00	12:00	12:00
95	42.1	35.4	9.6	1	5	7	9	29	37	18	6	2	1	0	0

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 10-15	Bin 2 15-20	Bin 3 20-25	Bin 4 25-30	Bin 5 30-35	Bin 6 35-40	Bin 7 40-45	Bin 8 45-50	Bin 9 50-55	Bin 10 55-60	Bin 12 60-65
00:00	11	43.2	37.5	5.5	0	0	0	0	0	3	7	0	0	1	0
01:00	4	51.7	45.0	6.5	0	0	0	0	0	0	1	1	1	1	0
02:00	3	36.8	30.8	5.8	0	0	0	0	0	2	0	1	0	0	0
03:00	1	-	47.5	-	0	0	0	0	0	0	0	0	1	0	0
04:00	7	37.2	24.0	12.7	1	2	0	0	0	1	1	2	0	0	0
05:00	18	41.2	35.0	6.0	0	0	0	0	2	10	3	2	0	1	0
06:00	26	42.3	37.3	4.8	0	0	0	0	1	7	12	4	0	0	0
07:00	46	39.3	32.9	6.7	0	1	0	4	9	12	14	4	1	0	0
08:00	78	41.1	34.0	6.9	2	0	0	3	9	31	21	9	3	0	0
09:00	119	40.2	31.9	8.0	2	4	1	12	26	35	36	12	0	1	0
10:00	164	37.5	30.8	6.5	3	0	6	14	45	54	36	5	1	0	0
11:00	207	37.2	30.2	6.5	0	6	6	16	60	74	24	0	0	1	0
12:00	175	39.0	32.6	6.2	1	1	0	13	43	58	41	25	2	1	0
13:00	147	36.3	29.3	6.8	2	6	5	11	35	44	17	7	0	0	0
14:00	147	39.0	32.0	6.7	1	2	3	9	37	49	34	9	1	2	0
15:00	142	37.2	33.4	6.6	0	3	8	11	46	39	28	6	1	0	0
16:00	130	39.8	33.0	6.6	0	1	2	6	29	48	33	7	2	1	0
17:00	99	40.5	34.2	6.1	0	0	1	3	20	34	26	9	6	0	0
18:00	88	41.0	35.5	7.3	0	1	0	3	14	26	23	14	4	0	0
19:00	52	41.0	33.1	7.6	1	1	0	1	16	11	13	7	2	0	0
20:00	47	50.3	37.5	12.3	0	0	0	3	10	14	7	4	3	0	0
21:00	34	39.0	30.9	7.8	2	0	0	0	14	9	5	4	0	0	0
22:00	20	45.1	32.7	12.0	1	0	2	0	4	6	5	0	1	0	1
23:00	10	46.1	36.1	9.7	0	0	0	0	1	2	1	2	1	1	0
Total															
2019-10-18	371	37.2	30.5	6.5	3	6	12	30	114	128	60	15	1	1	0
2019-10-19	289	38.2	31.2	6.7	1	5	11	20	83	88	62	15	2	2	0
2019-10-20	347	38.5	31.5	6.6	1	11	25	32	103	103	71	17	1	1	0
2019-10-24	1774	39.8	32.2	7.3	16	28	34	100	454	557	390	131	31	12	3
APM Peak															
11:00	11:00	08:00	07:00	10:00	11:00	11:00	11:00	12:00	13:00	14:00	08:00	08:00	08:00	08:00	08:00
307	307	307	307	307	307	307	307	307	307	307	307	307	307	307	307
PM Peak															
17:00	17:00	17:00	17:00	17:00	17:00	17:00	17:00	17:00	17:00	17:00	17:00	17:00	17:00	17:00	17:00
395	395	395	395	395	395	395	395	395	395	395	395	395	395	395	395



North Wales ATC 21, B5381 Glascoed Road

Direction: Eastbound

08/05/2022																
Hour Beginning	Total Volume	ESD Percentile	Mean Average	Standard Deviation	Bin 1 10-19m	Bin 2 19-25m	Bin 3 25-30m	Bin 4 30-35m	Bin 5 35-40m	Bin 6 40-45m	Bin 7 45-50m	Bin 8 45-50m	Bin 9 50-55m	Bin 10 55-59m	Bin 11 59-60m	Bin 12 60-69m
00:00	4	44.0	36.3	7.5	0	0	0	0	1	1	0	0	0	0	0	0
01:00	1	-	32.5	-	0	0	0	0	0	0	0	0	0	0	0	0
02:00	2	46.0	35.0	10.5	0	0	0	0	1	0	0	0	1	0	0	0
03:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
04:00	2	32.5	32.5	0.0	0	0	0	0	0	2	0	0	0	0	0	0
05:00	1	-	47.5	-	0	0	0	0	0	0	0	0	1	0	0	0
06:00	5	39.1	34.5	4.5	0	0	0	0	1	1	3	0	0	0	0	0
07:00	43	43.3	36.5	6.5	0	0	0	0	0	1	1	2	0	0	0	0
08:00	17	42.2	30.4	11.3	0	3	0	1	5	2	2	2	2	2	0	0
09:00	27	39.3	29.9	9.1	1	1	0	5	6	4	3	3	0	0	0	0
10:00	60	39.4	33.1	6.3	0	1	0	3	13	23	12	6	2	0	0	0
11:00	68	37.3	30.9	6.2	0	1	2	4	25	21	10	4	1	0	0	0
12:00	68	37.4	30.0	7.4	0	0	3	9	26	21	7	0	0	0	1	1
13:00	66	37.0	30.3	6.5	0	2	3	5	19	23	11	3	0	0	0	0
14:00	67	38.1	32.1	5.8	0	0	1	6	18	19	18	5	0	0	0	0
15:00	62	37.4	31.9	5.4	0	0	1	3	20	21	14	2	1	0	0	0
16:00	85	38.2	32.1	5.9	0	0	0	13	14	29	22	5	1	0	0	0
17:00	76	39.3	33.2	6.0	0	0	0	5	18	27	18	4	4	0	0	0
18:00	36	44.9	36.4	8.2	1	0	0	0	4	11	10	5	3	2	0	0
19:00	27	39.7	33.8	5.6	0	0	0	0	9	6	9	2	1	0	0	0
20:00	15	40.0	33.5	6.9	0	0	0	1	5	3	2	4	0	0	0	0
21:00	17	42.7	37.2	6.2	0	0	0	0	2	4	7	1	3	0	0	0
22:00	6	36.0	28.3	7.4	0	0	1	1	1	2	1	0	0	0	0	0
23:00	1	-	52.5	-	0	0	0	0	0	0	0	0	0	1	0	0
Total																
2H(10-12)	128	38.5	31.9	6.3	0	2	2	7	38	44	22	10	3	0	0	0
2H(14-16)	129	37.8	32.0	5.6	0	0	2	9	38	40	32	7	1	0	0	0
12H(7-19)	617	38.9	31.9	6.8	2	8	10	54	171	205	138	40	14	3	1	1
24H(0-24)	783	39.3	32.2	6.8	2	8	11	56	191	225	150	39	4	1	1	1
AM Peak	11:00	62:00	05:00	08:00	09:00	08:00	11:00	09:00	11:00	10:00	10:00	10:00	08:00	09:00	08:00	00:00
	68	46.9	47.5	11.3	1	3	2	5	25	23	12	6	2	1	0	0
PM Peak	16:00	18:00	23:00	23:00	18:00	13:00	12:00	16:00	12:00	16:00	16:00	14:00	17:00	18:00	12:00	12:00
	85	48.9	52.5	8.2	1	2	3	13	26	28	22	5	4	2	1	1

360 TSL Ltd

Direction: Westbound

Hour Beginning	Total Volume	ESD Percentile	Mean Average	Standard Deviation	Bin 1 10-19m	Bin 2 19-25m	Bin 3 25-30m	Bin 4 30-35m	Bin 5 35-40m	Bin 6 40-45m	Bin 7 45-50m	Bin 8 50-55m	Bin 9 55-59m	Bin 10 59-60m	Bin 11 60-69m	Bin 12 69-79m
00:00	2	38.7	35.0	3.5	0	0	0	0	0	1	0	2	0	1	0	0
01:00	4	46.0	37.5	8.2	0	0	0	0	0	0	0	0	0	0	0	0
02:00	1	-	37.5	-	0	0	0	0	0	0	1	0	0	0	0	0
03:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
04:00	5	48.3	36.5	11.4	0	0	0	1	1	0	1	1	2	0	0	0
05:00	4	43.6	33.8	9.5	0	0	0	0	2	1	0	0	0	0	0	0
06:00	9	45.4	38.6	6.5	0	0	0	0	0	3	3	2	0	1	0	0
07:00	17	43.0	36.6	6.2	0	0	0	0	2	5	6	3	0	1	0	0
08:00	20	42.0	36.3	5.6	0	0	0	0	3	5	7	4	1	0	0	0
09:00	37	39.2	33.7	5.3	0	0	0	1	8	14	10	3	1	0	0	0
10:00	77	42.3	34.4	7.7	1	1	1	9	35	16	7	0	0	0	0	0
11:00	75	37.7	31.4	6.1	0	2	3	2	18	32	14	4	0	0	0	0
12:00	58	38.7	33.0	5.4	0	0	2	2	16	23	8	9	0	0	0	0
13:00	54	39.1	33.0	5.9	0	1	3	10	21	13	6	0	0	0	0	0
14:00	46	39.3	32.2	5.9	0	1	1	0	12	20	9	2	1	0	0	0
15:00	56	39.4	33.0	6.2	0	0	2	1	13	22	11	5	2	0	0	0
16:00	21	39.2	33.5	5.5	0	0	0	1	7	13	6	3	0	0	0	0
17:00	22	39.7	32.5	6.9	0	0	1	1	5	9	4	0	2	0	0	0
18:00	29	40.3	32.7	7.3	1	0	0	1	6	11	8	0	2	0	0	0
19:00	11	44.2	36.1	7.8	0	0	0	0	3	1	2	2	0	0	0	0
20:00	6	34.3	26.7	7.4	0	1	0	0	3	2	0	0	0	0	0	0
21:00	6	43.4	39.2	4.3	0	0	0	0	1	1	1	1	0	0	0	0
22:00	3	33.8	30.8	2.9	0	0	0	0	1	2	0	0	0	0	0	0
Total																
2H(10-12)	152	40.3	32.9	7.1	1	3	4	3	27	67	30	11	3	2	1	0
2H(14-16)	100	38.7	32.6	5.9	0	2	1	3	23	41	22	8	1	0	0	0
12H(7-19)	562	39.7	33.2	6.3	1	7	10	14	114	225	126	48	12	4	1	0
24H(0-24)	642	40.1	33.3	6.5	2	8	10	16	131	240	145	55	20	5	1	0
AM Peak	10:00	04:00	06:00	04:00	10:00	11:00	11:00	11:00	11:00	10:00	10:00	10:00	10:00	10:00	10:00	00:00
	77	48.1	34.4	11.4	1	2	3	2	18	35	16	7	3	2	1	0
PM Peak	12:00	20:00	23:00	20:00	19:00	13:00	13:00	14:00	13:00	13:00	13:00	16:00	12:00	12:00	12:00	12:00
	69	44.2	39.2	7.8	1	2	2	3	16	26	22	9	2	1	0	0

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	ESD Percentile	Mean Average	Standard Deviation	Bin 1 10-19m	Bin 2 19-25m	Bin 3 25-30m	Bin 4 30-35m	Bin 5 35-40m	Bin 6 40-45m	Bin 7 45-50m	Bin 8 45-50m	Bin 9 50-55m	Bin 10 55-59m	Bin 11 59-60m	Bin 12 60-69m
00:00	6	42.1	35.8	6.1	0	0	0	0	1	2	1	2	0	0	0	0
01:00	5	44.2	36.5	7.4	0	0	0	0	1	1	2	0	1	0	0	0
02:00	3	43.7	35.8	7.6	0	0	0	0	1	0	1	1	0	0	0	0
03:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
04:00	7	45.2	35.4	7.5	0	0	0	0	1	2	1	2	0	0	0	0
05:00	5	47.1	35.5	10.2	0	0	0	0	1	2	1	2	0	0	0	0
06:00	10	44.4	37.1	6.0	0	0	0	0	1	4	6	2	0	0	0	0
07:00	22	42.9	38.6	6.1	0	0	0	0	1	3	7	1	0	0	0	0
08:00	37	43.0	33.6	9.1	0	3	0	1	8	7	9	6	3	0	0	0
09:00	64	46.1	35.2	7.3	1	1	2	1	24	22	13	5	2	1	0	0
10:00	137	41.2	33.8	7.1	1	1	6	4	22	58	28	13	5	2	0	0
11:00	180	42.1	35.1	6.1	1	2	1	6	43	58	34	1	0	0	0	0
12:00	137	38.8	31.4	7.2	0	2	5	11	37	47	29	2	1	1	1	0
13:00	124	37.9	32.6	6.1	0	2	3	7	35	46	19	12	0	0	0	0
14:00	121	38.4	33.5	5.8	1	1	9	28	28	31	11	1	1	1	1	0
15:00	108	37.8	32.0	5.6	0	0	1	24	33	45	23	4	0	0	0	0
16:00	145	40.5	35.5	6.0	0	0	1	2	34	50	25	13	5	2	0	0
17:00	107	39.3	33.2	5.8	0	0	0	6	25	40	24	7	5	0	0	0
18:00	58	42.7	35.9	7.9	1	0	0	1	9	29	10	5	2	0	0	0
19:00	56	40.0	33.2	6.5	1	0	0	1	15	17	17	2	0	0	0	0
20:00	26	42.1	34.6	7.2	0	0	0	1	8	6	3	6	2	0	0	0
21:00	23	42.7	34.5	7.8	0	1	0	0	6	7	1	3	0	0	0	0
22:00	12	42.1	33.8	8.0	0	0	0	0	1	3	3	0	0	0	0	0
23:00	4	42.7	36.3	11.1	0	0	0	0	1	2	0	0	0	1	0	0
Total																
2PM-12M	280	39.5	32.4	6.8	1	5	6	10	65	111	52	21	6	0	0	0
12PM-6M	289	38.2	32.3	6.7	0	2	3	12	60	81	54	15	0	0	0	0
6AM-12M	1360	41.5	35.5	6.6	0	3	1	15	20	40	24	8	3	0	0	0
12PM-6M	1360	39.7	32.7	6.7	4	16	21	72	122	474	295	105	39	9	2	1
APM Peak 11:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00
APM Peak 1	141	47.7	38.2	10.2	0	0	0	0	0	0	0	0	0	0	0	0
PM Peak 18:00	05:00	23:00	28:00	33:00	38:00	43:00	48:00	53:00	58:00	63:00	68:00	73:00	78:00	83:00	88:00	93:00
PM Peak 1	141	47.7	38.3	11.1	0	0	0	0	0	0	31	22	0	0	0	0



North Wales ATC 21, B5381 Glascoed Road

Direction: Eastbound

09/05/2022																			
Hour Beginning	Total Volume	ESD Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-15	Bin 3 15-20	Bin 4 20-25	Bin 5 25-30	Bin 6 30-35	Bin 7 35-40	Bin 8 40-45	Bin 9 45-50	Bin 10 50-55	Bin 11 55-60	Bin 12 >=60			
00:00	2	56.1	45.8	30.6	0	0	0	0	0	0	0	0	0	0	0	0			
01:00	2	47.2	32.5	14.1	0	0	0	1	0	0	0	1	0	0	0	0			
02:00	1	-	27.5	-	0	0	0	0	0	0	0	0	0	0	0	0			
03:00	3	41.6	30.8	10.4	0	0	0	1	1	0	0	1	0	0	0	0			
04:00	8	42.3	37.5	4.6	0	0	0	0	0	2	5	0	1	0	0	0			
05:00	7	43.8	36.8	6.7	0	0	0	0	2	4	2	1	0	0	0	0			
06:00	20	41.9	32.5	9.0	0	1	0	1	6	6	4	0	0	0	2	0			
07:00	94	38.7	31.1	6.4	0	0	0	0	3	25	36	19	9	2	0	0			
08:00	172	37.7	32.9	4.6	0	0	1	5	35	79	43	8	1	0	0	0			
09:00	86	36.8	31.5	5.1	0	0	0	4	31	37	9	1	0	0	0	0			
10:00	75	38.4	32.9	6.3	0	0	2	2	21	25	17	5	2	1	0	0			
11:00	94	36.3	30.0	6.1	1	2	1	6	39	32	9	2	2	0	0	0			
12:00	127	37.1	31.8	5.2	0	0	0	8	46	38	27	8	0	0	0	0			
13:00	122	37.8	31.7	5.9	0	1	2	10	30	48	23	6	2	0	0	0			
14:00	128	36.0	30.7	5.1	0	0	1	11	50	39	22	3	1	0	0	0			
15:00	124	36.6	32.0	4.5	0	0	0	5	36	56	21	6	0	0	0	0			
16:00	251	38.9	33.0	5.7	0	2	1	9	58	95	60	21	9	0	0	0			
17:00	252	38.7	32.5	6.0	0	0	1	20	69	83	53	22	1	3	0	0			
18:00	79	39.2	32.3	6.7	0	1	1	5	20	31	12	7	1	0	1	0			
19:00	38	40.3	33.7	6.4	0	0	0	2	11	10	7	7	1	0	0	0			
20:00	24	42.1	35.6	6.2	0	0	1	0	1	9	9	2	2	0	0	0			
21:00	18	40.5	33.6	6.7	0	0	1	1	7	6	9	3	1	0	0	0			
22:00	6	47.9	37.5	10.0	0	0	0	1	1	0	0	3	1	0	0	0			
23:00	2	49.8	42.5	7.1	0	0	0	0	0	0	1	0	1	0	0	0			
Total																			
2H(10-12)	169	37.8	31.3	6.3	1	2	3	8	60	57	26	7	4	1	0	0			
2H(14-16)	252	36.4	31.3	4.9	0	0	1	17	86	95	43	9	1	0	0	0			
12H(7-19)	1604	38.0	32.2	5.8	1	6	18	89	461	599	331	100	36	6	1	0			
24H(0-24)	1746	38.3	32.4	5.8	1	7	12	96	491	632	353	120	23	9	1	0			
AM Peak	08:00	00:00	00:00	00:00	11:00	11:00	10:00	11:00	11:00	08:00	08:00	07:00	07:00	06:00	00:00	00:00			
	172	36.8	45.8	14.1	1	2	2	6	39	79	43	9	2	2	0	0			
PM Peak	17:00	23:00	23:00	22:00	12:00	16:00	13:00	17:00	17:00	16:00	16:00	17:00	16:00	17:00	18:00	12:00			
	252	39.8	42.5	10.0	0	2	2	20	69	95	60	22	3	3	1	0			

360 TSL Ltd

Direction: Westbound

09/05/2022																			
Hour Beginning	Total Volume	ESD Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-15	Bin 3 15-20	Bin 4 20-25	Bin 5 25-30	Bin 6 30-35	Bin 7 35-40	Bin 8 40-45	Bin 9 45-50	Bin 10 50-55	Bin 11 55-60	Bin 12 >=60			
00:00	3	27.2	24.2	2.9	0	0	0	2	1	0	0	0	0	0	0	0			
01:00	1	-	27.5	-	0	0	0	0	0	0	0	0	0	0	0	0			
02:00	1	-	27.5	-	0	0	0	0	1	0	0	0	0	0	0	0			
03:00	5	41.4	30.5	9.7	0	0	0	0	0	1	1	0	0	0	0	0			
04:00	5	37.8	33.5	4.2	0	0	0	0	0	1	2	2	0	0	0	0			
05:00	79	42.5	36.8	5.5	0	0	0	0	0	2	9	12	4	0	0	0			
06:00	31	38.2	32.5	5.5	0	0	0	0	3	6	11	5	3	0	0	0			
07:00	171	41.9	36.0	5.8	1	0	2	0	18	48	60	38	4	0	0	0			
08:00	271	39.0	33.2	5.6	0	0	1	29	47	98	74	26	2	0	0	0			
09:00	94	40.4	33.4	6.8	2	0	1	1	20	31	26	8	2	1	0	0			
10:00	85	38.9	32.4	6.2	0	2	1	3	19	36	13	11	0	0	0	0			
11:00	98	37.2	31.0	6.0	0	0	1	13	35	25	14	10	0	0	0	0			
12:00	99	37.8	32.2	5.4	0	1	0	5	27	39	20	6	1	0	0	0			
13:00	117	35.4	30.7	4.6	0	0	1	7	46	42	16	3	0	0	0	0			
14:00	114	37.8	32.4	5.3	0	0	1	6	33	35	34	4	1	0	0	0			
15:00	120	38.4	32.8	5.4	1	2	0	30	45	32	9	0	0	0	0	0			
16:00	122	38.4	32.5	5.7	1	0	3	3	29	43	36	7	0	0	0	0			
17:00	136	40.2	34.4	5.6	0	0	4	2	17	49	44	19	1	0	0	0			
18:00	52	38.3	32.9	5.2	0	0	1	1	15	19	16	3	0	0	0	0			
19:00	29	43.7	33.9	9.5	1	0	2	1	3	10	3	6	3	0	0	0			
20:00	36	41.4	37.4	5.8	0	0	0	0	3	11	10	8	4	0	0	0			
21:00	19	42.8	34.3	8.2	0	0	1	1	4	4	4	3	2	0	0	0			
22:00	6	38.4	33.3	4.9	0	0	0	0	1	4	0	1	0	0	0	0			
23:00	2	48.7	45.0	3.5	0	0	0	0	0	0	0	1	1	0	0	0			
Total																			
2H(10-12)	183	38.0	31.7	6.1	0	2	2	16	54	61	27	21	0	0	0	0			
2H(14-16)	234	38.1	32.6	5.3	1	0	2	8	63	80	66	13	1	0	0	0			
12H(7-19)	1479	38.0	33.0	5.8	5	3	17	67	334	512	385	144	11	1	0	0			
24H(0-24)	1646	38.4	33.2	6.0	6	3	20	74	398	566	424	171	22	2	0	0			
AM Peak	08:00	05:00	05:00	00:00	09:00	10:00	07:00	08:00	08:00	08:00	08:00	07:00	07:00	05:00	00:00	00:00			
	271	42.1	36.8	5.8	2	2	2	29	47	98	74	26	4	1	0	0			
PM Peak	17:00	23:00	23:00	20:00	15:00	13:00	17:00	13:00	13:00	17:00	17:00	17:00	30:00	12:00	12:00	12:00			
	136	48.7	45.0	3.5	1	1	4	7	48	49	44	19	4	0	0	0			

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	ESD Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-15	Bin 3 15-20	Bin 4 20-25	Bin 5 25-30	Bin 6 30-35	Bin 7 35-40	Bin 8 40-45	Bin 9 45-50	Bin 10 50-55	Bin 11 55-60	Bin 12 >=60	
00:00	5	43.7	32.5	12.7	0	0	0	2	1	0	0	1	0	0	0	0	
01:00	3	41.6	30.8	10.4	0	0	0	1	1	0	0	0	1	0	0	0	
02:00	2	27.5	27.5	0.0	0	0	0	0	0	0	0	0	0	0	0	0	
03:00	8	41.5	33.8	7.4	0	0	0	1	2	1	2	2	0	0	0	0	
04:00	13	40.0	36.0	4.7	0	0	0	0	1	4	7	0	1	0	0	0	
05:00	36	42.6	36.8	5.6	0	0	0	0	4	9	14	7	1	1	1	0	
06:00	51	39.8	32.5	7.0	0	1	0	0	4	12	19	10	1	0	0	0	
07:00	205	41.0	35.0	5.8	0	0	0	0	43	84	79	47	6	0	0	0	
08:00	443	38.5	33.1	5.2	0	0	2	28	82	177	117	34	3	0	0	0	
09:00	380	38.8	32.5	6.1	2	1	5	51	79	35	31	3	2	0	0	0	
10:00	160	39.1	32.7	6.2	0	2	3	5	40	61	30	16	2	1	0	0	
11:00	102	36.8	30.5	6.2	1	2	2	18	74	57	23	12	0	0	0	0	
12:00	226	37.4	31.9	5.3	0	1	0	13	73	77	47	14	1	0	0	0	
13:00	239	36.7	31.2	5.3	0	0	1	9	78	90	39	9	0	0	0	0	
14:00	229	36.5	31.2	5.2	0	0	2	18	83	91	40	10	0	0	0	0	
15:00	244	37.5	32.4	5.0	1	0	1	7	66	105	53	15	0	0	0	0	
16:00	319	37.9	32.7	5.7	2	4	0	12	88	132	58	9	0	0	0	0	
17:00	388	39.3	33.2	5.9	0	0	5	22	86	132	97	41	2	1	0	0	
18:00	331	38.8	33.2	6.1	0	1	2	7	31	50	48	10	0	0	0	0	
19:00	67	41.9	33.8	7.8	0	0	0	1	14	14	14	0	0	0	0	0	
20:00	40	42.9	36.7	6.0	0	0	0	1	0	4	20	19	0	0	0	0	
21:00	44	41.0	34.9	7.3	0	0	2	2	11	11	13	0	0	0	0	0	
22:00	12	43.5	39.4	7.8	0	0	0	0	1	2	4	0	0	0	0	0	
23:00	4	48.7	43.8	4.8	0	0	0	0	0	0	1	1	1	2	0	0	
Total																	
2941:10	352	37.9	31.5	6.2	1	4	5	24	114	118	53	28	4	1	0	0	
2941:10	486	37.1	31.9	5.1	1	0	0	3	25	148	175	100	22	0	0	0	
2941:10	100	41.6	32.2	5.7	4	6	17	116	166	116	47	14	0	0	0	0	
2941:10	3393	38.9	32.8	5.9	7	9	17	127	849	1138	777	291	45	11	1	0	
APM Peak	08:00	05:00	05:00	05:00	09:00	10:00	10:00	08:00	08:00	08:00	07:00	07:00	06:00	00:00	00:00	00:00	
	443	45.7	34.8	12.7	2	2	3	28	82	177	117	47	6	2	0	0	
PM Peak	17:00	23:00	23:00	18:00	15:00	16:00	17:00	17:00	16:00	16:00	17:00	17:00	17:00	18:00	18:00	12:00	



North Wales ATC 21, B5381 Glascoed Road

Direction: Eastbound

10/05/2022																			
Hour Beginning	Total Volume	ESD Percentile	Mean Average	Standard Deviation	Bin 1 10-19m	Bin 2 19-25m	Bin 3 25-30m	Bin 4 30-35m	Bin 5 35-40m	Bin 6 40-45m	Bin 7 45-50m	Bin 8 50-55m	Bin 9 55-59m	Bin 10 59-64m					
00:00	1	-	32.5	-	0	0	0	0	0	1	0	0	0	0					
01:00	1	-	47.5	-	0	0	0	0	0	0	0	1	0	0					
02:00	1	-	22.5	-	0	0	0	1	0	0	0	0	0	0					
03:00	1	-	37.5	-	0	0	0	0	0	1	1	0	0	0					
04:00	4	39.8	32.5	7.1	0	0	0	0	2	1	0	1	0	0					
05:00	7	41.8	36.1	5.6	0	0	0	0	0	1	2	0	0	0					
06:00	30	43.1	35.7	7.1	0	0	1	1	2	9	11	5	0	1					
07:00	62	40.3	33.2	7.4	1	3	1	1	14	17	26	5	4	0					
08:00	156	39.7	33.7	5.7	0	0	2	4	35	52	43	17	2	1					
09:00	79	37.7	32.0	5.5	0	1	0	4	23	29	18	1	0	0					
10:00	83	37.3	31.1	6.0	0	0	2	8	27	28	12	4	2	0					
11:00	110	37.5	31.9	5.4	0	0	0	6	43	29	22	30	0	0					
12:00	119	37.8	32.0	5.5	0	0	0	6	47	31	22	33	0	0					
13:00	114	37.1	31.0	5.9	0	1	10	41	43	14	3	1	0	1					
14:00	124	38.7	31.9	6.6	0	1	4	9	35	38	22	13	2	0					
15:00	139	39.3	33.5	5.6	0	0	2	42	45	32	14	3	1	0					
16:00	267	37.5	31.9	5.5	0	0	5	15	79	104	46	35	2	0					
17:00	244	38.9	33.1	5.6	0	0	0	14	60	62	65	38	4	1					
18:00	79	40.0	33.3	6.4	0	0	2	22	22	21	7	2	1	0					
19:00	27	39.7	33.4	6.1	0	0	0	2	7	6	8	4	0	0					
20:00	20	40.9	33.8	6.9	0	0	1	0	5	5	6	2	1	0					
21:00	12	40.5	35.2	5.1	0	0	0	0	3	9	5	5	0	0					
22:00	5	46.2	36.5	7.4	0	0	0	0	1	0	2	1	1	0					
23:00	2	48.7	45.0	3.5	0	0	0	0	0	0	1	1	0	0					
Total					193	37.4	31.6	5.7	0	0	2	14	70	57	34	14	2	0	0
2H(14-16)	263	39.1	32.7	6.1	0	1	4	11	77	83	54	27	5	1	0	0			
12H(7-19)	1596	38.5	32.4	5.8	1	5	17	81	468	530	343	122	23	5	0	1			
24H(0-24)	1717	38.8	32.6	6.0	1	5	19	85	488	565	378	141	28	5	1	1			
AM Peak	08:00	06:00	01:00	07:00	07:00	07:00	08:00	10:00	11:00	08:00	08:00	08:00	07:00	08:00	06:00	00:00			
	156	48.1	45.0	7.4	0	1	5	15	79	104	65	38	4	1	0	1			
PM Peak	16:00	23:00	23:00	22:00	12:00	14:00	16:00	16:00	16:00	16:00	17:00	17:00	17:00	15:00	12:00	13:00			
	267	48.7	45.0	7.4	0	1	5	15	79	104	65	38	4	1	0	1			

360 TSL Ltd

Direction: Westbound

Hour	Total Volume	ESD Percentile	Mean Average	Standard Deviation	Bin 1 10-19m	Bin 2 19-25m	Bin 3 25-30m	Bin 4 30-35m	Bin 5 35-40m	Bin 6 40-45m	Bin 7 45-50m	Bin 8 50-55m	Bin 9 55-59m	Bin 10 59-64m	Bin 11 64-69m	Bin 12 69-74m				
00:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0				
01:00	1	-	32.5	-	0	0	0	0	0	0	1	0	0	0	0	0				
02:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0				
03:00	1	-	37.5	-	0	0	0	0	0	0	1	0	0	0	0	0				
04:00	1	-	32.5	-	0	0	0	0	0	1	0	0	0	0	0	0				
05:00	27	43.4	35.7	7.4	1	1	0	0	2	8	9	6	1	0	0	0				
06:00	35	42.1	33.8	8.0	1	0	0	0	2	11	5	7	2	0	0	0				
07:00	162	39.7	33.7	5.7	0	1	4	2	28	60	47	39	1	0	0	0				
08:00	295	38.4	33.7	4.5	0	0	5	53	122	96	37	2	0	0	0	0				
09:00	146	39.2	33.3	5.7	0	0	1	2	38	62	26	13	2	1	1	0				
10:00	84	39.3	33.1	6.0	0	2	0	1	17	40	14	7	3	0	0	0				
11:00	92	37.8	31.2	6.3	2	0	0	7	29	32	17	3	2	0	0	0				
12:00	116	38.3	31.7	6.3	1	0	2	7	36	41	18	9	1	1	0	0				
13:00	114	38.4	31.9	5.4	0	1	1	2	27	47	28	6	2	0	0	0				
14:00	86	39.3	33.3	5.7	0	0	1	3	19	34	19	7	3	0	0	0				
15:00	118	39.8	34.2	6.4	0	2	0	20	43	41	8	2	1	0	0	0				
16:00	97	39.3	32.9	6.2	1	0	0	3	31	28	21	11	2	0	0	0				
17:00	136	39.5	34.2	5.1	0	0	0	1	26	57	32	17	3	0	0	0				
18:00	50	40.2	35.3	6.7	1	0	0	1	10	19	10	7	1	0	0	0				
19:00	33	42.9	36.0	6.7	0	0	0	1	4	10	11	5	1	0	1	0				
20:00	28	41.2	36.3	6.8	0	0	0	1	9	3	4	0	0	0	0	0				
21:00	18	42.2	35.3	6.7	0	0	0	0	5	4	5	2	2	0	0	0				
22:00	7	39.7	34.6	4.9	0	0	0	0	1	1	1	1	0	0	0	0				
23:00	3	37.2	34.2	2.9	0	0	0	0	0	2	1	0	0	0	0	0				
Total					2H(10-12)	176	38.6	32.1	6.2	2	2	0	8	46	72	31	10	5	0	0
2H(14-16)					294	39.6	33.8	5.6	0	1	1	5	39	77	60	35	5	1	0	0
12H(7-19)					1496	39.1	33.3	5.6	5	9	37	33	344	585	369	124	24	3	1	0
24H(0-24)					1650	39.4	33.4	5.8	7	5	9	40	357	632	442	148	34	3	2	0
AM Peak	08:00	05:00	01:00	06:00	11:00	10:00	07:00	11:00	08:00	08:00	08:00	07:00	10:00	09:00	09:00	00:00				
	295	43.4	33.8	8.0	2	2	4	7	59	122	96	39	3	1	1	0				
PM Peak	17:00	20:00	20:00	20:00	12:00	13:00	13:00	12:00	12:00	17:00	15:00	17:00	30:00	12:00	19:00	17:00				
	136	43.2	36.0	6.8	1	1	2	7	36	57	41	27	4	1	1	0				

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	ESD Percentile	Mean Average	Standard Deviation	Bin 1 10-19m	Bin 2 19-25m	Bin 3 25-30m	Bin 4 30-35m	Bin 5 35-40m	Bin 6 40-45m	Bin 7 45-50m	Bin 8 50-55m	Bin 9 55-59m	Bin 10 59-64m	Bin 11 64-69m	Bin 12 69-74m
00:00	2	51.0	40.0	10.6	0	0	0	0	0	1	0	0	0	1	0	0
01:00	1	-	22.5	-	0	0	0	0	1	0	0	0	0	0	0	0
02:00	2	37.5	37.5	0.0	0	0	0	0	0	0	2	0	0	0	0	0
03:00	5	38.8	32.5	6.3	0	0	0	0	0	2	0	1	0	0	0	0
04:00	34	43.0	35.8	7.0	1	0	0	0	2	12	11	6	2	0	0	0
05:00	65	42.6	34.7	7.6	1	0	1	3	9	20	16	12	2	0	0	0
06:00	244	40.1	33.6	6.3	1	4	5	3	42	87	73	34	5	0	0	0
07:00	451	38.9	33.7	5.0	0	0	2	9	88	174	139	34	4	1	0	0
08:00	1000	38.5	33.4	4.5	0	0	2	12	62	142	114	24	4	1	0	0
09:00	167	38.4	32.1	6.1	0	2	2	9	44	68	26	11	5	0	0	0
10:00	200	38.5	32.0	5.8	0	2	0	0	0	0	0	0	0	0	0	0
11:00	235	38.0	31.9	5.9	1	0	0	2	13	83	72	40	22	1	0	0
12:00	228	37.8	31.9	5.7	0	1	1	2	12	68	90	42	9	0	0	0
13:00	240	37.8	31.9	5.7	0	1	1	2	54	72	71	42	9	0	0	0
14:00	250	37.8	31.9	5.7	0	1	1	2	54	72	71	42	9	0	0	0
15:00	287	39.5	33.8	5.5	0	0	4	62	88	80	33	21	5	0	0	0
16:00	300	39.5	33.8	5.5	0	0	18	118	118	67	15	6	0	0	0	0
17:00	380	39.1	33.5	5.4	0	0	0	15	86	139	97	35	7	1	0	0
18:00	329	39.1	33.5	5.4	0	0	0	1	8	131	111	31	1	0	0	0
19:00	40	41.2	34.8	6.5	0	0	0	0	0	0	0	0	0	0	0	0
20:00	40	41.5	34.8	6.5	0	0	0	3	11	16	19	9	1	0	0	0
21:00	48	42.3	35.2	6.8	0	0	1	1	9	12	15	5	0	0	0	0
22:00	40	41.2	34.8	6.5	0	0	0	0	0	0	0	0	0	0	0	0
23:00	12	42.5	36.3	6.1	0	0	0	0	2	3	4	2	1	0	0	0
24:00	5	45.5	38.5	6.5	0	0	0	0	0	2	1	1	1	0	0	0
Total																
2PM-12M	369	38.0	31.8	5.9	2PM-12M	11	22	116	129	65	24	7	0	0	0	0
2PM-14M	407	39.3	33.2	5.9	0	3	5	68	116	106	114	42	10	0	0	0
2PM-16M	400	39.5	33.8	5.8	0	10	18	80	110	82	33	15	2	0	0	0
2PM-24M	1367	39.1	33.0	5.9	8	10	28	126	845	1137	790	280	62	8	3	1
Hour Beginning																
00:00	60.0	61.0	61.0	61.0	11:00	67:00	67:00	67:00	67:00	67:00	67:00	67:00	67:00	67:00	67:00	67:00
01:00	23.0	23.0	23.0	23.0	12:00	13:00	14:00	15:00	16:00	17:00	17:00	17:00	17:00	17:00	17:00	13:00
PM Peak	60.3	60.3	60.3	60.3					61.0	61.0	61.0	61.0	61.0	61.0	61.0	



**North Wales ATC 21, B5381 Glascoed Road**

Direction: Eastbound

11/05/2022

Age-Group	Total Values	25th Percentile	37.5th Percentile	Median	75th Percentile	Standard Deviation	Bin 10-15th	Bin 15-20	Bin 20-25	Bin 25-30	Bin 30-35	Bin 35-40	Bin 40-45	Bin 45-50	Bin 50-55	Bin 55-60	Bin 60-65
0:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0:05	4	4.0	3.6	7.5	0	0	0	0	0	1	1	0	2	0	0	0	0
0:10	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0:15	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0:20	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0:25	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0:30	4	4.0	3.7	8.8	9.4	0	0	0	0	0	0	0	0	0	0	0	0
0:35	3	3.8	3.8	3.8	2.9	0	0	0	0	0	0	0	0	0	0	0	0
0:40	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0:50	27	4.5	3.8	7.4	0	0	1	0	0	6	11	6	0	0	0	0	0
0:55	15	4.5	3.5	13.7	5.4	0	0	0	0	1	13	2	0	0	0	0	0
1:00	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1:05	164	30.8	33.4	5.4	0	0	0	0	5	44	52	47	12	4	0	0	0
1:10	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1:15	35	36.7	30.8	5.7	0	0	0	0	2	10	37	24	20	5	0	0	0
1:20	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1:25	123	36.5	30.5	5.8	0	0	0	3	12	46	42	13	3	0	0	0	0
1:30	121	38.1	32.1	5.8	1	0	0	0	0	0	0	0	0	0	0	0	0
1:35	120	37.8	32.0	5.6	0	0	0	1	7	45	37	26	0	0	0	0	0
1:40	106	46.5	18.7	4.0	0	0	0	0	0	0	0	0	0	0	0	0	0
1:45	158	35.8	30.0	5.3	0	0	0	1	18	62	30	18	5	2	0	0	0
1:50	150	35.0	32.0	5.3	0	0	0	0	0	0	0	0	0	0	0	0	0
1:55	213	37.6	32.1	5.3	0	0	0	2	11	72	89	43	14	3	0	0	0
2:00	125	38.9	33.7	5.9	0	0	0	0	8	25	33	18	6	0	0	0	0
2:05	27	40.2	38.0	6.6	0	0	0	0	0	0	0	0	0	0	0	0	0
2:10	28	33.8	29.3	4.3	0	0	0	1	3	10	13	1	0	0	0	0	0
2:15	20	31.4	26.2	6.0	0	0	0	0	0	0	0	0	0	0	0	0	0
2:20	15	5.5	4.0	10.7	0	0	0	0	0	1	5	4	1	1	1	0	1
2:25	4	11.5	10.0	18.5	0	0	1	0	0	0	0	1	1	1	0	0	0
Total																	
25th	221	36.6	30.7	5.7	0	0	5	22	83	66	33	8	2	0	0	0	0
37.5th	282	36.2	30.9	5.1	0	1	1	21	113	87	48	9	4	0	0	0	0
Median	313	37.8	32.0	5.7	0	0	1	20	102	78	41	11	5	0	0	0	0
75th	340	38.1	32.3	5.9	0	2	5	14	105	95	59	37	17	3	0	0	0
Standard Deviation	4	11.5	10.0	18.5	0	0	1	0	0	0	1	1	1	0	0	0	0
P80																	
08:00	17:00	05:00	02:00	24:00	09:00	07:00	13:00	11:00	11:00	16:00	09:00	08:00	08:00	12:00	05:00	00:00	00:00
08:00	17:00	05:00	02:00	24:00	1	1	3	12	46	52	47	12	4	1	1	0	0
P90																	
17:00	22:00	22:00	22:00	9:00	12:00	14:00	17:00	15:00	16:00	17:00	16:00	16:00	16:00	12:00	22:00	22:00	22:00
17:00	22:00	22:00	22:00	9:00	12:00	14:00	17:00	15:00	16:00	17:00	16:00	16:00	16:00	12:00	22:00	22:00	22:00

360 TSL Ltd

Direction: Westbound

[illegible]

360 TSL Ltd

Direction: Total Flow

[illegible]

360 TSL Ltd



North Wales ATC 22, Ffordd William Morgan

Direction: Northbound

Hour Beginning	Thu 28/04/2022	Fri 29/04/2022	Sat 30/04/2022	Sun 01/05/2022	Mon 02/05/2022	Tue 03/05/2022	Wed 04/05/2022	5-Day Ave.	7-Day Ave.
00:00	18	19	13	8	6	16	17	15	14
01:00	4	2	6	9	4	4	5	4	5
02:00	7	4	6	4	12	4	5	6	6
03:00	10	11	7	7	5	10	14	10	9
04:00	12	4	8	5	8	5	7	7	7
05:00	17	15	6	6	11	15	11	14	12
06:00	58	49	28	18	26	46	45	45	39
07:00	96	86	18	16	18	96	85	76	59
08:00	245	184	42	20	26	172	159	157	121
09:00	180	137	46	30	28	141	137	125	100
10:00	142	132	62	45	40	121	118	111	94
11:00	159	182	53	55	58	127	126	130	109
12:00	230	380	57	42	60	206	180	211	165
13:00	217	279	57	62	43	184	175	180	145
14:00	209	261	50	56	43	200	206	184	146
15:00	269	265	55	49	54	240	264	218	171
16:00	578	405	54	46	61	482	461	397	298
17:00	633	322	48	58	52	548	537	418	314
18:00	188	98	56	50	65	109	149	122	102
19:00	116	57	27	23	30	44	59	61	51
20:00	76	40	21	18	13	35	27	38	33
21:00	58	19	14	7	8	51	49	37	29
22:00	21	16	21	10	11	17	17	16	16
23:00	18	17	16	9	9	19	16	16	15
Total									
12H(7-19)	3146	2731	598	529	548	2626	2597	2330	1825
16H(6-22)	3454	2896	688	595	625	2802	2777	2511	1977
18H(6-24)	3493	2929	725	614	645	2838	2810	2543	2008
24H(0-24)	3561	2984	771	653	691	2892	2869	2599	2060
AM Peak	08:00	08:00	10:00	11:00	11:00	08:00	08:00	08:00	08:00
	245	184	62	55	58	172	159	157	121
PM Peak	17:00	16:00	12:00	13:00	18:00	17:00	17:00	17:00	17:00
	633	405	57	62	65	548	537	418	314

360 TSL Ltd

Direction: Southbound

Hour Beginning	Thu 28/04/2022	Fri 29/04/2022	Sat 30/04/2022	Sun 01/05/2022	Mon 02/05/2022	Tue 03/05/2022	Wed 04/05/2022	5-Day Ave.	7-Day Ave.
00:00	11	5	4	8	0	7	4	5	6
01:00	2	3	4	7	9	0	9	5	5
02:00	3	2	4	3	1	7	2	3	3
03:00	3	6	5	2	2	5	6	4	4
04:00	10	11	2	1	5	8	6	8	6
05:00	85	94	11	11	13	84	73	70	53
06:00	120	123	38	40	43	120	107	103	84
07:00	478	411	59	38	48	423	439	360	271
08:00	703	615	47	31	38	626	687	534	392
09:00	287	197	42	40	31	259	268	208	161
10:00	171	175	36	59	40	130	127	129	105
11:00	150	183	70	51	45	108	146	126	108
12:00	165	169	62	37	68	164	152	144	117
13:00	201	179	68	57	63	193	192	166	136
14:00	136	143	37	48	58	132	134	121	98
15:00	187	134	42	45	70	184	137	142	114
16:00	174	176	47	49	136	162	144	158	127
17:00	200	108	58	56	97	173	164	148	122
18:00	131	65	46	45	130	64	60	90	77
19:00	70	25	24	17	25	30	32	36	32
20:00	34	21	21	10	17	27	40	28	24
21:00	13	22	12	7	12	14	15	15	14
22:00	10	6	12	3	6	8	12	8	8
23:00	5	14	6	8	2	6	1	6	6
Total									
12H(7-19)	2983	2555	614	556	824	2618	2650	2326	1829
16H(6-22)	3220	2746	709	630	921	2809	2844	2508	1983
18H(6-24)	3235	2766	727	641	929	2823	2857	2522	1997
24H(0-24)	3349	2887	757	673	959	2934	2957	2617	2074
AM Peak	08:00	08:00	11:00	10:00	07:00	08:00	08:00	08:00	08:00
	703	615	70	59	48	626	687	534	392
PM Peak	13:00	13:00	13:00	13:00	16:00	13:00	13:00	13:00	13:00
	201	179	68	57	136	193	192	166	136

360 TSL Ltd



Direction: Total Flow

Hour Beginning	Thu 28/04/2022	Fri 29/04/2022	Sat 30/04/2022	Sun 01/05/2022	Mon 02/05/2022	Tue 03/05/2022	Wed 04/05/2022	5-Day Ave.	7-Day Ave.
00:00	29	24	17	16	6	23	21	21	19
01:00	6	5	10	16	13	4	14	8	10
02:00	10	6	10	7	13	11	7	9	9
03:00	13	17	12	9	7	15	20	14	13
04:00	22	15	10	6	13	13	13	15	13
05:00	102	109	17	17	24	99	84	84	65
06:00	178	172	66	58	69	166	152	147	123
07:00	574	497	77	54	66	519	524	436	330
08:00	948	799	89	51	64	798	846	691	514
09:00	467	334	88	70	59	400	405	333	260
10:00	313	307	98	104	80	251	245	239	200
11:00	309	365	123	106	103	235	272	257	216
12:00	395	549	119	79	128	370	332	355	282
13:00	418	458	125	119	106	377	367	345	281
14:00	345	404	87	104	101	332	340	304	245
15:00	456	399	97	94	124	424	401	361	285
16:00	752	581	101	95	197	644	605	556	425
17:00	833	430	106	114	149	721	701	567	436
18:00	319	163	102	95	195	173	209	212	179
19:00	186	82	51	40	55	74	91	98	83
20:00	110	61	42	28	30	62	67	66	57
21:00	71	41	26	14	20	65	64	52	43
22:00	31	22	33	13	17	25	29	25	24
23:00	23	31	22	17	11	25	17	21	21
Total									
12H(7-19)	6129	5286	1212	1085	1372	5244	5247	4656	3654
16H(6-22)	6674	5642	1397	1225	1546	5611	5621	5019	3959
18H(6-24)	6728	5695	1452	1255	1574	5661	5667	5065	4005
24H(0-24)	6910	5871	1528	1326	1650	5826	5826	5217	4134
AM Peak	08:00	08:00	11:00	11:00	11:00	08:00	08:00	08:00	08:00
	948	799	123	106	103	798	846	691	514
PM Peak	17:00	16:00	13:00	13:00	16:00	17:00	17:00	17:00	17:00
	833	581	125	119	197	721	701	567	436

360 TSL Ltd



North Wales ATC 22, Ffordd William Morgan

Direction: Northbound

	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 28 Apr 2022	3561	3072	417	17	55
Fri 29 Apr 2022	2984	2562	380	5	37
Sat 30 Apr 2022	771	686	70	1	14
Sun 1 May 2022	653	614	39	0	0
Mon 2 May 2022	691	638	53	0	0
Tue 3 May 2022	2892	2546	309	4	33
Wed 4 May 2022	2869	2551	289	2	27
5 Day Ave.	2599	2274	290	6	30
7 Day Ave.	2060	1810	222	4	24

Direction: Southbound

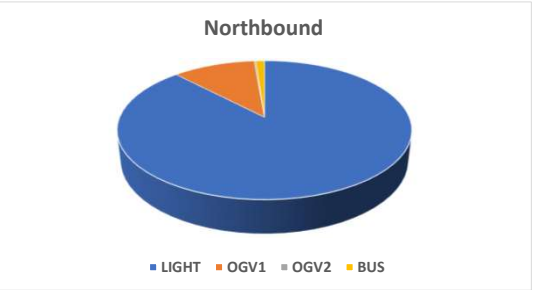
	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 28 Apr 2022	3349	3009	290	9	41
Fri 29 Apr 2022	2887	2585	271	8	23
Sat 30 Apr 2022	757	686	56	0	15
Sun 1 May 2022	673	636	37	0	0
Mon 2 May 2022	959	893	66	0	0
Tue 3 May 2022	2934	2678	237	5	14
Wed 4 May 2022	2957	2739	203	1	14
5 Day Ave.	2617	2381	213	5	18
7 Day Ave.	2074	1889	166	3	15

Direction: Total Flow

	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 28 Apr 2022	6910	6081	707	26	96
Fri 29 Apr 2022	5871	5147	651	13	60
Sat 30 Apr 2022	1528	1372	126	1	29
Sun 1 May 2022	1326	1250	76	0	0
Mon 2 May 2022	1650	1531	119	0	0
Tue 3 May 2022	5826	5224	546	9	47
Wed 4 May 2022	5826	5290	492	3	41
5 Day Ave.	5217	4655	503	10	49
7 Day Ave.	4134	3699	388	7	39

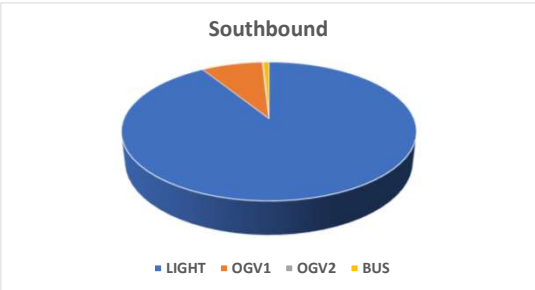
	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 28 Apr 2022	100.0%	86.3%	11.7%	0.5%	1.5%
Fri 29 Apr 2022	100.0%	85.9%	12.7%	0.2%	1.2%
Sat 30 Apr 2022	100.0%	89.0%	9.1%	0.1%	1.8%
Sun 1 May 2022	100.0%	94.0%	6.0%	0.0%	0.0%
Mon 2 May 2022	100.0%	92.3%	7.7%	0.0%	0.0%
Tue 3 May 2022	100.0%	88.0%	10.7%	0.1%	1.1%
Wed 4 May 2022	100.0%	88.9%	10.1%	0.1%	0.9%
5 Day Ave.	100.0%	87.5%	11.1%	0.2%	1.2%
7 Day Ave.	100.0%	87.9%	10.8%	0.2%	1.2%

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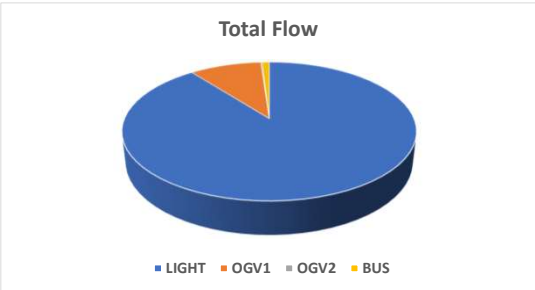
	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 28 Apr 2022	100.0%	89.8%	8.7%	0.3%	1.2%
Fri 29 Apr 2022	100.0%	89.5%	9.4%	0.3%	0.8%
Sat 30 Apr 2022	100.0%	90.6%	7.4%	0.0%	2.0%
Sun 1 May 2022	100.0%	94.5%	5.5%	0.0%	0.0%
Mon 2 May 2022	100.0%	93.1%	6.9%	0.0%	0.0%
Tue 3 May 2022	100.0%	91.3%	8.1%	0.2%	0.5%
Wed 4 May 2022	100.0%	92.6%	6.9%	0.0%	0.5%
5 Day Ave.	100.0%	91.0%	8.2%	0.2%	0.7%
7 Day Ave.	100.0%	91.1%	8.0%	0.2%	0.7%

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	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 28 Apr 2022	100.0%	88.0%	10.2%	0.4%	1.4%
Fri 29 Apr 2022	100.0%	87.7%	11.1%	0.2%	1.0%
Sat 30 Apr 2022	100.0%	89.8%	8.2%	0.1%	1.9%
Sun 1 May 2022	100.0%	94.3%	5.7%	0.0%	0.0%
Mon 2 May 2022	100.0%	92.8%	7.2%	0.0%	0.0%
Tue 3 May 2022	100.0%	89.7%	9.4%	0.2%	0.8%
Wed 4 May 2022	100.0%	90.8%	8.4%	0.1%	0.7%
5 Day Ave.	100.0%	89.2%	9.6%	0.2%	0.9%
7 Day Ave.	100.0%	89.5%	9.4%	0.2%	0.9%

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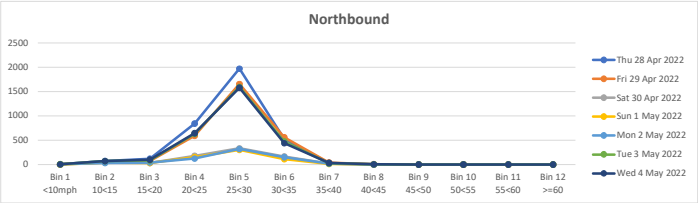


North Wales ATC 22, Ffordd William Morgan

Direction: Northbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<15	Bin 3 15<20	Bin 4 20<25	Bin 5 25<30	Bin 6 30<35	Bin 7 35<40	Bin 8 40<45	Bin 9 45<50	Bin 10 50<55	Bin 11 55<60	Bin 12 >=60
Thu 28 Apr 2022	3561	30.9	26.5	4.3	2	72	118	841	1970	522	32	2	1	0	0	1
Fri 29 Apr 2022	2984	31.5	27.1	4.3	4	52	73	592	1655	562	41	5	0	0	0	0
Sat 30 Apr 2022	771	32.2	26.5	5.5	2	41	30	179	332	167	17	3	0	0	0	0
Sun 1 May 2022	653	31.5	25.9	5.4	1	41	33	153	304	109	11	1	0	0	0	0
Mon 2 May 2022	691	32.5	26.7	5.7	3	33	41	121	319	153	19	1	0	0	1	0
Tue 3 May 2022	2892	31.2	26.6	4.4	5	70	83	634	1596	477	23	4	0	0	0	0
Wed 4 May 2022	2869	31.1	26.5	4.4	3	69	100	644	1581	437	31	3	1	0	0	0
5 Day Ave.	2599	31.4	26.7	4.6	3	59	83	566	1424	430	29	3	0	0	0	0
7 Day Ave.	2060	31.6	26.5	4.8	3	54	68	452	1108	347	25	3	0	0	0	0

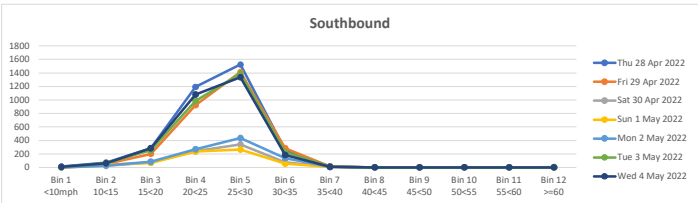
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Direction: Southbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<15	Bin 3 15<20	Bin 4 20<25	Bin 5 25<30	Bin 6 30<35	Bin 7 35<40	Bin 8 40<45	Bin 9 45<50	Bin 10 50<55	Bin 11 55<60	Bin 12 >=60
Thu 28 Apr 2022	3349	29.6	25.0	4.4	10	68	284	1193	1524	254	13	1	0	0	0	2
Fri 29 Apr 2022	2887	29.9	25.5	4.2	1	53	199	922	1414	283	14	1	0	0	0	0
Sat 30 Apr 2022	757	30.0	25.1	4.7	0	23	73	240	340	74	6	1	0	0	0	0
Sun 1 May 2022	673	29.7	24.4	5.1	0	42	67	235	264	57	8	0	0	0	0	0
Mon 2 May 2022	959	30.6	25.6	4.9	1	29	83	269	435	133	8	1	0	0	0	0
Tue 3 May 2022	2934	29.5	25.0	4.3	3	65	255	986	1389	224	10	1	1	0	0	0
Wed 4 May 2022	2957	29.1	24.7	4.3	7	61	283	1080	1336	181	8	1	0	0	0	0
5 Day Ave.	2617	29.7	25.1	4.4	4	55	221	890	1220	215	11	1	0	0	0	0
7 Day Ave.	2074	29.8	25.0	4.6	3	49	178	704	957	172	10	1	0	0	0	0

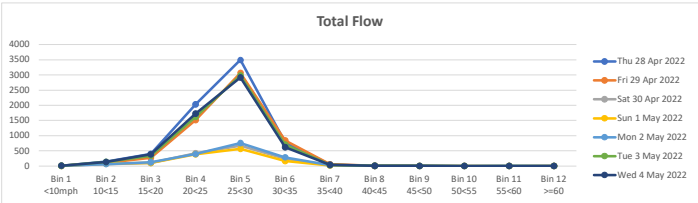
360 TSL Ltd



Direction: Total Flow

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<15	Bin 3 15<20	Bin 4 20<25	Bin 5 25<30	Bin 6 30<35	Bin 7 35<40	Bin 8 40<45	Bin 9 45<50	Bin 10 50<55	Bin 11 55<60	Bin 12 >=60
Thu 28 Apr 2022	6910	30.3	25.8	4.4	12	140	402	2034	3494	776	45	3	1	0	0	3
Fri 29 Apr 2022	5871	30.8	26.3	4.3	5	105	272	1514	3069	845	55	6	0	0	0	0
Sat 30 Apr 2022	1528	31.1	25.8	5.2	2	64	103	419	672	241	23	4	0	0	0	0
Sun 1 May 2022	1326	30.6	25.1	5.3	1	83	100	388	568	166	19	1	0	0	0	0
Mon 2 May 2022	1650	31.4	26.0	5.2	4	62	124	390	754	286	27	2	0	0	1	0
Tue 3 May 2022	5826	30.4	25.8	4.4	8	135	338	1620	2985	701	33	5	1	0	0	0
Wed 4 May 2022	5826	30.2	25.6	4.4	10	130	383	1724	2917	618	39	4	1	0	0	0
5 Day Ave.	5217	30.6	25.9	4.6	8	114	304	1456	2644	645	40	4	1	0	0	1
7 Day Ave.	4134	30.7	25.8	4.8	6	103	246	1156	2066	519	34	4	0	0	0	0

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## North Wales ATC 22, Ffordd William Morgan

Direction: Northbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<15	Bin 3 15<20	Bin 4 20<25	Bin 5 25<30	Bin 6 30<35	Bin 7 35<40	Bin 8 40<45	Bin 9 45<50	Bin 10 50<55	Bin 11 55<60	Bin 12 >=60
Thu 28 Apr 2022	301	30.4	26.0	4.3	0	3	24	75	158	39	2	0	0	0	0	0
Fri 29 Apr 2022	314	31.4	27.3	4.0	1	2	6	64	168	72	1	0	0	0	0	0
Sat 30 Apr 2022	115	32.2	27.8	4.2	0	1	2	20	62	27	2	1	0	0	0	0
Sun 1 May 2022	100	31.0	26.7	4.2	0	0	5	27	49	17	2	0	0	0	0	0
Mon 2 May 2022	98	30.9	26.1	4.6	0	1	12	17	51	17	0	0	0	0	0	0
Tue 3 May 2022	248	30.3	26.4	3.8	0	2	8	70	133	34	1	0	0	0	0	0
Wed 4 May 2022	244	30.3	26.1	4.0	0	2	8	81	118	33	2	0	0	0	0	0
5 Day Ave.	241	30.7	26.4	4.1	0	2	12	61	126	39	1	0	0	0	0	0
7 Day Ave.	203	30.9	26.6	4.2	0	2	9	51	106	34	1	0	0	0	0	0

360 TSL Ltd

Direction: Southbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<15	Bin 3 15<20	Bin 4 20<25	Bin 5 25<30	Bin 6 30<35	Bin 7 35<40	Bin 8 40<45	Bin 9 45<50	Bin 10 50<55	Bin 11 55<60	Bin 12 >=60
Thu 28 Apr 2022	321	29.3	24.4	4.7	2	8	41	117	125	27	1	0	0	0	0	0
Fri 29 Apr 2022	358	30.1	25.5	4.4	0	6	27	117	168	35	4	1	0	0	0	0
Sat 30 Apr 2022	106	29.4	24.6	4.7	0	4	12	35	46	9	0	0	0	0	0	0
Sun 1 May 2022	110	28.7	24.0	4.5	0	5	10	48	40	7	0	0	0	0	0	0
Mon 2 May 2022	85	30.3	25.0	5.1	0	5	6	27	37	9	1	0	0	0	0	0
Tue 3 May 2022	238	29.6	24.8	4.7	0	6	30	75	104	22	1	0	0	0	0	0
Wed 4 May 2022	273	29.0	24.2	4.6	1	9	36	93	118	16	0	0	0	0	0	0
5 Day Ave.	255	29.6	24.8	4.7	1	7	28	86	110	22	1	0	0	0	0	0
7 Day Ave.	213	29.5	24.6	4.7	0	6	23	73	91	18	1	0	0	0	0	0

360 TSL Ltd

Direction: Total Flow

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<15	Bin 3 15<20	Bin 4 20<25	Bin 5 25<30	Bin 6 30<35	Bin 7 35<40	Bin 8 40<45	Bin 9 45<50	Bin 10 50<55	Bin 11 55<60	Bin 12 >=60
Thu 28 Apr 2022	622	29.9	25.2	4.6	2	11	65	192	283	66	3	0	0	0	0	0
Fri 29 Apr 2022	672	30.8	26.3	4.3	1	8	33	181	336	107	5	1	0	0	0	0
Sat 30 Apr 2022	221	31.1	26.3	4.7	0	5	14	55	108	36	2	1	0	0	0	0
Sun 1 May 2022	210	30.0	25.3	4.5	0	5	15	75	89	24	2	0	0	0	0	0
Mon 2 May 2022	183	30.6	25.6	4.9	0	6	18	44	88	26	1	0	0	0	0	0
Tue 3 May 2022	486	30.1	25.6	4.3	0	8	38	145	237	56	2	0	0	0	0	0
Wed 4 May 2022	517	29.7	25.1	4.4	1	11	44	174	236	49	2	0	0	0	0	0
5 Day Ave.	496	30.2	25.6	4.5	1	9	40	147	236	61	3	0	0	0	0	0
7 Day Ave.	416	30.3	25.6	4.5	1	8	32	124	197	52	2	0	0	0	0	0

360 TSL Ltd



## North Wales ATC 22, Ffordd William Morgan

Direction: Northbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<15	Bin 3 15<20	Bin 4 20<25	Bin 5 25<30	Bin 6 30<35	Bin 7 35<40	Bin 8 40<45	Bin 9 45<50	Bin 10 50<55	Bin 11 55<60	Bin 12 >=60
Thu 28 Apr 2022	478	30.8	27.0	3.7	0	4	5	111	274	81	3	0	0	0	0	0
Fri 29 Apr 2022	526	30.7	26.8	3.7	0	3	5	148	279	85	6	0	0	0	0	0
Sat 30 Apr 2022	105	32.0	27.2	4.6	0	3	3	19	54	24	2	0	0	0	0	0
Sun 1 May 2022	105	31.6	26.3	5.1	0	5	5	23	52	19	0	1	0	0	0	0
Mon 2 May 2022	97	33.2	27.9	5.1	0	3	2	17	43	28	3	1	0	0	0	0
Tue 3 May 2022	440	31.0	27.1	3.7	1	3	6	93	259	74	4	0	0	0	0	0
Wed 4 May 2022	470	31.1	26.7	4.2	0	9	18	101	263	73	6	0	0	0	0	0
5 Day Ave.	402	31.3	27.1	4.1	0	4	7	94	224	68	4	0	0	0	0	0
7 Day Ave.	317	31.5	27.0	4.3	0	4	6	73	175	55	3	0	0	0	0	0

360 TSL Ltd

Direction: Southbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<15	Bin 3 15<20	Bin 4 20<25	Bin 5 25<30	Bin 6 30<35	Bin 7 35<40	Bin 8 40<45	Bin 9 45<50	Bin 10 50<55	Bin 11 55<60	Bin 12 >=60
Thu 28 Apr 2022	323	29.4	25.1	4.1	0	4	28	113	151	26	1	0	0	0	0	0
Fri 29 Apr 2022	277	29.5	25.6	3.7	0	2	10	106	132	26	1	0	0	0	0	0
Sat 30 Apr 2022	79	28.7	24.4	4.1	0	1	8	36	28	6	0	0	0	0	0	0
Sun 1 May 2022	93	29.4	24.4	4.8	0	4	11	31	40	6	1	0	0	0	0	0
Mon 2 May 2022	128	29.8	25.7	4.0	0	1	9	39	67	11	1	0	0	0	0	0
Tue 3 May 2022	316	29.4	25.3	4.0	1	3	16	121	153	18	4	0	0	0	0	0
Wed 4 May 2022	271	28.8	24.8	3.9	0	4	20	113	118	16	0	0	0	0	0	0
5 Day Ave.	263	29.4	25.3	3.9	0	3	17	98	124	19	1	0	0	0	0	0
7 Day Ave.	212	29.3	25.0	4.1	0	3	15	80	98	16	1	0	0	0	0	0

360 TSL Ltd

Direction: Total Flow

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<15	Bin 3 15<20	Bin 4 20<25	Bin 5 25<30	Bin 6 30<35	Bin 7 35<40	Bin 8 40<45	Bin 9 45<50	Bin 10 50<55	Bin 11 55<60	Bin 12 >=60
Thu 28 Apr 2022	801	30.4	26.3	4.0	0	8	33	224	425	107	4	0	0	0	0	0
Fri 29 Apr 2022	803	30.3	26.4	3.8	0	5	15	254	411	111	7	0	0	0	0	0
Sat 30 Apr 2022	184	30.8	26.0	4.6	0	4	11	55	82	30	2	0	0	0	0	0
Sun 1 May 2022	198	30.7	25.4	5.1	0	9	16	54	92	25	1	1	0	0	0	0
Mon 2 May 2022	225	31.4	26.6	4.6	0	4	11	56	110	39	4	1	0	0	0	0
Tue 3 May 2022	756	30.4	26.3	3.9	2	6	22	214	412	92	8	0	0	0	0	0
Wed 4 May 2022	741	30.3	26.0	4.2	0	13	38	214	381	89	6	0	0	0	0	0
5 Day Ave.	665	30.6	26.3	4.1	0	7	24	192	348	88	6	0	0	0	0	0
7 Day Ave.	530	30.6	26.1	4.3	0	7	21	153	273	70	5	0	0	0	0	0

360 TSL Ltd



North Wales ATC 22, Ffordd William Morgan

Direction: Northbound

28/04/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	18	18	0	0	0
01:00	4	1	3	0	0
02:00	7	6	1	0	0
03:00	10	10	0	0	0
04:00	12	10	2	0	0
05:00	17	9	5	1	2
06:00	58	45	9	3	1
07:00	96	70	23	1	2
08:00	245	201	40	1	3
09:00	180	128	43	0	9
10:00	142	92	35	4	11
11:00	159	127	28	0	4
12:00	230	196	31	1	2
13:00	217	180	32	2	3
14:00	209	185	21	0	3
15:00	269	235	32	0	2
16:00	578	537	37	1	3
17:00	633	600	30	1	2
18:00	188	161	25	1	1
19:00	116	107	7	0	2
20:00	76	69	4	1	2
21:00	58	49	7	0	2
22:00	21	19	1	0	1
23:00	18	17	1	0	0
Total					
12H(7-19)	3146	2712	377	12	45
16H(6-22)	3454	2982	404	16	52
18H(6-24)	3493	3018	406	16	53
24H(0-24)	3561	3072	417	17	55
AM Peak	08:00	08:00	09:00	10:00	10:00
	245	201	43	4	11
PM Peak	17:00	17:00	16:00	13:00	13:00
	633	600	37	2	3

360 TSL Ltd

Direction: Southbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	11	10	1	0	0
01:00	2	1	1	0	0
02:00	3	3	0	0	0
03:00	3	3	0	0	0
04:00	10	9	1	0	0
05:00	85	78	3	2	2
06:00	120	105	13	0	2
07:00	478	449	27	0	2
08:00	703	654	45	1	3
09:00	287	254	26	0	7
10:00	171	135	29	1	6
11:00	150	127	21	0	2
12:00	165	139	23	1	2
13:00	201	177	22	0	2
14:00	136	124	11	0	1
15:00	187	162	22	1	2
16:00	174	158	14	0	2
17:00	200	179	19	1	1
18:00	131	124	5	1	1
19:00	70	64	4	0	2
20:00	34	31	1	1	1
21:00	13	10	1	0	2
22:00	10	8	1	0	1
23:00	5	5	0	0	0
Total					
12H(7-19)	2983	2682	264	6	31
16H(6-22)	3220	2892	283	7	38
18H(6-24)	3235	2905	284	7	39
24H(0-24)	3349	3009	290	9	41
AM Peak	08:00	08:00	08:00	05:00	09:00
	703	654	45	2	7
PM Peak	13:00	17:00	12:00	12:00	12:00
	201	179	23	1	2

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	29	28	1	0	0
01:00	6	2	4	0	0
02:00	10	9	1	0	0
03:00	13	13	0	0	0
04:00	22	19	3	0	0
05:00	102	87	8	3	4
06:00	178	150	22	3	3
07:00	574	519	50	1	4
08:00	948	855	85	2	6
09:00	467	382	69	0	16
10:00	313	227	64	5	17
11:00	309	254	49	0	6
12:00	395	335	54	2	4
13:00	418	357	54	2	5
14:00	345	309	32	0	4
15:00	456	397	54	1	4
16:00	752	695	51	1	5
17:00	833	779	49	2	3
18:00	319	285	30	2	2
19:00	186	171	11	0	4
20:00	110	100	5	2	3
21:00	71	59	8	0	4
22:00	31	27	2	0	2
23:00	23	22	1	0	0
Total					
12H(7-19)	6129	5394	641	18	76
16H(6-22)	6674	5874	687	23	90
18H(6-24)	6728	5923	690	23	92
24H(0-24)	6910	6081	707	26	96
AM Peak	08:00	08:00	08:00	10:00	10:00
	948	855	85	5	17
PM Peak	17:00	17:00	12:00	12:00	13:00
	833	779	54	2	5

360 TSL Ltd



# North Wales ATC 22, Ffordd William Morgan

Direction: Northbound

29/04/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	19	19	0	0	0
01:00	2	2	0	0	0
02:00	4	3	1	0	0
03:00	11	10	1	0	0
04:00	4	4	0	0	0
05:00	15	10	3	0	2
06:00	49	43	5	0	1
07:00	86	66	19	1	0
08:00	184	147	30	0	7
09:00	137	101	31	1	4
10:00	132	100	30	0	2
11:00	182	149	27	1	5
12:00	380	332	46	0	2
13:00	279	242	33	1	3
14:00	261	219	39	1	2
15:00	265	233	30	0	2
16:00	405	377	26	0	2
17:00	322	296	24	0	2
18:00	98	87	11	0	0
19:00	57	48	9	0	0
20:00	40	29	10	0	1
21:00	19	14	4	0	1
22:00	16	14	1	0	1
23:00	17	17	0	0	0
Total					
12H(7-19)	2731	2349	346	5	31
16H(6-22)	2896	2483	374	5	34
18H(6-24)	2929	2514	375	5	35
24H(0-24)	2984	2562	380	5	37
AM Peak	08:00 184	11:00 149	09:00 31	07:00 1	08:00 7
PM Peak	16:00 405	16:00 377	12:00 46	13:00 1	13:00 3

360 TSL Ltd

Direction: Southbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	5	5	0	0	0
01:00	3	3	0	0	0
02:00	2	2	0	0	0
03:00	6	6	0	0	0
04:00	11	9	2	0	0
05:00	94	92	1	0	1
06:00	123	113	8	1	1
07:00	411	379	31	0	1
08:00	615	581	32	0	2
09:00	197	170	24	1	2
10:00	175	145	28	2	0
11:00	183	157	23	1	2
12:00	169	145	22	0	2
13:00	179	154	20	3	2
14:00	143	120	21	0	2
15:00	134	119	14	0	1
16:00	176	156	18	0	2
17:00	108	94	13	0	1
18:00	65	57	7	0	1
19:00	25	22	3	0	0
20:00	21	17	3	0	1
21:00	22	19	1	0	2
22:00	6	6	0	0	0
23:00	14	14	0	0	0
Total					
12H(7-19)	2555	2277	253	7	18
16H(6-22)	2746	2448	268	8	22
18H(6-24)	2766	2468	268	8	22
24H(0-24)	2887	2585	271	8	23
AM Peak	08:00 615	08:00 581	08:00 32	10:00 2	08:00 2
PM Peak	13:00 179	16:00 156	12:00 22	13:00 3	12:00 2

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	24	24	0	0	0
01:00	5	5	0	0	0
02:00	6	5	1	0	0
03:00	17	16	1	0	0
04:00	15	13	2	0	0
05:00	109	102	4	0	3
06:00	172	156	13	1	2
07:00	497	445	50	1	1
08:00	799	728	62	0	9
09:00	334	271	55	2	6
10:00	307	245	58	2	2
11:00	365	306	50	2	7
12:00	549	477	68	0	4
13:00	458	396	53	4	5
14:00	404	339	60	1	4
15:00	399	352	44	0	3
16:00	581	533	44	0	4
17:00	430	390	37	0	3
18:00	163	144	18	0	1
19:00	82	70	12	0	0
20:00	61	46	13	0	2
21:00	41	33	5	0	3
22:00	22	20	1	0	1
23:00	31	31	0	0	0
Total					
12H(7-19)	5286	4626	599	12	49
16H(6-22)	5642	4931	642	13	56
18H(6-24)	5695	4982	643	13	57
24H(0-24)	5871	5147	651	13	60
AM Peak	08:00 799	08:00 728	08:00 62	09:00 2	08:00 9
PM Peak	16:00 581	16:00 533	12:00 68	13:00 4	13:00 5

360 TSL Ltd



# North Wales ATC 22, Ffordd William Morgan

Direction: Northbound

30/04/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	13	13	0	0	0
01:00	6	5	1	0	0
02:00	6	5	1	0	0
03:00	7	6	1	0	0
04:00	8	8	0	0	0
05:00	6	6	0	0	0
06:00	28	24	4	0	0
07:00	18	16	1	0	1
08:00	42	35	6	0	1
09:00	46	35	11	0	0
10:00	62	56	6	0	0
11:00	53	50	3	0	0
12:00	57	45	11	0	1
13:00	57	51	5	0	1
14:00	50	48	1	0	1
15:00	55	49	5	0	1
16:00	54	51	2	0	1
17:00	48	43	5	0	0
18:00	56	51	4	0	1
19:00	27	25	1	0	1
20:00	21	19	0	0	2
21:00	14	11	0	1	2
22:00	21	19	1	0	1
23:00	16	15	1	0	0
Total					
12H(7-19)	598	530	60	0	8
16H(6-22)	688	609	65	1	13
18H(6-24)	725	643	67	1	14
24H(0-24)	771	686	70	1	14
AM Peak	10:00	10:00	09:00	00:00	07:00
	62	56	11	0	1
PM Peak	12:00	13:00	12:00	21:00	20:00
	57	51	11	1	2

360 TSL Ltd

Direction: Southbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	4	4	0	0	0
01:00	4	3	1	0	0
02:00	4	4	0	0	0
03:00	5	5	0	0	0
04:00	2	2	0	0	0
05:00	11	9	0	0	2
06:00	38	35	3	0	0
07:00	59	52	6	0	1
08:00	47	41	5	0	1
09:00	42	37	4	0	1
10:00	36	31	4	0	1
11:00	70	64	5	0	1
12:00	62	56	5	0	1
13:00	68	65	2	0	1
14:00	37	33	3	0	1
15:00	42	38	3	0	1
16:00	47	45	1	0	1
17:00	58	50	7	0	1
18:00	46	42	4	0	0
19:00	24	23	1	0	0
20:00	21	21	0	0	0
21:00	12	10	1	0	1
22:00	12	10	1	0	1
23:00	6	6	0	0	0
Total					
12H(7-19)	614	554	49	0	11
16H(6-22)	709	643	54	0	12
18H(6-24)	727	659	55	0	13
24H(0-24)	757	686	56	0	15
AM Peak	11:00	11:00	07:00	00:00	05:00
	70	64	6	0	2
PM Peak	13:00	13:00	17:00	12:00	12:00
	68	65	7	0	1

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	17	17	0	0	0
01:00	10	8	2	0	0
02:00	10	9	1	0	0
03:00	12	11	1	0	0
04:00	10	10	0	0	0
05:00	17	15	0	0	2
06:00	66	59	7	0	0
07:00	77	68	7	0	2
08:00	89	76	11	0	2
09:00	88	72	15	0	1
10:00	98	87	10	0	1
11:00	123	114	8	0	1
12:00	119	101	16	0	2
13:00	125	116	7	0	2
14:00	87	81	4	0	2
15:00	97	87	8	0	2
16:00	101	96	3	0	2
17:00	106	93	12	0	1
18:00	102	93	8	0	1
19:00	51	48	2	0	1
20:00	42	40	0	0	2
21:00	26	21	1	1	3
22:00	33	29	2	0	2
23:00	22	21	1	0	0
Total					
12H(7-19)	1212	1084	109	0	19
16H(6-22)	1397	1252	119	1	25
18H(6-24)	1452	1302	122	1	27
24H(0-24)	1528	1372	126	1	29
AM Peak	11:00	11:00	09:00	00:00	05:00
	123	114	15	0	2
PM Peak	13:00	13:00	12:00	21:00	21:00
	125	116	16	1	3

360 TSL Ltd



# North Wales ATC 22, Ffordd William Morgan

Direction: Northbound

01/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	8	8	0	0	0
01:00	9	9	0	0	0
02:00	4	4	0	0	0
03:00	7	6	1	0	0
04:00	5	5	0	0	0
05:00	6	6	0	0	0
06:00	18	17	1	0	0
07:00	16	15	1	0	0
08:00	20	20	0	0	0
09:00	30	28	2	0	0
10:00	45	40	5	0	0
11:00	55	51	4	0	0
12:00	42	40	2	0	0
13:00	62	58	4	0	0
14:00	56	52	4	0	0
15:00	49	45	4	0	0
16:00	46	44	2	0	0
17:00	58	53	5	0	0
18:00	50	49	1	0	0
19:00	23	22	1	0	0
20:00	18	17	1	0	0
21:00	7	7	0	0	0
22:00	10	10	0	0	0
23:00	9	8	1	0	0
Total					
12H(7-19)	529	495	34	0	0
16H(6-22)	595	558	37	0	0
18H(6-24)	614	576	38	0	0
24H(0-24)	653	614	39	0	0
AM Peak	11:00	11:00	10:00	00:00	00:00
	55	51	5	0	0
PM Peak	13:00	13:00	17:00	12:00	12:00
	62	58	5	0	0

360 TSL Ltd

Direction: Southbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	8	8	0	0	0
01:00	7	7	0	0	0
02:00	3	3	0	0	0
03:00	2	2	0	0	0
04:00	1	1	0	0	0
05:00	11	11	0	0	0
06:00	40	37	3	0	0
07:00	38	38	0	0	0
08:00	31	30	1	0	0
09:00	40	38	2	0	0
10:00	59	54	5	0	0
11:00	51	48	3	0	0
12:00	37	37	0	0	0
13:00	57	54	3	0	0
14:00	48	47	1	0	0
15:00	45	40	5	0	0
16:00	49	45	4	0	0
17:00	56	50	6	0	0
18:00	45	44	1	0	0
19:00	17	16	1	0	0
20:00	10	9	1	0	0
21:00	7	7	0	0	0
22:00	3	3	0	0	0
23:00	8	7	1	0	0
Total					
12H(7-19)	556	525	31	0	0
16H(6-22)	630	594	36	0	0
18H(6-24)	641	604	37	0	0
24H(0-24)	673	636	37	0	0
AM Peak	10:00	10:00	10:00	00:00	00:00
	59	54	5	0	0
PM Peak	13:00	13:00	17:00	12:00	12:00
	57	54	6	0	0

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	16	16	0	0	0
01:00	16	16	0	0	0
02:00	7	7	0	0	0
03:00	9	8	1	0	0
04:00	6	6	0	0	0
05:00	17	17	0	0	0
06:00	58	54	4	0	0
07:00	54	53	1	0	0
08:00	51	50	1	0	0
09:00	70	66	4	0	0
10:00	104	94	10	0	0
11:00	106	99	7	0	0
12:00	79	77	2	0	0
13:00	119	112	7	0	0
14:00	104	99	5	0	0
15:00	94	85	9	0	0
16:00	95	89	6	0	0
17:00	114	103	11	0	0
18:00	95	93	2	0	0
19:00	40	38	2	0	0
20:00	28	26	2	0	0
21:00	14	14	0	0	0
22:00	13	13	0	0	0
23:00	17	15	2	0	0
Total					
12H(7-19)	1085	1020	65	0	0
16H(6-22)	1225	1152	73	0	0
18H(6-24)	1255	1180	75	0	0
24H(0-24)	1326	1250	76	0	0
AM Peak	11:00	11:00	10:00	00:00	00:00
	106	99	10	0	0
PM Peak	13:00	13:00	17:00	12:00	12:00
	119	112	11	0	0

360 TSL Ltd



## North Wales ATC 22, Ffordd William Morgan

Direction: Northbound

02/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	6	6	0	0	0
01:00	4	2	2	0	0
02:00	12	11	1	0	0
03:00	5	5	0	0	0
04:00	8	8	0	0	0
05:00	11	10	1	0	0
06:00	26	24	2	0	0
07:00	18	18	0	0	0
08:00	26	23	3	0	0
09:00	28	23	5	0	0
10:00	40	36	4	0	0
11:00	58	54	4	0	0
12:00	60	51	9	0	0
13:00	43	38	5	0	0
14:00	43	42	1	0	0
15:00	54	52	2	0	0
16:00	61	57	4	0	0
17:00	52	49	3	0	0
18:00	65	63	2	0	0
19:00	30	28	2	0	0
20:00	13	12	1	0	0
21:00	8	8	0	0	0
22:00	11	10	1	0	0
23:00	9	8	1	0	0
Total					
12H(7-19)	548	506	42	0	0
16H(6-22)	625	578	47	0	0
18H(6-24)	645	596	49	0	0
24H(0-24)	691	638	53	0	0
AM Peak	11:00	11:00	09:00	00:00	00:00
	58	54	5	0	0
PM Peak	18:00	18:00	12:00	12:00	12:00
	65	63	9	0	0

360 TSL Ltd

Direction: Southbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	0	0	0	0	0
01:00	9	8	1	0	0
02:00	1	1	0	0	0
03:00	2	2	0	0	0
04:00	5	4	1	0	0
05:00	13	13	0	0	0
06:00	43	42	1	0	0
07:00	48	46	2	0	0
08:00	38	35	3	0	0
09:00	31	26	5	0	0
10:00	40	38	2	0	0
11:00	45	43	2	0	0
12:00	68	64	4	0	0
13:00	63	58	5	0	0
14:00	58	55	3	0	0
15:00	70	65	5	0	0
16:00	136	128	8	0	0
17:00	97	92	5	0	0
18:00	130	120	10	0	0
19:00	25	22	3	0	0
20:00	17	16	1	0	0
21:00	12	10	2	0	0
22:00	6	3	3	0	0
23:00	2	2	0	0	0
Total					
12H(7-19)	824	770	54	0	0
16H(6-22)	921	860	61	0	0
18H(6-24)	929	865	64	0	0
24H(0-24)	959	893	66	0	0
AM Peak	07:00	07:00	09:00	00:00	00:00
	48	46	5	0	0
PM Peak	16:00	16:00	18:00	12:00	12:00
	136	128	10	0	0

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	6	6	0	0	0
01:00	13	10	3	0	0
02:00	13	12	1	0	0
03:00	7	7	0	0	0
04:00	13	12	1	0	0
05:00	24	23	1	0	0
06:00	69	66	3	0	0
07:00	66	64	2	0	0
08:00	64	58	6	0	0
09:00	59	49	10	0	0
10:00	80	74	6	0	0
11:00	103	97	6	0	0
12:00	128	115	13	0	0
13:00	106	96	10	0	0
14:00	101	97	4	0	0
15:00	124	117	7	0	0
16:00	197	185	12	0	0
17:00	149	141	8	0	0
18:00	195	183	12	0	0
19:00	55	50	5	0	0
20:00	30	28	2	0	0
21:00	20	18	2	0	0
22:00	17	13	4	0	0
23:00	11	10	1	0	0
Total					
12H(7-19)	1372	1276	96	0	0
16H(6-22)	1546	1438	108	0	0
18H(6-24)	1574	1461	113	0	0
24H(0-24)	1650	1531	119	0	0
AM Peak	11:00	11:00	09:00	00:00	00:00
	103	97	10	0	0
PM Peak	16:00	16:00	12:00	12:00	12:00
	197	185	13	0	0

360 TSL Ltd



# North Wales ATC 22, Ffordd William Morgan

Direction: Northbound

03/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	16	16	0	0	0
01:00	4	4	0	0	0
02:00	4	3	1	0	0
03:00	10	8	1	0	1
04:00	5	3	2	0	0
05:00	15	11	3	0	1
06:00	46	43	3	0	0
07:00	96	77	18	0	1
08:00	172	146	22	0	4
09:00	141	105	35	0	1
10:00	121	97	20	1	3
11:00	127	106	19	0	2
12:00	206	180	22	0	4
13:00	184	155	25	1	3
14:00	200	176	21	1	2
15:00	240	200	38	0	2
16:00	482	443	36	0	3
17:00	548	516	30	1	1
18:00	109	102	6	0	1
19:00	44	39	4	0	1
20:00	35	33	1	0	1
21:00	51	48	2	0	1
22:00	17	16	0	0	1
23:00	19	19	0	0	0
Total					
12H(7-19)	2626	2303	292	4	27
16H(6-22)	2802	2466	302	4	30
18H(6-24)	2838	2501	302	4	31
24H(0-24)	2892	2546	309	4	33
AM Peak	08:00 172	08:00 146	09:00 35	10:00 1	08:00 4
PM Peak	17:00 548	17:00 516	15:00 38	13:00 1	12:00 4

360 TSL Ltd

Direction: Southbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	7	7	0	0	0
01:00	0	0	0	0	0
02:00	7	6	1	0	0
03:00	5	5	0	0	0
04:00	8	7	1	0	0
05:00	84	78	5	0	1
06:00	120	109	11	0	0
07:00	423	399	23	0	1
08:00	626	587	37	1	1
09:00	259	236	21	1	1
10:00	130	111	17	0	2
11:00	108	95	11	0	2
12:00	164	145	15	1	3
13:00	193	177	15	0	1
14:00	132	120	11	0	1
15:00	184	159	25	0	0
16:00	162	144	18	0	0
17:00	173	157	15	1	0
18:00	64	58	6	0	0
19:00	30	27	3	0	0
20:00	27	26	1	0	0
21:00	14	12	0	1	1
22:00	8	7	1	0	0
23:00	6	6	0	0	0
Total					
12H(7-19)	2618	2388	214	4	12
16H(6-22)	2809	2562	229	5	13
18H(6-24)	2823	2575	230	5	13
24H(0-24)	2934	2678	237	5	14
AM Peak	08:00 626	08:00 587	08:00 37	08:00 1	10:00 2
PM Peak	13:00 193	13:00 177	15:00 25	12:00 1	12:00 3

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	23	23	0	0	0
01:00	4	4	0	0	0
02:00	11	9	2	0	0
03:00	15	13	1	0	1
04:00	13	10	3	0	0
05:00	99	89	8	0	2
06:00	166	152	14	0	0
07:00	519	476	41	0	2
08:00	798	733	59	1	5
09:00	400	341	56	1	2
10:00	251	208	37	1	5
11:00	235	201	30	0	4
12:00	370	325	37	1	7
13:00	377	332	40	1	4
14:00	332	296	32	1	3
15:00	424	359	63	0	2
16:00	644	587	54	0	3
17:00	721	673	45	2	1
18:00	173	160	12	0	1
19:00	74	66	7	0	1
20:00	62	59	2	0	1
21:00	65	60	2	1	2
22:00	25	23	1	0	1
23:00	25	25	0	0	0
Total					
12H(7-19)	5244	4691	506	8	39
16H(6-22)	5611	5028	531	9	43
18H(6-24)	5661	5076	532	9	44
24H(0-24)	5826	5224	546	9	47
AM Peak	08:00 798	08:00 733	08:00 59	08:00 1	08:00 5
PM Peak	17:00 721	17:00 673	15:00 63	17:00 2	12:00 7

360 TSL Ltd



# North Wales ATC 22, Ffordd William Morgan

Direction: Northbound

04/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	17	17	0	0	0
01:00	5	5	0	0	0
02:00	5	5	0	0	0
03:00	14	13	0	0	1
04:00	7	7	0	0	0
05:00	11	9	2	0	0
06:00	45	41	2	0	2
07:00	85	66	18	0	1
08:00	159	141	16	0	2
09:00	137	105	32	0	0
10:00	118	98	19	0	1
11:00	126	103	21	0	2
12:00	180	151	27	0	2
13:00	175	153	20	0	2
14:00	206	187	15	1	3
15:00	264	237	26	0	1
16:00	461	419	39	0	3
17:00	537	505	30	1	1
18:00	149	137	11	0	1
19:00	59	55	3	0	1
20:00	27	20	5	0	2
21:00	49	46	2	0	1
22:00	17	15	1	0	1
23:00	16	16	0	0	0
Total					
12H(7-19)	2597	2302	274	2	19
16H(6-22)	2777	2464	286	2	25
18H(6-24)	2810	2495	287	2	26
24H(0-24)	2869	2551	289	2	27
AM Peak	08:00	08:00	09:00	00:00	06:00
	159	141	32	0	2
PM Peak	17:00	17:00	16:00	14:00	14:00
	537	505	39	1	3

360 TSL Ltd

Direction: Southbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	4	3	1	0	0
01:00	9	7	2	0	0
02:00	2	2	0	0	0
03:00	6	6	0	0	0
04:00	6	5	1	0	0
05:00	73	70	1	0	2
06:00	107	104	3	0	0
07:00	439	416	23	0	0
08:00	687	659	26	0	2
09:00	268	250	18	0	0
10:00	127	111	11	1	4
11:00	146	127	18	0	1
12:00	152	137	14	0	1
13:00	192	179	12	0	1
14:00	134	119	14	0	1
15:00	137	124	13	0	0
16:00	144	125	18	0	1
17:00	164	152	11	0	1
18:00	60	55	5	0	0
19:00	32	27	5	0	0
20:00	40	35	5	0	0
21:00	15	14	1	0	0
22:00	12	11	1	0	0
23:00	1	1	0	0	0
Total					
12H(7-19)	2650	2454	183	1	12
16H(6-22)	2844	2634	197	1	12
18H(6-24)	2857	2646	198	1	12
24H(0-24)	2957	2739	203	1	14
AM Peak	08:00	08:00	08:00	10:00	10:00
	687	659	26	1	4
PM Peak	13:00	13:00	16:00	12:00	12:00
	192	179	18	0	1

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	21	20	1	0	0
01:00	14	12	2	0	0
02:00	7	7	0	0	0
03:00	20	19	0	0	1
04:00	13	12	1	0	0
05:00	84	79	3	0	2
06:00	152	145	5	0	2
07:00	524	482	41	0	1
08:00	846	800	42	0	4
09:00	405	355	50	0	0
10:00	245	209	30	1	5
11:00	272	230	39	0	3
12:00	332	288	41	0	3
13:00	367	332	32	0	3
14:00	340	306	29	1	4
15:00	401	361	39	0	1
16:00	605	544	57	0	4
17:00	701	657	41	1	2
18:00	209	192	16	0	1
19:00	91	82	8	0	1
20:00	67	55	10	0	2
21:00	64	60	3	0	1
22:00	29	26	2	0	1
23:00	17	17	0	0	0
Total					
12H(7-19)	5247	4756	457	3	31
16H(6-22)	5621	5098	483	3	37
18H(6-24)	5667	5141	485	3	38
24H(0-24)	5826	5290	492	3	41
AM Peak	08:00	08:00	09:00	10:00	10:00
	846	800	50	1	5
PM Peak	17:00	17:00	16:00	14:00	14:00
	701	657	57	1	4

360 TSL Ltd



North Wales ATC 22, Flordd William Morgan

Direction: Northbound

28/04/2022																	
Hour Beginning	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-15	Bin 3 15-20	Bin 4 20-25	Bin 5 25-30	Bin 6 30-35	Bin 7 35-40	Bin 8 40-45	Bin 9 45-50	Bin 10 50-55	Bin 11 55-60	Bin 12 >=60	
00:00	18	30.1	25.0	4.9	0	1	1	6	8	2	0	0	0	0	0	0	
01:00	4	33.7	28.8	4.8	0	0	0	2	3	1	1	0	0	0	0	0	
02:00	7	33.8	28.2	5.3	0	0	0	2	3	1	1	0	0	0	0	0	
03:00	10	26.6	20.5	5.9	0	3	0	5	2	0	0	0	0	0	0	0	
04:00	12	30.6	27.9	2.6	0	0	0	1	9	2	0	0	0	0	0	0	
05:00	17	32.8	27.8	4.8	0	1	5	1	10	5	0	0	0	0	0	0	
06:00	58	32.4	24.8	7.3	0	9	5	13	15	13	3	0	0	0	0	0	
07:00	66	31.9	27.2	4.5	0	3	9	14	52	24	0	0	0	0	0	0	
08:00	245	31.1	26.8	4.1	1	2	8	55	133	45	1	0	0	0	0	0	
09:00	180	30.5	26.2	4.1	0	1	17	34	106	21	1	0	0	0	0	0	
10:00	142	30.5	25.7	4.6	0	3	14	33	74	17	1	0	0	0	0	0	
11:00	159	30.4	26.3	4.0	0	0	10	42	84	22	1	0	0	0	0	0	
12:00	230	30.9	26.0	4.7	2	1	11	68	123	23	0	0	0	0	0	1	
13:00	217	31.0	26.9	4.0	0	3	5	45	127	34	3	0	0	0	0	0	
14:00	209	31.3	27.1	4.0	0	2	2	54	106	42	3	0	0	0	0	0	
15:00	269	30.4	26.9	3.4	0	2	3	57	168	39	0	0	0	0	0	0	
16:00	576	30.3	26.4	3.8	0	7	16	149	351	74	1	0	0	0	0	0	
17:00	633	30.4	26.4	3.8	0	11	12	164	364	78	4	0	0	0	0	0	
18:00	188	30.8	26.9	3.8	0	4	2	35	122	23	2	0	0	0	0	0	
19:00	116	31.8	26.3	5.3	0	6	5	28	54	19	4	0	0	0	0	0	
20:00	76	31.4	27.0	4.3	0	1	2	17	43	10	3	0	0	0	0	0	
21:00	58	31.7	28.0	5.5	0	3	1	6	24	19	3	0	0	0	0	0	
22:00	21	34.3	28.0	6.1	0	1	0	4	10	4	1	1	0	0	0	0	
23:00	18	34.2	22.8	11.0	0	7	1	4	1	3	0	1	1	0	0	0	
Total																	
201616-121	301	30.4	26.0	4.3	0	3	24	75	158	39	2	0	0	0	0	0	
201614-140	478	30.8	27.0	3.7	0	4	5	111	274	81	3	0	0	0	0	0	
12047-110	1146	30.7	26.5	4.0	2	40	103	751	1790	443	17	0	0	0	0	1	
24000-240	6561	30.9	26.5	4.3	2	72	118	845	1970	622	32	2	1	0	0	1	
AM Peak	08:00	02:00	03:00	06:00	08:00	06:00	09:00	08:00	08:00	08:00	06:00	00:00	00:00	00:00	00:00	00:00	
	245	33.8	28.8	7.3	1	9	17	55	133	45	3	0	0	0	0	0	
PM Peak	17:00	22:00	21:00	23:00	12:00	17:00	16:00	17:00	17:00	17:00	17:00	22:00	23:00	12:00	12:00	12:00	
	633	34.3	28.0	11.0	1	11	16	164	364	78	4	1	1	0	0	1	

360 TSL Ltd

Direction: Southbound

Hour Beginning	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-15	Bin 3 15-20	Bin 4 20-25	Bin 5 25-30	Bin 6 30-35	Bin 7 35-40	Bin 8 40-45	Bin 9 45-50	Bin 10 50-55	Bin 11 55-60	Bin 12 >=60	
00:00	11	29.5	25.2	4.1	0	0	1	4	5	1	0	0	0	0	0	0	
01:00	2	34.8	27.5	7.1	0	0	0	1	0	0	0	0	0	0	0	0	
02:00	3	28.8	25.8	2.9	0	0	0	1	2	0	0	0	0	0	0	0	
03:00	3	32.2	28.2	2.9	0	0	0	0	2	1	0	0	0	0	0	0	
04:00	10	31.1	25.0	5.9	0	1	1	1	6	1	0	0	0	0	0	0	
05:00	85	31.7	27.4	4.1	0	0	3	18	43	19	2	0	0	0	0	0	
06:00	120	30.0	25.6	4.3	0	2	11	29	46	12	0	0	0	0	0	0	
07:00	478	29.2	25.0	4.1	0	12	38	154	248	26	0	0	0	0	0	0	
08:00	703	28.4	24.4	4.4	4	22	57	282	301	54	1	0	0	0	0	0	
09:00	287	29.3	25.2	4.0	0	2	36	98	139	22	0	0	0	0	0	0	
10:00	171	28.9	24.1	4.7	2	3	26	59	71	13	0	0	0	0	0	0	
11:00	150	28.7	24.7	4.8	0	5	15	58	54	17	1	0	0	0	0	0	
12:00	305	32.1	25.3	6.5	4	3	11	52	84	7	2	0	0	0	0	2	
13:00	201	29.2	25.0	4.0	0	4	13	74	97	13	0	0	0	0	0	0	
14:00	136	29.4	25.3	3.9	0	0	10	54	59	12	1	0	0	0	0	0	
15:00	187	29.4	25.0	4.3	0	4	18	59	92	14	0	0	0	0	0	0	
16:00	174	28.9	24.9	3.9	0	0	11	86	60	16	1	0	0	0	0	0	
17:00	200	29.6	25.3	4.1	0	4	15	62	100	16	0	0	0	0	0	0	
18:00	131	29.3	26.3	5.0	0	4	19	47	50	9	1	1	0	0	0	0	
19:00	70	29.7	24.9	4.7	0	1	6	34	18	10	1	0	0	0	0	0	
20:00	34	31.6	25.7	5.1	0	1	3	10	13	7	0	0	0	0	0	0	
21:00	13	31.6	27.1	4.3	0	0	0	5	4	4	0	0	0	0	0	0	
22:00	10	29.9	27.0	2.8	0	0	0	2	7	1	0	0	0	0	0	0	
23:00	5	34.8	27.5	7.1	0	0	0	1	0	1	1	0	0	0	0	0	
Total																	
201612-1	321	29.3	24.4	4.7	2	8	41	117	125	27	1	0	0	0	0	0	
201614-1	333	29.4	25.1	4.1	0	4	28	133	131	26	1	0	0	0	0	0	
201612-140	2988	29.4	24.8	4.4	10	63	259	1085	1338	196	9	1	0	0	0	2	
24000-240	8149	29.6	25.0	4.4	10	68	284	1193	1534	254	13	1	0	0	0	2	
AM Peak																	
08:00	01:00	03:00	05:00	08:00	08:00	08:00	08:00	08:00	08:00	08:00	08:00	00:00	00:00	00:00	00:00	00:00	
	703	34.4	28.2	7.1	4	22	57	282	301	54	3	0	0	0	0	0	
PM Peak																	
17:00	22:00	21:00	23:00	12:00	13:00	18:00	16:00	17:00	16:00	12:00	18:00	12:00	12:00	12:00	12:00	12:00	
	201	34.8	27.5	7.1	4	4	19	86	103	16	2	1	0	0	0	2	

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-15	Bin 3 15-20	Bin 4 20-25	Bin 5 25-30	Bin 6 30-35	Bin 7 35-40	Bin 8 40-45	Bin 9 45-50	Bin 10 50-55	Bin 11 55-60	Bin 12 >=60
00:00	29	29.8	25.1	4.6	0	1	2	10	13	3	0	0	0	0	0	0
01:00	6	33.4	28.3	4.9	0	0	0	2	1	3	0	0	0	0	0	0
02:00	10	32.4	27.5	4.7	0	0	0	0	3	5	1	0	0	0	0	0
03:00	13	29.7	22.5	6.5	0	3	0	5	4	1	0	0	0	0	0	0
04:00	22	33.3	26.3	4.5	0	1	1	7	10	3	0	0	0	0	0	0
05:00	303	33.3	25.5	4.2	1	3	13	53	53	24	0	0	0	0	0	0
06:00	178	31.0	25.4	5.4	11	16	42	81	25	23	3	0	0	0	0	0
07:00	274	29.4	24.2	6.2	15	16	45	105	38	30	0	0	0	0	0	0
08:00	948	26.0	25.0	4.4	5	24	65	337	434	79	4	0	0	0	0	0
09:00	1024	29.6	24.2	4.1	0	3	13	433	245	24	0	0	0	0	0	0
10:00	313	29.7	24.8	4.7	2	6	40	92	145	27	1	0	0	0	0	0
11:00	345	30.4	25.2	4.5	0	1	7	108	179	39	2	0	0	0	0	0
12:00	395	31.4	25.7	5.5	5	5	22	121	207	50	3	0	0	0	0	0
13:00	448	30.3	26.0	4.1	0	7	18	119	224	47	54	4	0	0	0	0
14:00	365	30.4	26.4	6.1	2	2	12	108	166	54	4	0	0	0	0	0
15:00	456	30.2	26.2	3.9	0	6	21	116	200	93	0	0	0	0	0	0
16:00	752	30.1	25.8	1.8	0	7	28	162	293	50	0	0	0	0	0	0
17:00	833	30.3	26.2	4.0	0	15	27	226	427	94	3	0	0	0	0	0
18:00	752	30.4	26.2	4.5	8	28	32	172	327	32	0	0	0	0	0	0
19:00	586	31.0	25.7	5.1	0	7	11	62	72	29	5	0	0	0	0	0
20:00	310	33.3	26.6	4.6	0	2	5	27	56	1	0	0	0	0	0	0
21:00	71	33.3	27.9	5.3	3	1	1	28	23	1	0	0	0	0	0	0
22:00	31	33.1	27.7	5.2	0	1	0	6	17	5	1	1	0	0	0	0
23:00	31	34.5	23.8	10.4	0	3	1	7	1	4	1	1	1	0	0	0
Total																
2PM-12:15	622	28.9	25.2	4.6	2	11	65	292	283	66	0	0	0	0	0	0
12:15-4:00	801	30.4	26.3	4.0	0	8	33	224	425	107	4	0	0	0	0	0
4:00-6:00	1027	30.7	25.7	4.3	12	303	362	868	636	238	0	0	0	0	0	0
24hr-24:00	6930	30.3	25.8	4.4	12	140	402	2034	3494	776	45	3	1	0	0	0
Hour Ending	05:00	61:00	65:00	69:00	08:00	08:00	08:00	08:00	08:00	08:00	08:00	08:00	08:00	08:00	08:00	08:00
PM Peak	17:00	23:00	21:00	25:00	12:00	17:00	16:00	16:00	17:00	17:00	17:00	18:00	18:00	23:00	12:00	12:00
18:00	22:00	22:00	22:00	24:00	17:00	17:00	17:00	17:00	23:00	23:00	23:00	23:00	23:00	23:00	23:00	23:00



North Wales ATC 22, Flordd William Morgan

Direction: Northbound															29/04/2022	
Hour Beginning	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 10-19m	Bin 2 19-25m	Bin 3 25-30m	Bin 4 30-35m	Bin 5 35-40m	Bin 6 40-45m	Bin 7 45-50m	Bin 8 50-55m	Bin 9 55-59m	Bin 10 59-60m	Bin 11 60-69m	Bin 12 69-80m
00:00	19	32.1	25.1	7.5	0	1	2	1	0	0	0	0	0	0	0	0
01:00	2	39.8	32.5	7.1	0	0	0	1	0	1	0	0	0	0	0	0
02:00	4	31.2	26.3	4.8	0	0	0	2	1	1	0	0	0	0	0	0
03:00	11	26.2	18.9	7.1	0	5	2	0	4	0	0	0	0	0	0	0
04:00	4	32.6	23.8	8.5	0	1	0	1	1	1	0	0	0	0	0	0
05:00	15	38.7	28.2	6.5	0	0	1	4	5	1	1	0	0	0	0	0
06:00	49	32.8	26.3	6.3	0	3	5	9	18	13	0	1	0	0	0	0
07:00	86	32.2	27.8	4.3	0	1	2	14	46	20	3	0	0	0	0	0
08:00	184	31.6	27.5	4.0	0	3	4	26	130	39	2	0	0	0	0	0
09:00	137	31.8	27.7	3.9	0	1	1	25	80	28	1	0	0	0	0	0
10:00	132	31.9	27.5	4.2	0	0	4	32	56	39	1	0	0	0	0	0
11:00	182	31.1	27.1	3.8	1	2	2	32	112	31	0	0	0	0	0	0
12:00	380	30.4	26.6	3.6	0	0	21	76	233	49	1	0	0	0	0	0
13:00	279	30.4	26.6	3.6	0	1	8	73	157	39	1	0	0	0	0	0
14:00	261	30.4	26.6	3.7	0	2	4	72	146	36	2	0	0	0	0	0
15:00	265	31.0	27.0	3.8	0	1	1	76	134	49	4	0	0	0	0	0
16:00	405	31.6	27.7	3.8	0	0	5	75	227	81	9	0	0	0	0	0
17:00	322	31.5	27.7	3.6	0	4	4	38	204	70	2	0	0	0	0	0
18:00	98	32.7	26.0	6.5	1	10	5	11	50	18	2	1	0	0	0	0
19:00	57	32.5	25.9	6.3	0	7	2	9	23	16	0	0	0	0	0	0
20:00	40	33.0	27.9	5.0	0	1	0	9	18	9	3	0	0	0	0	0
21:00	19	36.4	27.8	6.3	1	1	1	3	3	7	3	0	0	0	0	0
22:00	16	34.0	29.4	4.4	0	0	0	3	5	7	1	0	0	0	0	0
23:00	17	33.4	25.0	9.1	1	4	0	2	5	4	1	0	0	0	0	0
Total	314	31.4	27.3	4.0	1	2	6	64	168	72	1	0	0	0	0	0
2H(10-12)	526	30.7	26.8	3.7	0	3	5	148	279	85	6	0	0	0	0	0
12H(7-19)	2731	31.2	27.2	3.9	2	27	61	546	1564	499	29	3	0	0	0	0
24H(0-24)	2984	31.5	27.1	4.3	4	52	75	592	1655	562	41	5	0	0	0	0
AM Peak	08:00	01:00	01:00	04:00	11:00	03:00	06:00	10:00	11:00	08:00	07:00	05:00	00:00	00:00	00:00	00:00
	184	38.8	32.5	8.5	1	5	5	32	112	39	3	1	0	0	0	0
PM Peak	16:00	21:00	22:00	23:00	18:00	18:00	12:00	12:00	16:00	16:00	16:00	16:00	12:00	12:00	12:00	12:00
	405	36.4	28.4	9.1	1	10	21	76	237	81	8	1	0	0	0	0

360 TSL Ltd

Direction: Southbound																
Hour Beginning	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 10-19m	Bin 2 19-25m	Bin 3 25-30m	Bin 4 30-35m	Bin 5 35-40m	Bin 6 40-45m	Bin 7 45-50m	Bin 8 50-55m	Bin 9 55-59m	Bin 10 59-60m	Bin 11 60-69m	Bin 12 69-80m
00:00	5	31.4	25.5	5.7	0	0	1	1	2	1	0	0	0	0	0	0
01:00	1	36.8	30.8	5.8	0	0	0	0	2	0	0	1	0	0	0	0
02:00	2	22.5	22.5	0.0	0	0	0	2	0	0	0	0	0	0	0	0
03:00	6	32.3	23.3	8.6	0	2	0	0	1	1	0	0	0	0	0	0
04:00	11	30.5	28.4	2.0	0	0	0	0	9	2	0	0	0	0	0	0
05:00	94	31.3	27.8	3.3	0	0	2	58	22	0	0	0	0	0	0	0
06:00	123	30.5	25.1	5.1	0	5	18	22	64	13	1	0	0	0	0	0
07:00	411	28.4	25.3	3.9	0	7	27	134	217	25	1	0	0	0	0	0
08:00	615	29.0	24.7	4.1	0	11	58	244	261	39	2	0	0	0	0	0
09:00	197	29.9	25.7	4.0	0	1	10	71	91	23	1	0	0	0	0	0
10:00	175	29.9	25.5	4.2	0	1	15	57	81	17	2	0	0	0	0	0
11:00	183	30.3	25.5	4.7	0	5	12	60	85	18	2	1	0	0	0	0
12:00	589	29.6	24.6	4.8	1	10	8	62	34	14	0	0	0	0	0	0
13:00	179	30.4	26.1	4.1	0	1	12	40	90	27	0	0	0	0	0	0
14:00	143	29.7	26.0	3.6	0	2	0	53	72	16	0	0	0	0	0	0
15:00	134	29.2	25.2	3.9	0	0	10	53	60	10	1	0	0	0	0	0
16:00	176	30.7	27.2	3.3	0	0	1	40	106	27	2	0	0	0	0	0
17:00	508	30.0	25.9	3.9	0	1	8	25	84	10	0	0	0	0	0	0
18:00	65	30.4	25.1	5.1	0	2	11	11	33	8	0	0	0	0	0	0
19:00	25	29.3	26.1	3.1	0	0	0	9	14	2	0	0	0	0	0	0
20:00	21	31.8	24.9	6.6	0	2	2	7	5	1	0	0	0	0	0	0
21:00	22	30.5	24.8	5.5	0	2	1	7	9	3	0	0	0	0	0	0
22:00	6	31.8	26.7	4.9	0	0	1	0	4	1	0	0	0	0	0	0
23:00	14	28.1	23.9	5.0	0	1	2	3	8	0	0	0	0	0	0	0
Total	358	30.1	25.5	4.4	0	6	27	117	168	35	4	1	0	0	0	0
2H(10-12)	277	29.5	25.6	3.7	0	2	10	106	132	26	1	0	0	0	0	0
12H(7-19)	2555	29.7	25.4	4.2	1	41	172	859	1236	234	11	1	0	0	0	0
24H(0-24)	2887	29.9	25.5	4.2	1	53	199	932	1434	281	14	1	0	0	0	0
AM Peak	08:00	01:00	01:00	03:00	00:00	08:00	08:00	08:00	08:00	08:00	08:00	11:00	00:00	00:00	00:00	00:00
	415	36.8	30.8	8.6	0	11	58	244	261	39	2	1	0	0	0	0
PM Peak	19:00	22:00	16:00	20:00	12:00	13:00	13:00	12:00	16:00	13:00	16:00	12:00	12:00	12:00	12:00	12:00
	179	31.8	27.2	6.6	1	10	12	62	106	27	2	0	0	0	0	0

360 TSL Ltd

Direction: Total Flow																
Hour	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 10-19m	Bin 2 19-25m	Bin 3 25-30m	Bin 4 30-35m	Bin 5 35-40m	Bin 6 40-45m	Bin 7 45-50m	Bin 8 50-55m	Bin 9 55-59m	Bin 10 59-60m	Bin 11 60-69m	Bin 12 69-80m
00:00	24	32.5	25.2	7.1	0	3	2	5	9	3	2	0	0	0	0	0
01:00	5	37.2	31.5	5.5	0	0	0	0	3	0	2	0	0	0	0	0
02:00	6	29.3	25.0	4.2	0	0	0	4	1	1	0	0	0	0	0	0
03:00	17	28.4	20.4	7.7	0	7	2	0	7	1	0	0	0	0	0	0
04:00	15	32.1	27.2	4.8	0	1	0	0	1	10	3	0	0	0	0	0
05:00	109	31.9	27.9	3.9	0	0	3	16	63	25	1	1	0	0	0	0
06:00	177	31.5	25.5	5.5	0	8	23	31	82	26	1	0	0	0	0	0
07:00	407	30.2	25.7	4.1	0	8	29	148	263	45	4	0	0	0	0	0
08:00	799	29.7	25.3	4.3	0	14	62	270	371	78	4	0	0	0	0	0
09:00	334	30.8	26.5	4.1	0	2	11	96	171	49	4	1	0	0	0	0
10:00	307	30.9	26.4	4.3	0	1	19	89	139	56	3	0	0	0	0	0
11:00	365	30.8	26.3	4.3	1	7	24	92	197	54	1	0	0	0	0	0
12:00	549	30.3	26.0	4.1	1	10	29	138	307	63	1	0	0	0	0	0
13:00	458	30.4	26.4	3.8	0	2	20	121	247	66	1	0	0	0	0	0
14:00	404	30.2	26.4	3.7	0	4	4	125	217	52	2	0	0	0	0	0
15:00	399	30.5	26.4	3.9	0	1	11	129	194	59	5	0	0	0	0	0
16:00	581	31.3	27.5	3.7	0	2	6	111	343	108	10	1	0	0	0	0
17:00	420	31.2	27.3	3.8	0	5	12	63	268	80	2	0	0	0	0	0
18:00	163	31.8	25.6	6.0	1	12	16	22	81	26	1	0	0	0	0	0
19:00	82	31.7	26.0	5.5	0	7	2	18	37	18	0	0	0	0	0	0
20:00	61	32.8	26.8	5.7	0	3	2	16	23	11	4	0	0	0	0	0
21:00	41	33.5	26.2	7.0	1	3	2	10	12	10	1	0	0	0	0	0
22:00	22	33.4	28.6	4.6	0	0	1	3	9	8	1	0	0	0	0	0
23:00	31	31.6	25.0	7.4	1	5	2	5	13	4	1	0	0	0	0	0
Total																
2016-12-10	672	30.8	26.3	4.3	1	8	33	181	336	107	5	1	0	0	0	0
2016-12-11	803	30.5	26.4	3.8	0	1	5	264	344	111	11	0	0	0	0	0
2016-12-12	526	30.6	26.3	4.1	3	6	23	109	280	73	40	4	0	0	0	0
2016-12-13	587	30.8	26.3	4.3	5	105	27	1514	3069	845	55	6	0	0	0	0
Avg Peak	600	31.00	26.00	4.00	11.00	08.00	08.00	08.00	08.00	08.00	08.00	05.00	05.00	00.00	00.00	00.00
Min Peak	799	29.70	25.30	4.30	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
P90 Peak	100	31.00	27.00	3.00	12.00	12.00	12.00	12.00	10.00	10.00	10.00	12.00	12.00	12.00	12.00	12.00
95th	581	31.30	27.50	3.70	1	32	29	338	943	105	10	1	0	0	0	0



North Wales ATC 22, Flordd William Morgan

Direction: Northbound

30/04/2022																
Hour Beginning	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-15	Bin 3 15-20	Bin 4 20-25	Bin 5 25-30	Bin 6 30-35	Bin 7 35-40	Bin 8 40-45	Bin 9 45-50	Bin 10 50-55	Bin 11 55-60	Bin 12 >=60
00:00	13	36.2	26.7	9.1	0	2	1	1	2	3	3	0	0	0	0	0
01:00	6	24.4	18.3	5.8	0	2	2	1	1	0	0	0	0	0	0	0
02:00	6	20.5	21.8	8.4	1	0	1	2	1	1	2	0	0	0	0	0
03:00	7	31.7	23.9	7.5	0	1	1	2	1	2	1	0	0	0	0	0
04:00	8	27.9	21.3	6.4	0	2	1	2	3	0	2	0	0	0	0	0
05:00	6	36.2	28.2	6.8	0	0	1	0	2	1	0	0	0	0	0	0
06:00	28	30.8	22.9	7.7	0	7	3	5	8	4	1	0	0	0	0	0
07:00	18	33.7	25.5	5.9	0	1	1	2	7	8	3	0	0	0	0	0
08:00	42	32.7	27.4	5.1	0	1	1	9	21	8	1	1	0	0	0	0
09:00	46	31.1	27.0	4.0	0	0	2	11	23	10	3	0	0	0	0	0
10:00	62	32.5	27.7	4.7	0	1	1	13	30	15	1	1	0	0	0	0
11:00	53	31.7	28.0	3.6	0	0	1	7	32	12	1	0	0	0	0	0
12:00	57	31.7	27.4	4.2	0	0	1	15	27	12	2	0	0	0	0	0
13:00	57	30.4	26.0	4.2	0	2	0	19	28	8	0	0	0	0	0	0
14:00	50	32.8	27.7	4.9	0	1	2	9	22	14	2	0	0	0	0	0
15:00	55	31.3	26.8	4.3	0	2	1	10	32	10	0	0	0	0	0	0
16:00	54	31.6	26.8	5.4	0	3	2	16	25	11	1	0	0	0	0	0
17:00	48	32.1	26.9	5.0	0	1	2	14	17	13	1	0	0	0	0	0
18:00	56	32.8	26.6	5.9	1	3	2	10	24	15	1	0	0	0	0	0
19:00	27	31.5	23.6	7.6	0	7	0	7	6	7	0	0	0	0	0	0
20:00	21	32.8	26.8	5.8	0	1	1	5	8	5	1	0	0	0	0	0
21:00	14	26.1	23.2	4.7	0	1	2	5	6	0	0	0	0	0	0	0
22:00	21	32.8	27.7	4.9	0	0	1	5	8	6	1	0	0	0	0	0
23:00	16	32.6	25.1	7.7	0	3	0	8	0	4	1	0	0	0	0	0
Total																
201610-121	115	32.2	27.8	4.2	0	1	2	20	62	27	2	1	0	0	0	0
201614-161	105	32.0	27.2	4.6	0	3	3	19	54	24	2	0	0	0	0	0
120167-191	108	32.0	27.0	4.8	1	15	16	130	285	133	11	2	0	0	0	0
240169-241	771	32.2	26.5	5.5	2	41	30	179	332	167	17	3	0	0	0	0
AM Peak	10:00	05:00	05:00	05:00	02:00	06:00	06:00	10:00	11:00	10:00	00:00	00:00	00:00	00:00	00:00	00:00
	62	36.2	28.2	9.1	1	7	3	13	32	15	1	1	0	0	0	0
PM Peak	12:00	14:00	22:00	23:00	18:00	19:00	14:00	13:00	15:00	18:00	12:00	12:00	12:00	12:00	12:00	12:00
	57	32.8	27.7	7.7	1	7	2	19	32	15	2	0	0	0	0	0

360 TSL Ltd

Direction: Southbound

Hour Beginning	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-15	Bin 3 15-20	Bin 4 20-25	Bin 5 25-30	Bin 6 30-35	Bin 7 35-40	Bin 8 40-45	Bin 9 45-50	Bin 10 50-55	Bin 11 55-60	Bin 12 >=60
00:00	4	28.7	23.8	4.8	0	0	1	1	2	0	0	0	0	0	0	0
01:00	4	25.2	20.0	5.0	0	1	0	3	0	0	0	0	0	0	0	0
02:00	5	31.5	24.5	6.7	0	0	2	0	2	1	0	0	0	0	0	0
03:00	2	27.5	27.5	0.0	0	0	0	0	2	0	0	0	0	0	0	0
04:00	11	31.5	25.2	6.1	0	2	4	8	1	1	0	0	0	0	0	0
05:00	38	29.2	22.1	6.8	0	7	9	7	11	3	1	0	0	0	0	0
06:00	59	30.3	25.1	4.9	0	2	6	16	31	3	0	1	0	0	0	0
07:00	47	31.8	26.2	5.4	0	1	4	14	17	17	9	2	0	0	0	0
08:00	42	30.6	26.0	4.5	0	1	3	10	22	6	0	0	0	0	0	0
09:00	36	29.3	23.5	5.6	0	3	6	12	11	4	0	0	0	0	0	0
10:00	70	29.3	25.1	4.1	0	1	6	23	35	5	0	0	0	0	0	0
11:00	62	29.6	25.8	3.6	0	0	2	24	29	7	0	0	0	0	0	0
12:00	68	30.0	25.4	4.4	0	1	7	19	31	8	0	0	0	0	0	0
13:00	37	27.9	24.8	3.0	0	0	1	19	16	1	0	0	0	0	0	0
14:00	42	29.1	24.0	4.9	0	7	7	17	12	5	0	0	0	0	0	0
15:00	47	29.7	25.8	3.8	0	0	2	17	24	3	1	0	0	0	0	0
16:00	56	30.4	25.6	4.7	0	1	5	18	26	7	0	0	0	0	0	0
17:00	46	29.4	24.6	4.7	0	2	6	11	25	2	0	0	0	0	0	0
18:00	24	28.9	26.5	3.3	0	0	0	8	13	3	0	0	0	0	0	0
19:00	21	29.4	26.1	3.2	0	0	0	8	11	2	0	0	0	0	0	0
20:00	12	28.1	22.9	5.0	0	1	2	4	5	0	0	0	0	0	0	0
21:00	12	30.6	24.6	5.8	0	1	1	4	4	2	0	0	0	0	0	0
22:00	6	31.2	25.8	5.2	0	0	1	1	3	1	0	0	0	0	0	0
Total																
201610-121	106	29.4	24.6	4.7	0	4	12	35	46	9	0	0	0	0	0	0
201614-161	79	28.7	24.4	4.1	0	1	8	36	28	6	0	0	0	0	0	0
120167-191	614	29.9	25.2	4.5	0	13	55	200	281	60	4	1	0	0	0	0
240169-241	757	30.0	25.1	4.7	0	23	73	240	340	74	6	1	0	0	0	0
AM Peak	11:00	08:00	05:00	06:00	00:00	06:00	06:00	11:00	11:00	08:00	08:00	07:00	00:00	00:00	00:00	00:00
	70	31.8	28.8	6.8	0	7	9	29	39	9	2	1	0	0	0	0
PM Peak	13:00	22:00	19:00	22:00	12:00	18:00	13:00	12:00	13:00	13:00	16:00	12:00	12:00	12:00	12:00	12:00
	68	31.2	25.5	5.8	0	2	7	26	33	8	1	0	0	0	0	0

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-15	Bin 3 15-20	Bin 4 20-25	Bin 5 25-30	Bin 6 30-35	Bin 7 35-40	Bin 8 40-45	Bin 9 45-50	Bin 10 50-55	Bin 11 55-60	Bin 12 >=60
00:00	10	28.6	20.5	5.9	0	2	3	2	3	0	0	0	0	0	0	0
01:00	10	28.3	21.1	7.0	1	1	1	1	5	1	0	0	0	0	0	0
02:00	12	31.3	24.2	6.9	0	1	3	2	3	3	0	0	0	0	0	0
03:00	10	29.0	22.5	6.2	0	2	1	2	5	0	0	0	0	0	0	0
04:00	17	33.3	26.6	6.4	0	0	3	4	5	3	2	0	0	0	0	0
05:00	66	29.8	22.4	7.2	0	14	12	12	19	7	2	0	0	0	0	0
06:00	77	31.1	25.7	5.3	0	3	7	18	39	8	1	1	0	0	0	0
07:00	89	32.2	26.8	5.3	0	2	5	23	38	17	3	1	0	0	0	0
08:00	88	30.9	26.5	4.2	0	1	5	21	45	14	2	0	0	0	0	0
09:00	98	31.7	26.1	5.4	0	4	7	25	41	19	1	1	0	0	0	0
10:00	123	30.6	26.4	4.2	0	1	7	30	67	17	1	0	0	0	0	0
11:00	119	30.7	26.6	4.0	0	0	3	39	56	19	2	0	0	0	0	0
12:00	125	30.2	25.7	4.5	0	3	7	38	65	16	0	0	0	0	0	0
13:00	87	31.1	26.5	4.5	0	1	3	28	38	15	2	0	0	0	0	0
14:00	97	30.5	25.6	4.8	0	3	8	27	44	15	0	0	0	0	0	0
15:00	101	30.8	25.9	4.7	0	3	4	33	45	14	1	0	0	0	0	0
16:00	106	31.2	26.2	4.8	0	2	7	32	43	20	2	0	0	0	0	0
17:00	102	31.4	25.7	5.5	1	5	8	21	46	17	1	0	0	0	0	0
18:00	51	31.3	25.0	6.1	0	7	0	15	19	10	0	0	0	0	0	0
19:00	42	31.2	26.4	4.6	0	1	1	13	19	7	1	0	0	0	0	0
20:00	26	28.0	23.1	4.8	0	2	4	9	11	0	0	0	0	0	0	0
21:00	33	32.2	26.6	5.4	0	1	2	9	12	8	1	0	0	0	0	0
22:00	22	31.8	25.5	7.0	0	3	1	9	3	5	1	0	0	0	0	0
Total																
2504:10	221	31.1	26.3	4.7	0	5	14	55	108	36	2	1	0	0	0	0
2504:15	188	30.8	26.0	4.6	0	1	11	55	82	36	1	0	0	0	0	0
2504:20	125	31.1	26.1	4.7	0	1	28	71	75	35	3	1	0	0	0	0
2504:25	1528	31.1	25.8	5.2	2	64	303	419	672	241	23	4	0	0	0	0
AM Peak 11:00	00:00	00:00	00:00	00:00	02:00	06:00	06:00	11:00	11:00	17:00	17:00	23:00	23:00	00:00	00:00	00:00
PM Peak 12:00	12:00	22:00	22:00	22:00	18:00	19:00	19:00	12:00	13:00	17:00	12:00	12:00	12:00	12:00	12:00	12:00



North Wales ATC 22, Flordd William Morgan

01/05/2022																
Direction: Northbound																
Hour Beginning	Total Volume	ESD Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-15	Bin 3 15-20	Bin 4 20-25	Bin 5 25-30	Bin 6 30-35	Bin 7 35-40	Bin 8 40-45	Bin 9 45-50	Bin 10 50-55	Bin 11 55-60	Bin 12 >=60
00:00	8	31.4	23.8	7.3	1	0	0	1	5	1	0	0	0	0	0	0
01:00	9	29.4	22.5	6.6	0	2	0	4	2	1	0	0	0	0	0	0
02:00	4	23.8	21.3	2.5	0	1	3	0	1	0	0	0	0	0	0	0
03:00	7	33.0	24.6	8.1	0	1	1	1	3	0	1	0	0	0	0	0
04:00	5	28.8	26.5	2.2	0	0	0	1	4	0	0	0	0	0	0	0
05:00	6	36.0	28.3	7.4	0	0	1	1	1	1	2	1	0	0	0	0
06:00	18	29.4	22.2	7.0	0	3	4	5	4	1	1	0	0	0	0	0
07:00	16	30.1	22.2	7.6	0	5	1	5	6	2	0	0	0	0	0	0
08:00	20	31.1	27.0	3.9	0	0	1	4	11	4	0	0	0	0	0	0
09:00	30	31.2	26.3	4.7	0	1	0	9	17	1	1	2	0	0	0	0
10:00	45	31.2	27.1	4.0	0	0	2	9	26	7	1	0	0	0	0	0
11:00	55	30.9	26.4	4.4	0	0	3	18	23	10	1	0	0	0	0	0
12:00	42	30.0	26.2	3.7	0	0	3	9	26	4	0	0	0	0	0	0
13:00	62	30.1	25.4	4.5	0	2	2	25	24	9	0	0	0	0	0	0
14:00	56	30.8	25.6	5.0	0	3	3	15	26	9	0	0	0	0	0	0
15:00	49	32.4	27.0	5.2	0	2	2	8	26	10	0	1	0	0	0	0
16:00	46	32.0	26.4	5.4	0	2	3	10	20	10	1	0	0	0	0	0
17:00	58	32.0	25.7	6.1	0	7	2	8	30	10	1	0	0	0	0	0
18:00	50	32.4	25.2	6.9	0	9	0	10	17	14	0	0	0	0	0	0
19:00	23	31.5	25.3	6.0	0	3	1	2	14	3	0	0	0	0	0	0
20:00	18	33.5	28.9	4.5	0	0	1	1	9	6	1	0	0	0	0	0
21:00	7	34.7	29.6	4.9	0	0	0	1	3	2	1	0	0	0	0	0
22:00	10	32.4	27.5	4.7	0	0	1	1	5	3	0	0	0	0	0	0
23:00	9	28.5	23.1	5.3	0	1	1	3	4	0	0	0	0	0	0	0
Total																
2H(10-12)	100	31.0	26.7	4.2	0	0	5	27	49	17	2	0	0	0	0	0
2H(14-16)	105	31.6	26.3	5.1	0	5	5	23	52	19	0	1	0	0	0	0
12H(7-19)	129	31.4	26.0	5.2	0	31	22	127	252	99	6	1	0	0	0	0
24H(0-24)	653	31.5	25.9	5.4	1	41	33	153	304	109	11	1	0	0	0	0
AM Peak	11:00	05:00	05:00	05:00	00:00	07:00	06:00	11:00	10:00	11:00	09:00	00:00	00:00	00:00	00:00	00:00
	55	36.9	28.3	8.1	1	5	4	18	26	10	2	0	0	0	0	0
PM Peak	13:00	21:00	21:00	18:00	12:00	18:00	12:00	13:00	17:00	18:00	16:00	15:00	12:00	12:00	12:00	12:00
	62	36.7	28.6	6.9	0	9	3	23	35	14	1	1	0	0	0	0

360 TSL Ltd

Direction: Southbound																
Hour Beginning	Total Volume	ESD Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-15	Bin 3 15-20	Bin 4 20-25	Bin 5 25-30	Bin 6 30-35	Bin 7 35-40	Bin 8 40-45	Bin 9 45-50	Bin 10 50-55	Bin 11 55-60	Bin 12 >=60
00:00	8	34.4	26.9	7.3	0	1	0	1	4	3	1	0	0	0	0	0
01:00	7	28.0	23.9	4.8	0	0	2	1	4	0	0	0	0	0	0	0
02:00	3	32.2	29.2	2.9	0	0	0	0	2	1	0	0	0	0	0	0
03:00	2	24.8	17.5	7.1	0	1	0	1	0	0	0	0	0	0	0	0
04:00	1	-	17.5	-	0	0	1	0	0	0	0	0	0	0	0	0
05:00	11	37.4	29.3	7.8	0	1	0	2	2	3	2	0	0	0	0	0
06:00	40	28.3	23.0	6.1	0	6	9	12	9	4	0	0	0	0	0	0
07:00	38	29.2	23.8	5.2	0	2	6	14	12	4	0	0	0	0	0	0
08:00	31	30.4	25.4	4.8	0	2	0	11	14	0	0	0	0	0	0	0
09:00	40	29.0	24.8	4.1	0	0	4	18	14	4	0	0	0	0	0	0
10:00	59	29.1	24.1	4.8	0	3	5	27	18.1	4.8	0	0	0	0	0	0
11:00	51	28.3	24.0	4.2	0	2	5	21	22	1	0	0	0	0	0	0
12:00	37	30.0	26.0	3.9	0	1	0	12	20	4	0	0	0	0	0	0
13:00	57	28.7	23.5	5.0	0	4	8	22	19	0	0	0	0	0	0	0
14:00	48	28.6	23.5	4.9	0	3	6	20	16	3	0	0	0	0	0	0
15:00	45	30.3	25.4	4.7	0	1	5	11	24	5	1	0	0	0	0	0
16:00	49	30.4	26.0	4.2	0	1	2	14	27	4	1	0	0	0	0	0
17:00	56	28.4	23.4	4.9	0	3	9	23	17	4	0	0	0	0	0	0
18:00	46	28.6	22.6	6.7	0	10	3	13	15	3	1	0	0	0	0	0
19:00	17	30.0	25.4	4.4	0	1	0	5	10	1	0	0	0	0	0	0
20:00	10	32.7	27.0	5.5	0	0	1	2	5	1	0	0	0	0	0	0
21:00	7	31.8	28.2	3.5	0	0	0	1	4	2	0	0	0	0	0	0
22:00	3	28.8	22.8	2.9	0	0	0	1	2	0	0	0	0	0	0	0
23:00	8	28.2	24.4	3.7	0	0	1	3	4	0	0	0	0	0	0	0
Total																
2H(10-12)	110	28.7	24.0	4.5	0	5	10	48	40	7	0	0	0	0	0	0
2H(14-16)	93	29.4	24.4	4.8	0	4	11	31	40	6	1	0	0	0	0	0
12H(7-19)	556	29.4	24.3	4.9	0	32	53	206	218	44	3	0	0	0	0	0
24H(0-24)	673	29.7	24.4	5.1	0	42	67	235	264	57	8	0	0	0	0	0
AM Peak	10:00	05:00	05:00	05:00	00:00	06:00	06:00	10:00	11:00	10:00	05:00	00:00	00:00	00:00	00:00	00:00
	59	37.4	29.3	7.8	0	6	9	27	22	6	3	0	0	0	0	0
PM Peak	13:00	20:00	21:00	18:00	12:00	18:00	17:00	17:00	16:00	13:00	15:00	12:00	12:00	12:00	12:00	12:00
	57	36.7	28.2	6.7	0	10	9	25	27	6	1	0	0	0	0	0

360 TSL Ltd

Direction: Total Flow																
Hour Beginning	Total Volume	ESD Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-15	Bin 3 15-20	Bin 4 20-25	Bin 5 25-30	Bin 6 30-35	Bin 7 35-40	Bin 8 40-45	Bin 9 45-50	Bin 10 50-55	Bin 11 55-60	Bin 12 >=60
00:00	16	32.8	25.3	7.2	1	1	0	4	7	2	1	0	0	0	0	0
01:00	16	29.1	23.1	5.7	0	2	2	5	6	3	0	0	0	0	0	0
02:00	7	29.7	24.6	4.9	0	0	1	3	2	1	0	0	0	0	0	0
03:00	9	31.4	23.1	8.1	0	2	1	2	3	0	1	0	0	0	0	0
04:00	6	29.3	25.0	4.2	0	0	1	1	4	0	0	0	0	0	0	0
05:00	17	36.7	29.0	7.5	0	1	1	3	3	5	4	0	0	0	0	0
06:00	58	28.6	23.1	6.3	0	9	13	17	11	5	1	0	0	0	0	0
07:00	54	29.3	23.3	6.0	0	7	7	16	18	6	0	0	0	0	0	0
08:00	51	30.7	26.0	4.5	0	2	1	15	25	8	0	0	0	0	0	0
09:00	70	30.0	25.4	4.4	0	3	7	36	31	4	0	0	0	0	0	0
10:00	104	30.2	25.4	4.7	0	3	7	36	44	13	1	0	0	0	0	0
11:00	100	29.8	25.2	4.4	0	2	8	39	45	11	1	0	0	0	0	0
12:00	79	30.0	26.1	3.7	0	1	3	21	46	8	0	0	0	0	0	0
13:00	119	29.5	24.9	4.8	0	5	10	47	43	13	0	0	0	0	0	0
14:00	104	29.0	24.7	5.0	0	6	9	35	42	12	0	0	0	0	0	0
15:00	94	31.4	26.2	5.0	0	3	7	19	50	13	1	1	0	0	0	0
16:00	95	31.2	26.2	4.8	0	3	5	24	47	14	2	0	0	0	0	0
17:00	114	30.4	24.6	5.6	0	10	11	31	47	14	1	0	0	0	0	0
18:00	95	31.1	24.0	6.9	0	19	3	23	32	17	1	1	0	0	0	0
19:00	40	30.9	25.4	5.3	0	4	1	7	24	4	0	0	0	0	0	0
20:00	28	33.2	28.2	4.9	0	0	2	3	14	7	2	0	0	0	0	0
21:00	14	33.2	28.9	4.1	0	0	0	2	7	1	0	0	0	0	0	0
22:00	13	31.6	27.1	4.9	0	0	1	2	7	3	0	0	0	0	0	0
23:00	17	38.4	23.7	4.5	0	1	2	6	8	0	0	0	0	0	0	0
Total																
20610-21000	210	30.0	25.3	4.5	0	5	5	15	75	89	24	0	0	0	0	0
21000-21300	208	30.7	25.4	5.1	0	9	9	24	47	92	25	1	0	0	0	0
21300-21600	208	30.6	25.1	5.1	0	63	75	333	470	134	1	0	0	0	0	0
21600-24000	1126	30.6	25.1	5.3	1	83	50	388	568	166	19	1	0	0	0	0
Avg Peak	11:00	05:00	05:00	00:00	00:00	06:00	06:00	11:00	11:00	05:00	00:00	00:00	00:00	00:00	00:00	00:00
	11:00	05:00	05:00	00:00	00:00	06:00	06:00	11:00	11:00	05:00	00:00	00:00	00:00	00:00	00:00	00:00
Pct Peak	11:00	20:00	71:00	71:00	12:00	18:00	17:00	13:00	15:00	18:00	16:00	15:00	12:00	12:00	12:00	12:00
	11%	32%	28.9%	6.9%	0%	3%	3%	47%	50%	37%	2%	1%	0%	0%	0%	0%



North Wales ATC 22, Flordd William Morgan

Direction: Northbound																	02/05/2022
Hour	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 10-15m	Bin 2 15-20m	Bin 3 20-25m	Bin 4 25-30m	Bin 5 30-35m	Bin 6 35-40m	Bin 7 40-45m	Bin 8 45-50m	Bin 9 50-55m	Bin 10 55-60m	Bin 11 60-65m	Bin 12 65-70m	
00:00	6	33.4	26.3	4.9	0	0	0	0	1	4	0	1	0	0	0	0	
01:00	4	26.7	22.5	4.1	0	0	0	1	2	1	0	0	0	0	0	0	
02:00	12	36.7	26.7	11.4	0	1	2	3	3	2	0	0	0	0	0	0	
03:00	5	28.8	19.6	8.9	1	1	0	1	2	0	0	0	0	0	0	0	
04:00	8	30.5	24.4	5.9	0	0	0	5	1	0	1	1	0	1	0	0	
05:00	11	35.5	27.5	7.7	0	1	0	4	1	3	2	0	0	0	0	0	
06:00	26	29.6	22.7	6.7	0	5	3	7	9	1	1	0	0	0	0	0	
07:00	18	34.1	27.6	6.1	0	1	1	2	7	6	1	0	0	0	0	0	
08:00	26	31.6	25.4	6.0	1	0	3	6	12	3	1	0	0	0	0	0	
09:00	28	32.7	27.9	4.7	0	0	5	5	12	10	0	0	0	0	0	0	
10:00	40	31.5	26.8	4.6	0	0	5	5	21	9	0	0	0	0	0	0	
11:00	58	30.5	25.7	4.7	0	1	7	12	30	8	0	0	0	0	0	0	
12:00	60	32.0	27.4	4.5	0	1	8	8	33	14	1	0	0	0	0	0	
13:00	43	32.3	27.8	4.3	0	0	2	6	24	9	2	0	0	0	0	0	
14:00	43	31.8	26.5	5.2	0	2	1	12	18	9	1	0	0	0	0	0	
15:00	54	34.0	29.0	4.8	0	1	1	5	25	19	2	1	0	0	0	0	
16:00	51	32.4	26.4	5.8	0	4	4	11	27	13	2	0	0	0	0	0	
17:00	52	32.8	27.6	5.1	1	1	0	9	25	15	1	0	0	0	0	0	
18:00	65	31.6	25.0	6.4	0	9	3	14	26	12	1	0	0	0	0	0	
19:00	30	32.0	26.7	5.1	0	2	1	3	18	6	0	0	0	0	0	0	
20:00	13	33.8	28.3	5.3	0	1	0	0	7	5	0	0	0	0	0	0	
21:00	8	32.3	28.1	5.0	0	0	1	0	4	3	0	0	0	0	0	0	
22:00	11	32.9	28.4	4.4	0	0	1	0	6	4	0	0	0	0	0	0	
23:00	9	35.8	28.1	8.5	0	1	1	0	3	2	2	0	0	0	0	0	
Total																	
2H(10-12)	98	30.9	26.1	4.6	0	1	12	17	51	17	0	0	0	0	0	0	
2H(14-16)	97	33.2	27.9	5.1	0	3	2	17	43	28	3	1	0	0	0	0	
12H(7-19)	148	32.3	26.8	7.1	2	21	30	95	260	107	12	1	0	0	0	0	
24H(0-24)	691	32.5	26.7	5.7	3	33	41	121	319	153	19	1	0	0	1	0	
AM Peak	11:00	02:00	03:00	02:00	03:00	06:00	06:00	11:00	11:00	11:00	05:00	00:00	00:00	00:00	02:00	00:00	
PM Peak	18:00	23:00	15:00	23:00	17:00	18:00	16:00	18:00	12:00	15:00	13:00	15:00	12:00	12:00	12:00	12:00	
	58	38.5	28.3	11.4	1	5	7	12	30	10	2	0	0	0	0	1	
	65	35.8	25.0	8.5	1	9	4	14	35	19	2	1	0	0	0	0	

360 TSL Ltd

Direction: Southbound																
Hour Beginning	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 10-15m	Bin 2 15-20m	Bin 3 20-25m	Bin 4 25-30m	Bin 5 30-35m	Bin 6 35-40m	Bin 7 40-45m	Bin 8 45-50m	Bin 9 50-55m	Bin 10 55-60m	Bin 11 60-65m	Bin 12 65-70m
00:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
01:00	9	32.7	27.5	5.0	0	0	1	1	0	0	0	0	0	0	0	0
02:00	1	-	32.5	-	0	0	0	0	0	1	0	0	0	0	0	0
03:00	2	28.7	25.0	8.5	0	0	0	0	1	1	0	0	0	0	0	0
04:00	5	31.2	27.5	3.5	0	0	0	1	3	1	0	0	0	0	0	0
05:00	43	35.3	31.7	3.4	0	0	0	0	0	4	7	2	0	0	0	0
06:00	43	29.8	24.0	5.6	1	2	1	6	12	18	4	0	0	0	0	0
07:00	48	29.5	24.1	5.3	0	3	8	11	24	1	1	0	0	0	0	0
08:00	18	30.8	23.8	6.7	0	6	5	7	13	7	0	0	0	0	0	0
09:00	31	32.5	28.0	4.4	0	0	0	8	14	7	2	0	0	0	0	0
10:00	40	30.3	25.5	4.6	0	1	3	13	17	6	0	0	0	0	0	0
11:00	45	30.2	24.5	5.5	0	4	3	14	20	3	1	0	0	0	0	0
12:00	68	29.2	24.4	4.6	0	2	9	23	29	5	0	0	0	0	0	0
13:00	63	30.8	26.3	4.4	0	2	2	12	37	9	0	0	0	0	0	0
14:00	58	29.6	25.2	4.3	0	1	6	17	29	5	0	0	0	0	0	0
15:00	70	29.9	26.1	5.7	0	3	22	38	6	1	0	0	0	0	0	0
16:00	136	31.3	26.7	4.4	0	3	2	41	57	33	0	0	0	0	0	0
17:00	97	30.1	25.2	4.7	0	1	14	25	46	10	1	0	0	0	0	0
18:00	130	29.6	24.7	4.8	0	4	16	45	60	15	0	0	0	0	0	0
19:00	25	30.2	26.5	3.5	0	0	1	6	15	3	0	0	0	0	0	0
20:00	17	34.6	28.7	5.7	0	1	3	6	1	0	1	0	0	0	0	0
21:00	12	28.2	23.8	4.3	0	0	2	6	3	1	0	0	0	0	0	0
22:00	6	28.8	26.7	2.0	0	0	0	1	5	0	0	0	0	0	0	0
23:00	2	27.5	27.5	0.0	0	0	0	0	2	0	0	0	0	0	0	0
Total																
2H(10-12)	85	30.3	25.0	5.1	0	5	6	26	37	9	1	0	0	0	0	0
2H(14-16)	128	29.8	25.7	4.0	0	1	9	38	67	11	1	0	0	0	0	0
12H(7-19)	824	30.4	25.4	4.8	0	27	72	238	374	107	6	0	0	0	0	0
24H(0-24)	959	30.6	25.6	4.9	1	29	83	269	435	133	8	1	0	0	0	0
AM Peak	07:00	05:00	02:00	08:00	06:00	08:00	07:00	11:00	07:00	05:00	05:00	00:00	00:00	00:00	00:00	00:00
	48	35.1	32.5	8.7	1	6	8	14	34	7	2	0	0	0	0	0
PM Peak	16:00	20:00	20:00	20:00	12:00	18:00	18:00	18:00	16:00	16:00	15:00	30:00	12:00	12:00	12:00	12:00
	136	34.6	28.7	5.7	0	4	16	46	57	33	1	1	0	0	0	0

360 TSL Ltd

Direction: Total Flow																
Hour Beginning	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 10-15m	Bin 2 15-20m	Bin 3 20-25m	Bin 4 25-30m	Bin 5 30-35m	Bin 6 35-40m	Bin 7 40-45m	Bin 8 45-50m	Bin 9 50-55m	Bin 10 55-60m	Bin 11 60-65m	Bin 12 65-70m
00:00	6	33.4	26.3	4.9	0	0	0	1	4	0	1	0	0	0	0	0
01:00	13	31.3	26.0	5.2	0	0	2	3	5	3	0	0	0	0	0	0
02:00	13	38.4	27.1	11.1	0	1	2	3	3	3	0	0	0	0	0	0
03:00	7	29.3	21.1	7.9	1	1	0	2	3	0	0	0	0	0	0	0
04:00	13	31.0	25.6	5.2	0	0	0	6	4	1	1	0	0	0	0	0
05:00	24	36.1	29.8	6.1	0	1	0	4	5	10	4	0	0	0	0	0
06:00	68	29.8	23.5	6.0	1	7	9	18	27	5	1	0	0	0	0	0
07:00	66	31.0	25.1	5.7	0	4	9	13	31	7	2	0	0	0	0	0
08:00	64	31.1	24.5	6.4	1	6	8	13	25	10	1	0	0	0	0	0
09:00	59	32.6	27.9	4.5	0	1	0	13	26	17	2	0	0	0	0	0
10:00	80	30.9	26.1	4.6	0	1	8	18	38	15	0	0	0	0	0	0
11:00	103	30.4	25.2	5.0	0	5	10	26	50	11	1	0	0	0	0	0
12:00	128	30.7	25.8	4.7	0	3	12	31	62	19	1	0	0	0	0	0
13:00	106	31.5	26.9	4.4	0	2	5	5	18	65	18	2	0	0	0	0
14:00	101	30.6	25.7	4.7	0	3	7	29	47	14	1	0	0	0	0	0
15:00	124	32.0	27.3	4.5	0	1	4	27	63	25	3	1	0	0	0	0
16:00	107	31.7	26.6	4.8	0	7	6	52	84	46	1	0	0	0	0	0
17:00	149	31.2	26.1	4.9	1	2	14	34	71	25	2	0	0	0	0	0
18:00	195	30.3	24.8	5.4	0	13	19	59	76	27	1	0	0	0	0	0
19:00	55	31.2	26.6	4.4	0	2	2	9	33	9	0	0	0	0	0	0
20:00	30	34.2	28.5	5.5	0	1	1	3	13	11	0	1	0	0	0	0
21:00	20	30.7	25.1	5.0	0	0	3	6	7	4	0	0	0	0	0	0
22:00	17	31.7	27.8	3.7	0	0	1	1	11	4	0	0	0	0	0	0
23:00	11	31.5	28.0	3.6	0	1	0	1	3	7	2	0	0	0	0	0
<hr/>																
Total																
2PM-3PM	183	30.6	25.6	4.9	0	6	18	44	88	26	1	0	0	0	0	0
3PM-4PM	325	31.4	26.6	4.6	0	7	21	56	112	39	4	0	0	0	0	0
4PM-5PM	1372	31.2	26.0	5.0	2	48	102	333	634	234	18	0	0	0	0	0
5PM-6PM	8100	31.4	26.0	5.2	4	62	124	390	754	286	27	2	0	0	0	0
<hr/>																
AM Peak	11:00	12:00	05:00	06:00	11:00	11:00	11:00	11:00	11:00	05:00	05:00	05:00	05:00	02:00	02:00	00:00
	16	30.8	26.6	5.1	1	1	0	1	1	0	0	0	0	0	0	0
<hr/>																
PM Peak	16:00	23:00	20:00	21:00	17:00	18:00	18:00	18:00	16:00	16:00	15:00	15:00	12:00	12:00	12:00	12:00
	37	35.8	28.5	7.6	1	13	19	99	84	46	3	1	0	0	0	0



North Wales ATC 22, Flordd William Morgan

Direction: Northbound															03/05/2022	
Hour Beginning	Total Volume	ESD Percentile	Mean Average	Standard Deviation	Bin 1 10-15	Bin 2 15-20	Bin 3 20-25	Bin 4 25-30	Bin 5 30-35	Bin 6 35-40	Bin 7 40-45	Bin 8 45-50	Bin 9 50-55	Bin 10 55-60	Bin 11 60-65	Bin 12 65-70
00:00	16	25.4	26.6	5.8	0	1	0	2	1	0	0	0	0	0	0	0
01:00	4	30.3	23.8	6.3	0	0	1	2	0	1	0	0	0	0	0	0
02:00	4	32.7	4.1	0	0	0	1	2	1	0	0	0	0	0	0	0
03:00	10	27.0	20.6	6.2	1	1	1	5	2	0	0	0	0	0	0	0
04:00	5	32.7	21.6	10.7	1	1	0	0	2	1	0	0	0	0	0	0
05:00	15	31.9	28.8	3.0	0	0	0	1	9	1	0	0	0	0	0	0
06:00	46	32.0	23.7	8.0	1	11	1	8	15	8	2	0	0	0	0	0
07:00	96	31.4	27.1	4.1	0	2	1	21	52	19	1	0	0	0	0	0
08:00	172	31.6	27.5	3.9	0	2	3	26	105	34	1	1	0	0	0	0
09:00	141	31.2	26.8	4.2	1	2	5	25	81	25	0	0	0	0	0	0
10:00	121	30.2	26.2	3.8	0	1	5	34	65	16	0	0	0	0	0	0
11:00	127	30.5	26.5	3.8	0	1	3	36	68	18	1	0	0	0	0	0
12:00	206	30.2	26.1	3.9	0	3	6	63	107	27	0	0	0	0	0	0
13:00	184	31.1	26.8	4.2	0	3	4	47	96	31	3	0	0	0	0	0
14:00	300	30.7	27.4	3.2	0	1	1	34	132	31	1	0	0	0	0	0
15:00	240	31.2	26.9	4.1	1	2	5	59	127	43	3	0	0	0	0	0
16:00	402	30.7	26.6	4.1	0	10	8	152	254	76	2	0	0	0	0	0
17:00	548	31.0	26.7	4.1	0	16	16	180	344	81	1	0	0	0	0	0
18:00	209	31.6	26.0	5.3	0	6	7	23	52	19	2	0	0	0	0	0
19:00	44	33.0	25.9	6.8	0	4	6	4	18	11	0	0	0	0	0	0
20:00	35	32.7	26.6	5.9	0	0	6	5	16	6	1	1	0	0	0	0
21:00	51	31.0	29.1	3.8	0	0	1	3	29	15	3	0	0	0	0	0
22:00	17	33.5	26.3	7.0	0	1	1	6	4	4	0	1	0	0	0	0
23:00	19	31.6	25.9	6.5	0	2	2	4	8	2	1	0	0	0	0	0
Total																
2H(18-12)	248	30.3	26.4	3.8	0	2	8	70	133	34	1	0	0	0	0	0
2H(14-16)	440	31.0	27.1	3.7	1	3	6	93	239	74	4	0	0	0	0	0
12H(7-19)	2626	30.9	26.7	4.1	2	49	44	590	1485	430	15	1	0	0	0	0
24H(0-24)	2892	31.2	26.6	4.4	5	70	83	634	1036	477	23	4	0	0	0	0
AM Peak	08:00	04:00	03:00	04:00	03:00	06:00	09:00	11:00	08:00	08:00	06:00	08:00	00:00	00:00	00:00	00:00
	172	32.7	28.8	10.7	1	11	5	36	105	34	2	1	0	0	0	0
PM Peak	17:00	22:00	21:00	22:00	15:00	17:00	17:00	16:00	17:00	17:00	13:00	19:00	12:00	12:00	12:00	12:00
	548	33.5	28.1	7.0	1	16	16	132	344	81	3	1	0	0	0	0

360 TSL Ltd

Direction: Southbound																
Hour Beginning	Total Volume	ESD Percentile	Mean Average	Standard Deviation	Bin 1 10-15	Bin 2 15-20	Bin 3 20-25	Bin 4 25-30	Bin 5 30-35	Bin 6 35-40	Bin 7 40-45	Bin 8 45-50	Bin 9 50-55	Bin 10 55-60	Bin 11 60-65	Bin 12 65-70
00:00	7	23.7	21.8	1.9	0	0	1	6	0	0	0	0	0	0	0	0
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	7	32.0	25.4	6.4	0	0	1	3	2	0	1	0	0	0	0	0
03:00	5	31.2	27.5	8.5	0	0	0	1	0	1	1	0	0	0	0	0
04:00	8	32.1	26.3	5.8	0	1	0	0	6	1	0	0	0	0	0	0
05:00	84	31.6	27.1	4.3	0	1	5	33	42	17	1	0	0	0	0	0
06:00	120	30.0	25.5	6.4	0	2	15	22	71	10	0	0	0	0	0	0
07:00	423	29.3	24.9	4.2	1	10	32	149	205	25	0	1	0	0	0	0
08:00	626	29.1	24.9	4.1	0	16	46	221	309	33	1	0	0	0	0	0
09:00	259	28.8	24.3	4.3	0	6	33	101	102	17	0	0	0	0	0	0
10:00	150	29.4	24.8	4.5	0	2	18	39	62	8	1	0	0	0	0	0
11:00	108	29.9	24.8	4.9	0	4	12	36	42	14	0	0	0	0	0	0
12:00	264	28.3	23.8	4.3	1	5	18	73	60	7	0	0	0	0	0	0
13:00	393	29.4	24.4	4.8	0	7	22	68	82	12	0	1	0	0	0	0
14:00	132	29.2	25.3	3.8	0	1	4	60	58	6	3	0	0	0	0	0
15:00	184	29.5	25.3	4.1	1	2	12	62	95	12	1	0	0	0	0	0
16:00	162	30.0	26.2	3.7	0	1	5	48	90	17	1	0	0	0	0	0
17:00	173	30.2	26.2	3.8	0	0	9	52	86	22	1	0	0	0	0	0
18:00	64	29.8	24.1	5.6	0	4	13	13	27	0	0	0	0	0	0	0
19:00	30	30.5	24.5	5.8	0	3	3	7	13	4	0	0	0	0	0	0
20:00	27	30.7	26.8	3.8	0	0	1	7	14	0	0	0	0	0	0	0
21:00	14	30.2	23.9	6.0	0	0	5	3	3	3	0	0	0	0	0	0
22:00	8	31.4	28.1	3.2	0	0	0	0	1	5	1	0	0	0	0	0
23:00	6	30.8	27.5	3.2	0	0	0	1	4	1	0	0	0	0	0	0
Total																
2H(18-12)	238	29.6	24.8	4.7	0	6	30	75	104	22	1	0	0	0	0	0
2H(14-16)	316	29.4	25.3	4.0	1	3	16	121	133	18	4	0	0	0	0	0
12H(7-19)	3618	29.4	24.9	4.3	3	58	224	922	1231	180	8	1	1	0	0	0
24H(0-24)	3934	29.5	25.0	4.3	3	65	295	986	1389	224	10	1	1	0	0	0
AM Peak	08:00	04:00	03:00	02:00	07:00	08:00	08:00	08:00	08:00	08:00	02:00	07:00	00:00	00:00	00:00	00:00
	173	32.1	27.5	6.4	1	16	46	221	309	33	1	1	0	0	0	0
PM Peak	13:00	22:00	23:00	21:00	12:00	13:00	13:00	12:00	15:00	17:00	14:00	13:00	12:00	12:00	12:00	12:00
	193	31.4	28.1	6.0	1	7	22	75	95	22	3	0	1	0	0	0

360 TSL Ltd

Direction: Total Flow																
Hour Beginning	Total Volume	ESD Percentile	Mean Average	Standard Deviation	Bin 1 10-15	Bin 2 15-20	Bin 3 20-25	Bin 4 25-30	Bin 5 30-35	Bin 6 35-40	Bin 7 40-45	Bin 8 45-50	Bin 9 50-55	Bin 10 55-60	Bin 11 60-65	Bin 12 65-70
00:00	23	30.7	25.1	5.4	0	1	1	11	6	3	1	0	0	0	0	0
01:00	4	30.3	23.8	6.3	0	0	1	2	0	1	0	0	0	0	0	0
02:00	11	31.9	26.1	5.5	0	0	1	4	4	1	1	0	0	0	0	0
03:00	15	29.4	22.9	6.3	1	1	1	6	5	1	0	0	0	0	0	0
04:00	13	32.7	24.5	8.0	0	1	2	0	0	8	2	0	0	0	0	0
05:00	99	31.7	27.3	4.2	0	1	5	14	56	22	1	0	0	0	0	0
06:00	166	30.9	25.0	5.7	1	13	36	86	36	18	2	0	0	0	0	0
07:00	519	29.8	25.3	4.3	1	12	33	170	257	44	1	1	0	0	0	0
08:00	788	29.8	25.5	4.2	0	18	49	247	434	67	2	1	0	0	0	0
09:00	400	29.8	25.2	4.5	1	8	38	126	185	42	0	0	0	0	0	0
10:00	261	29.8	25.5	4.2	0	3	23	73	127	24	1	0	0	0	0	0
11:00	192	30.2	25.7	4.4	0	5	15	72	120	32	1	0	0	0	0	0
12:00	370	29.5	25.1	4.3	1	8	24	136	167	34	0	0	0	0	0	0
13:00	377	30.4	25.6	4.7	0	10	26	136	178	43	3	0	0	0	0	0
14:00	332	30.3	26.5	3.6	0	2	5	94	100	37	4	0	0	0	0	0
15:00	424	30.5	26.2	4.2	2	4	17	120	222	55	4	0	0	0	0	0
16:00	644	30.5	26.4	4.0	0	11	13	180	344	93	0	0	0	0	0	0
17:00	721	30.8	26.6	4.1	0	16	25	142	433	103	2	0	0	0	0	0
18:00	373	31.6	25.3	5.5	0	10	26	36	79	26	3	0	0	0	0	0
19:00	74	32.0	25.3	6.4	0	7	9	11	31	15	0	1	0	0	0	0
20:00	62	31.9	26.7	5.1	0	0	7	12	30	11	1	1	0	0	0	0
21:00	65	33.0	28.0	4.8	0	0	6	6	32	18	0	0	0	0	0	0
22:00	25	33.1	26.9	6.0	0	1	1	7	9	6	0	1	0	0	0	0
23:00	25	31.7	2													
Total																
20E10210	486	30.1	25.6	4.3	0	8	38	145	237	56	5	1	0	0	0	0
20E10215	766	29.3	26.3	3.9	2	6	22	214	442	92	8	0	0	0	0	0
20E10220	263	30.2	25.8	4.3	5	107	288	512	2006	60	23	2	1	1	0	0
20E10225	2444	30.7	25.8	4.3	0	107	288	512	2006	60	23	2	1	1	0	0
20E10230	1626	30.4	25.8	4.4	8	135	338	1620	2985	701	33	5	1	0	0	0
AM Peak	08:00	14:00	05:00	08:00	03:00	08:00	08:00	08:00	08:00	08:00	07:00	07:00	07:00	07:00	07:00	07:00
	16.8	8.8	8.8	8.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8
PM Peak	17:00	22:00	21:00	17:00	15:00	17:00	13:00	16:00	17:00	17:00	14:00	19:00	13:00	13:00	13:00	12:00
	721	33.1	28.0	4.4	2	36	26	380	432	102	4	1	1	0	0	0



North Wales ATC 22, Flordd William Morgan

Direction: Northbound															
04/05/2022															
Hour Beginning	Total Volume	ESD Percentile	Mean Average	Standard Deviation	Bin 1 10-15m	Bin 2 15-20m	Bin 3 20-25m	Bin 4 25-30m	Bin 5 30-35m	Bin 6 35-40m	Bin 7 40-45m	Bin 8 45-50m	Bin 9 50-55m	Bin 10 55-60m	Bin 12 60-65m
00:00	17	31.2	26.9	5.9	0	0	0	0	0	0	0	0	0	0	0
01:00	5	35.2	24.5	10.4	0	1	1	1	0	1	1	0	0	0	0
02:00	5	32.2	26.5	5.5	0	0	0	0	0	0	0	0	0	0	0
03:00	14	25.6	19.3	6.1	0	5	2	4	3	0	0	0	0	0	0
04:00	7	31.1	23.9	6.9	0	0	2	3	1	0	1	0	0	0	0
05:00	11	31.4	27.0	4.2	0	0	0	4	4	3	0	0	0	0	0
06:00	45	32.5	25.6	6.7	0	5	2	13	12	11	2	0	0	0	0
07:00	85	30.6	26.6	4.0	0	1	3	20	50	9	2	0	0	0	0
08:00	159	30.8	26.7	3.9	1	2	3	31	101	20	1	0	0	0	0
09:00	137	31.6	26.6	4.3	0	2	8	30	71	28	0	0	0	0	0
10:00	118	29.7	25.8	3.7	0	1	3	43	58	13	0	0	0	0	0
11:00	126	30.8	26.4	4.2	0	1	5	38	60	20	2	0	0	0	0
12:00	180	30.5	25.9	4.4	1	3	9	48	99	17	3	0	0	0	0
13:00	175	31.3	25.9	5.2	0	6	12	48	85	18	3	3	0	0	0
14:00	206	31.0	26.2	4.6	0	6	12	45	111	29	3	0	0	0	0
15:00	264	31.0	27.0	3.9	0	3	6	56	152	44	3	0	0	0	0
16:00	461	30.7	26.9	3.6	0	7	18	91	268	88	1	0	0	0	0
17:00	517	30.9	27.2	3.6	0	4	6	103	338	82	3	0	1	0	0
18:00	549	31.3	25.2	6.0	0	17	7	33	65	26	1	0	0	0	0
19:00	59	32.1	27.4	4.5	0	2	2	6	34	15	0	0	0	0	0
20:00	27	33.5	26.8	6.5	0	1	4	4	9	7	2	0	0	0	0
21:00	49	31.4	28.8	4.4	0	0	2	5	23	16	3	0	0	0	0
22:00	17	31.9	24.6	7.0	1	1	0	8	2	5	0	0	0	0	0
23:00	16	23.5	23.4	5.8	0	1	4	4	5	2	0	0	0	0	0
Total	244	30.3	26.1	4.0	0	2	8	81	118	33	2	0	0	0	0
2H(14-16)	470	31.1	26.7	4.2	0	9	18	101	263	73	6	0	0	0	0
12H(7-19)	2597	30.9	26.6	4.2	2	53	86	586	1478	372	22	3	1	0	0
24H(0-24)	2660	31.1	26.5	4.4	3	69	100	644	1501	437	31	3	1	0	0
AM Peak	08:00	01:00	03:00	05:00	08:00	03:00	09:00	10:00	08:00	09:00	06:00	00:00	00:00	00:00	00:00
PM Peak	17:00	20:00	21:00	22:00	12:00	18:00	13:00	17:00	17:00	17:00	12:00	13:00	17:00	12:00	12:00
	157	33.2	27.8	10.4	1	5	8	43	101	26	2	0	0	0	0
	157	33.5	28.8	7.0	1	17	12	103	338	82	3	3	1	0	0

360 TSL Ltd

Direction: Southbound															
Hour Beginning	Total Volume	ESD Percentile	Mean Average	Standard Deviation	Bin 1 10-15m	Bin 2 15-20m	Bin 3 20-25m	Bin 4 25-30m	Bin 5 30-35m	Bin 6 35-40m	Bin 7 40-45m	Bin 8 45-50m	Bin 9 50-55m	Bin 10 55-60m	Bin 12 60-65m
00:00	4	28.8	26.3	2.5	0	0	0	1	3	0	0	0	0	0	0
01:00	9	29.8	23.6	6.0	0	1	1	3	3	0	0	0	0	0	0
02:00	2	28.7	25.0	3.5	0	0	0	1	1	0	0	0	0	0	0
03:00	6	29.4	23.3	5.8	0	0	2	2	1	1	0	0	0	0	0
04:00	6	30.4	28.3	2.0	0	0	0	0	5	1	0	0	0	0	0
05:00	73	31.8	27.6	4.1	0	0	0	2	14	40	11	4	0	0	0
06:00	107	29.8	24.9	4.7	0	3	14	30	49	11	0	0	0	0	0
07:00	439	28.9	24.7	4.0	0	11	40	146	227	35	0	0	0	0	0
08:00	487	28.1	24.0	4.0	3	11	81	304	265	23	0	0	0	0	0
09:00	268	28.6	24.6	3.9	0	3	27	103	124	11	0	0	0	0	0
10:00	127	29.5	25.9	4.4	1	2	12	41	59	13	0	0	0	0	0
11:00	146	28.5	23.6	4.7	0	7	24	50	59	6	0	0	0	0	0
12:00	152	28.4	23.8	4.5	2	6	15	65	65	3	0	0	0	0	0
13:00	192	29.4	24.9	4.3	0	3	19	69	86	14	0	1	0	0	0
14:00	134	29.0	24.9	4.0	0	3	8	55	59	9	0	0	0	0	0
15:00	157	28.6	24.7	3.8	0	12	58	58	59	7	0	0	0	0	0
16:00	144	29.8	25.3	4.3	0	5	4	54	68	11	2	0	0	0	0
17:00	184	30.1	25.9	4.1	1	0	11	46	38	17	1	0	0	0	0
18:00	60	30.8	25.1	5.6	0	3	9	12	37	8	1	0	0	0	0
19:00	32	31.4	26.9	4.4	0	1	0	8	16	7	0	0	0	0	0
20:00	40	32.4	27.6	4.6	0	1	1	7	18	13	0	0	0	0	0
21:00	15	29.8	25.5	4.1	0	0	1	6	6	2	0	0	0	0	0
22:00	12	27.7	26.0	2.6	0	0	0	6	6	1	0	0	0	0	0
23:00	1	22.5			0	0	0	1	0	0	0	0	0	0	0
Total	273	29.0	24.2	4.6	1	9	36	93	118	16	0	0	0	0	0
2H(14-16)	273	28.8	24.8	3.9	0	4	20	113	118	16	0	0	0	0	0
12H(7-19)	2650	28.9	24.5	4.2	7	55	262	1001	1186	134	4	1	0	0	0
24H(0-24)	2957	29.1	24.7	4.3	7	61	283	1080	1336	141	8	1	0	0	0
AM Peak	08:00	01:00	04:00	05:00	08:00	07:00	08:00	08:00	08:00	08:00	05:00	00:00	00:00	00:00	00:00
PM Peak	17:00	20:00	20:00	18:00	12:00	13:00	13:00	13:00	17:00	17:00	16:00	13:00	12:00	12:00	12:00
	187	31.8	28.3	6.8	3	11	81	304	265	23	0	0	0	0	0
	192	32.4	27.6	5.6	2	6	12	69	88	17	2	1	0	0	0

360 TSL Ltd

Direction: Total Flow															
Hour Beginning	Total Volume	ESD Percentile	Mean Average	Standard Deviation	Bin 1 10-15m	Bin 2 15-20m	Bin 3 20-25m	Bin 4 25-30m	Bin 5 30-35m	Bin 6 35-40m	Bin 7 40-45m	Bin 8 45-50m	Bin 9 50-55m	Bin 10 55-60m	Bin 12 60-65m
00:00	21	30.6	26.8	3.6	0	0	0	7	10	4	0	0	0	0	0
01:00	14	31.6	23.9	7.4	0	2	2	4	3	2	1	0	0	0	0
02:00	7	31.0	26.1	4.8	0	0	1	1	4	1	0	0	0	0	0
03:00	20	26.9	20.5	6.2	0	5	4	6	4	1	0	0	0	0	0
04:00	13	31.7	26.0	5.5	0	0	2	3	6	1	1	0	0	0	0
05:00	84	31.8	27.5	4.1	0	0	2	18	46	14	4	0	0	0	0
06:00	152	30.7	25.1	5.4	0	8	16	43	81	22	2	0	0	0	0
07:00	124	29.3	25.0	4.1	0	12	43	166	277	24	2	0	0	0	0
08:00	846	28.8	24.5	4.2	4	13	84	335	366	43	1	0	0	0	0
09:00	495	29.5	25.3	4.1	0	5	35	133	195	37	0	0	0	0	0
10:00	245	29.6	25.3	4.1	1	3	15	86	117	23	0	0	0	0	0
11:00	172	29.8	24.9	4.7	0	9	29	98	129	26	1	0	0	0	0
12:00	312	29.7	24.9	4.6	3	9	24	109	164	20	3	0	0	0	0
13:00	387	30.3	25.4	4.8	0	9	31	117	171	34	3	4	0	0	0
14:00	340	30.3	25.7	4.4	0	9	20	100	170	38	3	0	0	0	0
15:00	401	30.3	26.2	4.0	0	4	18	134	211	51	3	0	0	0	0
16:00	605	30.6	26.5	3.9	0	12	10	145	356	79	3	0	0	0	0
17:00	701	30.7	26.9	3.7	1	4	17	149	426	99	4	0	1	0	0
18:00	599	31.2	25.1	5.8	0	20	16	45	91	34	12	0	0	0	0
19:00	91	31.8	27.2	4.4	0	3	2	14	50	22	0	0	0	0	0
20:00	67	32.9	27.3	5.4	0	2	5	11	27	20	2	0	0	0	0
21:00	44	32.8	28.0	4.6	0	0	3	11	29	18	3	0	0	0	0
22:00	29	30.5	24.8	5.5	1	1	0	14	8	5	0	0	0	0	0
23:00	17	29.2	23.4	5.7	0	1	4	5	5	2	0	0	0	0	0
Total	517	29.7	25.1	4.4	1	11	44	174	236	49	2	0	0	0	0
2H(14-16)	741	30.3	26.0	4.2	0	13	38	234	381	89	6	0	0	0	0
12H(7-19)	5247	30.0	25.5	4.3	9	108	342	1587	2644	506	26	4	1	0	0
24H(0-24)	5826	30.2	25.6	4.4	10	130	383	1724	2917	618	39	4	1	0	0
AM Peak	08:00	01:00	05:00	10:00	08:00	08:00	08:00	08:00	08:00	05:00	00:00	00:00	00:00	00:00	00:00
PM Peak	17:00	20:00	21:00	08:00	12:00	08:00	13:00	17:00	17:00	17:00	17:00	13:00	17:00	12:00	12:00
	701	30.3	26.9	3.8	3	20	31	149	426	99	4	1	0	0	0



North Wales ATC 22, Ffordd William Morgan

Direction: Northbound

Hour Beginning	Thu 05/05/2022	Fri 06/05/2022	Sat 07/05/2022	Sun 08/05/2022	Mon 09/05/2022	Tue 10/05/2022	Wed 11/05/2022	5-Day Ave.	7-Day Ave.
00:00	18	16	9	9	9	9	11	13	12
01:00	10	7	2	2	7	5	8	7	6
02:00	5	3	5	6	10	1	7	5	5
03:00	7	11	9	10	4	9	7	8	8
04:00	8	9	9	10	5	4	8	7	8
05:00	17	16	9	8	12	8	7	12	11
06:00	51	48	28	22	52	49	53	51	49
07:00	111	82	21	31	82	86	83	89	71
08:00	207	162	45	20	163	195	198	185	141
09:00	134	138	46	34	96	135	133	127	102
10:00	119	91	63	65	94	113	135	110	97
11:00	129	164	79	60	104	116	153	133	115
12:00	194	285	69	73	155	203	160	199	163
13:00	180	220	67	57	180	154	186	184	149
14:00	150	200	46	43	147	196	145	168	132
15:00	263	225	45	56	202	227	269	237	184
16:00	502	395	48	69	578	528	475	496	371
17:00	550	266	49	68	490	525	569	480	360
18:00	141	78	63	44	149	127	136	126	105
19:00	95	46	29	35	66	42	87	67	57
20:00	39	46	14	12	41	31	39	39	32
21:00	63	31	8	10	50	49	71	53	40
22:00	16	14	19	15	13	16	19	16	16
23:00	22	24	10	9	10	17	24	19	17
Total									
12H(7-19)	2680	2306	641	620	2440	2605	2642	2535	1991
16H(6-22)	2928	2477	720	699	2649	2776	2892	2744	2163
18H(6-24)	2966	2515	749	723	2672	2809	2935	2779	2196
24H(0-24)	3031	2577	792	768	2719	2845	2983	2831	2245
AM Peak	08:00	11:00	11:00	10:00	08:00	08:00	08:00	08:00	08:00
	207	164	79	65	163	195	198	185	141
PM Peak	17:00	16:00	12:00	12:00	16:00	16:00	17:00	16:00	16:00
	550	395	69	73	578	528	569	496	371

360 TSL Ltd

Direction: Southbound

Hour Beginning	Thu 05/05/2022	Fri 06/05/2022	Sat 07/05/2022	Sun 08/05/2022	Mon 09/05/2022	Tue 10/05/2022	Wed 11/05/2022	5-Day Ave.	7-Day Ave.
00:00	8	3	3	2	1	3	7	4	4
01:00	3	4	11	4	5	0	4	3	4
02:00	2	0	1	10	5	1	2	2	3
03:00	6	7	3	7	1	2	3	4	4
04:00	9	11	4	3	11	7	9	9	8
05:00	79	64	18	6	77	76	75	74	56
06:00	116	105	52	44	106	103	114	109	91
07:00	411	383	50	49	434	448	445	424	317
08:00	656	565	62	40	609	667	652	630	464
09:00	242	183	62	50	223	247	278	235	184
10:00	128	134	45	68	97	128	151	128	107
11:00	138	131	61	69	120	139	176	141	119
12:00	156	139	45	57	129	147	244	163	131
13:00	169	162	64	55	177	165	170	169	137
14:00	150	118	39	52	158	136	147	142	114
15:00	176	132	64	59	152	129	187	155	128
16:00	177	136	59	72	137	171	173	159	132
17:00	188	139	54	75	183	155	197	172	142
18:00	118	49	54	44	89	61	127	89	77
19:00	52	35	26	27	34	21	48	38	35
20:00	30	22	20	15	28	36	25	28	25
21:00	19	17	13	17	11	11	15	15	15
22:00	5	6	13	10	7	6	7	6	8
23:00	2	11	7	1	7	8	3	6	6
Total									
12H(7-19)	2709	2271	659	690	2508	2593	2947	2606	2054
16H(6-22)	2926	2450	770	793	2687	2764	3149	2795	2220
18H(6-24)	2933	2467	790	804	2701	2778	3159	2808	2233
24H(0-24)	3040	2556	830	836	2801	2867	3259	2905	2313
AM Peak	08:00	08:00	08:00	11:00	08:00	08:00	08:00	08:00	08:00
	656	565	62	69	609	667	652	630	464
PM Peak	17:00	13:00	13:00	17:00	17:00	16:00	12:00	17:00	17:00
	188	162	64	75	183	171	244	172	142

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Thu 05/05/2022	Fri 06/05/2022	Sat 07/05/2022	Sun 08/05/2022	Mon 09/05/2022	Tue 10/05/2022	Wed 11/05/2022	5-Day Ave.	7-Day Ave.
00:00	26	19	12	11	10	12	18	17	15
01:00	13	11	13	6	12	5	12	11	10
02:00	7	3	6	16	15	2	9	7	8
03:00	13	18	12	17	5	11	10	11	12
04:00	17	20	13	13	16	11	17	16	15
05:00	96	80	27	14	89	84	82	86	67
06:00	167	153	80	66	158	152	167	159	135
07:00	522	465	71	80	516	534	528	513	388
08:00	863	727	107	60	772	862	850	815	606
09:00	376	321	108	84	319	382	411	362	286
10:00	247	225	108	133	191	241	286	238	204
11:00	267	295	140	129	224	255	329	274	234
12:00	350	424	114	130	284	350	404	362	294
13:00	349	382	131	112	357	319	356	353	287
14:00	300	318	85	95	305	332	292	309	247
15:00	439	357	109	115	354	356	456	392	312
16:00	679	531	107	141	715	699	648	654	503
17:00	738	405	103	143	673	680	766	652	501
18:00	259	127	117	88	238	188	263	215	183
19:00	147	81	55	62	100	63	135	105	92
20:00	69	68	34	27	69	67	64	67	57
21:00	82	48	21	27	61	60	86	67	55
22:00	21	20	32	25	20	22	26	22	24
23:00	24	35	17	10	17	25	27	26	22
Total									
12H(7-19)	5389	4577	1300	1310	4948	5198	5589	5140	4044
16H(6-22)	5854	4927	1490	1492	5336	5540	6041	5540	4383
18H(6-24)	5899	4982	1539	1527	5373	5587	6094	5587	4429
24H(0-24)	6071	5133	1622	1604	5520	5712	6242	5736	4558
AM Peak	08:00	08:00	11:00	10:00	08:00	08:00	08:00	08:00	08:00
	863	727	140	133	772	862	850	815	606
PM Peak	17:00	16:00	13:00	17:00	16:00	16:00	17:00	16:00	16:00
	738	531	131	143	715	699	766	654	503

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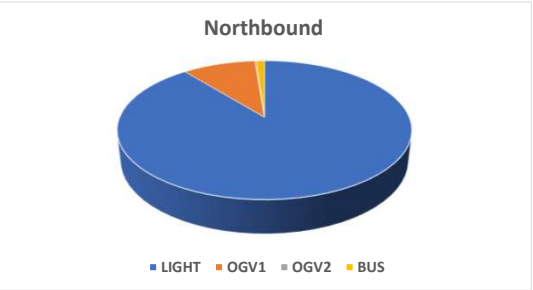
North Wales ATC 22, Ffordd William Morgan

Direction: Northbound

	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 5 May 2022	3031	2674	318	6	33
Fri 6 May 2022	2577	2278	265	4	30
Sat 7 May 2022	792	697	75	3	17
Sun 8 May 2022	768	721	47	0	0
Mon 9 May 2022	2719	2409	275	2	33
Tue 10 May 2022	2845	2549	262	8	26
Wed 11 May 2022	2983	2687	259	8	29
5 Day Ave.	2831	2519	276	6	30
7 Day Ave.	2245	2002	214	4	24

	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 5 May 2022	100.0%	88.2%	10.5%	0.2%	1.1%
Fri 6 May 2022	100.0%	88.4%	10.3%	0.2%	1.2%
Sat 7 May 2022	100.0%	88.0%	9.5%	0.4%	2.1%
Sun 8 May 2022	100.0%	93.9%	6.1%	0.0%	0.0%
Mon 9 May 2022	100.0%	88.6%	10.1%	0.1%	1.2%
Tue 10 May 2022	100.0%	89.6%	9.2%	0.3%	0.9%
Wed 11 May 2022	100.0%	90.1%	8.7%	0.3%	1.0%
5 Day Ave.	100.0%	89.0%	9.7%	0.2%	1.1%
7 Day Ave.	100.0%	89.2%	9.6%	0.2%	1.1%

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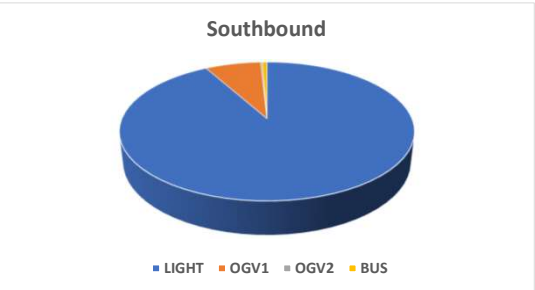


Direction: Southbound

	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 5 May 2022	3040	2773	245	6	16
Fri 6 May 2022	2556	2341	189	4	22
Sat 7 May 2022	830	752	65	1	12
Sun 8 May 2022	836	798	37	1	0
Mon 9 May 2022	2801	2557	221	9	14
Tue 10 May 2022	2867	2653	186	8	20
Wed 11 May 2022	3259	3002	235	6	16
5 Day Ave.	2905	2665	215	7	18
7 Day Ave.	2313	2125	168	5	14

	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 5 May 2022	100.0%	91.2%	8.1%	0.2%	0.5%
Fri 6 May 2022	100.0%	91.6%	7.4%	0.2%	0.9%
Sat 7 May 2022	100.0%	90.6%	7.8%	0.1%	1.4%
Sun 8 May 2022	100.0%	95.5%	4.4%	0.1%	0.0%
Mon 9 May 2022	100.0%	91.3%	7.9%	0.3%	0.5%
Tue 10 May 2022	100.0%	92.5%	6.5%	0.3%	0.7%
Wed 11 May 2022	100.0%	92.1%	7.2%	0.2%	0.5%
5 Day Ave.	100.0%	91.8%	7.4%	0.2%	0.6%
7 Day Ave.	100.0%	91.9%	7.3%	0.2%	0.6%

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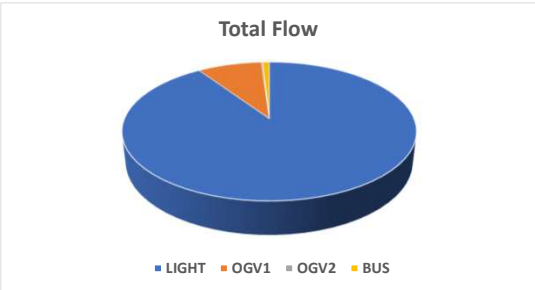


Direction: Total Flow

	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 5 May 2022	6071	5447	563	12	49
Fri 6 May 2022	5133	4619	454	8	52
Sat 7 May 2022	1622	1449	140	4	29
Sun 8 May 2022	1604	1519	84	1	0
Mon 9 May 2022	5520	4966	496	11	47
Tue 10 May 2022	5712	5202	448	16	46
Wed 11 May 2022	6242	5689	494	14	45
5 Day Ave.	5736	5185	491	12	48
7 Day Ave.	4558	4127	383	9	38

	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 5 May 2022	100.0%	89.7%	9.3%	0.2%	0.8%
Fri 6 May 2022	100.0%	90.0%	8.8%	0.2%	1.0%
Sat 7 May 2022	100.0%	89.3%	8.6%	0.2%	1.8%
Sun 8 May 2022	100.0%	94.7%	5.2%	0.1%	0.0%
Mon 9 May 2022	100.0%	90.0%	9.0%	0.2%	0.9%
Tue 10 May 2022	100.0%	91.1%	7.8%	0.3%	0.8%
Wed 11 May 2022	100.0%	91.1%	7.9%	0.2%	0.7%
5 Day Ave.	100.0%	90.4%	8.6%	0.2%	0.8%
7 Day Ave.	100.0%	90.6%	8.4%	0.2%	0.8%

360 TSL Ltd



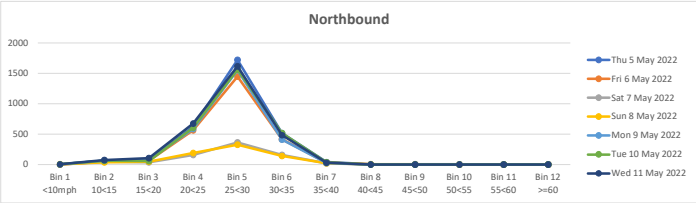


North Wales ATC 22, Ffordd William Morgan

Direction: Northbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<15	Bin 3 15<20	Bin 4 20<25	Bin 5 25<30	Bin 6 30<35	Bin 7 35<40	Bin 8 40<45	Bin 9 45<50	Bin 10 50<55	Bin 11 55<60	Bin 12 >=60
Thu 5 May 2022	3031	31.3	26.9	4.2	3	62	67	619	1721	518	39	2	0	0	0	0
Fri 6 May 2022	2577	31.1	26.8	4.2	0	49	64	564	1449	416	32	3	0	0	0	0
Sat 7 May 2022	792	32.6	26.5	5.9	1	50	36	158	363	159	18	0	5	2	0	0
Sun 8 May 2022	768	32.1	26.1	5.8	5	38	44	189	326	140	19	4	3	0	0	0
Mon 9 May 2022	2719	31.0	26.6	4.2	2	62	80	584	1554	410	25	1	1	0	0	0
Tue 10 May 2022	2845	31.3	26.9	4.2	3	61	58	607	1564	517	35	0	0	0	0	0
Wed 11 May 2022	2983	31.1	26.5	4.4	2	74	106	672	1616	483	29	1	0	0	0	0
5 Day Ave.	2831	31.2	26.8	4.2	2	62	75	609	1581	469	32	1	0	0	0	0
7 Day Ave.	2245	31.5	26.6	4.7	2	57	65	485	1228	378	28	2	1	0	0	0

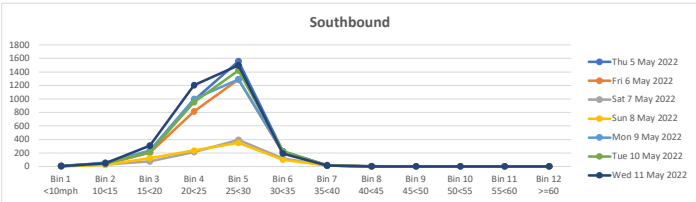
360 TSL Ltd



Direction: Southbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<15	Bin 3 15<20	Bin 4 20<25	Bin 5 25<30	Bin 6 30<35	Bin 7 35<40	Bin 8 40<45	Bin 9 45<50	Bin 10 50<55	Bin 11 55<60	Bin 12 >=60
Thu 5 May 2022	3040	29.7	25.4	4.1	6	47	206	980	1560	221	17	3	0	0	0	0
Fri 6 May 2022	2556	29.7	25.4	4.2	2	33	204	816	1287	197	16	0	1	0	0	0
Sat 7 May 2022	830	30.9	25.7	5.0	2	25	72	209	393	117	11	1	0	0	0	0
Sun 8 May 2022	836	30.3	25.0	5.1	1	23	120	233	347	100	12	0	0	0	0	0
Mon 9 May 2022	2801	29.4	25.0	4.2	3	54	234	998	1290	211	10	1	0	0	0	0
Tue 10 May 2022	2867	29.6	25.3	4.1	3	40	213	954	1421	223	12	1	0	0	0	0
Wed 11 May 2022	3259	29.1	24.8	4.1	4	45	306	1202	1498	190	13	1	0	0	0	0
5 Day Ave.	2905	29.5	25.2	4.2	4	44	233	990	1411	208	14	1	0	0	0	0
7 Day Ave.	2313	29.8	25.2	4.4	3	38	194	770	1114	180	13	1	0	0	0	0

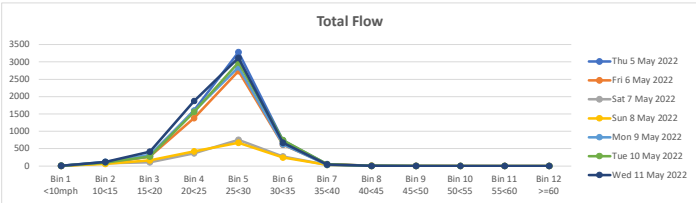
360 TSL Ltd



Direction: Total Flow

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<15	Bin 3 15<20	Bin 4 20<25	Bin 5 25<30	Bin 6 30<35	Bin 7 35<40	Bin 8 40<45	Bin 9 45<50	Bin 10 50<55	Bin 11 55<60	Bin 12 >=60
Thu 5 May 2022	6071	30.5	26.1	4.2	9	109	273	1599	3281	739	56	5	0	0	0	0
Fri 6 May 2022	5133	30.5	26.1	4.2	2	82	268	1380	2736	613	48	3	1	0	0	0
Sat 7 May 2022	1622	31.8	26.1	5.4	3	75	108	367	756	276	29	1	5	2	0	0
Sun 8 May 2022	1604	31.2	25.5	5.5	6	61	164	422	673	240	31	4	3	0	0	0
Mon 9 May 2022	5520	30.3	25.8	4.3	5	116	314	1582	2844	621	35	2	1	0	0	0
Tue 10 May 2022	5712	30.5	26.1	4.3	6	101	271	1561	2985	740	47	1	0	0	0	0
Wed 11 May 2022	6242	30.1	25.6	4.3	6	119	412	1874	3114	673	42	2	0	0	0	0
5 Day Ave.	5736	30.4	26.0	4.3	6	105	308	1599	2992	677	46	3	0	0	0	0
7 Day Ave.	4558	30.7	25.9	4.6	5	95	259	1255	2341	557	41	3	1	0	0	0

360 TSL Ltd





## North Wales ATC 22, Ffordd William Morgan

Direction: Northbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<15	Bin 3 15<20	Bin 4 20<25	Bin 5 25<30	Bin 6 30<35	Bin 7 35<40	Bin 8 40<45	Bin 9 45<50	Bin 10 50<55	Bin 11 55<60	Bin 12 >=60
Thu 5 May 2022	248	30.8	26.7	3.9	0	2	7	64	134	38	3	0	0	0	0	0
Fri 6 May 2022	255	29.9	26.3	3.5	0	1	9	68	151	26	0	0	0	0	0	0
Sat 7 May 2022	142	31.5	27.4	3.9	0	2	1	29	79	29	2	0	0	0	0	0
Sun 8 May 2022	125	31.6	26.5	4.9	1	2	7	29	59	25	2	0	0	0	0	0
Mon 9 May 2022	198	30.8	27.0	3.7	0	1	5	42	116	33	1	0	0	0	0	0
Tue 10 May 2022	229	31.5	27.2	4.2	0	2	3	61	112	44	7	0	0	0	0	0
Wed 11 May 2022	288	29.3	25.2	4.0	0	1	25	102	136	23	1	0	0	0	0	0
5 Day Ave.	244	30.5	26.5	3.9	0	1	10	67	130	33	2	0	0	0	0	0
7 Day Ave.	212	30.8	26.6	4.0	0	2	8	56	112	31	2	0	0	0	0	0

360 TSL Ltd

Direction: Southbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<15	Bin 3 15<20	Bin 4 20<25	Bin 5 25<30	Bin 6 30<35	Bin 7 35<40	Bin 8 40<45	Bin 9 45<50	Bin 10 50<55	Bin 11 55<60	Bin 12 >=60
Thu 5 May 2022	266	29.8	24.9	4.8	3	5	25	89	123	18	2	1	0	0	0	0
Fri 6 May 2022	265	29.4	24.9	4.4	0	6	24	98	114	22	1	0	0	0	0	0
Sat 7 May 2022	106	30.8	26.3	4.4	0	0	10	25	53	17	1	0	0	0	0	0
Sun 8 May 2022	137	30.8	25.4	5.2	0	5	18	29	64	19	2	0	0	0	0	0
Mon 9 May 2022	217	29.8	25.0	4.6	0	4	23	75	93	20	1	1	0	0	0	0
Tue 10 May 2022	267	29.5	25.1	4.2	1	2	22	101	114	26	1	0	0	0	0	0
Wed 11 May 2022	327	27.8	23.4	4.2	0	8	55	147	107	8	2	0	0	0	0	0
5 Day Ave.	268	29.2	24.6	4.4	1	5	30	102	110	19	1	0	0	0	0	0
7 Day Ave.	226	29.7	25.0	4.5	1	4	25	81	95	19	1	0	0	0	0	0

360 TSL Ltd

Direction: Total Flow

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<15	Bin 3 15<20	Bin 4 20<25	Bin 5 25<30	Bin 6 30<35	Bin 7 35<40	Bin 8 40<45	Bin 9 45<50	Bin 10 50<55	Bin 11 55<60	Bin 12 >=60
Thu 5 May 2022	514	30.4	25.7	4.5	3	7	32	153	257	56	5	1	0	0	0	0
Fri 6 May 2022	520	29.7	25.5	4.0	0	7	33	166	265	48	1	0	0	0	0	0
Sat 7 May 2022	248	31.2	26.9	4.2	0	2	11	54	132	46	3	0	0	0	0	0
Sun 8 May 2022	262	31.2	26.0	5.1	1	7	25	58	123	44	4	0	0	0	0	0
Mon 9 May 2022	415	30.4	26.0	4.3	0	5	28	117	209	53	2	1	0	0	0	0
Tue 10 May 2022	496	30.6	26.1	4.3	1	4	25	162	226	70	8	0	0	0	0	0
Wed 11 May 2022	615	28.6	24.3	4.2	0	9	80	249	243	31	3	0	0	0	0	0
5 Day Ave.	512	29.9	25.5	4.3	1	6	40	169	240	52	4	0	0	0	0	0
7 Day Ave.	439	30.3	25.8	4.4	1	6	33	137	208	50	4	0	0	0	0	0

360 TSL Ltd



## North Wales ATC 22, Ffordd William Morgan

Direction: Northbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<15	Bin 3 15<20	Bin 4 20<25	Bin 5 25<30	Bin 6 30<35	Bin 7 35<40	Bin 8 40<45	Bin 9 45<50	Bin 10 50<55	Bin 11 55<60	Bin 12 >=60
Thu 5 May 2022	413	31.4	26.9	4.4	0	11	8	92	217	81	4	0	0	0	0	0
Fri 6 May 2022	425	31.1	27.1	3.9	0	4	6	95	243	71	5	1	0	0	0	0
Sat 7 May 2022	91	33.0	27.5	5.3	0	4	0	17	47	19	3	0	1	0	0	0
Sun 8 May 2022	99	32.4	26.7	5.5	1	2	3	29	42	17	3	2	0	0	0	0
Mon 9 May 2022	349	30.7	26.4	4.1	1	3	12	95	186	48	4	0	0	0	0	0
Tue 10 May 2022	423	31.4	26.8	4.4	0	9	12	105	209	82	6	0	0	0	0	0
Wed 11 May 2022	414	31.3	26.6	4.6	0	16	9	94	217	74	4	0	0	0	0	0
5 Day Ave.	405	31.2	26.7	4.3	0	9	9	96	214	71	5	0	0	0	0	0
7 Day Ave.	316	31.6	26.8	4.6	0	7	7	75	166	56	4	0	0	0	0	0

360 TSL Ltd

Direction: Southbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<15	Bin 3 15<20	Bin 4 20<25	Bin 5 25<30	Bin 6 30<35	Bin 7 35<40	Bin 8 40<45	Bin 9 45<50	Bin 10 50<55	Bin 11 55<60	Bin 12 >=60
Thu 5 May 2022	326	28.9	24.9	3.8	0	2	29	122	154	19	0	0	0	0	0	0
Fri 6 May 2022	250	28.7	24.7	3.9	0	5	15	106	111	13	0	0	0	0	0	0
Sat 7 May 2022	103	29.9	25.3	4.5	0	3	7	34	47	12	0	0	0	0	0	0
Sun 8 May 2022	111	28.8	24.4	4.2	0	2	14	40	49	6	0	0	0	0	0	0
Mon 9 May 2022	310	28.7	24.4	4.2	1	4	32	138	113	21	1	0	0	0	0	0
Tue 10 May 2022	265	29.5	25.3	4.1	0	4	15	104	116	24	2	0	0	0	0	0
Wed 11 May 2022	334	28.8	24.8	3.8	0	2	29	136	147	20	0	0	0	0	0	0
5 Day Ave.	297	28.9	24.8	4.0	0	3	24	121	128	19	1	0	0	0	0	0
7 Day Ave.	243	29.1	24.8	4.1	0	3	20	97	105	16	0	0	0	0	0	0

360 TSL Ltd

Direction: Total Flow

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<15	Bin 3 15<20	Bin 4 20<25	Bin 5 25<30	Bin 6 30<35	Bin 7 35<40	Bin 8 40<45	Bin 9 45<50	Bin 10 50<55	Bin 11 55<60	Bin 12 >=60
Thu 5 May 2022	739	30.4	26.0	4.2	0	13	37	214	371	100	4	0	0	0	0	0
Fri 6 May 2022	675	30.4	26.2	4.0	0	9	21	201	354	84	5	1	0	0	0	0
Sat 7 May 2022	194	31.5	26.3	5.0	0	7	7	51	94	31	3	0	1	0	0	0
Sun 8 May 2022	210	30.7	25.5	5.0	1	4	17	69	91	23	3	2	0	0	0	0
Mon 9 May 2022	659	29.9	25.4	4.3	2	7	44	233	299	69	5	0	0	0	0	0
Tue 10 May 2022	688	30.7	26.2	4.4	0	13	27	209	325	106	8	0	0	0	0	0
Wed 11 May 2022	748	30.3	25.8	4.3	0	18	38	230	364	94	4	0	0	0	0	0
5 Day Ave.	702	30.3	25.9	4.2	0	12	33	217	343	91	5	0	0	0	0	0
7 Day Ave.	559	30.5	25.9	4.5	0	10	27	172	271	72	5	0	0	0	0	0

360 TSL Ltd



North Wales ATC 22, Ffordd William Morgan

Direction: Northbound

05/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	18	18	0	0	0
01:00	10	9	1	0	0
02:00	5	5	0	0	0
03:00	7	6	0	0	1
04:00	8	7	1	0	0
05:00	17	14	3	0	0
06:00	51	40	8	0	3
07:00	111	94	16	0	1
08:00	207	175	28	1	3
09:00	134	105	27	0	2
10:00	119	100	17	0	2
11:00	129	97	30	1	1
12:00	194	162	28	2	2
13:00	180	164	14	0	2
14:00	150	129	18	0	3
15:00	263	229	31	1	2
16:00	502	455	42	1	4
17:00	550	514	35	0	1
18:00	141	133	7	0	1
19:00	95	84	9	0	2
20:00	39	36	1	0	2
21:00	63	62	1	0	0
22:00	16	15	0	0	1
23:00	22	21	1	0	0
Total					
12H(7-19)	2680	2357	293	6	24
16H(6-22)	2928	2579	312	6	31
18H(6-24)	2966	2615	313	6	32
24H(0-24)	3031	2674	318	6	33
AM Peak	08:00	08:00	11:00	08:00	06:00
	207	175	30	1	3
PM Peak	17:00	17:00	16:00	12:00	16:00
	550	514	42	2	4

360 TSL Ltd

Direction: Southbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	8	8	0	0	0
01:00	3	3	0	0	0
02:00	2	2	0	0	0
03:00	6	6	0	0	0
04:00	9	8	1	0	0
05:00	79	74	4	0	1
06:00	116	110	5	1	0
07:00	411	392	17	1	1
08:00	656	626	29	0	1
09:00	242	214	26	1	1
10:00	128	112	13	1	2
11:00	138	112	22	1	3
12:00	156	133	22	0	1
13:00	169	154	15	0	0
14:00	150	130	19	0	1
15:00	176	152	23	0	1
16:00	177	157	17	1	2
17:00	188	174	13	0	1
18:00	118	105	13	0	0
19:00	52	49	3	0	0
20:00	30	29	1	0	0
21:00	19	17	1	0	1
22:00	5	4	1	0	0
23:00	2	2	0	0	0
Total					
12H(7-19)	2709	2461	229	5	14
16H(6-22)	2926	2666	239	6	15
18H(6-24)	2933	2672	240	6	15
24H(0-24)	3040	2773	245	6	16
AM Peak	08:00	08:00	08:00	06:00	11:00
	656	626	29	1	3
PM Peak	17:00	17:00	15:00	16:00	16:00
	188	174	23	1	2

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	26	26	0	0	0
01:00	13	12	1	0	0
02:00	7	7	0	0	0
03:00	13	12	0	0	1
04:00	17	15	2	0	0
05:00	96	88	7	0	1
06:00	167	150	13	1	3
07:00	522	486	33	1	2
08:00	863	801	57	1	4
09:00	376	319	53	1	3
10:00	247	212	30	1	4
11:00	267	209	52	2	4
12:00	350	295	50	2	3
13:00	349	318	29	0	2
14:00	300	259	37	0	4
15:00	439	381	54	1	3
16:00	679	612	59	2	6
17:00	738	688	48	0	2
18:00	259	238	20	0	1
19:00	147	133	12	0	2
20:00	69	65	2	0	2
21:00	82	79	2	0	1
22:00	21	19	1	0	1
23:00	24	23	1	0	0
Total					
12H(7-19)	5389	4818	522	11	38
16H(6-22)	5854	5245	551	12	46
18H(6-24)	5899	5287	553	12	47
24H(0-24)	6071	5447	563	12	49
AM Peak	08:00	08:00	08:00	11:00	08:00
	863	801	57	2	4
PM Peak	17:00	17:00	16:00	12:00	16:00
	738	688	59	2	6

360 TSL Ltd



# North Wales ATC 22, Ffordd William Morgan

Direction: Northbound

06/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	16	16	0	0	0
01:00	7	7	0	0	0
02:00	3	3	0	0	0
03:00	11	11	0	0	0
04:00	9	8	0	0	1
05:00	16	12	4	0	0
06:00	48	39	6	0	3
07:00	82	70	10	1	1
08:00	162	136	22	0	4
09:00	138	115	20	1	2
10:00	91	80	10	1	0
11:00	164	146	16	0	2
12:00	285	247	35	0	3
13:00	220	192	26	0	2
14:00	200	171	27	1	1
15:00	225	194	30	0	1
16:00	395	358	35	0	2
17:00	266	255	10	0	1
18:00	78	71	6	0	1
19:00	46	40	5	0	1
20:00	46	44	0	0	2
21:00	31	27	2	0	2
22:00	14	12	1	0	1
23:00	24	24	0	0	0
Total					
12H(7-19)	2306	2035	247	4	20
16H(6-22)	2477	2185	260	4	28
18H(6-24)	2515	2221	261	4	29
24H(0-24)	2577	2278	265	4	30
AM Peak	11:00 164	11:00 146	08:00 22	07:00 1	08:00 4
PM Peak	16:00 395	16:00 358	12:00 35	14:00 1	12:00 3

360 TSL Ltd

Direction: Southbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	3	1	1	0	1
01:00	4	4	0	0	0
02:00	0	0	0	0	0
03:00	7	6	1	0	0
04:00	11	10	1	0	0
05:00	64	60	1	1	2
06:00	105	98	7	0	0
07:00	383	359	23	0	1
08:00	565	536	27	0	2
09:00	183	165	13	3	2
10:00	134	118	14	0	2
11:00	131	116	14	0	1
12:00	139	130	7	0	2
13:00	162	148	11	0	3
14:00	118	101	16	0	1
15:00	132	111	20	0	1
16:00	136	122	14	0	0
17:00	139	127	10	0	2
18:00	49	45	4	0	0
19:00	35	31	4	0	0
20:00	22	22	0	0	0
21:00	17	15	0	0	2
22:00	6	6	0	0	0
23:00	11	10	1	0	0
Total					
12H(7-19)	2271	2078	173	3	17
16H(6-22)	2450	2244	184	3	19
18H(6-24)	2467	2260	185	3	19
24H(0-24)	2556	2341	189	4	22
AM Peak	08:00 565	08:00 536	08:00 27	09:00 3	05:00 2
PM Peak	13:00 162	13:00 148	15:00 20	12:00 0	13:00 3

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	19	17	1	0	1
01:00	11	11	0	0	0
02:00	3	3	0	0	0
03:00	18	17	1	0	0
04:00	20	18	1	0	1
05:00	80	72	5	1	2
06:00	153	137	13	0	3
07:00	465	429	33	1	2
08:00	727	672	49	0	6
09:00	321	280	33	4	4
10:00	225	198	24	1	2
11:00	295	262	30	0	3
12:00	424	377	42	0	5
13:00	382	340	37	0	5
14:00	318	272	43	1	2
15:00	357	305	50	0	2
16:00	531	480	49	0	2
17:00	405	382	20	0	3
18:00	127	116	10	0	1
19:00	81	71	9	0	1
20:00	68	66	0	0	2
21:00	48	42	2	0	4
22:00	20	18	1	0	1
23:00	35	34	1	0	0
Total					
12H(7-19)	4577	4113	420	7	37
16H(6-22)	4927	4429	444	7	47
18H(6-24)	4982	4481	446	7	48
24H(0-24)	5133	4619	454	8	52
AM Peak	08:00 727	08:00 672	08:00 49	09:00 4	08:00 6
PM Peak	16:00 531	16:00 480	15:00 50	14:00 1	12:00 5

360 TSL Ltd



## North Wales ATC 22, Ffordd William Morgan

Direction: Northbound

07/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	9	9	0	0	0
01:00	2	2	0	0	0
02:00	5	5	0	0	0
03:00	9	8	1	0	0
04:00	9	9	0	0	0
05:00	9	9	0	0	0
06:00	28	26	1	0	1
07:00	21	18	2	0	1
08:00	45	37	6	0	2
09:00	46	31	13	2	0
10:00	63	56	7	0	0
11:00	79	66	10	0	3
12:00	69	62	6	0	1
13:00	67	59	7	0	1
14:00	46	39	6	0	1
15:00	45	38	5	1	1
16:00	48	46	1	0	1
17:00	49	47	1	0	1
18:00	63	58	4	0	1
19:00	29	25	3	0	1
20:00	14	13	0	0	1
21:00	8	7	0	0	1
22:00	19	18	1	0	0
23:00	10	9	1	0	0
Total					
12H(7-19)	641	557	68	3	13
16H(6-22)	720	628	72	3	17
18H(6-24)	749	655	74	3	17
24H(0-24)	792	697	75	3	17
AM Peak	11:00 79	11:00 66	09:00 13	09:00 2	11:00 3
PM Peak	12:00 69	12:00 62	13:00 7	15:00 1	12:00 1

360 TSL Ltd

Direction: Southbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	3	3	0	0	0
01:00	11	10	1	0	0
02:00	1	1	0	0	0
03:00	3	3	0	0	0
04:00	4	4	0	0	0
05:00	18	16	0	0	2
06:00	52	49	3	0	0
07:00	50	44	5	0	1
08:00	62	56	5	0	1
09:00	62	55	6	0	1
10:00	45	39	5	1	0
11:00	61	55	5	0	1
12:00	45	42	2	0	1
13:00	64	60	3	0	1
14:00	39	37	1	0	1
15:00	64	58	6	0	0
16:00	59	54	4	0	1
17:00	54	47	6	0	1
18:00	54	47	7	0	0
19:00	26	25	1	0	0
20:00	20	18	2	0	0
21:00	13	11	1	0	1
22:00	13	11	2	0	0
23:00	7	7	0	0	0
Total					
12H(7-19)	659	594	55	1	9
16H(6-22)	770	697	62	1	10
18H(6-24)	790	715	64	1	10
24H(0-24)	830	752	65	1	12
AM Peak	08:00 62	08:00 56	09:00 6	10:00 1	05:00 2
PM Peak	13:00 64	13:00 60	18:00 7	12:00 0	12:00 1

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	12	12	0	0	0
01:00	13	12	1	0	0
02:00	6	6	0	0	0
03:00	12	11	1	0	0
04:00	13	13	0	0	0
05:00	27	25	0	0	2
06:00	80	75	4	0	1
07:00	71	62	7	0	2
08:00	107	93	11	0	3
09:00	108	86	19	2	1
10:00	108	95	12	1	0
11:00	140	121	15	0	4
12:00	114	104	8	0	2
13:00	131	119	10	0	2
14:00	85	76	7	0	2
15:00	109	96	11	1	1
16:00	107	100	5	0	2
17:00	103	94	7	0	2
18:00	117	105	11	0	1
19:00	55	50	4	0	1
20:00	34	31	2	0	1
21:00	21	18	1	0	2
22:00	32	29	3	0	0
23:00	17	16	1	0	0
Total					
12H(7-19)	1300	1151	123	4	22
16H(6-22)	1490	1325	134	4	27
18H(6-24)	1539	1370	138	4	27
24H(0-24)	1622	1449	140	4	29
AM Peak	11:00 140	11:00 121	09:00 19	09:00 2	11:00 4
PM Peak	13:00 131	13:00 119	15:00 11	15:00 1	12:00 2

360 TSL Ltd



# North Wales ATC 22, Ffordd William Morgan

Direction: Northbound

08/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	9	9	0	0	0
01:00	2	2	0	0	0
02:00	6	6	0	0	0
03:00	10	10	0	0	0
04:00	10	9	1	0	0
05:00	8	8	0	0	0
06:00	22	20	2	0	0
07:00	31	26	5	0	0
08:00	20	17	3	0	0
09:00	34	33	1	0	0
10:00	65	59	6	0	0
11:00	60	56	4	0	0
12:00	73	73	0	0	0
13:00	57	53	4	0	0
14:00	43	41	2	0	0
15:00	56	54	2	0	0
16:00	69	63	6	0	0
17:00	68	63	5	0	0
18:00	44	41	3	0	0
19:00	35	33	2	0	0
20:00	12	11	1	0	0
21:00	10	10	0	0	0
22:00	15	15	0	0	0
23:00	9	9	0	0	0
Total					
12H(7-19)	620	579	41	0	0
16H(6-22)	699	653	46	0	0
18H(6-24)	723	677	46	0	0
24H(0-24)	768	721	47	0	0
AM Peak	10:00	10:00	10:00	00:00	00:00
	65	59	6	0	0
PM Peak	12:00	12:00	16:00	12:00	12:00
	73	73	6	0	0

360 TSL Ltd

Direction: Southbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	2	1	1	0	0
01:00	4	4	0	0	0
02:00	10	10	0	0	0
03:00	7	7	0	0	0
04:00	3	3	0	0	0
05:00	6	6	0	0	0
06:00	44	42	2	0	0
07:00	49	48	1	0	0
08:00	40	39	1	0	0
09:00	50	46	4	0	0
10:00	68	65	3	0	0
11:00	69	66	3	0	0
12:00	57	57	0	0	0
13:00	55	53	2	0	0
14:00	52	50	2	0	0
15:00	59	54	5	0	0
16:00	72	66	5	1	0
17:00	75	73	2	0	0
18:00	44	41	3	0	0
19:00	27	26	1	0	0
20:00	15	13	2	0	0
21:00	17	17	0	0	0
22:00	10	10	0	0	0
23:00	1	1	0	0	0
Total					
12H(7-19)	690	658	31	1	0
16H(6-22)	793	756	36	1	0
18H(6-24)	804	767	36	1	0
24H(0-24)	836	798	37	1	0
AM Peak	11:00	11:00	09:00	00:00	00:00
	69	66	4	0	0
PM Peak	17:00	17:00	15:00	16:00	12:00
	75	73	5	1	0

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	11	10	1	0	0
01:00	6	6	0	0	0
02:00	16	16	0	0	0
03:00	17	17	0	0	0
04:00	13	12	1	0	0
05:00	14	14	0	0	0
06:00	66	62	4	0	0
07:00	80	74	6	0	0
08:00	60	56	4	0	0
09:00	84	79	5	0	0
10:00	133	124	9	0	0
11:00	129	122	7	0	0
12:00	130	130	0	0	0
13:00	112	106	6	0	0
14:00	95	91	4	0	0
15:00	115	108	7	0	0
16:00	141	129	11	1	0
17:00	143	136	7	0	0
18:00	88	82	6	0	0
19:00	62	59	3	0	0
20:00	27	24	3	0	0
21:00	27	27	0	0	0
22:00	25	25	0	0	0
23:00	10	10	0	0	0
Total					
12H(7-19)	1310	1237	72	1	0
16H(6-22)	1492	1409	82	1	0
18H(6-24)	1527	1444	82	1	0
24H(0-24)	1604	1519	84	1	0
AM Peak	10:00	10:00	10:00	00:00	00:00
	133	124	9	0	0
PM Peak	17:00	17:00	16:00	16:00	12:00
	143	136	11	1	0

360 TSL Ltd



# North Wales ATC 22, Ffordd William Morgan

Direction: Northbound

09/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	9	9	0	0	0
01:00	7	7	0	0	0
02:00	10	10	0	0	0
03:00	4	2	1	0	1
04:00	5	5	0	0	0
05:00	12	9	3	0	0
06:00	52	44	6	0	2
07:00	82	70	11	0	1
08:00	163	141	18	0	4
09:00	96	69	24	1	2
10:00	94	74	20	0	0
11:00	104	86	16	0	2
12:00	155	133	18	1	3
13:00	180	157	20	0	3
14:00	147	130	15	0	2
15:00	202	170	30	0	2
16:00	578	529	47	0	2
17:00	490	462	27	0	1
18:00	149	136	11	0	2
19:00	66	63	2	0	1
20:00	41	34	4	0	3
21:00	50	47	2	0	1
22:00	13	12	0	0	1
23:00	10	10	0	0	0
Total					
12H(7-19)	2440	2157	257	2	24
16H(6-22)	2649	2345	271	2	31
18H(6-24)	2672	2367	271	2	32
24H(0-24)	2719	2409	275	2	33
AM Peak	08:00 163	08:00 141	09:00 24	09:00 1	08:00 4
PM Peak	16:00 578	16:00 529	16:00 47	12:00 1	12:00 3

360 TSL Ltd

Direction: Southbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	1	1	0	0	0
01:00	5	5	0	0	0
02:00	5	5	0	0	0
03:00	1	1	0	0	0
04:00	11	8	3	0	0
05:00	77	73	3	0	1
06:00	106	96	10	0	0
07:00	434	413	19	1	1
08:00	609	576	29	2	2
09:00	223	198	24	0	1
10:00	97	78	17	0	2
11:00	120	106	13	0	1
12:00	129	117	11	0	1
13:00	177	161	14	2	0
14:00	158	141	13	2	2
15:00	152	129	22	1	0
16:00	137	124	12	0	1
17:00	183	164	18	0	1
18:00	89	83	5	1	0
19:00	34	31	3	0	0
20:00	28	25	3	0	0
21:00	11	9	1	0	1
22:00	7	6	1	0	0
23:00	7	7	0	0	0
Total					
12H(7-19)	2508	2290	197	9	12
16H(6-22)	2687	2451	214	9	13
18H(6-24)	2701	2464	215	9	13
24H(0-24)	2801	2557	221	9	14
AM Peak	08:00 609	08:00 576	08:00 29	08:00 2	08:00 2
PM Peak	17:00 183	17:00 164	15:00 22	13:00 2	14:00 2

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	10	10	0	0	0
01:00	12	12	0	0	0
02:00	15	15	0	0	0
03:00	5	3	1	0	1
04:00	16	13	3	0	0
05:00	89	82	6	0	1
06:00	158	140	16	0	2
07:00	516	483	30	1	2
08:00	772	717	47	2	6
09:00	319	267	48	1	3
10:00	191	152	37	0	2
11:00	224	192	29	0	3
12:00	284	250	29	1	4
13:00	357	318	34	2	3
14:00	305	271	28	2	4
15:00	354	299	52	1	2
16:00	715	653	59	0	3
17:00	673	626	45	0	2
18:00	238	219	16	1	2
19:00	100	94	5	0	1
20:00	69	59	7	0	3
21:00	61	56	3	0	2
22:00	20	18	1	0	1
23:00	17	17	0	0	0
Total					
12H(7-19)	4948	4447	454	11	36
16H(6-22)	5336	4796	485	11	44
18H(6-24)	5373	4831	486	11	45
24H(0-24)	5520	4966	496	11	47
AM Peak	08:00 772	08:00 717	09:00 48	08:00 2	08:00 6
PM Peak	16:00 715	16:00 653	16:00 59	13:00 2	12:00 4

360 TSL Ltd



# North Wales ATC 22, Ffordd William Morgan

Direction: Northbound

10/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	9	9	0	0	0
01:00	5	5	0	0	0
02:00	1	1	0	0	0
03:00	9	8	0	0	1
04:00	4	4	0	0	0
05:00	8	7	1	0	0
06:00	49	43	3	1	2
07:00	86	73	11	0	2
08:00	195	167	22	1	5
09:00	135	109	26	0	0
10:00	113	94	17	0	2
11:00	116	95	19	0	2
12:00	203	177	22	2	2
13:00	154	136	17	1	0
14:00	196	171	21	2	2
15:00	227	206	19	0	2
16:00	528	486	41	0	1
17:00	525	500	24	0	1
18:00	127	119	6	1	1
19:00	42	36	5	0	1
20:00	31	29	1	0	1
21:00	49	43	6	0	0
22:00	16	15	0	0	1
23:00	17	16	1	0	0
Total					
12H(7-19)	2605	2333	245	7	20
16H(6-22)	2776	2484	260	8	24
18H(6-24)	2809	2515	261	8	25
24H(0-24)	2845	2549	262	8	26
AM Peak	08:00 195	08:00 167	09:00 26	06:00 1	08:00 5
PM Peak	16:00 528	17:00 500	16:00 41	12:00 2	12:00 2

360 TSL Ltd

Direction: Southbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	3	3	0	0	0
01:00	0	0	0	0	0
02:00	1	1	0	0	0
03:00	2	1	0	0	1
04:00	7	6	1	0	0
05:00	76	73	1	0	2
06:00	103	97	6	0	0
07:00	448	420	25	1	2
08:00	667	632	30	2	3
09:00	247	234	12	0	1
10:00	128	118	9	0	1
11:00	139	119	19	0	1
12:00	147	130	13	2	2
13:00	165	152	11	1	1
14:00	136	117	13	2	4
15:00	129	120	9	0	0
16:00	171	152	18	0	1
17:00	155	149	6	0	0
18:00	61	54	7	0	0
19:00	21	18	3	0	0
20:00	36	34	2	0	0
21:00	11	9	1	0	1
22:00	6	6	0	0	0
23:00	8	8	0	0	0
Total					
12H(7-19)	2593	2397	172	8	16
16H(6-22)	2764	2555	184	8	17
18H(6-24)	2778	2569	184	8	17
24H(0-24)	2867	2653	186	8	20
AM Peak	08:00 667	08:00 632	08:00 30	08:00 2	08:00 3
PM Peak	16:00 171	13:00 152	16:00 18	12:00 2	14:00 4

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	12	12	0	0	0
01:00	5	5	0	0	0
02:00	2	2	0	0	0
03:00	11	9	0	0	2
04:00	11	10	1	0	0
05:00	84	80	2	0	2
06:00	152	140	9	1	2
07:00	534	493	36	1	4
08:00	862	799	52	3	8
09:00	382	343	38	0	1
10:00	241	212	26	0	3
11:00	255	214	38	0	3
12:00	350	307	35	4	4
13:00	319	288	28	2	1
14:00	332	288	34	4	6
15:00	356	326	28	0	2
16:00	699	638	59	0	2
17:00	680	649	30	0	1
18:00	188	173	13	1	1
19:00	63	54	8	0	1
20:00	67	63	3	0	1
21:00	60	52	7	0	1
22:00	22	21	0	0	1
23:00	25	24	1	0	0
Total					
12H(7-19)	5198	4730	417	15	36
16H(6-22)	5540	5039	444	16	41
18H(6-24)	5587	5084	445	16	42
24H(0-24)	5712	5202	448	16	46
AM Peak	08:00 862	08:00 799	08:00 52	08:00 3	08:00 8
PM Peak	16:00 699	17:00 649	16:00 59	12:00 4	14:00 6

360 TSL Ltd



# North Wales ATC 22, Ffordd William Morgan

Direction: Northbound

11/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	11	11	0	0	0
01:00	8	7	1	0	0
02:00	7	7	0	0	0
03:00	7	4	2	0	1
04:00	8	8	0	0	0
05:00	7	6	1	0	0
06:00	53	49	2	0	2
07:00	83	73	9	0	1
08:00	198	175	19	0	4
09:00	133	113	19	0	1
10:00	135	118	15	2	0
11:00	153	126	25	0	2
12:00	160	146	11	1	2
13:00	186	164	18	2	2
14:00	145	122	20	0	3
15:00	269	236	31	1	1
16:00	475	436	35	1	3
17:00	569	539	29	0	1
18:00	136	126	9	0	1
19:00	87	75	10	0	2
20:00	39	35	1	1	2
21:00	71	70	1	0	0
22:00	19	18	0	0	1
23:00	24	23	1	0	0
Total					
12H(7-19)	2642	2374	240	7	21
16H(6-22)	2892	2603	254	8	27
18H(6-24)	2935	2644	255	8	28
24H(0-24)	2983	2687	259	8	29
AM Peak	08:00 198	08:00 175	11:00 25	10:00 2	08:00 4
PM Peak	17:00 569	17:00 539	16:00 35	13:00 2	14:00 3

360 TSL Ltd

Direction: Southbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	7	7	0	0	0
01:00	4	4	0	0	0
02:00	2	2	0	0	0
03:00	3	2	1	0	0
04:00	9	8	1	0	0
05:00	75	71	2	0	2
06:00	114	106	8	0	0
07:00	445	425	17	1	2
08:00	652	622	28	0	2
09:00	278	261	16	0	1
10:00	151	140	8	2	1
11:00	176	156	20	0	0
12:00	244	216	24	2	2
13:00	170	154	16	0	0
14:00	147	131	15	0	1
15:00	187	159	27	0	1
16:00	173	151	19	1	2
17:00	197	184	12	0	1
18:00	127	113	14	0	0
19:00	48	44	4	0	0
20:00	25	24	1	0	0
21:00	15	13	1	0	1
22:00	7	6	1	0	0
23:00	3	3	0	0	0
Total					
12H(7-19)	2947	2712	216	6	13
16H(6-22)	3149	2899	230	6	14
18H(6-24)	3159	2908	231	6	14
24H(0-24)	3259	3002	235	6	16
AM Peak	08:00 652	08:00 622	08:00 28	10:00 2	05:00 2
PM Peak	12:00 244	12:00 216	15:00 27	12:00 2	12:00 2

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	18	18	0	0	0
01:00	12	11	1	0	0
02:00	9	9	0	0	0
03:00	10	6	3	0	1
04:00	17	16	1	0	0
05:00	82	77	3	0	2
06:00	167	155	10	0	2
07:00	528	498	26	1	3
08:00	850	797	47	0	6
09:00	411	374	35	0	2
10:00	286	258	23	4	1
11:00	329	282	45	0	2
12:00	404	362	35	3	4
13:00	356	318	34	2	2
14:00	292	253	35	0	4
15:00	456	395	58	1	2
16:00	648	587	54	2	5
17:00	766	723	41	0	2
18:00	263	239	23	0	1
19:00	135	119	14	0	2
20:00	64	59	2	1	2
21:00	86	83	2	0	1
22:00	26	24	1	0	1
23:00	27	26	1	0	0
Total					
12H(7-19)	5589	5086	456	13	34
16H(6-22)	6041	5502	484	14	41
18H(6-24)	6094	5552	486	14	42
24H(0-24)	6242	5689	494	14	45
AM Peak	08:00 850	08:00 797	08:00 47	10:00 4	08:00 6
PM Peak	17:00 766	17:00 723	15:00 58	12:00 3	16:00 5

360 TSL Ltd



North Wales ATC 22, Flordd William Morgan

Direction: Northbound																	05/05/2022
Hour	Total Volume	ECM	Mean Average	Standard Deviation	Bin 1 <10km	Bin 2 10-15	Bin 3 15-20	Bin 4 20-25	Bin 5 25-30	Bin 6 30-35	Bin 7 35-40	Bin 8 40-45	Bin 9 45-50	Bin 10 50-55	Bin 11 55-60	Bin 12 >=60	
00:00	18	31.7	25.8	5.7	0	2	0	0	3	10	3	0	0	0	0	0	
01:00	10	35.6	28.5	5.9	0	0	0	1	2	5	1	0	0	0	0	0	
02:00	5	40.3	33.5	6.5	0	0	0	0	1	1	1	1	1	0	0	0	
03:00	7	28.7	23.9	5.6	0	1	0	2	4	0	0	0	0	0	0	0	
04:00	8	32.0	26.9	5.0	0	0	0	1	4	2	0	0	0	0	0	0	
05:00	17	30.1	27.2	2.8	0	0	0	3	12	2	0	0	0	0	0	0	
06:00	51	33.1	26.4	6.4	0	5	2	10	18	14	2	0	0	0	0	0	
07:00	111	30.3	25.5	4.6	0	5	8	13	55	10	2	0	0	0	0	0	
08:00	207	30.3	26.3	3.9	2	0	3	63	112	26	1	0	0	0	0	0	
09:00	134	31.1	27.1	4.1	0	1	3	32	73	21	4	0	0	0	0	0	
10:00	119	30.5	26.4	3.9	0	0	4	38	57	19	1	0	0	0	0	0	
11:00	129	31.0	26.9	4.0	0	2	3	26	77	19	2	0	0	0	0	0	
12:00	194	30.8	26.1	4.5	0	8	6	42	116	19	3	0	0	0	0	0	
13:00	180	31.3	27.4	3.8	0	2	3	30	112	29	4	0	0	0	0	0	
14:00	150	31.4	27.2	4.0	0	1	4	35	75	34	1	0	0	0	0	0	
15:00	263	31.4	26.7	4.5	0	10	4	57	142	47	3	0	0	0	0	0	
16:00	302	31.7	27.2	3.7	1	7	7	64	139	84	2	0	0	0	0	0	
17:00	550	31.2	27.4	3.7	0	7	6	95	337	104	5	0	0	0	0	0	
18:00	341	31.0	26.3	4.5	0	6	3	33	76	23	0	0	0	0	0	0	
19:00	95	32.2	27.2	4.9	0	1	4	23	45	17	4	1	0	0	0	0	
20:00	39	31.0	27.2	3.6	0	0	1	8	22	8	0	0	0	0	0	0	
21:00	63	32.7	28.6	4.0	0	0	2	6	33	23	2	0	0	0	0	0	
22:00	16	33.1	26.9	6.0	0	1	0	5	5	4	1	0	0	0	0	0	
23:00	22	34.9	25.9	8.6	0	5	1	1	6	7	2	0	0	0	0	0	
Total																	
2H(16-12)	248	30.8	26.7	3.9	0	2	7	64	134	38	3	0	0	0	0	0	
2H(14-16)	413	31.4	26.9	4.4	0	11	8	92	217	81	4	0	0	0	0	0	
12H(7-19)	2480	31.3	26.9	4.0	3	47	55	556	1538	435	26	0	0	0	0	0	
24H(0-24)	3031	31.3	26.9	4.2	3	62	67	619	1721	538	39	2	0	0	0	0	
AM Peak	08:00	12:00	02:00	00:00	08:00	06:00	07:00	08:00	08:00	08:00	09:00	02:00	02:00	02:00	02:00	02:00	
	207	46.3	33.5	6.5		2	5	8	63	112	26	4	1	0	0	0	
PM Peak	17:00	23:00	21:00	23:00	16:00	15:00	16:00	17:00	17:00	17:00	13:00	19:00	12:00	12:00	12:00	12:00	
	550	34.9	28.6	8.6		1	10	8	95	337	104	4	1	0	0	0	

360 TSL Ltd

Direction: Southbound

Hour Beginning	Total Volume	ECM Percentage	Mean Average	Standard Deviation	Bin 1 <10km	Bin 2 10-15	Bin 3 15-20	Bin 4 20-25	Bin 5 25-30	Bin 6 30-35	Bin 7 35-40	Bin 8 40-45	Bin 9 45-50	Bin 10 50-55	Bin 11 55-60	Bin 12 >=60							
00:00	8	35.5	30.0	5.3	0	0	0	2	1	4	3	0	0	0	0	0							
01:00	3	33.8	30.8	2.8	0	0	0	0	0	0	2	0	0	0	0	0							
02:00	2	33.7	30.0	3.5	0	0	0	0	1	1	0	0	0	0	0	0							
03:00	6	31.8	28.2	2.6	0	0	0	0	4	2	0	0	0	0	0	0							
04:00	9	30.7	26.4	4.2	0	0	1	1	6	1	0	0	0	0	0	0							
05:00	79	31.3	26.9	4.3	0	1	2	21	38	16	1	0	0	0	0	0							
06:00	116	30.3	25.9	4.2	0	2	9	25	68	11	1	0	0	0	0	0							
07:00	411	29.5	26.0	3.4	0	5	8	120	253	24	3	0	0	0	0	0							
08:00	656	29.3	26.0	4.1	2	25	44	206	356	29	0	0	0	0	0	0							
09:00	242	29.1	24.7	4.2	1	2	20	109	88	21	1	0	0	0	0	0							
10:00	128	29.9	24.7	5.0	3	2	10	40	52	10	4	0	0	0	0	0							
11:00	138	29.7	25.0	4.5	0	3	15	40	71	8	0	1	0	0	0	0							
12:00	156	29.2	24.9	4.2	0	3	12	60	72	8	0	1	0	0	0	0							
13:00	169	29.4	25.8	3.5	0	0	9	54	93	13	0	0	0	0	0	0							
14:00	150	29.0	25.0	3.9	0	1	14	55	70	10	0	0	0	0	0	0							
15:00	176	28.8	24.9	5.7	0	1	15	62	84	9	0	0	0	0	0	0							
16:00	177	28.6	26.5	3.0	0	0	1	49	112	14	1	0	0	0	0	0							
17:00	188	30.3	25.6	4.5	0	2	17	58	87	20	4	0	0	0	0	0							
18:00	118	30.7	25.3	5.2	0	3	10	33	53	10	3	1	0	0	0	0							
19:00	52	29.1	24.4	4.6	0	1	10	11	28	2	0	0	0	0	0	0							
20:00	30	29.6	25.3	4.1	0	1	1	10	16	2	0	0	0	0	0	0							
21:00	19	32.6	25.4	6.9	0	1	3	6	4	3	2	0	0	0	0	0							
22:00	5	30.1	25.5	4.5	0	0	0	0	3	1	1	0	0	0	0	0							
23:00	2	28.7	25.0	3.5	0	0	0	1	1	0	0	0	0	0	0	0							
Total 2H(16-12)	266	29.8	24.9	4.8	3	5	25	89	123	18	2	1	0	0	0	0							
2H(14-16)	336	28.9	24.9	3.8	0	2	29	122	154	19	0	0	0	0	0	0							
12H(7-19)	2709	29.5	25.3	4.1	6	41	180	900	1391	176	12	3	0	0	0	0							
24H(0-24)	3040	29.7	25.4	4.1	6	47	206	980	1540	221	17	5	0	0	0	0							
AM Peak 08:00	02:00	02:00	02:00	02:00	10:00	08:00	08:00	08:00	08:00	08:00	10:00	11:00	02:00	02:00	02:00	02:00							



North Wales ATC 22, Flordd William Morgan

Direction: Northbound															06/05/2022	
Hour Beginning	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 10-15m	Bin 2 15-20m	Bin 3 20-25m	Bin 4 25-30m	Bin 5 30-35m	Bin 6 35-40m	Bin 7 40-45m	Bin 8 45-50m	Bin 9 50-55m	Bin 10 55-60m	Bin 11 60-65m	Bin 12 65-70m
00:00	16	33.7	26.6	6.9	0	2	1	1	0	0	0	0	0	0	0	0
01:00	7	30.4	26.8	3.5	0	0	0	2	4	1	0	0	0	0	0	0
02:00	3	27.5	6.0	0.0	0	0	0	0	3	6	1	0	0	0	0	0
03:00	11	29.2	21.1	7.8	0	3	3	1	2	2	0	0	0	0	0	0
04:00	9	31.3	25.3	5.7	0	1	0	2	5	1	0	0	0	0	0	0
05:00	16	31.2	27.2	3.9	0	0	1	2	10	3	0	0	0	0	0	0
06:00	48	32.4	25.8	6.3	0	4	3	12	18	8	3	0	0	0	0	0
07:00	62	31.3	26.6	4.3	0	2	1	23	41	14	1	0	0	0	0	0
08:00	162	31.6	27.8	3.7	0	0	4	23	96	36	3	0	0	0	0	0
09:00	158	31.5	27.7	3.3	0	0	1	23	86	26	1	0	0	0	0	0
10:00	91	30.0	26.2	3.7	0	0	4	22	53	10	0	0	0	0	0	0
11:00	164	29.8	26.3	3.4	0	1	3	46	98	16	0	0	0	0	0	0
12:00	285	29.8	25.9	3.8	0	2	13	86	159	22	3	0	0	0	0	0
13:00	220	29.9	26.1	3.6	0	2	3	76	134	24	1	0	0	0	0	0
14:00	300	31.1	27.1	4.0	0	1	3	51	108	33	3	1	0	0	0	0
15:00	225	31.0	27.1	3.8	0	3	3	44	135	38	2	0	0	0	0	0
16:00	395	31.2	27.2	3.8	0	6	7	65	244	70	3	0	0	0	0	0
17:00	366	31.1	27.5	4.5	0	7	2	49	146	54	6	2	0	0	0	0
18:00	78	32.0	27.4	4.4	0	3	1	10	44	20	0	0	0	0	0	0
19:00	46	32.6	26.1	6.3	0	4	4	6	21	9	1	0	0	0	0	0
20:00	46	32.7	27.7	4.8	0	2	0	7	23	13	1	0	0	0	0	0
21:00	11	30.6	26.5	4.0	0	0	2	6	20	2	1	0	0	0	0	0
22:00	14	31.0	27.5	3.4	0	0	0	3	8	3	0	0	0	0	0	0
23:00	24	31.5	23.1	8.1	0	6	3	4	5	5	1	0	0	0	0	0
Total	265	29.9	26.3	3.5	0	1	9	68	151	26	0	0	0	0	0	0
2H(14-16)	425	31.1	27.1	3.9	0	4	6	95	243	71	5	1	0	0	0	0
12H(7-19)	2106	31.0	26.9	3.9	0	27	47	533	1324	363	24	3	0	0	0	0
24H(0-24)	2777	31.1	26.8	4.2	0	49	64	564	1489	416	32	3	0	0	0	0
AM Peak	11:00	00:00	08:00	09:00	00:00	06:00	10:00	11:00	11:00	08:00	06:00	00:00	00:00	00:00	00:00	00:00
	164	33.7	27.8	7.8	0	4	6	46	98	36	3	0	0	0	0	0
PM Peak	16:00	20:00	20:00	23:00	12:00	17:00	12:00	12:00	16:00	16:00	17:00	17:00	12:00	12:00	12:00	12:00
	395	32.7	27.7	8.1	0	7	13	86	244	70	6	2	0	0	0	0

360 TSL Ltd

Direction: Southbound																
Hour Beginning	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 10-15m	Bin 2 15-20m	Bin 3 20-25m	Bin 4 25-30m	Bin 5 30-35m	Bin 6 35-40m	Bin 7 40-45m	Bin 8 45-50m	Bin 9 50-55m	Bin 10 55-60m	Bin 11 60-65m	Bin 12 65-70m
00:00	3	32.7	27.5	5.0	0	0	0	1	1	3	0	0	0	0	0	0
01:00	4	28.8	26.3	2.5	0	0	0	1	3	0	0	0	0	0	0	0
02:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
03:00	7	30.5	34.6	5.7	0	1	0	1	5	0	0	0	0	0	0	0
04:00	11	29.8	27.5	2.2	0	0	0	1	9	1	0	0	0	0	0	0
05:00	64	32.2	27.7	4.3	0	1	2	7	46	11	3	0	0	0	0	0
06:00	105	31.6	26.6	4.8	0	1	14	10	60	18	2	0	0	0	0	0
07:00	183	29.5	25.5	3.8	0	3	26	126	196	32	0	0	0	0	0	0
08:00	565	29.3	25.3	3.8	0	5	52	185	291	34	1	0	0	0	0	0
09:00	183	30.8	26.3	4.4	1	0	11	45	103	20	2	0	1	0	0	0
10:00	134	30.6	25.4	4.4	0	4	7	45	64	13	1	0	0	0	0	0
11:00	131	28.7	24.3	4.3	0	2	17	53	50	9	0	0	0	0	0	0
12:00	139	28.6	24.5	3.9	1	0	16	50	70	1	1	0	0	0	0	0
13:00	162	29.1	24.7	4.3	0	4	14	62	73	7	2	0	0	0	0	0
14:00	118	28.8	24.3	4.3	0	4	9	54	42	9	0	0	0	0	0	0
15:00	152	28.6	25.1	3.4	0	1	6	52	69	4	0	0	0	0	0	0
16:00	136	29.7	25.7	3.8	0	2	8	35	82	9	0	0	0	0	0	0
17:00	139	29.3	24.9	4.2	0	4	9	34	23	11	0	0	0	0	0	0
18:00	49	30.0	24.5	5.3	0	3	7	11	33	5	0	0	0	0	0	0
19:00	35	32.5	26.2	6.1	0	2	3	8	13	7	2	0	0	0	0	0
20:00	22	30.5	26.8	3.6	0	0	1	4	14	0	0	0	0	0	0	0
21:00	17	31.0	25.4	5.3	0	0	2	7	5	2	1	0	0	0	0	0
22:00	6	27.2	23.3	3.8	0	0	1	3	3	1	0	0	0	0	0	0
23:00	11	28.6	27.0	1.5	0	0	0	1	10	0	0	0	0	0	0	0
Total	265	29.4	24.9	4.4	0	6	24	98	134	22	1	0	0	0	0	0
2H(14-16)	250	28.7	24.7	3.9	0	5	15	106	111	13	0	0	0	0	0	0
12H(7-19)	2271	29.4	25.2	4.1	2	28	181	772	1125	154	8	0	1	0	0	0
24H(0-24)	2556	29.7	25.4	4.2	2	33	204	816	1387	197	16	0	1	0	0	0
AM Peak	08:00	00:00	05:00	09:00	09:00	10:00	08:00	08:00	08:00	08:00	05:00	00:00	09:00	00:00	00:00	00:00
	165	32.7	27.7	5.7	1	4	52	189	291	34	3	0	1	0	0	0
PM Peak	13:00	19:00	19:00	16:00	12:00	13:00	13:00	16:00	17:00	13:00	12:00	12:00	12:00	12:00	12:00	12:00
	162	33.5	27.0	6.1	1	4	16	62	82	11	2	0	0	0	0	0

360 TSL Ltd

Direction: Total Flow																
Hour Beginning	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 10-15m	Bin 2 15-20m	Bin 3 20-25m	Bin 4 25-30m	Bin 5 30-35m	Bin 6 35-40m	Bin 7 40-45m	Bin 8 45-50m	Bin 9 50-55m	Bin 10 55-60m	Bin 11 60-65m	Bin 12 65-70m
00:00	19	33.5	26.7	6.5	0	2	1	2	7	7	0	0	0	0	0	0
01:00	11	29.7	26.6	3.0	0	0	0	0	3	7	1	0	0	0	0	0
02:00	3	27.5	27.5	0.0	0	0	0	0	3	3	0	0	0	0	0	0
03:00	18	29.8	22.5	7.1	0	4	3	2	7	2	0	0	0	0	0	0
04:00	20	30.8	26.5	4.2	0	1	0	3	14	2	0	0	0	0	0	0
05:00	80	32.0	27.6	4.2	0	1	3	9	50	14	3	0	0	0	0	0
06:00	155	31.9	26.4	5.3	0	5	17	22	78	26	5	0	0	0	0	0
07:00	465	29.8	25.7	4.0	0	5	27	149	237	46	1	0	0	0	0	0
08:00	727	29.9	25.8	3.9	0	1	56	208	387	70	5	0	0	0	0	0
09:00	321	31.1	26.9	4.0	1	0	12	68	189	46	4	1	0	0	0	0
10:00	225	30.0	25.7	4.1	0	4	13	67	117	23	1	0	0	0	0	0
11:00	395	29.5	25.4	3.9	0	3	20	99	148	25	0	0	0	0	0	0
12:00	424	29.5	25.5	3.9	1	2	29	136	229	23	4	0	0	0	0	0
13:00	382	29.6	25.5	4.0	0	6	17	138	167	31	3	0	0	0	0	0
14:00	118	30.5	26.0	4.3	0	9	12	105	150	42	3	1	0	0	0	0
15:00	157	30.3	26.4	3.7	0	4	9	96	204	42	2	0	0	0	0	0
16:00	131	30.8	26.9	3.8	0	8	15	109	126	79	1	0	0	0	0	0
17:00	405	31.3	26.6	4.6	0	11	10	103	208	65	6	2	0	0	0	0
18:00	127	31.5	26.3	5.0	0	6	8	71	67	25	0	0	0	0	0	0
19:00	81	32.5	26.1	6.2	0	6	7	14	34	16	4	0	0	0	0	0
20:00	48	32.0	27.4	4.4	0	2	1	11	37	16	1	0	0	0	0	0
21:00	48	30.8	26.1	4.5	0	0	4	13	25	4	2	0	0	0	0	0
22:00	20	30.3	26.3	3.9	0	0	1	6	10	3	0	0	0	0	0	0
23:00	35	31.6	24.4	7.0	0	6	3	1	15	5	1	0	0	0	0	0
Total	520	29.7	25.5	4.0	0	7	33	166	205	418	1	0	0	0	0	0
2018-12-18	520	29.7	25.5	4.0	0	7	33	166	205	418	1	0	0	0	0	0
2018-12-19	497	30.7	26.2	4.1	0	9	21	102	194	84	5	1	0	0	0	0
23H57-15	407	30.3	26.1	4.1	0	2	55	228	200	449	57	32	3	1	0	0
24H00-24	513	30.5	26.1	4.2	2	82	268	188	230	2736	613	48	3	1	0	0
Avg Peak	58.00	30.00	25.00	4.00	0.00	0.88	3.88	18.00	58.00	108.00	0.00	0.00	0.00	0.00	0.00	0.00
75th	18.71	31.25	27.1	7.1	0	0	0	0	0	0	0	0	0	0	0	0
90th	15.00	30.00	26.00	5.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
95th Peak	33.75	30.25	25.25	7.0	0	3	15	29	138	332	39	6	2	0	0	0



## North Wales ATC 22, Ffordd William Morgan

Direction: Northbound

07/05/2022

Hour	Total	Vessels	20th Percentile	30th Percentile	40th Percentile	07/05/2021										
						10:00-11:00		11:00-12:00		12:00-13:00		13:00-14:00		14:00-15:00		
						10:00-11:00	11:00-12:00	12:00-13:00	13:00-14:00	14:00-15:00	15:00-16:00	16:00-17:00	17:00-18:00	18:00-19:00	19:00-20:00	
06:00	2	13.5	22.6	5.1	0	0	0	0	0	0	0	0	0	0	0	
07:00	2	18.7	10.0	3.5	0	0	1	1	0	0	0	0	0	0	0	
08:00	5	32.5	25.5	6.7	0	0	0	1	2	0	2	0	0	0	0	
09:00	4	16.8	21.9	4.4	0	0	0	0	0	0	0	0	0	0	0	
10:00	9	27.1	24.4	5.5	0	0	0	3	2	0	0	0	0	0	0	
11:00	3	31.0	26.9	5.8	0	0	0	0	0	0	0	0	0	0	0	
12:00	28	28.4	21.1	7.0	1	7	3	7	8	2	0	0	0	0	0	
13:00	1	30.9	25.6	5.1	0	0	0	0	0	0	0	0	0	0	0	
14:00	45	30.7	26.1	4.5	0	0	0	4	14	18	9	0	0	0	0	
15:00	43	31.3	26.4	4.5	0	2	1	8	27	8	0	0	0	0	0	
16:00	3	31.5	23.9	3.5	0	0	0	1	8	18	14	1	0	0	0	
17:00	79	31.3	26.9	4.2	0	2	0	20	41	15	1	0	0	0	0	
18:00	4	32.4	28.4	3.5	0	0	0	0	0	0	0	0	0	0	0	
19:00	67	31.7	26.9	4.6	0	0	0	6	13	33	13	1	0	0	0	
20:00	4	31.2	27.6	4.7	0	0	0	0	0	0	0	0	0	0	0	
21:00	45	33.7	27.6	5.9	0	2	0	0	10	21	9	2	0	0	0	
22:00	5	35.3	26.2	8.4	0	0	0	0	0	0	0	0	0	0	0	
23:00	49	33.4	26.8	6.4	0	5	2	5	22	13	2	0	0	0	0	
24:00	63	34.1	27.1	6.4	0	7	3	6	22	22	3	0	0	0	0	
01:00	9	31.8	25.9	5.0	0	0	2	0	0	0	0	0	0	0	0	
02:00	14	30.2	24.3	5.8	0	0	0	2	4	7	1	0	0	0	0	
03:00	1	32.4	25.6	6.5	0	0	0	0	0	0	0	0	0	0	0	
04:00	19	40.8	29.6	10.8	0	0	3	3	6	3	2	1	0	4	0	
20:00-21:00	28	18.9	15.5	4.4	0	0	6	2	0	0	0	0	0	0	0	
Total																
14:00-15:00	142	31.5	27.4	3.9	0	2	1	29	29	29	2	0	0	0	0	
15:00-16:00	91	33.0	27.5	5.3	0	0	4	0	17	47	19	3	1	0	0	
16:00-17:00	107	31.6	27.1	5.1	0	0	0	0	0	0	0	0	0	0	0	
17:00-18:00	792	32.6	26.5	5.9	1	5	30	36	158	363	159	18	0	5	2	
All Day																
PHS	11:00	79	32.5	27.8	7.0	06:00	06:00	08:00	11:00	13:00	15:00	17:00	00:00	00:00	00:00	00:00
							1	7	4	20	43	15	1	0	0	0
PHS	12:00	22:00	22:00	22:00	22:00	12:00	16:00	13:00	12:00	12:00	18:00	12:00	22:00	16:00	12:00	12:00

360 TSL Ltd

Direction: Southbound

Age-Group	Total	25%	Median	75%	25th-50th	50th-75th	75th-80th	80th-85th	85th-90th	90th-95th	95th-100th	100th-110th	110th-120th
0-10	1	212	342	250	0	0	0	0	0	0	0	0	0
10-15	11	135	284	45	0	0	0	3	4	3	1	0	0
15-20	6	175	275	15	0	0	0	1	1	1	0	0	0
20-25	1	322	292	2.9	0	0	0	0	2	1	0	0	0
25-30	4	275	275	0.0	0	0	0	0	0	0	0	0	0
30-35	5	518	275	5.1	0	0	0	0	0	0	0	0	0
35-40	52	287	213	6.4	0	6	12	11	18	3	2	0	0
40-45	10	510	359	5.8	0	0	0	0	0	12	2	0	0
45-50	62	305	261	4.3	0	1	5	12	36	8	0	0	0
50-55	1	359	264	4.3	0	0	0	0	0	0	0	0	0
55-60	45	316	268	4.6	0	0	4	9	22	9	1	0	0
60-65	1	302	259	4.2	0	0	0	16	13	8	0	0	0
65-70	6	315	261	5.3	0	0	0	0	0	0	0	0	0
70-75	64	312	265	4.4	0	2	1	18	35	7	0	0	0
75-80	79	385	249	3.9	0	0	0	0	0	0	0	0	0
80-85	64	307	255	5.0	0	3	5	16	30	10	0	0	0
85-90	1	350	256	4.3	0	0	0	0	0	0	0	0	0
90-95	14	315	256	5.8	0	3	6	13	20	11	0	0	0
95-100	54	315	245	6.7	1	4	10	20	10	1	0	0	0
100-105	36	385	245	6.7	0	0	0	0	18	0	0	0	0
105-110	20	305	260	4.3	0	0	2	4	13	0	0	0	0
110-115	1	312	235	4.6	0	0	0	0	0	0	0	0	0
115-120	13	307	263	4.2	0	0	0	6	4	3	0	0	0
120-125	1	278	335	3.8	0	0	0	0	0	0	0	0	0
Total	106	308	263	4.4	0	0	0	10	25	53	17	1	0
2013-16	103	269	253	4.5	0	0	3	7	34	47	12	0	0
2017-19	10	359	258	4.5	0	0	0	0	0	0	0	0	0
2020-24	830	309	257	5.0	2	25	72	209	393	137	11	1	0
2025-29	62	01.00	01.00	06.00	00.00	06	12	36	36	17	0	0	0
30-34	13	17.00	20.00	18.00	16.00	18	22	36	36	12	2	0	0
35-39	17	17.00	20.00	18.00	16.00	18	22	36	36	12	2	0	0
40-44	17	17.00	20.00	18.00	16.00	18	22	36	36	12	2	0	0
45-49	17	17.00	20.00	18.00	16.00	18	22	36	36	12	2	0	0
50-54	17	17.00	20.00	18.00	16.00	18	22	36	36	12	2	0	0
55-59	17	17.00	20.00	18.00	16.00	18	22	36	36	12	2	0	0
60-64	17	17.00	20.00	18.00	16.00	18	22	36	36	12	2	0	0
65-69	17	17.00	20.00	18.00	16.00	18	22	36	36	12	2	0	0

360 TSL Ltd

Direction: Total Flow

[illegible]

360 TSL Ltd



North Wales ATC 22, Flordd William Morgan

Direction: Northbound															
08/05/2022															
Hour Beginning	Total Volume	ECM Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-15	Bin 3 15-20	Bin 4 20-25	Bin 5 25-30	Bin 6 30-35	Bin 7 35-40	Bin 8 40-45	Bin 9 45-50	Bin 10 50-55	Bin 12 >=60
00:00	9	32.1	27.5	4.3	0	0	0	0	0	0	0	0	0	0	0
01:00	2	53.3	35.0	17.7	0	0	0	1	0	0	0	0	1	0	0
02:00	6	30.4	24.2	6.1	0	1	4	0	1	4	0	4	0	0	0
03:00	10	26.5	21.0	5.3	0	2	1	5	2	0	0	0	0	0	0
04:00	10	36.0	27.0	8.6	0	1	0	2	6	0	0	0	1	0	0
05:00	8	30.5	24.4	5.9	0	1	0	3	3	1	0	0	0	0	0
06:00	22	28.8	22.7	5.9	0	2	5	7	7	0	1	0	0	0	0
07:00	31	31.5	25.4	5.9	0	3	5	8	14	4	1	0	0	0	0
08:00	20	33.6	28.3	5.2	0	0	1	4	8	5	2	0	0	0	0
09:00	14	31.6	25.9	5.7	0	1	5	7	13	7	1	0	0	0	0
10:00	65	32.6	27.6	4.9	0	2	2	10	32	17	2	0	0	0	0
11:00	60	30.3	25.4	4.7	1	0	5	19	27	8	0	0	0	0	0
12:00	73	32.0	26.5	5.3	0	2	5	19	29	15	3	0	0	0	0
13:00	57	31.7	27.2	4.3	0	0	2	14	28	11	2	0	0	0	0
14:00	43	31.5	26.7	4.6	0	1	0	15	17	9	1	0	0	0	0
15:00	56	33.1	26.7	6.1	1	1	3	14	25	8	2	2	0	0	0
16:00	69	31.4	26.1	5.1	0	3	4	18	29	16	0	0	0	0	0
17:00	68	31.6	25.2	6.2	2	5	3	17	27	14	0	0	0	0	0
18:00	44	32.5	26.3	6.0	0	4	2	7	20	10	1	0	0	0	0
19:00	35	33.9	26.1	7.5	1	4	1	4	16	7	1	1	0	0	0
20:00	12	32.0	28.8	3.1	0	0	0	0	10	1	1	0	0	0	0
21:00	10	26.5	22.5	5.8	0	1	2	4	2	1	0	0	0	0	0
22:00	15	38.5	28.5	9.7	0	2	0	3	4	3	1	1	1	0	0
23:00	9	25.0	33.7	5.1	0	2	2	4	1	0	0	0	0	0	0
Total	125	31.6	26.5	4.9	1	2	7	29	59	25	2	0	0	0	0
2H(14-16)	99	32.4	26.7	5.5	1	2	3	29	42	17	3	2	0	0	0
12H(7-19)	620	31.9	26.4	2.9	4	22	33	152	268	124	15	2	0	0	0
24H(0-24)	768	32.1	26.1	5.8	5	38	44	189	326	140	19	4	3	0	0
AM Peak	10:00	01:00	01:00	01:00	11:00	07:00	06:00	11:00	10:00	10:00	08:00	00:00	01:00	00:00	00:00
	65	33.3	35.0	17.7	1	3	5	19	32	17	2	0	1	0	0
PM Peak	17:00	22:00	20:00	22:00	17:00	17:00	12:00	12:00	12:00	16:00	12:00	15:00	22:00	12:00	12:00
	73	35.5	28.8	9.7	2	5	5	13	25	16	3	2	1	0	0

360 TSL Ltd

Direction: Southbound															
Hour Beginning	Total Volume	ECM Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-15	Bin 3 15-20	Bin 4 20-25	Bin 5 25-30	Bin 6 30-35	Bin 7 35-40	Bin 8 40-45	Bin 9 45-50	Bin 10 50-55	Bin 12 >=60
00:00	2	28.7	25.0	3.5	0	0	0	1	1	0	0	0	0	0	0
01:00	4	33.0	30.0	2.9	0	0	0	0	0	0	2	0	0	0	0
02:00	10	32.0	26.0	5.8	0	0	1	4	3	1	1	0	0	0	0
03:00	7	31.6	28.2	3.5	0	0	0	1	4	1	0	0	0	0	0
04:00	3	27.2	24.2	2.9	0	0	0	2	1	0	0	0	0	0	0
05:00	6	35.0	26.7	8.0	0	0	2	9	2	3	1	0	0	0	0
06:00	44	29.7	23.4	6.0	0	3	12	10	12	7	0	0	0	0	0
07:00	49	31.6	25.7	5.7	0	0	9	14	15	8	3	0	0	0	0
08:00	40	32.2	26.0	6.0	0	3	4	6	16	11	0	0	0	0	0
09:00	50	31.0	25.5	5.3	0	1	8	11	21	8	1	0	0	0	0
10:00	68	31.5	26.0	5.3	0	3	7	12	33	12	1	0	0	0	0
11:00	69	30.2	24.9	5.1	0	2	11	17	31	7	1	0	0	0	0
12:00	57	29.1	24.6	4.3	0	1	0	20	25	4	0	0	0	0	0
13:00	55	28.1	23.9	4.1	0	0	10	23	19	1	0	0	0	0	0
14:00	52	29.0	24.4	4.4	0	1	7	19	21	4	0	0	0	0	0
15:00	59	29.6	24.4	4.0	0	1	7	21	28	2	0	0	0	0	0
16:00	72	29.8	25.7	4.0	0	0	5	25	33	9	0	0	0	0	0
17:00	75	29.9	24.4	5.3	0	3	14	17	34	6	1	0	0	0	0
18:00	44	30.9	24.3	6.4	0	3	10	8	16	1	2	0	0	0	0
19:00	27	29.3	24.2	4.9	1	0	2	12	10	2	0	0	0	0	0
20:00	15	30.2	27.8	2.3	0	0	0	1	12	0	0	0	0	0	0
21:00	17	30.0	24.0	5.8	0	1	3	6	4	3	0	0	0	0	0
22:00	10	32.4	26.0	7.2	0	0	1	3	1	3	1	1	0	0	0
23:00	1	32.6	27.5	0	0	0	0	0	1	0	0	0	0	0	0
Total	117	30.8	25.4	5.2	0	5	18	29	64	19	2	0	0	0	0
2H(14-16)	111	29.8	24.4	4.2	0	2	14	40	49	6	0	0	0	0	0
12H(7-19)	690	30.2	25.0	5.0	0	18	99	193	292	79	9	0	0	0	0
24H(0-24)	856	30.3	25.0	5.1	1	23	120	233	347	100	12	0	0	0	0
AM Peak	11:00	05:00	01:00	05:00	00:00	06:00	06:00	11:00	10:00	10:00	07:00	00:00	00:00	00:00	00:00
	69	35.0	36.8	8.0	0	3	12	17	39	12	3	0	0	0	0
PM Peak	17:00	22:00	20:00	22:00	19:00	17:00	17:00	16:00	17:00	16:00	18:00	12:00	12:00	12:00	12:00
	79	35.4	27.8	7.2	1	3	14	25	35	9	2	0	0	0	0

360 TSL Ltd

Direction: Total Flow															
Hour Beginning	Total Volume	ECM Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-15	Bin 3 15-20	Bin 4 20-25	Bin 5 25-30	Bin 6 30-35	Bin 7 35-40	Bin 8 40-45	Bin 9 45-50	Bin 10 50-55	Bin 12 >=60
00:00	11	31.4	27.0	4.2	0	0	0	4	4	3	0	0	0	0	0
01:00	6	40.6	31.7	8.6	0	0	0	1	2	2	0	0	1	0	0
02:00	16	31.3	25.3	5.8	0	1	1	5	7	1	1	0	0	0	0
03:00	17	30.0	24.0	5.8	0	2	1	6	6	2	0	0	0	0	0
04:00	13	34.3	26.3	7.7	0	0	0	4	7	0	0	0	0	0	0
05:00	14	32.3	25.4	6.7	0	1	2	3	5	2	1	0	0	0	0
06:00	66	29.3	23.2	5.9	0	5	17	17	19	7	1	0	0	0	0
07:00	80	31.5	25.6	5.8	0	3	10	22	29	12	4	0	0	0	0
08:00	60	32.8	26.8	5.8	0	3	5	10	34	16	2	0	0	0	0
09:00	84	31.5	25.7	5.5	0	2	13	18	34	15	2	0	0	0	0
10:00	133	32.1	26.7	5.2	0	5	9	22	65	29	3	0	0	0	0
11:00	129	30.2	25.1	4.9	0	2	16	36	58	25	1	0	0	0	0
12:00	130	30.9	25.7	5.0	0	3	12	39	54	19	3	0	0	0	0
13:00	117	30.3	25.6	4.5	0	2	12	37	47	14	2	0	0	0	0
14:00	95	30.3	25.4	4.6	0	2	7	34	38	13	1	0	0	0	0
15:00	115	31.0	25.5	5.3	1	2	10	35	53	10	2	2	0	0	0
16:00	141	30.6	25.9	4.6	0	3	9	43	61	25	0	0	0	0	0
17:00	143	30.7	24.8	5.7	2	8	17	34	61	20	1	0	0	0	0
18:00	68	31.8	25.3	6.2	0	7	12	15	36	15	3	0	0	0	0
19:00	62	32.0	25.3	6.5	2	4	3	16	26	9	1	1	0	0	0
20:00	27	31.0	28.2	2.7	0	0	0	1	22	3	1	0	0	0	0
21:00	27	29.4	23.4	5.7	0	2	5	10	0	0	0	0	0	0	0
22:00	25	36.2	27.1	8.8	0	3	1	6	7	4	2	1	1	0	0
23:00	10	35.1	29.5	5.4	0	2	2	4	2	0	0	0	0	0	0
Total	262	31.2	26.0	5.1	1	7	25	58	123	44	4	0	0	0	0
2H(14-16)	210	30.7	25.5	5.0	1	4	17	69	95	23	3	2	0	0	0
12H(7-19)	1310	31.1	25.6	5.2	4	40	132	345	560	203	24	2	0	0	0
24H(0-24)	1604	31.2	25.5	5.5	6	61	164	422	673	240	31	4	3	0	0
AM Peak	10:00	01:00	01:00	01:00	11:00	06:00	06:00	11:00	10:00	10:00	07:00	00:00	01:00	00:00	00:00
	133	40.6	31.7	8.6	1	5	17	17	19	7	1	0	0	0	0
PM Peak	17:00	22:00	30:29	30:29	17:00	17:00	17:00	17:00	17:00	13:00	15:00	22:00	13:00	13:00	12:00
	143	36.2	28.2	8.8	2	8	17	43	61	25	3	2	1	0	0



North Wales ATC 22, Flordd William Morgan

09/05/2022																			
Hour Beginning	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-15	Bin 3 15-20	Bin 4 20-25	Bin 5 25-30	Bin 6 30-35	Bin 7 35-40	Bin 8 40-45	Bin 9 45-50	Bin 10 50-55	Bin 11 55-60	Bin 12 >60			
00:00	9	29.3	24.2	5.0	0	0	2	0	0	0	0	0	0	0	0	0			
01:00	7	31.8	28.2	3.5	0	0	0	1	4	2	0	0	0	0	0	0			
02:00	10	27.9	25.5	5.0	0	1	9	46	84	13	2	0	0	0	0	0			
03:00	4	31.5	23.8	7.5	0	1	0	0	3	0	0	0	0	0	0	0			
04:00	5	42.0	33.5	8.2	0	0	0	0	2	2	0	0	0	1	0	0			
05:00	12	32.1	29.2	3.3	0	0	0	1	4	5	0	0	0	0	0	0			
06:00	52	30.7	24.0	6.4	0	9	2	12	22	7	0	0	0	0	0	0			
07:00	42	32.4	4.8	1	2	1	13	1	43	23	1	0	0	0	0	0			
08:00	163	31.0	26.9	3.9	0	2	4	27	104	21	3	0	0	0	0	0			
09:00	96	30.9	26.7	4.1	0	1	3	25	50	16	1	0	0	0	0	0			
10:00	94	30.4	26.9	3.5	0	0	3	20	57	14	0	0	0	0	0	0			
11:00	104	31.1	27.1	3.9	0	1	2	22	59	19	1	0	0	0	0	0			
12:00	155	30.0	25.9	3.9	0	1	9	46	84	13	2	0	0	0	0	0			
13:00	180	31.0	26.6	4.2	0	3	8	37	104	25	3	0	0	0	0	0			
14:00	147	30.7	26.5	4.1	0	2	3	43	77	19	3	0	0	0	0	0			
15:00	202	30.6	26.4	4.1	1	1	1	9	52	109	29	1	0	0	0	0			
16:00	576	30.5	26.7	3.7	0	8	10	152	351	74	2	0	0	0	0	0			
17:00	490	30.7	26.8	3.7	0	11	4	92	317	65	1	0	0	0	0	0			
18:00	149	32.0	26.5	5.4	0	12	3	22	80	31	1	0	0	0	0	0			
19:00	66	31.4	25.9	5.3	0	3	6	14	29	14	0	0	0	0	0	0			
20:00	41	31.1	26.6	4.3	0	0	3	9	22	6	1	0	0	0	0	0			
21:00	50	34.5	29.2	5.1	0	0	2	9	14	20	5	0	0	0	0	0			
22:00	13	31.8	28.7	3.0	0	0	0	1	8	4	0	0	0	0	0	0			
23:00	10	23.8	22.5	7.1	0	2	2	1	4	1	0	0	0	0	0	0			
Total	2188	30.8	27.0	3.7	0	1	5	42	116	33	1	0	0	0	0	0			
2H(14-16)	149	30.7	26.4	4.1	1	3	12	95	186	48	4	0	0	0	0	0			
12H(7-19)	2440	30.8	26.7	4.0	2	44	61	553	1435	347	19	1	0	0	0	0			
24H(0-24)	2739	31.0	26.6	4.2	2	42	80	584	1554	450	25	1	1	0	0	0			
AM Peak	08:00	04:00	04:00	04:00	07:00	06:00	08:00	08:00	08:00	07:00	08:00	00:00	04:00	00:00	00:00	00:00			
	163	42.8	33.5	8.2	1	9	6	27	104	21	3	0	1	0	0	0			
PM Peak	16:00	21:00	21:00	23:00	15:00	18:00	16:00	16:00	16:00	16:00	21:00	16:00	12:00	12:00	12:00	12:00			
	578	34.5	29.2	7.1	1	12	10	132	351	74	2	1	1	0	0	0			

360 TSL Ltd

Direction: Southbound																			
Hour Beginning	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-15	Bin 3 15-20	Bin 4 20-25	Bin 5 25-30	Bin 6 30-35	Bin 7 35-40	Bin 8 40-45	Bin 9 45-50	Bin 10 50-55	Bin 11 55-60	Bin 12 >60			
00:00	1	-	27.5		0	0	0	0	1	0	0	0	0	0	0	0			
01:00	5	30.8	28.5	2.2	0	0	0	0	4	1	0	0	0	0	0	0			
02:00	5	27.5	27.5	0.0	0	0	0	0	5	0	0	0	0	0	0	0			
03:00	1	1	27.5		0	0	0	0	1	0	0	0	0	0	0	0			
04:00	11	33.5	26.6	6.6	0	1	0	3	4	2	1	0	0	0	0	0			
05:00	77	31.1	27.4	3.6	0	1	2	8	52	14	0	0	0	0	0	0			
06:00	106	30.3	24.7	5.4	0	7	15	21	52	10	1	0	0	0	0	0			
07:00	444	29.4	25.3	4.0	0	7	30	146	220	29	2	0	0	0	0	0			
08:00	609	28.9	24.9	3.8	0	12	38	234	297	28	4	0	0	0	0	0			
09:00	223	28.7	24.5	4.1	1	2	20	100	84	16	0	0	0	0	0	0			
10:00	97	30.2	25.2	4.8	0	2	9	36	35	14	1	0	0	0	0	0			
11:00	120	29.4	24.8	4.4	0	2	14	39	58	6	0	1	0	0	0	0			
12:00	129	28.7	24.7	3.8	0	1	12	52	57	7	0	0	0	0	0	0			
13:00	177	27.2	24.7	4.3	1	3	15	60	75	14	0	0	0	0	0	0			
14:00	158	29.0	24.9	3.9	0	1	12	66	68	10	1	0	0	0	0	0			
15:00	152	28.4	25.6	4.5	1	3	20	72	45	11	0	0	0	0	0	0			
16:00	137	28.9	25.9	3.8	0	2	5	42	75	13	0	0	0	0	0	0			
17:00	183	30.2	25.9	4.2	0	2	13	56	97	19	2	0	0	0	0	0			
18:00	89	28.2	25.0	5.1	0	4	22	30	28	4	1	0	0	0	0	0			
19:00	34	30.1	25.1	4.8	0	1	2	14	13	3	1	0	0	0	0	0			
20:00	28	31.0	25.9	4.9	0	1	2	7	13	0	0	0	0	0	0	0			
21:00	11	30.6	24.3	6.0	0	1	1	4	3	2	0	0	0	0	0	0			
22:00	7	31.7	27.5	4.1	0	0	0	2	3	1	0	0	0	0	0	0			
23:00	7	27.6	23.1	6.3	0	1	2	1	0	1	0	0	0	0	0	0			
Total	217	29.8	25.0	4.6	0	4	23	75	91	20	1	1	0	0	0	0			
2H(14-16)	110	28.7	24.4	4.2	1	4	32	138	113	21	1	0	0	0	0	0			
12H(7-19)	2108	29.2	24.9	4.1	3	41	210	936	1139	171	7	1	0	0	0	0			
24H(0-24)	2601	29.4	25.0	4.2	3	54	234	996	1290	211	10	1	0	0	0	0			
AM Peak	08:00	04:00	03:00	04:00	09:00	08:00	08:00	08:00	08:00	07:00	07:00	11:00	00:00	00:00	00:00	00:00			
	499	33.5	28.5	6.6	1	12	36	234	297	29	2	1	0	0	0	0			
PM Peak	17:00	22:00	22:00	23:00	13:00	18:00	18:00	15:00	17:00	17:00	17:00	12:00	12:00	12:00	12:00	12:00			
	183	31.7	27.5	6.3	1	4	22	72	97	19	2	0	0	0	0	0			

360 TSL Ltd

Direction: Total Flow																	
Hour Beginning	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-15	Bin 3 15-20	Bin 4 20-25	Bin 5 25-30	Bin 6 30-35	Bin 7 35-40	Bin 8 40-45	Bin 9 45-50	Bin 10 50-55	Bin 11 55-60	Bin 12 >60	
00:00	10	29.5	24.5	4.8	0	0	2	3	4	1	0	0	0	0	0	0	
01:00	12	31.3	28.3	2.9	0	0	0	1	8	3	0	0	0	0	0	0	
02:00	15	29.7	22.8	6.7	0	3	2	2	7	1	0	0	0	0	0	0	
03:00	5	31.5	24.5	6.7	0	1	0	0	4	0	0	0	0	0	0	0	
04:00	16	36.7	28.6	7.6	0	1	0	3	6	4	1	0	0	0	0	0	
05:00	89	31.4	27.7	3.6	0	1	2	9	58	19	0	0	0	0	0	0	
06:00	158	30.4	24.5	5.8	0	16	17	33	74	17	1	0	0	0	0	0	
07:00	516	30.0	25.6	4.2	1	9	31	159	263	50	3	0	0	0	0	0	
08:00	772	28.4	23.2	3.9	0	14	44	244	458	149	0	0	0	0	0	0	
09:00	753	29.5	24.2	4.1	0	2	10	235	334	182	3	1	0	0	0	0	
10:00	1091	29.4	26.0	4.3	0	2	12	365	525	128	1	0	0	0	0	0	
11:00	1043	28.9	43.3	4.3	3	3	16	562	927	28	1	0	0	0	0	0	
12:00	284	29.4	25.4	3.9	0	2	21	98	141	20	2	0	0	0	0	0	
13:00	247	29.7	24.7	4.4	0	4	0	39	156	29	3	0	0	0	0	0	
14:00	305	29.9	25.7	4.1	0	3	0	55	109	45	0	0	0	0	0	0	
15:00	354	28.8	25.2	4.4	2	4	29	124	156	40	1	0	0	0	0	0	
16:00	385	29.5	26.5	3.7	0	10	15	174	426	82	0	0	0	0	0	0	
17:00	673	30.6	26.6	3.9	0	13	17	142	414	84	3	0	0	0	0	0	
18:00	688	29.2	25.5	5.6	0	16	25	166	425	11	0	0	0	0	0	0	
19:00	501	30.9	25.7	5.1	0	4	8	28	42	11	0	0	0	0	0	0	
20:00	344	30.3	26.3	4.5	0	1	5	36	35	11	1	0	0	0	0	0	
21:00	61	34.1	28.3	5.6	0	1	3	13	17	22	5	0	0	0	0	0	
22:00	20	31.7	28.3	3.4	0	0	0	3	11	6	0	0	0	0	0	0	
23:00	17	29.7	23.9	6.6	0	3	4	4	4	2	0	0	0	0	0	0	
DNE132																	
00:00	415	30.4	26.0	4.3	0	5	28	117	209	53	2	1	0	0	0	0	
01:00	460	28.9	24.3	4.2	0	7	44	248	298	67	1	0	0	0	0	0	
02:00	494	30.1	25.8	4.2	0	5	85	271	447	204	58	26	2	1	0	0	
03:00	520	30.3	25.8	4.3	5	116	314	5362	2844	621	35	2	1	0	0	0	
Ave Peak																	
00:00	48.00	29.40	24.00	94.00	07.00	06.00	08.00	08.00	08.00	07.00	07.00	11.00	04.00	00.00	00.00	00.00	00.00
01:00	57.00	31.74	27.00	56.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00
02:00	70.00	29.10	21.00	15.00	15.00	18.00	15.00	16.00	18.00	21.00	56.00	13.00	13.00	13.00	13.00	12.00	12.00
03:00	73.00	34.17	28.33	6.00	2	36	29	374	632	87	5	1	0	0	0	0	0



North Wales ATC 22, Flordd William Morgan

Direction: Northbound

10/05/2022

Hour Beginning	Total Volume	ECM Percentile	Mean Average	Standard Deviation	Bin 1 0-10mph	Bin 2 10-15	Bin 3 15-20	Bin 4 20-25	Bin 5 25-30	Bin 6 30-35	Bin 7 35-40	Bin 8 40-45	Bin 9 45-50	Bin 10 50-55	Bin 11 55-60	Bin 12 60-69
00:00	9	31.1	25.5	5.7	0	1	0	0	0	0	0	0	0	0	0	0
01:00	5	30.3	23.5	6.5	0	0	2	1	1	1	0	0	0	0	0	0
02:00	1	-	22.5	-	0	0	0	1	0	0	0	0	0	0	0	0
03:00	9	24.4	17.0	7.2	1	4	1	1	2	0	0	0	0	0	0	0
04:00	4	28.9	20.1	8.4	1	0	0	2	1	0	0	0	0	0	0	0
05:00	8	34.8	27.5	7.1	0	1	0	1	2	4	0	0	0	0	0	8
06:00	49	32.0	25.1	6.7	0	8	1	9	21	9	1	0	0	0	0	0
07:00	86	30.3	27.0	8.1	0	0	1	18	55	112	0	0	0	0	0	0
08:00	195	31.6	27.4	4.1	0	1	8	34	107	42	3	0	0	0	0	0
09:00	155	30.7	27.1	3.5	0	1	1	29	82	21	1	0	0	0	0	0
10:00	113	31.7	27.2	4.3	0	1	3	27	54	26	2	0	0	0	0	0
11:00	116	31.4	27.1	4.2	0	1	0	34	58	18	5	0	0	0	0	0
12:00	203	29.9	26.2	3.6	0	2	3	66	108	24	0	0	0	0	0	0
13:00	154	30.8	26.2	4.5	0	5	4	43	79	21	2	0	0	0	0	0
14:00	196	30.9	26.3	4.5	0	4	8	55	95	31	3	0	0	0	0	0
15:00	227	31.7	27.1	4.4	0	5	4	50	114	51	3	0	0	0	0	0
16:00	126	30.9	27.0	3.7	1	7	7	100	124	86	1	0	0	0	0	0
17:00	125	31.0	27.3	3.6	0	7	5	91	127	93	2	0	0	0	0	0
18:00	127	31.0	27.3	5.5	0	7	5	17	58	36	4	0	0	0	0	0
19:00	42	34.1	27.6	6.3	0	3	1	7	16	11	4	0	0	0	0	0
20:00	31	30.9	26.7	4.1	0	0	1	10	13	7	0	0	0	0	0	0
21:00	49	32.5	28.3	4.0	0	0	1	7	26	13	2	0	0	0	0	0
22:00	16	32.8	28.8	3.9	0	0	0	2	9	4	1	0	0	0	0	0
23:00	17	33.6	25.4	7.9	0	3	2	0	7	4	1	0	0	0	0	0
Total	229	31.5	27.2	4.2	0	2	3	61	112	44	7	0	0	0	0	0
2H(14-16)	423	31.4	26.8	4.4	0	9	12	105	209	82	6	0	0	0	0	0
12H(7-19)	2605	31.1	27.0	4.0	1	41	49	564	1461	463	26	0	0	0	0	0
24H(0-24)	2845	31.3	26.9	4.2	3	61	58	607	1504	517	35	0	0	0	0	0
AM Peak	08:00	05:00	05:00	04:00	03:00	06:00	08:00	08:00	08:00	08:00	11:00	00:00	00:00	00:00	00:00	00:00
	195	34.8	27.5	8.4	1	8	8	34	107	42	5	0	0	0	0	0
PM Peak	16:00	19:00	22:00	23:00	16:00	16:00	14:00	16:00	17:00	17:00	18:00	12:00	12:00	12:00	12:00	12:00
	128	34.3	28.8	7.9	1	7	8	100	127	93	4	0	0	0	0	0

360 TSL Ltd

Direction: Southbound

Hour Beginning	Total Volume	ECM Percentile	Mean Average	Standard Deviation	Bin 1 0-10mph	Bin 2 10-15	Bin 3 15-20	Bin 4 20-25	Bin 5 25-30	Bin 6 30-35	Bin 7 35-40	Bin 8 40-45	Bin 9 45-50	Bin 10 50-55	Bin 11 55-60	Bin 12 60-69
00:00	3	32.7	27.5	5.0	0	0	0	1	1	3	0	0	0	0	0	0
01:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
02:00	1	-	27.5	-	0	0	0	0	1	0	0	0	0	0	0	0
03:00	2	28.7	25.0	6.3	0	0	0	0	1	0	0	0	0	0	0	0
04:00	7	30.2	28.2	3.9	0	0	0	0	6	1	0	0	0	0	0	0
05:00	76	31.2	27.4	3.6	0	1	2	9	36	14	0	0	0	0	0	0
06:00	101	28.7	25.1	6.4	0	1	15	25	53	9	0	0	0	0	0	0
07:00	448	28.9	25.6	4.1	1	9	28	124	252	31	3	0	0	0	0	0
08:00	667	28.5	24.9	3.4	1	3	41	272	333	16	1	0	0	0	0	0
09:00	247	30.5	25.7	4.6	0	7	15	73	117	33	2	0	0	0	0	0
10:00	138	30.1	25.7	4.3	1	0	8	41	60	15	1	0	0	0	0	0
11:00	139	28.9	24.6	4.2	0	2	14	58	54	11	0	0	0	0	0	0
12:00	147	28.2	24.2	3.9	0	1	16	70	52	8	0	0	0	0	0	0
13:00	355	28.9	24.7	4.0	0	1	17	66	70	19	1	0	0	0	0	0
14:00	136	29.3	25.2	4.0	0	1	8	58	56	12	1	0	0	0	0	0
15:00	129	29.8	25.4	4.3	0	3	7	46	60	12	1	0	0	0	0	0
16:00	171	29.7	25.2	4.4	0	4	18	47	87	15	0	0	0	0	0	0
17:00	155	29.5	26.4	3.9	0	2	7	34	94	18	1	0	0	0	0	0
18:00	61	28.4	25.6	5.5	0	5	12	12	28	4	0	0	0	0	0	0
19:00	21	29.1	24.9	4.1	0	0	3	6	11	3	0	0	0	0	0	0
20:00	36	31.9	28.6	4.2	0	0	0	5	21	1	0	0	0	0	0	0
21:00	11	32.5	27.0	5.2	0	0	2	0	6	3	0	0	0	0	0	0
22:00	6	30.8	27.5	3.3	0	0	0	0	1	4	1	0	0	0	0	0
23:00	8	28.3	25.6	2.6	0	0	0	1	5	0	0	0	0	0	0	0
Total	267	29.5	25.1	4.2	1	2	22	101	114	26	1	0	0	0	0	0
2H(14-16)	365	29.5	25.3	4.1	0	4	15	104	116	24	2	0	0	0	0	0
12H(7-19)	2598	29.4	25.2	4.1	3	38	191	903	1262	185	11	0	0	0	0	0
24H(0-24)	2867	29.6	25.3	4.1	3	40	213	954	1421	223	12	1	0	0	0	0
AM Peak	08:00	05:00	04:00	00:00	07:00	07:00	08:00	08:00	08:00	09:00	07:00	00:00	00:00	00:00	00:00	00:00
	447	32.7	28.1	5.9	1	9	41	272	333	31	3	0	0	0	0	0
PM Peak	16:00	20:00	20:00	18:00	12:00	18:00	16:00	12:00	17:00	17:00	13:00	20:00	12:00	12:00	12:00	12:00
	171	32.9	28.6	5.5	0	5	18	70	93	18	1	0	0	0	0	0

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	ECM Percentile	Mean Average	Standard Deviation	Bin 1 0-10mph	Bin 2 10-15	Bin 3 15-20	Bin 4 20-25	Bin 5 25-30	Bin 6 30-35	Bin 7 35-40	Bin 8 40-45	Bin 9 45-50	Bin 10 50-55	Bin 11 55-60	Bin 12 60-69
00:00	12	31.4	25.8	5.4	0	1	0	3	6	2	0	0	0	0	0	0
01:00	5	30.3	23.5	6.5	0	0	2	1	1	1	0	0	0	0	0	0
02:00	2	28.7	25.0	5.5	0	0	0	1	1	0	0	0	0	0	0	2
03:00	11	26.0	18.5	7.3	1	4	1	2	3	0	0	0	0	0	0	0
04:00	11	31.8	25.3	6.3	1	0	0	0	2	7	1	0	0	0	0	0
05:00	84	31.6	27.4	4.0	0	2	2	10	52	18	0	0	0	0	0	0
06:00	152	30.5	25.1	5.2	0	9	16	34	74	18	1	0	0	0	0	0
07:00	134	30.0	25.8	4.0	1	9	29	142	307	43	3	0	0	0	0	0
08:00	862	29.3	25.4	3.7	1	4	49	306	440	54	4	0	0	0	0	0
09:00	382	30.7	26.2	4.3	0	8	16	102	199	54	1	0	0	0	0	0
10:00	241	30.9	26.4	4.3	1	1	11	70	114	41	3	0	0	0	0	0
11:00	155	30.2	25.7	4.3	0	3	24	92	112	29	5	0	0	0	0	0
12:00	350	29.3	25.3	3.8	0	3	19	136	160	32	0	0	0	0	0	0
13:00	119	29.9	25.4	4.3	0	0	21	109	149	31	3	0	0	0	0	0
14:00	132	30.3	25.9	4.3	0	5	16	113	111	43	4	0	0	0	0	0
15:00	156	31.1	26.5	4.4	0	8	11	96	174	63	4	0	0	0	0	0
16:00	699	30.7	26.6	4.0	1	11	25	147	411	103	1	0	0	0	0	0
17:00	680	30.9	27.1	3.7	0	9	12	125	420	111	3	0	0	0	0	0
18:00	188	32.1	26.1	5.7	0	12	17	29	86	43	1	0	0	0	0	0
19:00	63	32.7	26.7	5.8	0	3	4	13	27	12	4	0	0	0	0	0
20:00	67	32.1	27.7	4.2	0	0	1	15	34	15	1	1	0	0	0	0
21:00	60	32.5	28.1	4.2	0	0	3	7	16	2	0	0	0	0	0	0
22:00	22	32.2	28.4	3.7	0	0	0	3	13	5	1	0	0	0	0	0
23:00	25	31.4	25.5	6.6	0	3	2	1	11	4	1	0	0	0	0	0
Total	496	30.6	26.1	4.3	1	4	25	162	226	70	8	0	0	0	0	0
2H(14-16)	688	30.7	26.2	4.4	0	13	27	209	325	106	8	0	0	0	0	0
12H(7-19)	5188	30.4	26.1	4.1	4	79	240	1407	2723	648	37	0	0	0	0	0
24H(0-24)	5712	30.5	26.1	4.3	6	101	271	1561	2985	740	47	1	0	0	0	0
AM Peak	08:00	04:00	05:00	06:00	03:00	06:00	08:00	08:00	08:00	11:00	00:00	00:00	00:00	00:00	00:00	00:00
PM Peak	17:00	18:00	17:00	17:00	16:00	16:00	16:00	16:00	17:00	17:00	14:00	00:00	13:00	13:00	13:00	12:00
	699	32.7	28.4	4.6	3	32	25	147	420	111	4	1	0	0	0	0



North Wales ATC 22, Flordd William Morgan

Direction: Northbound															11/05/2022	
Hour Beginning	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-15	Bin 3 15-20	Bin 4 20-25	Bin 5 25-30	Bin 6 30-35	Bin 7 35-40	Bin 8 40-45	Bin 9 45-50	Bin 10 50-55	Bin 11 55-60	Bin 12 >=60
00:00	11	27.3	23.4	4.4	0	0	0	0	0	0	0	0	0	0	0	0
01:00	8	33.9	26.9	6.8	0	0	1	3	1	2	1	0	0	0	0	0
02:00	7	34.9	26.8	7.0	0	1	0	2	0	4	0	0	0	0	0	0
03:00	7	30.4	22.5	7.6	0	1	2	2	0	2	0	0	0	0	0	0
04:00	8	24.0	18.1	5.6	0	3	2	2	1	0	0	0	0	0	0	0
05:00	7	32.1	26.8	5.3	0	0	1	1	1	1	2	0	0	0	0	0
06:00	53	33.1	25.2	7.6	0	9	2	11	18	9	3	1	0	0	0	0
07:00	43	30.4	26.2	4.1	0	1	5	20	46	11	0	0	0	0	0	0
08:00	108	30.6	25.9	4.5	1	6	7	56	101	26	1	0	0	0	0	0
09:00	133	29.9	26.0	3.7	0	1	3	47	67	14	1	0	0	0	0	0
10:00	135	29.4	25.2	4.0	0	0	11	54	56	13	1	0	0	0	0	0
11:00	153	29.3	25.2	3.9	0	1	14	48	80	10	0	0	0	0	0	0
12:00	180	29.1	24.5	4.5	0	4	17	65	61	12	1	0	0	0	0	0
13:00	186	31.5	27.5	3.9	0	2	3	30	113	34	4	0	0	0	0	0
14:00	145	31.3	26.9	4.2	0	1	6	36	69	12	1	0	0	0	0	0
15:00	269	31.3	26.4	4.8	0	15	3	58	148	42	3	0	0	0	0	0
16:00	475	31.2	27.2	3.7	1	7	6	72	268	83	1	0	0	0	0	0
17:00	569	31.2	27.2	3.8	0	11	9	92	352	104	2	0	0	0	0	0
18:00	136	30.8	26.5	4.1	0	4	2	33	76	21	0	0	0	0	0	0
19:00	87	32.6	27.4	5.0	0	1	5	18	39	19	5	0	0	0	0	0
20:00	39	30.3	26.9	3.3	0	0	1	8	25	5	0	0	0	0	0	0
21:00	71	32.2	29.1	3.9	0	0	2	5	35	26	3	0	0	0	0	0
22:00	19	31.8	26.4	5.2	0	1	0	6	7	5	0	0	0	0	0	0
23:00	24	34.6	26.0	8.3	0	5	1	1	8	7	2	0	0	0	0	0
Total																
201610-12	288	29.3	25.2	4.0	0	1	25	102	136	23	1	0	0	0	0	0
201614-16	414	31.1	26.6	4.6	0	16	9	94	217	74	4	0	0	0	0	0
120167-19	2642	30.8	26.5	4.2	2	53	86	430	1474	402	15	0	0	0	0	0
240169-24	2981	31.1	26.5	4.4	2	74	206	672	1636	483	29	1	0	0	0	0
AM Peak	08:00	02:00	03:00	02:00	08:00	06:00	11:00	08:00	08:00	08:00	06:00	06:00	00:00	00:00	00:00	00:00
	188	34.9	26.9	7.8	1	9	14	56	101	26	3	1	0	0	0	0
PM Peak	17:00	23:00	21:00	23:00	16:00	15:00	12:00	17:00	17:00	17:00	19:00	12:00	12:00	12:00	12:00	12:00
	569	34.6	28.1	8.3	1	15	17	91	352	104	5	0	0	0	0	0

360 TSL Ltd

Direction: Southbound																
Hour Beginning	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-15	Bin 3 15-20	Bin 4 20-25	Bin 5 25-30	Bin 6 30-35	Bin 7 35-40	Bin 8 40-45	Bin 9 45-50	Bin 10 50-55	Bin 11 55-60	Bin 12 >=60
00:00	7	30.4	26.8	3.5	0	0	0	2	4	1	0	0	0	0	0	0
01:00	4	28.8	26.3	2.5	0	0	0	1	0	0	0	0	0	0	0	0
02:00	2	22.5	22.5	0.0	0	0	0	2	0	0	0	0	0	0	0	0
03:00	3	27.2	24.2	3.9	0	0	0	2	1	0	0	0	0	0	0	0
04:00	9	27.5	27.5	0.0	0	0	0	0	9	0	0	0	0	0	0	0
05:00	75	30.9	26.8	4.2	0	0	4	19	42	7	3	0	0	0	0	0
06:00	114	30.2	25.0	5.1	0	5	12	35	47	14	1	0	0	0	0	0
07:00	445	28.9	25.4	3.4	0	1	21	165	237	20	1	0	0	0	0	0
08:00	652	28.6	24.5	4.0	2	11	61	254	302	22	0	0	0	0	0	0
09:00	278	28.8	24.5	3.9	0	4	26	115	120	13	0	0	0	0	0	0
10:00	151	28.4	23.8	4.4	0	3	26	60	56	4	0	0	0	0	0	0
11:00	176	27.2	23.1	4.0	0	5	29	87	51	4	0	0	0	0	0	0
12:00	244	28.5	23.8	4.5	2	4	36	105	81	16	0	0	0	0	0	0
13:00	170	29.5	25.9	3.5	0	0	8	54	91	15	0	0	0	0	0	0
14:00	147	29.1	24.8	4.1	0	1	16	58	59	13	0	0	0	0	0	0
15:00	187	28.5	24.6	3.5	0	1	13	78	86	7	0	0	0	0	0	0
16:00	173	29.7	26.5	3.1	0	0	1	48	108	15	1	0	0	0	0	0
17:00	197	29.9	25.5	4.2	0	2	18	58	98	21	1	0	0	0	0	0
18:00	127	30.7	25.1	5.5	0	4	20	35	56	12	3	1	0	0	0	0
19:00	48	29.0	24.0	4.8	0	1	12	9	24	2	0	0	0	0	0	0
20:00	25	29.7	24.7	4.8	0	2	1	7	14	0	0	0	0	0	0	0
21:00	15	32.2	25.2	6.8	0	1	2	5	3	3	1	0	0	0	0	0
22:00	7	28.7	24.6	3.9	0	0	0	0	5	1	1	0	0	0	0	0
23:00	1	22.2	24.2	2.9	0	0	0	2	1	0	0	0	0	0	0	0
Total																
201610-12	327	27.8	23.4	4.2	0	8	55	147	107	8	2	0	0	0	0	0
201614-16	1384	28.8	24.8	3.8	0	2	29	136	147	20	0	0	0	0	0	0
120167-19	2947	29.0	24.8	4.0	4	36	275	1113	1549	161	8	1	0	0	0	0
240169-24	4259	29.1	24.8	4.1	4	45	306	1202	1498	190	13	1	0	0	0	0
AM Peak	08:00	05:00	04:00	06:00	08:00	08:00	08:00	08:00	08:00	08:00	05:00	00:00	00:00	00:00	00:00	00:00
	402	30.9	27.6	5.1	2	11	61	254	302	22	3	0	0	0	0	0
PM Peak	12:00	21:00	16:00	21:00	12:00	13:00	13:00	13:00	16:00	17:00	18:00	18:00	12:00	12:00	12:00	12:00
	244	32.2	26.5	6.8	2	4	35	105	108	29	5	1	0	0	0	0

360 TSL Ltd

Direction: Total Flow																
Hour Beginning	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-15	Bin 3 15-20	Bin 4 20-25	Bin 5 25-30	Bin 6 30-35	Bin 7 35-40	Bin 8 40-45	Bin 9 45-50	Bin 10 50-55	Bin 11 55-60	Bin 12 >=60
00:00	18	29.2	24.7	4.3	0	0	3	5	9	1	0	0	0	0	0	0
01:00	12	32.4	26.7	5.6	0	0	1	4	4	2	1	0	0	0	0	0
02:00	9	33.2	25.8	7.1	0	1	0	4	0	4	0	0	0	0	0	0
03:00	10	29.7	23.0	6.4	0	1	2	4	1	2	0	0	0	0	0	0
04:00	17	29.4	23.1	6.1	0	3	2	2	10	0	0	0	0	0	0	0
05:00	82	31.0	26.6	4.2	0	0	5	20	45	9	3	0	0	0	0	0
06:00	167	31.2	25.0	6.0	0	14	14	46	65	23	4	1	0	0	0	0
07:00	328	29.1	25.5	3.5	0	2	26	185	293	31	1	0	0	0	0	0
08:00	850	29.3	24.8	4.2	3	17	68	332	403	48	1	0	0	0	0	0
09:00	411	29.0	25.0	3.9	0	5	29	162	187	27	1	0	0	0	0	0
10:00	285	28.9	24.5	4.3	0	3	37	154	112	17	3	0	0	0	0	0
11:00	329	28.2	24.1	4.2	0	6	42	125	121	14	0	0	0	0	0	0
12:00	404	28.7	24.1	4.5	2	8	53	170	142	28	1	0	0	0	0	0
13:00	336	30.5	26.7	3.8	0	2	11	84	206	49	4	0	0	0	0	0
14:00	292	30.3	25.8	4.3	0	2	22	94	128	45	1	0	0	0	0	0
15:00	456	30.3	25.7	4.4	0	16	16	136	236	49	3	0	0	0	0	0
16:00	648	30.7	27.1	3.6	1	7	7	120	413	98	0	0	0	0	0	0
17:00	766	30.9	26.8	4.0	0	13	27	149	450	124	3	0	0	0	0	0
18:00	369	29.8	26.9	4.0	0	8	22	64	132	33	0	0	0	0	0	0
19:00	135	31.5	26.2	5.2	0	2	17	27	63	21	5	0	0	0	0	0
20:00	64	30.2	26.0	4.2	0	2	2	15	39	6	0	0	0	0	0	0
21:00	86	33.4	28.4	4.8	0	1	4	10	38	29	4	0	0	0	0	0
22:00	26	31.0	26.0	4.9	0	1	0	11	8	6	0	0	0	0	0	0
23:00	27	34.0	29.8	7.8	0	5	1	3	9	7	2	0	0	0	0	0
Total																
21612312	615	28.6	24.3	4.2	0	9	80	249	243	31	3	0	0	0	0	0
21612313	588	28.8	24.3	4.3	0	18	78	220	364	94	2	0	0	0	0	0
21612314	5080	29.9	25.6	4.2	0	6	89	361	1723	283	563	23	1	1	0	0
21612315	5080	29.9	25.6	4.2	0	6	89	361	1723	283	563	23	1	1	0	0
21612316	5080	29.9	25.6	4.3	0	6	119	412	1874	314	675	42	2	0	0	0
Peak Hour																
08:00	12:00	12:00	12:00	12:00	08:00	08:00	08:00	08:00	08:00	08:00	06:00	06:00	06:00	06:00	06:00	06:00
Peak Hour	7:00	7:00	7:00	7:00	07:00	07:00	07:00	07:00	07:00	07:00	05:00	05:00	05:00	05:00	05:00	05:00
Pct Peak																
7:00	23.00	71.09	25.06	12.00	15.00	12.00	12.00	17.00	17.00	19.00	8.00	13.00	13.00	13.00	13.00	12.00
7:05	14.4	25.4	7.8	2	35	3	3	192	405	134	3	1	0	0	0	0



North Wales ATC 23, Engine Hill



Direction: Southbound

Hour Beginning	Thu 28/04/2022	Fri 29/04/2022	Sat 30/04/2022	Sun 01/05/2022	Mon 02/05/2022	Tue 03/05/2022	Wed 04/05/2022	5-Day Ave.	7-Day Ave.
00:00	3	3	9	10	6	4	3	4	5
01:00	8	10	10	13	13	10	8	10	10
02:00	6	5	10	10	10	8	9	8	8
03:00	15	12	8	11	11	15	13	13	12
04:00	5	7	2	4	8	7	8	7	6
05:00	77	72	18	13	33	80	90	70	55
06:00	47	66	14	18	43	66	63	57	45
07:00	144	138	49	24	37	164	154	127	101
08:00	200	171	52	20	42	167	167	149	117
09:00	120	111	69	33	47	117	107	100	86
10:00	108	130	93	40	75	95	110	104	93
11:00	115	123	88	78	106	108	89	108	101
12:00	120	152	118	87	89	132	121	123	117
13:00	164	158	97	73	107	147	163	148	130
14:00	126	166	103	89	118	130	125	133	122
15:00	158	155	105	90	89	161	145	142	129
16:00	155	196	99	82	125	122	141	148	131
17:00	177	194	89	74	144	168	178	172	146
18:00	80	94	70	35	116	72	76	88	78
19:00	57	70	37	33	43	54	53	55	50
20:00	54	56	19	31	34	39	48	46	40
21:00	54	30	22	19	34	45	50	43	36
22:00	20	24	17	17	6	9	27	17	17
23:00	13	9	11	7	9	10	6	9	9
Total									
12H(7-19)	1667	1788	1032	725	1095	1583	1576	1542	1352
16H(6-22)	1879	2010	1124	826	1249	1787	1790	1743	1524
18H(6-24)	1912	2043	1152	850	1264	1806	1823	1770	1550
24H(0-24)	2026	2152	1209	911	1345	1930	1954	1881	1647
AM Peak	08:00	08:00	10:00	11:00	11:00	08:00	08:00	08:00	08:00
	200	171	93	78	106	167	167	149	117
PM Peak	17:00	16:00	12:00	15:00	17:00	17:00	17:00	17:00	17:00
	177	196	118	90	144	168	178	172	146

360 TSL Ltd

Direction: Northbound

Hour Beginning	Thu 28/04/2022	Fri 29/04/2022	Sat 30/04/2022	Sun 01/05/2022	Mon 02/05/2022	Tue 03/05/2022	Wed 04/05/2022	5-Day Ave.	7-Day Ave.
00:00	6	4	5	5	3	2	5	4	4
01:00	1	2	1	3	1	4	0	2	2
02:00	1	5	3	6	2	2	1	2	3
03:00	3	3	3	1	2	4	2	3	3
04:00	23	30	20	16	26	24	27	26	24
05:00	27	27	19	20	12	26	19	22	21
06:00	72	74	18	12	38	56	69	62	48
07:00	105	92	41	16	21	121	87	85	69
08:00	139	148	63	28	41	156	143	125	103
09:00	99	115	69	56	57	106	113	98	88
10:00	85	92	76	60	84	115	91	93	86
11:00	92	115	83	82	86	86	91	94	91
12:00	113	152	86	71	90	109	116	116	105
13:00	109	136	70	47	86	133	131	119	102
14:00	120	106	61	50	83	159	145	123	103
15:00	144	119	58	58	83	155	127	126	106
16:00	161	144	70	41	88	161	158	142	118
17:00	149	158	73	51	81	148	125	132	112
18:00	51	94	42	31	47	62	60	63	55
19:00	46	42	33	28	38	42	46	43	39
20:00	16	34	16	18	31	17	21	24	22
21:00	44	18	13	26	13	36	51	32	29
22:00	37	15	6	6	11	33	36	26	21
23:00	7	6	11	6	2	8	6	6	7
Total									
12H(7-19)	1367	1471	792	591	847	1511	1387	1317	1138
16H(6-22)	1545	1639	872	675	967	1796	1662	1574	1276
18H(6-24)	1589	1660	889	687	980	1703	1616	1510	1303
24H(0-24)	1650	1731	940	738	1026	1765	1670	1568	1360
AM Peak	08:00	08:00	11:00	11:00	11:00	08:00	08:00	08:00	08:00
	139	148	83	82	86	156	143	125	103
PM Peak	16:00	17:00	12:00	12:00	12:00	16:00	16:00	16:00	16:00
	161	158	86	71	90	161	158	142	118

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Thu 28/04/2022	Fri 29/04/2022	Sat 30/04/2022	Sun 01/05/2022	Mon 02/05/2022	Tue 03/05/2022	Wed 04/05/2022	5-Day Ave.	7-Day Ave.
00:00	9	7	14	15	9	6	8	8	10
01:00	9	12	11	16	14	14	8	11	12
02:00	7	10	13	16	12	10	10	10	11
03:00	18	15	11	12	13	19	15	16	15
04:00	28	37	22	20	34	31	35	33	30
05:00	104	99	37	33	45	106	109	93	76
06:00	119	140	32	30	81	122	132	119	94
07:00	249	230	90	40	58	285	241	213	170
08:00	339	319	115	48	83	323	310	275	220
09:00	219	226	138	89	104	223	220	198	174
10:00	193	222	169	100	159	210	201	197	179
11:00	207	238	171	160	192	194	180	202	192
12:00	233	304	204	158	179	241	237	239	222
13:00	273	294	167	120	193	280	294	267	232
14:00	246	272	164	139	201	289	270	256	226
15:00	302	274	163	148	172	316	272	267	235
16:00	316	340	169	123	213	283	299	290	249
17:00	326	352	162	125	225	316	303	304	258
18:00	131	188	112	66	163	134	136	150	113
19:00	103	112	70	61	81	96	99	98	89
20:00	70	90	35	49	65	56	69	70	62
21:00	98	48	35	45	47	81	101	75	65
22:00	57	39	23	23	17	42	63	44	38
23:00	20	15	22	13	11	18	12	15	16
Total									
12H(7-19)	3034	3259	1824	1316	1942	3094	2963	2858	2490
16H(6-22)	3424	3649	1996	1501	2216	3449	3364	3220	2800
18H(6-24)	3501	3703	2041	1537	2244	3509	3439	3279	2853
24H(0-24)	3676	3883	2149	1649	2371	3695	3624	3450	3007
AM Peak	08:00	08:00	11:00	11:00	11:00	08:00	08:00	08:00	08:00
	339	319	171	160	192	323	310	275	220
PM Peak	17:00	17:00	12:00	12:00	17:00	15:00	17:00	17:00	17:00
	326	352	204	158	225	316	303	304	258

360 TSL Ltd



## North Wales ATC 23, Engine Hill

Direction: Southbound

	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 28 Apr 2022	2026	1594	402	18	12
Fri 29 Apr 2022	2152	1755	362	16	19
Sat 30 Apr 2022	1209	1057	140	4	8
Sun 1 May 2022	911	799	103	3	6
Mon 2 May 2022	1345	1156	178	3	8
Tue 3 May 2022	1930	1547	353	14	16
Wed 4 May 2022	1954	1548	366	18	22
5 Day Ave.	1881	1520	332	14	15
7 Day Ave.	1647	1351	272	11	13

Direction: Northbound

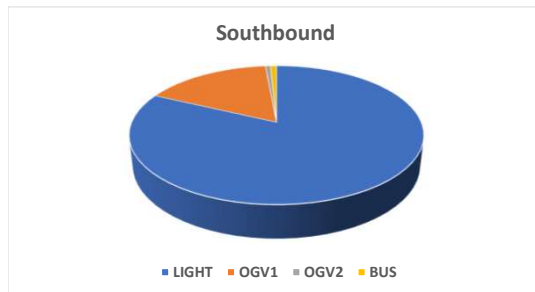
	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 28 Apr 2022	1650	1266	347	19	18
Fri 29 Apr 2022	1731	1375	319	20	17
Sat 30 Apr 2022	940	793	134	7	6
Sun 1 May 2022	738	642	90	1	5
Mon 2 May 2022	1026	889	130	2	5
Tue 3 May 2022	1765	1428	312	9	16
Wed 4 May 2022	1670	1353	289	16	12
5 Day Ave.	1568	1262	279	13	14
7 Day Ave.	1360	1107	232	11	11

Direction: Total Flow

	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 28 Apr 2022	3676	2860	749	37	30
Fri 29 Apr 2022	3883	3130	681	36	36
Sat 30 Apr 2022	2149	1850	274	11	14
Sun 1 May 2022	1649	1441	193	4	11
Mon 2 May 2022	2371	2045	308	5	13
Tue 3 May 2022	3695	2975	665	23	32
Wed 4 May 2022	3624	2901	655	34	34
5 Day Ave.	3450	2782	612	27	29
7 Day Ave.	3007	2457	504	21	24

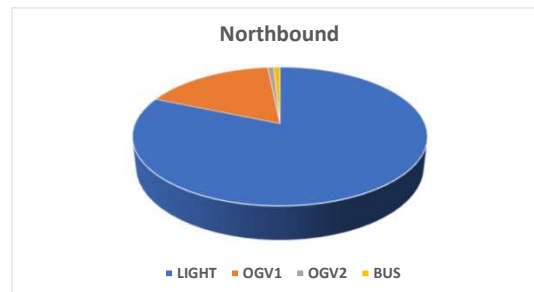
	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 28 Apr 2022	100.0%	78.7%	19.8%	0.9%	0.6%
Fri 29 Apr 2022	100.0%	81.6%	16.8%	0.7%	0.9%
Sat 30 Apr 2022	100.0%	87.4%	11.6%	0.3%	0.7%
Sun 1 May 2022	100.0%	87.7%	11.3%	0.3%	0.7%
Mon 2 May 2022	100.0%	85.9%	13.2%	0.2%	0.6%
Tue 3 May 2022	100.0%	80.2%	18.3%	0.7%	0.8%
Wed 4 May 2022	100.0%	79.2%	18.7%	0.9%	1.1%
5 Day Ave.	100.0%	80.8%	17.7%	0.7%	0.8%
7 Day Ave.	100.0%	82.0%	16.5%	0.7%	0.8%

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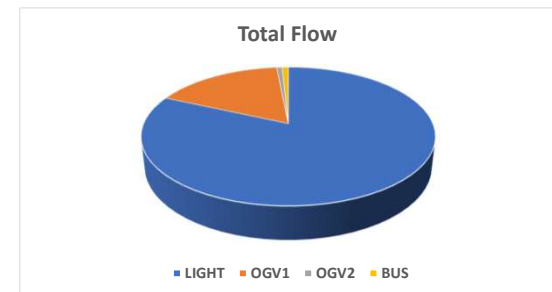
	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 28 Apr 2022	100.0%	76.7%	21.0%	1.2%	1.1%
Fri 29 Apr 2022	100.0%	79.4%	18.4%	1.2%	1.0%
Sat 30 Apr 2022	100.0%	84.4%	14.3%	0.7%	0.6%
Sun 1 May 2022	100.0%	87.0%	12.2%	0.1%	0.7%
Mon 2 May 2022	100.0%	86.6%	12.7%	0.2%	0.5%
Tue 3 May 2022	100.0%	80.9%	17.7%	0.5%	0.9%
Wed 4 May 2022	100.0%	81.0%	17.3%	1.0%	0.7%
5 Day Ave.	100.0%	80.5%	17.8%	0.8%	0.9%
7 Day Ave.	100.0%	81.4%	17.0%	0.8%	0.8%

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	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 28 Apr 2022	100.0%	77.8%	20.4%	1.0%	0.8%
Fri 29 Apr 2022	100.0%	80.6%	17.5%	0.9%	0.9%
Sat 30 Apr 2022	100.0%	86.1%	12.8%	0.5%	0.7%
Sun 1 May 2022	100.0%	87.4%	11.7%	0.2%	0.7%
Mon 2 May 2022	100.0%	86.3%	13.0%	0.2%	0.5%
Tue 3 May 2022	100.0%	80.5%	18.0%	0.6%	0.9%
Wed 4 May 2022	100.0%	80.0%	18.1%	0.9%	0.9%
5 Day Ave.	100.0%	80.6%	17.7%	0.8%	0.8%
7 Day Ave.	100.0%	81.7%	16.7%	0.7%	0.8%

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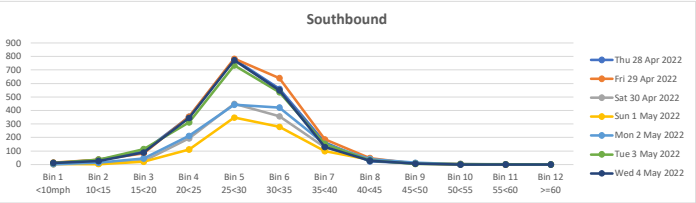


North Wales ATC 23, Engine Hill

Direction: Southbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<15	Bin 3 15<20	Bin 4 20<25	Bin 5 25<30	Bin 6 30<35	Bin 7 35<40	Bin 8 40<45	Bin 9 45<50	Bin 10 50<55	Bin 11 55<60	Bin 12 >=60
Thu 28 Apr 2022	2026	34.3	28.3	5.8	7	35	96	353	778	560	163	23	9	1	0	1
Fri 29 Apr 2022	2152	34.9	28.7	6.0	14	35	84	354	783	640	186	48	6	2	0	0
Sat 30 Apr 2022	1209	35.7	29.6	5.9	2	8	25	193	449	356	127	36	8	4	0	1
Sun 1 May 2022	911	36.0	30.0	5.8	4	3	21	112	347	279	99	36	9	1	0	0
Mon 2 May 2022	1345	35.9	29.5	6.1	3	14	45	212	443	422	151	40	13	1	1	0
Tue 3 May 2022	1930	34.4	28.2	6.0	12	35	115	311	733	535	151	31	4	2	1	0
Wed 4 May 2022	1954	34.0	28.2	5.6	11	26	89	344	772	549	129	28	6	0	0	0
5 Day Ave.	1881	34.7	28.6	5.9	9	29	86	315	702	541	156	34	8	1	0	0
7 Day Ave.	1647	35.0	28.9	5.9	8	22	68	268	615	477	144	35	8	2	0	0

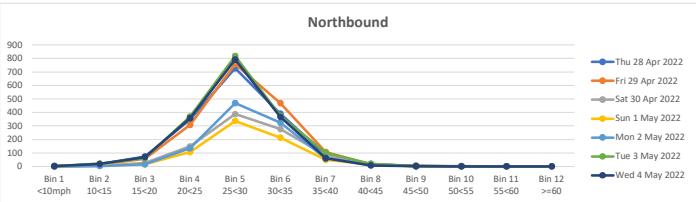
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Direction: Northbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<15	Bin 3 15<20	Bin 4 20<25	Bin 5 25<30	Bin 6 30<35	Bin 7 35<40	Bin 8 40<45	Bin 9 45<50	Bin 10 50<55	Bin 11 55<60	Bin 12 >=60
Thu 28 Apr 2022	1650	32.8	27.6	5.0	2	15	73	347	728	391	84	7	3	0	0	0
Fri 29 Apr 2022	1731	33.4	28.3	5.0	2	12	57	307	759	470	107	14	3	0	0	0
Sat 30 Apr 2022	940	34.3	29.0	5.1	0	4	24	148	387	276	82	19	0	0	0	0
Sun 1 May 2022	738	34.0	28.9	5.0	0	5	15	106	337	212	48	12	2	1	0	0
Mon 2 May 2022	1026	34.0	29.1	4.6	0	2	16	134	470	324	59	18	2	1	0	0
Tue 3 May 2022	1765	32.9	27.7	5.0	2	20	61	369	817	374	102	19	1	0	0	0
Wed 4 May 2022	1670	32.3	27.4	4.7	1	17	69	358	791	366	60	7	1	0	0	0
5 Day Ave.	1568	33.1	28.0	4.9	1	13	55	303	713	385	82	13	2	0	0	0
7 Day Ave.	1360	33.4	28.3	4.9	1	11	45	253	613	345	77	14	2	0	0	0

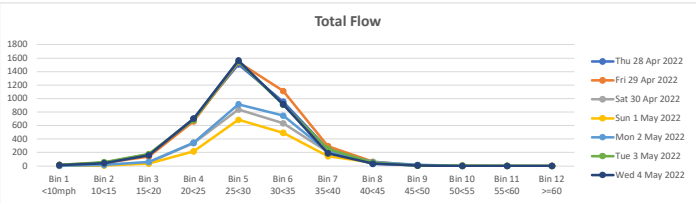
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Direction: Total Flow

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<15	Bin 3 15<20	Bin 4 20<25	Bin 5 25<30	Bin 6 30<35	Bin 7 35<40	Bin 8 40<45	Bin 9 45<50	Bin 10 50<55	Bin 11 55<60	Bin 12 >=60
Thu 28 Apr 2022	3676	33.7	28.0	5.5	9	50	169	700	1506	951	247	30	12	1	0	1
Fri 29 Apr 2022	3883	34.2	28.5	5.5	16	47	141	661	1542	1110	293	62	9	2	0	0
Sat 30 Apr 2022	2149	35.1	29.3	5.5	2	12	49	341	836	632	209	55	8	4	0	1
Sun 1 May 2022	1649	35.2	29.5	5.5	4	8	36	218	684	491	147	48	11	2	0	0
Mon 2 May 2022	2371	35.1	29.4	5.5	3	16	61	346	913	746	210	58	15	2	1	0
Tue 3 May 2022	3695	33.8	28.0	5.6	14	55	176	680	1550	909	253	50	5	2	1	0
Wed 4 May 2022	3624	33.3	27.8	5.2	12	43	158	702	1563	915	180	35	7	0	0	0
5 Day Ave.	3450	34.0	28.3	5.5	11	42	141	618	1415	926	238	47	10	1	0	0
7 Day Ave.	3007	34.3	28.6	5.5	9	33	113	521	1228	822	221	48	10	2	0	0

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## North Wales ATC 23, Engine Hill

Direction: Southbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<15	Bin 3 15<20	Bin 4 20<25	Bin 5 25<30	Bin 6 30<35	Bin 7 35<40	Bin 8 40<45	Bin 9 45<50	Bin 10 50<55	Bin 11 55<60	Bin 12 >=60
Thu 28 Apr 2022	223	32.6	26.7	5.7	0	5	23	51	79	54	10	1	0	0	0	0
Fri 29 Apr 2022	253	34.3	28.2	5.9	2	3	13	45	98	62	27	3	0	0	0	0
Sat 30 Apr 2022	181	34.9	28.5	6.2	1	3	5	38	71	38	18	6	1	0	0	0
Sun 1 May 2022	118	34.7	28.9	5.6	1	0	3	18	53	32	5	5	1	0	0	0
Mon 2 May 2022	181	35.7	29.4	6.1	0	5	6	23	61	61	19	5	1	0	0	0
Tue 3 May 2022	203	33.0	27.3	5.5	0	4	12	49	78	46	12	2	0	0	0	0
Wed 4 May 2022	199	32.9	27.0	5.6	4	2	10	41	88	48	3	2	1	0	0	0
5 Day Ave.	212	33.7	27.7	5.7	1	4	13	42	81	54	14	3	0	0	0	0
7 Day Ave.	194	34.0	28.0	5.8	1	3	10	38	75	49	13	3	1	0	0	0

360 TSL Ltd

Direction: Northbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<15	Bin 3 15<20	Bin 4 20<25	Bin 5 25<30	Bin 6 30<35	Bin 7 35<40	Bin 8 40<45	Bin 9 45<50	Bin 10 50<55	Bin 11 55<60	Bin 12 >=60
Thu 28 Apr 2022	177	31.8	26.3	5.3	0	5	11	54	64	36	7	0	0	0	0	0
Fri 29 Apr 2022	207	32.9	28.2	4.6	0	0	6	39	99	51	9	3	0	0	0	0
Sat 30 Apr 2022	159	33.2	27.8	5.2	0	2	7	29	76	32	11	2	0	0	0	0
Sun 1 May 2022	142	34.0	29.3	4.5	0	0	1	22	59	49	8	3	0	0	0	0
Mon 2 May 2022	170	32.9	28.6	4.1	0	0	2	29	78	54	6	1	0	0	0	0
Tue 3 May 2022	201	31.4	26.7	4.6	0	1	10	60	87	36	7	0	0	0	0	0
Wed 4 May 2022	182	31.3	26.2	4.9	0	4	10	51	87	25	3	2	0	0	0	0
5 Day Ave.	187	32.1	27.2	4.7	0	2	8	47	83	40	6	1	0	0	0	0
7 Day Ave.	177	32.5	27.6	4.7	0	2	7	41	79	40	7	2	0	0	0	0

360 TSL Ltd

Direction: Total Flow

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<15	Bin 3 15<20	Bin 4 20<25	Bin 5 25<30	Bin 6 30<35	Bin 7 35<40	Bin 8 40<45	Bin 9 45<50	Bin 10 50<55	Bin 11 55<60	Bin 12 >=60
Thu 28 Apr 2022	400	32.3	26.6	5.5	0	10	34	105	143	90	17	1	0	0	0	0
Fri 29 Apr 2022	460	33.7	28.2	5.3	2	3	19	84	197	113	36	6	0	0	0	0
Sat 30 Apr 2022	340	34.1	28.2	5.7	1	5	12	67	147	70	29	8	1	0	0	0
Sun 1 May 2022	260	34.3	29.1	5.1	1	0	4	40	112	81	13	8	1	0	0	0
Mon 2 May 2022	351	34.4	29.0	5.2	0	5	8	52	139	115	25	6	1	0	0	0
Tue 3 May 2022	404	32.2	27.0	5.1	0	5	22	109	165	82	19	2	0	0	0	0
Wed 4 May 2022	381	32.1	26.7	5.3	4	6	20	92	175	73	6	4	1	0	0	0
5 Day Ave.	399	32.9	27.5	5.3	1	6	21	88	164	95	21	4	0	0	0	0
7 Day Ave.	371	33.3	27.8	5.3	1	5	17	78	154	89	21	5	1	0	0	0

360 TSL Ltd



## North Wales ATC 23, Engine Hill

Direction: Southbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<15	Bin 3 15<20	Bin 4 20<25	Bin 5 25<30	Bin 6 30<35	Bin 7 35<40	Bin 8 40<45	Bin 9 45<50	Bin 10 50<55	Bin 11 55<60	Bin 12 >=60
Thu 28 Apr 2022	284	33.1	26.8	6.1	3	12	18	62	101	72	15	1	0	0	0	0
Fri 29 Apr 2022	321	33.5	27.7	5.7	1	3	20	74	117	81	20	4	1	0	0	0
Sat 30 Apr 2022	208	34.7	29.1	5.4	0	0	8	29	92	57	16	3	2	1	0	0
Sun 1 May 2022	179	35.9	29.7	6.0	0	1	6	26	70	45	23	5	3	0	0	0
Mon 2 May 2022	207	33.7	27.9	5.6	0	1	12	53	67	57	12	5	0	0	0	0
Tue 3 May 2022	291	33.1	27.2	5.7	2	5	19	61	120	65	18	0	0	1	0	0
Wed 4 May 2022	270	32.7	27.1	5.4	2	5	16	55	116	66	7	3	0	0	0	0
5 Day Ave.	275	33.2	27.3	5.7	2	5	17	61	104	68	14	3	0	0	0	0
7 Day Ave.	251	33.8	27.9	5.7	1	4	14	51	98	63	16	3	1	0	0	0

360 TSL Ltd

Direction: Northbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<15	Bin 3 15<20	Bin 4 20<25	Bin 5 25<30	Bin 6 30<35	Bin 7 35<40	Bin 8 40<45	Bin 9 45<50	Bin 10 50<55	Bin 11 55<60	Bin 12 >=60
Thu 28 Apr 2022	264	31.6	27.2	4.3	0	1	11	60	134	49	9	0	0	0	0	0
Fri 29 Apr 2022	225	32.7	28.1	4.5	0	0	9	36	114	54	10	2	0	0	0	0
Sat 30 Apr 2022	119	34.2	29.0	5.0	0	1	2	17	54	35	6	4	0	0	0	0
Sun 1 May 2022	108	33.7	28.2	5.3	0	1	3	20	51	26	5	1	0	1	0	0
Mon 2 May 2022	166	33.3	28.8	4.3	0	0	3	23	78	53	7	2	0	0	0	0
Tue 3 May 2022	314	32.8	27.8	4.8	0	0	15	64	146	69	16	4	0	0	0	0
Wed 4 May 2022	272	32.9	27.6	5.1	0	5	9	57	121	65	12	3	0	0	0	0
5 Day Ave.	248	32.7	27.9	4.6	0	1	9	48	119	58	11	2	0	0	0	0
7 Day Ave.	210	33.0	28.1	4.8	0	1	7	40	100	50	9	2	0	0	0	0

360 TSL Ltd

Direction: Total Flow

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<15	Bin 3 15<20	Bin 4 20<25	Bin 5 25<30	Bin 6 30<35	Bin 7 35<40	Bin 8 40<45	Bin 9 45<50	Bin 10 50<55	Bin 11 55<60	Bin 12 >=60
Thu 28 Apr 2022	548	32.5	27.0	5.3	3	13	29	122	235	121	24	1	0	0	0	0
Fri 29 Apr 2022	546	33.2	27.8	5.2	1	3	29	110	231	135	30	6	1	0	0	0
Sat 30 Apr 2022	327	34.5	29.0	5.3	0	1	10	46	146	92	22	7	2	1	0	0
Sun 1 May 2022	287	35.1	29.1	5.8	0	2	9	46	121	71	28	6	3	1	0	0
Mon 2 May 2022	373	33.6	28.3	5.1	0	1	15	76	145	110	19	7	0	0	0	0
Tue 3 May 2022	605	33.0	27.5	5.3	2	5	34	125	266	134	34	4	0	1	0	0
Wed 4 May 2022	542	32.8	27.4	5.2	2	10	25	112	237	131	19	6	0	0	0	0
5 Day Ave.	523	33.0	27.6	5.2	2	6	26	109	223	126	25	5	0	0	0	0
7 Day Ave.	461	33.5	28.0	5.3	1	5	22	91	197	113	25	5	1	0	0	0

360 TSL Ltd



# North Wales ATC 23, Engine Hill

Direction: Southbound

28/04/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	3	3	0	0	0
01:00	8	7	0	1	0
02:00	6	1	5	0	0
03:00	15	9	6	0	0
04:00	5	4	0	0	1
05:00	77	72	5	0	0
06:00	47	42	5	0	0
07:00	144	113	28	2	1
08:00	200	151	46	1	2
09:00	120	82	35	2	1
10:00	108	74	30	1	3
11:00	115	78	35	0	2
12:00	120	85	35	0	0
13:00	164	130	32	2	0
14:00	126	91	32	2	1
15:00	158	117	36	5	0
16:00	155	123	31	0	1
17:00	177	161	15	1	0
18:00	80	69	11	0	0
19:00	57	47	9	1	0
20:00	54	52	2	0	0
21:00	54	52	2	0	0
22:00	20	18	2	0	0
23:00	13	13	0	0	0
Total					
12H(7-19)	1667	1274	366	16	11
16H(6-22)	1879	1467	384	17	11
18H(6-24)	1912	1498	386	17	11
24H(0-24)	2026	1594	402	18	12
AM Peak	08:00	08:00	08:00	07:00	10:00
	200	151	46	2	3
PM Peak	17:00	17:00	15:00	15:00	14:00
	177	161	36	5	1

360 TSL Ltd

Direction: Northbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	6	5	0	1	0
01:00	1	0	0	1	0
02:00	1	1	0	0	0
03:00	3	3	0	0	0
04:00	23	2	19	1	1
05:00	27	20	6	1	0
06:00	72	46	23	3	0
07:00	105	87	16	1	1
08:00	139	106	30	1	2
09:00	99	66	28	3	2
10:00	85	57	27	1	0
11:00	92	64	25	1	2
12:00	113	86	24	0	3
13:00	109	86	22	0	1
14:00	120	98	20	1	1
15:00	144	107	33	2	2
16:00	161	119	41	0	1
17:00	149	134	14	1	0
18:00	51	41	10	0	0
19:00	46	39	5	0	2
20:00	16	14	1	1	0
21:00	44	42	2	0	0
22:00	37	36	1	0	0
23:00	7	7	0	0	0
Total					
12H(7-19)	1367	1051	290	11	15
16H(6-22)	1545	1192	321	15	17
18H(6-24)	1589	1235	322	15	17
24H(0-24)	1650	1266	347	19	18
AM Peak	08:00	08:00	08:00	06:00	08:00
	139	106	30	3	2
PM Peak	16:00	17:00	16:00	15:00	12:00
	161	134	41	2	3

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	9	8	0	1	0
01:00	9	7	0	2	0
02:00	7	2	5	0	0
03:00	18	12	6	0	0
04:00	28	6	19	1	2
05:00	104	92	11	1	0
06:00	119	88	28	3	0
07:00	249	200	44	3	2
08:00	339	257	76	2	4
09:00	219	148	63	5	3
10:00	193	131	57	2	3
11:00	207	142	60	1	4
12:00	233	171	59	0	3
13:00	273	216	54	2	1
14:00	246	189	52	3	2
15:00	302	224	69	7	2
16:00	316	242	72	0	2
17:00	326	295	29	2	0
18:00	131	110	21	0	0
19:00	103	86	14	1	2
20:00	70	66	3	1	0
21:00	98	94	4	0	0
22:00	57	54	3	0	0
23:00	20	20	0	0	0
Total					
12H(7-19)	3034	2325	656	27	26
16H(6-22)	3424	2659	705	32	28
18H(6-24)	3501	2733	708	32	28
24H(0-24)	3676	2860	749	37	30
AM Peak	08:00	08:00	08:00	09:00	08:00
	339	257	76	5	4
PM Peak	17:00	17:00	16:00	15:00	12:00
	326	295	72	7	3

360 TSL Ltd



# North Wales ATC 23, Engine Hill

Direction: Southbound

29/04/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	3	2	0	1	0
01:00	10	9	0	1	0
02:00	5	0	5	0	0
03:00	12	6	5	1	0
04:00	7	6	0	0	1
05:00	72	68	3	0	1
06:00	66	58	7	0	1
07:00	138	107	29	2	0
08:00	171	137	31	1	2
09:00	111	67	41	3	0
10:00	130	103	27	0	0
11:00	123	93	27	2	1
12:00	152	112	40	0	0
13:00	158	133	23	1	1
14:00	166	142	23	1	0
15:00	155	126	22	3	4
16:00	196	165	27	0	4
17:00	194	172	22	0	0
18:00	94	81	11	0	2
19:00	70	60	9	0	1
20:00	56	51	5	0	0
21:00	30	28	2	0	0
22:00	24	20	3	0	1
23:00	9	9	0	0	0
Total					
12H(7-19)	1788	1438	323	13	14
16H(6-22)	2010	1635	346	13	16
18H(6-24)	2043	1664	349	13	17
24H(0-24)	2152	1755	362	16	19
AM Peak	08:00 171	08:00 137	09:00 41	09:00 3	08:00 2
PM Peak	16:00 196	17:00 172	12:00 40	15:00 3	15:00 4

360 TSL Ltd

Direction: Northbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	4	3	1	0	0
01:00	2	0	1	1	0
02:00	5	5	0	0	0
03:00	3	3	0	0	0
04:00	30	6	21	1	2
05:00	27	21	6	0	0
06:00	74	51	19	3	1
07:00	92	67	23	2	0
08:00	148	116	29	2	1
09:00	115	88	21	5	1
10:00	92	69	22	0	1
11:00	115	83	30	2	0
12:00	152	131	20	1	0
13:00	136	113	20	2	1
14:00	106	87	19	0	0
15:00	119	97	17	0	5
16:00	144	115	27	1	1
17:00	158	145	12	0	1
18:00	94	78	16	0	0
19:00	42	36	5	0	1
20:00	34	26	7	0	1
21:00	18	16	2	0	0
22:00	15	14	1	0	0
23:00	6	5	0	0	1
Total					
12H(7-19)	1471	1189	256	15	11
16H(6-22)	1639	1318	289	18	14
18H(6-24)	1660	1337	290	18	15
24H(0-24)	1731	1375	319	20	17
AM Peak	08:00 148	08:00 116	11:00 30	09:00 5	04:00 2
PM Peak	17:00 158	17:00 145	16:00 27	13:00 2	15:00 5

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	7	5	1	1	0
01:00	12	9	1	2	0
02:00	10	5	5	0	0
03:00	15	9	5	1	0
04:00	37	12	21	1	3
05:00	99	89	9	0	1
06:00	140	109	26	3	2
07:00	230	174	52	4	0
08:00	319	253	60	3	3
09:00	226	155	62	8	1
10:00	222	172	49	0	1
11:00	238	176	57	4	1
12:00	304	243	60	1	0
13:00	294	246	43	3	2
14:00	272	229	42	1	0
15:00	274	223	39	3	9
16:00	340	280	54	1	5
17:00	352	317	34	0	1
18:00	188	159	27	0	2
19:00	112	96	14	0	2
20:00	90	77	12	0	1
21:00	48	44	4	0	0
22:00	39	34	4	0	1
23:00	15	14	0	0	1
Total					
12H(7-19)	3259	2627	579	28	25
16H(6-22)	3649	2953	635	31	30
18H(6-24)	3703	3001	639	31	32
24H(0-24)	3883	3130	681	36	36
AM Peak	08:00 319	08:00 253	09:00 62	09:00 8	04:00 3
PM Peak	17:00 352	17:00 317	12:00 60	13:00 3	15:00 9

360 TSL Ltd



# North Wales ATC 23, Engine Hill

Direction: Southbound

30/04/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	9	8	0	1	0
01:00	10	10	0	0	0
02:00	10	3	6	1	0
03:00	8	5	2	1	0
04:00	2	2	0	0	0
05:00	18	17	1	0	0
06:00	14	9	5	0	0
07:00	49	33	15	0	1
08:00	52	43	8	0	1
09:00	69	59	7	1	2
10:00	93	81	12	0	0
11:00	88	76	12	0	0
12:00	118	102	15	0	1
13:00	97	83	13	0	1
14:00	103	94	9	0	0
15:00	105	98	7	0	0
16:00	99	91	7	0	1
17:00	89	83	6	0	0
18:00	70	63	6	0	1
19:00	37	33	4	0	0
20:00	19	17	2	0	0
21:00	22	21	1	0	0
22:00	17	16	1	0	0
23:00	11	10	1	0	0
Total					
12H(7-19)	1032	906	117	1	8
16H(6-22)	1124	986	129	1	8
18H(6-24)	1152	1012	131	1	8
24H(0-24)	1209	1057	140	4	8
AM Peak	10:00	10:00	07:00	00:00	09:00
	93	81	15	1	2
PM Peak	12:00	12:00	12:00	12:00	12:00
	118	102	15	0	1

360 TSL Ltd

Direction: Northbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	5	4	0	1	0
01:00	1	1	0	0	0
02:00	3	2	0	1	0
03:00	3	2	0	1	0
04:00	20	2	17	0	1
05:00	19	11	8	0	0
06:00	18	12	5	1	0
07:00	41	30	11	0	0
08:00	63	59	4	0	0
09:00	69	61	7	1	0
10:00	76	60	15	0	1
11:00	83	76	5	1	1
12:00	86	77	9	0	0
13:00	70	61	7	0	2
14:00	61	51	10	0	0
15:00	58	52	6	0	0
16:00	70	65	5	0	0
17:00	73	64	8	0	1
18:00	42	34	8	0	0
19:00	33	28	4	1	0
20:00	16	16	0	0	0
21:00	13	10	3	0	0
22:00	6	6	0	0	0
23:00	11	9	2	0	0
Total					
12H(7-19)	792	690	95	2	5
16H(6-22)	872	756	107	4	5
18H(6-24)	889	771	109	4	5
24H(0-24)	940	793	134	7	6
AM Peak	11:00	11:00	04:00	00:00	04:00
	83	76	17	1	1
PM Peak	12:00	12:00	14:00	19:00	13:00
	86	77	10	1	2

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	14	12	0	2	0
01:00	11	11	0	0	0
02:00	13	5	6	2	0
03:00	11	7	2	2	0
04:00	22	4	17	0	1
05:00	37	28	9	0	0
06:00	32	21	10	1	0
07:00	90	63	26	0	1
08:00	115	102	12	0	1
09:00	138	120	14	2	2
10:00	169	141	27	0	1
11:00	171	152	17	1	1
12:00	204	179	24	0	1
13:00	167	144	20	0	3
14:00	164	145	19	0	0
15:00	163	150	13	0	0
16:00	169	156	12	0	1
17:00	162	147	14	0	1
18:00	112	97	14	0	1
19:00	70	61	8	1	0
20:00	35	33	2	0	0
21:00	35	31	4	0	0
22:00	23	22	1	0	0
23:00	22	19	3	0	0
Total					
12H(7-19)	1824	1596	212	3	13
16H(6-22)	1996	1742	236	5	13
18H(6-24)	2041	1783	240	5	13
24H(0-24)	2149	1850	274	11	14
AM Peak	11:00	11:00	10:00	00:00	09:00
	171	152	27	2	2
PM Peak	12:00	12:00	12:00	19:00	13:00
	204	179	24	1	3

360 TSL Ltd



# North Wales ATC 23, Engine Hill

Direction: Southbound

01/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	10	10	0	0	0
01:00	13	12	1	0	0
02:00	10	6	3	1	0
03:00	11	4	5	2	0
04:00	4	4	0	0	0
05:00	13	13	0	0	0
06:00	18	9	9	0	0
07:00	24	15	9	0	0
08:00	20	9	11	0	0
09:00	33	33	0	0	0
10:00	40	33	6	0	1
11:00	78	71	7	0	0
12:00	87	75	12	0	0
13:00	73	66	7	0	0
14:00	89	80	8	0	1
15:00	90	81	8	0	1
16:00	82	77	5	0	0
17:00	74	71	1	0	2
18:00	35	30	4	0	1
19:00	33	30	3	0	0
20:00	31	29	2	0	0
21:00	19	17	2	0	0
22:00	17	17	0	0	0
23:00	7	7	0	0	0
Total					
12H(7-19)	725	641	78	0	6
16H(6-22)	826	726	94	0	6
18H(6-24)	850	750	94	0	6
24H(0-24)	911	799	103	3	6
AM Peak	11:00	11:00	08:00	03:00	10:00
	78	71	11	2	1
PM Peak	15:00	15:00	12:00	12:00	17:00
	90	81	12	0	2

360 TSL Ltd

Direction: Northbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	5	4	1	0	0
01:00	3	3	0	0	0
02:00	6	5	1	0	0
03:00	1	0	0	1	0
04:00	16	2	14	0	0
05:00	20	11	8	0	1
06:00	12	7	5	0	0
07:00	16	15	1	0	0
08:00	28	21	7	0	0
09:00	56	53	3	0	0
10:00	60	56	4	0	0
11:00	82	72	9	0	1
12:00	71	66	5	0	0
13:00	47	44	3	0	0
14:00	50	45	5	0	0
15:00	58	50	8	0	0
16:00	41	36	4	0	1
17:00	51	46	4	0	1
18:00	31	30	1	0	0
19:00	28	26	2	0	0
20:00	18	16	2	0	0
21:00	26	24	1	0	1
22:00	6	4	2	0	0
23:00	6	6	0	0	0
Total					
12H(7-19)	591	534	54	0	3
16H(6-22)	675	607	64	0	4
18H(6-24)	687	617	66	0	4
24H(0-24)	738	642	90	1	5
AM Peak	11:00	11:00	04:00	03:00	05:00
	82	72	14	1	1
PM Peak	12:00	12:00	15:00	12:00	16:00
	71	66	8	0	1

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	15	14	1	0	0
01:00	16	15	1	0	0
02:00	16	11	4	1	0
03:00	12	4	5	3	0
04:00	20	6	14	0	0
05:00	33	24	8	0	1
06:00	30	16	14	0	0
07:00	40	30	10	0	0
08:00	48	30	18	0	0
09:00	89	86	3	0	0
10:00	100	89	10	0	1
11:00	160	143	16	0	1
12:00	158	141	17	0	0
13:00	120	110	10	0	0
14:00	139	125	13	0	1
15:00	148	131	16	0	1
16:00	123	113	9	0	1
17:00	125	117	5	0	3
18:00	66	60	5	0	1
19:00	61	56	5	0	0
20:00	49	45	4	0	0
21:00	45	41	3	0	1
22:00	23	21	2	0	0
23:00	13	13	0	0	0
Total					
12H(7-19)	1316	1175	132	0	9
16H(6-22)	1501	1333	158	0	10
18H(6-24)	1537	1367	160	0	10
24H(0-24)	1649	1441	193	4	11
AM Peak	11:00	11:00	08:00	03:00	05:00
	160	143	18	3	1
PM Peak	12:00	12:00	12:00	12:00	17:00
	158	141	17	0	3

360 TSL Ltd



# North Wales ATC 23, Engine Hill

Direction: Southbound

02/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	6	6	0	0	0
01:00	13	13	0	0	0
02:00	10	6	4	0	0
03:00	11	3	6	0	2
04:00	8	7	1	0	0
05:00	33	31	2	0	0
06:00	43	33	9	0	1
07:00	37	25	12	0	0
08:00	42	34	8	0	0
09:00	47	39	8	0	0
10:00	75	63	12	0	0
11:00	106	92	14	0	0
12:00	89	73	16	0	0
13:00	107	95	11	0	1
14:00	118	107	9	0	2
15:00	89	85	4	0	0
16:00	125	110	14	0	1
17:00	144	125	18	0	1
18:00	116	98	18	0	0
19:00	43	33	8	2	0
20:00	34	32	2	0	0
21:00	34	31	2	1	0
22:00	6	6	0	0	0
23:00	9	9	0	0	0
Total					
12H(7-19)	1095	946	144	0	5
16H(6-22)	1249	1075	165	3	6
18H(6-24)	1264	1090	165	3	6
24H(0-24)	1345	1156	178	3	8
AM Peak					
	11:00	11:00	11:00	00:00	03:00
	106	92	14	0	2
PM Peak					
	17:00	17:00	17:00	19:00	14:00
	144	125	18	2	2

360 TSL Ltd

Direction: Northbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	3	3	0	0	0
01:00	1	1	0	0	0
02:00	2	2	0	0	0
03:00	2	2	0	0	0
04:00	26	6	20	0	0
05:00	12	10	2	0	0
06:00	38	29	9	0	0
07:00	21	17	4	0	0
08:00	41	36	5	0	0
09:00	57	52	5	0	0
10:00	84	73	11	0	0
11:00	86	72	13	0	1
12:00	90	80	10	0	0
13:00	86	76	10	0	0
14:00	83	77	6	0	0
15:00	83	76	5	0	2
16:00	88	77	11	0	0
17:00	81	74	6	0	1
18:00	47	44	2	0	1
19:00	38	34	4	0	0
20:00	31	25	5	1	0
21:00	13	13	0	0	0
22:00	11	8	2	1	0
23:00	2	2	0	0	0
Total					
12H(7-19)	847	754	88	0	5
16H(6-22)	967	855	106	1	5
18H(6-24)	980	865	108	2	5
24H(0-24)	1026	889	130	2	5
AM Peak					
	11:00	10:00	04:00	00:00	11:00
	86	73	20	0	1
PM Peak					
	12:00	12:00	16:00	20:00	15:00
	90	80	11	1	2

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	9	9	0	0	0
01:00	14	14	0	0	0
02:00	12	8	4	0	0
03:00	13	5	6	0	2
04:00	34	13	21	0	0
05:00	45	41	4	0	0
06:00	81	62	18	0	1
07:00	58	42	16	0	0
08:00	83	70	13	0	0
09:00	104	91	13	0	0
10:00	159	136	23	0	0
11:00	192	164	27	0	1
12:00	179	153	26	0	0
13:00	193	171	21	0	1
14:00	201	184	15	0	2
15:00	172	161	9	0	2
16:00	213	187	25	0	1
17:00	225	199	24	0	2
18:00	163	142	20	0	1
19:00	81	67	12	2	0
20:00	65	57	7	1	0
21:00	47	44	2	1	0
22:00	17	14	2	1	0
23:00	11	11	0	0	0
Total					
12H(7-19)	1942	1700	232	0	10
16H(6-22)	2216	1930	271	4	11
18H(6-24)	2244	1955	273	5	11
24H(0-24)	2371	2045	308	5	13
AM Peak					
	11:00	11:00	11:00	00:00	03:00
	192	164	27	0	2
PM Peak					
	17:00	17:00	12:00	19:00	14:00
	225	199	26	2	2

360 TSL Ltd



## North Wales ATC 23, Engine Hill

Direction: Southbound

03/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	4	2	0	1	1
01:00	10	10	0	0	0
02:00	8	6	2	0	0
03:00	15	5	9	0	1
04:00	7	7	0	0	0
05:00	80	75	5	0	0
06:00	66	55	10	0	1
07:00	164	125	38	1	0
08:00	167	134	30	1	2
09:00	117	77	36	2	2
10:00	95	69	26	0	0
11:00	108	84	23	1	0
12:00	132	101	27	2	2
13:00	147	119	26	1	1
14:00	130	90	39	0	1
15:00	161	132	26	1	2
16:00	122	105	16	0	1
17:00	168	151	13	3	1
18:00	72	60	11	0	1
19:00	54	44	10	0	0
20:00	39	37	2	0	0
21:00	45	41	3	1	0
22:00	9	8	1	0	0
23:00	10	10	0	0	0
<b>Total</b>					
12H(7-19)	1583	1247	311	12	13
16H(6-22)	1787	1424	336	13	14
18H(6-24)	1806	1442	337	13	14
24H(0-24)	1930	1547	353	14	16
<b>AM Peak</b>	08:00 <b>167</b>	08:00 <b>134</b>	07:00 <b>38</b>	09:00 <b>2</b>	08:00 <b>2</b>
<b>PM Peak</b>	17:00 <b>168</b>	17:00 <b>151</b>	14:00 <b>39</b>	17:00 <b>3</b>	12:00 <b>2</b>

360 TSL Ltd

Direction: Northbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	2	1	1	0	0
01:00	4	3	1	0	0
02:00	2	2	0	0	0
03:00	4	2	1	0	1
04:00	24	3	20	0	1
05:00	26	24	1	1	0
06:00	56	48	7	1	0
07:00	121	102	19	0	0
08:00	156	130	25	1	0
09:00	106	81	23	1	1
10:00	115	83	31	1	0
11:00	86	61	23	1	1
12:00	109	87	21	0	1
13:00	133	107	22	1	3
14:00	159	133	25	0	1
15:00	155	126	28	1	0
16:00	161	127	30	0	4
17:00	148	134	12	0	2
18:00	62	53	9	0	0
19:00	42	36	5	0	1
20:00	17	13	4	0	0
21:00	36	34	2	0	0
22:00	33	32	0	1	0
23:00	8	6	2	0	0
<b>Total</b>					
12H(7-19)	1511	1224	268	6	13
16H(6-22)	1662	1355	286	7	14
18H(6-24)	1703	1393	288	8	14
24H(0-24)	1765	1428	312	9	16
<b>AM Peak</b>	08:00 <b>156</b>	08:00 <b>130</b>	10:00 <b>31</b>	05:00 <b>1</b>	03:00 <b>1</b>
<b>PM Peak</b>	16:00 <b>161</b>	17:00 <b>134</b>	16:00 <b>30</b>	13:00 <b>1</b>	16:00 <b>4</b>

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	6	3	1	1	1
01:00	14	13	1	0	0
02:00	10	8	2	0	0
03:00	19	7	10	0	2
04:00	31	10	20	0	1
05:00	106	99	6	1	0
06:00	122	103	17	1	1
07:00	285	227	57	1	0
08:00	323	264	55	2	2
09:00	223	158	59	3	3
10:00	210	152	57	1	0
11:00	194	145	46	2	1
12:00	241	188	48	2	3
13:00	280	226	48	2	4
14:00	289	223	64	0	2
15:00	316	258	54	2	2
16:00	283	232	46	0	5
17:00	316	285	25	3	3
18:00	134	113	20	0	1
19:00	96	80	15	0	1
20:00	56	50	6	0	0
21:00	81	75	5	1	0
22:00	42	40	1	1	0
23:00	18	16	2	0	0
<b>Total</b>					
12H(7-19)	3094	2471	579	18	26
16H(6-22)	3449	2779	622	20	28
18H(6-24)	3509	2835	625	21	28
24H(0-24)	3695	2975	665	23	32
<b>AM Peak</b>	08:00 <b>323</b>	08:00 <b>264</b>	09:00 <b>59</b>	09:00 <b>3</b>	09:00 <b>3</b>
<b>PM Peak</b>	15:00 <b>316</b>	17:00 <b>285</b>	14:00 <b>64</b>	17:00 <b>3</b>	16:00 <b>5</b>

360 TSL Ltd



# North Wales ATC 23, Engine Hill

Direction: Southbound

04/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	3	3	0	0	0
01:00	8	8	0	0	0
02:00	9	5	4	0	0
03:00	13	5	6	1	1
04:00	8	8	0	0	0
05:00	90	84	6	0	0
06:00	63	52	10	0	1
07:00	154	117	35	0	2
08:00	167	126	40	0	1
09:00	107	70	31	3	3
10:00	110	79	29	2	0
11:00	89	63	24	1	1
12:00	121	92	27	2	0
13:00	163	129	28	0	6
14:00	125	97	24	1	3
15:00	145	110	31	2	2
16:00	141	117	21	2	1
17:00	178	154	23	1	0
18:00	76	66	10	0	0
19:00	53	44	7	1	1
20:00	48	44	4	0	0
21:00	50	45	4	1	0
22:00	27	24	2	1	0
23:00	6	6	0	0	0
Total					
12H(7-19)	1576	1220	323	14	19
16H(6-22)	1790	1405	348	16	21
18H(6-24)	1823	1435	350	17	21
24H(0-24)	1954	1548	366	18	22
AM Peak	08:00 167	08:00 126	08:00 40	09:00 3	09:00 3
PM Peak	17:00 178	17:00 154	15:00 31	12:00 2	13:00 6

360 TSL Ltd

Direction: Northbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	5	3	1	1	0
01:00	0	0	0	0	0
02:00	1	1	0	0	0
03:00	2	2	0	0	0
04:00	27	6	20	0	1
05:00	19	13	4	2	0
06:00	69	52	15	2	0
07:00	87	75	12	0	0
08:00	143	111	29	1	2
09:00	113	83	27	2	1
10:00	91	71	19	1	0
11:00	91	68	22	0	1
12:00	116	90	23	3	0
13:00	131	111	17	0	3
14:00	145	119	23	2	1
15:00	127	99	26	0	2
16:00	158	133	24	1	0
17:00	125	116	9	0	0
18:00	60	55	5	0	0
19:00	46	39	5	1	1
20:00	21	18	3	0	0
21:00	51	48	3	0	0
22:00	36	34	2	0	0
23:00	6	6	0	0	0
Total					
12H(7-19)	1387	1131	236	10	10
16H(6-22)	1574	1288	262	13	11
18H(6-24)	1616	1328	264	13	11
24H(0-24)	1670	1353	289	16	12
AM Peak	08:00 143	08:00 111	08:00 29	05:00 2	08:00 2
PM Peak	16:00 158	16:00 133	15:00 26	12:00 3	13:00 3

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	8	6	1	1	0
01:00	8	8	0	0	0
02:00	10	6	4	0	0
03:00	15	7	6	1	1
04:00	35	14	20	0	1
05:00	109	97	10	2	0
06:00	132	104	25	2	1
07:00	241	192	47	0	2
08:00	310	237	69	1	3
09:00	220	153	58	5	4
10:00	201	150	48	3	0
11:00	180	131	46	1	2
12:00	237	182	50	5	0
13:00	294	240	45	0	9
14:00	270	216	47	3	4
15:00	272	209	57	2	4
16:00	299	250	45	3	1
17:00	303	270	32	1	0
18:00	136	121	15	0	0
19:00	99	83	12	2	2
20:00	69	62	7	0	0
21:00	101	93	7	1	0
22:00	63	58	4	1	0
23:00	12	12	0	0	0
Total					
12H(7-19)	2963	2351	559	24	29
16H(6-22)	3364	2693	610	29	32
18H(6-24)	3439	2763	614	30	32
24H(0-24)	3624	2901	655	34	34
AM Peak	08:00 310	08:00 237	08:00 69	09:00 5	09:00 4
PM Peak	17:00 303	17:00 270	15:00 57	12:00 5	13:00 9

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North Wales ATC 23, Engine Hill

Direction: Southbound

28/04/2022

[illegible]

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Direction: Northbound

[illegible]

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Direction: Total Flow

[illegible]

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North Wales ATC 23, Engine Hill

Direction: Southbound

Hour Beginning	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-15	Bin 3 15-20	Bin 4 20-25	Bin 5 25-30	Bin 6 30-35	Bin 7 35-40	Bin 8 40-45	Bin 9 45-50	Bin 10 50-55	Bin 11 55-60	Bin 12 >=60
00:00	3	27.5	27.5	0.0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	10	35.5	27.1	8.2	1	0	0	2	3	3	1	0	0	0	0	0
02:00	5	27.5	27.5	0.0	0	0	0	0	0	1	0	0	0	0	0	0
03:00	12	31.7	27.1	4.0	0	0	0	3	8	0	1	0	0	0	0	0
04:00	7	33.9	28.9	4.8	0	0	0	2	1	4	0	0	0	0	0	0
05:00	72	35.8	29.9	5.8	0	0	2	11	23	28	5	2	0	1	0	0
06:00	66	36.2	30.0	6.0	0	1	0	10	23	24	4	3	0	1	0	0
07:00	138	34.3	28.1	4.0	2	3	5	20	52	34	9	2	1	0	0	0
08:00	171	35.0	29.7	5.2	1	1	4	17	64	65	16	3	0	0	0	0
09:00	111	34.2	27.9	6.1	2	2	7	17	38	37	14	0	0	0	0	0
10:00	130	34.5	28.7	5.6	1	1	4	20	57	30	15	2	0	0	0	0
11:00	123	34.1	27.7	6.1	1	2	9	25	41	32	12	1	0	0	0	0
12:00	152	33.4	26.9	6.2	0	9	7	31	64	32	5	3	1	0	0	0
13:00	158	33.4	27.6	5.6	1	2	7	39	58	38	11	2	0	0	0	0
14:00	166	33.3	27.5	5.5	0	2	11	40	58	43	10	2	0	0	0	0
15:00	155	33.8	27.8	5.8	1	1	9	34	59	38	10	2	1	0	0	0
16:00	196	36.1	29.8	6.2	1	5	7	23	56	74	25	2	0	0	0	0
17:00	194	36.3	29.9	6.2	2	3	6	18	67	65	24	9	0	0	0	0
18:00	94	36.1	29.8	6.1	1	0	3	13	30	32	10	5	0	0	0	0
19:00	70	35.7	28.7	6.7	0	3	2	13	24	17	7	4	0	0	0	0
20:00	56	36.0	31.1	4.7	0	0	1	3	18	25	7	2	0	0	0	0
21:00	30	36.0	31.7	7.1	0	0	0	5	9	8	4	2	2	0	0	0
22:00	24	33.1	28.8	4.2	0	0	0	5	9	9	1	0	0	0	0	0
23:00	9	33.5	28.1	5.3	0	0	0	3	3	2	1	0	0	0	0	0
Total	253	34.3	28.2	5.9	2	3	13	45	98	62	27	3	0	0	0	0
2H(14-16)	321	33.5	27.7	5.7	1	3	20	74	117	81	20	4	1	0	0	0
12H(7-19)	1788	34.7	28.5	6.0	13	31	79	297	634	530	155	35	4	0	0	0
24H(0-24)	2152	34.9	28.7	6.0	14	35	84	354	783	640	186	48	6	2	0	0
AM Peak	08:00	06:00	06:00	05:00	07:00	07:00	11:00	11:00	08:00	08:00	08:00	06:00	07:00	05:00	00:00	00:00
	171	36.2	30.0	8.2	2	3	9	25	64	65	16	3	1	1	0	0
PM Peak	16:00	21:00	21:00	21:00	17:00	12:00	14:00	14:00	17:00	16:00	16:00	17:00	21:00	12:00	12:00	12:00
	195	33.0	31.7	7.1	2	9	11	40	67	74	25	9	2	0	0	0

360 TSL Ltd

Direction: Northbound

Hour Beginning	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-15	Bin 3 15-20	Bin 4 20-25	Bin 5 25-30	Bin 6 30-35	Bin 7 35-40	Bin 8 40-45	Bin 9 45-50	Bin 10 50-55	Bin 11 55-60	Bin 12 >=60
00:00	4	36.7	30.0	6.5	0	0	0	1	1	3	1	0	0	0	0	0
01:00	2	46.0	35.0	10.0	0	0	0	0	0	1	1	0	0	0	0	0
02:00	5	30.8	28.5	2.2	0	0	0	0	4	1	0	0	0	0	0	0
03:00	3	30.2	24.2	5.8	0	1	0	0	2	0	0	0	0	0	0	0
04:00	30	31.9	27.2	4.5	0	0	1	9	12	7	1	0	0	0	0	0
05:00	27	33.9	29.7	4.0	0	0	0	2	14	8	3	0	0	0	0	0
06:00	74	36.3	29.0	7.1	0	1	6	15	20	17	11	1	1	0	0	0
07:00	92	35.1	29.2	5.7	1	1	3	10	36	30	9	2	0	0	0	0
08:00	148	33.5	28.2	4.2	0	0	5	25	64	52	1	0	0	0	0	0
09:00	115	33.6	28.0	5.4	1	2	4	20	45	36	7	0	0	0	0	0
10:00	90	32.8	28.2	4.5	0	3	16	42	23	4	1	0	0	0	0	0
11:00	115	33.0	28.2	4.7	0	0	3	23	54	28	5	2	0	0	0	0
12:00	152	32.2	27.5	4.7	0	2	4	35	75	34	3	0	1	0	0	0
13:00	156	31.5	27.0	4.3	0	0	6	36	62	29	1	0	0	0	0	0
14:00	106	33.0	28.3	4.6	0	0	3	19	51	27	4	2	0	0	0	0
15:00	119	32.5	27.9	4.4	0	0	6	17	63	27	5	0	0	0	0	0
16:00	144	33.5	28.6	4.7	0	2	3	18	72	38	10	1	0	0	0	0
17:00	158	33.9	28.8	4.9	0	3	3	21	60	48	14	0	0	0	0	0
18:00	94	33.9	28.6	5.1	0	1	2	17	40	34	9	1	0	0	0	0
19:00	42	35.6	29.9	5.5	0	0	2	6	11	17	5	1	0	0	0	0
20:00	34	35.3	29.4	5.6	0	0	2	5	11	10	6	0	0	0	0	0
21:00	18	36.5	29.2	7.1	0	0	0	7	3	5	2	0	1	0	0	0
22:00	15	32.9	28.2	3.6	0	0	0	2	6	7	0	0	0	0	0	0
23:00	6	37.5	29.2	7.5	0	0	0	1	0	1	2	0	0	0	0	0
Total	207	32.9	28.2	4.6	0	0	6	39	99	51	9	1	0	0	0	0
2H(14-16)	225	32.7	28.1	4.5	0	0	9	36	114	54	10	2	0	0	0	0
12H(7-19)	1471	33.1	28.1	4.8	2	11	45	257	674	396	76	9	1	0	0	0
24H(0-24)	1731	33.4	28.3	5.0	2	12	57	307	759	470	107	14	3	0	0	0
AM Peak	08:00	01:00	01:00	01:00	07:00	09:00	06:00	08:00	08:00	08:00	06:00	06:00	06:00	00:00	00:00	00:00
	148	46.0	35.0	10.0	1	2	6	20	64	52	11	3	1	0	0	0
PM Peak	17:00	22:00	19:00	22:00	12:00	17:00	13:00	13:00	12:00	17:00	17:00	14:00	12:00	12:00	12:00	12:00
	158	37.0	29.9	7.5	0	3	6	36	73	48	14	2	1	0	0	0

360 TSL Ltd

Direction: Total Flow

Hour	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-15	Bin 3 15-20	Bin 4 20-25	Bin 5 25-30	Bin 6 30-35	Bin 7 35-40	Bin 8 40-45	Bin 9 45-50	Bin 10 50-55	Bin 11 55-60	Bin 12 >=60
00:00	7	33.9	28.9	4.8	0	0	0	1	4	1	1	0	0	0	0	0
01:00	12	37.3	28.4	8.6	1	0	0	2	4	3	1	1	0	0	0	0
02:00	10	29.6	28.0	1.6	0	0	0	0	9	0	0	0	0	0	0	0
03:00	15	31.0	26.5	4.9	0	0	1	3	10	0	1	0	0	0	0	0
04:00	17	32.2	27.5	4.6	0	0	1	13	11	1	1	0	0	0	0	0
05:00	99	35.3	29.8	5.3	0	0	2	13	37	36	8	2	0	1	0	0
06:00	140	36.3	29.5	6.6	0	2	6	25	43	41	15	6	0	0	0	0
07:00	230	34.7	28.5	5.8	3	4	8	30	88	64	18	4	1	0	0	0
08:00	319	33.9	29.0	4.8	1	1	9	42	128	127	18	3	0	0	0	0
09:00	226	33.9	27.9	5.7	3	4	11	37	83	73	15	0	0	0	0	0
10:00	222	33.8	28.5	5.2	1	1	7	36	102	53	19	3	0	0	0	0
11:00	198	33.6	27.9	5.5	1	2	12	48	95	60	17	3	0	0	0	0
12:00	304	32.8	27.1	5.5	0	11	11	66	137	66	8	3	2	0	0	0
13:00	294	32.6	27.3	5.1	1	13	75	180	67	14	2	0	0	0	0	0
14:00	272	33.2	27.8	5.2	0	2	14	59	109	70	14	4	0	0	0	0
15:00	274	33.3	27.8	5.2	1	1	15	51	122	65	16	2	1	0	0	0
16:00	340	35.1	29.2	5.7	1	7	10	41	128	112	35	5	0	0	0	0
17:00	352	35.3	29.4	5.7	2	6	9	39	136	113	38	9	0	0	0	0
18:00	188	35.1	29.2	5.6	1	1	5	39	70	56	19	6	1	0	0	0
19:00	112	35.7	29.2	6.3	0	3	4	19	35	34	12	5	0	0	0	0
20:00	90	35.8	30.4	5.1	0	0	3	8	29	35	11	2	0	0	0	0
21:00	48	38.1	30.7	7.1	0	0	0	12	12	11	6	2	3	0	0	0
22:00	39	33.0	28.9	4.0	0	0	0	7	15	16	1	0	0	0	0	0
23:00	15	34.8	28.5	6.0	0	0	0	6	3	1	0	0	0	0	0	0
Total	460	33.7	28.2	5.3	2	3	19	84	197	113	36	6	0	0	0	0
2H(14-16)	546	33.2	27.8	5.2	1	3	29	130	231	135	30	6	1	0	0	0
12H(7-19)	3259	34.0	28.3	5.5	15	42	124	554	1328	916	211	44	5	0	0	0
24H(0-24)	3883	34.2	28.5	5.5	16	47	141	663	1542	1100	293	62	9	0	0	0
PHM Peak	1819	01:00	00:00	00:00	00:00	07:00	07:00	07:00	08:00	08:00	08:00	08:00	08:00	08:00	08:00	08:00
	1730	37.3	28.8	8.6	5	4	12	48	128	127	19	6	1	1	0	0
PHM Peak	2100	21:00	21:00	21:00	17:00	12:00	15:00	13:00	12:00	17:00	17:00	17:00	21:00	12:00	12:00	12:00
	1730	37.3	28.8	8.6	5	4	12	48	128	127	19	6	1	1	0	0



North Wales ATC Z3, Engine Hill

Direction: Southbound

30/04/2022																
Hour Beginning	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-15	Bin 3 15-20	Bin 4 20-25	Bin 5 25-30	Bin 6 30-35	Bin 7 35-40	Bin 8 40-45	Bin 9 45-50	Bin 10 50-55	Bin 12 >60	
00:00	9	35.0	29.7	5.1	0	0	0	0	2	2	4	0	0	0	0	
01:00	10	31.7	27.5	4.1	0	0	0	3	4	3	0	0	0	0	0	
02:00	10	35.9	29.0	6.7	0	0	1	2	2	1	2	0	0	0	0	
03:00	8	33.3	28.8	4.4	0	0	0	1	5	1	1	0	0	0	0	
04:00	2	33.7	30.0	3.5	0	0	0	0	1	1	0	0	0	0	0	
05:00	18	37.7	30.8	6.6	0	0	0	3	6	1	1	0	0	0	0	
06:00	14	35.5	30.7	4.6	0	0	0	1	6	4	3	0	0	0	0	
07:00	48	36.6	30.7	5.7	0	1	0	6	8	24	6	2	0	0	0	
08:00	52	36.2	30.7	5.3	0	1	0	0	26	17	7	0	0	0	0	
09:00	69	35.8	30.3	5.5	0	1	0	8	26	24	6	0	0	0	0	
10:00	93	34.7	28.5	6.0	0	2	2	20	38	18	9	4	0	0	0	
11:00	88	35.1	28.5	6.4	1	1	3	18	33	20	9	2	1	0	0	
12:00	118	36.6	29.3	7.1	0	2	2	27	37	39	6	4	1	0	1	
13:00	97	35.2	29.0	6.0	0	0	3	19	38	28	5	1	2	1	0	
14:00	103	35.4	29.5	5.7	0	0	3	16	41	28	12	2	0	0	0	
15:00	105	34.1	28.7	5.2	0	0	5	13	51	29	4	1	2	0	0	
16:00	99	36.0	30.0	5.8	1	0	0	16	35	33	13	4	0	0	0	
17:00	89	35.5	29.5	5.8	0	0	2	16	37	19	10	4	1	0	0	
18:00	70	34.8	29.5	5.1	0	0	1	12	27	19	10	1	0	0	0	
19:00	37	36.3	31.0	5.0	0	0	0	2	18	7	9	1	0	0	0	
20:00	19	38.9	32.8	5.9	0	0	0	2	4	6	5	2	0	0	0	
21:00	12	36.3	30.9	5.2	0	0	1	2	4	11	4	0	0	0	0	
22:00	17	37.2	32.2	4.8	0	0	0	1	4	8	3	1	0	0	0	
23:00	11	39.6	33.6	7.7	0	0	1	1	2	4	1	2	0	0	0	
Total	181	34.9	28.5	6.2	1	3	5	38	71	38	18	6	1	0	0	
2H(14-16)	208	34.7	29.1	5.4	0	0	8	29	92	57	16	3	2	1	0	
12H(7-19)	1012	35.5	29.4	5.8	2	8	22	173	393	298	97	29	7	4	0	
24H(0-24)	1209	35.7	29.6	5.8	2	8	25	193	449	356	127	36	8	4	1	
AM Peak	10:00	05:00	05:00	02:00	11:00	10:00	11:00	10:00	10:00	07:00	10:00	09:00	05:00	08:00	00:00	00:00
	93	37.7	30.8	6.7	1	2	3	20	38	24	9	4	1	1	0	0
PM Peak	12:00	23:00	20:00	23:00	16:00	12:00	15:00	12:00	15:00	12:00	16:00	12:00	13:00	12:00	12:00	12:00
	118	39.6	32.8	7.7	1	2	5	27	51	39	13	4	2	1	0	1

360 TSL Ltd

Direction: Northbound

Hour Beginning	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-15	Bin 3 15-20	Bin 4 20-25	Bin 5 25-30	Bin 6 30-35	Bin 7 35-40	Bin 8 40-45	Bin 9 45-50	Bin 10 50-55	Bin 12 >60
00:00	5	32.8	28.5	4.2	0	0	0	1	2	2	0	0	0	0	0
01:00	1	37.5	30.0	0	0	0	0	0	0	1	0	0	0	0	0
02:00	3	35.2	29.2	5.8	0	0	0	1	1	0	0	0	0	0	0
03:00	3	27.7	22.5	5.0	0	0	1	1	1	0	0	0	0	0	0
04:00	20	34.4	29.3	4.9	0	0	0	3	10	5	1	1	0	0	0
05:00	19	36.3	29.3	4.8	0	0	0	3	9	4	3	0	0	0	0
06:00	18	37.1	29.7	7.1	0	0	0	6	5	2	3	2	0	0	0
07:00	41	35.9	30.7	5.1	0	0	1	4	12	17	6	1	0	0	0
08:00	63	34.6	29.2	5.2	0	0	1	11	27	17	4	3	0	0	0
09:00	69	34.9	30.0	4.7	0	0	1	8	24	28	7	1	0	0	0
10:00	76	33.8	28.9	4.7	0	1	11	40	16	15	2	0	0	0	0
11:00	83	32.5	26.9	5.4	0	2	6	18	36	16	5	0	0	0	0
12:00	86	33.3	28.0	5.2	0	0	5	20	30	24	7	0	0	0	0
13:00	70	33.0	28.2	4.6	0	0	2	14	31	18	5	0	0	0	0
14:00	61	34.6	29.6	4.8	0	1	0	4	31	19	4	2	0	0	0
15:00	58	33.7	28.5	5.2	0	0	2	13	23	16	2	0	0	0	0
16:00	70	34.0	29.4	4.4	0	0	0	9	33	21	6	1	0	0	0
17:00	73	34.7	29.6	4.9	0	0	1	11	28	25	6	2	0	0	0
18:00	42	36.3	31.2	4.8	0	0	1	2	14	16	8	1	0	0	0
19:00	33	34.7	29.0	5.5	0	1	1	2	16	10	2	1	0	0	0
20:00	16	36.0	30.0	5.8	0	1	0	2	4	6	3	0	0	0	0
21:00	13	36.4	31.7	4.5	0	0	0	1	3	6	3	0	0	0	0
22:00	6	38.5	29.8	2.6	0	0	0	2	4	6	1	0	0	0	0
23:00	11	33.3	29.8	5.4	0	0	0	1	4	6	0	0	0	0	0
Total	109	33.2	27.8	5.2	0	2	7	29	76	32	11	2	0	0	0
2H(14-16)	119	34.2	29.0	5.0	0	1	2	17	54	35	6	4	0	0	0
12H(7-19)	792	34.2	29.0	5.0	0	3	21	125	329	233	66	15	0	0	0
24H(0-24)	940	34.3	29.0	5.1	0	4	24	146	387	276	82	19	0	0	0
AM Peak	11:00	06:00	05:00	06:00	00:00	11:00	11:00	11:00	10:00	09:00	09:00	08:00	00:00	00:00	00:00
	83	37.1	31.5	7.1	0	2	6	18	49	28	7	3	0	0	0
PM Peak	12:00	21:00	21:00	20:00	12:00	14:00	13:00	12:00	16:00	17:00	18:00	14:00	12:00	12:00	12:00
	86	36.4	32.7	5.8	0	1	5	20	35	25	8	2	0	0	0

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-15	Bin 3 15-20	Bin 4 20-25	Bin 5 25-30	Bin 6 30-35	Bin 7 35-40	Bin 8 40-45	Bin 9 45-50	Bin 10 50-55	Bin 11 55-60	Bin 12 >60
00:00	14	34.1	29.3	4.6	0	0	0	3	4	3	1	0	0	0	0	0
01:00	11	33.5	28.4	4.9	0	0	0	3	4	3	1	0	0	0	0	0
02:00	13	35.5	29.0	6.3	0	0	1	3	2	5	2	0	0	0	0	0
03:00	11	32.5	27.0	5.2	0	0	1	2	6	1	1	0	0	0	0	0
04:00	12	34.3	29.3	4.8	0	0	0	3	11	6	1	1	0	0	0	0
05:00	37	36.0	30.1	5.7	0	0	0	6	15	10	4	1	1	0	0	0
06:00	32	36.5	30.2	6.1	0	0	0	7	11	6	5	2	0	0	0	0
07:00	90	36.3	30.7	5.4	0	1	1	12	20	41	12	3	0	0	0	0
08:00	115	35.4	29.8	5.3	0	1	1	11	53	34	11	3	0	1	0	0
09:00	138	35.4	30.1	5.1	0	1	1	16	50	52	13	5	0	0	0	0
10:00	169	34.3	28.7	5.5	0	2	3	31	78	34	15	6	0	0	0	0
11:00	172	33.9	27.7	5.9	1	3	9	36	36	36	14	2	1	0	0	0
12:00	204	35.3	28.7	6.4	0	2	7	47	65	63	13	4	1	1	0	1
13:00	167	34.3	28.7	5.4	0	0	0	33	69	46	10	1	2	1	0	0
14:00	164	35.1	29.5	5.3	0	1	3	20	72	47	16	1	0	0	0	0
15:00	163	35.9	28.5	5.2	0	0	7	26	74	45	6	3	2	0	0	0
16:00	169	35.2	29.8	5.2	1	0	1	25	64	54	19	5	0	0	0	0
17:00	162	35.1	29.5	5.4	0	0	3	27	65	44	16	6	1	0	0	0
18:00	112	35.4	30.1	5.1	0	0	3	14	41	35	18	2	0	0	0	0
19:00	70	35.6	30.1	5.3	0	1	1	4	34	17	11	2	0	0	0	0
20:00	35	37.6	31.5	5.9	0	0	1	4	8	12	8	2	0	0	0	0
21:00	35	36.3	31.2	4.8	0	0	1	3	7	7	0	0	0	0	0	0
22:00	23	35.9	30.5	5.2	0	0	0	3	8	8	3	1	0	0	0	0
23:00	22	36.8	30.7	5.9	0	0	1	2	6	10	1	2	0	0	0	0
Total	340	34.1	28.2	5.7	1	5	12	67	147	70	29	8	1	0	0	0
2H(14-16)	327	34.5	29.0	5.3	0	1	10	46	146	92	22	7	2	1	0	0
12H(7-19)	2024	34.9	29.2	5.5	2	11	43	298	720	531	163	44	7	4	0	1
24H(0-24)	2149	35.1	29.3	5.5	2	12	49	341	836	632	209	55	8	4	0	1
AM Peak	11:00	06:00	07:00	02:00	11:00	11:00	11:00	11:00	10:00	10:00	10:00	05:00	08:00	08:00	00:00	
PM Peak	17:00	12:00	13:00	12:00	12:00	12:00	12:00	12:00	12:00	12:00	12:00	12:00	12:00	12:00	12:00	
	204	37.6	31.5	5.9	0	0	1	4	8	12	8	2	0	0	0	



North Wales ATC Z3, Engine Hill

Direction: Southbound

01/05/2022

Hour Beginning	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-15	Bin 3 15-20	Bin 4 20-25	Bin 5 25-30	Bin 6 30-35	Bin 7 35-40	Bin 8 40-45	Bin 9 45-50	Bin 10 50-55	Bin 11 55-60	Bin 12 >=60
00:00	10	38.5	31.5	5.8	0	0	0	0	0	0	0	0	0	0	0	0
01:00	13	34.8	29.4	5.2	0	0	0	3	4	4	2	0	0	0	0	0
02:00	10	36.1	29.5	6.3	0	0	0	2	5	1	1	1	1	0	0	0
03:00	11	31.4	23.9	9.2	1	1	2	2	0	5	0	0	0	0	0	0
04:00	4	43.7	38.8	4.8	0	0	0	0	0	1	1	2	0	0	0	0
05:00	13	31.8	28.3	3.4	0	0	0	2	7	1	0	0	0	0	0	0
06:00	18	40.5	33.9	6.4	0	0	0	0	0	5	7	4	1	0	1	0
07:00	14	36.1	30.8	6.0	0	0	0	0	2	10	7	4	1	0	0	0
08:00	20	35.0	30.8	4.1	0	0	0	0	0	10	8	1	1	0	0	0
09:00	33	34.8	27.2	7.3	2	0	1	6	14	8	1	1	0	0	0	0
10:00	40	35.4	28.8	6.4	0	0	2	9	16	6	4	3	0	0	0	0
11:00	78	34.4	29.0	5.3	1	0	1	9	37	26	1	2	1	0	0	0
12:00	87	35.6	29.6	5.8	0	1	3	14	75	30	12	2	0	0	0	0
13:00	73	35.7	29.7	5.8	0	0	3	10	29	18	9	4	0	0	0	0
14:00	89	34.9	29.5	5.2	0	0	3	11	34	29	10	0	1	0	0	0
15:00	90	36.8	29.8	6.7	0	1	3	14	36	16	13	5	2	0	0	0
16:00	82	36.2	26.9	5.1	0	0	9	7	29	39	11	4	0	0	0	0
17:00	74	36.5	30.4	5.8	0	0	2	6	12	23	5	4	2	0	0	0
18:00	35	36.3	31.1	5.1	0	0	0	0	2	14	14	3	1	1	0	0
19:00	33	37.3	32.0	5.1	0	0	0	2	10	12	7	2	0	0	0	0
20:00	31	35.7	30.4	5.1	0	0	0	2	15	11	1	1	1	0	0	0
21:00	19	34.2	29.3	4.8	0	0	0	4	6	7	2	0	0	0	0	0
22:00	17	37.3	31.0	6.1	0	0	0	3	5	4	4	1	0	0	0	0
23:00	7	35.4	31.8	3.5	0	0	0	0	2	4	1	0	0	0	0	0
Total	118	34.7	28.9	5.6	1	0	3	18	53	32	5	5	1	0	0	0
2H(14-16)	179	35.9	29.7	6.0	0	1	6	26	70	45	23	5	3	0	0	0
12H(7-19)	725	35.7	28.8	5.8	3	2	19	91	286	235	74	27	8	0	0	0
24H(0-24)	911	36.0	30.0	5.8	4	3	21	112	347	279	99	36	9	1	0	0
AM Peak	11:00	04:00	04:00	03:00	09:00	03:00	03:00	10:00	11:00	11:00	06:00	10:00	09:00	06:00	00:00	00:00
	78	43.7	38.8	9.2	2	1	2	9	37	26	4	3	1	1	0	0
PM Peak	15:00	22:00	19:00	15:00	12:00	12:00	12:00	12:00	15:00	12:00	15:00	15:00	15:00	12:00	12:00	12:00
	90	37.3	32.0	6.7	0	1	3	14	36	30	13	5	2	0	0	0

360 TSL Ltd

Direction: Northbound

Hour Beginning	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-15	Bin 3 15-20	Bin 4 20-25	Bin 5 25-30	Bin 6 30-35	Bin 7 35-40	Bin 8 40-45	Bin 9 45-50	Bin 10 50-55	Bin 11 55-60	Bin 12 >=60
00:00	5	34.2	28.5	5.5	0	0	0	1	3	0	1	0	0	0	0	0
01:00	3	32.7	27.5	5.0	0	0	0	1	0	1	0	0	0	0	0	0
02:00	6	32.9	25.8	6.8	0	0	2	0	2	2	0	0	0	0	0	0
03:00	1	1	1	1	0	0	1	0	0	0	0	0	0	0	0	0
04:00	16	31.8	28.1	5.4	0	0	1	2	9	3	0	1	0	0	0	0
05:00	20	33.5	29.8	4.3	0	0	0	3	10	5	2	0	0	0	0	0
06:00	12	35.1	30.4	4.5	0	0	0	1	5	4	2	0	0	0	0	0
07:00	16	36.3	30.0	6.1	0	0	0	2	8	4	1	0	1	0	0	0
08:00	28	34.1	28.6	5.3	0	0	0	8	10	7	1	0	0	0	0	0
09:00	56	33.8	28.9	4.7	0	0	1	8	28	13	5	1	0	0	0	0
10:00	60	35.2	30.4	4.6	0	0	5	25	23	4	3	0	0	0	0	0
11:00	82	32.9	28.4	4.3	0	0	1	17	34	26	4	0	0	0	0	0
12:00	71	32.7	28.1	4.4	0	2	1	7	40	19	2	0	0	0	0	0
13:00	47	33.3	28.9	4.3	0	0	2	3	25	14	3	0	0	0	0	0
14:00	50	34.3	28.2	5.9	0	1	1	9	24	13	0	1	0	1	0	0
15:00	58	33.2	4.7	0	2	11	27	13	5	0	0	0	0	0	0	0
16:00	41	33.2	27.7	5.2	0	1	2	7	17	12	2	0	0	0	0	0
17:00	31	33.5	28.9	4.5	0	0	1	8	24	16	4	0	0	0	0	0
18:00	33	33.2	28.8	4.3	0	0	0	6	15	10	2	0	0	0	0	0
19:00	28	38.4	32.7	5.5	0	0	0	0	11	9	5	2	1	0	0	0
20:00	18	35.9	30.6	5.2	0	0	0	3	4	1	1	0	0	0	0	0
21:00	26	35.7	29.4	6.0	0	1	0	2	13	7	1	2	0	0	0	0
22:00	6	36.2	30.8	5.2	0	0	0	4	0	1	0	0	0	0	0	0
23:00	6	32.1	27.5	4.5	0	0	0	2	2	2	0	0	0	0	0	0
Total	142	34.0	29.3	4.5	0	0	1	22	59	49	8	3	0	0	0	0
2H(14-16)	108	33.7	28.2	5.3	0	1	3	20	51	26	5	1	0	1	0	0
12H(7-19)	591	33.6	28.7	4.8	0	4	11	91	273	170	34	6	1	1	0	0
24H(0-24)	738	34.0	28.9	5.0	0	5	15	106	337	212	48	12	2	1	0	0
AM Peak	11:00	07:00	06:00	02:00	00:00	00:00	02:00	11:00	11:00	11:00	09:00	10:00	07:00	00:00	00:00	00:00
	82	36.3	30.4	4.8	0	0	2	17	34	26	5	3	1	0	0	0
PM Peak	12:00	19:00	19:00	21:00	12:00	13:00	13:00	15:00	12:00	12:00	15:00	19:00	19:00	14:00	12:00	12:00
	73	38.4	32.7	6.0	0	2	2	11	40	19	5	2	1	1	0	0

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-15	Bin 3 15-20	Bin 4 20-25	Bin 5 25-30	Bin 6 30-35	Bin 7 35-40	Bin 8 40-45	Bin 9 45-50	Bin 10 50-55	Bin 11 55-60	Bin 12 >=60
00:00	15	37.2	31.2	5.8	0	0	0	2	5	4	3	1	0	0	0	0
01:00	16	34.3	29.1	5.1	0	0	0	4	5	5	2	0	0	0	0	0
02:00	16	34.9	28.1	6.6	0	0	2	2	7	3	1	1	0	0	0	0
03:00	12	32.6	23.4	8.9	1	1	3	2	0	5	0	0	0	0	0	0
04:00	20	37.3	30.3	4.8	0	0	1	2	9	4	1	3	0	0	0	0
05:00	33	32.8	28.7	4.0	0	0	0	5	17	9	2	0	0	0	0	0
06:00	40	36.5	32.5	5.9	0	0	0	1	10	11	6	1	0	0	0	0
07:00	40	36.1	30.5	5.4	0	0	0	4	18	11	5	1	0	0	0	0
08:00	48	34.6	29.5	4.9	0	0	0	8	20	15	3	2	0	0	0	0
09:00	89	34.4	28.3	5.8	2	0	2	14	41	29	8	6	1	0	0	0
10:00	100	35.4	29.8	5.4	0	0	2	14	41	29	8	6	0	0	0	0
11:00	160	32.7	28.7	4.8	1	0	2	26	71	52	5	2	0	0	0	0
12:00	158	34.4	28.9	5.3	0	3	4	21	65	49	14	2	0	0	0	0
13:00	120	34.9	29.4	5.3	0	1	4	13	54	33	12	4	0	0	0	0
14:00	139	34.7	29.0	5.5	0	1	4	21	58	42	10	1	1	0	0	0
15:00	148	35.5	29.2	6.0	0	1	5	25	63	29	18	5	2	0	0	0
16:00	123	35.3	29.8	5.3	0	1	3	14	46	42	13	4	0	0	0	0
17:00	125	35.3	29.8	5.4	0	0	3	14	54	39	9	4	2	0	0	0
18:00	66	35.6	30.0	4.8	0	0	0	8	27	24	5	1	0	0	0	0
19:00	61	37.8	32.3	5.2	0	0	0	2	21	21	12	4	1	0	0	0
20:00	49	35.7	30.5	5.1	0	0	0	5	19	20	2	2	1	0	0	0
21:00	45	35.1	29.4	5.5	0	1	0	6	19	14	3	2	0	0	0	0
22:00	23	36.9	31.0	5.7	0	0	0	3	9	4	6	1	0	0	0	0
23:00	13	34.4	29.8	4.4	0	0	0	2	4	6	1	0	0	0	0	0
Total	260	34.3	29.1	5.1	1	0	4	40	112	81	13	8	1	0	0	0
2H(14-16)	287	35.1	29.1	5.8	0	2	9	46	121	71	28	6	3	1	0	0
12H(7-19)	1316	34.8	29.3	5.4	3	6	36	182	539	385	108	33	9	1	0	0
24H(0-24)	1649	35.2	29.5	5.5	4	8	36	218	684	491	147	48	11	2	0	0
AM Peak	11:00	06:00	06:00	03:00	09:00	03:00	03:00	11:00	11:00	10:00	10:00	07:00	06:00	00:00	00:00	0



North Wales ATC 23, Engine Hill

Direction: Southbound

02/05/2022															
Hour Beginning	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 10-19m	Bin 2 19-25m	Bin 3 25-30m	Bin 4 30-35m	Bin 5 35-40m	Bin 6 40-45m	Bin 7 45-50m	Bin 8 50-55m	Bin 9 55-59m	Bin 10 59-65m	Bin 12 65-69m
00:00	6	35.5	32.5	6.0	0	0	0	0	0	0	0	0	0	0	0
01:00	13	34.2	30.2	3.9	0	0	0	1	5	6	1	0	0	0	0
02:00	10	20.9	24.4	0	0	0	0	1	8	1	0	0	0	0	0
03:00	11	34.5	25.3	8.9	1	0	1	4	2	2	0	1	0	0	0
04:00	8	37.3	30.0	7.1	0	0	1	1	1	3	2	0	0	0	0
05:00	33	38.1	32.7	5.2	0	0	0	3	6	23	9	2	0	0	0
06:00	43	33.5	29.6	3.8	0	0	0	3	22	16	1	1	0	0	0
07:00	37	38.0	30.5	7.3	0	2	0	0	13	11	6	1	0	1	0
08:00	42	37.1	30.4	6.5	1	0	1	2	16	16	3	2	1	0	0
09:00	47	35.6	30.1	5.6	0	0	0	7	21	16	7	1	0	0	0
10:00	75	35.6	29.0	6.4	0	3	1	13	24	25	6	2	1	0	0
11:00	106	35.7	29.6	5.9	0	2	5	10	37	36	13	1	0	0	0
12:00	89	34.4	27.7	6.5	1	1	5	26	21	26	6	3	0	0	0
13:00	107	33.9	27.3	6.4	0	1	12	23	40	22	5	2	2	0	0
14:00	118	34.1	28.1	5.8	0	1	7	26	41	32	7	4	0	0	0
15:00	89	33.1	27.6	5.4	0	0	5	27	26	25	5	1	0	0	0
16:00	125	35.9	29.5	5.5	0	0	1	20	33	51	16	3	0	0	0
17:00	144	36.4	29.6	6.5	0	3	4	24	46	41	21	3	1	0	1
18:00	116	38.8	32.5	6.0	0	0	1	10	30	36	29	6	4	0	0
19:00	43	35.7	30.8	4.7	0	0	0	3	18	15	5	2	0	0	0
20:00	34	37.1	30.7	6.1	0	1	0	0	18	9	3	2	1	0	0
21:00	34	37.2	30.7	6.0	0	0	1	4	10	13	4	1	1	0	0
22:00	6	36.2	30.8	5.2	0	0	0	1	1	3	1	0	0	0	0
23:00	9	34.5	30.8	3.5	0	0	0	0	4	4	1	0	0	0	0
Total															
2H(10-12)	181	35.7	29.4	6.1	0	5	6	23	61	61	19	5	1	0	0
2H(14-16)	207	33.7	27.9	5.6	0	1	12	53	67	57	12	5	0	0	0
12H(7-19)	1095	35.8	29.4	6.2	2	13	40	193	348	331	144	31	11	1	1
24H(0-24)	1345	35.9	29.5	6.1	3	14	40	212	403	422	151	40	13	1	0
AM Peak	11:00	05:00	05:00	03:00	03:00	10:00	11:00	10:00	11:00	11:00	11:00	08:00	07:00	00:00	00:00
	106	38.1	32.7	8.9	1	3	5	13	37	36	13	3	1	1	0
PM Peak	17:00	18:00	18:00	17:00	12:00	17:00	13:00	15:00	17:00	16:00	18:00	18:00	12:00	17:00	12:00
	144	38.8	32.5	6.5	1	3	12	27	46	51	29	6	4	1	0

360 TSL Ltd

Direction: Northbound

02/05/2022															
Hour Beginning	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 10-19m	Bin 2 19-25m	Bin 3 25-30m	Bin 4 30-35m	Bin 5 35-40m	Bin 6 40-45m	Bin 7 45-50m	Bin 8 50-55m	Bin 9 55-59m	Bin 10 59-65m	Bin 12 65-69m
00:00	3	32.2	29.2	2.9	0	0	0	0	2	1	0	0	0	0	0
01:00	1	0	27.5	0	0	0	0	0	0	0	0	0	0	0	0
02:00	2	28.7	25.0	3.5	0	0	0	1	1	0	0	0	0	0	0
03:00	3	34.8	27.5	7.1	0	0	0	0	0	1	0	0	0	0	0
04:00	26	34.5	29.6	4.7	0	0	0	3	13	7	2	1	0	0	0
05:00	12	36.8	30.8	5.8	0	0	0	0	7	4	0	0	0	0	0
06:00	38	33.9	29.5	4.3	0	0	0	5	17	12	4	0	0	0	0
07:00	21	33.1	29.6	3.4	0	0	0	2	8	11	0	0	0	0	0
08:00	41	36.1	30.5	5.3	0	0	0	6	13	16	1	1	0	0	0
09:00	57	36.5	30.2	6.1	0	1	1	8	16	21	8	1	1	0	0
10:00	84	32.4	28.0	4.2	0	2	16	39	26	13	0	0	0	0	0
11:00	86	33.7	29.1	4.1	0	0	0	13	39	28	6	0	0	0	0
12:00	90	34.6	29.5	5.0	0	0	2	9	44	25	6	4	0	0	0
13:00	86	32.5	28.2	4.1	0	0	1	17	41	23	4	0	0	0	0
14:00	83	33.3	29.4	3.9	0	0	0	7	44	27	4	1	0	0	0
15:00	63	33.2	28.3	4.7	0	0	3	16	34	26	3	1	0	0	0
16:00	88	34.9	30.2	5.5	0	0	1	5	42	29	8	3	0	0	0
17:00	81	34.0	29.5	4.4	0	0	2	7	39	33	2	0	0	0	0
18:00	47	33.3	28.8	3.4	0	0	0	4	29	12	2	0	0	0	0
19:00	38	32.8	28.8	3.8	0	0	0	4	23	8	3	0	0	0	0
20:00	31	33.6	27.5	5.9	0	1	3	8	4	12	0	0	0	0	0
21:00	13	41.2	32.5	8.4	0	0	0	2	4	3	2	1	0	1	0
22:00	11	29.3	29.2	4.3	0	0	0	1	4	5	1	0	0	0	0
23:00	2	33.7	30.0	3.5	0	0	0	0	1	1	0	0	0	0	0
Total															
2H(10-12)	170	32.9	28.6	4.1	0	0	2	29	78	54	6	1	0	0	0
2H(14-16)	166	33.3	28.8	4.3	0	0	3	23	78	53	7	2	0	0	0
12H(7-19)	847	33.9	29.2	4.5	0	1	12	110	384	277	46	16	1	0	0
24H(0-24)	1026	34.0	29.1	4.6	0	2	16	134	470	324	59	18	2	1	0
AM Peak	11:00	05:00	05:00	03:00	00:00	09:00	10:00	10:00	10:00	11:00	09:00	08:00	05:00	00:00	00:00
	86	36.8	32.1	7.1	0	1	2	16	39	28	6	3	1	0	0
PM Peak	17:00	21:00	21:00	21:00	12:00	20:00	15:00	13:00	12:00	17:00	16:00	12:00	21:00	12:00	12:00
	90	41.2	32.5	8.4	0	1	3	17	46	33	6	4	0	1	0

360 TSL Ltd

Direction: Total Flow

Hour	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 10-19m	Bin 2 19-25m	Bin 3 25-30m	Bin 4 30-35m	Bin 5 35-40m	Bin 6 40-45m	Bin 7 45-50m	Bin 8 50-55m	Bin 9 55-59m	Bin 10 59-65m	Bin 12 65-69m
00:00	9	33.7	31.4	2.2	0	0	0	0	2	7	0	0	0	0	0
01:00	14	33.9	30.0	3.8	0	0	0	1	6	6	1	0	0	0	0
02:00	12	29.8	27.1	2.6	0	0	0	2	8	1	0	0	0	0	0
03:00	13	34.4	25.6	8.5	1	0	1	5	2	3	0	1	0	0	0
04:00	34	35.1	29.7	5.2	0	0	1	4	14	10	4	1	0	0	0
05:00	45	37.7	32.2	5.4	0	0	0	3	13	17	9	2	1	0	0
06:00	81	33.7	29.5	4.0	0	0	0	8	29	28	5	1	0	0	0
07:00	58	36.6	30.2	6.2	0	2	0	5	21	22	6	1	0	0	0
08:00	83	36.6	30.5	5.9	1	0	1	8	29	32	6	5	1	0	0
09:00	104	36.2	30.1	5.8	0	1	1	15	31	15	7	2	0	0	0
10:00	159	34.0	28.5	5.3	0	3	3	29	63	51	6	3	1	0	0
11:00	192	34.7	28.4	5.1	0	2	5	21	76	64	19	0	0	0	0
12:00	179	34.6	28.6	5.8	1	1	7	35	65	51	12	7	0	0	0
13:00	193	33.4	27.7	5.5	0	1	13	40	81	40	9	2	2	0	0
14:00	201	33.9	28.6	5.1	0	1	7	33	85	59	11	5	0	0	0
15:00	172	33.1	27.9	5.1	0	0	8	43	60	51	8	2	0	0	0
16:00	213	35.3	30.3	5.0	0	0	2	25	75	80	24	6	1	0	0
17:00	225	35.6	29.6	5.8	0	3	6	31	81	74	23	5	1	0	1
18:00	163	37.3	31.4	5.7	0	0	1	14	59	48	11	6	0	0	0
19:00	81	34.4	29.8	4.4	0	0	0	7	41	23	8	2	0	0	0
20:00	65	33.6	29.2	6.2	0	2	3	4	30	18	5	2	1	0	0
21:00	47	38.2	31.2	6.7	0	0	1	6	14	16	1	2	1	1	0
22:00	17	32.5	27.2	5.1	0	0	0	1	5	6	4	1	0	0	0
23:00	11	34.2	30.7	3.4	0	0	0	0	5	5	1	0	0	0	0
Total															
2H(10-12)	351	34.4	29.0	5.2	0	5	8	52	139	115	25	6	1	0	0
2H(14-16)	373	33.6	28.3	5.1	0	1	13	76	145	110	19	7	0	0	0
12H(7-19)	2042	35.0	29.3	5.6	2	14	54	301	732	608	170	47	12	1	1
24H(0-24)	2371	35.1	29.4	5.5	3	16	61	346	732	608	170	48	13	2	1
Hour	10:00	05:00	05:00	05:00	00:00	10:00	11:00	11:00	11:00	11:00	11:00	11:00	07:00	07:00	00:00
ESD	172	12.7	11.0	11.0	12.0	3.0	3.0	11.0	41.0	44.0	36.0	31.0	18.0	21.00	12.40
Peak	172	21.00	18.00	18.00	17.00	3.00	3.00	11.00	41.00	44.00	36.00	31.00	18.00	21.00	12.40



North Wales ATC Z3, Engine Hill

Direction: Southbound

09/05/2022																
Hour Beginning	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-15	Bin 3 15-20	Bin 4 20-25	Bin 5 25-30	Bin 6 30-35	Bin 7 35-40	Bin 8 40-45	Bin 9 45-50	Bin 10 50-55	Bin 11 55-60	Bin 12 >=60
00:00	4	36.7	30.9	6.5	0	0	0	0	0	0	0	0	0	0	0	0
01:00	10	32.4	27.5	4.7	0	0	0	3	5	1	1	0	0	0	0	0
02:00	8	32.7	26.9	5.0	0	0	0	1	2	1	1	0	0	0	0	0
03:00	15	35.7	30.2	5.3	0	0	0	2	6	5	1	1	0	0	0	0
04:00	7	35.4	31.8	3.5	0	0	0	0	2	4	1	0	0	0	0	0
05:00	80	35.2	29.6	5.4	0	0	3	11	31	22	11	2	0	0	0	0
06:00	66	34.4	30.0	4.2	0	0	0	7	26	27	5	1	0	0	0	0
07:00	164	33.4	26.5	6.7	3	5	22	34	59	41	9	0	0	0	0	0
08:00	133	33.8	27.7	5.9	0	4	17	22	60	53	10	1	0	0	0	0
09:00	117	33.6	28.3	5.2	0	1	4	25	43	35	8	1	0	0	0	0
10:00	95	32.7	27.5	5.0	0	0	8	18	40	24	5	0	0	0	0	0
11:00	108	33.2	27.1	5.9	0	4	4	31	38	22	7	2	0	0	0	0
12:00	132	33.7	26.8	6.7	3	4	11	27	45	32	8	2	0	0	0	0
13:00	147	33.9	27.2	6.4	1	6	11	23	62	34	8	0	1	1	0	0
14:00	130	33.2	27.4	5.6	0	2	6	34	50	29	6	0	0	1	0	0
15:00	161	33.0	27.1	5.7	2	3	13	27	70	36	10	0	0	0	0	0
16:00	122	34.2	28.1	5.9	1	4	6	35	56	29	8	0	0	0	0	0
17:00	168	33.7	30.0	5.5	1	0	4	22	56	58	22	5	0	0	0	0
18:00	72	37.6	30.6	6.6	1	1	2	7	22	22	11	6	0	0	0	0
19:00	54	37.6	30.5	6.9	0	0	3	6	20	14	5	4	2	0	0	0
20:00	39	39.4	32.8	6.4	0	0	1	0	12	15	8	2	0	0	1	0
21:00	45	34.2	29.1	4.7	0	1	1	3	21	16	3	0	0	0	0	0
22:00	9	34.8	31.4	3.3	0	0	0	0	3	5	1	0	0	0	0	0
23:00	10	37.2	32.0	5.0	0	0	0	1	1	7	0	1	0	0	0	0
Total																
2H(10-12)	203	33.0	27.3	5.5	0	4	12	49	78	45	12	2	0	0	0	0
2H(14-16)	291	33.1	27.2	5.7	2	5	19	61	120	65	18	0	0	1	0	0
12H(7-19)	1583	34.0	27.8	6.0	12	34	206	275	609	435	114	20	2	2	0	0
24H(0-24)	6390	34.4	28.2	6.0	12	35	115	311	733	535	151	31	4	2	1	0
AM Peak	08:00	00:00	04:00	07:00	07:00	07:00	07:00	11:00	08:00	08:00	09:00	09:00	07:00	00:00	00:00	00:00
	167	36.7	31.8	6.7	3	5	22	31	60	53	11	2	1	0	0	0
PM Peak	17:00	20:00	20:00	19:00	12:00	13:00	15:00	14:00	15:00	17:00	17:00	18:00	19:00	13:00	20:00	12:00
	168	35.4	32.8	6.9	3	6	13	34	75	58	22	6	2	1	1	0

360 TSL Ltd

Direction: Northbound

09/05/2022																
Hour Beginning	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-15	Bin 3 15-20	Bin 4 20-25	Bin 5 25-30	Bin 6 30-35	Bin 7 35-40	Bin 8 40-45	Bin 9 45-50	Bin 10 50-55	Bin 11 55-60	Bin 12 >=60
00:00	2	27.5	27.5	0.0	0	0	0	0	2	0	0	0	0	0	0	0
01:00	4	28.0	25.0	2.9	0	0	0	0	2	0	0	0	0	0	0	0
02:00	2	28.7	25.0	3.5	0	0	0	0	1	0	0	0	0	0	0	0
03:00	4	31.2	26.3	4.8	0	0	0	0	1	1	1	0	0	0	0	0
04:00	24	32.5	28.1	4.3	0	0	0	0	4	15	4	0	1	0	0	0
05:00	26	34.4	30.2	4.1	0	0	0	3	8	13	2	0	0	0	0	0
06:00	56	34.6	29.6	4.8	0	0	1	6	26	17	4	2	0	0	0	0
07:00	121	35.2	29.6	5.4	0	1	3	15	48	35	16	3	0	0	0	0
08:00	156	33.0	27.0	5.9	1	8	7	25	75	32	5	2	0	0	0	0
09:00	106	32.1	27.0	4.9	0	1	3	33	43	22	2	2	0	0	0	0
10:00	115	31.5	27.2	4.2	0	0	4	29	57	21	4	0	0	0	0	0
11:00	86	31.2	26.0	5.0	0	1	6	31	30	15	3	0	0	0	0	0
12:00	209	32.0	27.0	4.8	0	1	7	23	54	20	3	1	0	0	0	0
13:00	133	31.9	26.3	5.3	1	5	4	34	68	12	9	0	0	0	0	0
14:00	159	33.2	27.7	5.3	0	0	9	37	69	31	9	4	0	0	0	0
15:00	155	32.4	27.9	4.3	0	6	7	77	38	7	0	0	0	0	0	0
16:00	161	32.1	26.9	5.0	0	3	8	39	77	24	10	0	0	0	0	0
17:00	148	32.4	28.0	4.2	0	0	0	26	75	34	5	0	0	0	0	0
18:00	62	35.0	29.8	5.0	0	0	0	10	25	18	7	2	0	0	0	0
19:00	42	35.0	30.7	4.1	0	0	0	1	21	12	8	0	0	0	0	0
20:00	17	34.8	30.7	3.9	0	0	0	0	8	8	1	0	0	0	0	0
21:00	36	34.6	28.6	5.7	0	0	1	7	18	5	4	0	1	0	0	0
22:00	13	32.0	27.5	4.3	0	0	0	0	15	1	0	0	0	0	0	0
23:00	8	33.6	31.3	2.3	0	0	0	0	2	6	0	0	0	0	0	0
Total																
2H(10-12)	201	31.4	26.7	4.6	0	1	10	60	87	36	7	0	0	0	0	0
2H(14-16)	314	32.8	27.8	4.8	0	0	15	64	146	69	16	4	0	0	0	0
12H(7-19)	1511	32.7	27.5	5.1	2	20	59	333	698	302	82	15	0	0	0	0
24H(0-24)	6765	32.9	27.7	5.0	2	20	61	369	817	374	102	19	1	0	0	0
AM Peak	08:00	07:00	05:00	08:00	08:00	08:00	08:00	09:00	08:00	07:00	07:00	07:00	00:00	00:00	00:00	00:00
	154	36.2	30.2	5.9	1	8	7	39	79	35	16	3	0	0	0	0
PM Peak	16:00	19:00	19:00	21:00	13:00	13:00	14:00	16:00	15:00	15:00	16:00	14:00	21:00	12:00	12:00	12:00
	161	35.0	32.3	5.7	1	5	9	35	77	38	10	4	1	0	0	0

360 TSL Ltd

Direction: Total Flow

Hour	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-15	Bin 3 15-20	Bin 4 20-25	Bin 5 25-30	Bin 6 30-35	Bin 7 35-40	Bin 8 40-45	Bin 9 45-50	Bin 10 50-55	Bin 11 55-60	Bin 12 >=60
00:00	6	34.5	29.2	5.2	0	0	0	1	3	1	1	0	0	0	0	0
01:00	14	31.3	26.8	4.3	0	0	0	5	7	1	1	0	0	0	0	0
02:00	10	31.9	26.5	5.2	0	0	1	3	8	0	0	0	0	0	0	0
03:00	19	34.9	29.3	5.3	0	0	0	4	7	6	1	1	0	0	0	0
04:00	11	33.4	29.0	4.3	0	0	0	4	17	6	1	1	0	0	0	0
05:00	36	35.0	29.7	5.1	0	0	3	14	39	35	13	2	0	0	0	0
06:00	122	34.5	29.8	4.5	0	0	1	33	52	44	9	3	0	0	0	0
07:00	283	34.4	27.9	6.3	3	6	25	39	107	76	25	3	1	0	0	0
08:00	323	33.4	27.4	5.9	1	12	24	47	135	85	16	3	0	0	0	0
09:00	223	32.9	27.7	5.1	0	2	7	58	86	57	10	0	0	0	0	0
10:00	210	32.1	27.3	4.6	0	0	12	47	97	45	9	0	0	0	0	0
11:00	194	32.4	26.6	5.5	0	5	10	62	68	37	10	2	0	0	0	0
12:00	241	33.0	26.9	5.9	0	7	11	55	97	50	17	11	2	0	0	0
13:00	280	33.0	26.8	6.0	0	11	15	57	130	46	17	0	0	0	0	0
14:00	289	33.2	27.6	5.4	0	2	15	71	119	69	17	4	0	1	0	0
15:00	316	33.8	27.5	5.1	2	3	19	54	147	74	17	0	0	0	0	0
16:00	283	33.0	27.4	5.4	1	7	12	54	135	53	18	3	0	0	0	0
17:00	116	34.3	29.1	5.0	1	0	6	52	131	92	28	6	0	0	0	0
18:00	114	36.3	30.2	6.0	1	1	2	17	47	40	14	4	2	0	0	0
19:00	96	36.6	30.6	5.8	0	0	3	7	41	26	13	4	2	0	0	0
20:00	56	38.1	32.1	5.8	0	0	1	0	20	23	8	3	0	0	1	0
21:00	81	34.2	28.9	5.2	0	1	2	10	39	21	7	0	1	0	0	0
22:00	42	32.9	28.3	4.4	0	0	0	10	18	11	3	0	0	0	0	0
23:00	18	35.2	31.7	8.9	0	0	0	1	3	13	0	0	0	0	0	0
Total	404	32.2	27.0	5.1	0	5	22	109	165	82	14	0	0	0	0	0
2PM-3PM	405	33.0	27.5	5.3	2	5	34	125	206	134	34	4	1	0	0	0
3PM-4PM	405	33.4	27.4	5.4	54	54	68	103	172	71	16	0	0	0	0	0
4PM-5PM	305	33.8	28.0	5.6	14	55	76	168	155	90	25	5	2	1	0	0
00:00	32	05.00	06.00	07.00	07.00	08.00	08.00	09.00	09.00	08.00	07.00	06.00	07.00	06.00	06.00	06.00
01:00	32	36.0	29.8	6.3	5	12	25	62	135	85	25	3	1	0	0	0
02:00	30	00.00	00.00	18.00	12.00	13.00	15.00	14.00	14.00	17.00	17.00	18.00	19.00	13.00	20.00	12.00
PM Peak	15:00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00



North Wales ATC 23, Engine Hill

Direction: Southbound

04/05/2022																
Hour Beginning	Total Volume	ECM Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-15	Bin 3 15-20	Bin 4 20-25	Bin 5 25-30	Bin 6 30-35	Bin 7 35-40	Bin 8 40-45	Bin 9 45-50	Bin 10 50-55	Bin 11 55-60	Bin 12 >60
00:00	3	28.8	25.8	2.9	0	0	0	1	2	0	0	0	0	0	0	0
01:00	8	31.2	26.9	4.2	0	0	0	3	3	3	0	0	0	0	0	0
02:00	9	32.9	28.1	4.6	0	0	0	1	0	5	1	0	0	0	0	0
03:00	13	33.8	27.5	6.1	0	0	1	4	4	2	2	0	0	0	0	0
04:00	8	38.3	33.1	5.0	0	0	0	0	2	4	1	1	0	0	0	0
05:00	90	33.2	27.9	5.2	0	1	1	23	40	17	6	2	0	0	0	0
06:00	63	33.5	28.1	5.3	1	2	1	5	32	20	2	0	0	0	0	0
07:00	164	33.6	29.2	4.2	1	0	1	16	71	56	9	0	0	0	0	0
08:00	167	33.1	28.1	4.9	0	0	7	37	64	47	12	0	0	0	0	0
09:00	107	33.2	26.9	6.1	0	4	10	22	38	26	1	0	0	0	0	0
10:00	110	33.2	26.5	6.5	4	2	7	22	48	23	1	2	1	0	0	0
11:00	89	32.1	27.7	4.3	0	0	3	19	40	25	2	0	0	0	0	0
12:00	121	33.2	27.3	5.6	1	2	8	26	43	34	7	0	0	0	0	0
13:00	163	32.0	26.6	5.1	0	2	13	42	68	31	6	1	0	0	0	0
14:00	125	32.2	26.9	5.1	0	1	10	28	55	27	2	2	0	0	0	0
15:00	145	33.1	27.3	5.7	2	4	6	27	61	39	5	1	0	0	0	0
16:00	141	34.2	28.7	5.2	0	1	7	24	52	46	10	2	0	0	0	0
17:00	178	36.3	29.5	6.6	2	6	6	15	58	67	16	7	1	0	0	0
18:00	76	35.3	30.7	4.5	0	0	0	6	28	31	9	2	0	0	0	0
19:00	53	38.1	36.2	7.6	0	2	2	10	10	14	10	5	0	0	0	0
20:00	48	38.0	32.4	5.4	0	0	1	1	15	15	14	1	1	0	0	0
21:00	50	34.2	28.3	5.7	0	0	3	9	24	7	5	2	0	0	0	0
22:00	27	36.8	31.4	5.3	0	0	0	2	9	11	4	0	1	0	0	0
23:00	6	40.4	29.2	10.8	0	0	1	2	0	2	0	0	1	0	0	0
Total																
2016-13	109	32.9	27.0	5.6	4	2	10	41	88	48	3	2	1	0	0	0
2016-14	270	32.7	27.1	5.4	2	5	16	55	136	66	7	3	0	0	0	0
12H7-10	1576	33.7	28.0	5.5	10	21	78	284	626	452	85	17	3	0	0	0
24H2-24	6954	34.0	28.2	5.6	11	26	89	344	772	549	129	28	6	0	0	0
AM Peak	08:00	04:00	04:00	10:00	10:00	09:00	09:00	08:00	07:00	07:00	08:00	05:00	10:00	00:00	00:00	00:00
	167	38.3	33.1	6.5	4	4	10	37	71	56	12	2	1	0	0	0
PM Peak	17:00	23:00	20:00	23:00	15:00	17:00	13:00	13:00	13:00	17:00	17:00	17:00	16:00	12:00	12:00	12:00
	178	40.4	32.4	10.8	2	6	13	42	68	67	16	7	1	0	0	0

360 TSL Ltd

Direction: Northbound

04/05/2022																
Hour Beginning	Total Volume	ECM Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-15	Bin 3 15-20	Bin 4 20-25	Bin 5 25-30	Bin 6 30-35	Bin 7 35-40	Bin 8 40-45	Bin 9 45-50	Bin 10 50-55	Bin 11 55-60	Bin 12 >60
00:00	5	35.0	26.5	8.2	0	0	1	2	0	1	1	0	0	0	0	0
01:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
02:00	1	-	27.5	-	0	0	0	0	1	0	0	0	0	0	0	0
03:00	2	23.7	20.0	8.6	0	0	0	1	1	0	0	0	0	0	0	0
04:00	27	34.4	28.1	6.1	0	0	0	8	14	2	1	1	1	0	0	0
05:00	19	32.5	27.8	4.6	0	0	1	4	7	7	0	0	0	0	0	0
06:00	69	32.9	28.3	4.4	0	0	1	14	31	20	2	1	0	0	0	0
07:00	87	32.8	29.2	3.5	0	0	0	8	46	29	4	0	0	0	0	0
08:00	143	31.6	26.6	4.8	0	3	8	36	66	36	4	0	0	0	0	0
09:00	113	31.7	26.7	4.7	0	2	6	27	53	22	3	0	0	0	0	0
10:00	91	31.4	26.0	5.2	0	2	5	31	39	13	2	0	0	0	0	0
11:00	91	31.1	26.5	4.5	0	2	5	20	48	15	1	0	0	0	0	0
12:00	116	31.1	26.1	4.8	1	1	11	33	47	22	2	0	0	0	0	0
13:00	131	30.2	26.4	3.6	0	0	6	31	81	11	2	0	0	0	0	0
14:00	145	32.8	27.3	5.3	0	3	5	36	65	26	7	3	0	0	0	0
15:00	127	32.9	28.1	4.7	0	2	4	21	56	39	5	0	0	0	0	0
16:00	158	31.9	27.8	4.0	0	0	3	31	80	40	4	0	0	0	0	0
17:00	125	31.8	27.1	4.5	1	0	6	29	69	22	4	0	0	0	0	0
18:00	60	32.9	28.8	4.0	0	0	1	7	31	18	3	0	0	0	0	0
19:00	46	35.3	29.8	5.3	0	0	2	6	15	15	8	0	0	0	0	0
20:00	21	33.6	27.5	5.9	0	1	1	3	10	4	2	0	0	0	0	0
21:00	51	32.9	28.8	4.0	0	0	1	7	22	20	1	0	0	0	0	0
22:00	16	33.8	28.2	5.4	0	1	1	8	9	16	1	0	0	0	0	0
23:00	6	39.1	32.5	6.3	0	0	0	1	1	1	3	0	0	0	0	0
Total																
2016-12	182	31.3	26.2	4.9	0	4	10	51	87	25	3	2	0	0	0	0
2016-13	272	32.9	27.6	5.1	0	5	9	57	121	65	12	3	0	0	0	0
12H7-10	1387	31.9	27.2	4.6	1	15	60	304	681	280	41	5	0	0	0	0
24H2-24	6670	32.3	27.4	4.7	1	17	69	316	791	366	60	7	1	0	0	0
AM Peak	08:00	05:00	07:00	00:00	00:00	08:00	08:00	08:00	08:00	07:00	07:00	10:00	04:00	00:00	00:00	00:00
	143	35.0	29.2	8.2	0	3	8	36	66	29	4	2	1	0	0	0
PM Peak	16:00	22:00	23:00	22:00	17:00	14:00	13:00	14:00	13:00	16:00	19:00	14:00	12:00	12:00	12:00	12:00
	158	38.1	32.5	6.3	1	3	11	36	81	49	6	3	0	0	0	0

360 TSL Ltd

Direction: Total Flow

Hour	Total Volume	ECM Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-15	Bin 3 15-20	Bin 4 20-25	Bin 5 25-30	Bin 6 30-35	Bin 7 35-40	Bin 8 40-45	Bin 9 45-50	Bin 10 50-55	Bin 11 55-60	Bin 12 >60
00:00	8	32.9	26.3	6.4	0	0	0	1	3	2	1	0	0	0	0	0
01:00	8	31.2	26.9	4.2	0	0	0	3	3	2	0	0	0	0	0	0
02:00	10	32.5	28.0	4.4	0	0	1	0	0	4	1	0	0	0	0	0
03:00	15	33.1	26.5	6.3	0	0	2	5	4	2	2	0	0	0	0	0
04:00	15	35.6	29.2	6.2	0	0	0	8	16	2	2	1	0	0	0	0
05:00	109	33.1	27.9	5.0	0	1	2	27	47	24	6	2	0	0	0	0
06:00	112	33.2	28.2	4.8	1	2	2	19	61	40	4	0	0	0	0	0
07:00	241	33.3	29.2	4.0	1	0	24	117	85	13	0	0	0	0	0	0
08:00	310	32.5	27.4	4.9	0	3	15	79	130	73	16	0	0	0	0	0
09:00	220	32.4	26.8	5.4	0	6	16	46	91	38	9	1	0	0	0	0
10:00	201	32.4	26.3	5.9	4	4	12	53	87	33	3	4	1	0	0	0
11:00	180	32.7	27.1	6.4	0	2	8	39	88	40	12	2	0	0	0	0
12:00	237	32.2	26.7	5.3	1	3	19	59	90	56	9	0	0	0	0	0
13:00	284	31.2	26.5	5.2	0	2	19	79	149	41	8	1	0	0	0	0
14:00	270	32.5	27.1	5.2	0	4	15	64	120	53	9	5	0	0	0	0
15:00	272	33.1	27.6	5.3	2	6	10	48	117	78	10	1	0	0	0	0
16:00	299	33.1	28.3	4.6	0	10	10	55	132	86	14	1	0	0	0	0
17:00	303	34.6	28.5	5.9	3	6	12	38	127	89	20	7	1	0	0	0
18:00	156	34.4	29.9	4.3	0	0	1	13	59	49	12	2	0	0	0	0
19:00	99	36.9	30.0	6.6	0	2	4	16	25	29	18	5	0	0	0	0
20:00	69	37.1	30.9	6.0	0	1	2	4	25	19	16	1	1	0	0	0
21:00	301	33.6	28.5	4.9	0	0	4	16	46	27	6	2	0	0	0	0
22:00	63	35.3	29.6	5.5	0	1	1	10	18	27	5	0	1	0	0	0
23:00	12	39.9	30.8	8.6	0	0	0	1	3	1	3	0	0	1	0	0
Total																
2PM-12:30	381	32.1	26.7	5.3	4	6	20	92	175	71	6	0	0	0	0	0
542	328	27.6	5.2	2	10	25	112	237	131	69	6	0	0	0	0	0
2PM-12:30	381	32.1	26.7	5.3	1	11	36	138	258	120	22	0	0	0	0	0
2PM-12:30	384	33.1	27.8	5.2	12	43	158	702	1563	915	189	35	0	0	0	0
AM-PM	00:00	04:00	04:00	00:00	4	10:00	0:00	00:00	08:00	08:00	07:00	00:00	04:00	00:00	00:00	00:00
17:00	21:00	21:00	21:00	21:00	17:00	15:00	12:00	13:00	13:00	13:00	17:00	17:00	17:00	16:00	12:00	12:00
PM-PM	17:00	23:00	23:00	23:00	17:00	15:00	12:00	13:00	13:00	13:00	17:00	17:00	17:00	16:00	12:00	12:00
17:00	21:00	21:00	21:00	21:00	17:00	15:00	12:00	13:00	13:00	13:00	17:00	17:00	17:00	16:00	12:00	12:00



North Wales ATC 23, Engine Hill



Direction: Southbound

Hour Beginning	Thu 05/05/2022	Fri 06/05/2022	Sat 07/05/2022	Sun 08/05/2022	Mon 09/05/2022	Tue 10/05/2022	Wed 11/05/2022	5-Day Ave.	7-Day Ave.
00:00	2	6	8	8	6	2	3	4	5
01:00	11	13	11	15	19	10	8	12	12
02:00	9	7	10	8	10	8	8	8	9
03:00	13	16	12	21	11	14	13	13	14
04:00	8	6	4	6	10	3	7	7	6
05:00	96	80	25	15	92	87	83	88	68
06:00	63	61	15	20	63	70	68	65	51
07:00	146	136	35	29	156	152	151	148	115
08:00	174	169	55	31	166	169	171	170	134
09:00	119	89	76	46	104	104	118	107	94
10:00	96	109	64	56	81	104	100	98	87
11:00	100	108	77	92	113	100	101	104	99
12:00	117	122	100	91	105	123	113	116	110
13:00	164	167	120	88	174	170	166	168	150
14:00	131	184	114	87	179	132	135	152	137
15:00	162	148	95	92	155	135	154	151	134
16:00	158	180	90	92	130	145	173	157	138
17:00	157	151	96	87	154	169	174	161	141
18:00	99	106	45	37	71	77	76	86	73
19:00	53	66	31	33	48	58	58	57	50
20:00	47	34	28	35	37	34	50	40	38
21:00	47	29	24	21	48	58	58	48	41
22:00	21	27	20	7	9	20	13	18	17
23:00	9	13	9	4	10	8	10	10	9
Total									
12H(7-19)	1623	1669	967	828	1588	1580	1632	1618	1412
16H(6-22)	1833	1859	1065	937	1784	1800	1866	1828	1592
18H(6-24)	1863	1899	1094	948	1803	1828	1889	1856	1618
24H(0-24)	2002	2027	1164	1021	1951	1952	2011	1989	1733
AM Peak	08:00	08:00	11:00	11:00	08:00	08:00	08:00	08:00	08:00
	174	169	77	92	166	169	171	170	134
PM Peak	13:00	14:00	13:00	15:00	14:00	13:00	17:00	13:00	13:00
	164	184	120	92	179	170	174	168	150

360 TSL Ltd

Direction: Northbound

Hour Beginning	Thu 05/05/2022	Fri 06/05/2022	Sat 07/05/2022	Sun 08/05/2022	Mon 09/05/2022	Tue 10/05/2022	Wed 11/05/2022	5-Day Ave.	7-Day Ave.
00:00	2	2	8	4	3	2	3	2	3
01:00	2	3	5	2	2	5	4	3	3
02:00	3	3	0	2	3	3	3	3	2
03:00	2	6	0	6	1	0	4	3	3
04:00	24	24	8	19	23	26	17	23	20
05:00	31	26	35	22	27	26	24	27	27
06:00	89	76	19	16	65	76	90	79	62
07:00	109	104	31	32	114	101	106	107	85
08:00	161	162	70	40	162	183	172	168	136
09:00	104	114	66	61	111	105	116	110	97
10:00	117	105	97	88	89	99	99	102	99
11:00	95	114	89	87	77	80	104	94	92
12:00	125	132	70	90	103	104	190	131	116
13:00	146	138	79	76	117	111	113	125	111
14:00	128	109	64	67	165	164	137	141	119
15:00	161	126	59	75	131	134	123	135	116
16:00	165	138	65	59	157	161	176	159	132
17:00	134	144	75	71	154	161	170	153	130
18:00	63	85	52	53	59	58	65	61	162
19:00	49	49	42	38	26	40	46	42	41
20:00	23	22	22	19	16	13	26	20	20
21:00	33	8	11	23	35	41	47	33	28
22:00	33	11	9	5	41	44	37	33	26
23:00	3	7	3	3	5	2	2	4	4
Total									
12H(7-19)	1508	1471	817	799	1439	1461	1565	1489	1294
16H(6-22)	1702	1626	911	895	1581	1631	1774	1663	1446
18H(6-24)	1738	1644	923	903	1627	1677	1813	1700	1475
24H(0-24)	1802	1708	979	958	1686	1739	1868	1761	1534
AM Peak	08:00	08:00	10:00	10:00	08:00	08:00	08:00	08:00	08:00
	161	162	97	88	162	183	172	168	136
PM Peak	16:00	17:00	13:00	12:00	14:00	14:00	12:00	16:00	16:00
	165	144	79	90	165	164	190	159	132

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Thu 05/05/2022	Fri 06/05/2022	Sat 07/05/2022	Sun 08/05/2022	Mon 09/05/2022	Tue 10/05/2022	Wed 11/05/2022	5-Day Ave.	7-Day Ave.
00:00	4	8	16	12	9	4	6	6	8
01:00	13	16	16	17	21	15	12	15	16
02:00	12	10	10	10	13	11	11	11	11
03:00	15	22	12	27	12	14	17	16	17
04:00	32	30	12	25	33	29	24	30	26
05:00	127	106	60	37	119	113	107	114	96
06:00	152	137	34	36	128	146	158	144	113
07:00	255	240	66	61	270	253	257	255	200
08:00	335	331	125	71	328	352	343	338	269
09:00	223	203	142	107	215	209	234	217	190
10:00	213	214	161	144	170	203	199	200	186
11:00	195	222	166	179	190	180	205	198	191
12:00	242	254	170	181	208	227	303	247	226
13:00	310	305	199	164	291	281	279	293	261
14:00	259	293	178	154	344	296	272	293	257
15:00	323	274	154	167	286	269	277	286	250
16:00	323	318	155	151	287	306	349	317	270
17:00	291	295	171	158	308	330	344	314	271
18:00	162	191	97	90	130	135	135	151	134
19:00	102	115	73	71	74	98	104	99	91
20:00	70	56	50	54	53	47	76	60	58
21:00	80	37	35	44	83	99	105	81	69
22:00	54	38	29	12	50	64	50	51	42
23:00	12	20	12	7	15	10	12	14	13
Total									
12H(7-19)	3131	3140	1784	1627	3027	3041	3197	3107	2707
16H(6-22)	3535	3485	1976	1832	3365	3431	3640	3491	3038
18H(6-24)	3601	3543	2017	1851	3430	3505	3702	3556	3093
24H(0-24)	3804	3735	2143	1979	3637	3691	3879	3749	3267
AM Peak	08:00	08:00	11:00	11:00	08:00	08:00	08:00	08:00	08:00
	335	331	166	179	328	352	343	338	269
PM Peak	15:00	16:00	13:00	12:00	14:00	17:00	16:00	16:00	17:00
	323	318	199	181	344	330	349	317	271

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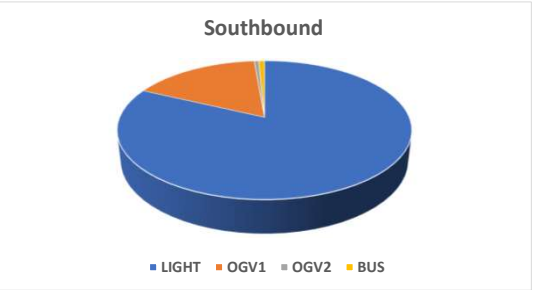
North Wales ATC 23, Engine Hill

Direction: Southbound

	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 5 May 2022	2002	1573	390	18	21
Fri 6 May 2022	2027	1653	339	19	16
Sat 7 May 2022	1164	999	152	4	9
Sun 8 May 2022	1021	895	117	2	7
Mon 9 May 2022	1951	1598	332	8	13
Tue 10 May 2022	1952	1584	348	8	12
Wed 11 May 2022	2011	1647	338	12	14
5 Day Ave.	1989	1611	349	13	15
7 Day Ave.	1733	1421	288	10	13

	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 5 May 2022	100.0%	78.6%	19.5%	0.9%	1.0%
Fri 6 May 2022	100.0%	81.5%	16.7%	0.9%	0.8%
Sat 7 May 2022	100.0%	85.8%	13.1%	0.3%	0.8%
Sun 8 May 2022	100.0%	87.7%	11.5%	0.2%	0.7%
Mon 9 May 2022	100.0%	81.9%	17.0%	0.4%	0.7%
Tue 10 May 2022	100.0%	81.1%	17.8%	0.4%	0.6%
Wed 11 May 2022	100.0%	81.9%	16.8%	0.6%	0.7%
5 Day Ave.	100.0%	81.0%	17.6%	0.7%	0.8%
7 Day Ave.	100.0%	82.0%	16.6%	0.6%	0.8%

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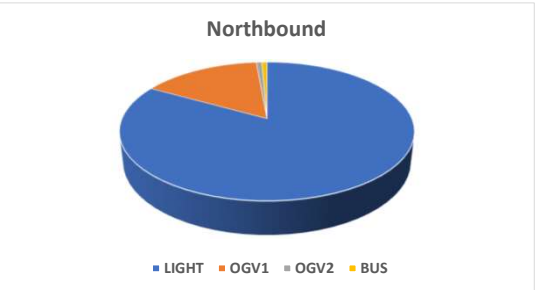


Direction: Northbound

	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 5 May 2022	1802	1430	343	16	13
Fri 6 May 2022	1708	1399	276	19	14
Sat 7 May 2022	979	846	123	3	7
Sun 8 May 2022	958	848	100	4	6
Mon 9 May 2022	1686	1427	242	9	8
Tue 10 May 2022	1739	1418	299	12	10
Wed 11 May 2022	1868	1561	278	15	14
5 Day Ave.	1761	1447	288	14	12
7 Day Ave.	1534	1276	237	11	10

	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 5 May 2022	100.0%	79.4%	19.0%	0.9%	0.7%
Fri 6 May 2022	100.0%	81.9%	16.2%	1.1%	0.8%
Sat 7 May 2022	100.0%	86.4%	12.6%	0.3%	0.7%
Sun 8 May 2022	100.0%	88.5%	10.4%	0.4%	0.6%
Mon 9 May 2022	100.0%	84.6%	14.4%	0.5%	0.5%
Tue 10 May 2022	100.0%	81.5%	17.2%	0.7%	0.6%
Wed 11 May 2022	100.0%	83.6%	14.9%	0.8%	0.7%
5 Day Ave.	100.0%	82.2%	16.3%	0.8%	0.7%
7 Day Ave.	100.0%	83.1%	15.5%	0.7%	0.7%

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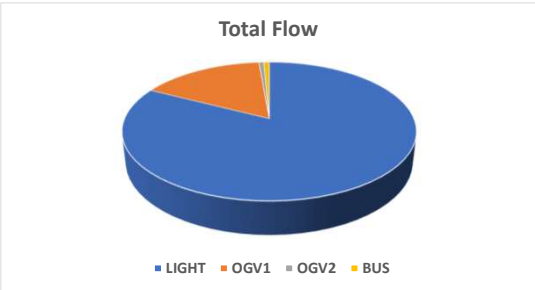


Direction: Total Flow

	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 5 May 2022	3804	3003	733	34	34
Fri 6 May 2022	3735	3052	615	38	30
Sat 7 May 2022	2143	1845	275	7	16
Sun 8 May 2022	1979	1743	217	6	13
Mon 9 May 2022	3637	3025	574	17	21
Tue 10 May 2022	3691	3002	647	20	22
Wed 11 May 2022	3879	3208	616	27	28
5 Day Ave.	3749	3058	637	27	27
7 Day Ave.	3267	2697	525	21	23

	Total Volume	LIGHT	OGV1	OGV2	BUS
Thu 5 May 2022	100.0%	78.9%	19.3%	0.9%	0.9%
Fri 6 May 2022	100.0%	81.7%	16.5%	1.0%	0.8%
Sat 7 May 2022	100.0%	86.1%	12.8%	0.3%	0.7%
Sun 8 May 2022	100.0%	88.1%	11.0%	0.3%	0.7%
Mon 9 May 2022	100.0%	83.2%	15.8%	0.5%	0.6%
Tue 10 May 2022	100.0%	81.3%	17.5%	0.5%	0.6%
Wed 11 May 2022	100.0%	82.7%	15.9%	0.7%	0.7%
5 Day Ave.	100.0%	81.6%	17.0%	0.7%	0.7%
7 Day Ave.	100.0%	82.6%	16.1%	0.7%	0.7%

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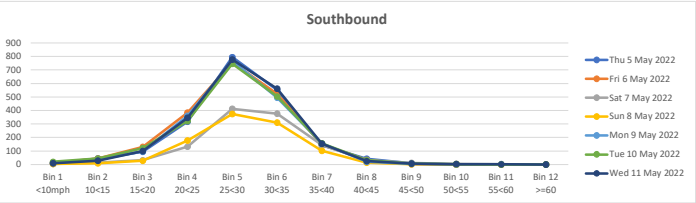


North Wales ATC 23, Engine Hill

Direction: Southbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<15	Bin 3 15<20	Bin 4 20<25	Bin 5 25<30	Bin 6 30<35	Bin 7 35<40	Bin 8 40<45	Bin 9 45<50	Bin 10 50<55	Bin 11 55<60	Bin 12 >=60
Thu 5 May 2022	2002	34.4	28.3	5.9	7	45	95	317	795	552	141	42	8	0	0	0
Fri 6 May 2022	2027	34.0	27.8	6.0	11	44	130	383	755	523	146	33	2	0	0	0
Sat 7 May 2022	1164	36.4	30.0	6.2	5	15	32	131	412	376	143	32	12	4	2	0
Sun 8 May 2022	1021	34.7	29.0	5.6	5	8	27	178	374	309	102	14	2	2	0	0
Mon 9 May 2022	1951	34.2	28.0	5.9	12	35	96	359	768	495	155	22	5	2	2	0
Tue 10 May 2022	1952	34.4	27.9	6.3	20	44	121	322	746	503	156	32	6	2	0	0
Wed 11 May 2022	2011	34.3	28.3	5.8	9	29	100	345	777	561	154	25	7	3	1	0
5 Day Ave.	1989	34.3	28.1	6.0	12	39	108	345	768	527	150	31	6	1	1	0
7 Day Ave.	1733	34.6	28.5	5.9	10	31	86	291	661	474	142	29	6	2	1	0

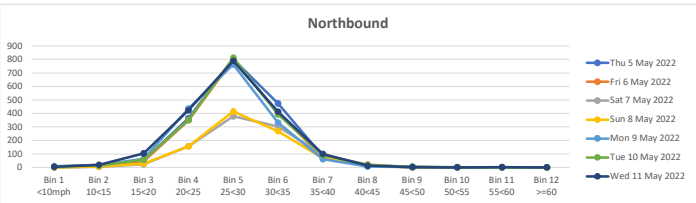
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Direction: Northbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<15	Bin 3 15<20	Bin 4 20<25	Bin 5 25<30	Bin 6 30<35	Bin 7 35<40	Bin 8 40<45	Bin 9 45<50	Bin 10 50<55	Bin 11 55<60	Bin 12 >=60
Thu 5 May 2022	1802	32.9	28.0	4.7	0	12	51	365	802	474	83	12	3	0	0	0
Fri 6 May 2022	1708	32.8	27.8	4.8	3	17	44	349	800	404	76	15	0	0	0	0
Sat 7 May 2022	979	34.6	29.2	5.2	0	4	22	157	379	303	92	21	1	0	0	0
Sun 8 May 2022	958	33.9	28.7	5.0	0	6	27	155	415	268	69	18	0	0	0	0
Mon 9 May 2022	1686	32.0	27.0	4.9	8	17	64	436	762	332	60	6	1	0	0	0
Tue 10 May 2022	1739	33.0	27.9	5.0	5	12	55	350	812	393	92	15	4	1	0	0
Wed 11 May 2022	1868	32.8	27.4	5.3	4	19	104	423	790	413	100	12	2	0	1	0
5 Day Ave.	1761	32.7	27.6	4.9	4	15	64	385	793	403	82	12	2	0	0	0
7 Day Ave.	1534	33.2	28.0	5.0	3	12	52	319	680	370	82	14	2	0	0	0

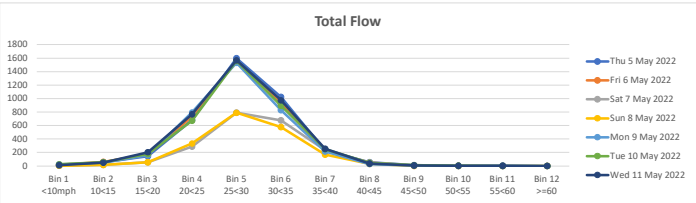
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Direction: Total Flow

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<15	Bin 3 15<20	Bin 4 20<25	Bin 5 25<30	Bin 6 30<35	Bin 7 35<40	Bin 8 40<45	Bin 9 45<50	Bin 10 50<55	Bin 11 55<60	Bin 12 >=60
Thu 5 May 2022	3804	33.7	28.2	5.4	7	57	146	682	1597	1026	224	54	11	0	0	0
Fri 6 May 2022	3735	33.4	27.8	5.5	14	61	174	732	1555	927	222	48	2	0	0	0
Sat 7 May 2022	2143	35.6	29.6	5.7	5	19	54	288	791	679	235	53	13	4	2	0
Sun 8 May 2022	1979	34.4	28.8	5.3	5	14	54	333	789	577	171	32	2	2	0	0
Mon 9 May 2022	3637	33.2	27.6	5.5	20	52	160	795	1530	827	215	28	6	2	2	0
Tue 10 May 2022	3691	33.8	27.9	5.7	25	56	176	672	1558	896	248	47	10	3	0	0
Wed 11 May 2022	3879	33.6	27.9	5.6	13	48	204	768	1567	974	254	37	9	3	2	0
5 Day Ave.	3749	33.6	27.9	5.5	16	55	172	730	1561	930	233	43	8	2	1	0
7 Day Ave.	3267	34.0	28.3	5.5	13	44	138	610	1341	844	224	43	8	2	1	0

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## North Wales ATC 23, Engine Hill

Direction: Southbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<15	Bin 3 15<20	Bin 4 20<25	Bin 5 25<30	Bin 6 30<35	Bin 7 35<40	Bin 8 40<45	Bin 9 45<50	Bin 10 50<55	Bin 11 55<60	Bin 12 >=60
Thu 5 May 2022	196	33.7	27.5	6.0	1	7	10	32	90	40	12	3	1	0	0	0
Fri 6 May 2022	217	33.2	27.1	5.8	0	7	18	38	96	41	14	3	0	0	0	0
Sat 7 May 2022	141	35.3	29.6	5.5	1	0	3	17	57	45	15	2	0	1	0	0
Sun 8 May 2022	148	34.3	28.3	5.8	1	2	4	35	48	41	15	2	0	0	0	0
Mon 9 May 2022	194	32.4	27.2	5.0	1	1	8	50	84	38	12	0	0	0	0	0
Tue 10 May 2022	204	33.2	27.1	5.9	3	2	16	41	83	45	13	0	1	0	0	0
Wed 11 May 2022	201	32.7	26.8	5.7	2	3	15	47	85	37	9	3	0	0	0	0
5 Day Ave.	202	33.0	27.1	5.7	1	4	13	42	88	40	12	2	0	0	0	0
7 Day Ave.	186	33.5	27.7	5.7	1	3	11	37	78	41	13	2	0	0	0	0

360 TSL Ltd

Direction: Northbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<15	Bin 3 15<20	Bin 4 20<25	Bin 5 25<30	Bin 6 30<35	Bin 7 35<40	Bin 8 40<45	Bin 9 45<50	Bin 10 50<55	Bin 11 55<60	Bin 12 >=60
Thu 5 May 2022	212	31.4	27.1	4.2	0	0	5	61	98	42	6	0	0	0	0	0
Fri 6 May 2022	219	31.8	27.1	4.6	0	1	10	54	108	35	10	1	0	0	0	0
Sat 7 May 2022	186	33.0	28.6	4.3	0	0	1	35	85	53	11	1	0	0	0	0
Sun 8 May 2022	175	34.1	28.7	5.2	0	0	8	30	71	47	16	3	0	0	0	0
Mon 9 May 2022	166	30.2	25.5	4.5	0	5	3	72	60	24	2	0	0	0	0	0
Tue 10 May 2022	179	32.4	26.9	5.4	2	1	8	45	87	28	5	2	0	1	0	0
Wed 11 May 2022	203	31.9	26.2	5.5	3	4	14	51	88	36	6	1	0	0	0	0
5 Day Ave.	196	31.6	26.6	4.8	1	2	8	57	88	33	6	1	0	0	0	0
7 Day Ave.	191	32.1	27.2	4.8	1	2	7	50	85	38	8	1	0	0	0	0

360 TSL Ltd

Direction: Total Flow

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<15	Bin 3 15<20	Bin 4 20<25	Bin 5 25<30	Bin 6 30<35	Bin 7 35<40	Bin 8 40<45	Bin 9 45<50	Bin 10 50<55	Bin 11 55<60	Bin 12 >=60
Thu 5 May 2022	408	32.6	27.3	5.1	1	7	15	93	188	82	18	3	1	0	0	0
Fri 6 May 2022	436	32.5	27.1	5.3	0	8	28	92	204	76	24	4	0	0	0	0
Sat 7 May 2022	327	34.1	29.0	4.8	1	0	4	52	142	98	26	3	0	1	0	0
Sun 8 May 2022	323	34.2	28.5	5.5	1	2	12	65	119	88	31	5	0	0	0	0
Mon 9 May 2022	360	31.5	26.4	4.8	1	6	11	122	144	62	14	0	0	0	0	0
Tue 10 May 2022	383	32.8	27.0	5.6	5	3	24	86	170	73	18	2	1	1	0	0
Wed 11 May 2022	404	32.3	26.5	5.6	5	7	29	98	173	73	15	4	0	0	0	0
5 Day Ave.	398	32.3	26.9	5.3	2	6	21	98	176	73	18	3	0	0	0	0
7 Day Ave.	377	32.9	27.4	5.3	2	5	18	87	163	79	21	3	0	0	0	0

360 TSL Ltd



## North Wales ATC 23, Engine Hill

Direction: Southbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<15	Bin 3 15<20	Bin 4 20<25	Bin 5 25<30	Bin 6 30<35	Bin 7 35<40	Bin 8 40<45	Bin 9 45<50	Bin 10 50<55	Bin 11 55<60	Bin 12 >=60
Thu 5 May 2022	293	33.3	27.2	5.9	0	12	18	61	110	75	14	2	1	0	0	0
Fri 6 May 2022	332	32.5	26.2	6.1	0	12	41	76	123	55	22	3	0	0	0	0
Sat 7 May 2022	209	35.0	28.5	6.3	0	6	12	25	90	52	18	3	2	1	0	0
Sun 8 May 2022	179	33.7	28.1	5.4	0	2	6	37	75	44	13	1	0	1	0	0
Mon 9 May 2022	334	32.4	25.8	6.3	3	13	34	92	115	60	15	0	1	0	1	0
Tue 10 May 2022	267	32.8	26.4	6.3	1	13	23	62	99	53	12	3	1	0	0	0
Wed 11 May 2022	289	34.5	28.1	6.2	0	6	20	53	101	79	25	2	2	1	0	0
5 Day Ave.	303	33.1	26.7	6.1	1	11	27	69	110	64	18	2	1	0	0	0
7 Day Ave.	272	33.5	27.2	6.0	1	9	22	58	102	60	17	2	1	0	0	0

360 TSL Ltd

Direction: Northbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<15	Bin 3 15<20	Bin 4 20<25	Bin 5 25<30	Bin 6 30<35	Bin 7 35<40	Bin 8 40<45	Bin 9 45<50	Bin 10 50<55	Bin 11 55<60	Bin 12 >=60
Thu 5 May 2022	289	32.0	27.0	4.8	0	3	10	81	129	52	13	0	1	0	0	0
Fri 6 May 2022	235	32.6	28.0	4.5	0	1	6	42	121	53	9	3	0	0	0	0
Sat 7 May 2022	123	34.8	29.1	5.5	0	0	5	22	44	34	16	2	0	0	0	0
Sun 8 May 2022	142	33.3	27.7	5.4	0	3	5	32	55	38	7	2	0	0	0	0
Mon 9 May 2022	296	31.0	26.3	4.5	0	2	17	87	142	38	10	0	0	0	0	0
Tue 10 May 2022	298	32.6	27.9	4.5	0	1	8	57	150	66	13	3	0	0	0	0
Wed 11 May 2022	260	33.4	27.7	5.5	0	0	23	50	107	60	15	4	1	0	0	0
5 Day Ave.	276	32.3	27.4	4.8	0	1	13	63	130	54	12	2	0	0	0	0
7 Day Ave.	235	32.8	27.7	4.9	0	1	11	53	107	49	12	2	0	0	0	0

360 TSL Ltd

Direction: Total Flow

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10<15	Bin 3 15<20	Bin 4 20<25	Bin 5 25<30	Bin 6 30<35	Bin 7 35<40	Bin 8 40<45	Bin 9 45<50	Bin 10 50<55	Bin 11 55<60	Bin 12 >=60
Thu 5 May 2022	582	32.7	27.1	5.4	0	15	28	142	239	127	27	2	2	0	0	0
Fri 6 May 2022	567	32.7	26.9	5.6	0	13	47	118	244	108	31	6	0	0	0	0
Sat 7 May 2022	332	34.9	28.8	6.0	0	6	17	47	134	86	34	5	2	1	0	0
Sun 8 May 2022	321	33.5	28.0	5.4	0	5	11	69	130	82	20	3	0	1	0	0
Mon 9 May 2022	630	31.8	26.1	5.5	3	15	51	179	257	98	25	0	1	0	1	0
Tue 10 May 2022	565	32.8	27.2	5.5	1	14	31	119	249	119	25	6	1	0	0	0
Wed 11 May 2022	549	34.0	27.9	5.9	0	6	43	103	208	139	40	6	3	1	0	0
5 Day Ave.	579	32.8	27.0	5.5	1	13	40	132	239	118	30	4	1	0	0	0
7 Day Ave.	507	33.2	27.4	5.6	1	11	33	111	209	108	29	4	1	0	0	0

360 TSL Ltd



North Wales ATC 23, Engine Hill

Direction: Southbound

05/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	2	2	0	0	0
01:00	11	10	0	1	0
02:00	9	6	3	0	0
03:00	13	6	5	1	1
04:00	8	7	1	0	0
05:00	96	89	7	0	0
06:00	63	50	12	0	1
07:00	146	119	23	1	3
08:00	174	126	44	1	3
09:00	119	78	36	2	3
10:00	96	62	30	1	3
11:00	100	70	29	0	1
12:00	117	85	27	3	2
13:00	164	128	35	1	0
14:00	131	95	32	2	2
15:00	162	130	30	2	0
16:00	158	129	27	2	0
17:00	157	140	16	0	1
18:00	99	83	15	0	1
19:00	53	42	10	1	0
20:00	47	43	4	0	0
21:00	47	45	2	0	0
22:00	21	19	2	0	0
23:00	9	9	0	0	0
Total					
12H(7-19)	1623	1245	344	15	19
16H(6-22)	1833	1425	372	16	20
18H(6-24)	1863	1453	374	16	20
24H(0-24)	2002	1573	390	18	21
AM Peak	08:00	08:00	08:00	09:00	07:00
	174	126	44	2	3
PM Peak	13:00	17:00	13:00	12:00	12:00
	164	140	35	3	2

360 TSL Ltd

Direction: Northbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	2	2	0	0	0
01:00	2	1	1	0	0
02:00	3	2	0	1	0
03:00	2	2	0	0	0
04:00	24	9	14	1	0
05:00	31	23	7	1	0
06:00	89	71	18	0	0
07:00	109	92	17	0	0
08:00	161	130	29	2	0
09:00	104	78	22	1	3
10:00	117	81	30	5	1
11:00	95	64	29	0	2
12:00	125	95	28	1	1
13:00	146	112	32	1	1
14:00	128	103	23	1	1
15:00	161	134	25	1	1
16:00	165	132	33	0	0
17:00	134	115	16	1	2
18:00	63	56	7	0	0
19:00	49	44	4	0	1
20:00	23	19	4	0	0
21:00	33	30	3	0	0
22:00	33	32	1	0	0
23:00	3	3	0	0	0
Total					
12H(7-19)	1508	1192	291	13	12
16H(6-22)	1702	1356	320	13	13
18H(6-24)	1738	1391	321	13	13
24H(0-24)	1802	1430	343	16	13
AM Peak	08:00	08:00	10:00	10:00	09:00
	161	130	30	5	3
PM Peak	16:00	15:00	16:00	12:00	17:00
	165	134	33	1	2

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	4	4	0	0	0
01:00	13	11	1	1	0
02:00	12	8	3	1	0
03:00	15	8	5	1	1
04:00	32	16	15	1	0
05:00	127	112	14	1	0
06:00	152	121	30	0	1
07:00	255	211	40	1	3
08:00	335	256	73	3	3
09:00	223	156	58	3	6
10:00	213	143	60	6	4
11:00	195	134	58	0	3
12:00	242	180	55	4	3
13:00	310	240	67	2	1
14:00	259	198	55	3	3
15:00	323	264	55	3	1
16:00	323	261	60	2	0
17:00	291	255	32	1	3
18:00	162	139	22	0	1
19:00	102	86	14	1	1
20:00	70	62	8	0	0
21:00	80	75	5	0	0
22:00	54	51	3	0	0
23:00	12	12	0	0	0
Total					
12H(7-19)	3131	2437	635	28	31
16H(6-22)	3535	2781	692	29	33
18H(6-24)	3601	2844	695	29	33
24H(0-24)	3804	3003	733	34	34
AM Peak	08:00	08:00	08:00	10:00	09:00
	335	256	73	6	6
PM Peak	15:00	15:00	13:00	12:00	12:00
	323	264	67	4	3

360 TSL Ltd



# North Wales ATC 23, Engine Hill

Direction: Southbound

06/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	6	4	1	1	0
01:00	13	13	0	0	0
02:00	7	3	4	0	0
03:00	16	8	7	1	0
04:00	6	5	0	0	1
05:00	80	77	3	0	0
06:00	61	50	10	0	1
07:00	136	106	27	2	1
08:00	169	134	32	1	2
09:00	89	65	19	2	3
10:00	109	89	19	1	0
11:00	108	85	21	2	0
12:00	122	90	29	2	1
13:00	167	131	33	1	2
14:00	184	146	33	3	2
15:00	148	117	27	2	2
16:00	180	156	24	0	0
17:00	151	137	14	0	0
18:00	106	94	12	0	0
19:00	66	55	10	1	0
20:00	34	27	6	0	1
21:00	29	27	2	0	0
22:00	27	23	4	0	0
23:00	13	11	2	0	0
Total					
12H(7-19)	1669	1350	290	16	13
16H(6-22)	1859	1509	318	17	15
18H(6-24)	1899	1543	324	17	15
24H(0-24)	2027	1653	339	19	16
AM Peak	08:00 169	08:00 134	08:00 32	07:00 2	09:00 3
PM Peak	14:00 184	16:00 156	13:00 33	14:00 3	13:00 2

360 TSL Ltd

Direction: Northbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	2	1	1	0	0
01:00	3	2	0	1	0
02:00	3	2	1	0	0
03:00	6	3	3	0	0
04:00	24	7	16	0	1
05:00	26	16	5	4	1
06:00	76	62	12	1	1
07:00	104	88	13	2	1
08:00	162	137	24	1	0
09:00	114	91	20	0	3
10:00	105	87	15	1	2
11:00	114	92	20	2	0
12:00	132	104	25	2	1
13:00	138	123	13	0	2
14:00	109	92	13	2	2
15:00	126	101	25	0	0
16:00	138	110	26	2	0
17:00	144	121	23	0	0
18:00	85	76	9	0	0
19:00	49	41	7	1	0
20:00	22	20	2	0	0
21:00	8	7	1	0	0
22:00	11	10	1	0	0
23:00	7	6	1	0	0
Total					
12H(7-19)	1471	1222	226	12	11
16H(6-22)	1626	1352	248	14	12
18H(6-24)	1644	1368	250	14	12
24H(0-24)	1708	1399	276	19	14
AM Peak	08:00 162	08:00 137	08:00 24	05:00 4	09:00 3
PM Peak	17:00 144	13:00 123	16:00 26	12:00 2	13:00 2

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	8	5	2	1	0
01:00	16	15	0	1	0
02:00	10	5	5	0	0
03:00	22	11	10	1	0
04:00	30	12	16	0	2
05:00	106	93	8	4	1
06:00	137	112	22	1	2
07:00	240	194	40	4	2
08:00	331	271	56	2	2
09:00	203	156	39	2	6
10:00	214	176	34	2	2
11:00	222	177	41	4	0
12:00	254	194	54	4	2
13:00	305	254	46	1	4
14:00	293	238	46	5	4
15:00	274	218	52	2	2
16:00	318	266	50	2	0
17:00	295	258	37	0	0
18:00	191	170	21	0	0
19:00	115	96	17	2	0
20:00	56	47	8	0	1
21:00	37	34	3	0	0
22:00	38	33	5	0	0
23:00	20	17	3	0	0
Total					
12H(7-19)	3140	2572	516	28	24
16H(6-22)	3485	2861	566	31	27
18H(6-24)	3543	2911	574	31	27
24H(0-24)	3735	3052	615	38	30
AM Peak	08:00 331	08:00 271	08:00 56	05:00 4	09:00 6
PM Peak	16:00 318	16:00 266	12:00 54	14:00 5	13:00 4

360 TSL Ltd



# North Wales ATC 23, Engine Hill

Direction: Southbound

07/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	8	8	0	0	0
01:00	11	10	1	0	0
02:00	10	4	6	0	0
03:00	12	5	5	2	0
04:00	4	3	1	0	0
05:00	25	24	1	0	0
06:00	15	13	2	0	0
07:00	35	25	9	0	1
08:00	55	39	15	0	1
09:00	76	60	14	2	0
10:00	64	55	8	0	1
11:00	77	66	11	0	0
12:00	100	81	17	0	2
13:00	120	110	10	0	0
14:00	114	104	9	0	1
15:00	95	83	12	0	0
16:00	90	83	7	0	0
17:00	96	87	8	0	1
18:00	45	38	6	0	1
19:00	31	28	3	0	0
20:00	28	26	1	0	1
21:00	24	21	3	0	0
22:00	20	18	2	0	0
23:00	9	8	1	0	0
Total					
12H(7-19)	967	831	126	2	8
16H(6-22)	1065	919	135	2	9
18H(6-24)	1094	945	138	2	9
24H(0-24)	1164	999	152	4	9
AM Peak	11:00	11:00	08:00	03:00	07:00
	77	66	15	2	1
PM Peak	13:00	13:00	12:00	12:00	12:00
	120	110	17	0	2

360 TSL Ltd

Direction: Northbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	8	6	1	1	0
01:00	5	5	0	0	0
02:00	0	0	0	0	0
03:00	0	0	0	0	0
04:00	8	6	0	1	1
05:00	35	15	20	0	0
06:00	19	18	1	0	0
07:00	31	26	5	0	0
08:00	70	61	8	0	1
09:00	66	56	9	0	1
10:00	97	88	9	0	0
11:00	89	81	8	0	0
12:00	70	57	11	1	1
13:00	79	72	6	0	1
14:00	64	54	9	0	1
15:00	59	53	6	0	0
16:00	65	56	8	0	1
17:00	75	68	7	0	0
18:00	52	48	4	0	0
19:00	42	35	7	0	0
20:00	22	20	2	0	0
21:00	11	10	1	0	0
22:00	9	8	1	0	0
23:00	3	3	0	0	0
Total					
12H(7-19)	817	720	90	1	6
16H(6-22)	911	803	101	1	6
18H(6-24)	923	814	102	1	6
24H(0-24)	979	846	123	3	7
AM Peak	10:00	10:00	05:00	00:00	04:00
	97	88	20	1	1
PM Peak	13:00	13:00	12:00	12:00	12:00
	79	72	11	1	1

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	16	14	1	1	0
01:00	16	15	1	0	0
02:00	10	4	6	0	0
03:00	12	5	5	2	0
04:00	12	9	1	1	1
05:00	60	39	21	0	0
06:00	34	31	3	0	0
07:00	66	51	14	0	1
08:00	125	100	23	0	2
09:00	142	116	23	2	1
10:00	161	143	17	0	1
11:00	166	147	19	0	0
12:00	170	138	28	1	3
13:00	199	182	16	0	1
14:00	178	158	18	0	2
15:00	154	136	18	0	0
16:00	155	139	15	0	1
17:00	171	155	15	0	1
18:00	97	86	10	0	1
19:00	73	63	10	0	0
20:00	50	46	3	0	1
21:00	35	31	4	0	0
22:00	29	26	3	0	0
23:00	12	11	1	0	0
Total					
12H(7-19)	1784	1551	216	3	14
16H(6-22)	1976	1722	236	3	15
18H(6-24)	2017	1759	240	3	15
24H(0-24)	2143	1845	275	7	16
AM Peak	11:00	11:00	08:00	03:00	08:00
	166	147	23	2	2
PM Peak	13:00	13:00	12:00	12:00	12:00
	199	182	28	1	3

360 TSL Ltd



# North Wales ATC 23, Engine Hill

Direction: Southbound

08/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	8	8	0	0	0
01:00	15	14	1	0	0
02:00	8	5	3	0	0
03:00	21	12	9	0	0
04:00	6	6	0	0	0
05:00	15	15	0	0	0
06:00	20	13	7	0	0
07:00	29	20	9	0	0
08:00	31	20	9	0	2
09:00	46	42	4	0	0
10:00	56	52	2	1	1
11:00	92	81	11	0	0
12:00	91	82	9	0	0
13:00	88	78	10	0	0
14:00	87	80	5	1	1
15:00	92	86	6	0	0
16:00	92	81	10	0	1
17:00	87	82	4	0	1
18:00	37	30	6	0	1
19:00	33	30	3	0	0
20:00	35	31	4	0	0
21:00	21	18	3	0	0
22:00	7	6	1	0	0
23:00	4	3	1	0	0
Total					
12H(7-19)	828	734	85	2	7
16H(6-22)	937	826	102	2	7
18H(6-24)	948	835	104	2	7
24H(0-24)	1021	895	117	2	7
AM Peak	11:00	11:00	11:00	10:00	08:00
	92	81	11	1	2
PM Peak	15:00	15:00	13:00	14:00	14:00
	92	86	10	1	1

360 TSL Ltd

Direction: Northbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	4	4	0	0	0
01:00	2	2	0	0	0
02:00	2	1	0	1	0
03:00	6	6	0	0	0
04:00	19	8	10	1	0
05:00	22	16	6	0	0
06:00	16	13	3	0	0
07:00	32	27	5	0	0
08:00	40	36	2	0	2
09:00	61	55	6	0	0
10:00	88	81	7	0	0
11:00	87	80	6	1	0
12:00	90	81	8	0	1
13:00	76	63	12	0	1
14:00	67	59	8	0	0
15:00	75	66	7	1	1
16:00	59	57	2	0	0
17:00	71	67	4	0	0
18:00	53	48	4	0	1
19:00	38	33	5	0	0
20:00	19	18	1	0	0
21:00	23	20	3	0	0
22:00	5	4	1	0	0
23:00	3	3	0	0	0
Total					
12H(7-19)	799	720	71	2	6
16H(6-22)	895	804	83	2	6
18H(6-24)	903	811	84	2	6
24H(0-24)	958	848	100	4	6
AM Peak	10:00	10:00	04:00	02:00	08:00
	88	81	10	1	2
PM Peak	12:00	12:00	13:00	15:00	12:00
	90	81	12	1	1

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	12	12	0	0	0
01:00	17	16	1	0	0
02:00	10	6	3	1	0
03:00	27	18	9	0	0
04:00	25	14	10	1	0
05:00	37	31	6	0	0
06:00	36	26	10	0	0
07:00	61	47	14	0	0
08:00	71	56	11	0	4
09:00	107	97	10	0	0
10:00	144	133	9	1	1
11:00	179	161	17	1	0
12:00	181	163	17	0	1
13:00	164	141	22	0	1
14:00	154	139	13	1	1
15:00	167	152	13	1	1
16:00	151	138	12	0	1
17:00	158	149	8	0	1
18:00	90	78	10	0	2
19:00	71	63	8	0	0
20:00	54	49	5	0	0
21:00	44	38	6	0	0
22:00	12	10	2	0	0
23:00	7	6	1	0	0
Total					
12H(7-19)	1627	1454	156	4	13
16H(6-22)	1832	1630	185	4	13
18H(6-24)	1851	1646	188	4	13
24H(0-24)	1979	1743	217	6	13
AM Peak	11:00	11:00	11:00	02:00	08:00
	179	161	17	1	4
PM Peak	12:00	12:00	13:00	14:00	18:00
	181	163	22	1	2

360 TSL Ltd



# North Wales ATC 23, Engine Hill

Direction: Southbound

09/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	6	6	0	0	0
01:00	19	17	2	0	0
02:00	10	5	5	0	0
03:00	11	4	7	0	0
04:00	10	9	0	0	1
05:00	92	87	5	0	0
06:00	63	51	11	0	1
07:00	156	121	34	0	1
08:00	166	128	38	0	0
09:00	104	83	20	1	0
10:00	81	57	21	1	2
11:00	113	86	26	0	1
12:00	105	86	19	0	0
13:00	174	145	27	1	1
14:00	179	150	27	1	1
15:00	155	117	36	1	1
16:00	130	107	20	1	2
17:00	154	135	18	0	1
18:00	71	64	6	1	0
19:00	48	42	6	0	0
20:00	37	35	1	0	1
21:00	48	45	2	1	0
22:00	9	9	0	0	0
23:00	10	9	1	0	0
Total					
12H(7-19)	1588	1279	292	7	10
16H(6-22)	1784	1452	312	8	12
18H(6-24)	1803	1470	313	8	12
24H(0-24)	1951	1598	332	8	13
AM Peak	08:00 166	08:00 128	08:00 38	09:00 1	10:00 2
PM Peak	14:00 179	14:00 150	15:00 36	13:00 1	16:00 2

360 TSL Ltd

Direction: Northbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	3	2	1	0	0
01:00	2	1	1	0	0
02:00	3	3	0	0	0
03:00	1	1	0	0	0
04:00	23	8	13	1	1
05:00	27	22	4	1	0
06:00	65	52	13	0	0
07:00	114	103	10	1	0
08:00	162	138	24	0	0
09:00	111	100	10	1	0
10:00	89	72	16	0	1
11:00	77	68	9	0	0
12:00	103	82	20	0	1
13:00	117	100	17	0	0
14:00	165	140	22	2	1
15:00	131	112	17	1	1
16:00	157	126	28	1	2
17:00	154	133	21	0	0
18:00	59	51	8	0	0
19:00	26	22	3	0	1
20:00	16	14	1	1	0
21:00	35	33	2	0	0
22:00	41	40	1	0	0
23:00	5	4	1	0	0
Total					
12H(7-19)	1439	1225	202	6	6
16H(6-22)	1581	1346	221	7	7
18H(6-24)	1627	1390	223	7	7
24H(0-24)	1686	1427	242	9	8
AM Peak	08:00 162	08:00 138	08:00 24	04:00 1	04:00 1
PM Peak	14:00 165	14:00 140	16:00 28	14:00 2	16:00 2

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	9	8	1	0	0
01:00	21	18	3	0	0
02:00	13	8	5	0	0
03:00	12	5	7	0	0
04:00	33	17	13	1	2
05:00	119	109	9	1	0
06:00	128	103	24	0	1
07:00	270	224	44	1	1
08:00	328	266	62	0	0
09:00	215	183	30	2	0
10:00	170	129	37	1	3
11:00	190	154	35	0	1
12:00	208	168	39	0	1
13:00	291	245	44	1	1
14:00	344	290	49	3	2
15:00	286	229	53	2	2
16:00	287	233	48	2	4
17:00	308	268	39	0	1
18:00	130	115	14	1	0
19:00	74	64	9	0	1
20:00	53	49	2	1	1
21:00	83	78	4	1	0
22:00	50	49	1	0	0
23:00	15	13	2	0	0
Total					
12H(7-19)	3027	2504	494	13	16
16H(6-22)	3365	2798	533	15	19
18H(6-24)	3430	2860	536	15	19
24H(0-24)	3637	3025	574	17	21
AM Peak	08:00 328	08:00 266	08:00 62	09:00 2	10:00 3
PM Peak	14:00 344	14:00 290	15:00 53	14:00 3	16:00 4

360 TSL Ltd



# North Wales ATC 23, Engine Hill

Direction: Southbound

10/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	2	1	1	0	0
01:00	10	9	0	1	0
02:00	8	4	4	0	0
03:00	14	4	10	0	0
04:00	3	3	0	0	0
05:00	87	84	3	0	0
06:00	70	57	11	0	2
07:00	152	126	25	1	0
08:00	169	141	26	1	1
09:00	104	78	26	0	0
10:00	104	76	28	0	0
11:00	100	77	21	1	1
12:00	123	93	28	0	2
13:00	170	140	28	1	1
14:00	132	88	40	2	2
15:00	135	109	25	0	1
16:00	145	123	21	1	0
17:00	169	151	17	0	1
18:00	77	63	13	0	1
19:00	58	46	12	0	0
20:00	34	31	3	0	0
21:00	58	56	2	0	0
22:00	20	17	3	0	0
23:00	8	7	1	0	0
Total					
12H(7-19)	1580	1265	298	7	10
16H(6-22)	1800	1455	326	7	12
18H(6-24)	1828	1479	330	7	12
24H(0-24)	1952	1584	348	8	12
AM Peak	08:00 169	08:00 141	10:00 28	01:00 1	06:00 2
PM Peak	13:00 170	17:00 151	14:00 40	14:00 2	12:00 2

360 TSL Ltd

Direction: Northbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	2	2	0	0	0
01:00	5	2	2	1	0
02:00	3	3	0	0	0
03:00	0	0	0	0	0
04:00	26	11	14	1	0
05:00	26	22	4	0	0
06:00	76	66	10	0	0
07:00	101	87	14	0	0
08:00	183	144	37	2	0
09:00	105	79	24	1	1
10:00	99	77	21	0	1
11:00	80	56	21	1	2
12:00	104	85	19	0	0
13:00	111	90	20	0	1
14:00	164	135	27	1	1
15:00	134	103	28	1	2
16:00	161	133	26	2	0
17:00	161	143	18	0	0
18:00	58	54	4	0	0
19:00	40	33	5	0	2
20:00	13	11	1	1	0
21:00	41	40	1	0	0
22:00	44	42	1	1	0
23:00	2	0	2	0	0
Total					
12H(7-19)	1461	1186	259	8	8
16H(6-22)	1631	1336	276	9	10
18H(6-24)	1677	1378	279	10	10
24H(0-24)	1739	1418	299	12	10
AM Peak	08:00 183	08:00 144	08:00 37	08:00 2	11:00 2
PM Peak	14:00 164	17:00 143	15:00 28	16:00 2	15:00 2

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	4	3	1	0	0
01:00	15	11	2	2	0
02:00	11	7	4	0	0
03:00	14	4	10	0	0
04:00	29	14	14	1	0
05:00	113	106	7	0	0
06:00	146	123	21	0	2
07:00	253	213	39	1	0
08:00	352	285	63	3	1
09:00	209	157	50	1	1
10:00	203	153	49	0	1
11:00	180	133	42	2	3
12:00	227	178	47	0	2
13:00	281	230	48	1	2
14:00	296	223	67	3	3
15:00	269	212	53	1	3
16:00	306	256	47	3	0
17:00	330	294	35	0	1
18:00	135	117	17	0	1
19:00	98	79	17	0	2
20:00	47	42	4	1	0
21:00	99	96	3	0	0
22:00	64	59	4	1	0
23:00	10	7	3	0	0
Total					
12H(7-19)	3041	2451	557	15	18
16H(6-22)	3431	2791	602	16	22
18H(6-24)	3505	2857	609	17	22
24H(0-24)	3691	3002	647	20	22
AM Peak	08:00 352	08:00 285	08:00 63	08:00 3	11:00 3
PM Peak	17:00 330	17:00 294	14:00 67	14:00 3	14:00 3

360 TSL Ltd



## North Wales ATC 23, Engine Hill

Direction: Southbound

11/05/2022

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	3	1	1	1	0
01:00	8	7	1	0	0
02:00	8	4	4	0	0
03:00	13	6	7	0	0
04:00	7	4	0	1	2
05:00	83	80	3	0	0
06:00	68	57	10	0	1
07:00	151	131	16	0	4
08:00	171	141	28	2	0
09:00	118	91	24	2	1
10:00	100	75	24	0	1
11:00	101	78	22	0	1
12:00	113	84	29	0	0
13:00	166	129	36	1	0
14:00	135	105	27	2	1
15:00	154	122	32	0	0
16:00	173	155	16	1	1
17:00	174	147	26	0	1
18:00	76	67	9	0	0
19:00	58	44	14	0	0
20:00	50	44	5	1	0
21:00	58	55	2	0	1
22:00	13	12	1	0	0
23:00	10	8	1	1	0
Total					
12H(7-19)	1632	1325	289	8	10
16H(6-22)	1866	1525	320	9	12
18H(6-24)	1889	1545	322	10	12
24H(0-24)	2011	1647	338	12	14
AM Peak					
	08:00	08:00	08:00	08:00	07:00
	171	141	28	2	4
PM Peak					
	17:00	16:00	13:00	14:00	14:00
	174	155	36	2	1

360 TSL Ltd

Direction: Northbound

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	3	2	1	0	0
01:00	4	3	1	0	0
02:00	3	3	0	0	0
03:00	4	4	0	0	0
04:00	17	5	11	0	1
05:00	24	14	8	1	1
06:00	90	80	7	3	0
07:00	106	99	6	1	0
08:00	172	155	16	0	1
09:00	116	100	14	1	1
10:00	99	86	12	1	0
11:00	104	82	18	1	3
12:00	190	161	26	2	1
13:00	113	90	21	2	0
14:00	137	104	31	1	1
15:00	123	104	19	0	0
16:00	176	138	35	1	2
17:00	170	148	20	1	1
18:00	59	48	11	0	0
19:00	46	37	8	0	1
20:00	26	21	5	0	0
21:00	47	42	4	0	1
22:00	37	34	3	0	0
23:00	2	1	1	0	0
Total					
12H(7-19)	1565	1315	229	11	10
16H(6-22)	1774	1495	253	14	12
18H(6-24)	1813	1530	257	14	12
24H(0-24)	1868	1561	278	15	14
AM Peak					
	08:00	08:00	11:00	06:00	11:00
	172	155	18	3	3
PM Peak					
	12:00	12:00	16:00	12:00	16:00
	190	161	35	2	2

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	LIGHT	OGV1	OGV2	BUS
00:00	6	3	2	1	0
01:00	12	10	2	0	0
02:00	11	7	4	0	0
03:00	17	10	7	0	0
04:00	24	9	11	1	3
05:00	107	94	11	1	1
06:00	158	137	17	3	1
07:00	257	230	22	1	4
08:00	343	296	44	2	1
09:00	234	191	38	3	2
10:00	199	161	36	1	1
11:00	205	160	40	1	4
12:00	303	245	55	2	1
13:00	279	219	57	3	0
14:00	272	209	58	3	2
15:00	277	226	51	0	0
16:00	349	293	51	2	3
17:00	344	295	46	1	2
18:00	135	115	20	0	0
19:00	104	81	22	0	1
20:00	76	65	10	1	0
21:00	105	97	6	0	2
22:00	50	46	4	0	0
23:00	12	9	2	1	0
Total					
12H(7-19)	3197	2640	518	19	20
16H(6-22)	3640	3020	573	23	24
18H(6-24)	3702	3075	579	24	24
24H(0-24)	3879	3208	616	27	28
AM Peak					
	08:00	08:00	08:00	06:00	07:00
	343	296	44	3	4
PM Peak					
	16:00	17:00	14:00	13:00	16:00
	349	295	58	3	3

360 TSL Ltd



North Wales ATC 23, Engine Hill

Direction: Southbound															
05/05/2022															
Hour Beginning	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-15	Bin 3 15-20	Bin 4 20-25	Bin 5 25-30	Bin 6 30-35	Bin 7 35-40	Bin 8 40-45	Bin 9 45-50	Bin 10 50-55	Bin 12 >=60
00:00	2	46.5	25.8	20.6	0	0	0	0	0	0	0	0	0	0	0
01:00	11	32.3	28.4	3.8	0	0	0	2	5	4	0	0	0	0	0
02:00	9	28.7	26.4	2.2	0	0	0	2	7	6	0	0	0	0	0
03:00	13	32.8	27.9	4.8	0	0	1	2	5	5	0	0	0	0	0
04:00	8	37.7	31.9	5.6	0	0	0	1	2	3	0	0	0	0	0
05:00	96	34.0	28.9	5.0	0	0	4	11	46	29	1	2	1	0	0
06:00	63	33.1	28.5	4.5	0	0	4	6	29	22	2	0	0	0	0
07:00	146	34.3	28.7	5.4	1	3	9	25	60	43	10	2	1	0	0
08:00	174	34.8	28.2	6.3	0	8	10	22	66	50	13	5	0	0	0
09:00	119	34.5	28.4	5.9	0	1	9	22	38	37	9	3	0	0	0
10:00	96	33.8	27.1	6.5	1	3	6	19	45	12	7	2	1	0	0
11:00	100	33.6	27.9	5.5	0	4	4	13	45	28	5	1	0	0	0
12:00	117	33.2	26.3	6.6	1	8	9	27	34	31	7	0	0	0	0
13:00	164	32.8	26.9	5.7	2	3	13	29	76	32	7	2	0	0	0
14:00	131	33.3	27.3	5.8	0	3	11	25	52	33	5	1	1	0	0
15:00	162	33.3	27.1	6.0	0	9	7	36	58	42	9	1	0	0	0
16:00	158	34.0	28.1	6.3	2	4	7	28	55	40	14	3	0	0	0
17:00	157	36.9	31.4	5.4	0	0	0	13	56	57	18	11	2	0	0
18:00	99	34.9	29.6	5.2	0	1	3	9	41	33	10	2	0	0	0
19:00	53	36.4	30.0	6.2	0	0	2	7	21	14	6	1	2	0	0
20:00	47	35.2	29.9	5.1	0	0	1	6	17	16	6	1	0	0	0
21:00	47	34.8	29.1	5.5	0	0	1	9	20	10	5	2	0	0	0
22:00	21	34.2	29.6	4.4	0	0	0	1	13	5	1	1	0	0	0
23:00	9	37.2	30.3	6.7	0	0	0	2	3	2	1	1	0	0	0
Total															
2H(0-12)	196	33.7	27.5	6.0	1	7	10	32	90	40	12	3	1	0	0
2H(14-16)	293	33.3	27.2	5.9	0	12	18	61	130	75	14	3	1	0	0
12H(7-19)	1633	34.4	28.1	6.0	7	45	82	268	636	443	114	33	5	0	0
24H(0-24)	2002	34.4	28.3	5.9	7	45	95	317	795	552	141	42	8	0	0
AM Peak	08:00	00:00	00:00	00:00	07:00	08:00	08:00	07:00	08:00	08:00	08:00	08:00	00:00	00:00	00:00
	174	46.9	35.8	10.6	1	8	10	25	66	50	13	5	1	0	0
PM Peak	13:00	23:00	17:00	23:00	13:00	15:00	13:00	15:00	13:00	17:00	17:00	17:00	17:00	12:00	12:00
	164	37.2	31.4	6.7	2	9	13	36	76	57	18	11	2	0	0

360 TSL Ltd

Direction: Northbound															
Hour Beginning	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-15	Bin 3 15-20	Bin 4 20-25	Bin 5 25-30	Bin 6 30-35	Bin 7 35-40	Bin 8 40-45	Bin 9 45-50	Bin 10 50-55	Bin 12 >=60
00:00	2	27.5	27.5	0.0	0	0	0	0	2	0	0	0	0	0	0
01:00	2	33.7	30.0	3.5	0	0	0	0	0	1	0	0	0	0	0
02:00	3	31.5	22.5	8.7	0	1	0	0	2	0	0	0	0	0	0
03:00	2	23.7	20.0	3.5	0	1	0	0	1	0	0	0	0	0	0
04:00	24	32.2	27.3	4.8	0	0	0	8	11	4	0	1	0	0	0
05:00	31	35.1	28.3	6.6	0	1	0	7	15	4	2	1	0	0	0
06:00	89	33.7	29.0	4.6	0	0	1	16	36	29	6	1	0	0	0
07:00	109	34.8	30.0	4.7	0	0	2	9	45	43	7	2	1	0	0
08:00	161	32.9	28.6	4.2	0	2	28	73	51	6	1	0	0	0	0
09:00	104	33.4	28.1	5.2	0	1	6	19	39	32	7	0	0	0	0
10:00	117	31.6	27.2	4.2	0	0	8	38	40	26	4	0	0	0	0
11:00	95	31.1	26.9	4.1	0	0	4	23	50	16	2	0	0	0	0
12:00	125	31.4	26.7	4.6	0	1	7	34	54	27	2	0	0	0	0
13:00	146	32.0	27.3	4.6	0	3	4	31	75	33	4	0	0	0	0
14:00	128	31.5	26.6	4.8	0	0	7	40	57	19	4	0	1	0	0
15:00	161	32.3	27.3	4.8	0	3	4	42	72	33	0	0	0	0	0
16:00	165	31.9	28.2	3.6	0	0	1	23	98	37	6	0	0	0	0
17:00	134	33.8	28.5	5.1	0	1	7	19	33	46	6	2	0	0	0
18:00	63	34.4	29.2	4.8	0	0	3	6	27	11	5	1	0	0	0
19:00	49	35.3	30.4	4.8	0	0	0	5	20	17	5	2	0	0	0
20:00	23	35.7	31.6	3.9	0	0	0	2	3	15	3	0	0	0	0
21:00	33	34.2	28.3	5.7	0	1	0	8	12	9	2	1	0	0	0
22:00	13	33.8	28.3	5.3	0	0	2	7	11	10	1	0	0	0	0
23:00	3	32.2	29.2	2.9	0	0	0	0	2	1	0	0	0	0	0
Total															
2H(0-12)	212	31.4	27.1	4.2	0	0	5	61	98	42	6	0	0	0	0
2H(14-16)	389	32.0	27.0	4.8	0	3	10	81	129	52	13	0	1	0	0
12H(7-19)	1508	32.6	27.8	4.6	0	9	47	311	687	384	62	6	2	0	0
24H(0-24)	1802	32.6	28.0	4.7	0	12	51	365	802	474	83	12	3	0	0
AM Peak	08:00	00:00	00:00	00:00	00:00	02:00	09:00	10:00	08:00	08:00	07:00	07:00	00:00	00:00	00:00
	161	36.1	30.8	8.7	0	1	6	39	79	51	7	2	1	0	0
PM Peak	16:00	20:00	20:00	21:00	13:00	13:00	13:00	15:00	16:00	17:00	15:00	17:00	14:00	12:00	12:00
	165	35.7	32.6	5.7	0	3	7	42	98	46	9	2	1	0	0

360 TSL Ltd

Direction: Total Flow															
Hour Beginning	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-15	Bin 3 15-20	Bin 4 20-25	Bin 5 25-30	Bin 6 30-35	Bin 7 35-40	Bin 8 40-45	Bin 9 45-50	Bin 10 50-55	Bin 12 >=60
00:00	4	39.0	31.3	7.5	0	0	0	0	3	0	0	1	0	0	0
01:00	13	32.4	28.7	3.6	0	0	0	2	6	5	0	0	0	0	0
02:00	12	30.1	25.4	4.5	0	1	0	2	9	0	0	0	0	0	0
03:00	15	32.3	26.8	5.3	0	0	2	3	5	5	0	0	0	0	0
04:00	12	33.9	28.4	5.3	0	0	0	9	13	13	4	1	0	0	0
05:00	127	34.3	28.7	5.4	0	1	4	18	61	33	5	3	2	0	0
06:00	157	33.5	28.8	4.5	0	0	5	22	65	51	8	1	0	0	0
07:00	255	34.6	29.2	5.1	1	1	5	34	105	86	17	4	2	0	0
08:00	335	34.0	28.4	5.4	0	8	12	50	139	101	19	6	0	0	0
09:00	223	34.0	28.2	5.6	0	2	15	41	77	69	16	3	0	0	0
10:00	213	32.7	27.2	5.3	1	3	7	57	93	38	11	2	1	0	0
11:00	195	32.2	27.4	4.9	0	4	8	36	95	44	7	1	0	0	0
12:00	242	32.3	26.5	5.6	1	9	16	61	88	58	9	0	0	0	0
13:00	310	32.5	27.1	5.2	2	6	17	60	147	60	11	2	0	0	0
14:00	259	32.4	26.9	5.3	0	3	18	65	109	52	9	1	2	0	0
15:00	323	32.8	27.2	5.4	0	12	10	77	130	75	18	1	0	0	0
16:00	323	33.4	28.2	5.1	2	4	8	51	133	82	20	3	0	0	0
17:00	291	35.7	30.1	5.4	0	1	7	32	109	103	24	13	2	0	0
18:00	162	34.4	29.4	5.1	0	1	6	15	68	54	15	3	0	0	0
19:00	102	35.9	30.1	5.6	0	0	2	12	41	31	11	3	2	0	0
20:00	70	35.4	30.5	4.8	0	0	1	8	20	31	9	1	0	0	0
21:00	80	34.4	28.8	5.6	0	1	1	17	32	19	7	3	0	0	0
22:00	54	33.9	28.8	5.0	0	0	2	8	24	15	4	1	0	0	0
23:00	12	36.1	30.0	5.8	0	0	0	2	5	3	1	1	0	0	0
Total															
2H(0-12)	408	32.6	27.3	5.1	1	7	15	93	188	82	18	3	1	0	0
2H(14-16)	582	32.7	27.1	5.4	0	15	28	142	239	127	27	2	2	0	0
12H(7-19)	3131	33.6	28.0	5.4	7	54	129	579	1313	827	176	39	7	0	0
2H(0-14)	3804	33.7	28.2	5.4	7	57	146	682	1597	1030	224	54	11	0	0
AM Peak	10:00	20:00	05:00	00:00	00:00	00:00	10:00	10:00	08:00	08:00	08:00	05:00	00:00	00:00	00:00
PM Peak	13:00	18:00	23:00	01:00	01:00	13:00	15:00	14:00	15:00	16:00	17:00	17:00	17:00	14:00	12:00
	35:00	23:00	20:00	20:00	21:00	2	12	18	77	153	105	24	13	2	0
	35:00	23:00	20:00	20:00	21:00	2	12	18	77	153	105	24	13	2	0



North Wales ATC 23, Engine Hill

Direction: Southbound

06/05/2022																
Hour Beginning	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-15	Bin 3 15-20	Bin 4 20-25	Bin 5 25-30	Bin 6 30-35	Bin 7 35-40	Bin 8 40-45	Bin 9 45-50	Bin 10 50-55	Bin 11 55-60	Bin 12 >=60
00:00	6	34.4	20.3	5.8	0	0	0	0	2	2	1	0	0	0	0	0
01:00	13	33.5	28.7	4.6	0	0	0	0	3	5	4	1	0	0	0	0
02:00	7	31.8	28.2	5.5	0	0	0	0	1	4	2	0	0	0	0	0
03:00	16	33.2	28.4	4.6	0	0	1	2	6	7	0	0	0	0	0	0
04:00	6	37.7	31.7	5.8	0	0	0	0	1	1	2	2	0	0	0	0
05:00	80	38.7	29.3	5.2	0	0	2	8	42	20	4	1	1	0	0	0
06:00	61	34.1	29.3	4.7	0	1	0	8	23	26	2	1	0	0	0	0
07:00	136	34.3	28.2	5.8	1	4	13	47	36	10	4	0	0	0	0	0
08:00	342	28.7	5.3	0	1	8	28	65	51	13	3	0	0	0	0	0
09:00	89	33.8	28.8	4.8	0	1	3	10	38	31	5	0	0	0	0	0
10:00	109	33.7	27.9	5.6	0	3	8	10	55	23	9	1	0	0	0	0
11:00	108	32.5	26.3	6.0	0	4	10	28	41	18	5	2	0	0	0	0
12:00	122	32.2	25.7	6.3	2	4	15	29	42	25	4	1	0	0	0	0
13:00	167	32.9	26.8	5.8	1	3	12	48	54	38	9	2	0	0	0	0
14:00	184	32.4	25.8	6.4	0	9	25	45	63	27	13	2	0	0	0	0
15:00	148	32.6	26.7	5.7	0	3	16	31	60	28	9	1	0	0	0	0
16:00	180	34.0	28.1	5.7	0	1	14	29	67	49	19	0	0	0	0	0
17:00	151	34.3	26.7	7.4	6	11	1	71	57	38	10	2	0	0	0	0
18:00	106	34.8	29.3	5.4	0	0	4	20	30	40	10	2	0	0	0	0
19:00	66	35.5	29.7	5.6	0	1	0	11	23	22	6	3	0	0	0	0
20:00	34	38.2	31.3	6.6	0	1	0	4	7	15	4	2	1	0	0	0
21:00	19	36.2	30.3	5.8	0	0	0	4	14	4	5	2	0	0	0	0
22:00	27	34.4	28.6	5.6	0	0	2	5	8	9	3	0	0	0	0	0
23:00	13	38.8	32.5	6.1	0	0	0	2	1	7	1	2	0	0	0	0
Total																
201614-131	217	33.2	27.1	5.8	0	7	18	38	96	41	14	3	0	0	0	0
201614-116	332	32.5	26.2	6.1	0	12	41	76	123	55	22	3	0	0	0	0
12047-116	1680	33.6	27.4	6.0	11	41	120	332	619	404	117	20	0	0	0	0
24040-246	2027	34.0	27.8	6.0	11	44	130	383	755	523	146	33	2	0	0	0
AM Peak	08:00	04:00	04:00	11:00	07:00	11:00	11:00	07:00	08:00	08:00	08:00	07:00	05:00	00:00	00:00	00:00
	169	37.7	31.7	6.0	1	4	10	33	65	51	13	4	1	0	0	0
PM Peak	14:00	23:00	23:00	17:00	17:00	17:00	14:00	13:00	16:00	16:00	16:00	19:00	20:00	12:00	12:00	12:00
	184	38.8	32.5	7.4	6	11	25	48	67	49	19	3	1	0	0	0

360 TSL Ltd

Direction: Northbound

Hour Beginning	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-15	Bin 3 15-20	Bin 4 20-25	Bin 5 25-30	Bin 6 30-35	Bin 7 35-40	Bin 8 40-45	Bin 9 45-50	Bin 10 50-55	Bin 11 55-60	Bin 12 >=60	
00:00	2	32.5	32.5	0.0	0	0	0	0	3	0	0	0	0	0	0	0	
01:00	3	22.5	22.5	0.0	0	0	0	0	2	1	0	0	0	0	0	0	
02:00	3	32.2	29.2	2.9	0	0	0	0	1	1	0	0	0	0	0	0	
03:00	6	30.9	26.7	12.8	0	2	0	1	0	1	1	0	0	0	0	0	
04:00	24	32.9	27.7	5.0	0	0	0	7	12	3	1	1	0	0	0	0	
05:00	26	31.8	26.5	5.1	0	0	2	9	8	6	1	0	0	0	0	0	
06:00	76	34.6	29.8	4.7	0	1	9	30	27	8	1	0	0	0	0	0	
07:00	104	34.7	30.0	4.6	0	0	1	10	45	35	11	2	0	0	0	0	
08:00	162	34.0	28.5	5.3	0	3	5	27	63	52	9	3	0	0	0	0	
09:00	114	33.5	28.6	4.8	0	1	1	23	46	35	7	1	0	0	0	0	
10:00	195	32.5	27.1	5.2	0	1	6	28	41	20	6	1	0	0	0	0	
11:00	114	32.7	27.0	4.0	0	4	26	65	15	4	0	0	0	0	0	0	
12:00	132	31.6	27.2	4.2	0	1	2	37	60	29	3	0	0	0	0	0	
13:00	138	31.3	26.9	4.2	0	2	4	31	77	20	4	0	0	0	0	0	
14:00	209	31.9	27.7	4.1	0	1	1	19	65	19	3	1	0	0	0	0	
15:00	126	33.2	28.3	4.8	0	5	23	56	34	5	2	0	0	0	0	0	
16:00	138	31.5	27.3	4.1	0	1	5	26	75	29	2	0	0	0	0	0	
17:00	144	31.4	26.5	4.7	1	1	3	4	36	75	22	2	0	0	0	0	
18:00	85	33.3	29.0	4.1	0	0	0	15	33	33	4	0	0	0	0	0	
19:00	49	32.2	26.0	6.0	2	1	3	9	24	9	1	0	0	0	0	0	
20:00	22	34.3	29.3	4.8	0	0	0	4	9	6	3	0	0	0	0	0	
21:00	8	33.2	29.4	3.7	0	0	0	1	3	4	0	0	0	0	0	0	
22:00	11	29.6	24.3	5.1	0	1	0	5	4	1	0	0	0	0	0	0	
23:00	7	38.2	30.4	5.7	0	0	0	0	1	1	0	1	0	0	0	0	
Total																	
201610-121	219	31.8	27.1	4.6	0	1	10	54	108	35	10	1	0	0	0	0	
201614-116	235	32.6	28.0	4.5	0	1	6	42	121	53	9	3	0	0	0	0	
12047-116	1471	32.6	27.8	4.6	1	13	38	301	703	343	61	11	0	0	0	0	
24040-246	1708	32.8	27.8	4.8	3	17	44	349	800	404	76	15	0	0	0	0	
AM Peak	08:00	03:00	00:00	03:00	00:00	08:00	10:00	10:00	11:00	08:00	07:00	08:00	00:00	00:00	00:00	00:00	
	182	39.3	32.5	12.8	0	3	6	28	66	52	11	3	0	0	0	0	
PM Peak	17:00	23:00	23:00	18:00	19:00	17:00	15:00	12:00	13:00	15:00	15:00	16:00	12:00	12:00	12:00	12:00	
	144	38.2	30.4	6.0	2	3	5	37	77	34	6	2	0	0	0	0	

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-15	Bin 3 15-20	Bin 4 20-25	Bin 5 25-30	Bin 6 30-35	Bin 7 35-40	Bin 8 40-45	Bin 9 45-50	Bin 10 50-55	Bin 11 55-60	Bin 12 >=60	
00:00	8	34.9	29.4	5.3	0	0	0	2	2	3	1	0	0	0	0	0	
01:00	16	32.5	27.5	4.8	0	0	0	6	5	4	1	0	0	0	0	0	
02:00	10	31.8	28.5	3.2	0	0	0	1	0	1	0	0	0	0	0	0	
03:00	22	35.6	28.0	7.4	0	2	1	3	6	8	1	1	0	0	0	0	
04:00	30	34.0	28.5	5.3	0	0	0	8	13	5	3	1	0	0	0	0	
05:00	384	34.4	28.6	5.3	0	4	17	10	53	51	21	5	0	0	0	0	
06:00	137	34.4	28.6	4.6	0	1	5	17	53	53	21	5	0	0	0	0	
07:00	245	34.0	28.6	5.4	0	1	43	19	92	73	21	2	0	0	0	0	
08:00	331	34.1	28.6	5.3	0	4	13	55	128	103	22	6	0	0	0	0	
09:00	327	34.7	28.6	7.4	0	2	19	58	148	169	13	3	0	0	0	0	
10:00	214	33.1	27.5	5.4	0	4	14	38	98	94	43	15	2	0	0	0	
11:00	222	31.9	26.7	5.1	0	4	14	54	106	133	9	2	0	0	0	0	
12:00	254	32.6	28.0	5.4	0	5	17	66	124	137	7	1	0	0	0	0	
13:00	305	32.2	26.8	5.2	0	1	5	16	79	131	58	13	0	0	0	0	
14:00	295	32.5	26.8	6.7	0	0	0	16	64	138	72	13	0	0	0	0	
15:00	274	33.0	27.4	5.4	0	3	21	54	116	162	15	3	0	0	0	0	
16:00	318	33.1	27.8	5.1	0	2	19	55	120	168	12	3	0	0	0	0	
17:00	295	33.0	26.6	6.2	0	7	14	10	57	132	60	28	0	0	0	0	
18:00	391	34.3	28.0	4.8	0	0	4	35	63	137	71	14	0	0	0	0	
19:00	133	34.1	31.1	6.0	0	2	2	20	40	73	14	3	0	0	0	0	
20:00	56	36.8	30.5	6.0	0	1	0	8	16	21	7	2	1	0	0	0	
21:00	37	34.1	30.5	5.4	0	0	0	5	17	8	6	2	0	0	0	0	
22:00	38	33.3	27.4	5.8	0	1	2	10	12	10	3	0	0	0	0	0	
23:00	30	37.3	31.8	5.5	0	0	0	7	6	8	1	3	0	0	0	0	
Total																	
276:10-13	446	32.5	27.1	5.3	0	8	28	92	204	76	24	4	0	0	0	0	
276:13-16	567	32.7	26.9	5.6	0	13	47	118	244	133	31	6	0	0	0	0	
276:16-19	548	32.9	27.5	5.4	0	12	54	163	312	172	178	18	0	0	0	0	
276:19-24	3735	33.4	27.8	5.5	14	61	174	732	1555	927	222	48	2	0	0	0	
276:24-26																	
08:00	03:00	03:00	03:00	03:00	07:00	08:00	08:00	08:00	08:00	08:00	07:00	05:00	07:00	05:00	05:00	00:00	
PM	31	25.6	29.6	7.4	1	4	14	55	128	103	22	6	1	0	0	0	
PM	16:00	23:00	23:00	17:00	17:00	14:00	14:00	13:00	16:00	16:00	16:00	14:00	20:00	12:00	12:00	12:00	
PM	16:00	17:00	17:00	17:00	17:00	17:00	17:00	17:00	17:00	17:00	17:00	17:00	17:00	17:00	17:00	17:00	



North Wales ATC 23, Engine Hill

Direction: Southbound

07/05/2022																
Hour Beginning	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-15	Bin 3 15-20	Bin 4 20-25	Bin 5 25-30	Bin 6 30-35	Bin 7 35-40	Bin 8 40-45	Bin 9 45-50	Bin 10 50-55	Bin 11 55-60	Bin 12 >=60
00:00	8	29.8	32.5	7.1	0	0	0	0	0	0	2	1	0	0	0	0
01:00	11	34.6	29.8	4.7	0	0	0	2	3	5	1	0	0	0	0	0
02:00	10	32.4	4.7	0	0	1	1	5	1	42	0	0	0	0	0	0
03:00	12	31.0	26.7	4.2	0	0	0	5	4	3	0	0	0	0	0	0
04:00	4	33.7	28.8	4.8	0	0	0	1	1	2	0	0	0	0	0	0
05:00	25	35.9	30.5	5.2	0	0	0	2	12	7	2	0	0	0	0	0
06:00	15	38.6	31.2	7.2	0	1	0	1	3	6	3	1	0	0	0	0
07:00	15	39.6	32.5	6.9	0	0	0	0	2	13	10	7	1	0	0	0
08:00	55	39.4	31.9	7.2	1	0	1	5	11	23	9	4	0	0	1	0
09:00	76	36.9	29.7	7.0	2	0	3	10	22	26	10	2	0	0	0	0
10:00	64	35.2	29.6	5.4	0	0	2	7	26	24	3	1	0	1	0	0
11:00	77	35.3	29.6	5.6	1	0	1	10	31	21	12	1	0	0	0	0
12:00	200	37.3	30.3	6.8	0	3	4	7	34	36	9	3	4	0	0	0
13:00	120	35.9	29.8	5.9	1	1	2	17	40	41	14	3	1	0	0	0
14:00	114	35.4	28.3	6.9	0	4	9	15	43	32	6	2	1	0	0	0
15:00	95	34.4	28.8	5.4	0	2	3	10	47	20	12	1	0	0	0	0
16:00	90	36.4	29.8	6.6	0	1	4	12	33	27	9	2	1	0	1	0
17:00	86	31.3	31.1	6.0	0	2	1	7	32	30	18	6	0	0	0	0
18:00	45	36.1	30.1	5.8	0	1	1	6	12	16	9	0	0	0	0	0
19:00	31	35.5	30.4	5.0	0	0	0	5	8	14	3	1	0	0	0	0
20:00	28	37.5	32.0	5.3	0	0	0	1	11	8	7	0	1	0	0	0
21:00	24	36.1	31.3	4.7	0	0	0	1	9	11	1	2	0	0	0	0
22:00	20	37.6	31.8	5.7	0	0	0	3	4	7	5	1	0	0	0	0
23:00	9	35.5	30.3	5.1	0	0	0	1	4	2	2	0	0	0	0	0
Total																
2016-10-12	141	35.3	29.6	5.5	1	0	3	17	57	45	15	2	0	1	0	0
2016-14-16	209	35.0	28.5	6.3	0	6	12	25	90	52	18	3	2	1	0	0
12H07-10	367	36.4	29.9	6.3	5	14	31	108	344	306	138	25	10	4	2	0
24H00-24	1164	36.4	30.0	6.2	5	15	32	131	412	376	143	32	12	4	2	0
AM Peak	11:00	00:00	00:00	08:00	09:00	06:00	09:00	09:00	11:00	09:00	11:00	08:00	09:00	07:00	08:00	00:00
	77	38.8	32.5	7.2	2	1	3	10	31	26	12	4	2	2	1	0
PM Peak	13:00	22:00	20:00	14:00	13:00	14:00	14:00	13:00	15:00	13:00	17:00	17:00	12:00	14:00	16:00	12:00
	120	37.6	32.0	6.9	1	4	9	17	47	41	18	6	4	1	1	0

360 TSL Ltd

Direction: Northbound

07/05/2022																
Hour Beginning	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-15	Bin 3 15-20	Bin 4 20-25	Bin 5 25-30	Bin 6 30-35	Bin 7 35-40	Bin 8 40-45	Bin 9 45-50	Bin 10 50-55	Bin 11 55-60	Bin 12 >=60
00:00	8	33.3	30.6	2.6	0	0	0	0	3	5	0	0	0	0	0	0
01:00	5	36.2	32.5	3.5	0	0	0	0	0	3	1	0	0	0	0	0
02:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
04:00	8	37.9	31.3	6.4	0	0	0	1	3	2	1	1	0	0	0	0
05:00	35	30.4	26.5	3.8	0	0	1	10	20	3	1	0	0	0	0	0
06:00	19	38.0	31.7	6.1	0	0	0	2	7	4	4	2	0	0	0	0
07:00	31	36.3	32.0	4.2	0	0	0	2	6	16	7	0	0	0	0	0
08:00	70	35.8	30.1	5.4	0	1	13	22	26	6	4	0	0	0	0	0
09:00	66	34.6	29.5	5.0	0	0	0	11	28	19	7	0	1	0	0	0
10:00	97	33.6	29.1	4.3	0	0	0	15	44	29	6	0	0	0	0	0
11:00	89	32.4	28.0	4.3	0	0	1	20	41	24	2	1	0	0	0	0
12:00	70	34.5	28.6	5.7	0	2	1	13	26	20	7	1	0	0	0	0
13:00	79	32.7	27.3	5.2	0	1	6	15	35	17	5	0	0	0	0	0
14:00	64	35.5	30.4	4.9	0	0	0	11	17	24	12	0	0	0	0	0
15:00	50	33.6	27.8	5.7	0	5	12	27	10	4	2	0	0	0	0	0
16:00	65	35.8	29.4	6.2	0	1	3	8	25	18	6	4	0	0	0	0
17:00	75	35.2	30.3	5.0	0	0	0	12	27	24	10	2	0	0	0	0
18:00	52	35.5	30.3	5.0	0	1	5	18	13	7	3	0	0	0	0	0
19:00	42	34.2	29.8	4.3	0	0	1	3	18	16	4	0	0	0	0	0
20:00	22	35.5	29.5	5.7	0	1	5	3	10	1	0	0	0	0	0	0
21:00	11	35.1	29.8	5.2	0	0	1	0	4	5	1	0	0	0	0	0
22:00	9	33.0	30.3	2.6	0	0	0	0	4	5	0	0	0	0	0	0
23:00	3	43.1	29.2	11.5	0	0	0	2	0	0	0	1	0	0	0	0
Total																
2016-10-12	186	33.0	28.6	4.3	0	0	1	35	85	53	11	1	0	0	0	0
2016-14-16	123	34.8	29.1	5.5	0	0	5	23	44	34	16	2	0	0	0	0
12H07-10	817	34.6	29.2	5.2	0	4	18	134	336	250	77	17	1	0	0	0
24H00-24	979	34.6	29.2	5.2	0	4	22	157	379	303	92	21	1	0	0	0
AM Peak	10:00	05:00	01:00	04:00	00:00	00:00	05:00	11:00	10:00	10:00	10:00	08:00	09:00	00:00	00:00	00:00
	97	38.0	32.5	6.4	0	0	1	20	49	29	9	4	1	0	0	0
PM Peak	13:00	23:00	14:00	23:00	13:00	13:00	13:00	13:00	14:00	14:00	16:00	12:00	12:00	12:00	12:00	12:00
	79	43.1	30.4	11.5	0	2	6	15	35	24	12	4	0	0	0	0

360 TSL Ltd

Direction: Total Flow

Hour	Total Vol	ESD %	Mean Ave	Standard Dev	Bin 1 <10mph	Bin 2 10-15	Bin 3 15-20	Bin 4 20-25	Bin 5 25-30	Bin 6 30-35	Bin 7 35-40	Bin 8 40-45	Bin 9 45-50	Bin 10 50-55	Bin 11 55-60	Bin 12 >=60
00:00	16	37.0	31.6	5.2	0	0	0	0	7	7	1	0	1	0	0	0
01:00	16	35.2	30.6	4.4	0	0	0	2	4	8	2	0	0	0	0	0
02:00	10	32.4	27.5	4.7	0	0	0	1	5	3	0	0	0	0	0	0
03:00	12	31.0	26.7	4.2	0	0	0	5	4	3	0	0	0	0	0	0
04:00	12	36.5	30.4	5.8	0	0	0	2	4	1	1	1	0	0	0	0
05:00	60	33.2	28.2	4.8	0	0	1	12	32	10	3	2	0	0	0	0
06:00	34	38.2	31.5	6.5	0	1	0	3	10	10	7	1	0	0	0	0
07:00	66	38.2	32.3	5.7	0	0	0	4	19	26	14	1	0	2	0	0
08:00	125	37.5	30.9	6.3	1	0	2	16	33	49	15	8	0	0	1	0
09:00	142	35.9	29.6	6.1	2	0	3	21	50	45	17	1	3	0	0	0
10:00	161	34.2	29.3	4.7	0	0	2	22	70	53	12	1	0	1	0	0
11:00	166	33.9	28.7	5.0	1	0	2	30	72	45	14	2	0	0	0	0
12:00	170	36.2	29.6	6.4	0	5	5	20	60	56	16	4	4	0	0	0
13:00	199	34.7	28.8	5.7	1	2	8	32	75	54	19	3	1	0	0	0
14:00	178	35.6	29.0	6.3	0	4	9	26	60	56	18	2	1	0	0	0
15:00	154	34.1	28.4	5.5	0	2	8	21	74	30	16	3	0	0	0	0
16:00	155	36.2	29.5	6.4	0	2	7	20	58	45	15	6	1	0	0	0
17:00	171	36.4	30.6	5.6	0	2	1	19	59	54	28	8	0	0	0	0
18:00	97	34.3	30.2	5.4	0	1	2	11	30	39	11	3	0	0	0	0
19:00	73	34.8	30.0	4.6	0	0	1	8	26	30	7	1	0	0	0	0
20:00	50	36.7	30.9	5.6	0	0	1	6	14	18	10	0	1	0	0	0
21:00	35	33.8	30.8	4.8	0	0	1	1	13	16	7	2	0	0	0	0
22:00	29	36.4	31.3	4.9	0	0	0	3	8	12	5	1	0	0	0	0
23:00	12	35.8	30.0	6.6	0	0	0	3	4	7	2	1	0	0	0	0
Total	327	34.1	29.0	4.8	1	0	4	52	142	98	26	3	0	1	0	0
2PM-3:15	327	34.9	28.8	4.0	6	17	47	134	86	5	2	1	0	0	0	0
3:15-4:30	244	35.5	29.6	5.8	5	18	49	242	60	19	41	11	4	0	0	0
4:30-5:45	244	35.5	29.6	5.7	5	19	54	288	79	67	23	5	13	4	2	0
Hour	11:00	05:00	07:00													
160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160
End	11:00	23:00	22:00	11:00	12:00	14:00	13:00	13:00	13:00	13:00	13:00	13:00	13:00	14:00	16:00	12:00
End	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160	160



North Wales ATC Z3, Engine Hill

Direction: Southbound

08/05/2022																
Hour Beginning	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-15	Bin 3 15-20	Bin 4 20-25	Bin 5 25-30	Bin 6 30-35	Bin 7 35-40	Bin 8 40-45	Bin 9 45-50	Bin 10 50-55	Bin 11 55-60	Bin 12 >=60
00:00	8	39.3	32.5	6.5	0	0	0	0	2	6	2	0	0	0	0	0
01:00	15	33.8	29.5	4.1	0	0	0	2	6	6	1	0	0	0	0	0
02:00	8	34.4	28.1	6.2	0	0	0	3	6	1	0	2	0	0	0	0
03:00	21	34.9	29.2	5.6	0	0	1	2	11	4	2	1	0	0	0	0
04:00	6	30.8	27.5	3.2	0	0	0	1	4	1	0	0	0	0	0	0
05:00	15	34.8	30.5	4.1	0	0	0	0	6	3	1	0	0	0	0	0
06:00	20	36.7	32.8	3.8	0	0	0	0	5	9	6	0	0	0	0	0
07:00	29	36.6	31.3	5.1	0	0	0	0	6	13	8	2	0	0	0	0
08:00	31	35.7	29.3	6.2	1	0	0	3	14	10	1	2	0	0	0	0
09:00	46	35.4	28.8	2	0	1	6	13	20	4	0	0	0	0	0	0
10:00	56	35.0	29.7	5.0	0	0	0	9	23	16	6	2	0	0	0	0
11:00	92	33.8	27.5	6.1	1	2	4	26	25	25	9	0	0	0	0	0
12:00	91	34.0	28.1	5.8	1	1	2	18	39	21	6	1	1	0	0	0
13:00	88	33.4	28.4	4.9	0	0	3	18	36	23	8	0	0	0	0	0
14:00	87	33.3	27.8	5.3	0	2	3	17	37	21	7	0	0	0	0	0
15:00	92	34.1	28.4	5.5	0	0	3	20	38	23	6	1	0	1	0	0
16:00	92	33.5	27.8	5.5	0	1	7	18	34	27	7	0	0	0	0	0
17:00	87	35.0	29.3	5.5	0	1	2	15	29	27	12	1	0	0	0	0
18:00	37	35.7	29.8	5.7	0	1	0	5	12	15	2	2	0	0	0	0
19:00	33	36.5	31.4	4.5	0	0	0	5	7	18	4	1	0	0	0	0
20:00	35	37.6	31.5	5.9	0	0	0	4	10	13	7	0	0	1	0	0
21:00	11	34.1	28.9	5.0	0	0	1	3	8	7	2	0	0	0	0	0
22:00	7	41.2	34.6	6.4	0	0	0	0	1	4	1	0	1	0	0	0
23:00	4	35.2	33.3	4.8	0	0	0	0	2	1	1	0	0	0	0	0
Total																
201614-121	148	34.3	28.3	5.8	1	2	4	35	48	41	15	2	0	0	0	0
201614-110	179	33.7	28.1	5.4	0	2	6	37	75	44	13	1	0	1	0	0
12047-110	343	28.3	5.6	5	8	25	159	306	241	71	11	1	1	0	0	0
24003-240	8031	34.7	29.0	5.6	5	8	27	178	374	309	102	34	2	2	0	0
AM Peak	11:00	00:00	06:00	06:00	09:00	11:00	11:00	11:00	11:00	11:00	11:00	07:00	00:00	00:00	00:00	00:00
	92	33.3	32.8	6.5	2	2	4	26	25	25	9	2	0	0	0	0
PM Peak	15:00	22:00	22:00	22:00	12:00	14:00	16:00	15:00	12:00	16:00	17:00	18:00	12:00	15:00	12:00	12:00
	92	43.2	34.6	6.4	1	2	7	20	35	27	12	2	1	1	0	0

360 TSL Ltd

Direction: Northbound

08/05/2022																
Hour Beginning	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-15	Bin 3 15-20	Bin 4 20-25	Bin 5 25-30	Bin 6 30-35	Bin 7 35-40	Bin 8 40-45	Bin 9 45-50	Bin 10 50-55	Bin 11 55-60	Bin 12 >=60
00:00	4	27.5	27.5	0.0	0	0	0	0	4	0	0	0	0	0	0	0
01:00	2	28.7	25.0	3.5	0	0	0	1	0	0	0	0	0	0	0	0
02:00	2	27.5	27.5	0.0	0	0	0	0	2	0	0	0	0	0	0	0
03:00	6	33.4	29.2	4.1	0	0	0	0	5	0	1	0	0	0	0	0
04:00	19	32.9	28.0	4.7	0	0	1	2	12	2	2	0	0	0	0	0
05:00	22	34.8	29.8	4.8	0	0	0	3	9	8	1	0	0	0	0	0
06:00	16	38.1	31.9	6.0	0	0	0	2	4	6	2	2	0	0	0	0
07:00	32	36.8	31.4	5.2	0	0	0	2	12	12	3	3	0	0	0	0
08:00	40	35.7	30.4	5.2	0	0	2	3	12	16	7	0	0	0	0	0
09:00	61	34.4	29.8	4.4	0	1	0	4	27	23	6	0	0	0	0	0
10:00	88	34.8	29.0	5.5	0	0	6	12	32	26	11	1	0	0	0	0
11:00	87	33.4	28.4	4.9	0	0	2	18	39	21	5	2	0	0	0	0
12:00	90	32.8	28.4	4.2	0	0	1	16	45	26	3	1	0	0	0	0
13:00	76	31.8	27.4	4.2	0	0	2	17	41	12	4	0	0	0	0	0
14:00	67	32.8	27.9	4.8	0	1	2	14	26	22	2	0	0	0	0	0
15:00	75	33.7	27.6	5.9	0	2	3	18	29	16	5	2	0	0	0	0
16:00	59	34.1	29.4	4.5	0	0	0	7	30	15	6	1	0	0	0	0
17:00	71	32.3	28.0	4.2	0	0	3	12	31	25	0	0	0	0	0	0
18:00	53	33.3	27.6	5.5	0	0	2	16	21	9	2	0	0	0	0	0
19:00	18	35.1	28.6	6.3	0	2	2	3	14	14	2	1	0	0	0	0
20:00	19	34.4	30.4	3.8	0	0	0	0	11	5	0	0	0	0	0	0
21:00	23	35.7	30.1	5.4	0	0	1	2	8	9	2	1	0	0	0	0
22:00	5	40.8	31.5	8.9	0	0	0	0	1	1	1	1	0	0	0	0
23:00	3	28.8	25.8	2.9	0	0	0	1	2	0	0	0	0	0	0	0
Total																
201610-121	175	34.1	28.7	5.2	0	0	8	30	71	47	16	1	0	0	0	0
201614-110	142	33.3	27.7	6.4	0	3	5	32	55	38	7	2	0	0	0	0
12047-110	799	33.7	28.6	4.9	0	4	23	139	343	223	55	12	0	0	0	0
24003-240	958	33.9	28.7	5.0	0	6	27	155	415	248	69	18	0	0	0	0
AM Peak	10:00	06:00	06:00	06:00	00:00	09:00	10:00	11:00	11:00	10:00	10:00	07:00	00:00	00:00	00:00	00:00
	88	34.1	31.9	6.0	0	1	6	18	39	26	11	3	0	0	0	0
PM Peak	12:00	22:00	22:00	22:00	12:00	15:00	15:00	15:00	12:00	16:00	16:00	12:00	12:00	12:00	12:00	12:00
	90	40.8	32.5	8.9	0	2	3	18	45	26	6	2	0	0	0	0

360 TSL Ltd

Direction: Total Flow

Hour Beginning	Total Volume	ESD Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-15	Bin 3 15-20	Bin 4 20-25	Bin 5 25-30	Bin 6 30-35	Bin 7 35-40	Bin 8 40-45	Bin 9 45-50	Bin 10 50-55	Bin 11 55-60	Bin 12 >=60
00:00	12	36.8	30.8	5.8	0	0	0	1	6	2	2	1	0	0	0	0
01:00	17	33.4	29.0	4.2	0	0	0	3	7	6	1	0	0	0	0	0
02:00	10	33.7	28.0	5.5	0	0	0	3	5	3	0	0	0	0	0	0
03:00	27	34.5	29.2	5.2	0	0	1	2	16	4	3	1	0	0	0	0
04:00	25	32.4	27.9	4.3	0	0	1	3	16	1	2	0	0	0	0	0
05:00	37	34.7	30.1	4.5	0	0	0	3	18	11	4	1	0	0	0	0
06:00	36	37.4	32.4	4.9	0	0	0	2	19	15	8	2	0	0	0	0
07:00	61	36.7	31.4	5.1	0	0	0	5	30	25	6	5	0	0	0	0
08:00	71	35.7	29.9	5.6	1	0	2	6	26	26	8	2	0	0	0	0
09:00	207	34.9	29.4	5.3	2	1	1	10	40	31	10	0	0	0	0	0
10:00	144	34.8	29.3	5.3	0	0	6	21	55	42	17	3	0	0	0	0
11:00	179	32.7	27.9	5.6	1	2	6	44	64	46	14	2	0	0	0	0
12:00	181	33.5	28.2	5.1	1	1	3	35	82	47	9	2	1	0	0	0
13:00	184	32.7	27.9	4.6	0	0	5	35	77	35	12	0	0	0	0	0
14:00	154	33.1	27.9	5.1	0	3	5	31	63	43	9	0	0	0	0	0
15:00	167	33.9	28.1	5.7	0	2	6	38	67	39	11	3	0	1	0	0
16:00	151	33.8	28.5	5.2	0	1	7	25	62	42	13	1	0	0	0	0
17:00	158	33.9	28.7	5.0	0	1	5	27	60	52	12	1	0	0	0	0
18:00	90	34.4	28.5	5.7	0	1	2	21	31	23	5	4	0	0	0	0
19:00	71	35.8	29.9	5.7	0	2	2	4	21	12	6	2	0	0	0	0
20:00	54	36.6	31.1	5.3	0	0	0	4	21	18	10	0	1	0	0	0
21:00	44	34.9	29.5	5.2	0	0	2	5	16	16	4	1	0	0	0	0
22:00	12	40.9	33.3	7.3	0	0	0	2	1	5	2	1	1	0	0	0
23:00	7	33.5	29.8	4.8	0	0	0	1	4	1	1	0	0	0	0	0
Total	323	34.2	28.5	5.5	1	2	12	65	119	88	31	2	2	2	0	0
2PM Peak	321	33.5	28.0	5.4	0	5	11	49	130	82	20	3	0	0	0	0
4PM Peak	342	34.6	31.3	5.1	1	12	48	208	148	108	23	1	1	1	0	0
4PM Peak	2979	34.4	28.8	5.3	5	14	54	333	769	547	171	32	2	2	0	0
00:00	1719	37.4	32.4	5.8	00:00	2	4	6	64	66	57	5	0	0	0	0
PM Peak	1200	22.00	22.00	22.00	12:00	2	2	6	42	44	36	17	5	0	0	0
00:00	12	22.00	22.00	22.00	12:00	12	12	12	12	12	12	12	12	12	12	12



North Wales ATC 23, Engine Hill

Direction: Southbound

[illegible]

360 TSL Ltd

Direction: Northbound

Year	Total	25th	Mean	Standard	Decade																
Beginning					1810	1820	1830	1840	1850	1860	1870	1880	1890	1900	1910	1920	1930	1940	1950	1960	1970
0000	1	1818	158	2.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0100	2	187	150	3.5	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0200	1	188	158	5.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0300	1		225	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
0400	21	349	284	6.1	1	0	0	0	2	11	5	1	3	1	0	0	0	0	0	0	0
0500	2	322	272	4.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0600	65	362	312	4.9	0	0	0	0	0	19	29	9	3	1	0	0	0	0	0	0	0
0700	1	364	324	5.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0800	162	323	273	4.8	1	2	1	36	71	43	4	1	0	0	0	0	0	0	0	0	0
0900	111	323	263	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1000	88	313	265	4.7	0	2	1	32	34	18	2	0	0	0	0	0	0	0	0	0	0
1100	77	287	240	4.1	0	3	1	2	40	26	6	0	0	0	0	0	0	0	0	0	0
1200	103	312	264	4.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1300	117	312	260	5.0	3	1	1	5	31	58	18	1	0	0	0	0	0	0	0	0	0
1400	105	304	257	4.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1500	111	316	271	4.3	0	0	0	4	35	66	19	4	1	0	0	0	0	0	0	0	0
1600	112	312	263	4.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1700	114	321	274	4.6	1	0	0	6	31	79	32	4	1	0	0	0	0	0	0	0	0
1800	35	333	283	5.1	0	0	0	1	18	11	22	5	1	0	0	0	0	0	0	0	0
1900	26	342	287	5.3	0	0	0	2	11	1	1	1	0	0	0	0	0	0	0	0	0
2000	16	343	278	6.2	0	1	0	3	7	3	0	0	0	0	0	0	0	0	0	0	0
2100	6	317	279		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2200	41	302	249	3.2	0	0	0	0	11	24	6	0	0	0	0	0	0	0	0	0	0
2300	11	304	265	3.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total																					
2010-10	166	302	2		0	5	3	72	60	24	2	0	0	0	0	0	0	0	0	0	0
2010-11	296	310	263	4.5	0	2	1	17	87	142	38	10	0	0	0	0	0	0	0	0	0
2010-12	1467	316	268	4.7	0	1	1	1	3	33	53	13	3	3	3	3	3	3	3	3	3
2010-24	1686	320	270	4.9	1	8	17	64	436	762	332	60	6	1	0	0	0	0	0	0	0
Avg Pk																					
1810	302	36.2	32.2	0.00	04.00	11.00	07.00	11.00	08.00	08.00	06.00	04.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00	00.00
1910	302	36.2	32.2	0.00	1	5	6	40	71	43	5	1	1	0	0	0	0	0	0	0	0
Ppk Pk																					
1810	2000	1000	1000	0.00	13.00	14.00	14.00	14.00	14.00	17.00	17.00	15.00	21.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00

360 TSL Ltd

Direction: Total Flow

Age Group	Total	2015		Mean	Standard Deviation	2016																	
		2015	2016			10/16	10/17	10/18	10/19	10/20	10/21	10/22	10/23	10/24	10/25	10/26	10/27	10/28	10/29	10/30	10/31	Nov 1	Nov 2
00:00	1	0	1	0.5	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
00:05	21	1	1	1.0	0.75	0	0	1	2	4	4	9	5	1	0	0	0	0	0	0	0	0	0
00:10	21	1	1	1.0	0.75	0	0	0	1	2	4	9	5	1	0	0	0	0	0	0	0	0	0
00:15	11	0	0	0.5	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
00:20	12	1	1	1.0	0.75	0	0	0	0	1	2	5	5	1	1	0	0	0	0	0	0	0	0
00:25	11	0	0	0.5	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
00:30	13	1	1	1.0	0.75	0	0	0	0	0	0	16	9	2	3	3	0	0	0	0	0	0	0
00:35	11	0	0	0.5	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
00:40	108	1	1	1.0	0.75	0	0	0	1	1	9	43	54	16	1	10	0	0	0	0	0	0	0
00:45	108	1	1	1.0	0.75	0	0	0	1	1	9	43	54	16	1	10	0	0	0	0	0	0	0
00:50	128	1	1	1.0	0.75	0	0	0	1	1	9	43	54	16	1	10	0	0	0	0	0	0	0
00:55	130	1	1	1.0	0.75	0	0	0	1	1	9	43	54	16	1	10	0	0	0	0	0	0	0
01:00	138	1	1	1.0	0.75	0	0	0	1	1	9	43	54	16	1	10	0	0	0	0	0	0	0
01:05	130	1	1	1.0	0.75	0	0	0	1	1	9	43	54	16	1	10	0	0	0	0	0	0	0
01:10	130	1	1	1.0	0.75	0	0	0	1	1	9	43	54	16	1	10	0	0	0	0	0	0	0
01:15	170	1	1	1.0	0.75	0	0	0	2	1	5	43	71	38	11	0	0	0	0	0	0	0	0
01:20	130	1	1	1.0	0.75	0	0	0	1	1	4	6	79	73	24	3	0	0	0	0	0	0	0
01:25	208	1	1	1.0	0.75	0	0	0	1	1	3	11	11	11	11	11	0	0	0	0	0	0	0
01:30	191	1	1	1.0	0.75	0	0	0	1	1	5	26	79	122	43	0	0	0	0	0	0	0	0
01:35	191	1	1	1.0	0.75	0	0	0	1	1	5	26	79	122	43	0	0	0	0	0	0	0	0
01:40	191	1	1	1.0	0.75	0	0	0	1	1	5	26	79	122	43	0	0	0	0	0	0	0	0
01:45	150	1	1	1.0	0.75	0	0	0	1	1	5	26	79	122	43	0	0	0	0	0	0	0	0
01:50	286	1	1	1.0	0.75	0	0	0	2	1	15	75	126	53	15	0	0	0	0	0	0	0	0
01:55	130	1	1	1.0	0.75	0	0	0	1	1	5	26	79	122	43	0	0	0	0	0	0	0	0
02:00	170	1	1	1.0	0.75	0	0	0	2	1	11	49	118	84	21	2	1	0	0	0	0	0	0
02:05	130	1	1	1.0	0.75	0	0	0	2	1	3	24	31	49	17	4	0	0	0	0	0	0	0
02:10	71	0	0	0.5	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:15	35	0	0	0.5	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:20	53	0	0	0.5	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:25	53	0	0	0.5	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:30	50	0	0	0.5	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:35	44	0	0	0.4	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:40	50	0	0	0.5	0.5	0	0	0	0	0	1	11	26	9	3	0	0	0	0	0	0	0	0
02:45	75	0	0	0.6	0.6	0	0	0	0	0	1	11	1	6	0	0	0	0	0	0	0	0	0
Total																							
2015-16	360	31.5	26.4	4.8		1	6	6	11	122	144	62	14	0	0	0	0	0	0	0	0	0	0
2016-17	630	31.8	26.1	5.5		3	15	51	179	247	98	25	0	1	0	1	0	1	0	1	0	0	0
2017-18	809	31.9	27.2	5.4		5	18	59	200	275	114	28	0	1	0	1	0	1	0	1	0	0	0
2018-19	3617	32.1	27.6	5.5		20	52	180	795	1530	827	215	28	0	0	0	0	0	0	2	2	0	0
PH Peak																							
PH Peak	08:00	328	36.2	31.5	6.2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PH Peak	14:00	20.00	20.00	20.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PH Peak	14:00	20.00	20.00	20.00	0.00	13.00	14.00	14.00	14.00	17.00	17.00	17.00	18.00	14.00	14.00	16.00	12.00	12.00	12.00	12.00	12.00	12.00	12.00

360 TSL Ltd



North Wales ATC 23, Engine Hill

Direction: Southbound

Hour Beginning	Total Volume	ECM Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-15	Bin 3 15-20	Bin 4 20-25	Bin 5 25-30	Bin 6 30-35	Bin 7 35-40	Bin 8 40-45	Bin 9 45-50	Bin 10 50-55	Bin 11 55-60	Bin 12 >=60
00:00	2	28.7	25.8	5.5	0	0	0	0	0	0	0	0	0	0	0	0
01:00	10	30.6	26.5	5.9	0	0	0	4	2	0	0	0	0	0	0	0
02:00	8	31.2	24.4	6.5	0	1	1	4	1	0	0	0	0	0	0	0
03:00	14	36.3	30.7	5.4	0	0	1	0	5	3	0	0	0	0	0	0
04:00	3	32.2	29.2	2.9	0	0	0	0	2	1	0	0	0	0	0	0
05:00	87	35.1	29.6	5.7	0	1	4	8	34	28	10	1	1	0	0	0
06:00	70	35.8	30.4	5.2	0	0	0	0	6	35	17	8	3	1	0	0
07:00	152	34.1	28.2	6.7	2	2	9	18	48	62	48	10	1	0	0	0
08:00	169	35.8	28.8	6.7	4	3	11	12	59	62	14	3	0	1	0	0
09:00	104	33.6	27.6	5.8	1	1	6	23	42	29	10	0	0	0	0	0
10:00	104	33.0	26.5	6.3	2	2	11	18	47	17	6	0	1	0	0	0
11:00	100	33.3	27.8	5.4	1	0	5	23	36	28	7	0	0	0	0	0
12:00	123	33.0	27.0	5.7	0	3	11	26	48	25	10	0	0	0	0	0
13:00	170	32.2	26.4	5.6	1	2	13	51	67	27	5	4	0	0	0	0
14:00	132	31.7	25.5	5.9	1	7	12	36	46	23	5	0	0	0	0	0
15:00	135	33.9	27.2	6.5	0	6	11	26	51	30	7	3	1	0	0	0
16:00	145	33.9	28.6	7.0	3	10	11	39	38	30	5	4	0	0	0	0
17:00	169	35.9	26.4	6.3	1	4	4	24	57	56	17	4	1	1	0	0
18:00	77	36.7	29.5	6.9	2	1	3	8	26	23	10	4	0	0	0	0
19:00	58	34.9	29.5	5.3	1	0	1	6	21	23	6	0	0	0	0	0
20:00	34	37.1	31.6	5.3	0	1	0	2	6	17	8	0	0	0	0	0
21:00	58	37.5	30.1	7.1	1	0	2	7	24	9	10	4	1	0	0	0
22:00	20	34.2	27.5	6.5	0	0	4	2	6	6	2	0	0	0	0	0
23:00	8	37.2	29.4	7.5	0	0	1	1	3	0	3	0	0	0	0	0
Total																
2H(16-12)	204	33.2	27.1	5.9	3	2	16	41	83	45	13	0	1	0	0	0
2H(14-16)	267	32.8	26.4	6.3	1	13	23	62	99	53	12	3	1	0	0	0
12H(7-19)	1580	34.0	27.5	6.3	18	41	207	298	601	394	106	24	3	2	0	0
24H(0-24)	3952	34.4	27.9	6.3	20	44	221	322	746	503	156	32	6	2	0	0
AM Peak	08:00	03:00	03:00	08:00	08:00	08:00	09:00	07:00	08:00	08:00	06:00	05:00	08:00	00:00	00:00	00:00
	169	36.3	30.7	6.7	4	3	11	23	62	62	14	3	1	1	0	0
PM Peak	13:00	21:00	20:00	23:00	16:00	16:00	13:00	13:00	13:00	17:00	17:00	13:00	15:00	17:00	12:00	12:00
	170	32.5	31.6	7.5	3	10	13	51	67	56	17	4	1	1	0	0

360 TSL Ltd

Direction: Northbound

Hour Beginning	Total Volume	ECM Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-15	Bin 3 15-20	Bin 4 20-25	Bin 5 25-30	Bin 6 30-35	Bin 7 35-40	Bin 8 40-45	Bin 9 45-50	Bin 10 50-55	Bin 11 55-60	Bin 12 >=60
00:00	2	33.7	30.0	3.5	0	0	0	0	1	1	0	0	0	0	0	0
01:00	5	32.2	26.5	5.5	0	0	1	0	0	0	0	0	0	0	0	0
02:00	3	28.8	25.8	2.9	0	0	0	1	2	0	0	0	0	0	0	0
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	26	33.6	28.1	5.4	0	0	1	4	15	5	0	0	1	0	0	0
05:00	26	30.3	29.2	4.9	0	1	3	6	13	3	0	0	0	0	0	0
06:00	76	34.0	28.8	5.0	0	1	0	14	33	20	7	1	0	0	0	0
07:00	101	35.1	29.9	5.1	0	2	0	9	42	35	12	0	1	0	0	0
08:00	183	33.5	27.2	5.1	1	2	12	19	35	81	6	7	0	0	0	0
09:00	105	32.6	27.6	4.8	0	1	2	27	45	23	7	0	0	0	0	0
10:00	99	31.5	26.4	4.9	2	0	4	25	51	14	3	0	0	0	0	0
11:00	80	33.5	27.4	5.9	0	1	4	20	36	14	2	2	0	1	0	0
12:00	104	31.7	26.3	5.1	0	1	11	26	43	19	4	0	0	0	0	0
13:00	111	32.5	27.4	4.9	1	1	1	26	55	23	1	0	1	0	0	0
14:00	164	31.0	27.1	3.7	0	0	5	34	96	26	3	0	0	0	0	0
15:00	134	34.2	28.9	5.1	0	1	5	23	54	40	10	0	0	0	0	0
16:00	161	32.9	28.2	4.5	1	0	0	33	81	34	11	1	0	0	0	0
17:00	161	33.2	28.5	4.7	0	0	2	35	72	41	8	1	0	0	0	0
18:00	58	33.6	29.6	3.9	0	0	0	5	28	22	1	1	0	0	0	0
19:00	40	37.0	29.5	7.2	0	0	3	9	12	4	9	3	0	0	0	0
20:00	13	35.4	31.0	4.3	0	0	0	0	4	0	0	0	0	0	0	0
21:00	41	32.4	27.3	5.0	0	0	2	8	25	4	1	0	1	0	0	0
22:00	44	33.2	27.8	5.3	0	1	1	9	19	12	1	1	0	0	0	0
23:00	2	33.7	30.0	3.5	0	0	0	0	1	1	0	0	0	0	0	0
Total																
2H(16-12)	179	32.4	26.9	5.4	2	1	8	45	87	28	5	2	0	1	0	0
2H(14-16)	288	32.6	27.9	4.5	0	1	8	57	130	66	13	3	0	0	0	0
12H(7-19)	1461	32.9	27.8	4.9	5	9	44	298	684	336	72	10	2	1	0	0
24H(0-24)	1739	33.0	27.9	5.0	5	12	55	350	812	393	92	16	4	1	0	0
AM Peak	08:00	07:00	00:00	11:00	10:00	07:00	08:00	08:00	08:00	08:00	07:00	11:00	04:00	11:00	00:00	00:00
	183	35.1	30.8	5.9	2	2	12	39	81	49	14	2	1	1	0	0
PM Peak	14:00	19:00	20:00	20:00	13:00	13:00	13:00	17:00	14:00	17:00	16:00	13:00	12:00	12:00	12:00	12:00
	164	32.0	32.0	7.2	1	1	11	35	95	41	11	4	1	0	0	0

360 TSL Ltd

Direction: Total Flow																
Hour	Total Volume	ECM	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-15	Bin 3 15-20	Bin 4 20-25	Bin 5 25-30	Bin 6 30-35	Bin 7 35-40	Bin 8 40-45	Bin 9 45-50	Bin 10 50-55	Bin 11 55-60	Bin 12 >=60
00:00	4	31.7	27.5	4.1	0	0	0	1	2	1	0	0	0	0	0	0
01:00	15	31.0	26.5	4.3	0	0	1	4	7	3	0	0	0	0	0	0
02:00	11	30.6	24.8	5.6	0	1	1	1	2	6	1	0	0	0	0	0
03:00	14	36.3	30.7	5.4	0	0	0	1	0	5	5	3	0	0	0	0
04:00	29	33.5	28.2	5.1	0	0	1	4	17	6	0	1	0	0	0	0
05:00	113	34.6	28.6	5.8	0	2	7	14	47	31	10	1	1	0	0	0
06:00	146	34.9	29.6	5.1	0	1	0	26	84	37	16	4	0	0	0	0
07:00	233	34.6	28.9	5.5	2	4	9	27	104	83	22	1	1	0	0	0
08:00	352	34.2	28.0	6.0	5	5	23	47	140	107	21	3	0	1	0	0
09:00	209	33.1	27.6	5.3	1	2	8	56	87	33	17	1	0	0	0	0
10:00	203	32.3	26.5	5.6	4	2	15	43	98	31	9	0	1	0	0	0
11:00	180	32.4	27.6	5.6	1	1	9	45	72	42	0	2	0	0	0	0
12:00	227	32.4	26.7	5.5	0	4	22	52	91	44	14	0	0	0	0	0
13:00	281	32.3	26.8	5.5	2	3	14	77	122	50	8	4	0	0	0	0
14:00	296	31.5	26.4	4.9	1	7	17	70	144	49	8	0	0	0	0	0
15:00	269	34.1	28.0	5.9	0	7	14	49	105	70	17	6	1	0	0	0
16:00	306	33.6	27.4	5.9	4	10	11	52	139	69	16	5	0	0	0	0
17:00	330	34.7	28.9	5.6	1	4	6	59	129	97	25	7	1	1	0	0
18:00	155	35.5	29.5	5.8	2	1	3	13	43	45	12	5	0	0	0	0
19:00	98	35.8	29.5	6.1	1	0	4	15	33	27	15	3	0	0	0	0
20:00	47	36.6	31.4	5.0	0	1	0	3	10	23	10	0	0	0	0	0
21:00	99	35.6	28.9	6.5	1	0	4	15	11	4	2	0	0	0	0	0
22:00	64	33.5	27.7	5.6	0	1	5	11	25	18	3	1	0	0	0	0
23:00	10	36.5	29.5	6.7	0	0	1	1	4	1	1	0	0	0	0	0
Total																
2H(16-12)	383	32.8	27.0	5.6	5	3	24	86	170	73	18	2	1	1	0	0
2H(14-16)	565	32.8	27.2	5.5	1	14	31	139	249	139	25	6	1	0	0	0
12H(7-19)	3041	33.5	27.7	5.7		23	60	315	582	320	78	34	5	1	0	0
24H(0-23)	3691	33.8	27.9	5.7	25	56	176	672	1558	896	248	47	30	3	0	0
Avg Peak	08:00	63.00	63.00	63.00	08:00	08:00	08:00	08:00	08:00	08:00	07:00	06:00	04:00	08:00	08:00	00:00
	17:00	50.00	50.00	50.00	16:00	16:00	13:00	13:00	14:00	17:00	17:00	17:00	21:00	17:00	13:00	12:00
PM Peak	18:00	36.5	36.5	6.7	4	22	77	144	97	25	7	1	1	0	0	0



North Wales ATC Z3, Engine Hill

Direction: Southbound

11/05/2022

Hour	Total Volume	ECN Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-15	Bin 3 15-20	Bin 4 20-25	Bin 5 25-30	Bin 6 30-35	Bin 7 35-40	Bin 8 40-45	Bin 9 45-50	Bin 10 50-55	Bin 11 55-60	Bin 12 >=60
00:00	3	37.7	32.5	5.0	0	0	0	0	0	1	1	0	0	0	0	0
01:00	8	29.9	26.3	3.5	0	0	0	3	4	1	0	0	0	0	0	0
02:00	8	29.8	25.0	4.6	0	0	0	4	0	1	0	0	0	0	0	0
03:00	13	33.3	27.9	5.2	0	0	1	3	3	6	0	0	0	0	0	0
04:00	7	36.7	28.9	7.5	0	0	1	1	2	3	2	0	0	0	0	0
05:00	83	33.2	28.6	4.4	0	0	0	4	9	38	30	1	1	0	0	0
06:00	68	34.4	29.6	4.6	0	0	2	5	31	23	6	1	0	0	0	0
07:00	151	33.0	27.9	4.9	0	2	6	28	63	45	7	0	0	0	0	0
08:00	171	34.7	29.1	5.3	0	3	5	20	70	54	16	3	0	0	0	0
09:00	118	34.4	27.8	6.5	2	2	2	23	46	30	4	1	0	0	0	0
10:00	100	33.2	27.0	5.9	2	1	6	22	42	21	4	2	0	0	0	0
11:00	101	32.2	26.5	5.5	0	2	9	29	43	16	5	1	0	0	0	0
12:00	113	32.8	27.5	5.1	0	0	7	28	43	27	6	1	0	0	0	0
13:00	166	33.3	27.2	5.8	1	4	7	36	77	32	5	2	1	1	0	0
14:00	155	33.5	27.7	5.6	0	2	9	31	44	39	9	1	0	0	0	0
15:00	154	35.4	28.5	6.6	0	4	11	22	57	40	16	1	2	1	0	0
16:00	173	33.8	28.1	5.4	0	4	9	25	75	48	13	1	0	0	0	0
17:00	174	35.8	28.9	6.6	3	5	7	18	63	52	22	3	1	0	0	0
18:00	76	35.8	30.0	5.6	0	0	2	13	20	31	6	4	0	0	0	0
19:00	58	35.8	28.5	7.0	0	0	8	9	17	15	6	2	1	0	0	0
20:00	50	37.3	30.5	6.5	1	0	0	7	14	19	7	0	2	0	0	0
21:00	58	36.6	30.4	6.0	0	0	1	9	19	16	12	0	0	1	0	0
22:00	13	37.5	32.1	5.2	0	0	0	1	3	6	2	1	0	0	0	0
23:00	10	33.5	29.5	3.5	0	0	0	1	4	5	0	0	0	0	0	0
Total																
2H(14-16)	201	32.7	26.8	5.7	2	3	15	47	85	37	9	3	0	0	0	0
2H(14-16)	289	34.5	28.1	6.2	0	6	20	53	101	79	25	3	2	1	0	0
12H(7-19)	1632	34.1	28.1	5.8	8	29	83	293	641	486	117	20	4	2	1	0
24H(0-24)	2011	34.3	28.3	5.8	9	29	100	345	777	561	154	25	7	3	1	0
AM Peak	08:00	00:00	00:00	04:00	09:00	08:00	11:00	07:00	08:00	08:00	08:00	00:00	00:00	09:00	00:00	00:00
	171	37.7	32.5	7.5	2	3	9	28	70	54	16	3	0	0	1	0
PM Peak	17:00	22:00	22:00	19:00	17:00	17:00	15:00	13:00	13:00	17:00	17:00	18:00	15:00	13:00	12:00	12:00
	174	37.5	32.1	7.0	3	5	11	36	77	52	22	4	2	1	0	0

360 TSL Ltd

Direction: Northbound

Hour Beginning	Total Volume	ECN Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-15	Bin 3 15-20	Bin 4 20-25	Bin 5 25-30	Bin 6 30-35	Bin 7 35-40	Bin 8 40-45	Bin 9 45-50	Bin 10 50-55	Bin 11 55-60	Bin 12 >=60
00:00	3	37.7	32.5	5.0	0	0	0	0	1	3	1	0	0	0	0	0
01:00	4	33.8	31.3	2.5	0	0	0	0	0	3	0	0	0	0	0	0
02:00	3	22.5	22.5	0.0	0	0	0	0	3	0	0	0	0	0	0	0
03:00	4	26.7	22.5	4.1	0	0	1	2	1	0	0	0	0	0	0	0
04:00	17	34.4	28.1	6.1	0	1	0	2	9	4	1	0	0	0	0	0
05:00	24	28.9	24.6	4.1	0	0	2	13	9	4	1	0	0	0	0	0
06:00	90	33.4	28.9	4.3	0	0	1	15	37	31	6	0	0	0	0	0
07:00	106	34.4	29.2	5.1	0	1	4	15	35	41	10	0	0	0	0	0
08:00	172	33.3	26.7	4.4	0	0	10	45	83	29	5	0	0	0	0	0
09:00	116	32.7	27.5	5.1	1	0	2	24	68	15	5	0	0	0	1	0
10:00	99	32.6	26.6	5.7	3	1	4	24	43	20	4	0	0	0	0	0
11:00	104	31.4	25.9	5.3	0	3	10	27	45	16	2	1	0	0	0	0
12:00	180	30.1	24.8	5.1	0	9	20	58	85	16	0	2	0	0	0	0
13:00	113	31.7	27.0	4.5	0	0	4	35	47	22	5	0	0	0	0	0
14:00	137	31.9	26.1	5.6	0	0	20	37	51	21	6	2	0	0	0	0
15:00	123	34.5	28.5	4.9	0	3	13	56	39	9	2	1	0	0	0	0
16:00	176	32.4	27.7	4.6	0	0	5	44	75	45	5	2	0	0	0	0
17:00	170	33.9	28.6	5.1	0	1	7	29	64	53	16	0	0	0	0	0
18:00	59	35.7	30.5	5.1	0	0	0	10	16	12	10	1	0	0	0	0
19:00	46	34.9	28.2	6.5	0	1	5	7	14	12	7	0	0	0	0	0
20:00	26	32.9	27.7	5.0	0	0	1	7	10	6	2	0	0	0	0	0
21:00	47	33.9	27.7	6.0	0	2	1	8	24	8	3	0	1	0	0	0
22:00	17	34.1	28.3	5.7	0	0	3	6	16	6	1	1	0	0	0	0
23:00	7	36.5	25.0	10.6	0	0	1	0	0	1	0	0	0	0	0	0
Total																
2H(10-12)	203	31.9	26.2	5.5	3	4	14	51	88	36	6	1	0	0	0	0
2H(14-16)	360	33.4	27.7	5.5	0	0	23	50	107	60	15	4	1	0	0	0
12H(7-19)	1565	32.7	27.3	5.2	4	15	89	361	668	339	77	10	1	0	1	0
24H(0-24)	1668	32.8	27.4	5.3	4	19	104	423	790	413	100	12	2	0	1	0
AM Peak	08:00	00:00	00:00	04:00	10:00	11:00	08:00	08:00	08:00	07:00	07:00	04:00	00:00	00:00	09:00	00:00
	172	37.7	32.5	6.1	3	3	10	40	89	41	19	1	0	0	1	0
PM Peak	12:00	22:00	19:00	20:00	12:00	13:00	12:00	12:00	12:00	17:00	17:00	12:00	15:00	12:00	12:00	12:00
	190	36.0	30.5	10.6	0	9	20	58	85	53	16	2	1	0	0	0

360 TSL Ltd

Direction: Total Flow																
Hour Beginning	Total Volume	ECN Percentage	Mean Average	Standard Deviation	Bin 1 <10mph	Bin 2 10-15	Bin 3 15-20	Bin 4 20-25	Bin 5 25-30	Bin 6 30-35	Bin 7 35-40	Bin 8 40-45	Bin 9 45-50	Bin 10 50-55	Bin 11 55-60	Bin 12 >=60
00:00	6	37.1	32.5	4.5	0	0	0	0	2	2	2	0	0	0	0	0
01:00	12	32.0	27.9	4.0	0	0	0	3	5	4	0	0	0	0	0	0
02:00	11	28.5	24.3	4.0	0	0	0	9	0	2	0	0	0	0	0	0
03:00	17	32.2	26.6	5.4	0	0	2	5	4	6	0	0	0	0	0	0
04:00	24	34.9	28.3	6.4	0	1	1	3	1	1	1	0	0	0	0	0
05:00	107	32.5	27.7	4.7	0	0	6	21	47	30	2	1	0	0	0	0
06:00	158	33.8	29.2	4.4	0	0	3	20	68	54	12	1	0	0	0	0
07:00	237	33.6	28.4	5.0	0	3	10	43	98	86	17	0	0	0	0	0
08:00	343	33.1	27.9	5.0	0	3	15	65	151	83	21	3	0	0	0	0
09:00	234	33.7	27.7	5.8	3	2	7	47	114	65	13	1	0	0	2	0
10:00	199	32.8	26.8	5.8	5	2	10	46	85	41	8	2	0	0	0	0
11:00	205	31.8	26.2	5.4	0	5	19	52	86	32	7	0	0	0	0	0
12:00	303	31.3	25.8	5.3	0	9	27	86	128	44	6	3	0	0	0	0
13:00	279	32.7	27.1	5.3	1	4	11	73	124	54	10	2	0	0	0	0
14:00	272	32.7	26.9	5.6	0	2	20	68	95	60	15	3	0	0	0	0
15:00	277	35.0	28.9	5.9	0	4	14	35	113	79	25	3	3	1	0	0
16:00	349	33.1	27.9	5.0	0	4	14	68	148	93	18	3	0	0	0	0
17:00	344	34.9	28.8	5.9	3	6	14	47	127	105	38	3	1	0	0	0
18:00	155	35.8	30.2	5.4	0	0	2	23	36	53	16	0	0	0	0	0
19:00	104	35.3	28.4	6.7	0	1	13	16	31	27	13	2	1	0	0	0
20:00	76	35.9	29.5	6.2	0	0	1	14	24	25	9	0	2	0	0	0
21:00	105	35.6	29.2	6.1	0	2	2	17	43	24	15	0	1	1	0	0
22:00	50	35.2	29.2	5.8	0	0	3	7	19	14	5	2	0	0	0	0
23:00	12	33.8	29.8	4.8	0	0	1	1	4	4	6	5	2	0	0	0
Total																
21613:10	404	32.3	26.5	5.6	5	7	29	98	173	73	15	4	0	0	0	0
21613:15	343	32.1	27.9	5.0	0	4	43	103	208	139	40	4	0	0	0	0
21613:15	1037	31.4	27.7	5.5	12	44	27	652	1300	775	194	30	5	2	2	0
21613:20	3879	33.6	27.9	5.6	10	48	200	768	1567	974	254	37	9	3	2	0
APM Peak																
00:00	05:00	05:00	04:00	11:45	11:00	08:00	08:00	07:00	08:00	08:00	08:00	08:00	08:00	08:00	08:00	00:00
15:15	16:15	16:15	16:15	16:15	17:00	12:00	14:00	12:00	16:00	17:00	17:00	18:00	15:00	13:00	12:00	12:00
16:00	16:00	16:00	16:00	16:00	17:00	12:00	14:00	12:00	16:00	17:00	17:00	18:00	15:00	13:00	12:00	12:00
16:00	16:00	16:00	16:00	16:00	17:00	12:00	14:00	12:00	16:00	17:00	17:00	18:00	15:00	13:00	12:00	12:00
16:00	16:00	16:00	16:00	16:00	17:00	12:00	14:00	12:00	16:00	17:00	17:00	18:00	15:00	13:00	12:00	12:00



## Appendix B: 2022 MCC survey data



# North Wales, Thursday 5th May 2022

Junction: 1  
Approach: A55 Slips



TIME	Left to A547 Abergele Road (East)					Ahead to Erw Wen					Right to A547 Abergele Road (West)				
	LIGHT	HEAVY	BUS	TOTAL	PCUs	LIGHT	HEAVY	BUS	TOTAL	PCUs	LIGHT	HEAVY	BUS	TOTAL	PCUs
06:00 - 06:15	3	0	0	3	3.0	0	0	0	0	0.0	2	0	1	3	4.0
06:15 - 06:30	3	0	0	3	3.0	0	0	0	0	0.0	5	4	0	9	14.2
06:30 - 06:45	1	0	0	1	1.0	0	0	0	0	0.0	3	2	0	5	7.6
06:45 - 07:00	6	0	0	6	6.0	1	0	0	1	1.0	9	1	0	10	11.3
Hourly Total	13	0	0	13	13.0	1	0	0	1	1.0	19	7	1	27	37.1
07:00 - 07:15	3	0	0	3	3.0	0	0	0	0	0.0	8	3	0	11	14.9
07:15 - 07:30	6	1	0	7	8.3	2	0	0	2	2.0	11	2	0	13	15.6
07:30 - 07:45	4	0	0	4	4.0	2	1	0	3	4.3	19	2	0	21	23.6
07:45 - 08:00	11	1	0	12	13.3	0	0	0	0	0.0	23	3	0	26	29.9
Hourly Total	24	2	0	26	28.6	4	1	0	5	6.3	61	10	0	71	84.0
08:00 - 08:15	12	2	0	14	16.6	1	0	0	1	1.0	25	7	1	33	43.1
08:15 - 08:30	8	1	0	9	10.3	0	0	0	0	0.0	20	5	0	25	31.5
08:30 - 08:45	6	0	0	6	6.0	0	0	0	0	0.0	25	1	0	26	27.3
08:45 - 09:00	10	0	0	10	10.0	1	0	0	1	1.0	18	2	0	20	22.6
Hourly Total	36	3	0	39	42.9	2	0	0	2	2.0	88	15	1	104	124.5
09:00 - 09:15	8	0	0	8	8.0	1	0	0	1	1.0	23	2	0	25	27.6
09:15 - 09:30	11	0	0	11	11.0	1	0	0	1	1.0	16	3	0	19	22.9
09:30 - 09:45	3	0	0	3	3.0	2	0	0	2	2.0	11	6	0	17	24.8
09:45 - 10:00	6	0	0	6	6.0	0	0	0	0	0.0	16	2	0	18	20.6
Hourly Total	28	0	0	28	28.0	4	0	0	4	4.0	66	13	0	79	95.9

PCU Factors:	
LIGHT	1.0
HEAVY	2.3
BUS	2.0

TOTAL	101	5	0	106	112.5	11	1	0	12	13.3	234	45	2	281	341.5
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16:00 - 16:15	14	0	0	14	14.0	3	0	0	3	3.0	40	0	0	40	40.0
16:15 - 16:30	14	0	0	14	14.0	3	0	0	3	3.0	45	0	0	45	45.0
16:30 - 16:45	18	0	0	18	18.0	4	0	0	4	4.0	47	0	0	47	47.0
16:45 - 17:00	15	0	0	15	15.0	2	0	0	2	2.0	45	2	0	47	49.6
Hourly Total	61	0	0	61	61.0	12	0	0	12	12.0	177	2	0	179	181.6
17:00 - 17:15	23	0	0	23	23.0	7	0	0	7	7.0	53	1	0	54	55.3
17:15 - 17:30	24	0	0	24	24.0	4	0	0	4	4.0	56	0	0	56	56.0
17:30 - 17:45	19	0	0	19	19.0	5	0	0	5	5.0	52	0	0	52	52.0
17:45 - 18:00	12	0	0	12	12.0	0	0	0	0	0.0	45	1	0	46	47.3
Hourly Total	78	0	0	78	78.0	16	0	0	16	16.0	206	2	0	208	210.6
18:00 - 18:15	13	0	0	13	13.0	2	0	0	2	2.0	38	0	0	38	38.0
18:15 - 18:30	14	1	0	15	16.3	1	0	0	1	1.0	27	0	0	27	27.0
18:30 - 18:45	15	0	0	15	15.0	3	0	0	3	3.0	19	0	0	19	19.0
18:45 - 19:00	11	0	0	11	11.0	3	0	0	3	3.0	18	0	0	18	18.0
Hourly Total	53	1	0	54	55.3	9	0	0	9	9.0	102	0	0	102	102.0
19:00 - 19:15	7	0	0	7	7.0	2	0	0	2	2.0	9	0	0	9	9.0
19:15 - 19:30	6	0	0	6	6.0	1	0	0	1	1.0	19	0	0	19	19.0
19:30 - 19:45	4	0	0	4	4.0	0	0	0	0	0.0	20	0	0	20	20.0
19:45 - 20:00	3	0	0	3	3.0	1	0	0	1	1.0	11	0	0	11	11.0
Hourly Total	20	0	0	20	20.0	4	0	0	4	4.0	59	0	0	59	59.0

TOTAL	212	1	0	213	214.3	41	0	0	41	41.0	544	4	0	548	553.2
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# North Wales, Thursday 5th May 2022

Junction: 1  
Approach: A547 Abergele Road East



TIME	Left to Erw Wen					Ahead to A547 Abergele Road (West)					Right to A55 Slips				
	LIGHT	HEAVY	BUS	TOTAL	PCUs	LIGHT	HEAVY	BUS	TOTAL	PCUs	LIGHT	HEAVY	BUS	TOTAL	PCUs
06:00 - 06:15	0	0	0	0	0.0	6	0	1	7	8.0	8	0	0	8	8.0
06:15 - 06:30	1	0	0	1	1.0	9	1	1	11	13.3	9	0	0	9	9.0
06:30 - 06:45	0	0	0	0	0.0	12	0	1	13	14.0	12	0	0	12	12.0
06:45 - 07:00	0	0	0	0	0.0	14	0	1	15	16.0	14	0	0	14	14.0
Hourly Total	1	0	0	1	1.0	41	1	4	46	51.3	43	0	0	43	43.0
07:00 - 07:15	2	0	0	2	2.0	22	1	1	24	26.3	17	1	0	18	19.3
07:15 - 07:30	1	0	0	1	1.0	21	0	1	22	23.0	34	1	0	35	36.3
07:30 - 07:45	2	0	0	2	2.0	31	1	1	33	35.3	38	0	0	38	38.0
07:45 - 08:00	2	0	0	2	2.0	24	1	3	28	32.3	69	1	0	70	71.3
Hourly Total	7	0	0	7	7.0	98	3	6	107	116.9	158	3	0	161	164.9
08:00 - 08:15	0	0	0	0	0.0	31	0	2	33	35.0	75	1	1	77	79.3
08:15 - 08:30	2	0	0	2	2.0	39	2	2	43	47.6	91	1	1	93	95.3
08:30 - 08:45	2	0	0	2	2.0	25	1	1	27	29.3	79	2	1	82	85.6
08:45 - 09:00	2	0	0	2	2.0	31	0	2	33	35.0	44	2	0	46	48.6
Hourly Total	6	0	0	6	6.0	126	3	7	136	146.9	289	6	3	298	308.8
09:00 - 09:15	5	0	0	5	5.0	55	3	1	59	63.9	47	0	0	47	47.0
09:15 - 09:30	1	0	0	1	1.0	28	1	1	30	32.3	44	0	0	44	44.0
09:30 - 09:45	0	0	0	0	0.0	26	0	2	28	30.0	39	0	0	39	39.0
09:45 - 10:00	0	0	0	0	0.0	26	0	1	27	28.0	33	1	0	34	35.3
Hourly Total	6	0	0	6	6.0	135	4	5	144	154.2	163	1	0	164	165.3

PCU Factors:	
LIGHT	1.0
HEAVY	2.3
BUS	2.0

TOTAL	20	0	0	20	20.0	400	11	22	433	469.3	653	10	3	666	682.0
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16:00 - 16:15	1	0	0	1	1.0	40	0	1	41	42.0	36	0	1	37	38.0
16:15 - 16:30	1	0	0	1	1.0	41	0	2	43	45.0	37	0	1	38	39.0
16:30 - 16:45	5	0	0	5	5.0	32	0	1	33	34.0	44	3	0	47	50.9
16:45 - 17:00	2	0	0	2	2.0	23	1	1	25	27.3	34	1	0	35	36.3
Hourly Total	9	0	0	9	9.0	136	1	5	142	148.3	151	4	2	157	164.2
17:00 - 17:15	3	0	0	3	3.0	51	0	1	52	53.0	44	0	0	44	44.0
17:15 - 17:30	6	0	0	6	6.0	49	0	2	51	53.0	44	1	0	45	46.3
17:30 - 17:45	3	0	0	3	3.0	43	0	1	44	45.0	43	1	0	44	45.3
17:45 - 18:00	3	0	0	3	3.0	37	0	1	38	39.0	47	0	0	47	47.0
Hourly Total	15	0	0	15	15.0	180	0	5	185	190.0	178	2	0	180	182.6
18:00 - 18:15	2	0	0	2	2.0	28	0	2	30	32.0	45	0	0	45	45.0
18:15 - 18:30	2	0	0	2	2.0	34	0	1	35	36.0	29	0	0	29	29.0
18:30 - 18:45	4	0	0	4	4.0	25	1	0	26	27.3	33	0	0	33	33.0
18:45 - 19:00	3	0	0	3	3.0	28	0	2	30	32.0	31	0	0	31	31.0
Hourly Total	11	0	0	11	11.0	115	1	5	121	127.3	138	0	0	138	138.0
19:00 - 19:15	2	0	0	2	2.0	27	1	0	28	29.3	24	0	0	24	24.0
19:15 - 19:30	3	0	0	3	3.0	18	0	1	19	20.0	19	0	0	19	19.0
19:30 - 19:45	2	0	0	2	2.0	19	0	1	20	21.0	15	1	0	16	17.3
19:45 - 20:00	0	0	0	0	0.0	15	0	1	16	17.0	13	0	0	13	13.0
Hourly Total	7	0	0	7	7.0	79	1	3	83	87.3	71	1	0	72	73.3

TOTAL	42	0	0	42	42.0	510	3	18	531	552.9	538	7	2	547	558.1
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# North Wales, Thursday 5th May 2022

Junction: 1  
Approach: Erw Wen



TIME	Left to A547 Abergele Road (West)					Ahead to A55 Slips					Right to A547 Abergele Road (East)				
	LIGHT	HEAVY	BUS	TOTAL	PCUs	LIGHT	HEAVY	BUS	TOTAL	PCUs	LIGHT	HEAVY	BUS	TOTAL	PCUs
06:00 - 06:15	0	0	0	0	0.0	0	0	0	0	0.0	1	0	0	1	1.0
06:15 - 06:30	1	0	0	1	1.0	1	0	0	1	1.0	1	0	0	1	1.0
06:30 - 06:45	1	0	0	1	1.0	0	0	0	0	0.0	1	0	0	1	1.0
06:45 - 07:00	0	0	0	0	0.0	3	0	0	3	3.0	0	0	0	0	0.0
Hourly Total	2	0	0	2	2.0	4	0	0	4	4.0	3	0	0	3	3.0
07:00 - 07:15	2	0	0	2	2.0	1	0	0	1	1.0	3	0	0	3	3.0
07:15 - 07:30	3	0	0	3	3.0	3	0	0	3	3.0	1	0	0	1	1.0
07:30 - 07:45	4	0	0	4	4.0	2	0	0	2	2.0	1	0	0	1	1.0
07:45 - 08:00	4	0	0	4	4.0	6	1	0	7	8.3	3	0	0	3	3.0
Hourly Total	13	0	0	13	13.0	12	1	0	13	14.3	8	0	0	8	8.0
08:00 - 08:15	7	0	0	7	7.0	3	0	0	3	3.0	2	0	0	2	2.0
08:15 - 08:30	7	0	0	7	7.0	9	0	0	9	9.0	1	0	0	1	1.0
08:30 - 08:45	4	0	0	4	4.0	3	0	0	3	3.0	4	0	0	4	4.0
08:45 - 09:00	7	0	0	7	7.0	2	0	0	2	2.0	2	0	0	2	2.0
Hourly Total	25	0	0	25	25.0	17	0	0	17	17.0	9	0	0	9	9.0
09:00 - 09:15	2	0	0	2	2.0	4	0	0	4	4.0	2	0	0	2	2.0
09:15 - 09:30	1	0	0	1	1.0	1	0	0	1	1.0	3	0	0	3	3.0
09:30 - 09:45	1	0	0	1	1.0	1	0	0	1	1.0	2	0	0	2	2.0
09:45 - 10:00	2	0	0	2	2.0	2	0	0	2	2.0	3	0	0	3	3.0
Hourly Total	6	0	0	6	6.0	8	0	0	8	8.0	10	0	0	10	10.0

PCU Factors:	
LIGHT	1.0
HEAVY	2.3
BUS	2.0

TOTAL	46	0	0	46	46.0	41	1	0	42	43.3	30	0	0	30	30.0
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16:00 - 16:15	4	0	0	4	4.0	1	0	0	1	1.0	0	0	0	0	0.0
16:15 - 16:30	3	0	0	3	3.0	2	0	0	2	2.0	2	0	0	2	2.0
16:30 - 16:45	1	0	0	1	1.0	0	0	0	0	0.0	4	0	0	4	4.0
16:45 - 17:00	5	0	0	5	5.0	0	0	0	0	0.0	4	0	0	4	4.0
Hourly Total	13	0	0	13	13.0	3	0	0	3	3.0	10	0	0	10	10.0
17:00 - 17:15	3	0	0	3	3.0	2	0	0	2	2.0	2	0	0	2	2.0
17:15 - 17:30	2	0	0	2	2.0	2	0	0	2	2.0	1	0	0	1	1.0
17:30 - 17:45	2	0	0	2	2.0	1	0	0	1	1.0	2	0	0	2	2.0
17:45 - 18:00	3	0	0	3	3.0	3	0	0	3	3.0	5	0	0	5	5.0
Hourly Total	10	0	0	10	10.0	8	0	0	8	8.0	10	0	0	10	10.0
18:00 - 18:15	1	0	0	1	1.0	1	0	0	1	1.0	2	0	0	2	2.0
18:15 - 18:30	4	0	0	4	4.0	2	0	0	2	2.0	2	0	0	2	2.0
18:30 - 18:45	1	0	0	1	1.0	4	0	0	4	4.0	2	0	0	2	2.0
18:45 - 19:00	1	0	0	1	1.0	2	0	0	2	2.0	0	0	0	0	0.0
Hourly Total	7	0	0	7	7.0	9	0	0	9	9.0	6	0	0	6	6.0
19:00 - 19:15	2	0	0	2	2.0	1	0	0	1	1.0	2	0	0	2	2.0
19:15 - 19:30	1	0	0	1	1.0	1	0	0	1	1.0	4	0	0	4	4.0
19:30 - 19:45	1	0	0	1	1.0	0	0	0	0	0.0	2	0	0	2	2.0
19:45 - 20:00	2	0	0	2	2.0	2	0	0	2	2.0	1	0	0	1	1.0
Hourly Total	6	0	0	6	6.0	4	0	0	4	4.0	9	0	0	9	9.0

TOTAL	36	0	0	36	36.0	24	0	0	24	24.0	35	0	0	35	35.0
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# North Wales, Thursday 5th May 2022

Junction: 1  
Approach: A547 Abergele Road West



TIME	Left to A55 Slips					Ahead to A547 Abergele Road (East)					Right to Erw Wen				
	LIGHT	HEAVY	BUS	TOTAL	PCUs	LIGHT	HEAVY	BUS	TOTAL	PCUs	LIGHT	HEAVY	BUS	TOTAL	PCUs
06:00 - 06:15	1	0	0	1	1.0	7	0	0	7	7.0	0	0	0	0	0.0
06:15 - 06:30	0	0	0	0	0.0	9	0	0	9	9.0	0	0	0	0	0.0
06:30 - 06:45	0	0	0	0	0.0	15	0	1	16	17.0	0	0	0	0	0.0
06:45 - 07:00	7	0	0	7	7.0	16	0	1	17	18.0	1	0	0	1	1.0
Hourly Total	8	0	0	8	8.0	47	0	2	49	51.0	1	0	0	1	1.0
07:00 - 07:15	7	1	1	9	11.3	27	0	2	29	31.0	0	0	0	0	0.0
07:15 - 07:30	1	2	0	3	5.6	19	1	1	21	23.3	0	0	0	0	0.0
07:30 - 07:45	14	1	0	15	16.3	40	0	2	42	44.0	0	0	0	0	0.0
07:45 - 08:00	15	0	0	15	15.0	41	1	2	44	47.3	0	0	0	0	0.0
Hourly Total	37	4	1	42	48.2	127	2	7	136	145.6	0	0	0	0	0.0
08:00 - 08:15	44	2	1	47	50.6	54	1	2	57	60.3	0	0	0	0	0.0
08:15 - 08:30	62	1	0	63	64.3	73	3	1	77	81.9	3	0	0	3	3.0
08:30 - 08:45	36	0	0	36	36.0	78	1	2	81	84.3	1	0	0	1	1.0
08:45 - 09:00	12	1	0	13	14.3	81	5	1	87	94.5	2	0	0	2	2.0
Hourly Total	154	4	1	159	165.2	286	10	6	302	321.0	6	0	0	6	6.0
09:00 - 09:15	7	1	0	8	9.3	45	1	2	48	51.3	1	0	0	1	1.0
09:15 - 09:30	6	1	0	7	8.3	42	3	1	46	50.9	0	0	0	0	0.0
09:30 - 09:45	2	0	0	2	2.0	52	1	1	54	56.3	1	0	0	1	1.0
09:45 - 10:00	7	2	0	9	11.6	46	3	2	51	56.9	2	0	0	2	2.0
Hourly Total	22	4	0	26	31.2	185	8	6	199	215.4	4	0	0	4	4.0

PCU Factors:	
LIGHT	1.0
HEAVY	2.3
BUS	2.0

TOTAL	221	12	2	235	252.6	645	20	21	686	733.0	11	0	0	11	11.0
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16:00 - 16:15	14	1	0	15	16.3	99	0	2	101	103.0	4	0	0	4	4.0
16:15 - 16:30	7	1	0	8	9.3	96	0	1	97	98.0	5	0	0	5	5.0
16:30 - 16:45	9	0	0	9	9.0	85	0	2	87	89.0	4	0	0	4	4.0
16:45 - 17:00	10	0	0	10	10.0	100	2	3	105	110.6	2	0	0	2	2.0
Hourly Total	40	2	0	42	44.6	380	2	8	390	400.6	15	0	0	15	15.0
17:00 - 17:15	12	0	1	13	14.0	97	0	1	98	99.0	4	0	0	4	4.0
17:15 - 17:30	9	0	0	9	9.0	109	0	2	111	113.0	7	0	0	7	7.0
17:30 - 17:45	6	0	0	6	6.0	90	0	1	91	92.0	3	0	0	3	3.0
17:45 - 18:00	11	0	0	11	11.0	57	1	1	59	61.3	2	0	0	2	2.0
Hourly Total	38	0	1	39	40.0	353	1	5	359	365.3	16	0	0	16	16.0
18:00 - 18:15	7	0	0	7	7.0	70	1	2	73	76.3	3	0	0	3	3.0
18:15 - 18:30	3	0	0	3	3.0	56	0	1	57	58.0	4	0	0	4	4.0
18:30 - 18:45	4	0	0	4	4.0	58	0	1	59	60.0	2	0	0	2	2.0
18:45 - 19:00	3	0	0	3	3.0	56	0	1	57	58.0	2	0	0	2	2.0
Hourly Total	17	0	0	17	17.0	240	1	5	246	252.3	11	0	0	11	11.0
19:00 - 19:15	2	0	0	2	2.0	61	1	1	63	65.3	1	0	0	1	1.0
19:15 - 19:30	2	0	0	2	2.0	34	0	1	35	36.0	0	0	0	0	0.0
19:30 - 19:45	0	0	0	0	0.0	34	0	1	35	36.0	1	0	0	1	1.0
19:45 - 20:00	3	0	0	3	3.0	37	0	2	39	41.0	1	0	0	1	1.0
Hourly Total	7	0	0	7	7.0	166	1	5	172	178.3	3	0	0	3	3.0

TOTAL	102	2	1	105	108.6	1139	5	23	1167	1196.5	45	0	0	45	45.0
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North Wales, Thursday 5th May 2022

From: 1) 06:00

To: 1) 10:00

Class: All Vehicles

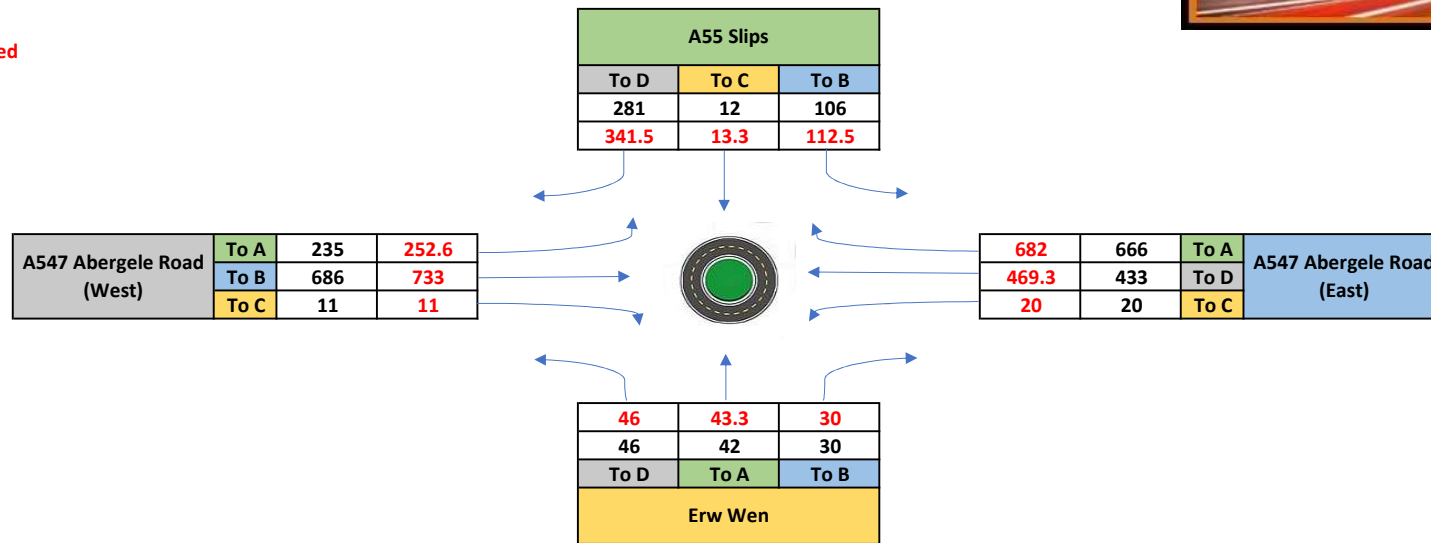
Show Peak Hour: ☐

Show PCUs: ☒

Show Session 2



PCUs in red





# North Wales, Thursday 5th May 2022

Junction: 2  
Approach: Beach House Road



TIME	Left to A547 Abergele Road (East)					Ahead to Rhyd-Y-Foel Road					Right to A547 Abergele Road (West)				
	LIGHT	HEAVY	BUS	TOTAL	PCUs	LIGHT	HEAVY	BUS	TOTAL	PCUs	LIGHT	HEAVY	BUS	TOTAL	PCUs
06:00 - 06:15	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0
06:15 - 06:30	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0
06:30 - 06:45	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0
06:45 - 07:00	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0
Hourly Total	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0
07:00 - 07:15	0	0	0	0	0.0	0	0	0	0	0.0	1	0	0	1	1.0
07:15 - 07:30	0	0	0	0	0.0	0	0	0	0	0.0	1	0	0	1	1.0
07:30 - 07:45	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0
07:45 - 08:00	0	0	0	0	0.0	0	0	0	0	0.0	1	0	0	1	1.0
Hourly Total	0	0	0	0	0.0	0	0	0	0	0.0	3	0	0	3	3.0
08:00 - 08:15	1	0	0	1	1.0	0	0	0	0	0.0	0	0	0	0	0.0
08:15 - 08:30	1	0	0	1	1.0	0	0	0	0	0.0	1	0	0	1	1.0
08:30 - 08:45	1	0	0	1	1.0	0	0	0	0	0.0	1	1	0	2	3.3
08:45 - 09:00	0	0	0	0	0.0	0	1	0	1	2.3	1	0	0	1	1.0
Hourly Total	3	0	0	3	3.0	0	1	0	1	2.3	3	1	0	4	5.3
09:00 - 09:15	0	0	0	0	0.0	0	0	0	0	0.0	2	0	0	2	2.0
09:15 - 09:30	1	0	0	1	1.0	0	0	0	0	0.0	2	0	0	2	2.0
09:30 - 09:45	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0
09:45 - 10:00	3	0	0	3	3.0	1	0	0	1	1.0	2	0	0	2	2.0
Hourly Total	4	0	0	4	4.0	1	0	0	1	1.0	6	0	0	6	6.0

PCU Factors:	
LIGHT	1.0
HEAVY	2.3
BUS	2.0

TOTAL	7	0	0	7	7.0	1	1	0	2	3.3	12	1	0	13	14.3
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16:00 - 16:15	2	0	0	2	2.0	0	0	0	0	0.0	3	0	0	3	3.0
16:15 - 16:30	1	0	0	1	1.0	1	0	0	1	1.0	2	0	0	2	2.0
16:30 - 16:45	2	0	0	2	2.0	1	0	0	1	1.0	4	0	0	4	4.0
16:45 - 17:00	3	0	0	3	3.0	0	0	0	0	0.0	2	0	0	2	2.0
Hourly Total	8	0	0	8	8.0	2	0	0	2	2.0	11	0	0	11	11.0
17:00 - 17:15	3	0	0	3	3.0	0	0	0	0	0.0	4	0	0	4	4.0
17:15 - 17:30	2	0	0	2	2.0	0	0	0	0	0.0	4	0	0	4	4.0
17:30 - 17:45	2	0	0	2	2.0	1	0	0	1	1.0	3	0	0	3	3.0
17:45 - 18:00	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0
Hourly Total	7	0	0	7	7.0	1	0	0	1	1.0	11	0	0	11	11.0
18:00 - 18:15	0	0	0	0	0.0	2	0	0	2	2.0	1	0	0	1	1.0
18:15 - 18:30	2	0	0	2	2.0	0	0	0	0	0.0	3	0	0	3	3.0
18:30 - 18:45	2	0	0	2	2.0	0	0	0	0	0.0	1	0	0	1	1.0
18:45 - 19:00	1	0	0	1	1.0	0	0	0	0	0.0	1	0	0	1	1.0
Hourly Total	5	0	0	5	5.0	2	0	0	2	2.0	6	0	0	6	6.0
19:00 - 19:15	0	0	0	0	0.0	1	0	0	1	1.0	2	0	0	2	2.0
19:15 - 19:30	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0
19:30 - 19:45	1	0	0	1	1.0	0	0	0	0	0.0	0	0	0	0	0.0
19:45 - 20:00	0	0	0	0	0.0	0	0	0	0	0.0	1	0	0	1	1.0
Hourly Total	1	0	0	1	1.0	1	0	0	1	1.0	3	0	0	3	3.0

TOTAL	21	0	0	21	21.0	6	0	0	6	6.0	31	0	0	31	31.0
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# North Wales, Thursday 5th May 2022

Junction: 2  
Approach: A547 Abergele Road East



TIME	Left to Rhyd-Y-Foel Road					Ahead to A547 Abergele Road (West)					Right to Beach House Road				
	LIGHT	HEAVY	BUS	TOTAL	PCUs	LIGHT	HEAVY	BUS	TOTAL	PCUs	LIGHT	HEAVY	BUS	TOTAL	PCUs
06:00 - 06:15	1	0	0	1	1.0	8	0	1	9	10.0	0	0	0	0	0.0
06:15 - 06:30	0	0	0	0	0.0	3	1	1	5	7.3	0	0	0	0	0.0
06:30 - 06:45	2	0	0	2	2.0	16	0	1	17	18.0	0	0	0	0	0.0
06:45 - 07:00	4	0	0	4	4.0	7	1	1	9	11.3	0	0	0	0	0.0
Hourly Total	7	0	0	7	7.0	34	2	4	40	46.6	0	0	0	0	0.0
07:00 - 07:15	1	2	0	3	5.6	20	2	1	23	26.6	0	0	0	0	0.0
07:15 - 07:30	1	0	0	1	1.0	25	0	1	26	27.0	0	0	0	0	0.0
07:30 - 07:45	2	1	0	3	4.3	42	2	1	45	48.6	0	0	0	0	0.0
07:45 - 08:00	2	1	0	3	4.3	59	2	3	64	69.6	1	0	0	1	1.0
Hourly Total	6	4	0	10	15.2	146	6	6	158	171.8	1	0	0	1	1.0
08:00 - 08:15	2	0	0	2	2.0	67	0	3	70	73.0	0	0	0	0	0.0
08:15 - 08:30	3	0	0	3	3.0	76	4	2	82	89.2	2	0	0	2	2.0
08:30 - 08:45	4	0	0	4	4.0	61	2	2	65	69.6	0	0	0	0	0.0
08:45 - 09:00	3	0	1	4	5.0	36	2	2	40	44.6	0	0	0	0	0.0
Hourly Total	12	0	1	13	14.0	240	8	9	257	276.4	2	0	0	2	2.0
09:00 - 09:15	2	0	0	2	2.0	42	6	1	49	57.8	3	0	0	3	3.0
09:15 - 09:30	4	1	0	5	6.3	48	1	1	50	52.3	0	0	0	0	0.0
09:30 - 09:45	6	1	0	7	8.3	37	1	2	40	43.3	0	0	0	0	0.0
09:45 - 10:00	4	0	0	4	4.0	40	2	1	43	46.6	1	0	0	1	1.0
Hourly Total	16	2	0	18	20.6	167	10	5	182	200.0	4	0	0	4	4.0

PCU Factors:	
LIGHT	1.0
HEAVY	2.3
BUS	2.0

TOTAL	41	6	1	48	56.8	587	26	24	637	694.8	7	0	0	7	7.0
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16:00 - 16:15	6	2	0	8	10.6	68	0	3	71	74.0	1	0	0	1	1.0
16:15 - 16:30	7	0	0	7	7.0	56	0	2	58	60.0	3	0	0	3	3.0
16:30 - 16:45	5	1	0	6	7.3	56	3	1	60	64.9	2	0	0	2	2.0
16:45 - 17:00	8	0	0	8	8.0	51	2	1	54	57.6	2	0	0	2	2.0
Hourly Total	26	3	0	29	32.9	231	5	7	243	256.5	8	0	0	8	8.0
17:00 - 17:15	5	0	0	5	5.0	77	0	1	78	79.0	2	0	0	2	2.0
17:15 - 17:30	5	0	0	5	5.0	63	2	2	67	71.6	0	0	0	0	0.0
17:30 - 17:45	6	0	0	6	6.0	57	0	1	58	59.0	3	0	0	3	3.0
17:45 - 18:00	4	0	0	4	4.0	70	1	1	72	74.3	1	0	0	1	1.0
Hourly Total	20	0	0	20	20.0	267	3	5	275	283.9	6	0	0	6	6.0
18:00 - 18:15	11	0	0	11	11.0	46	0	2	48	50.0	0	0	0	0	0.0
18:15 - 18:30	7	0	0	7	7.0	38	0	1	39	40.0	1	0	0	1	1.0
18:30 - 18:45	4	1	0	5	6.3	47	0	0	47	47.0	1	0	0	1	1.0
18:45 - 19:00	5	0	0	5	5.0	45	0	2	47	49.0	2	0	0	2	2.0
Hourly Total	27	1	0	28	29.3	176	0	5	181	186.0	4	0	0	4	4.0
19:00 - 19:15	6	0	0	6	6.0	38	1	0	39	40.3	1	0	0	1	1.0
19:15 - 19:30	4	0	0	4	4.0	23	1	1	25	27.3	0	0	0	0	0.0
19:30 - 19:45	1	0	0	1	1.0	24	1	1	26	28.3	2	0	0	2	2.0
19:45 - 20:00	2	0	0	2	2.0	21	0	1	22	23.0	0	0	0	0	0.0
Hourly Total	13	0	0	13	13.0	106	3	3	112	118.9	3	0	0	3	3.0

TOTAL	86	4	0	90	95.2	780	11	20	811	845.3	21	0	0	21	21.0
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# North Wales, Thursday 5th May 2022

Junction: 2  
Approach: Rhyd-Y-Foel Road



TIME	Left to A547 Abergele Road (West)					Ahead to Beach House Road					Right to A547 Abergele Road (East)				
	LIGHT	HEAVY	BUS	TOTAL	PCUs	LIGHT	HEAVY	BUS	TOTAL	PCUs	LIGHT	HEAVY	BUS	TOTAL	PCUs
06:00 - 06:15	0	0	0	0	0.0	0	0	0	0	0.0	3	0	0	3	3.0
06:15 - 06:30	2	0	0	2	2.0	0	0	0	0	0.0	3	0	0	3	3.0
06:30 - 06:45	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0
06:45 - 07:00	0	0	0	0	0.0	0	0	0	0	0.0	2	0	0	2	2.0
Hourly Total	2	0	0	2	2.0	0	0	0	0	0.0	8	0	0	8	8.0
07:00 - 07:15	2	0	0	2	2.0	0	0	0	0	0.0	2	0	0	2	2.0
07:15 - 07:30	3	0	0	3	3.0	0	0	0	0	0.0	2	0	0	2	2.0
07:30 - 07:45	3	0	0	3	3.0	0	0	0	0	0.0	4	0	0	4	4.0
07:45 - 08:00	6	1	1	8	10.3	0	0	0	0	0.0	4	0	0	4	4.0
Hourly Total	14	1	1	16	18.3	0	0	0	0	0.0	12	0	0	12	12.0
08:00 - 08:15	10	0	0	10	10.0	0	0	0	0	0.0	6	0	0	6	6.0
08:15 - 08:30	7	0	0	7	7.0	0	0	0	0	0.0	6	0	0	6	6.0
08:30 - 08:45	8	1	0	9	10.3	0	0	0	0	0.0	5	1	0	6	7.3
08:45 - 09:00	4	0	0	4	4.0	0	0	0	0	0.0	8	0	0	8	8.0
Hourly Total	29	1	0	30	31.3	0	0	0	0	0.0	25	1	0	26	27.3
09:00 - 09:15	9	0	0	9	9.0	1	0	0	1	1.0	7	1	0	8	9.3
09:15 - 09:30	10	0	0	10	10.0	1	0	0	1	1.0	1	0	0	1	1.0
09:30 - 09:45	5	0	0	5	5.0	0	0	0	0	0.0	4	1	0	5	6.3
09:45 - 10:00	7	0	0	7	7.0	0	0	0	0	0.0	4	0	0	4	4.0
Hourly Total	31	0	0	31	31.0	2	0	0	2	2.0	16	2	0	18	20.6

PCU Factors:	
LIGHT	1.0
HEAVY	2.3
BUS	2.0

TOTAL	76	2	1	79	82.6	2	0	0	2	2.0	61	3	0	64	67.9
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16:00 - 16:15	3	0	0	3	3.0	0	0	0	0	0.0	5	0	0	5	5.0
16:15 - 16:30	6	0	0	6	6.0	0	0	0	0	0.0	4	0	0	4	4.0
16:30 - 16:45	4	1	0	5	6.3	0	0	0	0	0.0	3	1	0	4	5.3
16:45 - 17:00	2	0	0	2	2.0	0	0	0	0	0.0	4	1	0	5	6.3
Hourly Total	15	1	0	16	17.3	0	0	0	0	0.0	16	2	0	18	20.6
17:00 - 17:15	4	0	0	4	4.0	0	0	0	0	0.0	5	0	0	5	5.0
17:15 - 17:30	4	0	0	4	4.0	2	0	0	2	2.0	6	0	0	6	6.0
17:30 - 17:45	3	0	0	3	3.0	0	0	0	0	0.0	3	1	0	4	5.3
17:45 - 18:00	4	0	0	4	4.0	0	0	0	0	0.0	2	0	0	2	2.0
Hourly Total	15	0	0	15	15.0	2	0	0	2	2.0	16	1	0	17	18.3
18:00 - 18:15	6	0	0	6	6.0	0	0	0	0	0.0	6	0	0	6	6.0
18:15 - 18:30	7	0	0	7	7.0	0	0	0	0	0.0	3	0	0	3	3.0
18:30 - 18:45	5	1	0	6	7.3	0	0	0	0	0.0	4	0	0	4	4.0
18:45 - 19:00	5	0	0	5	5.0	0	0	0	0	0.0	4	0	0	4	4.0
Hourly Total	23	1	0	24	25.3	0	0	0	0	0.0	17	0	0	17	17.0
19:00 - 19:15	3	0	0	3	3.0	0	0	0	0	0.0	4	0	0	4	4.0
19:15 - 19:30	2	0	0	2	2.0	0	0	0	0	0.0	1	0	0	1	1.0
19:30 - 19:45	3	0	0	3	3.0	0	0	0	0	0.0	2	0	0	2	2.0
19:45 - 20:00	3	0	0	3	3.0	0	0	0	0	0.0	2	0	0	2	2.0
Hourly Total	11	0	0	11	11.0	0	0	0	0	0.0	9	0	0	9	9.0

TOTAL	64	2	0	66	68.6	2	0	0	2	2.0	58	3	0	61	64.9
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# North Wales, Thursday 5th May 2022

Junction: 2  
Approach: A547 Abergele Road West



TIME	Left to Beach House Road					Ahead to A547 Abergele Road (East)					Right to Rhyd-Y-Foel Road				
	LIGHT	HEAVY	BUS	TOTAL	PCUs	LIGHT	HEAVY	BUS	TOTAL	PCUs	LIGHT	HEAVY	BUS	TOTAL	PCUs
06:00 - 06:15	0	0	0	0	0.0	5	0	0	5	5.0	1	0	0	1	1.0
06:15 - 06:30	0	0	0	0	0.0	7	1	0	8	9.3	1	0	0	1	1.0
06:30 - 06:45	0	0	0	0	0.0	6	0	1	7	8.0	0	0	0	0	0.0
06:45 - 07:00	1	0	0	1	1.0	12	1	1	14	16.3	1	0	0	1	1.0
Hourly Total	1	0	0	1	1.0	30	2	2	34	38.6	3	0	0	3	3.0
07:00 - 07:15	1	0	0	1	1.0	18	1	2	21	24.3	1	0	0	1	1.0
07:15 - 07:30	0	0	0	0	0.0	20	1	0	21	22.3	0	0	1	1	2.0
07:30 - 07:45	0	0	0	0	0.0	32	1	2	35	38.3	0	0	0	0	0.0
07:45 - 08:00	0	0	0	0	0.0	35	3	2	40	45.9	1	0	0	1	1.0
Hourly Total	1	0	0	1	1.0	105	6	6	117	130.8	2	0	1	3	4.0
08:00 - 08:15	0	0	0	0	0.0	32	1	2	35	38.3	0	0	0	0	0.0
08:15 - 08:30	3	1	0	4	5.3	61	2	1	64	67.6	2	1	0	3	4.3
08:30 - 08:45	2	1	0	3	4.3	66	1	2	69	72.3	3	0	0	3	3.0
08:45 - 09:00	4	0	0	4	4.0	73	5	1	79	86.5	4	2	0	6	8.6
Hourly Total	9	2	0	11	13.6	232	9	6	247	264.7	9	3	0	12	15.9
09:00 - 09:15	2	0	0	2	2.0	41	2	2	45	49.6	5	0	0	5	5.0
09:15 - 09:30	1	0	0	1	1.0	34	1	1	36	38.3	6	1	0	7	8.3
09:30 - 09:45	3	0	0	3	3.0	51	2	1	54	57.6	8	0	0	8	8.0
09:45 - 10:00	2	0	0	2	2.0	40	3	2	45	50.9	4	2	0	6	8.6
Hourly Total	8	0	0	8	8.0	166	8	6	180	196.4	23	3	0	26	29.9

PCU Factors:	
LIGHT	1.0
HEAVY	2.3
BUS	2.0

TOTAL	19	2	0	21	23.6	533	25	20	578	630.5	37	6	1	44	52.8
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16:00 - 16:15	3	0	0	3	3.0	81	1	1	83	85.3	6	0	0	6	6.0
16:15 - 16:30	3	0	0	3	3.0	76	0	1	77	78.0	8	0	0	8	8.0
16:30 - 16:45	4	0	0	4	4.0	80	1	2	83	86.3	8	0	0	8	8.0
16:45 - 17:00	4	0	0	4	4.0	80	3	0	83	86.9	6	0	0	6	6.0
Hourly Total	14	0	0	14	14.0	317	5	4	326	336.5	28	0	0	28	28.0
17:00 - 17:15	1	0	0	1	1.0	77	1	2	80	83.3	8	0	0	8	8.0
17:15 - 17:30	6	0	0	6	6.0	77	0	2	79	81.0	9	0	0	9	9.0
17:30 - 17:45	1	0	0	1	1.0	66	0	2	68	70.0	7	0	0	7	7.0
17:45 - 18:00	0	0	0	0	0.0	57	2	0	59	61.6	6	0	0	6	6.0
Hourly Total	8	0	0	8	8.0	277	3	6	286	295.9	30	0	0	30	30.0
18:00 - 18:15	3	0	0	3	3.0	45	0	2	47	49.0	6	1	0	7	8.3
18:15 - 18:30	2	0	0	2	2.0	50	1	1	52	54.3	2	0	0	2	2.0
18:30 - 18:45	1	0	0	1	1.0	48	1	1	50	52.3	8	0	0	8	8.0
18:45 - 19:00	3	0	0	3	3.0	32	0	1	33	34.0	4	0	0	4	4.0
Hourly Total	9	0	0	9	9.0	175	2	5	182	189.6	20	1	0	21	22.3
19:00 - 19:15	2	0	0	2	2.0	43	1	2	46	49.3	4	0	0	4	4.0
19:15 - 19:30	1	0	0	1	1.0	30	0	1	31	32.0	3	0	0	3	3.0
19:30 - 19:45	2	0	0	2	2.0	25	0	1	26	27.0	4	0	0	4	4.0
19:45 - 20:00	1	0	0	1	1.0	37	1	2	40	43.3	1	0	0	1	1.0
Hourly Total	6	0	0	6	6.0	135	2	6	143	151.6	12	0	0	12	12.0

TOTAL	37	0	0	37	37.0	904	12	21	937	973.6	90	1	0	91	92.3
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North Wales, Thursday 5th May 2022

From: 1) 06:00 ▾

To: 1) 10:00 ▾

Class: All Vehicles ▾

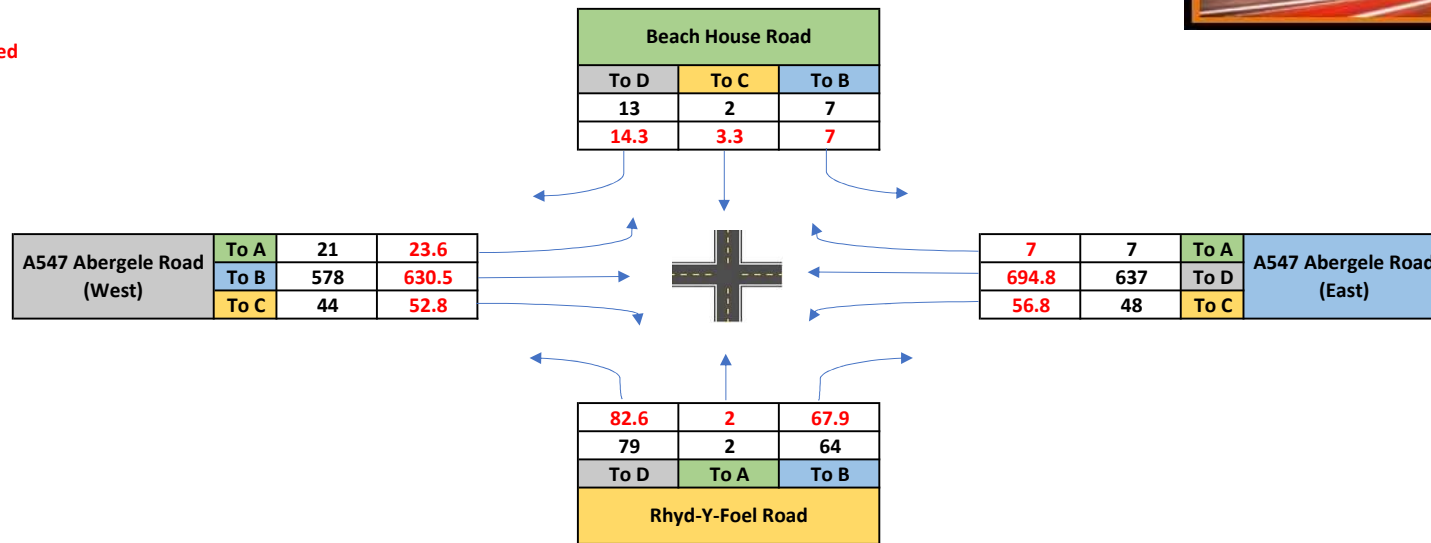
Show Peak Hour: ☐

Show PCUs: ☒

Show Session 2



PCUs in red





# North Wales, Thursday 5th May 2022

Junction: 3  
Approach: A55 North



TIME	To A547 Rhuddlan Road (East)					To McDonald's					To A55 (South)					To The Kinmel					To A547 Rhuddlan Road (West)				
	LIGHT	HEAVY	BUS	TOTAL	PCUs	LIGHT	HEAVY	BUS	TOTAL	PCUs	LIGHT	HEAVY	BUS	TOTAL	PCUs	LIGHT	HEAVY	BUS	TOTAL	PCUs	LIGHT	HEAVY	BUS	TOTAL	PCUs
06:00 - 06:15	6	1	0	7	8.3	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0	2	0	0	2	2.0
06:15 - 06:30	12	1	0	13	14.3	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0	1	0	0	1	1.0
06:30 - 06:45	40	2	0	42	44.6	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0	1	0	0	1	1.0
06:45 - 07:00	37	0	0	37	37.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0
Hourly Total	95	4	0	99	104.2	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0	4	0	0	4	4.0
07:00 - 07:15	39	2	0	41	43.6	2	0	0	2	2.0	0	0	0	0	0.0	0	0	0	0	0.0	12	1	0	13	14.3
07:15 - 07:30	48	4	0	52	57.2	1	0	0	1	1.0	0	0	0	0	0.0	0	0	0	0	0.0	11	3	0	14	17.9
07:30 - 07:45	76	3	0	79	82.9	1	0	0	1	1.0	0	0	0	0	0.0	0	0	0	0	0.0	15	0	0	15	15.0
07:45 - 08:00	96	7	0	103	112.1	2	0	0	2	2.0	0	0	0	0	0.0	1	0	0	1	1.0	19	0	0	19	19.0
Hourly Total	259	16	0	275	295.8	6	0	0	6	6.0	0	0	0	0	0.0	1	0	0	1	1.0	57	4	0	61	66.2
08:00 - 08:15	94	5	1	100	107.5	2	0	0	2	2.0	0	0	0	0	0.0	1	0	0	1	1.0	25	0	0	25	25.0
08:15 - 08:30	80	3	0	83	86.9	3	0	0	3	3.0	0	0	0	0	0.0	1	0	0	1	1.0	26	0	0	26	26.0
08:30 - 08:45	66	6	0	72	79.8	1	0	0	1	1.0	0	0	0	0	0.0	0	0	0	0	0.0	16	0	0	16	16.0
08:45 - 09:00	67	8	1	76	87.4	2	0	0	2	2.0	0	0	0	0	0.0	0	0	0	0	0.0	23	2	0	25	27.6
Hourly Total	307	22	2	331	361.6	8	0	0	8	8.0	0	0	0	0	0.0	2	0	0	2	2.0	90	2	0	92	94.6
09:00 - 09:15	37	4	2	43	50.2	6	0	0	6	6.0	0	0	0	0	0.0	1	0	0	1	1.0	29	2	0	31	33.6
09:15 - 09:30	33	8	0	41	51.4	1	0	0	1	1.0	0	0	0	0	0.0	0	0	0	0	0.0	9	1	0	10	11.3
09:30 - 09:45	37	4	0	41	46.2	4	2	0	6	8.6	0	0	0	0	0.0	0	0	0	0	0.0	14	3	0	17	20.9
09:45 - 10:00	48	8	0	56	66.4	3	0	0	3	3.0	0	0	0	0	0.0	0	0	0	0	0.0	14	0	0	14	14.0
Hourly Total	155	24	2	181	214.2	14	2	0	16	18.6	0	0	0	0	0.0	1	0	0	1	1.0	66	6	0	72	79.8
TOTAL	816	66	4	886	975.8	28	2	0	30	32.6	0	0	0	0	0.0	4	0	0	4	4.0	217	12	0	229	244.6
16:00 - 16:15	77	1	0	78	79.3	1	0	0	1	1.0	0	0	0	0	0.0	0	0	0	0	0.0	10	1	0	11	12.3
16:15 - 16:30	88	0	0	88	88.0	2	0	0	2	2.0	0	0	0	0	0.0	0	0	0	0	0.0	13	0	0	13	13.0
16:30 - 16:45	93	3	0	96	99.9	2	0	0	2	2.0	0	0	0	0	0.0	0	0	0	0	0.0	13	0	0	13	13.0
16:45 - 17:00	80	5	0	85	91.5	2	0	0	2	2.0	0	0	0	0	0.0	0	0	0	0	0.0	21	0	0	21	21.0
Hourly Total	338	9	0	347	358.7	7	0	0	7	7.0	0	0	0	0	0.0	0	0	0	0	0.0	57	1	0	58	59.3
17:00 - 17:15	95	2	1	98	101.6	4	0	0	4	4.0	0	0	0	0	0.0	0	0	0	0	0.0	29	0	0	29	29.0
17:15 - 17:30	99	4	0	103	108.2	3	0	0	3	3.0	0	0	0	0	0.0	0	0	0	0	0.0	30	0	0	30	30.0
17:30 - 17:45	83	2	0	85	87.6	2	0	0	2	2.0	0	0	0	0	0.0	0	0	0	0	0.0	22	0	0	22	22.0
17:45 - 18:00	87	4	0	91	96.2	4	0	0	4	4.0	0	0	0	0	0.0	0	0	0	0	0.0	30	0	0	30	30.0
Hourly Total	364	12	1	377	393.6	13	0	0	13	13.0	0	0	0	0	0.0	0	0	0	0	0.0	111	0	0	111	111.0
18:00 - 18:15	62	0	0	62	62.0	5	0	0	5	5.0	0	0	0	0	0.0	0	0	0	0	0.0	19	0	0	19	19.0
18:15 - 18:30	46	0	0	46	46.0	3	0	0	3	3.0	0	0	0	0	0.0	0	0	0	0	0.0	18	0	0	18	18.0
18:30 - 18:45	34	1	0	35	36.3	1	0	0	1	1.0	0	0	0	0	0.0	0	0	0	0	0.0	6	0	0	6	6.0
18:45 - 19:00	41	0	0	41	41.0	1	0	0	1	1.0	0	0	0	0	0.0	0	0	0	0	0.0	11	0	0	11	11.0
Hourly Total	183	1	0	184	185.3	10	0	0	10	10.0	0	0	0	0	0.0	0	0	0	0	0.0	54	0	0	54	54.0
19:00 - 19:15	32	1	0	33	34.3	3	0	0	3	3.0	0	0	0	0	0.0	0	0	0	0	0.0	13	0	0	13	13.0
19:15 - 19:30	43	0	0	43	43.0	2	0	0	2	2.0	0	0	0	0	0.0	0	0	0	0	0.0	9	1	0	10	11.3
19:30 - 19:45	23	0	0	23	23.0	2	0	0	2	2.0	0	0	0	0	0.0	0	0	0	0	0.0	9	2	0	11	13.6
19:45 - 20:00	22	0	0	22	22.0	2	0	0	2	2.0	0	0	0	0	0.0	0	0	0	0	0.0	8	0	0	8	8.0
Hourly Total	120	1	0	121	122.3	9	0	0	9	9.0	0	0	0	0	0.0	0	0	0	0	0.0	39	3	0	42	45.9
TOTAL	1005	23	1	1029	1059.9	39	0	0	39	39.0	0	0	0	0	0.0	0	0	0	0	0.0	261	4	0	265	270.2

PCU Factors:	
LIGHT	1.0
HEAVY	2.3
BUS	2.0



# North Wales, Thursday 5th May 2022

Junction: 3  
Approach: A547 Rhuddlan Road East



TIME	To McDonald's					To A55 (South)					To The Kinmel					To A547 Rhuddlan Road (West)					To A55 (North)				
	LIGHT	HEAVY	BUS	TOTAL	PCUs	LIGHT	HEAVY	BUS	TOTAL	PCUs	LIGHT	HEAVY	BUS	TOTAL	PCUs	LIGHT	HEAVY	BUS	TOTAL	PCUs	LIGHT	HEAVY	BUS	TOTAL	PCUs
06:00 - 06:15	0	0	0	0	0.0	3	0	0	3	3.0	0	0	0	0	0.0	10	0	0	10	10.0	11	0	0	11	11.0
06:15 - 06:30	0	0	0	0	0.0	2	1	0	3	4.3	0	0	0	0	0.0	8	0	0	8	8.0	12	1	0	13	14.3
06:30 - 06:45	0	0	0	0	0.0	3	0	0	3	3.0	0	0	0	0	0.0	13	0	0	13	13.0	20	2	0	22	24.6
06:45 - 07:00	0	0	0	0	0.0	5	0	0	5	5.0	0	0	0	0	0.0	20	0	0	20	20.0	31	0	0	31	31.0
Hourly Total	0	0	0	0	0.0	13	1	0	14	15.3	0	0	0	0	0.0	51	0	0	51	51.0	74	3	0	77	80.9
07:00 - 07:15	1	0	0	1	1.0	6	1	0	7	8.3	0	0	0	0	0.0	17	4	0	21	26.2	40	3	0	43	46.9
07:15 - 07:30	4	0	0	4	4.0	13	2	0	15	17.6	0	1	0	1	2.3	21	4	0	25	30.2	46	9	0	55	66.7
07:30 - 07:45	2	0	0	2	2.0	12	3	0	15	18.9	0	0	0	0	0.0	28	4	1	33	39.2	78	9	0	87	98.7
07:45 - 08:00	3	0	0	3	3.0	7	3	0	10	13.9	2	0	0	2	2.0	41	1	1	43	45.3	99	4	0	103	108.2
Hourly Total	10	0	0	10	10.0	38	9	0	47	58.7	2	1	0	3	4.3	107	13	2	122	140.9	263	25	0	288	320.5
08:00 - 08:15	6	0	0	6	6.0	10	2	0	12	14.6	1	0	0	1	1.0	49	3	1	53	57.9	92	8	2	102	114.4
08:15 - 08:30	8	0	0	8	8.0	14	1	0	15	16.3	1	0	0	1	1.0	58	7	3	68	80.1	110	8	0	118	128.4
08:30 - 08:45	3	1	0	4	5.3	9	2	0	11	13.6	0	0	0	0	0.0	76	5	2	83	91.5	103	6	2	111	120.8
08:45 - 09:00	5	0	0	5	5.0	10	2	0	12	14.6	0	0	0	0	0.0	73	4	0	77	82.2	89	11	0	100	114.3
Hourly Total	22	1	0	23	24.3	43	7	0	50	59.1	2	0	0	2	2.0	256	19	6	281	311.7	394	33	4	431	477.9
09:00 - 09:15	6	0	0	6	6.0	12	1	0	13	14.3	1	0	0	1	1.0	64	1	0	65	66.3	91	4	1	96	102.2
09:15 - 09:30	12	1	0	13	14.3	11	2	0	13	15.6	2	0	0	2	2.0	61	4	0	65	70.2	59	8	0	67	77.4
09:30 - 09:45	7	0	0	7	7.0	12	2	0	14	16.6	2	0	0	2	2.0	43	2	1	46	49.6	58	6	0	64	71.8
09:45 - 10:00	4	0	0	4	4.0	9	1	0	10	11.3	1	0	0	1	1.0	37	5	0	42	48.5	62	4	0	66	71.2
Hourly Total	29	1	0	30	31.3	44	6	0	50	57.8	6	0	0	6	6.0	205	12	1	218	234.6	270	22	1	293	322.6
TOTAL	61	2	0	63	65.6	138	23	0	161	190.9	10	1	0	11	12.3	619	44	9	672	738.2	1001	83	5	1089	1201.9
16:00 - 16:15	8	0	0	8	8.0	4	1	0	5	6.3	2	0	0	2	2.0	65	2	1	68	71.6	75	4	0	79	84.2
16:15 - 16:30	7	0	0	7	7.0	4	0	0	4	4.0	1	0	0	1	1.0	67	3	0	70	73.9	92	4	0	96	101.2
16:30 - 16:45	13	0	0	13	13.0	8	0	0	8	8.0	1	0	0	1	1.0	78	1	0	79	80.3	83	3	0	86	89.9
16:45 - 17:00	11	1	0	12	13.3	9	0	0	9	9.0	1	0	0	1	1.0	66	2	0	68	70.6	87	3	0	90	93.9
Hourly Total	39	1	0	40	41.3	25	1	0	26	27.3	5	0	0	5	5.0	276	8	1	285	296.4	337	14	0	351	369.2
17:00 - 17:15	10	0	0	10	10.0	18	1	0	19	20.3	1	0	0	1	1.0	58	0	1	59	60.0	104	1	0	105	106.3
17:15 - 17:30	10	0	0	10	10.0	15	0	0	15	15.0	1	0	0	1	1.0	84	2	0	86	88.6	110	2	0	112	114.6
17:30 - 17:45	6	0	0	6	6.0	11	0	0	11	11.0	0	0	0	0	0.0	66	1	0	67	68.3	74	0	0	74	74.0
17:45 - 18:00	8	0	0	8	8.0	20	1	0	21	22.3	0	0	0	0	0.0	62	2	1	65	68.6	70	0	0	70	70.0
Hourly Total	34	0	0	34	34.0	64	2	0	66	68.6	2	0	0	2	2.0	270	5	2	277	285.5	358	3	0	361	364.9
18:00 - 18:15	6	0	0	6	6.0	19	0	0	19	19.0	0	0	0	0	0.0	44	0	0	44	44.0	58	0	0	58	58.0
18:15 - 18:30	7	0	0	7	7.0	11	1	0	12	13.3	0	0	0	0	0.0	54	1	0	55	56.3	48	0	0	48	48.0
18:30 - 18:45	10	0	0	10	10.0	6	0	0	6	6.0	0	0	0	0	0.0	53	0	0	53	53.0	44	0	0	44	44.0
18:45 - 19:00	5	0	0	5	5.0	3	0	0	3	3.0	0	0	0	0	0.0	45	0	0	45	45.0	40	0	0	40	40.0
Hourly Total	28	0	0	28	28.0	39	1	0	40	41.3	0	0	0	0	0.0	196	1	0	197	198.3	190	0	0	190	190.0
19:00 - 19:15	8	0	0	8	8.0	19	0	0	19	19.0	0	0	0	0	0.0	37	0	0	37	37.0	32	0	0	32	32.0
19:15 - 19:30	9	0	0	9	9.0	4	1	0	5	6.3	0	0	0	0	0.0	45	1	1	47	49.3	36	0	0	36	36.0
19:30 - 19:45	5	0	0	5	5.0	7	0	0	7	7.0	0	0	0	0	0.0	44	2	0	46	48.6	22	0	0	22	22.0
19:45 - 20:00	8	0	0	8	8.0	9	0	0	9	9.0	0	0	0	0	0.0	37	0	0	37	37.0	28	0	0	28	28.0
Hourly Total	30	0	0	30	30.0	39	1	0	40	41.3	0	0	0	0	0.0	163	3	1	167	171.9	118	0	0	118	118.0
TOTAL	131	1	0	132	133.3	167	5	0	172	178.5	7	0	0	7	7.0	905	17	4	926	952.1	1003	17	0	1020	1042.1

PCU Factors:	
LIGHT	1.0
HEAVY	2.3
BUS	2.0



North Wales, Thursday 5th May 2022

Junction: 3  
Approach: McDonald's



TIME	To A55 (South)					To The Kinnel					To A547 Rhuddlan Road (West)					To A55 (North)					To A547 Rhuddlan Road (East)				
	LIGHT	HEAVY	BUS	TOTAL	PCUs	LIGHT	HEAVY	BUS	TOTAL	PCUs	LIGHT	HEAVY	BUS	TOTAL	PCUs	LIGHT	HEAVY	BUS	TOTAL	PCUs	LIGHT	HEAVY	BUS	TOTAL	PCUs
06:00 - 06:15	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0
06:15 - 06:30	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0
06:30 - 06:45	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0
06:45 - 07:00	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0
Hourly Total	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0
07:00 - 07:15	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0
07:15 - 07:30	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0
07:30 - 07:45	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0
07:45 - 08:00	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0
Hourly Total	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0
08:00 - 08:15	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0
08:15 - 08:30	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0
08:30 - 08:45	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0
08:45 - 09:00	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0
Hourly Total	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0
09:00 - 09:15	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0
09:15 - 09:30	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0
09:30 - 09:45	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0
09:45 - 10:00	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0
Hourly Total	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0
TOTAL	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0
16:00 - 16:15	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0
16:15 - 16:30	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0
16:30 - 16:45	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0
16:45 - 17:00	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0
Hourly Total	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0
17:00 - 17:15	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0
17:15 - 17:30	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0
17:30 - 17:45	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0
17:45 - 18:00	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0
Hourly Total	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0
18:00 - 18:15	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0
18:15 - 18:30	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0
18:30 - 18:45	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0
18:45 - 19:00	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0
Hourly Total	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0
19:00 - 19:15	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0
19:15 - 19:30	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0
19:30 - 19:45	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0
19:45 - 20:00	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0
Hourly Total	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0
TOTAL	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0

PCU Factors:	
LIGHT	1.0
HEAVY	2.3
BUS	2.0



North Wales, Thursday 5th May 2022

Junction: 3  
Approach: A55 South



TIME	To The Kinmel					To A547 Rhuddlan Road (West)					To A55 (North)					To A547 Rhuddlan Road (East)					To McDonald's				
	LIGHT	HEAVY	BUS	TOTAL	PCUs	LIGHT	HEAVY	BUS	TOTAL	PCUs	LIGHT	HEAVY	BUS	TOTAL	PCUs	LIGHT	HEAVY	BUS	TOTAL	PCUs	LIGHT	HEAVY	BUS	TOTAL	PCUs
06:00 - 06:15	0	0	0	0	0.0	8	0	0	8	8.0	0	0	0	0	0.0	2	0	0	2	2.0	0	0	0	0	0.0
06:15 - 06:30	0	0	0	0	0.0	5	2	0	7	9.6	0	0	0	0	0.0	3	0	0	3	3.0	0	0	0	0	0.0
06:30 - 06:45	0	0	0	0	0.0	6	0	0	6	6.0	0	0	0	0	0.0	5	1	0	6	7.3	0	0	0	0	0.0
06:45 - 07:00	0	1	0	1	2.3	9	5	0	14	20.5	0	0	0	0	0.0	4	0	0	4	4.0	0	0	0	0	0.0
Hourly Total	0	1	0	1	2.3	28	7	0	35	44.1	0	0	0	0	0.0	14	1	0	15	16.3	0	0	0	0	0.0
07:00 - 07:15	0	0	0	0	0.0	9	2	0	11	13.6	0	0	0	0	0.0	6	0	0	6	6.0	1	0	0	1	1.0
07:15 - 07:30	0	0	0	0	0.0	17	2	0	19	21.6	0	0	0	0	0.0	5	2	0	7	9.6	2	0	0	2	2.0
07:30 - 07:45	0	0	0	0	0.0	17	4	0	21	26.2	0	0	0	0	0.0	6	1	0	7	8.3	2	0	0	2	2.0
07:45 - 08:00	0	0	0	0	0.0	42	6	0	48	55.8	0	0	0	0	0.0	8	0	0	8	8.0	3	0	0	3	3.0
Hourly Total	0	0	0	0	0.0	85	14	0	99	117.2	0	0	0	0	0.0	25	3	0	28	31.9	8	0	0	8	8.0
08:00 - 08:15	0	0	0	0	0.0	46	0	0	46	46.0	0	0	0	0	0.0	9	2	0	11	13.6	0	0	0	0	0.0
08:15 - 08:30	0	1	0	1	2.3	42	3	1	46	50.9	0	0	0	0	0.0	9	3	0	12	15.9	0	0	0	0	0.0
08:30 - 08:45	0	0	0	0	0.0	64	0	0	64	64.0	0	0	0	0	0.0	8	1	0	9	10.3	3	0	0	3	3.0
08:45 - 09:00	0	0	0	0	0.0	54	2	0	56	58.6	0	0	0	0	0.0	7	0	0	7	7.0	2	0	0	2	2.0
Hourly Total	0	1	0	1	2.3	206	5	1	212	219.5	0	0	0	0	0.0	33	6	0	39	46.8	5	0	0	5	5.0
09:00 - 09:15	0	0	0	0	0.0	32	3	0	35	38.9	0	0	0	0	0.0	5	1	0	6	7.3	3	0	0	3	3.0
09:15 - 09:30	0	0	0	0	0.0	23	0	0	23	23.0	0	0	0	0	0.0	9	1	0	10	11.3	2	0	0	2	2.0
09:30 - 09:45	0	0	0	0	0.0	22	0	0	22	22.0	0	0	0	0	0.0	10	1	0	11	12.3	1	0	0	1	1.0
09:45 - 10:00	0	0	0	0	0.0	31	1	0	32	33.3	0	0	0	0	0.0	8	1	0	9	10.3	3	0	0	3	3.0
Hourly Total	0	0	0	0	0.0	108	4	0	112	117.2	0	0	0	0	0.0	32	4	0	36	41.2	9	0	0	9	9.0
TOTAL	0	2	0	2	4.6	427	30	1	458	498.0	0	0	0	0	0.0	104	14	0	118	136.2	22	0	0	22	22.0
16:00 - 16:15	0	0	0	0	0.0	68	0	0	68	68.0	0	0	0	0	0.0	8	1	0	9	10.3	4	0	0	4	4.0
16:15 - 16:30	0	0	0	0	0.0	52	2	0	54	56.6	0	0	0	0	0.0	18	2	0	20	22.6	1	0	0	1	1.0
16:30 - 16:45	1	0	0	1	1.0	69	2	0	71	73.6	0	0	0	0	0.0	13	2	0	15	17.6	4	0	0	4	4.0
16:45 - 17:00	1	0	0	1	1.0	89	3	0	92	95.9	0	0	0	0	0.0	12	1	0	13	14.3	6	0	0	6	6.0
Hourly Total	2	0	0	2	2.0	278	7	0	285	294.1	0	0	0	0	0.0	51	6	0	57	64.8	15	0	0	15	15.0
17:00 - 17:15	0	0	0	0	0.0	83	0	0	83	83.0	0	0	0	0	0.0	11	0	0	11	11.0	7	0	0	7	7.0
17:15 - 17:30	0	0	0	0	0.0	84	0	0	84	84.0	0	0	0	0	0.0	12	0	0	12	12.0	4	0	0	4	4.0
17:30 - 17:45	2	0	0	2	2.0	75	2	0	77	79.6	0	0	0	0	0.0	6	0	0	6	6.0	0	0	0	0	0.0
17:45 - 18:00	2	0	0	2	2.0	53	0	0	53	53.0	0	0	0	0	0.0	8	0	0	8	8.0	2	0	0	2	2.0
Hourly Total	4	0	0	4	4.0	295	2	0	297	299.6	0	0	0	0	0.0	37	0	0	37	37.0	13	0	0	13	13.0
18:00 - 18:15	1	0	0	1	1.0	54	0	1	55	56.0	0	0	0	0	0.0	9	0	0	9	9.0	1	0	0	1	1.0
18:15 - 18:30	0	0	0	0	0.0	30	2	0	32	34.6	0	0	0	0	0.0	11	0	0	11	11.0	0	0	0	0	0.0
18:30 - 18:45	0	0	0	0	0.0	41	0	0	41	41.0	0	0	0	0	0.0	7	0	0	7	7.0	4	0	0	4	4.0
18:45 - 19:00	0	0	0	0	0.0	34	0	0	34	34.0	0	0	0	0	0.0	6	0	0	6	6.0	3	0	0	3	3.0
Hourly Total	1	0	0	1	1.0	159	2	1	162	165.6	0	0	0	0	0.0	33	0	0	33	33.0	8	0	0	8	8.0
19:00 - 19:15	1	0	0	1	1.0	31	0	0	31	31.0	0	0	0	0	0.0	7	0	0	7	7.0	1	0	0	1	1.0
19:15 - 19:30	0	0	0	0	0.0	25	1	0	26	27.3	0	0	0	0	0.0	7	0	0	7	7.0	1	0	0	1	1.0
19:30 - 19:45	0	0	0	0	0.0	26	0	0	26	26.0	0	0	0	0	0.0	6	0	0	6	6.0	2	0	0	2	2.0
19:45 - 20:00	0	0	0	0	0.0	22	1	0	23	24.3	0	0	0	0	0.0	7	0	0	7	7.0	1	0	0	1	1.0
Hourly Total	1	0	0	1	1.0	104	2	0	106	108.6	0	0	0	0	0.0	27	0	0	27	27.0	5	0	0	5	5.0
TOTAL	8	0	0	8	8.0	836	13	1	850	867.9	0	0	0	0	0.0	148	6	0	154	161.8	41	0	0	41	41.0

PCU Factors:	
LIGHT	1.0
HEAVY	2.3
BUS	2.0



North Wales, Thursday 5th May 2022

Junction: 3  
Approach: The Kinmel



TIME	To A547 Rhuddlan Road (West)					To A55 (North)					To A547 Rhuddlan Road (East)					To McDonald's					To A55 (South)				
	LIGHT	HEAVY	BUS	TOTAL	PCUs	LIGHT	HEAVY	BUS	TOTAL	PCUs	LIGHT	HEAVY	BUS	TOTAL	PCUs	LIGHT	HEAVY	BUS	TOTAL	PCUs	LIGHT	HEAVY	BUS	TOTAL	PCUs
06:00 - 06:15	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0
06:15 - 06:30	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0
06:30 - 06:45	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0
06:45 - 07:00	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0
Hourly Total	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0
07:00 - 07:15	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0
07:15 - 07:30	0	1	0	1	2.3	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0
07:30 - 07:45	0	0	0	0	0.0	1	0	0	1	1.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0
07:45 - 08:00	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0
Hourly Total	0	1	0	1	2.3	1	0	0	1	1.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0
08:00 - 08:15	1	0	0	1	1.0	0	0	0	0	0.0	1	0	0	1	1.0	0	0	0	0	0.0	0	0	0	0	0.0
08:15 - 08:30	2	0	0	2	2.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0
08:30 - 08:45	0	0	0	0	0.0	0	0	0	0	0.0	0	1	0	1	2.3	0	0	0	0	0.0	0	0	0	0	0.0
08:45 - 09:00	1	0	0	1	1.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0
Hourly Total	4	0	0	4	4.0	0	0	0	0	0.0	1	1	0	2	3.3	0	0	0	0	0.0	0	0	0	0	0.0
09:00 - 09:15	1	0	0	1	1.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0
09:15 - 09:30	1	0	0	1	1.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0
09:30 - 09:45	0	0	0	0	0.0	1	0	0	1	1.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0
09:45 - 10:00	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0
Hourly Total	2	0	0	2	2.0	1	0	0	1	1.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0
TOTAL	6	1	0	7	8.3	2	0	0	2	2.0	1	1	0	2	3.3	0	0	0	0	0.0	0	0	0	0	0.0
16:00 - 16:15	1	0	0	1	1.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0	2	0	0	2	2.0
16:15 - 16:30	0	0	0	0	0.0	1	0	0	1	1.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0
16:30 - 16:45	1	0	0	1	1.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0
16:45 - 17:00	0	0	0	0	0.0	1	0	0	1	1.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0
Hourly Total	2	0	0	2	2.0	2	0	0	2	2.0	0	0	0	0	0.0	0	0	0	0	0.0	2	0	0	2	2.0
17:00 - 17:15	1	0	0	1	1.0	1	0	0	1	1.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0
17:15 - 17:30	0	0	0	0	0.0	0	0	0	0	0.0	1	0	0	1	1.0	0	0	0	0	0.0	0	0	0	0	0.0
17:30 - 17:45	0	0	0	0	0.0	2	0	0	2	2.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0
17:45 - 18:00	0	0	0	0	0.0	2	0	0	2	2.0	1	0	0	1	1.0	0	0	0	0	0.0	0	0	0	0	0.0
Hourly Total	1	0	0	1	1.0	5	0	0	5	5.0	2	0	0	2	2.0	0	0	0	0	0.0	0	0	0	0	0.0
18:00 - 18:15	2	0	0	2	2.0	1	0	0	1	1.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0
18:15 - 18:30	1	0	0	1	1.0	0	0	0	0	0.0	1	0	0	1	1.0	0	0	0	0	0.0	0	0	0	0	0.0
18:30 - 18:45	1	0	0	1	1.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0
18:45 - 19:00	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0
Hourly Total	4	0	0	4	4.0	1	0	0	1	1.0	1	0	0	1	1.0	0	0	0	0	0.0	0	0	0	0	0.0
19:00 - 19:15	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0
19:15 - 19:30	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0
19:30 - 19:45	1	0	0	1	1.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0
19:45 - 20:00	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0
Hourly Total	1	0	0	1	1.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0
TOTAL	8	0	0	8	8.0	8	0	0	8	8.0	3	0	0	3	3.0	0	0	0	0	0.0	2	0	0	2	2.0

PCU Factors:	
LIGHT	1.0
HEAVY	2.3
BUS	2.0



# North Wales, Thursday 5th May 2022

Junction: 3  
Approach: A547 Rhuddlan Road West



TIME	To A55 (North)					To A547 Rhuddlan Road (East)					To McDonald's					To A55 (South)					To The Kinmel				
	LIGHT	HEAVY	BUS	TOTAL	PCUs	LIGHT	HEAVY	BUS	TOTAL	PCUs	LIGHT	HEAVY	BUS	TOTAL	PCUs	LIGHT	HEAVY	BUS	TOTAL	PCUs	LIGHT	HEAVY	BUS	TOTAL	PCUs
06:00 - 06:15	3	0	0	3	3.0	7	0	0	7	7.0	1	0	0	1	1.0	26	0	0	26	26.0	0	0	0	0	0.0
06:15 - 06:30	2	0	0	2	2.0	10	0	0	10	10.0	1	0	0	1	1.0	21	0	0	21	21.0	0	0	0	0	0.0
06:30 - 06:45	8	0	0	8	8.0	23	0	0	23	23.0	3	0	0	3	3.0	30	0	0	30	30.0	3	0	0	3	3.0
06:45 - 07:00	6	0	0	6	6.0	15	3	0	18	21.9	3	0	0	3	3.0	51	0	0	51	51.0	0	0	0	0	0.0
Hourly Total	19	0	0	19	19.0	55	3	0	58	61.9	8	0	0	8	8.0	128	0	0	128	128.0	3	0	0	3	3.0
07:00 - 07:15	9	2	0	11	13.6	13	0	0	13	13.0	13	2	0	15	17.6	45	2	0	47	49.6	0	0	0	0	0.0
07:15 - 07:30	11	0	0	11	11.0	15	2	1	18	21.6	8	0	0	8	8.0	66	2	0	68	70.6	1	0	0	1	1.0
07:30 - 07:45	15	3	0	18	21.9	37	2	0	39	41.6	9	0	0	9	9.0	77	4	0	81	86.2	0	0	0	0	0.0
07:45 - 08:00	26	0	0	26	26.0	24	0	0	24	24.0	9	0	0	9	9.0	94	0	0	94	94.0	3	0	0	3	3.0
Hourly Total	61	5	0	66	72.5	89	4	1	94	100.2	39	2	0	41	43.6	282	8	0	290	300.4	4	0	0	4	4.0
08:00 - 08:15	30	2	0	32	34.6	45	3	1	49	53.9	12	0	0	12	12.0	96	3	0	99	102.9	2	0	0	2	2.0
08:15 - 08:30	33	1	0	34	35.3	61	2	1	64	67.6	14	0	0	14	14.0	75	2	0	77	79.6	2	0	0	2	2.0
08:30 - 08:45	27	1	0	28	29.3	40	3	2	45	50.9	20	0	0	20	20.0	77	1	0	78	79.3	0	0	0	0	0.0
08:45 - 09:00	23	0	0	23	23.0	51	2	2	55	59.6	23	0	0	23	23.0	72	2	1	75	78.6	0	0	0	0	0.0
Hourly Total	113	4	0	117	122.2	197	10	6	213	232.0	69	0	0	69	69.0	320	8	1	329	340.4	4	0	0	4	4.0
09:00 - 09:15	25	1	0	26	27.3	66	2	0	68	70.6	23	1	0	24	25.3	37	2	0	39	41.6	1	0	0	1	1.0
09:15 - 09:30	20	3	0	23	26.9	64	7	1	72	82.1	14	0	0	14	14.0	36	1	0	37	38.3	2	0	0	2	2.0
09:30 - 09:45	12	1	0	13	14.3	43	3	0	46	49.9	13	0	0	13	13.0	33	3	0	36	39.9	2	0	0	2	2.0
09:45 - 10:00	10	0	0	10	10.0	33	5	0	38	44.5	16	0	0	16	16.0	43	2	1	46	49.6	1	0	0	1	1.0
Hourly Total	67	5	0	72	78.5	206	17	1	224	247.1	66	1	0	67	68.3	149	8	1	158	169.4	6	0	0	6	6.0
TOTAL	260	14	0	274	292.2	547	34	8	589	641.2	182	3	0	185	188.9	879	24	2	905	938.2	17	0	0	17	17.0
16:00 - 16:15	16	0	0	16	16.0	32	5	0	37	43.5	21	0	0	21	21.0	38	1	0	39	40.3	2	0	0	2	2.0
16:15 - 16:30	20	1	0	21	22.3	48	5	0	53	59.5	18	0	0	18	18.0	46	2	1	49	52.6	1	0	0	1	1.0
16:30 - 16:45	22	0	0	22	22.0	66	3	1	70	74.9	21	0	0	21	21.0	57	0	0	57	57.0	1	0	0	1	1.0
16:45 - 17:00	29	0	1	30	31.0	54	3	1	58	62.9	16	0	0	16	16.0	65	0	0	65	65.0	2	0	0	2	2.0
Hourly Total	87	1	1	89	91.3	200	16	2	218	240.8	76	0	0	76	76.0	206	3	1	210	214.9	6	0	0	6	6.0
17:00 - 17:15	19	0	0	19	19.0	63	4	1	68	74.2	30	0	0	30	30.0	49	3	0	52	55.9	2	0	0	2	2.0
17:15 - 17:30	19	2	0	21	23.6	65	2	0	67	69.6	19	0	0	19	19.0	51	0	0	51	51.0	0	0	0	0	0.0
17:30 - 17:45	24	0	0	24	24.0	63	0	1	64	65.0	18	0	0	18	18.0	60	0	0	60	60.0	0	0	0	0	0.0
17:45 - 18:00	13	0	0	13	13.0	40	2	0	42	44.6	14	0	0	14	14.0	34	2	0	36	38.6	0	0	0	0	0.0
Hourly Total	75	2	0	77	79.6	231	8	2	241	253.4	81	0	0	81	81.0	194	5	0	199	205.5	2	0	0	2	2.0
18:00 - 18:15	21	1	0	22	23.3	52	1	0	53	54.3	18	1	0	19	20.3	27	1	0	28	29.3	0	0	0	0	0.0
18:15 - 18:30	11	0	0	11	11.0	38	2	1	41	44.6	12	0	0	12	12.0	33	1	0	34	35.3	0	0	0	0	0.0
18:30 - 18:45	14	1	0	15	16.3	36	0	0	36	36.0	17	0	0	17	17.0	29	0	0	29	29.0	0	0	0	0	0.0
18:45 - 19:00	12	0	0	12	12.0	35	0	0	35	35.0	20	0	0	20	20.0	29	0	0	29	29.0	0	0	0	0	0.0
Hourly Total	58	2	0	60	62.6	161	3	1	165	169.9	67	1	0	68	69.3	118	2	0	120	122.6	0	0	0	0	0.0
19:00 - 19:15	8	0	0	8	8.0	34	0	0	34	34.0	9	0	0	9	9.0	22	0	0	22	22.0	0	0	0	0	0.0
19:15 - 19:30	10	0	0	10	10.0	31	0	1	32	33.0	17	0	0	17	17.0	23	2	0	25	27.6	0	0	0	0	0.0
19:30 - 19:45	8	0	0	8	8.0	27	0	0	27	27.0	13	0	0	13	13.0	16	1	0	17	18.3	0	0	0	0	0.0
19:45 - 20:00	8	0	0	8	8.0	35	0	0	35	35.0	12	0	0	12	12.0	18	2	0	20	22.6	0	0	0	0	0.0
Hourly Total	34	0	0	34	34.0	127	0	1	128	129.0	51	0	0	51	51.0	79	5	0	84	90.5	0	0	0	0	0.0
TOTAL	254	5	1	260	267.5	719	27	6	752	793.1	275	1	0	276	277.3	597	15	1	613	633.5	8	0	0	8	8.0

PCU Factors:	
LIGHT	1.0
HEAVY	2.3
BUS	2.0



# North Wales, Thursday 5th May 2022

From: 1) 06:00

Show Peak Hour: ☐

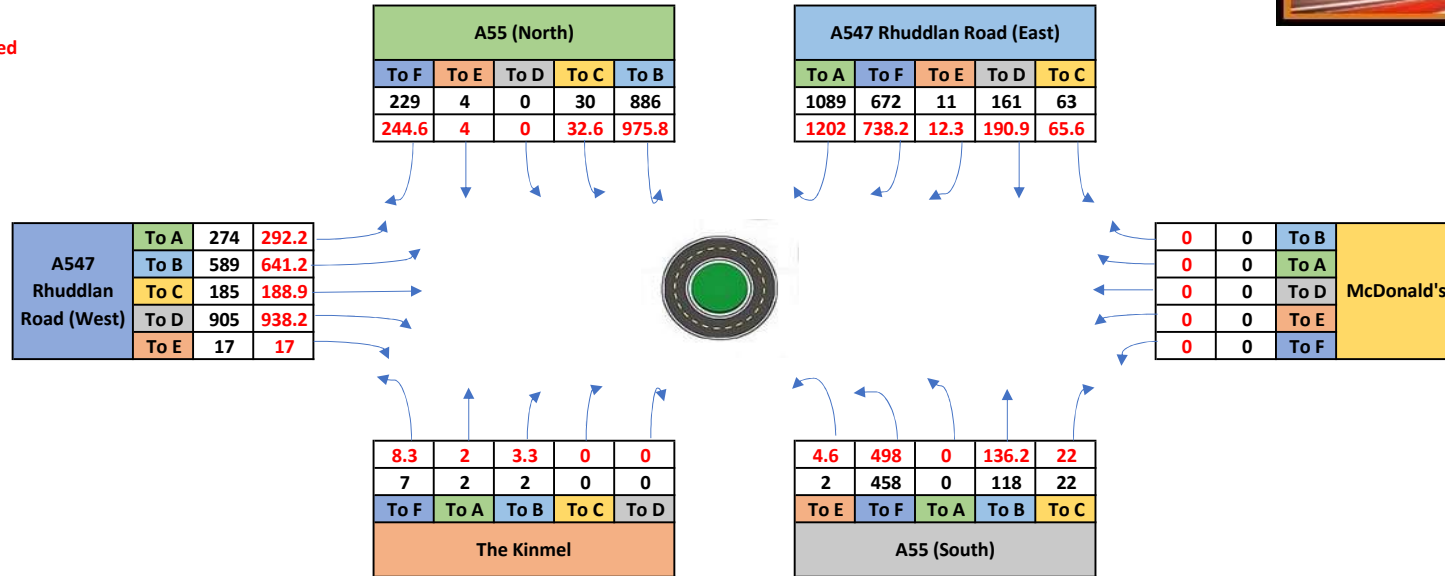
To: 1) 10:00

Show PCUs: ☒

Class: All Vehicles

Show Session 2

PCUs in red





# North Wales, Thursday 5th May 2022

Junction: 5  
Approach: A548 North



TIME	Left to B5381 Roman Road (East)					Ahead to A548 (South)					Right to B5381 Roman Road (West)				
	LIGHT	HEAVY	BUS	TOTAL	PCUs	LIGHT	HEAVY	BUS	TOTAL	PCUs	LIGHT	HEAVY	BUS	TOTAL	PCUs
06:00 - 06:15	2	0	0	2	2.0	4	0	0	4	4.0	0	0	0	0	0.0
06:15 - 06:30	0	0	0	0	0.0	3	1	0	4	5.3	1	0	0	1	1.0
06:30 - 06:45	0	0	0	0	0.0	2	1	0	3	4.3	1	1	0	2	3.3
06:45 - 07:00	0	0	0	0	0.0	7	2	0	9	11.6	0	1	0	1	2.3
Hourly Total	2	0	0	2	2.0	16	4	0	20	25.2	2	2	0	4	6.6
07:00 - 07:15	2	0	0	2	2.0	5	1	0	6	7.3	0	0	0	0	0.0
07:15 - 07:30	2	0	0	2	2.0	4	1	1	6	8.3	1	0	0	1	1.0
07:30 - 07:45	0	0	0	0	0.0	8	1	0	9	10.3	6	0	0	6	6.0
07:45 - 08:00	5	0	0	5	5.0	10	1	1	12	14.3	2	0	0	2	2.0
Hourly Total	9	0	0	9	9.0	27	4	2	33	40.2	9	0	0	9	9.0
08:00 - 08:15	5	0	0	5	5.0	15	3	0	18	21.9	5	0	0	5	5.0
08:15 - 08:30	5	0	0	5	5.0	14	0	0	14	14.0	4	0	0	4	4.0
08:30 - 08:45	3	1	0	4	5.3	21	5	1	27	34.5	2	0	0	2	2.0
08:45 - 09:00	0	0	0	0	0.0	20	2	0	22	24.6	6	0	0	6	6.0
Hourly Total	13	1	0	14	15.3	70	10	1	81	95.0	17	0	0	17	17.0
09:00 - 09:15	3	0	0	3	3.0	11	2	0	13	15.6	4	2	0	6	8.6
09:15 - 09:30	5	0	0	5	5.0	18	1	0	19	20.3	12	2	0	14	16.6
09:30 - 09:45	6	0	0	6	6.0	18	2	0	20	22.6	1	1	0	2	3.3
09:45 - 10:00	4	0	0	4	4.0	13	2	0	15	17.6	2	0	0	2	2.0
Hourly Total	18	0	0	18	18.0	60	7	0	67	76.1	19	5	0	24	30.5

PCU Factors:	
LIGHT	1.0
HEAVY	2.3
BUS	2.0

TOTAL	42	1	0	43	44.3	173	25	3	201	236.5	47	7	0	54	63.1
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16:00 - 16:15	9	0	0	9	9.0	20	1	0	21	22.3	4	0	0	4	4.0
16:15 - 16:30	7	0	0	7	7.0	6	0	0	6	6.0	4	1	0	5	6.3
16:30 - 16:45	14	0	0	14	14.0	28	0	0	28	28.0	5	0	0	5	5.0
16:45 - 17:00	8	2	0	10	12.6	24	2	0	26	28.6	9	0	0	9	9.0
Hourly Total	38	2	0	40	42.6	78	3	0	81	84.9	22	1	0	23	24.3
17:00 - 17:15	9	0	0	9	9.0	29	2	0	31	33.6	8	0	0	8	8.0
17:15 - 17:30	10	0	0	10	10.0	26	0	0	26	26.0	5	0	0	5	5.0
17:30 - 17:45	0	0	0	0	0.0	24	1	1	26	28.3	3	0	0	3	3.0
17:45 - 18:00	5	0	0	5	5.0	23	0	0	23	23.0	9	0	0	9	9.0
Hourly Total	24	0	0	24	24.0	102	3	1	106	110.9	25	0	0	25	25.0
18:00 - 18:15	2	1	0	3	4.3	17	2	0	19	21.6	3	0	0	3	3.0
18:15 - 18:30	8	0	0	8	8.0	13	0	0	13	13.0	4	0	0	4	4.0
18:30 - 18:45	2	0	0	2	2.0	10	0	0	10	10.0	3	0	0	3	3.0
18:45 - 19:00	4	0	0	4	4.0	28	1	0	29	30.3	3	0	0	3	3.0
Hourly Total	16	1	0	17	18.3	68	3	0	71	74.9	13	0	0	13	13.0
19:00 - 19:15	6	0	0	6	6.0	21	0	0	21	21.0	4	0	0	4	4.0
19:15 - 19:30	4	0	0	4	4.0	19	0	0	19	19.0	3	1	0	4	5.3
19:30 - 19:45	3	0	0	3	3.0	19	1	0	20	21.3	2	0	0	2	2.0
19:45 - 20:00	1	0	0	1	1.0	8	0	0	8	8.0	1	0	0	1	1.0
Hourly Total	14	0	0	14	14.0	67	1	0	68	69.3	10	1	0	11	12.3

TOTAL	92	3	0	95	98.9	315	10	1	326	340.0	70	2	0	72	74.6
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# North Wales, Thursday 5th May 2022

Junction: 5  
Approach: B5381 Roman Road East



TIME	Left to A548 (South)					Ahead to B5381 Roman Road (West)					Right to A548 (North)				
	LIGHT	HEAVY	BUS	TOTAL	PCUs	LIGHT	HEAVY	BUS	TOTAL	PCUs	LIGHT	HEAVY	BUS	TOTAL	PCUs
06:00 - 06:15	2	0	0	2	2.0	1	0	0	1	1.0	0	1	0	1	2.3
06:15 - 06:30	0	0	0	0	0.0	0	0	0	0	0.0	1	0	0	1	1.0
06:30 - 06:45	1	0	0	1	1.0	1	0	0	1	1.0	0	0	0	0	0.0
06:45 - 07:00	2	0	0	2	2.0	1	0	0	1	1.0	0	0	0	0	0.0
Hourly Total	5	0	0	5	5.0	3	0	0	3	3.0	1	1	0	2	3.3
07:00 - 07:15	1	0	0	1	1.0	0	0	0	0	0.0	1	1	0	2	3.3
07:15 - 07:30	1	0	0	1	1.0	1	0	0	1	1.0	4	0	0	4	4.0
07:30 - 07:45	7	0	0	7	7.0	1	0	0	1	1.0	4	0	0	4	4.0
07:45 - 08:00	5	0	0	5	5.0	1	0	0	1	1.0	2	0	0	2	2.0
Hourly Total	14	0	0	14	14.0	3	0	0	3	3.0	11	1	0	12	13.3
08:00 - 08:15	7	1	0	8	9.3	5	0	0	5	5.0	3	0	0	3	3.0
08:15 - 08:30	6	1	0	7	8.3	3	1	0	4	5.3	10	0	0	10	10.0
08:30 - 08:45	8	0	0	8	8.0	4	0	0	4	4.0	9	0	0	9	9.0
08:45 - 09:00	9	1	0	10	11.3	5	0	0	5	5.0	9	0	0	9	9.0
Hourly Total	30	3	0	33	36.9	17	1	0	18	19.3	31	0	0	31	31.0
09:00 - 09:15	6	0	0	6	6.0	5	0	0	5	5.0	2	1	0	3	4.3
09:15 - 09:30	13	0	0	13	13.0	2	2	0	4	6.6	9	0	0	9	9.0
09:30 - 09:45	5	0	0	5	5.0	3	0	0	3	3.0	8	0	0	8	8.0
09:45 - 10:00	8	0	0	8	8.0	2	0	0	2	2.0	8	1	0	9	10.3
Hourly Total	32	0	0	32	32.0	12	2	0	14	16.6	27	2	0	29	31.6

PCU Factors:	
LIGHT	1.0
HEAVY	2.3
BUS	2.0

TOTAL	81	3	0	84	87.9	35	3	0	38	41.9	70	4	0	74	79.2
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16:00 - 16:15	15	1	0	16	17.3	8	2	0	10	12.6	7	0	0	7	7.0
16:15 - 16:30	20	1	0	21	22.3	4	1	0	5	6.3	5	0	0	5	5.0
16:30 - 16:45	13	0	0	13	13.0	8	0	0	8	8.0	9	0	0	9	9.0
16:45 - 17:00	14	0	0	14	14.0	7	0	0	7	7.0	4	0	0	4	4.0
Hourly Total	62	2	0	64	66.6	27	3	0	30	33.9	25	0	0	25	25.0
17:00 - 17:15	20	0	0	20	20.0	7	0	0	7	7.0	7	2	0	9	11.6
17:15 - 17:30	26	0	0	26	26.0	6	0	0	6	6.0	6	0	0	6	6.0
17:30 - 17:45	14	2	0	16	18.6	7	0	0	7	7.0	2	0	0	2	2.0
17:45 - 18:00	16	1	0	17	18.3	7	0	0	7	7.0	8	0	0	8	8.0
Hourly Total	76	3	0	79	82.9	27	0	0	27	27.0	23	2	0	25	27.6
18:00 - 18:15	13	1	0	14	15.3	5	0	0	5	5.0	2	0	0	2	2.0
18:15 - 18:30	10	0	0	10	10.0	6	1	0	7	8.3	5	0	0	5	5.0
18:30 - 18:45	7	0	0	7	7.0	3	0	0	3	3.0	6	1	0	7	8.3
18:45 - 19:00	12	0	0	12	12.0	0	0	0	0	0.0	2	0	0	2	2.0
Hourly Total	42	1	0	43	44.3	14	1	0	15	16.3	15	1	0	16	17.3
19:00 - 19:15	9	0	0	9	9.0	2	0	0	2	2.0	1	0	0	1	1.0
19:15 - 19:30	9	0	0	9	9.0	2	0	0	2	2.0	8	0	0	8	8.0
19:30 - 19:45	5	1	0	6	7.3	0	0	0	0	0.0	2	0	0	2	2.0
19:45 - 20:00	7	1	0	8	9.3	0	1	0	1	2.3	1	0	0	1	1.0
Hourly Total	30	2	0	32	34.6	4	1	0	5	6.3	12	0	0	12	12.0

TOTAL	210	8	0	218	228.4	72	5	0	77	83.5	75	3	0	78	81.9
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# North Wales, Thursday 5th May 2022

Junction: 5  
Approach: A548 South



TIME	Left to B5381 Roman Road (West)					Ahead to A548 (North)					Right to B5381 Roman Road (East)				
	LIGHT	HEAVY	BUS	TOTAL	PCUs	LIGHT	HEAVY	BUS	TOTAL	PCUs	LIGHT	HEAVY	BUS	TOTAL	PCUs
06:00 - 06:15	0	0	0	0	0.0	5	1	0	6	7.3	1	0	0	1	1.0
06:15 - 06:30	0	0	0	0	0.0	2	0	0	2	2.0	7	0	0	7	7.0
06:30 - 06:45	0	0	0	0	0.0	11	0	0	11	11.0	4	0	0	4	4.0
06:45 - 07:00	0	0	0	0	0.0	6	0	0	6	6.0	3	0	0	3	3.0
Hourly Total	0	0	0	0	0.0	24	1	0	25	26.3	15	0	0	15	15.0
07:00 - 07:15	0	0	0	0	0.0	12	3	0	15	18.9	7	0	0	7	7.0
07:15 - 07:30	0	0	0	0	0.0	14	0	0	14	14.0	1	1	0	2	3.3
07:30 - 07:45	1	0	0	1	1.0	17	1	0	18	19.3	16	0	0	16	16.0
07:45 - 08:00	2	0	0	2	2.0	29	0	0	29	29.0	16	0	0	16	16.0
Hourly Total	3	0	0	3	3.0	72	4	0	76	81.2	40	1	0	41	42.3
08:00 - 08:15	0	0	0	0	0.0	23	0	1	24	25.0	18	0	0	18	18.0
08:15 - 08:30	0	1	1	2	4.3	33	0	0	33	33.0	11	0	0	11	11.0
08:30 - 08:45	0	0	0	0	0.0	24	2	0	26	28.6	15	0	0	15	15.0
08:45 - 09:00	1	0	0	1	1.0	20	2	0	22	24.6	13	0	0	13	13.0
Hourly Total	1	1	1	3	5.3	100	4	1	105	111.2	57	0	0	57	57.0
09:00 - 09:15	3	0	0	3	3.0	27	2	0	29	31.6	13	0	0	13	13.0
09:15 - 09:30	0	0	0	0	0.0	18	3	0	21	24.9	3	0	0	3	3.0
09:30 - 09:45	0	0	0	0	0.0	13	2	1	16	19.6	13	2	0	15	17.6
09:45 - 10:00	1	0	0	1	1.0	16	0	0	16	16.0	14	1	0	15	16.3
Hourly Total	4	0	0	4	4.0	74	7	1	82	92.1	43	3	0	46	49.9

TOTAL	8	1	1	10	12.3	270	16	2	288	310.8	155	4	0	159	164.2
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16:00 - 16:15	3	0	0	3	3.0	21	1	0	22	23.3	11	0	0	11	11.0
16:15 - 16:30	1	0	0	1	1.0	13	4	1	18	24.2	6	0	0	6	6.0
16:30 - 16:45	1	0	0	1	1.0	29	1	1	31	33.3	20	1	0	21	22.3
16:45 - 17:00	2	0	0	2	2.0	17	4	0	21	26.2	11	1	0	12	13.3
Hourly Total	7	0	0	7	7.0	80	10	2	92	107.0	48	2	0	50	52.6
17:00 - 17:15	2	0	0	2	2.0	24	0	0	24	24.0	8	0	0	8	8.0
17:15 - 17:30	1	0	0	1	1.0	19	0	0	19	19.0	6	0	0	6	6.0
17:30 - 17:45	1	0	0	1	1.0	21	1	0	22	23.3	6	0	1	7	8.0
17:45 - 18:00	0	0	0	0	0.0	12	0	0	12	12.0	6	0	0	6	6.0
Hourly Total	4	0	0	4	4.0	76	1	0	77	78.3	26	0	1	27	28.0
18:00 - 18:15	1	0	0	1	1.0	13	1	0	14	15.3	5	1	0	6	7.3
18:15 - 18:30	2	0	0	2	2.0	12	1	0	13	14.3	8	0	0	8	8.0
18:30 - 18:45	0	0	0	0	0.0	8	1	0	9	10.3	6	2	0	8	10.6
18:45 - 19:00	0	0	0	0	0.0	11	0	0	11	11.0	4	0	0	4	4.0
Hourly Total	3	0	0	3	3.0	44	3	0	47	50.9	23	3	0	26	29.9
19:00 - 19:15	0	0	0	0	0.0	15	0	0	15	15.0	3	0	0	3	3.0
19:15 - 19:30	0	0	0	0	0.0	12	0	0	12	12.0	6	0	0	6	6.0
19:30 - 19:45	0	0	0	0	0.0	7	0	0	7	7.0	6	0	0	6	6.0
19:45 - 20:00	1	0	0	1	1.0	8	0	0	8	8.0	2	0	0	2	2.0
Hourly Total	1	0	0	1	1.0	42	0	0	42	42.0	17	0	0	17	17.0

TOTAL	15	0	0	15	15.0	242	14	2	258	278.2	114	5	1	120	127.5
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PCU Factors:	
LIGHT	1.0
HEAVY	2.3
BUS	2.0



# North Wales, Thursday 5th May 2022

Junction: 5  
Approach: B5381 Roman Road West



TIME	Left to A548 (North)					Ahead to B5381 Roman Road (East)					Right to A548 (South)				
	LIGHT	HEAVY	BUS	TOTAL	PCUs	LIGHT	HEAVY	BUS	TOTAL	PCUs	LIGHT	HEAVY	BUS	TOTAL	PCUs
06:00 - 06:15	1	0	0	1	1.0	2	0	0	2	2.0	0	0	0	0	0.0
06:15 - 06:30	2	0	0	2	2.0	3	0	0	3	3.0	0	0	0	0	0.0
06:30 - 06:45	2	0	0	2	2.0	4	0	0	4	4.0	0	0	0	0	0.0
06:45 - 07:00	2	1	0	3	4.3	0	0	0	0	0.0	1	0	0	1	1.0
Hourly Total	7	1	0	8	9.3	9	0	0	9	9.0	1	0	0	1	1.0
07:00 - 07:15	1	1	0	2	3.3	3	0	0	3	3.0	0	0	0	0	0.0
07:15 - 07:30	2	0	0	2	2.0	3	0	0	3	3.0	0	0	0	0	0.0
07:30 - 07:45	4	0	0	4	4.0	3	0	0	3	3.0	1	0	0	1	1.0
07:45 - 08:00	1	0	0	1	1.0	4	0	0	4	4.0	0	0	0	0	0.0
Hourly Total	8	1	0	9	10.3	13	0	0	13	13.0	1	0	0	1	1.0
08:00 - 08:15	5	0	0	5	5.0	6	0	0	6	6.0	0	0	0	0	0.0
08:15 - 08:30	3	0	0	3	3.0	3	0	0	3	3.0	3	0	0	3	3.0
08:30 - 08:45	2	1	0	3	4.3	3	0	0	3	3.0	1	0	0	1	1.0
08:45 - 09:00	5	0	0	5	5.0	1	0	0	1	1.0	0	0	0	0	0.0
Hourly Total	15	1	0	16	17.3	13	0	0	13	13.0	4	0	0	4	4.0
09:00 - 09:15	5	0	0	5	5.0	5	0	0	5	5.0	1	0	0	1	1.0
09:15 - 09:30	2	0	0	2	2.0	5	0	0	5	5.0	1	0	0	1	1.0
09:30 - 09:45	4	0	0	4	4.0	4	0	0	4	4.0	0	0	0	0	0.0
09:45 - 10:00	4	1	0	5	6.3	4	1	0	5	6.3	3	0	0	3	3.0
Hourly Total	15	1	0	16	17.3	18	1	0	19	20.3	5	0	0	5	5.0

PCU Factors:	
LIGHT	1.0
HEAVY	2.3
BUS	2.0

TOTAL	45	4	0	49	54.2	53	1	0	54	55.3	11	0	0	11	11.0
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16:00 - 16:15	2	1	0	3	4.3	6	0	0	6	6.0	1	0	1	2	3.0
16:15 - 16:30	3	0	0	3	3.0	3	0	0	3	3.0	0	0	0	0	0.0
16:30 - 16:45	1	1	0	2	3.3	5	0	0	5	5.0	0	0	0	0	0.0
16:45 - 17:00	2	1	0	3	4.3	6	0	0	6	6.0	1	0	0	1	1.0
Hourly Total	8	3	0	11	14.9	20	0	0	20	20.0	2	0	1	3	4.0
17:00 - 17:15	4	0	0	4	4.0	7	0	0	7	7.0	0	0	0	0	0.0
17:15 - 17:30	5	0	0	5	5.0	4	0	0	4	4.0	1	0	0	1	1.0
17:30 - 17:45	6	0	0	6	6.0	5	0	0	5	5.0	0	0	0	0	0.0
17:45 - 18:00	3	0	0	3	3.0	2	0	0	2	2.0	1	1	0	2	3.3
Hourly Total	18	0	0	18	18.0	18	0	0	18	18.0	2	1	0	3	4.3
18:00 - 18:15	3	0	0	3	3.0	6	0	0	6	6.0	0	0	0	0	0.0
18:15 - 18:30	5	0	0	5	5.0	5	0	0	5	5.0	1	0	0	1	1.0
18:30 - 18:45	5	1	0	6	7.3	3	0	0	3	3.0	1	1	0	2	3.3
18:45 - 19:00	4	1	0	5	6.3	4	0	0	4	4.0	0	1	0	1	2.3
Hourly Total	17	2	0	19	21.6	18	0	0	18	18.0	2	2	0	4	6.6
19:00 - 19:15	0	0	0	0	0.0	0	0	0	0	0.0	0	1	0	1	2.3
19:15 - 19:30	6	0	0	6	6.0	2	0	0	2	2.0	0	0	0	0	0.0
19:30 - 19:45	2	0	0	2	2.0	2	0	0	2	2.0	2	1	0	3	4.3
19:45 - 20:00	1	1	0	2	3.3	4	1	0	5	6.3	0	0	0	0	0.0
Hourly Total	9	1	0	10	11.3	8	1	0	9	10.3	2	2	0	4	6.6

TOTAL	52	6	0	58	65.8	64	1	0	65	66.3	8	5	1	14	21.5
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North Wales, Thursday 5th May 2022

From: 1) 06:00 ▾

To: 1) 10:00 ▾

Class: All Vehicles ▾

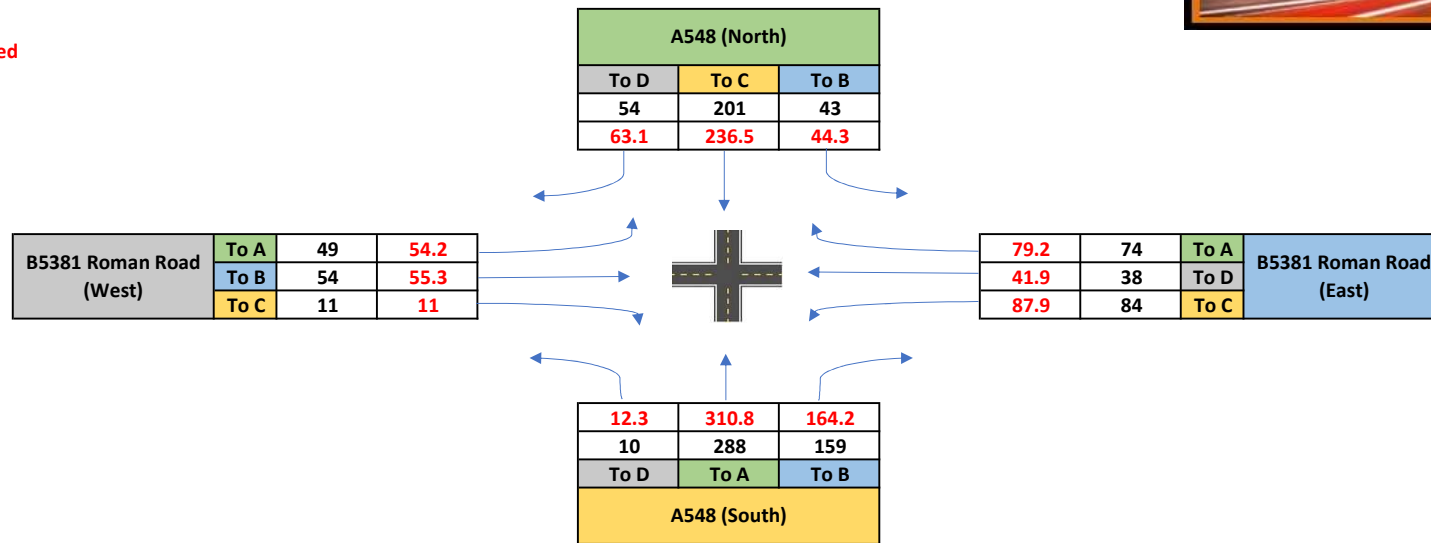
Show Peak Hour: ☐

Show PCUs: ☒

Show Session 2



PCUs in red





## North Wales, Wednesday 4th May 2022

Junction: 6  
Approach: B5381 Glascoed Road



TIME	Left to B5381					Ahead to Glascoed Road				
	LIGHT	HEAVY	BUS	TOTAL	PCUs	LIGHT	HEAVY	BUS	TOTAL	PCUs
06:00 - 06:15	0	0	0	0	0.0	0	0	0	0	0.0
06:15 - 06:30	1	0	0	1	1.0	0	0	0	0	0.0
06:30 - 06:45	2	0	0	2	2.0	2	0	0	2	2.0
06:45 - 07:00	3	0	0	3	3.0	1	0	0	1	1.0
Hourly Total	6	0	0	6	6.0	3	0	0	3	3.0
07:00 - 07:15	0	0	0	0	0.0	3	0	0	3	3.0
07:15 - 07:30	4	0	1	5	6.0	2	0	0	2	2.0
07:30 - 07:45	4	0	0	4	4.0	3	0	0	3	3.0
07:45 - 08:00	5	0	0	5	5.0	7	0	0	7	7.0
Hourly Total	13	0	1	14	15.0	15	0	0	15	15.0
08:00 - 08:15	5	0	0	5	5.0	6	1	0	7	8.3
08:15 - 08:30	16	0	0	16	16.0	10	0	0	10	10.0
08:30 - 08:45	15	1	0	16	17.3	13	1	0	14	15.3
08:45 - 09:00	14	0	0	14	14.0	12	1	0	13	14.3
Hourly Total	50	1	0	51	52.3	41	3	0	44	47.9
09:00 - 09:15	4	0	0	4	4.0	3	0	0	3	3.0
09:15 - 09:30	7	0	0	7	7.0	5	0	0	5	5.0
09:30 - 09:45	6	0	0	6	6.0	5	0	0	5	5.0
09:45 - 10:00	4	1	0	5	6.3	2	0	0	2	2.0
Hourly Total	21	1	0	22	23.3	15	0	0	15	15.0

TOTAL	90	2	1	93	96.6	74	3	0	77	80.9
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16:00 - 16:15	7	0	0	7	7.0	8	0	0	8	8.0
16:15 - 16:30	12	2	0	14	16.6	3	0	0	3	3.0
16:30 - 16:45	11	0	0	11	11.0	6	0	0	6	6.0
16:45 - 17:00	9	0	0	9	9.0	2	0	0	2	2.0
Hourly Total	39	2	0	41	43.6	19	0	0	19	19.0
17:00 - 17:15	17	0	0	17	17.0	5	0	0	5	5.0
17:15 - 17:30	16	1	0	17	18.3	4	0	0	4	4.0
17:30 - 17:45	8	0	0	8	8.0	3	0	0	3	3.0
17:45 - 18:00	5	0	0	5	5.0	2	0	0	2	2.0
Hourly Total	46	1	0	47	48.3	14	0	0	14	14.0
18:00 - 18:15	8	0	0	8	8.0	3	0	0	3	3.0
18:15 - 18:30	3	0	0	3	3.0	2	0	0	2	2.0
18:30 - 18:45	5	0	0	5	5.0	2	0	0	2	2.0
18:45 - 19:00	2	0	0	2	2.0	0	0	0	0	0.0
Hourly Total	18	0	0	18	18.0	7	0	0	7	7.0
19:00 - 19:15	1	0	0	1	1.0	5	0	0	5	5.0
19:15 - 19:30	1	0	0	1	1.0	1	0	0	1	1.0
19:30 - 19:45	2	0	0	2	2.0	1	0	0	1	1.0
19:45 - 20:00	5	0	0	5	5.0	2	0	0	2	2.0
Hourly Total	9	0	0	9	9.0	9	0	0	9	9.0

TOTAL	112	3	0	115	118.9	49	0	0	49	49.0
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PCU Factors:	
LIGHT	1.0
HEAVY	2.3
BUS	2.0



# North Wales, Wednesday 4th May 2022

Junction: 6  
Approach: B5381



TIME	Left to Glascoed Road					Right to B5381 Glascoed Road				
	LIGHT	HEAVY	BUS	TOTAL	PCUs	LIGHT	HEAVY	BUS	TOTAL	PCUs
06:00 - 06:15	0	0	0	0	0.0	0	0	0	0	0.0
06:15 - 06:30	0	0	0	0	0.0	2	0	0	2	2.0
06:30 - 06:45	2	0	0	2	2.0	2	0	0	2	2.0
06:45 - 07:00	4	0	0	4	4.0	2	0	0	2	2.0
Hourly Total	6	0	0	6	6.0	6	0	0	6	6.0
07:00 - 07:15	3	0	0	3	3.0	1	0	0	1	1.0
07:15 - 07:30	6	0	0	6	6.0	3	0	0	3	3.0
07:30 - 07:45	4	0	0	4	4.0	11	0	0	11	11.0
07:45 - 08:00	5	0	0	5	5.0	7	0	0	7	7.0
Hourly Total	18	0	0	18	18.0	22	0	0	22	22.0
08:00 - 08:15	6	0	0	6	6.0	5	0	0	5	5.0
08:15 - 08:30	7	0	0	7	7.0	5	0	0	5	5.0
08:30 - 08:45	5	0	0	5	5.0	7	0	0	7	7.0
08:45 - 09:00	2	0	0	2	2.0	10	1	0	11	12.3
Hourly Total	20	0	0	20	20.0	27	1	0	28	29.3
09:00 - 09:15	5	0	0	5	5.0	6	0	0	6	6.0
09:15 - 09:30	5	0	0	5	5.0	7	0	0	7	7.0
09:30 - 09:45	2	0	0	2	2.0	8	2	0	10	12.6
09:45 - 10:00	3	0	0	3	3.0	3	0	0	3	3.0
Hourly Total	15	0	0	15	15.0	24	2	0	26	28.6

PCU Factors:	
LIGHT	1.0
HEAVY	2.3
BUS	2.0

TOTAL	59	0	0	59	59.0	79	3	0	82	85.9
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16:00 - 16:15	2	0	0	2	2.0	3	0	0	3	3.0
16:15 - 16:30	1	0	0	1	1.0	7	0	0	7	7.0
16:30 - 16:45	4	0	0	4	4.0	11	0	1	12	13.0
16:45 - 17:00	7	0	0	7	7.0	8	0	0	8	8.0
Hourly Total	14	0	0	14	14.0	29	0	1	30	31.0
17:00 - 17:15	1	0	0	1	1.0	7	0	0	7	7.0
17:15 - 17:30	8	0	0	8	8.0	5	0	0	5	5.0
17:30 - 17:45	6	0	0	6	6.0	5	0	0	5	5.0
17:45 - 18:00	3	0	0	3	3.0	3	0	0	3	3.0
Hourly Total	18	0	0	18	18.0	20	0	0	20	20.0
18:00 - 18:15	1	0	0	1	1.0	2	0	0	2	2.0
18:15 - 18:30	2	0	0	2	2.0	6	0	0	6	6.0
18:30 - 18:45	2	0	0	2	2.0	5	0	0	5	5.0
18:45 - 19:00	0	0	0	0	0.0	2	0	0	2	2.0
Hourly Total	5	0	0	5	5.0	15	0	0	15	15.0
19:00 - 19:15	2	0	0	2	2.0	4	0	0	4	4.0
19:15 - 19:30	1	0	0	1	1.0	2	0	0	2	2.0
19:30 - 19:45	0	0	0	0	0.0	2	0	0	2	2.0
19:45 - 20:00	1	0	0	1	1.0	3	0	0	3	3.0
Hourly Total	4	0	0	4	4.0	11	0	0	11	11.0

TOTAL	41	0	0	41	41.0	75	0	1	76	77.0
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# North Wales, Wednesday 4th May 2022

Junction: 6  
Approach: Glascoed Road



TIME	Ahead to B5381 Glascoed Road					Right to B5381				
	LIGHT	HEAVY	BUS	TOTAL	PCUs	LIGHT	HEAVY	BUS	TOTAL	PCUs
06:00 - 06:15	1	0	0	1	1.0	0	0	0	0	0.0
06:15 - 06:30	1	0	0	1	1.0	1	0	0	1	1.0
06:30 - 06:45	0	0	0	0	0.0	0	0	0	0	0.0
06:45 - 07:00	0	0	0	0	0.0	0	0	0	0	0.0
Hourly Total	2	0	0	2	2.0	1	0	0	1	1.0
07:00 - 07:15	2	0	0	2	2.0	2	0	0	2	2.0
07:15 - 07:30	2	0	0	2	2.0	0	0	0	0	0.0
07:30 - 07:45	1	0	0	1	1.0	1	0	0	1	1.0
07:45 - 08:00	8	0	0	8	8.0	7	0	0	7	7.0
Hourly Total	13	0	0	13	13.0	10	0	0	10	10.0
08:00 - 08:15	4	0	0	4	4.0	7	0	0	7	7.0
08:15 - 08:30	3	0	0	3	3.0	4	0	0	4	4.0
08:30 - 08:45	3	0	0	3	3.0	4	0	0	4	4.0
08:45 - 09:00	3	0	0	3	3.0	10	0	0	10	10.0
Hourly Total	13	0	0	13	13.0	25	0	0	25	25.0
09:00 - 09:15	5	0	0	5	5.0	3	0	0	3	3.0
09:15 - 09:30	5	0	0	5	5.0	3	0	0	3	3.0
09:30 - 09:45	4	0	0	4	4.0	0	0	0	0	0.0
09:45 - 10:00	3	0	0	3	3.0	1	1	0	2	3.3
Hourly Total	17	0	0	17	17.0	7	1	0	8	9.3

TOTAL	45	0	0	45	45.0	43	1	0	44	45.3
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16:00 - 16:15	4	0	0	4	4.0	5	0	0	5	5.0
16:15 - 16:30	2	0	0	2	2.0	3	0	0	3	3.0
16:30 - 16:45	4	0	0	4	4.0	7	0	0	7	7.0
16:45 - 17:00	4	0	0	4	4.0	7	0	0	7	7.0
Hourly Total	14	0	0	14	14.0	22	0	0	22	22.0
17:00 - 17:15	6	0	0	6	6.0	4	0	0	4	4.0
17:15 - 17:30	7	0	0	7	7.0	9	0	0	9	9.0
17:30 - 17:45	4	0	0	4	4.0	8	0	0	8	8.0
17:45 - 18:00	3	0	0	3	3.0	7	0	0	7	7.0
Hourly Total	20	0	0	20	20.0	28	0	0	28	28.0
18:00 - 18:15	2	0	0	2	2.0	2	0	0	2	2.0
18:15 - 18:30	2	0	0	2	2.0	4	0	0	4	4.0
18:30 - 18:45	1	0	0	1	1.0	5	0	0	5	5.0
18:45 - 19:00	0	0	0	0	0.0	1	0	0	1	1.0
Hourly Total	5	0	0	5	5.0	12	0	0	12	12.0
19:00 - 19:15	2	0	0	2	2.0	3	0	0	3	3.0
19:15 - 19:30	3	0	0	3	3.0	3	0	0	3	3.0
19:30 - 19:45	1	0	0	1	1.0	2	0	0	2	2.0
19:45 - 20:00	0	0	0	0	0.0	2	0	0	2	2.0
Hourly Total	6	0	0	6	6.0	10	0	0	10	10.0

TOTAL	45	0	0	45	45.0	72	0	0	72	72.0
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PCU Factors:	
LIGHT	1.0
HEAVY	2.3
BUS	2.0



North Wales, Wednesday 4th May 2022

From:

1) 06:00

To:

1) 10:00

Class:

All Vehicles

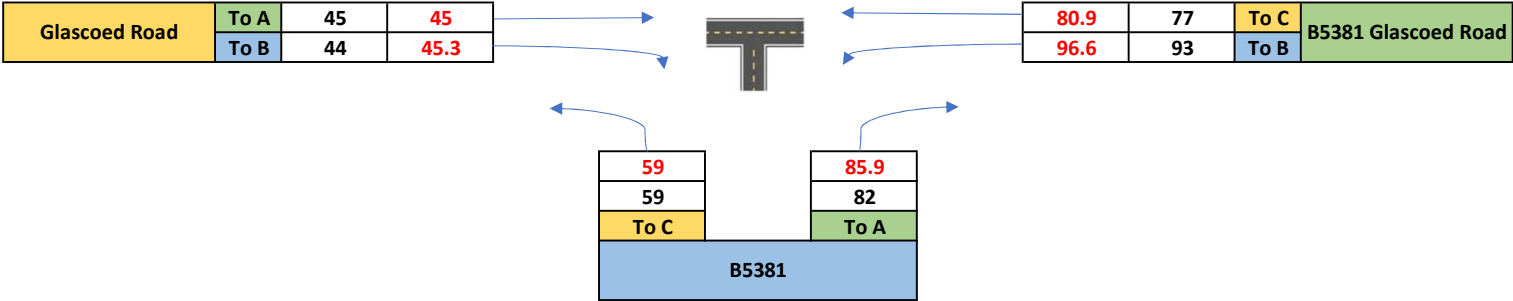
Show Peak Hour:

Show PCUs:

Show Session 2



PCUs in red





# North Wales, Wednesday 4th May 2022

Junction: 8  
Approach: Tyddyn Isaf Park



TIME	Left to A55 (East)					Ahead to Ffordd William Morgan					Right to A55 (West)				
	LIGHT	HEAVY	BUS	TOTAL	PCUs	LIGHT	HEAVY	BUS	TOTAL	PCUs	LIGHT	HEAVY	BUS	TOTAL	PCUs
06:00 - 06:15	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0
06:15 - 06:30	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0
06:30 - 06:45	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0
06:45 - 07:00	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0
Hourly Total	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0
07:00 - 07:15	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0
07:15 - 07:30	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0
07:30 - 07:45	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0
07:45 - 08:00	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0
Hourly Total	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0
08:00 - 08:15	0	0	0	0	0.0	0	0	0	0	0.0	1	0	0	1	1.0
08:15 - 08:30	0	0	0	0	0.0	0	0	0	0	0.0	1	0	0	1	1.0
08:30 - 08:45	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0
08:45 - 09:00	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0
Hourly Total	0	0	0	0	0.0	0	0	0	0	0.0	2	0	0	2	2.0
09:00 - 09:15	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0
09:15 - 09:30	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0
09:30 - 09:45	0	0	0	0	0.0	0	0	0	0	0.0	2	1	0	3	4.3
09:45 - 10:00	0	0	0	0	0.0	0	0	0	0	0.0	2	0	0	2	2.0
Hourly Total	0	0	0	0	0.0	0	0	0	0	0.0	4	1	0	5	6.3

PCU Factors:	
LIGHT	1.0
HEAVY	2.3
BUS	2.0

TOTAL	0	0	0	0	0.0	0	0	0	0	0.0	6	1	0	7	8.3
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16:00 - 16:15	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0
16:15 - 16:30	0	0	0	0	0.0	0	0	0	0	0.0	1	0	0	1	1.0
16:30 - 16:45	0	0	0	0	0.0	0	0	0	0	0.0	0	1	0	1	2.3
16:45 - 17:00	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0
Hourly Total	0	0	0	0	0.0	0	0	0	0	0.0	1	1	0	2	3.3
17:00 - 17:15	1	0	0	1	1.0	0	0	0	0	0.0	0	0	0	0	0.0
17:15 - 17:30	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0
17:30 - 17:45	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0
17:45 - 18:00	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0
Hourly Total	1	0	0	1	1.0	0	0	0	0	0.0	0	0	0	0	0.0
18:00 - 18:15	1	0	0	1	1.0	0	0	0	0	0.0	0	0	0	0	0.0
18:15 - 18:30	0	0	0	0	0.0	0	0	0	0	0.0	1	0	0	1	1.0
18:30 - 18:45	0	0	0	0	0.0	0	0	0	0	0.0	1	0	0	1	1.0
18:45 - 19:00	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0
Hourly Total	1	0	0	1	1.0	0	0	0	0	0.0	2	0	0	2	2.0
19:00 - 19:15	0	0	0	0	0.0	0	0	0	0	0.0	1	0	0	1	1.0
19:15 - 19:30	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0
19:30 - 19:45	0	0	0	0	0.0	0	0	0	0	0.0	1	0	0	1	1.0
19:45 - 20:00	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0
Hourly Total	0	0	0	0	0.0	0	0	0	0	0.0	2	0	0	2	2.0

TOTAL	2	0	0	2	2.0	0	0	0	0	0.0	5	1	0	6	7.3
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# North Wales, Wednesday 4th May 2022

Junction: 8  
Approach: A55 East



TIME	Left to Ffordd William Morgan					Ahead to A55 (West)					Right to Tyddyn Isaf Park				
	LIGHT	HEAVY	BUS	TOTAL	PCUs	LIGHT	HEAVY	BUS	TOTAL	PCUs	LIGHT	HEAVY	BUS	TOTAL	PCUs
06:00 - 06:15	8	0	0	8	8.0	0	0	0	0	0.0	0	0	0	0	0.0
06:15 - 06:30	11	0	0	11	11.0	0	0	0	0	0.0	0	0	0	0	0.0
06:30 - 06:45	15	1	0	16	17.3	0	0	0	0	0.0	0	0	0	0	0.0
06:45 - 07:00	28	0	0	28	28.0	0	0	0	0	0.0	0	0	0	0	0.0
Hourly Total	62	1	0	63	64.3	0	0	0	0	0.0	0	0	0	0	0.0
07:00 - 07:15	17	2	0	19	21.6	0	0	0	0	0.0	0	0	0	0	0.0
07:15 - 07:30	37	1	0	38	39.3	0	0	0	0	0.0	0	0	0	0	0.0
07:30 - 07:45	75	0	0	75	75.0	0	0	0	0	0.0	0	1	0	1	2.3
07:45 - 08:00	128	2	0	130	132.6	0	0	0	0	0.0	1	0	0	1	1.0
Hourly Total	257	5	0	262	268.5	0	0	0	0	0.0	1	1	0	2	3.3
08:00 - 08:15	85	1	0	86	87.3	0	0	0	0	0.0	0	0	0	0	0.0
08:15 - 08:30	109	0	0	109	109.0	0	0	0	0	0.0	0	0	0	0	0.0
08:30 - 08:45	78	1	0	79	80.3	0	0	0	0	0.0	0	0	0	0	0.0
08:45 - 09:00	82	2	0	84	86.6	0	0	0	0	0.0	1	0	0	1	1.0
Hourly Total	354	4	0	358	363.2	0	0	0	0	0.0	1	0	0	1	1.0
09:00 - 09:15	45	0	0	45	45.0	0	0	0	0	0.0	0	0	0	0	0.0
09:15 - 09:30	33	1	0	34	35.3	0	0	0	0	0.0	2	0	0	2	2.0
09:30 - 09:45	20	1	0	21	22.3	0	0	0	0	0.0	0	0	0	0	0.0
09:45 - 10:00	25	1	0	26	27.3	0	0	0	0	0.0	1	0	0	1	1.0
Hourly Total	123	3	0	126	129.9	0	0	0	0	0.0	3	0	0	3	3.0

PCU Factors:	
LIGHT	1.0
HEAVY	2.3
BUS	2.0

TOTAL	796	13	0	809	825.9	0	0	0	0	0.0	5	1	0	6	7.3
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16:00 - 16:15	14	1	0	15	16.3	0	0	0	0	0.0	2	0	0	2	2.0
16:15 - 16:30	9	1	0	10	11.3	0	0	0	0	0.0	1	0	0	1	1.0
16:30 - 16:45	17	1	0	18	19.3	0	0	0	0	0.0	1	0	0	1	1.0
16:45 - 17:00	11	1	0	12	13.3	0	0	0	0	0.0	0	0	0	0	0.0
Hourly Total	51	4	0	55	60.2	0	0	0	0	0.0	4	0	0	4	4.0
17:00 - 17:15	12	1	0	13	14.3	0	0	0	0	0.0	0	0	0	0	0.0
17:15 - 17:30	13	0	0	13	13.0	0	0	0	0	0.0	2	0	0	2	2.0
17:30 - 17:45	10	0	0	10	10.0	0	0	0	0	0.0	0	0	0	0	0.0
17:45 - 18:00	8	0	0	8	8.0	0	0	0	0	0.0	1	0	0	1	1.0
Hourly Total	43	1	0	44	45.3	0	0	0	0	0.0	3	0	0	3	3.0
18:00 - 18:15	10	0	0	10	10.0	0	0	0	0	0.0	1	0	0	1	1.0
18:15 - 18:30	6	0	0	6	6.0	0	0	0	0	0.0	0	0	0	0	0.0
18:30 - 18:45	7	0	0	7	7.0	0	0	0	0	0.0	3	0	0	3	3.0
18:45 - 19:00	1	1	0	2	3.3	0	0	0	0	0.0	0	0	0	0	0.0
Hourly Total	24	1	0	25	26.3	0	0	0	0	0.0	4	0	0	4	4.0
19:00 - 19:15	2	0	0	2	2.0	0	0	0	0	0.0	0	0	0	0	0.0
19:15 - 19:30	4	0	0	4	4.0	0	0	0	0	0.0	0	0	0	0	0.0
19:30 - 19:45	2	0	0	2	2.0	0	0	0	0	0.0	1	0	0	1	1.0
19:45 - 20:00	3	0	0	3	3.0	0	0	0	0	0.0	0	0	0	0	0.0
Hourly Total	11	0	0	11	11.0	0	0	0	0	0.0	1	0	0	1	1.0

TOTAL	129	6	0	135	142.8	0	0	0	0	0.0	12	0	0	12	12.0
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# North Wales, Wednesday 4th May 2022

Junction: 8  
Approach: Ffordd William Morgan



TIME	Left to A55 (West)					Ahead to Tyddyn Isaf Park					Right to A55 (East)				
	LIGHT	HEAVY	BUS	TOTAL	PCUs	LIGHT	HEAVY	BUS	TOTAL	PCUs	LIGHT	HEAVY	BUS	TOTAL	PCUs
06:00 - 06:15	3	1	1	5	7.3	0	0	0	0	0.0	1	0	0	1	1.0
06:15 - 06:30	4	0	0	4	4.0	1	0	0	1	1.0	11	0	0	11	11.0
06:30 - 06:45	0	0	1	1	2.0	0	0	0	0	0.0	4	0	0	4	4.0
06:45 - 07:00	9	0	0	9	9.0	0	0	0	0	0.0	8	1	0	9	10.3
Hourly Total	16	1	2	19	22.3	1	0	0	1	1.0	24	1	0	25	26.3
07:00 - 07:15	5	0	0	5	5.0	0	0	0	0	0.0	5	0	0	5	5.0
07:15 - 07:30	6	3	0	9	12.9	0	0	0	0	0.0	9	0	0	9	9.0
07:30 - 07:45	13	0	1	14	15.0	0	0	0	0	0.0	11	0	0	11	11.0
07:45 - 08:00	25	3	0	28	31.9	0	1	0	1	2.3	3	2	0	5	7.6
Hourly Total	49	6	1	56	64.8	0	1	0	1	2.3	28	2	0	30	32.6
08:00 - 08:15	27	2	0	29	31.6	0	0	0	0	0.0	8	0	0	8	8.0
08:15 - 08:30	37	0	2	39	41.0	0	0	0	0	0.0	9	2	0	11	13.6
08:30 - 08:45	34	2	1	37	40.6	0	0	0	0	0.0	6	0	0	6	6.0
08:45 - 09:00	29	1	0	30	31.3	1	0	0	1	1.0	6	0	0	6	6.0
Hourly Total	127	5	3	135	144.5	1	0	0	1	1.0	29	2	0	31	33.6
09:00 - 09:15	25	7	0	32	41.1	0	0	0	0	0.0	10	0	0	10	10.0
09:15 - 09:30	29	0	0	29	29.0	0	0	0	0	0.0	12	4	0	16	21.2
09:30 - 09:45	23	0	0	23	23.0	0	0	0	0	0.0	8	0	0	8	8.0
09:45 - 10:00	12	1	0	13	14.3	0	0	0	0	0.0	9	0	0	9	9.0
Hourly Total	89	8	0	97	107.4	0	0	0	0	0.0	39	4	0	43	48.2

PCU Factors:	
LIGHT	1.0
HEAVY	2.3
BUS	2.0

TOTAL	281	20	6	307	339.0	2	1	0	3	4.3	120	9	0	129	140.7
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16:00 - 16:15	41	1	1	43	45.3	0	0	0	0	0.0	57	0	0	57	57.0
16:15 - 16:30	32	2	0	34	36.6	0	1	0	1	2.3	40	1	0	41	42.3
16:30 - 16:45	71	0	0	71	71.0	0	0	0	0	0.0	88	0	1	89	90.0
16:45 - 17:00	71	0	0	71	71.0	2	0	0	2	2.0	81	0	0	81	81.0
Hourly Total	215	3	1	219	223.9	2	1	0	3	4.3	266	1	1	268	270.3
17:00 - 17:15	108	1	1	110	112.3	0	0	0	0	0.0	121	0	0	121	121.0
17:15 - 17:30	54	1	0	55	56.3	0	0	0	0	0.0	58	0	0	58	58.0
17:30 - 17:45	70	1	0	71	72.3	1	1	0	2	3.3	69	0	0	69	69.0
17:45 - 18:00	43	0	0	43	43.0	0	0	0	0	0.0	38	0	0	38	38.0
Hourly Total	275	3	1	279	283.9	1	1	0	2	3.3	286	0	0	286	286.0
18:00 - 18:15	25	2	1	28	31.6	0	0	0	0	0.0	34	0	0	34	34.0
18:15 - 18:30	14	1	0	15	16.3	0	0	0	0	0.0	24	0	0	24	24.0
18:30 - 18:45	11	0	0	11	11.0	0	0	0	0	0.0	13	1	0	14	15.3
18:45 - 19:00	14	0	0	14	14.0	0	0	0	0	0.0	10	1	0	11	12.3
Hourly Total	64	3	1	68	72.9	0	0	0	0	0.0	81	2	0	83	85.6
19:00 - 19:15	15	0	1	16	17.0	0	0	0	0	0.0	6	0	0	6	6.0
19:15 - 19:30	6	0	0	6	6.0	0	0	0	0	0.0	10	0	0	10	10.0
19:30 - 19:45	10	0	0	10	10.0	0	0	0	0	0.0	5	0	0	5	5.0
19:45 - 20:00	6	0	0	6	6.0	0	0	0	0	0.0	4	0	0	4	4.0
Hourly Total	37	0	1	38	39.0	0	0	0	0	0.0	25	0	0	25	25.0

TOTAL	591	9	4	604	619.7	3	2	0	5	7.6	658	3	1	662	666.9
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# North Wales, Wednesday 4th May 2022

Junction: 8  
Approach: A55 West



TIME	Left to Tyddyn Isaf Park					Ahead to A55 (East)					Right to Ffordd William Morgan				
	LIGHT	HEAVY	BUS	TOTAL	PCUs	LIGHT	HEAVY	BUS	TOTAL	PCUs	LIGHT	HEAVY	BUS	TOTAL	PCUs
06:00 - 06:15	0	0	0	0	0.0	0	0	0	0	0.0	6	0	0	6	6.0
06:15 - 06:30	0	0	0	0	0.0	0	0	0	0	0.0	8	0	0	8	8.0
06:30 - 06:45	0	0	0	0	0.0	0	0	0	0	0.0	17	0	0	17	17.0
06:45 - 07:00	0	0	0	0	0.0	0	0	0	0	0.0	16	0	0	16	16.0
Hourly Total	0	0	0	0	0.0	0	0	0	0	0.0	47	0	0	47	47.0
07:00 - 07:15	0	0	0	0	0.0	0	0	0	0	0.0	14	1	0	15	16.3
07:15 - 07:30	0	0	0	0	0.0	0	0	0	0	0.0	38	1	1	40	42.3
07:30 - 07:45	0	0	0	0	0.0	0	0	0	0	0.0	52	0	0	52	52.0
07:45 - 08:00	0	0	0	0	0.0	0	0	0	0	0.0	93	1	0	94	95.3
Hourly Total	0	0	0	0	0.0	0	0	0	0	0.0	197	3	1	201	205.9
08:00 - 08:15	0	0	0	0	0.0	0	0	0	0	0.0	91	5	0	96	102.5
08:15 - 08:30	0	0	0	0	0.0	0	0	0	0	0.0	108	1	1	110	112.3
08:30 - 08:45	0	0	0	0	0.0	0	0	0	0	0.0	88	1	0	89	90.3
08:45 - 09:00	0	0	0	0	0.0	0	0	0	0	0.0	97	3	0	100	103.9
Hourly Total	0	0	0	0	0.0	0	0	0	0	0.0	384	10	1	395	409.0
09:00 - 09:15	0	0	0	0	0.0	0	0	0	0	0.0	41	0	0	41	41.0
09:15 - 09:30	0	0	0	0	0.0	0	0	0	0	0.0	26	1	1	28	30.3
09:30 - 09:45	0	0	0	0	0.0	0	0	0	0	0.0	35	3	0	38	41.9
09:45 - 10:00	0	0	0	0	0.0	0	0	0	0	0.0	21	0	0	21	21.0
Hourly Total	0	0	0	0	0.0	0	0	0	0	0.0	123	4	1	128	134.2

TOTAL	0	0	0	0	0.0	0	0	0	0	0.0	751	17	3	771	796.1
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16:00 - 16:15	2	1	0	3	4.3	0	0	0	0	0.0	29	0	0	29	29.0
16:15 - 16:30	0	0	0	0	0.0	0	0	0	0	0.0	15	1	1	17	19.3
16:30 - 16:45	0	0	0	0	0.0	0	0	0	0	0.0	25	0	0	25	25.0
16:45 - 17:00	0	0	0	0	0.0	0	0	0	0	0.0	27	1	0	28	29.3
Hourly Total	2	1	0	3	4.3	0	0	0	0	0.0	96	2	1	99	102.6
17:00 - 17:15	1	0	0	1	1.0	0	0	0	0	0.0	34	0	0	34	34.0
17:15 - 17:30	0	0	0	0	0.0	0	0	0	0	0.0	37	0	1	38	39.0
17:30 - 17:45	0	0	0	0	0.0	0	0	0	0	0.0	30	0	1	31	32.0
17:45 - 18:00	0	0	0	0	0.0	0	0	0	0	0.0	25	0	0	25	25.0
Hourly Total	1	0	0	1	1.0	0	0	0	0	0.0	126	0	2	128	130.0
18:00 - 18:15	0	0	0	0	0.0	0	0	0	0	0.0	12	1	0	13	14.3
18:15 - 18:30	0	0	0	0	0.0	0	0	0	0	0.0	10	0	0	10	10.0
18:30 - 18:45	0	0	0	0	0.0	0	0	0	0	0.0	6	1	0	7	8.3
18:45 - 19:00	0	0	0	0	0.0	0	0	0	0	0.0	8	0	0	8	8.0
Hourly Total	0	0	0	0	0.0	0	0	0	0	0.0	36	2	0	38	40.6
19:00 - 19:15	0	0	0	0	0.0	0	0	0	0	0.0	9	0	0	9	9.0
19:15 - 19:30	0	0	0	0	0.0	0	0	0	0	0.0	5	0	0	5	5.0
19:30 - 19:45	0	0	0	0	0.0	0	0	0	0	0.0	8	0	0	8	8.0
19:45 - 20:00	0	0	0	0	0.0	0	0	0	0	0.0	3	0	0	3	3.0
Hourly Total	0	0	0	0	0.0	0	0	0	0	0.0	25	0	0	25	25.0

TOTAL	3	1	0	4	5.3	0	0	0	0	0.0	283	4	3	290	298.2
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PCU Factors:	
LIGHT	1.0
HEAVY	2.3
BUS	2.0



North Wales, Wednesday 4th May 2022

From: 1) 06:00

To: 1) 10:00

Class: All Vehicles

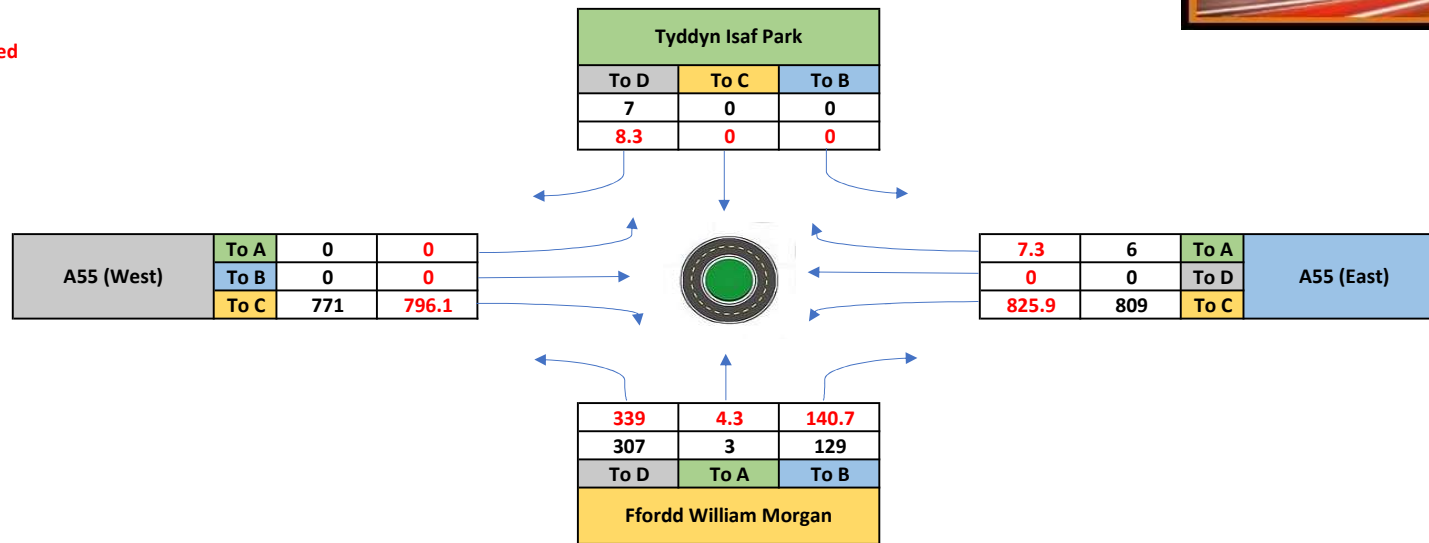
Show Peak Hour: ☐

Show PCUs: ☒

Show Session 2



PCUs in red





# North Wales, Wednesday 4th May 2022

Junction: 10  
Approach: Ffordd William Morgan



	Left to B5381 Glascoed Road (East)					Ahead to Ffordd Richard Davies					Right to B5381 Glascoed Road (West)				
TIME	LIGHT	HEAVY	BUS	TOTAL	PCUs	LIGHT	HEAVY	BUS	TOTAL	PCUs	LIGHT	HEAVY	BUS	TOTAL	PCUs
06:00 - 06:15	6	0	0	6	6.0	2	0	0	2	2.0	1	0	0	1	1.0
06:15 - 06:30	8	0	0	8	8.0	2	0	0	2	2.0	0	0	0	0	0.0
06:30 - 06:45	8	0	0	8	8.0	4	0	0	4	4.0	1	0	0	1	1.0
06:45 - 07:00	13	0	0	13	13.0	6	0	0	6	6.0	3	0	0	3	3.0
Hourly Total	35	0	0	35	35.0	14	0	0	14	14.0	5	0	0	5	5.0
07:00 - 07:15	10	1	0	11	12.3	4	0	0	4	4.0	3	0	0	3	3.0
07:15 - 07:30	27	1	1	29	31.3	13	0	0	13	13.0	3	0	0	3	3.0
07:30 - 07:45	48	3	0	51	54.9	14	0	0	14	14.0	4	1	0	5	6.3
07:45 - 08:00	78	0	0	78	78.0	25	1	0	26	27.3	0	0	0	0	0.0
Hourly Total	163	5	1	169	176.5	56	1	0	57	58.3	10	1	0	11	12.3
08:00 - 08:15	48	3	0	51	54.9	20	1	0	21	22.3	3	0	0	3	3.0
08:15 - 08:30	42	1	1	44	46.3	33	1	0	34	35.3	2	0	0	2	2.0
08:30 - 08:45	36	0	0	36	36.0	34	0	0	34	34.0	5	0	0	5	5.0
08:45 - 09:00	34	3	0	37	40.9	23	1	0	24	25.3	5	0	0	5	5.0
Hourly Total	160	7	1	168	178.1	110	3	0	113	116.9	15	0	0	15	15.0
09:00 - 09:15	18	0	0	18	18.0	21	2	0	23	25.6	1	0	0	1	1.0
09:15 - 09:30	9	0	1	10	11.0	5	0	0	5	5.0	5	0	0	5	5.0
09:30 - 09:45	8	2	0	10	12.6	4	0	0	4	4.0	12	0	0	12	12.0
09:45 - 10:00	8	1	0	9	10.3	14	0	0	14	14.0	8	0	0	8	8.0
Hourly Total	43	3	1	47	51.9	44	2	0	46	48.6	26	0	0	26	26.0

PCU Factors:	
LIGHT	1.0
HEAVY	2.3
BUS	2.0

TOTAL	401	15	3	419	441.5	224	6	0	230	237.8	56	1	0	57	58.3
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16:00 - 16:15	25	1	0	26	27.3	8	0	0	8	8.0	5	0	0	5	5.0
16:15 - 16:30	17	1	1	19	21.3	1	0	0	1	1.0	6	1	0	7	8.3
16:30 - 16:45	37	0	0	37	37.0	6	0	0	6	6.0	3	0	0	3	3.0
16:45 - 17:00	30	1	0	31	32.3	3	0	0	3	3.0	5	1	0	6	7.3
Hourly Total	109	3	1	113	117.9	18	0	0	18	18.0	19	2	0	21	23.6
17:00 - 17:15	45	0	0	45	45.0	8	0	0	8	8.0	10	1	0	11	12.3
17:15 - 17:30	35	1	1	37	39.3	4	0	0	4	4.0	6	0	0	6	6.0
17:30 - 17:45	39	0	1	40	41.0	2	0	0	2	2.0	3	0	0	3	3.0
17:45 - 18:00	16	0	0	16	16.0	5	0	0	5	5.0	2	0	0	2	2.0
Hourly Total	135	1	2	138	141.3	19	0	0	19	19.0	21	1	0	22	23.3
18:00 - 18:15	13	1	0	14	15.3	5	0	0	5	5.0	3	0	0	3	3.0
18:15 - 18:30	11	0	0	11	11.0	2	0	0	2	2.0	2	0	0	2	2.0
18:30 - 18:45	6	0	0	6	6.0	0	0	0	0	0.0	3	0	0	3	3.0
18:45 - 19:00	7	2	0	9	11.6	1	0	0	1	1.0	1	0	0	1	1.0
Hourly Total	37	3	0	40	43.9	8	0	0	8	8.0	9	0	0	9	9.0
19:00 - 19:15	7	0	0	7	7.0	1	0	0	1	1.0	3	0	0	3	3.0
19:15 - 19:30	7	0	0	7	7.0	3	0	0	3	3.0	0	0	0	0	0.0
19:30 - 19:45	3	0	0	3	3.0	2	0	0	2	2.0	1	0	0	1	1.0
19:45 - 20:00	3	0	0	3	3.0	0	0	0	0	0.0	3	0	0	3	3.0
Hourly Total	20	0	0	20	20.0	6	0	0	6	6.0	7	0	0	7	7.0

TOTAL	301	7	3	311	323.1	51	0	0	51	51.0	56	3	0	59	62.9
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# North Wales, Wednesday 4th May 2022

Junction: 10  
Approach: B5381 Glascoed Road East



TIME	Left to Ffordd Richard Davies					Ahead to B5381 Glascoed Road (West)					Right to Ffordd William Morgan				
	LIGHT	HEAVY	BUS	TOTAL	PCUs	LIGHT	HEAVY	BUS	TOTAL	PCUs	LIGHT	HEAVY	BUS	TOTAL	PCUs
06:00 - 06:15	3	0	1	4	5.0	0	0	0	0	0.0	3	0	0	3	3.0
06:15 - 06:30	0	0	0	0	0.0	1	0	0	1	1.0	12	0	0	12	12.0
06:30 - 06:45	1	0	1	2	3.0	4	0	0	4	4.0	3	0	0	3	3.0
06:45 - 07:00	0	1	0	1	2.3	2	0	0	2	2.0	3	0	0	3	3.0
Hourly Total	4	1	2	7	10.3	7	0	0	7	7.0	21	0	0	21	21.0
07:00 - 07:15	0	0	0	0	0.0	1	0	0	1	1.0	5	1	0	6	7.3
07:15 - 07:30	2	0	0	2	2.0	4	1	1	6	8.3	9	2	0	11	13.6
07:30 - 07:45	1	0	1	2	3.0	8	0	0	8	8.0	22	0	0	22	22.0
07:45 - 08:00	2	0	0	2	2.0	10	0	0	10	10.0	23	4	0	27	32.2
Hourly Total	5	0	1	6	7.0	23	1	1	25	27.3	59	7	0	66	75.1
08:00 - 08:15	3	0	0	3	3.0	10	1	0	11	12.3	31	2	0	33	35.6
08:15 - 08:30	9	0	2	11	13.0	32	0	0	32	32.0	53	1	0	54	55.3
08:30 - 08:45	4	0	1	5	6.0	17	2	0	19	21.6	36	1	0	37	38.3
08:45 - 09:00	6	0	0	6	6.0	19	3	0	22	25.9	35	2	0	37	39.6
Hourly Total	22	0	3	25	28.0	78	6	0	84	91.8	155	6	0	161	168.8
09:00 - 09:15	4	0	0	4	4.0	7	1	0	8	9.3	24	3	0	27	30.9
09:15 - 09:30	2	0	0	2	2.0	8	0	0	8	8.0	24	2	0	26	28.6
09:30 - 09:45	0	0	0	0	0.0	12	3	0	15	18.9	19	0	0	19	19.0
09:45 - 10:00	2	1	0	3	4.3	7	1	0	8	9.3	12	1	0	13	14.3
Hourly Total	8	1	0	9	10.3	34	5	0	39	45.5	79	6	0	85	92.8

PCU Factors:	
LIGHT	1.0
HEAVY	2.3
BUS	2.0

TOTAL	39	2	6	47	55.6	142	12	1	155	171.6	314	19	0	333	357.7
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16:00 - 16:15	2	0	1	3	4.0	9	0	0	9	9.0	22	1	0	23	24.3
16:15 - 16:30	1	0	1	2	3.0	8	2	0	10	12.6	23	2	0	25	27.6
16:30 - 16:45	2	0	0	2	2.0	15	1	0	16	17.3	70	0	0	70	70.0
16:45 - 17:00	0	0	0	0	0.0	8	0	0	8	8.0	55	0	0	55	55.0
Hourly Total	5	0	2	7	9.0	40	3	0	43	46.9	170	3	0	173	176.9
17:00 - 17:15	2	0	1	3	4.0	14	0	0	14	14.0	53	0	0	53	53.0
17:15 - 17:30	0	0	0	0	0.0	17	1	0	18	19.3	37	0	0	37	37.0
17:30 - 17:45	0	0	0	0	0.0	11	1	0	12	13.3	36	1	0	37	38.3
17:45 - 18:00	2	0	0	2	2.0	3	0	0	3	3.0	20	0	0	20	20.0
Hourly Total	4	0	1	5	6.0	45	2	0	47	49.6	146	1	0	147	148.3
18:00 - 18:15	0	0	1	1	2.0	14	0	0	14	14.0	14	1	0	15	16.3
18:15 - 18:30	1	0	0	1	1.0	6	0	0	6	6.0	13	1	0	14	15.3
18:30 - 18:45	1	0	0	1	1.0	7	0	0	7	7.0	7	0	0	7	7.0
18:45 - 19:00	0	0	0	0	0.0	3	0	0	3	3.0	8	1	0	9	10.3
Hourly Total	2	0	1	3	4.0	30	0	0	30	30.0	42	3	0	45	48.9
19:00 - 19:15	0	0	1	1	2.0	6	1	0	7	8.3	6	0	0	6	6.0
19:15 - 19:30	1	0	0	1	1.0	4	0	0	4	4.0	5	0	0	5	5.0
19:30 - 19:45	0	0	0	0	0.0	5	0	0	5	5.0	2	0	0	2	2.0
19:45 - 20:00	0	0	0	0	0.0	5	0	0	5	5.0	1	0	0	1	1.0
Hourly Total	1	0	1	2	3.0	20	1	0	21	22.3	14	0	0	14	14.0

TOTAL	12	0	5	17	22.0	135	6	0	141	148.8	372	7	0	379	388.1
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# North Wales, Wednesday 4th May 2022

Junction: 10  
Approach: Ffordd Richard Davies



TIME	Left to B5381 Glascoed Road (West)					Ahead to Ffordd William Morgan					Right to B5381 Glascoed Road (East)				
	LIGHT	HEAVY	BUS	TOTAL	PCUs	LIGHT	HEAVY	BUS	TOTAL	PCUs	LIGHT	HEAVY	BUS	TOTAL	PCUs
06:00 - 06:15	0	0	0	0	0.0	1	0	0	1	1.0	0	0	0	0	0.0
06:15 - 06:30	0	0	0	0	0.0	2	0	0	2	2.0	1	0	0	1	1.0
06:30 - 06:45	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0
06:45 - 07:00	0	0	0	0	0.0	6	0	0	6	6.0	4	0	0	4	4.0
Hourly Total	0	0	0	0	0.0	9	0	0	9	9.0	5	0	0	5	5.0
07:00 - 07:15	0	0	0	0	0.0	2	0	0	2	2.0	2	0	0	2	2.0
07:15 - 07:30	0	0	0	0	0.0	1	0	0	1	1.0	1	0	0	1	1.0
07:30 - 07:45	0	0	0	0	0.0	3	0	0	3	3.0	0	0	0	0	0.0
07:45 - 08:00	0	0	0	0	0.0	2	0	0	2	2.0	0	1	0	1	2.3
Hourly Total	0	0	0	0	0.0	8	0	0	8	8.0	3	1	0	4	5.3
08:00 - 08:15	0	0	0	0	0.0	5	0	0	5	5.0	1	0	0	1	1.0
08:15 - 08:30	0	0	0	0	0.0	5	1	0	6	7.3	1	0	0	1	1.0
08:30 - 08:45	0	0	0	0	0.0	1	1	0	2	3.3	1	0	0	1	1.0
08:45 - 09:00	0	0	0	0	0.0	4	0	0	4	4.0	2	0	0	2	2.0
Hourly Total	0	0	0	0	0.0	15	2	0	17	19.6	5	0	0	5	5.0
09:00 - 09:15	0	0	0	0	0.0	6	2	0	8	10.6	2	1	0	3	4.3
09:15 - 09:30	0	0	0	0	0.0	8	0	0	8	8.0	1	0	0	1	1.0
09:30 - 09:45	0	0	0	0	0.0	3	0	0	3	3.0	1	0	0	1	1.0
09:45 - 10:00	0	0	0	0	0.0	3	1	0	4	5.3	1	0	0	1	1.0
Hourly Total	0	0	0	0	0.0	20	3	0	23	26.9	5	1	0	6	7.3

PCU Factors:	
LIGHT	1.0
HEAVY	2.3
BUS	2.0

TOTAL	0	0	0	0	0.0	52	5	0	57	63.5	18	2	0	20	22.6
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16:00 - 16:15	0	0	0	0	0.0	9	0	0	9	9.0	3	1	0	4	5.3
16:15 - 16:30	0	0	0	0	0.0	4	0	0	4	4.0	1	0	0	1	1.0
16:30 - 16:45	2	0	0	2	2.0	25	0	0	25	25.0	6	0	0	6	6.0
16:45 - 17:00	0	0	0	0	0.0	13	0	0	13	13.0	2	0	0	2	2.0
Hourly Total	2	0	0	2	2.0	51	0	0	51	51.0	12	1	0	13	14.3
17:00 - 17:15	1	0	0	1	1.0	34	0	0	34	34.0	5	0	0	5	5.0
17:15 - 17:30	1	0	0	1	1.0	17	0	0	17	17.0	3	0	0	3	3.0
17:30 - 17:45	2	0	0	2	2.0	24	0	0	24	24.0	4	0	0	4	4.0
17:45 - 18:00	1	0	0	1	1.0	15	0	0	15	15.0	0	0	0	0	0.0
Hourly Total	5	0	0	5	5.0	90	0	0	90	90.0	12	0	0	12	12.0
18:00 - 18:15	1	0	0	1	1.0	9	0	0	9	9.0	2	0	0	2	2.0
18:15 - 18:30	0	0	0	0	0.0	4	0	0	4	4.0	2	0	0	2	2.0
18:30 - 18:45	0	0	0	0	0.0	6	0	0	6	6.0	1	0	0	1	1.0
18:45 - 19:00	0	0	0	0	0.0	0	0	0	0	0.0	1	0	0	1	1.0
Hourly Total	1	0	0	1	1.0	19	0	0	19	19.0	6	0	0	6	6.0
19:00 - 19:15	0	0	0	0	0.0	4	0	0	4	4.0	1	0	0	1	1.0
19:15 - 19:30	0	0	0	0	0.0	2	0	0	2	2.0	1	0	0	1	1.0
19:30 - 19:45	0	0	0	0	0.0	5	0	0	5	5.0	1	0	0	1	1.0
19:45 - 20:00	0	0	0	0	0.0	2	0	0	2	2.0	0	0	0	0	0.0
Hourly Total	0	0	0	0	0.0	13	0	0	13	13.0	3	0	0	3	3.0

TOTAL	8	0	0	8	8.0	173	0	0	173	173.0	33	1	0	34	35.3
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# North Wales, Wednesday 4th May 2022

Junction: 10  
Approach: B5381 Glascoed Road West



TIME	Left to Ffordd William Morgan					Ahead to B5381 Glascoed Road (East)					Right to Ffordd Richard Davies				
	LIGHT	HEAVY	BUS	TOTAL	PCUs	LIGHT	HEAVY	BUS	TOTAL	PCUs	LIGHT	HEAVY	BUS	TOTAL	PCUs
06:00 - 06:15	0	1	0	1	2.3	2	0	0	2	2.0	0	0	0	0	0.0
06:15 - 06:30	0	0	0	0	0.0	3	0	0	3	3.0	0	0	0	0	0.0
06:30 - 06:45	0	0	0	0	0.0	2	0	0	2	2.0	0	0	0	0	0.0
06:45 - 07:00	0	0	0	0	0.0	1	0	0	1	1.0	0	0	0	0	0.0
Hourly Total	0	1	0	1	2.3	8	0	0	8	8.0	0	0	0	0	0.0
07:00 - 07:15	2	0	0	2	2.0	5	0	0	5	5.0	0	0	0	0	0.0
07:15 - 07:30	2	0	0	2	2.0	3	0	0	3	3.0	0	0	0	0	0.0
07:30 - 07:45	5	0	0	5	5.0	11	0	0	11	11.0	1	0	0	1	1.0
07:45 - 08:00	4	2	0	6	8.6	17	0	0	17	17.0	1	0	0	1	1.0
Hourly Total	13	2	0	15	17.6	36	0	0	36	36.0	2	0	0	2	2.0
08:00 - 08:15	5	0	0	5	5.0	9	0	0	9	9.0	0	0	0	0	0.0
08:15 - 08:30	5	0	0	5	5.0	8	0	0	8	8.0	1	0	0	1	1.0
08:30 - 08:45	4	0	0	4	4.0	12	0	0	12	12.0	1	0	0	1	1.0
08:45 - 09:00	9	0	0	9	9.0	15	1	0	16	17.3	1	0	0	1	1.0
Hourly Total	23	0	0	23	23.0	44	1	0	45	46.3	3	0	0	3	3.0
09:00 - 09:15	7	1	0	8	9.3	6	1	0	7	8.3	0	0	0	0	0.0
09:15 - 09:30	6	0	0	6	6.0	9	0	0	9	9.0	0	0	0	0	0.0
09:30 - 09:45	8	0	0	8	8.0	8	2	0	10	12.6	0	0	0	0	0.0
09:45 - 10:00	4	0	0	4	4.0	5	0	0	5	5.0	0	0	0	0	0.0
Hourly Total	25	1	0	26	27.3	28	3	0	31	34.9	0	0	0	0	0.0

PCU Factors:	
LIGHT	1.0
HEAVY	2.3
BUS	2.0

TOTAL	61	4	0	65	70.2	116	4	0	120	125.2	5	0	0	5	5.0
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16:00 - 16:15	3	0	0	3	3.0	14	1	0	15	16.3	0	0	0	0	0.0
16:15 - 16:30	7	0	0	7	7.0	8	0	0	8	8.0	0	0	0	0	0.0
16:30 - 16:45	6	0	0	6	6.0	16	0	1	17	18.0	0	0	0	0	0.0
16:45 - 17:00	3	0	0	3	3.0	14	0	0	14	14.0	0	0	0	0	0.0
Hourly Total	19	0	0	19	19.0	52	1	1	54	56.3	0	0	0	0	0.0
17:00 - 17:15	6	0	0	6	6.0	13	0	0	13	13.0	1	0	0	1	1.0
17:15 - 17:30	5	0	0	5	5.0	14	0	0	14	14.0	0	0	0	0	0.0
17:30 - 17:45	4	0	0	4	4.0	11	0	0	11	11.0	0	0	0	0	0.0
17:45 - 18:00	6	0	0	6	6.0	5	0	0	5	5.0	0	0	0	0	0.0
Hourly Total	21	0	0	21	21.0	43	0	0	43	43.0	1	0	0	1	1.0
18:00 - 18:15	0	0	0	0	0.0	8	0	0	8	8.0	0	0	0	0	0.0
18:15 - 18:30	1	0	0	1	1.0	7	0	0	7	7.0	0	0	0	0	0.0
18:30 - 18:45	2	1	0	3	4.3	7	0	0	7	7.0	0	0	0	0	0.0
18:45 - 19:00	1	0	0	1	1.0	3	1	0	4	5.3	0	0	0	0	0.0
Hourly Total	4	1	0	5	6.3	25	1	0	26	27.3	0	0	0	0	0.0
19:00 - 19:15	1	0	0	1	1.0	5	0	0	5	5.0	0	0	0	0	0.0
19:15 - 19:30	1	0	0	1	1.0	1	0	0	1	1.0	0	0	0	0	0.0
19:30 - 19:45	0	0	0	0	0.0	0	0	0	0	0.0	0	0	0	0	0.0
19:45 - 20:00	0	0	0	0	0.0	4	0	0	4	4.0	0	0	0	0	0.0
Hourly Total	2	0	0	2	2.0	10	0	0	10	10.0	0	0	0	0	0.0

TOTAL	46	1	0	47	48.3	130	2	1	133	136.6	1	0	0	1	1.0
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North Wales, Wednesday 4th May 2022

From: 1) 06:00 ▾

To: 1) 10:00 ▾

Class: All Vehicles ▾

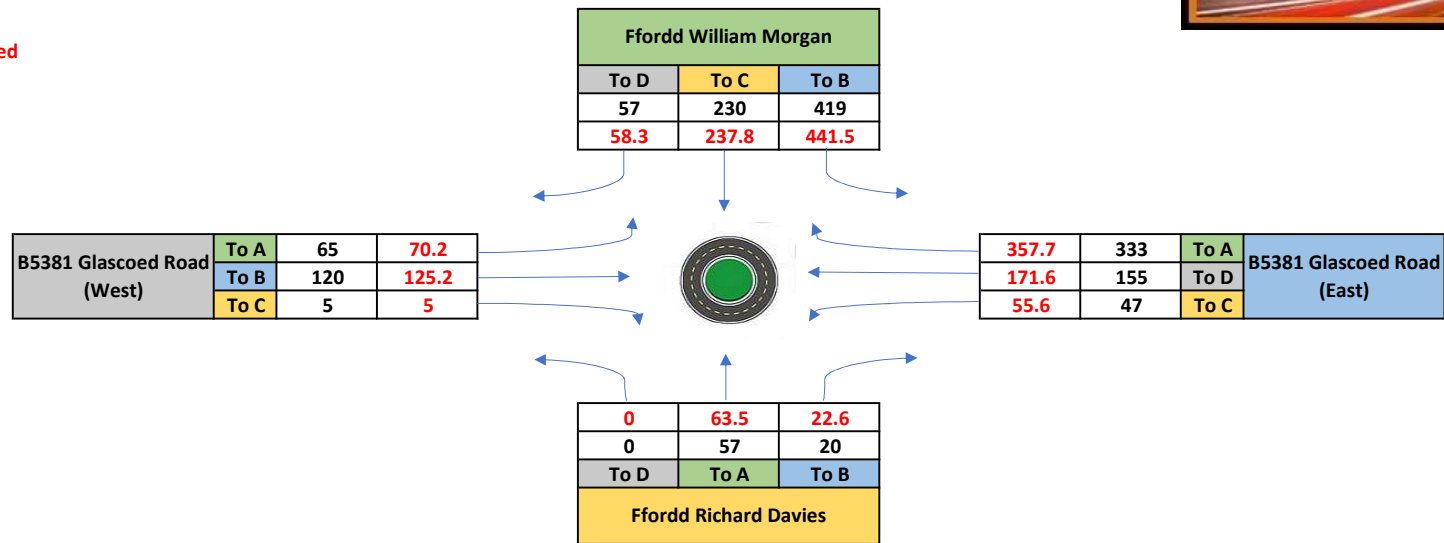
Show Peak Hour: ☐

Show PCUs: ☒

Show Session 2



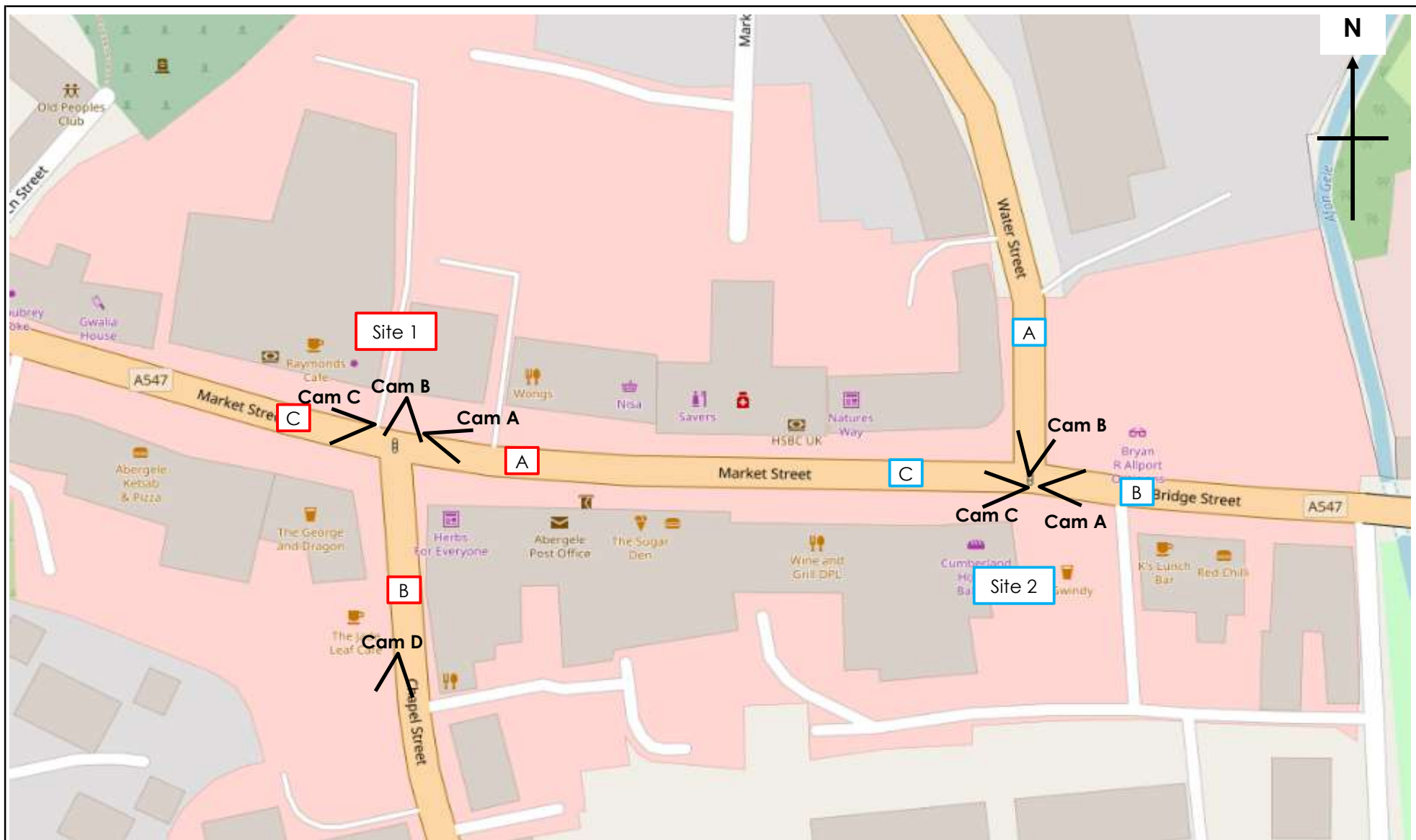
PCUs in red






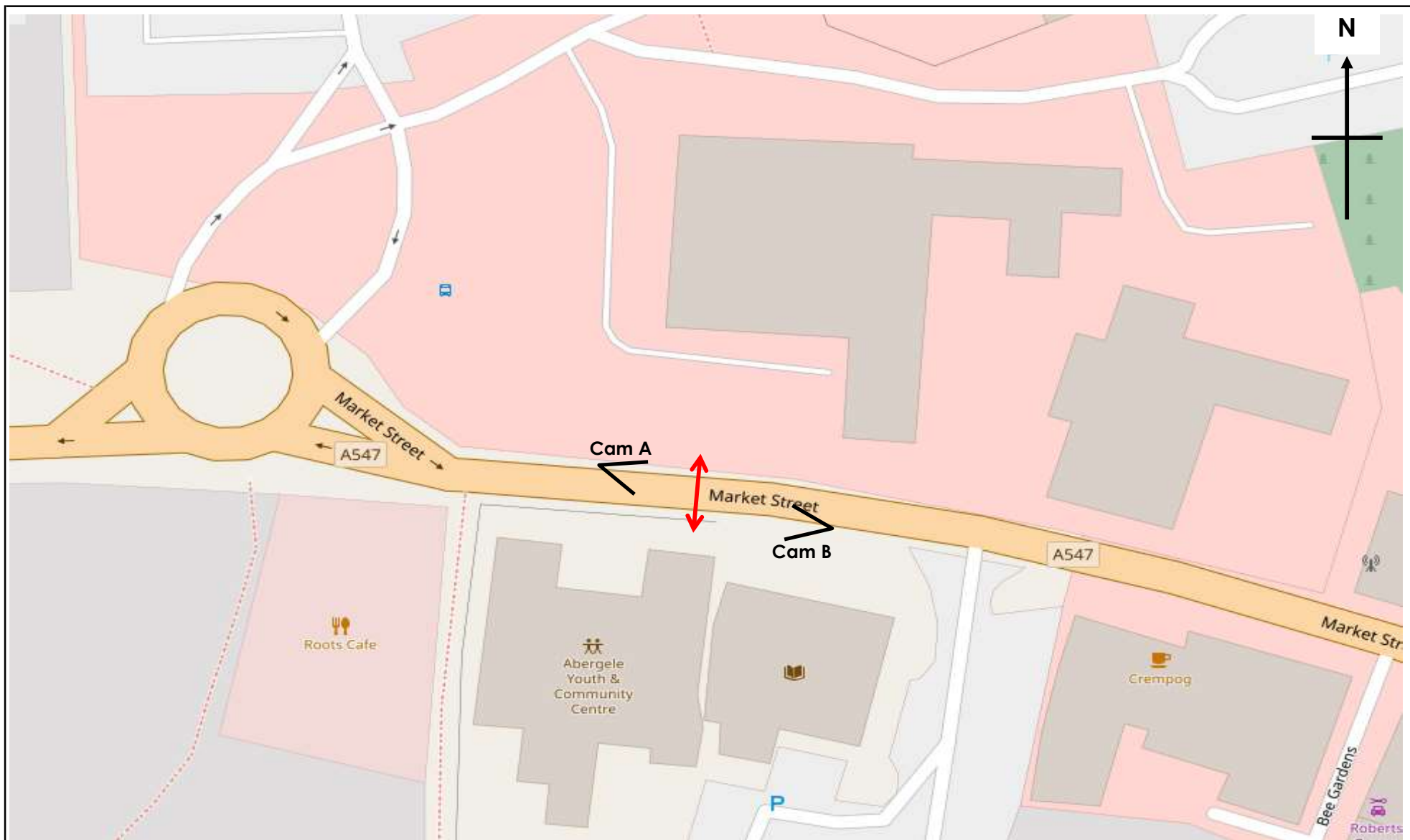
## Appendix C: 2023 MCC and QLS survey data






	<b>Site / Location:</b> Site 1, A547 Market Street / A548 Chapel Street & Site 2, A547 Market Street / A548 Water Street	<b>Project No:</b> 14343	<b>Drawing No:</b> 14343-01	<b>Drawn By:</b> MN
	<b>Survey Date:</b> Wednesday 12th July 2023	<b>Project Name:</b> Abergele		
	<b>Survey Times:</b> 06:00 to 20:00	<b>Drawing Title:</b> Site Layout and Observed Movements		






	<b>Site / Location:</b> Site A, Zebra Crossing: A547 Market Street, south of Tesco	<b>Project No:</b> 14343	<b>Drawing No:</b> 14343-02	<b>Drawn By:</b> MN
	<b>Survey Date:</b> Wednesday 12th July 2023	<b>Project Name:</b> Abergele		
	<b>Survey Times:</b> 06:00 to 20:00	<b>Drawing Title:</b> Site Layout and Observed Movements		





	<b>Site / Location:</b> Site B, Zebra Crossing: A547 Rhuddlan Road, north of Top Wok Abergele	<b>Project No:</b> 14343	<b>Drawing No:</b> 14343-03	<b>Drawn By:</b> MN
	<b>Survey Date:</b> Wednesday 12th July 2023	<b>Project Name:</b> Abergele		
	<b>Survey Times:</b> 06:00 to 20:00	<b>Drawing Title:</b> Site Layout and Observed Movements		



Site 1 to Site 2

TIME	To Arm A							TOT	From Arm C							TOT	DIFFERENCE							TOT	
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL		CAR	LGV	OGV1	OGV2	PSV	MCL	PCL		CAR	LGV	OGV1	OGV2	PSV	MCL	PCL		
06:00	19	6	0	0	0	0	0	25	19	6	0	0	0	0	0	25	0	0	0	0	0	0	0	0	0
06:15	21	2	0	0	0	1	0	24	21	2	0	0	0	1	0	24	0	0	0	0	0	0	0	0	0
06:30	39	8	0	1	0	1	0	49	39	8	0	1	0	0	0	48	0	0	0	0	0	-1	0	-1	0
06:45	41	4	0	0	2	1	1	49	41	4	0	0	2	2	1	50	0	0	0	0	0	1	0	1	0
H/TOT	120	20	0	1	2	3	1	147	120	20	0	1	2	3	1	147	0	0	0	0	0	0	0	0	0
07:00	42	11	3	0	0	0	0	56	41	11	3	0	0	0	0	55	-1	0	0	0	0	0	0	0	-1
07:15	44	9	0	0	2	2	0	57	46	10	0	0	2	1	0	59	2	1	0	0	0	-1	0	2	0
07:30	81	9	1	0	0	0	0	91	84	10	1	0	0	1	0	96	3	1	0	0	0	1	0	5	0
07:45	86	18	0	0	1	1	1	107	84	18	0	0	1	1	1	105	-2	0	0	0	0	0	0	0	-2
H/TOT	253	47	4	0	3	3	1	311	255	49	4	0	3	3	1	315	2	2	0	0	0	0	0	0	4
08:00	94	6	3	2	2	0	0	107	93	7	3	2	2	0	0	107	-1	1	0	0	0	0	0	0	0
08:15	93	13	4	0	2	0	0	112	95	11	4	0	2	0	0	112	2	-2	0	0	0	0	0	0	0
08:30	122	8	3	0	1	0	0	134	120	8	3	0	1	0	1	133	-2	0	0	0	0	0	1	-1	0
08:45	89	11	1	0	2	1	0	104	89	11	1	0	2	1	0	104	0	0	0	0	0	0	0	0	0
H/TOT	398	38	11	2	7	1	0	457	397	37	11	2	7	1	1	456	-1	-1	0	0	0	0	1	-1	0
09:00	65	12	5	0	2	0	0	84	65	14	5	0	2	0	0	86	0	2	0	0	0	0	0	0	2
09:15	78	7	1	0	1	1	1	89	76	7	1	0	1	1	1	87	-2	0	0	0	0	0	0	0	-2
09:30	71	14	7	1	1	0	0	94	73	14	7	1	1	0	0	96	2	0	0	0	0	0	0	0	2
09:45	67	8	3	0	2	0	0	80	66	8	3	0	2	0	0	79	-1	0	0	0	0	0	0	0	-1
H/TOT	281	41	16	1	6	1	1	347	280	43	16	1	6	1	1	348	-1	2	0	0	0	0	0	0	1
10:00	62	16	3	1	2	0	0	84	63	16	3	1	2	0	0	85	1	0	0	0	0	0	0	0	1
10:15	73	14	2	2	1	0	1	93	73	14	2	2	1	0	1	93	0	0	0	0	0	0	0	0	0
10:30	64	11	2	1	1	0	0	79	65	10	2	1	1	0	0	79	1	-1	0	0	0	0	0	0	0
10:45	73	8	0	1	2	1	0	85	73	8	0	0	2	0	1	84	0	0	0	-1	0	-1	1	-1	0
H/TOT	272	49	7	5	6	1	1	341	274	48	7	4	6	0	2	341	2	-1	0	-1	0	-1	1	0	0
11:00	66	8	0	2	4	0	0	80	66	6	0	3	4	0	0	79	0	-2	0	1	0	0	0	0	-1
11:15	73	8	4	0	2	0	0	87	72	7	4	0	2	0	0	85	-1	-1	0	0	0	0	0	0	-2
11:30	73	9	3	0	3	0	1	89	72	9	3	0	3	0	1	88	-1	0	0	0	0	0	0	0	-1
11:45	79	17	1	0	1	0	0	98	79	15	1	0	1	1	0	97	0	-2	0	0	0	1	0	0	-1
H/TOT	291	42	8	2	10	0	1	354	289	37	8	3	10	1	1	349	-2	-5	0	1	0	1	0	0	-5
12:00	85	9	2	0	1	0	0	97	83	10	2	0	1	0	0	96	-2	1	0	0	0	0	0	0	-1
12:15	103	7	3	1	2	1	0	117	100	7	3	1	2	1	0	114	-3	0	0	0	0	0	0	0	-3
12:30	80	15	4	0	2	1	0	102	80	16	4	0	2	1	0	103	0	1	0	0	0	0	0	0	1
12:45	76	13	4	1	1	2	0	97	76	14	4	1	1	2	0	98	0	1	0	0	0	0	0	0	1
H/TOT	344	44	13	2	6	4	0	413	339	47	13	2	6	4	0	411	-5	3	0	0	0	0	0	0	-2
13:00	78	14	3	0	1	2	1	99	83	13	3	0	1	2	1	103	5	-1	0	0	0	0	0	0	4
13:15	80	7	2	1	3	1	0	94	76	7	2	0	3	1	0	89	-4	0	0	-1	0	0	0	0	-5
13:30	83	16	2	1	1	1	0	104	83	16	2	2	1	1	0	105	0	0	0	1	0	0	0	0	1
13:45	75	6	2	0	2	0	1	86	79	6	2	0	2	0	1	90	4	0	0	0	0	0	0	0	4
H/TOT	316	43	9	2	7	4	2	383	321	42	9	2	7	4	2	387	5	-1	0	0	0	0	0	0	4
14:00	84	13	3	2	1	2	0	105	81	12	3	2	1	2	0	101	-3	-1	0	0	0	0	0	0	-4
14:15	73	12	1	2	1	0	0	89	76	13	1	2	1	0	0	93	3	1	0	0	0	0	0	0	4
14:30	72	16	2	0	4	0	0	94	70	16	2	0	4	0	0	92	-2	0	0	0	0	0	0	0	-2
14:45	83	12	1	0	2	3	0	101	84	12	1	0	2	3	0	102	1	0	0	0	0	0	0	0	1
H/TOT	312	53	7	4	8	5	0	389	311	53	7	4	8	5	0	388	-1	0	0	0	0	0	0	0	-1
15:00	93	19	2	0	2	1	0	117	96	18	2	0	2	1	0	119	3	-1	0	0	0	0	0	0	2
15:15	95	14	0	2	1	2	0	114	93	15	0	2	1	2	0	113	-2	1	0	0	0	0	0	0	-1
15:30	76	6	0	0	2	0	0	84	74	6	0	0	2	0	0	82	-2	0	0	0	0	0	0	0	-2
15:45	88	14	1	1	3	2	0	109	91	14	1	1	2	2	0	111	3	0	0	0	-1	0	0	0	2
H/TOT	352	53	3	3	8	5	0	424	354	53	3	3	7	5	0	425	2	0	0	0	-1	0	0	0	1
16:00	86	10	1	0	2	1	0	100	87	9	1	0	3	1	0	101	1	-1	0	0	1	0	0	0	1
16:15	97	15	2	0	2	1	0	117	94	15	2	0	2	1	0	114	-3	0	0	0	0	0	0	0	-3
16:30	98	12	1	0	2	1	0	114	99	13	1	0	2	1	0	116	1	1	0	0	0	0	0	0	2
16:45	110	20	0	0	3	0	0	133	107	20	0	0	3	0	0	130	-3	0	0	0	0	0	0	0	-3
H/TOT	391	57	4	0	9	3	0	464	387	57	4	0	10	3	0	461	-4	0	0	0	1	0	0	0	-3
17:00	100	14	1	0	1	1	0	117	103	14	1	0	1	1	0	120									



Site 2 to Site 1

TIME	To Arm C							TOT	From Arm A							TOT	DIFFERENCE							TOT			
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL		CAR	LGV	OGV1	OGV2	PSV	MCL	PCL		CAR	LGV	OGV1	OGV2	PSV	MCL	PCL				
06:00	9	3	1		1			14	9	2	1		0	1			13	0	-1	0		0					-1
06:15	6	4	2	0	1	0	0	13	7	3	2	0	1	0	0	13	1	-1	0	0	0	0	0	0	0	0	0
06:30	12	4	2	0	1	1	0	20	12	6	2	0	1	1	0	22	0	2	0	0	0	0	0	0	0	2	
06:45	22	4	1	0	1	0	0	28	21	4	1	0	1	0	0	27	-1	0	0	0	0	0	0	0	0	-1	
H/TOT	49	15	6	0	4	1	0	75	49	15	6	0	4	1	0	75	0	0	0	0	0	0	0	0	0	0	0
07:00	25	8	2	1	1	0	0	37	24	9	2	1	1	0	0	37	-1	1	0	0	0	0	0	0	0	0	0
07:15	36	4	2	2	2	1	0	47	36	6	2	2	2	1	0	49	0	2	0	0	0	0	0	0	0	2	
07:30	32	8	2	0	2	0	0	44	34	8	2	0	2	0	0	46	2	0	0	0	0	0	0	0	0	2	
07:45	80	12	2	1	1	0	0	96	79	12	2	1	1	0	0	95	-1	0	0	0	0	0	0	0	0	-1	
H/TOT	173	32	8	4	6	1	0	224	173	35	8	4	6	1	0	227	0	3	0	0	0	0	0	0	0	3	3
08:00	70	10	4	0	3	0	0	87	70	10	4	0	3	0	0	87	0	0	0	0	0	0	0	0	0	0	0
08:15	80	13	3	0	2	0	0	98	80	13	1	0	2	0	0	96	0	0	-2	0	0	0	0	0	0	-2	
08:30	82	12	4	0	3	0	1	102	82	12	6	0	3	0	1	104	0	0	2	0	0	0	0	0	0	2	
08:45	104	18	0	0	5	1	0	128	99	18	0	0	5	1	0	123	-5	0	0	0	0	0	0	0	0	-5	
H/TOT	336	53	11	0	13	1	1	415	331	53	11	0	13	1	1	410	-5	0	0	0	0	0	0	0	0	-5	-5
09:00	93	25	1	1	0	0	1	121	98	24	1	0	0	0	1	124	5	-1	0	-1	0	0	0	0	0	3	
09:15	58	15	8	1	4	1	1	88	60	15	8	2	4	1	1	91	2	0	0	1	0	0	0	0	0	3	
09:30	50	14	1	1	2	0	0	68	48	13	1	1	2	0	0	65	-2	-1	0	0	0	0	0	0	0	-3	
09:45	68	10	3	0	3	0	0	84	66	11	3	0	3	0	1	84	-2	1	0	0	0	0	0	1	0	0	
H/TOT	269	64	13	3	9	1	2	361	272	63	13	3	9	1	3	364	3	-1	0	0	0	0	0	1	3	3	
10:00	64	9	1	0	2	0	0	76	62	7	1	0	2	0	0	72	-2	-2	0	0	0	0	0	0	0	-4	
10:15	88	9	6	0	4	0	0	107	88	9	6	0	4	0	0	107	0	0	0	0	0	0	0	0	0	0	
10:30	108	11	2	0	2	0	0	123	103	13	2	0	2	0	0	120	-5	2	0	0	0	0	0	0	0	-3	
10:45	81	15	2	0	1	1	0	100	86	13	2	0	1	1	0	103	5	-2	0	0	0	0	0	0	0	3	
H/TOT	341	44	11	0	9	1	0	406	339	42	11	0	9	1	0	402	-2	-2	0	0	0	0	0	0	0	-4	
11:00	78	20	3	0	2	0	0	103	81	19	3	0	2	0	0	105	3	-1	0	0	0	0	0	0	0	2	
11:15	93	6	2	1	1	0	1	104	92	9	1	1	1	1	0	105	-1	3	-1	0	0	1	-1	-1	1	1	
11:30	76	13	4	2	3	1	0	99	76	12	4	2	3	1	0	98	0	-1	0	0	0	0	0	0	0	-1	
11:45	84	12	3	1	1	1	0	102	82	13	4	1	1	0	0	101	-2	1	1	0	0	-1	0	0	0	-1	
H/TOT	331	51	12	4	7	2	1	408	331	53	12	4	7	2	0	409	0	2	0	0	0	0	0	-1	1	1	
12:00	87	9	4	1	3	0	0	104	90	9	4	1	3	0	1	108	3	0	0	0	0	0	0	1	4	4	
12:15	71	9	0	0	0	0	0	80	72	9	0	0	0	0	0	81	1	0	0	0	0	0	0	0	1	1	
12:30	70	8	0	2	2	0	2	84	69	7	0	2	2	0	2	82	-1	-1	0	0	0	0	0	0	0	-2	
12:45	72	19	2	0	3	0	0	96	74	17	2	0	3	0	0	96	2	-2	0	0	0	0	0	0	0	0	
H/TOT	300	45	6	3	8	0	2	364	305	42	6	3	8	0	3	367	5	-3	0	0	0	0	0	1	3	3	
13:00	76	8	0	1	1	2	0	88	77	8	0	1	1	2	0	89	1	0	0	0	0	0	0	0	0	1	
13:15	80	9	2	0	1	1	0	93	80	11	2	0	1	1	0	95	0	2	0	0	0	0	0	0	0	2	
13:30	85	13	2	2	1	0	0	103	81	12	2	2	1	0	0	98	-4	-1	0	0	0	0	0	0	0	-5	
13:45	79	18	2	1	0	3	0	103	79	18	2	1	0	2	0	102	0	0	0	0	0	-1	0	0	0	-1	
H/TOT	320	48	6	4	3	6	0	387	317	49	6	4	3	5	0	384	-3	1	0	0	0	-1	0	0	0	-3	
14:00	70	11	2	1	1	0	0	85	74	9	2	1	1	0	0	87	4	-2	0	0	0	0	0	0	0	2	
14:15	95	13	4	0	2	0	0	114	91	15	4	0	2	0	0	112	-4	2	0	0	0	0	0	0	0	-2	
14:30	72	13	0	0	3	0	0	88	76	11	0	0	3	1	0	91	4	-2	0	0	0	1	0	0	3	3	
14:45	76	10	1	1	2	0	0	90	72	10	1	1	2	0	0	86	-4	0	0	0	0	0	0	0	0	-4	
H/TOT	313	47	7	2	8	0	0	377	313	45	7	2	8	1	0	376	0	-2	0	0	0	1	0	0	0	-1	
15:00	83	6	0	0	1	2	1	93	81	4	0	0	1	2	1	89	-2	-2	0	0	0	0	0	0	0	-4	
15:15	101	10	1	0	3	1	0	116	96	12	1	0	3	1	0	113	-5	2	0	0	0	0	0	0	0	-3	
15:30	96	10	3	0	2	2	1	114	100	10	3	0	2	1	1	117	4	0	0	0	0	-1	0	0	3	3	
15:45	106	6	0	0	3	1	0	116	104	8	0	0	3	1	0	116	-2	2	0	0	0	0	0	0	0	0	
H/TOT	386	32	4	0	9	6	2	439	381	34	4	0	9	5	2	435	-5	2	0	0	0	-1	0	0	0	-4	
16:00	94	13	0	0	1	0	0	108	92	12	0	0	1	0	0	105	-2	-1	0	0	0	0	0	0	0	-3	
16:15	108	13	0	0	2	0	0	123	105	14	0	0	2	0	0	121	-3	1	0	0	0	0	0	0	0	-2	
16:30	75	11	0	0	3	2	0	91	78	11	0	0	3	2	0	94	3	0	0	0	0	0	0	0	3	3	
16:45	104	13	0	0	1	2	0	120	106	13	0	0	1	3	0	123	2	0	0								





14343 / ABERGELE  
JULY 2023  
CLASSIFIED TURNING COUNT

SITE: 1

DATE: 12-07-2023

LOCATION: A547 Market Street / A548 Chapel Street

DAY: Wednesday

TIME	CAR	LGV	OGV1	A to B OGV2	PSV	MCL	PCL	TOT
06:00	3	0	0	0	0	0	0	3
06:15	4	0	0	0	0	0	0	4
06:30	6	3	0	0	0	0	0	9
06:45	8	2	0	0	0	0	0	10
H/TOT	21	5	0	0	0	0	0	26
07:00	8	4	2	1	0	0	0	15
07:15	21	2	0	0	0	0	0	23
07:30	17	3	0	0	0	0	0	20
07:45	43	8	0	0	0	0	0	51
H/TOT	89	17	2	1	0	0	0	109
08:00	42	4	2	0	0	0	0	48
08:15	46	8	0	0	0	0	0	54
08:30	53	7	2	0	0	0	0	62
08:45	49	12	0	0	0	1	0	62
H/TOT	190	31	4	0	0	1	0	226
09:00	54	13	0	0	0	0	1	68
09:15	31	8	4	2	0	1	1	47
09:30	17	8	1	1	0	0	0	27
09:45	31	8	3	0	1	0	0	43
H/TOT	133	37	8	3	1	1	2	185
10:00	18	3	0	0	0	0	0	21
10:15	41	6	4	0	1	0	0	52
10:30	46	8	2	0	0	0	0	56
10:45	24	5	0	0	0	0	0	29
H/TOT	129	22	6	0	1	0	0	158
11:00	31	11	1	0	0	0	0	43
11:15	34	0	1	1	0	1	0	37
11:30	29	6	2	1	0	1	0	39
11:45	31	7	2	0	1	0	0	41
H/TOT	125	24	6	2	1	2	0	160
12:00	38	3	3	1	0	0	1	46
12:15	32	5	0	0	0	0	0	37
12:30	27	4	0	2	0	0	0	33
12:45	30	8	1	0	0	0	0	39
H/TOT	127	20	4	3	0	0	1	155
13:00	37	5	0	1	0	0	0	43
13:15	37	9	1	0	0	1	0	48
13:30	29	7	2	0	0	0	0	38
13:45	23	9	1	0	0	2	0	35
H/TOT	126	30	4	1	0	3	0	164
14:00	24	3	1	1	0	0	0	29
14:15	42	11	3	0	1	0	0	57
14:30	23	3	0	0	0	0	0	26
14:45	31	5	1	1	1	0	0	39
H/TOT	120	22	5	2	2	0	0	151
15:00	27	3	0	0	0	1	1	32
15:15	46	8	1	0	1	0	0	56
15:30	45	5	1	0	0	1	1	53
15:45	45	5	0	0	0	1	0	51
H/TOT	163	21	2	0	1	3	2	192
16:00	36	8	0	0	0	0	0	44
16:15	50	4	0	0	0	0	0	54
16:30	36	5	0	0	1	1	0	43
16:45	44	5	0	0	0	2	0	51
H/TOT	166	22	0	0	1	3	0	192
17:00	73	7	0	0	0	0	0	80
17:15	56	9	1	0	0	1	0	67
17:30	60	5	0	0	0	0	1	66
17:45	45	4	1	0	0	0	0	50
H/TOT	234	25	2	0	0	1	1	263
18:00	42	4	0	0	0	0	0	46
18:15	44	3	0	0	0	0	1	48
18:30	30	3	0	0	0	0	0	33
18:45	38	1	0	0	0	0	0	39
H/TOT	154	11	0	0	0	0	1	166
19:00	28	1	0	0	0	0	0	29
19:15	30	4	0	0	0	0	0	34
19:30	31	1	0	0	0	0	1	33
19:45	27	2	0	0	0	0	0	29
H/TOT	116	8	0	0	0	0	1	125
P/TOT	1893	295	43	12	7	14	8	2272





14343 / ABERGELE  
JULY 2023  
CLASSIFIED TURNING COUNT

SITE: 1

DATE: 12-07-2023

LOCATION: A547 Market Street / A548 Chapel Street

DAY: Wednesday

TIME	CAR	LGV	OGV1	A to C OGV2	PSV	MCL	PCL	TOT
06:00	6	2	1	0	1	0	0	10
06:15	3	3	2	0	1	0	0	9
06:30	6	3	2	0	1	1	0	13
06:45	13	2	1	0	1	0	0	17
H/TOT	28	10	6	0	4	1	0	49
07:00	16	5	0	0	1	0	0	22
07:15	15	4	2	2	2	1	0	26
07:30	17	5	2	0	2	0	0	26
07:45	36	4	2	1	1	0	0	44
H/TOT	84	18	6	3	6	1	0	118
08:00	28	6	2	0	3	0	0	39
08:15	34	5	1	0	2	0	0	42
08:30	29	5	4	0	3	0	1	42
08:45	50	6	0	0	5	0	0	61
H/TOT	141	22	7	0	13	0	1	184
09:00	44	11	1	0	0	0	0	56
09:15	29	7	4	0	4	0	0	44
09:30	31	5	0	0	2	0	0	38
09:45	35	3	0	0	2	0	1	41
H/TOT	139	26	5	0	8	0	1	179
10:00	44	4	1	0	2	0	0	51
10:15	47	3	2	0	3	0	0	55
10:30	57	5	0	0	2	0	0	64
10:45	62	8	2	0	1	1	0	74
H/TOT	210	20	5	0	8	1	0	244
11:00	50	8	2	0	2	0	0	62
11:15	58	9	0	0	1	0	0	68
11:30	47	6	2	1	3	0	0	59
11:45	51	6	2	1	0	0	0	60
H/TOT	206	29	6	2	6	0	0	249
12:00	52	6	1	0	3	0	0	62
12:15	40	4	0	0	0	0	0	44
12:30	42	3	0	0	2	0	2	49
12:45	44	9	1	0	3	0	0	57
H/TOT	178	22	2	0	8	0	2	212
13:00	40	3	0	0	1	2	0	46
13:15	43	2	1	0	1	0	0	47
13:30	52	5	0	2	1	0	0	60
13:45	56	9	1	1	0	0	0	67
H/TOT	191	19	2	3	3	2	0	220
14:00	50	6	1	0	1	0	0	58
14:15	49	4	1	0	1	0	0	55
14:30	53	8	0	0	3	1	0	65
14:45	41	5	0	0	1	0	0	47
H/TOT	193	23	2	0	6	1	0	225
15:00	54	1	0	0	1	1	0	57
15:15	50	4	0	0	2	1	0	57
15:30	55	5	2	0	2	0	0	64
15:45	59	3	0	0	3	0	0	65
H/TOT	218	13	2	0	8	2	0	243
16:00	56	4	0	0	1	0	0	61
16:15	55	10	0	0	2	0	0	67
16:30	42	6	0	0	2	1	0	51
16:45	62	8	0	0	1	1	0	72
H/TOT	215	28	0	0	6	2	0	251
17:00	63	9	0	0	3	1	0	76
17:15	60	8	0	0	0	1	0	69
17:30	58	2	0	0	2	1	0	63
17:45	67	5	0	0	1	1	0	74
H/TOT	248	24	0	0	6	4	0	282
18:00	58	2	0	0	1	0	0	61
18:15	59	2	0	0	2	0	0	63
18:30	50	5	0	1	1	1	0	58
18:45	60	5	1	0	1	1	0	68
H/TOT	227	14	1	1	5	2	0	250
19:00	53	3	0	0	0	1	0	57
19:15	38	3	0	0	1	1	0	43
19:30	44	0	0	0	1	1	0	46
19:45	28	2	0	0	1	1	0	32
H/TOT	163	8	0	0	3	4	0	178
P/TOT	2441	276	44	9	90	20	4	2884





14343 / ABERGELE  
JULY 2023  
CLASSIFIED TURNING COUNT

SITE: 1

DATE: 12-07-2023

LOCATION: A547 Market Street / A548 Chapel Street

DAY: Wednesday

TIME	CAR	LGV	OGV1	B to C OGV2	PSV	MCL	PCL	TOT
06:00	0	0	0	0	0	0	0	0
06:15	0	0	0	0	0	0	0	0
06:30	0	0	0	0	0	0	0	0
06:45	1	0	0	0	0	0	0	1
H/TOT	1	0	0	0	0	0	0	1
07:00	2	2	0	0	0	0	0	4
07:15	2	1	0	0	0	0	0	3
07:30	5	1	0	0	0	0	0	6
07:45	2	0	0	0	0	0	0	2
H/TOT	11	4	0	0	0	0	0	15
08:00	6	1	0	1	0	0	0	8
08:15	3	0	1	0	0	0	0	4
08:30	8	3	0	0	0	0	0	11
08:45	11	0	0	0	0	0	0	11
H/TOT	28	4	1	1	0	0	0	34
09:00	6	1	0	0	0	0	0	7
09:15	9	1	0	0	0	0	0	10
09:30	17	2	0	0	0	0	0	19
09:45	14	1	0	0	1	0	0	16
H/TOT	46	5	0	0	1	0	0	52
10:00	11	0	0	0	0	0	0	11
10:15	16	0	1	0	1	0	0	18
10:30	10	3	0	1	0	0	0	14
10:45	13	1	0	1	0	0	1	16
H/TOT	50	4	1	2	1	0	1	59
11:00	10	1	1	0	1	0	0	13
11:15	11	2	0	0	1	0	0	14
11:30	12	0	1	0	0	0	0	13
11:45	11	4	0	0	0	0	0	15
H/TOT	44	7	2	0	2	0	0	55
12:00	12	3	0	0	1	0	0	16
12:15	11	2	1	0	1	0	0	15
12:30	9	0	0	0	0	0	0	9
12:45	11	2	0	0	0	0	0	13
H/TOT	43	7	1	0	2	0	0	53
13:00	8	4	0	0	0	0	0	12
13:15	9	6	0	1	0	0	0	16
13:30	9	2	0	0	0	0	0	11
13:45	15	0	0	0	0	0	0	15
H/TOT	41	12	0	1	0	0	0	54
14:00	15	2	0	0	0	0	0	17
14:15	8	0	1	1	0	0	0	10
14:30	11	3	2	0	1	0	0	17
14:45	4	1	0	0	0	0	0	5
H/TOT	38	6	3	1	1	0	0	49
15:00	8	0	1	0	1	0	0	10
15:15	7	3	0	0	0	0	0	10
15:30	14	2	1	0	0	0	0	17
15:45	16	0	0	0	0	0	0	16
H/TOT	45	5	2	0	1	0	0	53
16:00	11	2	0	0	0	0	0	13
16:15	15	1	0	0	0	0	0	16
16:30	10	0	0	0	1	0	0	11
16:45	12	1	0	0	1	0	0	14
H/TOT	48	4	0	0	2	0	0	54
17:00	11	1	0	0	0	0	0	12
17:15	13	2	0	0	0	0	0	15
17:30	14	1	0	0	0	0	0	15
17:45	23	2	0	0	0	0	0	25
H/TOT	61	6	0	0	0	0	0	67
18:00	10	0	0	0	0	0	0	10
18:15	6	1	0	0	0	0	0	7
18:30	10	0	0	0	0	0	0	10
18:45	15	0	0	0	0	0	0	15
H/TOT	41	1	0	0	0	0	0	42
19:00	12	0	0	0	0	0	0	12
19:15	9	2	1	0	0	0	0	12
19:30	12	1	0	0	0	0	0	13
19:45	5	0	0	0	0	0	0	5
H/TOT	38	3	1	0	0	0	0	42
P/TOT	535	68	11	5	10	0	1	630





14343 / ABERGELE  
JULY 2023  
CLASSIFIED TURNING COUNT

SITE: 1

DATE: 12-07-2023

LOCATION: A547 Market Street / A548 Chapel Street

DAY: Wednesday

TIME	CAR	LGV	OGV1	B to A OGV2	PSV	MCL	PCL	TOT
06:00	12	2	0	0	0	0	0	14
06:15	13	0	0	0	0	1	0	14
06:30	20	5	0	0	0	1	0	26
06:45	20	2	0	0	0	0	1	23
H/TOT	65	9	0	0	0	2	1	77
07:00	22	5	1	0	0	0	0	28
07:15	20	4	0	0	0	0	0	24
07:30	38	2	0	0	0	0	0	40
07:45	37	8	0	0	0	0	1	46
H/TOT	117	19	1	0	0	0	1	138
08:00	57	3	1	2	0	0	0	63
08:15	56	5	0	0	0	0	0	61
08:30	76	4	0	0	0	0	0	80
08:45	48	6	0	0	0	0	0	54
H/TOT	237	18	1	2	0	0	0	258
09:00	36	7	2	0	0	0	0	45
09:15	43	5	1	0	0	0	1	50
09:30	34	6	3	1	0	0	0	44
09:45	23	3	1	0	0	0	0	27
H/TOT	136	21	7	1	0	0	1	166
10:00	33	9	1	0	0	0	0	43
10:15	26	8	1	1	0	0	1	37
10:30	28	4	1	0	0	0	0	33
10:45	32	2	0	0	0	1	0	35
H/TOT	119	23	3	1	0	1	1	148
11:00	21	0	0	1	1	0	0	23
11:15	28	5	2	0	0	0	0	35
11:30	19	2	2	0	0	0	0	23
11:45	28	6	0	0	0	0	0	34
H/TOT	96	13	4	1	1	0	0	115
12:00	19	4	1	0	0	0	0	24
12:15	38	1	2	0	0	1	0	42
12:30	23	4	1	0	0	0	0	28
12:45	22	3	4	1	0	0	0	30
H/TOT	102	12	8	1	0	1	0	124
13:00	28	5	2	0	0	1	1	37
13:15	35	4	2	1	0	0	0	42
13:30	30	9	0	1	0	0	0	40
13:45	23	5	2	0	0	0	1	31
H/TOT	116	23	6	2	0	1	2	150
14:00	27	6	2	2	0	1	0	38
14:15	38	7	0	0	0	0	0	45
14:30	27	6	2	0	1	0	0	36
14:45	24	8	1	0	0	1	0	34
H/TOT	116	27	5	2	1	2	0	153
15:00	46	11	1	0	0	1	0	59
15:15	36	6	0	1	0	1	0	44
15:30	30	3	0	0	0	0	0	33
15:45	45	11	1	1	0	2	0	60
H/TOT	157	31	2	2	0	4	0	196
16:00	42	7	1	0	0	0	0	50
16:15	33	8	1	0	1	0	0	43
16:30	56	3	1	0	0	0	0	60
16:45	53	10	0	0	0	0	0	63
H/TOT	184	28	3	0	1	0	0	216
17:00	48	5	0	0	0	0	0	53
17:15	56	3	1	0	0	2	1	63
17:30	48	2	0	0	0	0	0	50
17:45	44	2	0	0	1	0	0	47
H/TOT	196	12	1	0	1	2	1	213
18:00	31	4	0	0	0	1	0	36
18:15	33	4	0	0	0	0	0	37
18:30	33	2	0	0	0	0	0	35
18:45	19	1	0	0	0	0	0	20
H/TOT	116	11	0	0	0	1	0	128
19:00	29	0	0	1	0	0	1	31
19:15	32	2	0	0	0	0	1	35
19:30	17	2	0	0	0	0	0	19
19:45	15	2	0	0	0	1	0	18
H/TOT	93	6	0	1	0	1	2	103
P/TOT	1850	253	41	13	4	15	9	2185





14343 / ABERGELE  
JULY 2023  
CLASSIFIED TURNING COUNT

SITE: 1

DATE: 12-07-2023

LOCATION: A547 Market Street / A548 Chapel Street

DAY: Wednesday

TIME	CAR	LGV	OGV1	C to A OGV2	PSV	MCL	PCL	TOT
06:00	7	4	0	0	0	0	0	11
06:15	8	2	0	0	0	0	0	10
06:30	19	3	0	1	0	0	0	23
06:45	21	2	0	0	2	1	0	26
H/TOT	55	11	0	1	2	1	0	70
07:00	20	6	2	0	0	0	0	28
07:15	24	5	0	0	2	2	0	33
07:30	43	7	1	0	0	0	0	51
07:45	49	10	0	0	1	1	0	61
H/TOT	136	28	3	0	3	3	0	173
08:00	37	3	2	0	2	0	0	44
08:15	37	8	4	0	2	0	0	51
08:30	46	4	3	0	1	0	0	54
08:45	41	5	1	0	2	1	0	50
H/TOT	161	20	10	0	7	1	0	199
09:00	29	5	3	0	2	0	0	39
09:15	35	2	0	0	1	1	0	39
09:30	37	8	4	0	1	0	0	50
09:45	44	5	2	0	2	0	0	53
H/TOT	145	20	9	0	6	1	0	181
10:00	29	7	2	1	2	0	0	41
10:15	47	6	1	1	1	0	0	56
10:30	36	7	1	1	1	0	0	46
10:45	41	6	0	1	2	0	0	50
H/TOT	153	26	4	4	6	0	0	193
11:00	45	8	0	1	3	0	0	57
11:15	45	3	2	0	2	0	0	52
11:30	54	7	1	0	3	0	1	66
11:45	51	11	1	0	1	0	0	64
H/TOT	195	29	4	1	9	0	1	239
12:00	66	5	1	0	1	0	0	73
12:15	65	6	1	1	2	0	0	75
12:30	57	11	3	0	2	1	0	74
12:45	54	10	0	0	1	2	0	67
H/TOT	242	32	5	1	6	3	0	289
13:00	50	9	1	0	1	1	0	62
13:15	45	3	0	0	3	1	0	52
13:30	53	7	2	0	1	1	0	64
13:45	52	1	0	0	2	0	0	55
H/TOT	200	20	3	0	7	3	0	233
14:00	57	7	1	0	1	1	0	67
14:15	35	5	1	2	1	0	0	44
14:30	45	10	0	0	3	0	0	58
14:45	59	4	0	0	2	2	0	67
H/TOT	196	26	2	2	7	3	0	236
15:00	47	8	1	0	2	0	0	58
15:15	59	8	0	1	1	1	0	70
15:30	46	3	0	0	2	0	0	51
15:45	43	3	0	0	3	0	0	49
H/TOT	195	22	1	1	8	1	0	228
16:00	44	3	0	0	2	1	0	50
16:15	64	7	1	0	1	1	0	74
16:30	42	9	0	0	2	1	0	54
16:45	57	10	0	0	3	0	0	70
H/TOT	207	29	1	0	8	3	0	248
17:00	52	9	1	0	1	1	0	64
17:15	61	5	0	0	3	0	0	69
17:30	52	4	0	0	2	1	0	59
17:45	67	6	0	0	1	0	0	74
H/TOT	232	24	1	0	7	2	0	266
18:00	45	5	0	0	1	0	1	52
18:15	40	2	0	0	3	0	1	46
18:30	48	2	0	0	1	1	0	52
18:45	39	5	0	0	1	0	3	48
H/TOT	172	14	0	0	6	1	5	198
19:00	43	2	0	0	1	1	0	47
19:15	39	4	0	0	1	0	0	44
19:30	25	4	0	0	2	1	0	32
19:45	19	0	0	0	1	0	0	20
H/TOT	126	10	0	0	5	2	0	143
P/TOT	1389	180	15	1	63	14	7	1669





14343 / ABERGELE  
JULY 2023  
CLASSIFIED TURNING COUNT

SITE: 1

DATE: 12-07-2023

LOCATION: A547 Market Street / A548 Chapel Street

DAY: Wednesday

TIME	CAR	LGV	OGV1	C to B OGV2	PSV	MCL	PCL	TOT
06:00	0	0	0	0	0	0	0	0
06:15	0	1	0	0	0	0	0	1
06:30	2	0	0	0	0	0	0	2
06:45	3	1	1	0	0	0	0	5
H/TOT	5	2	1	0	0	0	0	8
07:00	0	0	0	0	0	0	0	0
07:15	1	0	0	0	0	0	0	1
07:30	4	1	0	0	0	0	0	5
07:45	5	1	0	0	0	0	0	6
H/TOT	10	2	0	0	0	0	0	12
08:00	6	0	0	0	0	0	0	6
08:15	10	1	2	0	0	0	0	13
08:30	10	0	0	0	1	0	0	11
08:45	5	0	0	0	0	0	0	5
H/TOT	31	1	2	0	1	0	0	35
09:00	7	0	1	0	0	0	1	9
09:15	8	3	0	0	0	0	0	11
09:30	5	3	0	0	0	0	0	8
09:45	12	3	0	0	0	0	0	15
H/TOT	32	9	1	0	0	0	1	43
10:00	6	0	0	0	0	0	0	6
10:15	13	1	0	0	0	0	0	14
10:30	9	1	0	0	0	0	0	10
10:45	5	1	1	0	0	0	0	7
H/TOT	33	3	1	0	0	0	0	37
11:00	4	0	0	0	0	0	0	4
11:15	9	1	0	0	0	0	0	10
11:30	6	3	0	0	0	0	0	9
11:45	6	3	0	0	0	0	1	10
H/TOT	25	7	0	0	0	0	1	33
12:00	10	2	1	0	0	0	0	13
12:15	8	1	2	0	0	0	0	11
12:30	8	1	0	0	0	0	0	9
12:45	6	2	1	0	0	0	0	9
H/TOT	32	6	4	0	0	0	0	42
13:00	3	2	0	0	0	0	0	5
13:15	13	4	0	0	0	0	0	17
13:30	3	1	0	0	0	0	0	4
13:45	8	1	0	1	0	0	0	10
H/TOT	27	8	0	1	0	0	0	36
14:00	8	1	0	0	0	0	0	9
14:15	8	0	0	0	0	0	0	8
14:30	10	1	0	0	0	0	0	11
14:45	7	2	0	0	0	0	0	9
H/TOT	33	4	0	0	0	0	0	37
15:00	5	1	2	0	0	0	0	8
15:15	11	0	0	0	0	0	0	11
15:30	12	1	0	0	0	0	0	13
15:45	15	0	0	0	0	0	0	15
H/TOT	43	2	2	0	0	0	0	47
16:00	11	1	0	0	0	0	0	12
16:15	12	1	0	0	0	0	0	13
16:30	7	3	0	0	0	0	0	10
16:45	7	1	0	0	0	0	0	8
H/TOT	37	6	0	0	0	0	0	43
17:00	12	2	0	0	0	0	0	14
17:15	10	1	0	0	0	0	0	11
17:30	20	1	0	0	0	0	0	21
17:45	13	3	0	0	0	0	0	16
H/TOT	55	7	0	0	0	0	0	62
18:00	11	2	0	0	0	0	0	13
18:15	15	0	0	0	0	0	0	15
18:30	13	1	0	0	0	0	0	14
18:45	12	1	0	0	0	0	0	13
H/TOT	51	4	0	0	0	0	0	55
19:00	12	0	0	0	0	0	0	12
19:15	14	0	0	0	0	0	0	14
19:30	7	2	0	0	0	0	0	9
19:45	10	0	0	0	0	0	0	10
H/TOT	43	2	0	0	0	0	0	45
P/TOT	2828	379	69	21	28	24	10	535





14343 / ABERGELE  
JULY 2023  
CLASSIFIED TURNING COUNT

SITE: 1

DATE: 12-07-2023

LOCATION: A547 Market Street / A548 Chapel Street

DAY: Wednesday

TIME	TO ARM A							TOT
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	
06:00	19	6	0	0	0	0	0	25
06:15	21	2	0	0	0	1	0	24
06:30	39	8	0	1	0	1	0	49
06:45	41	4	0	0	2	1	1	49
H/TOT	120	20	0	1	2	3	1	147
07:00	42	11	3	0	0	0	0	56
07:15	44	9	0	0	2	2	0	57
07:30	81	9	1	0	0	0	0	91
07:45	86	18	0	0	1	1	1	107
H/TOT	253	47	4	0	3	3	1	311
08:00	94	6	3	2	2	0	0	107
08:15	93	13	4	0	2	0	0	112
08:30	122	8	3	0	1	0	0	134
08:45	89	11	1	0	2	1	0	104
H/TOT	398	38	11	2	7	1	0	457
09:00	65	12	5	0	2	0	0	84
09:15	78	7	1	0	1	1	1	89
09:30	71	14	7	1	1	0	0	94
09:45	67	8	3	0	2	0	0	80
H/TOT	281	41	16	1	6	1	1	347
10:00	62	16	3	1	2	0	0	84
10:15	73	14	2	2	1	0	1	93
10:30	64	11	2	1	1	0	0	79
10:45	73	8	0	1	2	1	0	85
H/TOT	272	49	7	5	6	1	1	341
11:00	66	8	0	2	4	0	0	80
11:15	73	8	4	0	2	0	0	87
11:30	73	9	3	0	3	0	1	89
11:45	79	17	1	0	1	0	0	98
H/TOT	291	42	8	2	10	0	1	354
12:00	85	9	2	0	1	0	0	97
12:15	103	7	3	1	2	1	0	117
12:30	80	15	4	0	2	1	0	102
12:45	76	13	4	1	1	2	0	97
H/TOT	344	44	13	2	6	4	0	413
13:00	78	14	3	0	1	2	1	99
13:15	80	7	2	1	3	1	0	94
13:30	83	16	2	1	1	1	0	104
13:45	75	6	2	0	2	0	1	86
H/TOT	316	43	9	2	7	4	2	383
14:00	84	13	3	2	1	2	0	105
14:15	73	12	1	2	1	0	0	89
14:30	72	16	2	0	4	0	0	94
14:45	83	12	1	0	2	3	0	101
H/TOT	312	53	7	4	8	5	0	389
15:00	93	19	2	0	2	1	0	117
15:15	95	14	0	2	1	2	0	114
15:30	76	6	0	0	2	0	0	84
15:45	88	14	1	1	3	2	0	109
H/TOT	352	53	3	3	8	5	0	424
16:00	86	10	1	0	2	1	0	100
16:15	97	15	2	0	2	1	0	117
16:30	98	12	1	0	2	1	0	114
16:45	110	20	0	0	3	0	0	133
H/TOT	391	57	4	0	9	3	0	464
17:00	100	14	1	0	1	1	0	117
17:15	117	8	1	0	3	2	1	132
17:30	100	6	0	0	2	1	0	109
17:45	111	8	0	0	2	0	0	121
H/TOT	428	36	2	0	8	4	1	479
18:00	76	9	0	0	1	1	1	88
18:15	73	6	0	0	3	0	1	83
18:30	81	4	0	0	1	1	0	87
18:45	58	6	0	0	1	0	3	68
H/TOT	288	25	0	0	6	2	5	326
19:00	72	2	0	1	1	1	1	78
19:15	71	6	0	0	1	0	1	79
19:30	42	6	0	0	2	1	0	51
19:45	34	2	0	0	1	1	0	38
H/TOT	219	16	0	1	5	3	2	246
P/TOT	4265	564	84	23	91	39	15	5081





14343 / ABERGELE  
JULY 2023  
CLASSIFIED TURNING COUNT

SITE: 1

DATE: 12-07-2023

LOCATION: A547 Market Street / A548 Chapel Street

DAY: Wednesday

TIME	FROM ARM A							TOT
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	
06:00	9	2	1	0	1	0	0	13
06:15	7	3	2	0	1	0	0	13
06:30	12	6	2	0	1	1	0	22
06:45	21	4	1	0	1	0	0	27
H/TOT	49	15	6	0	4	1	0	75
07:00	24	9	2	1	1	0	0	37
07:15	36	6	2	2	2	1	0	49
07:30	34	8	2	0	2	0	0	46
07:45	79	12	2	1	1	0	0	95
H/TOT	173	35	8	4	6	1	0	227
08:00	70	10	4	0	3	0	0	87
08:15	80	13	1	0	2	0	0	96
08:30	82	12	6	0	3	0	1	104
08:45	99	18	0	0	5	1	0	123
H/TOT	331	53	11	0	13	1	1	410
09:00	98	24	1	0	0	0	1	124
09:15	60	15	8	2	4	1	1	91
09:30	48	13	1	1	2	0	0	65
09:45	66	11	3	0	3	0	1	84
H/TOT	272	63	13	3	9	1	3	364
10:00	62	7	1	0	2	0	0	72
10:15	88	9	6	0	4	0	0	107
10:30	103	13	2	0	2	0	0	120
10:45	86	13	2	0	1	1	0	103
H/TOT	339	42	11	0	9	1	0	402
11:00	81	19	3	0	2	0	0	105
11:15	92	9	1	1	1	1	0	105
11:30	76	12	4	2	3	1	0	98
11:45	82	13	4	1	1	0	0	101
H/TOT	331	53	12	4	7	2	0	409
12:00	90	9	4	1	3	0	1	108
12:15	72	9	0	0	0	0	0	81
12:30	69	7	0	2	2	0	2	82
12:45	74	17	2	0	3	0	0	96
H/TOT	305	42	6	3	8	0	3	367
13:00	77	8	0	1	1	2	0	89
13:15	80	11	2	0	1	1	0	95
13:30	81	12	2	2	1	0	0	98
13:45	79	18	2	1	0	2	0	102
H/TOT	317	49	6	4	3	5	0	384
14:00	74	9	2	1	1	0	0	87
14:15	91	15	4	0	2	0	0	112
14:30	76	11	0	0	3	1	0	91
14:45	72	10	1	1	2	0	0	86
H/TOT	313	45	7	2	8	1	0	376
15:00	81	4	0	0	1	2	1	89
15:15	96	12	1	0	3	1	0	113
15:30	100	10	3	0	2	1	1	117
15:45	104	8	0	0	3	1	0	116
H/TOT	381	34	4	0	9	5	2	435
16:00	92	12	0	0	1	0	0	105
16:15	105	14	0	0	2	0	0	121
16:30	78	11	0	0	3	2	0	94
16:45	106	13	0	0	1	3	0	123
H/TOT	381	50	0	0	7	5	0	443
17:00	136	16	0	0	3	1	0	156
17:15	116	17	1	0	0	2	0	136
17:30	118	7	0	0	2	1	1	129
17:45	112	9	1	0	1	1	0	124
H/TOT	482	49	2	0	6	5	1	545
18:00	100	6	0	0	1	0	0	107
18:15	103	5	0	0	2	0	1	111
18:30	80	8	0	1	1	1	0	91
18:45	98	6	1	0	1	1	0	107
H/TOT	381	25	1	1	5	2	1	416
19:00	81	4	0	0	0	1	0	86
19:15	68	7	0	0	1	1	0	77
19:30	75	1	0	0	1	1	1	79
19:45	55	4	0	0	1	1	0	61
H/TOT	279	16	0	0	3	4	1	303
P/TOT	4334	571	87	21	97	34	12	5156





14343 / ABERGELE  
JULY 2023  
CLASSIFIED TURNING COUNT

SITE: 1

DATE: 12-07-2023

LOCATION: A547 Market Street / A548 Chapel Street

DAY: Wednesday

TIME	TO ARM B							TOT
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	
06:00	3	0	0	0	0	0	0	3
06:15	4	1	0	0	0	0	0	5
06:30	8	3	0	0	0	0	0	11
06:45	11	3	1	0	0	0	0	15
H/TOT	26	7	1	0	0	0	0	34
07:00	8	4	2	1	0	0	0	15
07:15	22	2	0	0	0	0	0	24
07:30	21	4	0	0	0	0	0	25
07:45	48	9	0	0	0	0	0	57
H/TOT	99	19	2	1	0	0	0	121
08:00	48	4	2	0	0	0	0	54
08:15	56	9	2	0	0	0	0	67
08:30	63	7	2	0	1	0	0	73
08:45	54	12	0	0	0	1	0	67
H/TOT	221	32	6	0	1	1	0	261
09:00	61	13	1	0	0	0	2	77
09:15	39	11	4	2	0	1	1	58
09:30	22	11	1	1	0	0	0	35
09:45	43	11	3	0	1	0	0	58
H/TOT	165	46	9	3	1	1	3	228
10:00	24	3	0	0	0	0	0	27
10:15	54	7	4	0	1	0	0	66
10:30	55	9	2	0	0	0	0	66
10:45	29	6	1	0	0	0	0	36
H/TOT	162	25	7	0	1	0	0	195
11:00	35	11	1	0	0	0	0	47
11:15	43	1	1	1	0	1	0	47
11:30	35	9	2	1	0	1	0	48
11:45	37	10	2	0	1	0	1	51
H/TOT	150	31	6	2	1	2	1	193
12:00	48	5	4	1	0	0	1	59
12:15	40	6	2	0	0	0	0	48
12:30	35	5	0	2	0	0	0	42
12:45	36	10	2	0	0	0	0	48
H/TOT	159	26	8	3	0	0	1	197
13:00	40	7	0	1	0	0	0	48
13:15	50	13	1	0	0	1	0	65
13:30	32	8	2	0	0	0	0	42
13:45	31	10	1	1	0	2	0	45
H/TOT	153	38	4	2	0	3	0	200
14:00	32	4	1	1	0	0	0	38
14:15	50	11	3	0	1	0	0	65
14:30	33	4	0	0	0	0	0	37
14:45	38	7	1	1	1	0	0	48
H/TOT	153	26	5	2	2	0	0	188
15:00	32	4	2	0	0	1	1	40
15:15	57	8	1	0	1	0	0	67
15:30	57	6	1	0	0	1	1	66
15:45	60	5	0	0	0	1	0	66
H/TOT	206	23	4	0	1	3	2	239
16:00	47	9	0	0	0	0	0	56
16:15	62	5	0	0	0	0	0	67
16:30	43	8	0	0	1	1	0	53
16:45	51	6	0	0	0	2	0	59
H/TOT	203	28	0	0	1	3	0	235
17:00	85	9	0	0	0	0	0	94
17:15	66	10	1	0	0	1	0	78
17:30	80	6	0	0	0	0	1	87
17:45	58	7	1	0	0	0	0	66
H/TOT	289	32	2	0	0	1	1	325
18:00	53	6	0	0	0	0	0	59
18:15	59	3	0	0	0	0	1	63
18:30	43	4	0	0	0	0	0	47
18:45	50	2	0	0	0	0	0	52
H/TOT	205	15	0	0	0	0	1	221
19:00	40	1	0	0	0	0	0	41
19:15	44	4	0	0	0	0	0	48
19:30	38	3	0	0	0	0	1	42
19:45	37	2	0	0	0	0	0	39
H/TOT	159	10	0	0	0	0	1	170
P/TOT	2350	358	54	13	8	14	10	2807





14343 / ABERGELE  
JULY 2023  
CLASSIFIED TURNING COUNT

SITE: 1

DATE: 12-07-2023

LOCATION: A547 Market Street / A548 Chapel Street

DAY: Wednesday

TIME	FROM ARM B							TOT
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	
06:00	12	2	0	0	0	0	0	14
06:15	13	0	0	0	0	1	0	14
06:30	20	5	0	0	0	1	0	26
06:45	21	2	0	0	0	0	1	24
H/TOT	66	9	0	0	0	2	1	78
07:00	24	7	1	0	0	0	0	32
07:15	22	5	0	0	0	0	0	27
07:30	43	3	0	0	0	0	0	46
07:45	39	8	0	0	0	0	1	48
H/TOT	128	23	1	0	0	0	1	153
08:00	63	4	1	3	0	0	0	71
08:15	59	5	1	0	0	0	0	65
08:30	84	7	0	0	0	0	0	91
08:45	59	6	0	0	0	0	0	65
H/TOT	265	22	2	3	0	0	0	292
09:00	42	8	2	0	0	0	0	52
09:15	52	6	1	0	0	0	1	60
09:30	51	8	3	1	0	0	0	63
09:45	37	4	1	0	1	0	0	43
H/TOT	182	26	7	1	1	0	1	218
10:00	44	9	1	0	0	0	0	54
10:15	42	8	2	1	1	0	1	55
10:30	38	7	1	1	0	0	0	47
10:45	45	3	0	1	0	1	1	51
H/TOT	169	27	4	3	1	1	2	207
11:00	31	1	1	1	2	0	0	36
11:15	39	7	2	0	1	0	0	49
11:30	31	2	3	0	0	0	0	36
11:45	39	10	0	0	0	0	0	49
H/TOT	140	20	6	1	3	0	0	170
12:00	31	7	1	0	1	0	0	40
12:15	49	3	3	0	1	1	0	57
12:30	32	4	1	0	0	0	0	37
12:45	33	5	4	1	0	0	0	43
H/TOT	145	19	9	1	2	1	0	177
13:00	36	9	2	0	0	1	1	49
13:15	44	10	2	2	0	0	0	58
13:30	39	11	0	1	0	0	0	51
13:45	38	5	2	0	0	0	1	46
H/TOT	157	35	6	3	0	1	2	204
14:00	42	8	2	2	0	1	0	55
14:15	46	7	1	1	0	0	0	55
14:30	38	9	4	0	2	0	0	53
14:45	28	9	1	0	0	1	0	39
H/TOT	154	33	8	3	2	2	0	202
15:00	54	11	2	0	1	1	0	69
15:15	43	9	0	1	0	1	0	54
15:30	44	5	1	0	0	0	0	50
15:45	61	11	1	1	0	2	0	76
H/TOT	202	36	4	2	1	4	0	249
16:00	53	9	1	0	0	0	0	63
16:15	48	9	1	0	1	0	0	59
16:30	66	3	1	0	1	0	0	71
16:45	65	11	0	0	1	0	0	77
H/TOT	232	32	3	0	3	0	0	270
17:00	59	6	0	0	0	0	0	65
17:15	69	5	1	0	0	2	1	78
17:30	62	3	0	0	0	0	0	65
17:45	67	4	0	0	1	0	0	72
H/TOT	257	18	1	0	1	2	1	280
18:00	41	4	0	0	0	1	0	46
18:15	39	5	0	0	0	0	0	44
18:30	43	2	0	0	0	0	0	45
18:45	34	1	0	0	0	0	0	35
H/TOT	157	12	0	0	0	1	0	170
19:00	41	0	0	1	0	0	1	43
19:15	41	4	1	0	0	0	1	47
19:30	29	3	0	0	0	0	0	32
19:45	20	2	0	0	0	1	0	23
H/TOT	131	9	1	1	0	1	2	145
P/TOT	2385	321	52	18	14	15	10	2815





14343 / ABERGELE  
JULY 2023  
CLASSIFIED TURNING COUNT

SITE: 1

DATE: 12-07-2023

LOCATION: A547 Market Street / A548 Chapel Street

DAY: Wednesday

TIME	TO ARM C							TOT
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	
06:00	6	2	1	0	1	0	0	10
06:15	3	3	2	0	1	0	0	9
06:30	6	3	2	0	1	1	0	13
06:45	14	2	1	0	1	0	0	18
H/TOT	29	10	6	0	4	1	0	50
07:00	18	7	0	0	1	0	0	26
07:15	17	5	2	2	2	1	0	29
07:30	22	6	2	0	2	0	0	32
07:45	38	4	2	1	1	0	0	46
H/TOT	95	22	6	3	6	1	0	133
08:00	34	7	2	1	3	0	0	47
08:15	37	5	2	0	2	0	0	46
08:30	37	8	4	0	3	0	1	53
08:45	61	6	0	0	5	0	0	72
H/TOT	169	26	8	1	13	0	1	218
09:00	50	12	1	0	0	0	0	63
09:15	38	8	4	0	4	0	0	54
09:30	48	7	0	0	2	0	0	57
09:45	49	4	0	0	3	0	1	57
H/TOT	185	31	5	0	9	0	1	231
10:00	55	4	1	0	2	0	0	62
10:15	63	3	3	0	4	0	0	73
10:30	67	8	0	1	2	0	0	78
10:45	75	9	2	1	1	1	1	90
H/TOT	260	24	6	2	9	1	1	303
11:00	60	9	3	0	3	0	0	75
11:15	69	11	0	0	2	0	0	82
11:30	59	6	3	1	3	0	0	72
11:45	62	10	2	1	0	0	0	75
H/TOT	250	36	8	2	8	0	0	304
12:00	64	9	1	0	4	0	0	78
12:15	51	6	1	0	1	0	0	59
12:30	51	3	0	0	2	0	2	58
12:45	55	11	1	0	3	0	0	70
H/TOT	221	29	3	0	10	0	2	265
13:00	48	7	0	0	1	2	0	58
13:15	52	8	1	1	1	0	0	63
13:30	61	7	0	2	1	0	0	71
13:45	71	9	1	1	0	0	0	82
H/TOT	232	31	2	4	3	2	0	274
14:00	65	8	1	0	1	0	0	75
14:15	57	4	2	1	1	0	0	65
14:30	64	11	2	0	4	1	0	82
14:45	45	6	0	0	1	0	0	52
H/TOT	231	29	5	1	7	1	0	274
15:00	62	1	1	0	2	1	0	67
15:15	57	7	0	0	2	1	0	67
15:30	69	7	3	0	2	0	0	81
15:45	75	3	0	0	3	0	0	81
H/TOT	263	18	4	0	9	2	0	296
16:00	67	6	0	0	1	0	0	74
16:15	70	11	0	0	2	0	0	83
16:30	52	6	0	0	3	1	0	62
16:45	74	9	0	0	2	1	0	86
H/TOT	263	32	0	0	8	2	0	305
17:00	74	10	0	0	3	1	0	88
17:15	73	10	0	0	0	1	0	84
17:30	72	3	0	0	2	1	0	78
17:45	90	7	0	0	1	1	0	99
H/TOT	309	30	0	0	6	4	0	349
18:00	68	2	0	0	1	0	0	71
18:15	65	3	0	0	2	0	0	70
18:30	60	5	0	1	1	1	0	68
18:45	75	5	1	0	1	1	0	83
H/TOT	268	15	1	1	5	2	0	292
19:00	65	3	0	0	0	1	0	69
19:15	47	5	1	0	1	1	0	55
19:30	56	1	0	0	1	1	0	59
19:45	33	2	0	0	1	1	0	37
H/TOT	201	11	1	0	3	4	0	220
P/TOT	2976	344	55	14	100	20	5	3514





14343 / ABERGELE  
JULY 2023  
CLASSIFIED TURNING COUNT

SITE: 1

DATE: 12-07-2023

LOCATION: A547 Market Street / A548 Chapel Street

DAY: Wednesday

TIME	FROM ARM C							TOT
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	
06:00	7	4	0	0	0	0	0	11
06:15	8	3	0	0	0	0	0	11
06:30	21	3	0	1	0	0	0	25
06:45	24	3	1	0	2	1	0	31
H/TOT	60	13	1	1	2	1	0	78
07:00	20	6	2	0	0	0	0	28
07:15	25	5	0	0	2	2	0	34
07:30	47	8	1	0	0	0	0	56
07:45	54	11	0	0	1	1	0	67
H/TOT	146	30	3	0	3	3	0	185
08:00	43	3	2	0	2	0	0	50
08:15	47	9	6	0	2	0	0	64
08:30	56	4	3	0	2	0	0	65
08:45	46	5	1	0	2	1	0	55
H/TOT	192	21	12	0	8	1	0	234
09:00	36	5	4	0	2	0	1	48
09:15	43	5	0	0	1	1	0	50
09:30	42	11	4	0	1	0	0	58
09:45	56	8	2	0	2	0	0	68
H/TOT	177	29	10	0	6	1	1	224
10:00	35	7	2	1	2	0	0	47
10:15	60	7	1	1	1	0	0	70
10:30	45	8	1	1	1	0	0	56
10:45	46	7	1	1	2	0	0	57
H/TOT	186	29	5	4	6	0	0	230
11:00	49	8	0	1	3	0	0	61
11:15	54	4	2	0	2	0	0	62
11:30	60	10	1	0	3	0	1	75
11:45	57	14	1	0	1	0	1	74
H/TOT	220	36	4	1	9	0	2	272
12:00	76	7	2	0	1	0	0	86
12:15	73	7	3	1	2	0	0	86
12:30	65	12	3	0	2	1	0	83
12:45	60	12	1	0	1	2	0	76
H/TOT	274	38	9	1	6	3	0	331
13:00	53	11	1	0	1	1	0	67
13:15	58	7	0	0	3	1	0	69
13:30	56	8	2	0	1	1	0	68
13:45	60	2	0	1	2	0	0	65
H/TOT	227	28	3	1	7	3	0	269
14:00	65	8	1	0	1	1	0	76
14:15	43	5	1	2	1	0	0	52
14:30	55	11	0	0	3	0	0	69
14:45	66	6	0	0	2	2	0	76
H/TOT	229	30	2	2	7	3	0	273
15:00	52	9	3	0	2	0	0	66
15:15	70	8	0	1	1	1	0	81
15:30	58	4	0	0	2	0	0	64
15:45	58	3	0	0	3	0	0	64
H/TOT	238	24	3	1	8	1	0	275
16:00	55	4	0	0	2	1	0	62
16:15	76	8	1	0	1	1	0	87
16:30	49	12	0	0	2	1	0	64
16:45	64	11	0	0	3	0	0	78
H/TOT	244	35	1	0	8	3	0	291
17:00	64	11	1	0	1	1	0	78
17:15	71	6	0	0	3	0	0	80
17:30	72	5	0	0	2	1	0	80
17:45	80	9	0	0	1	0	0	90
H/TOT	287	31	1	0	7	2	0	328
18:00	56	7	0	0	1	0	1	65
18:15	55	2	0	0	3	0	1	61
18:30	61	3	0	0	1	1	0	66
18:45	51	6	0	0	1	0	3	61
H/TOT	223	18	0	0	6	1	5	253
19:00	55	2	0	0	1	1	0	59
19:15	53	4	0	0	1	0	0	58
19:30	32	6	0	0	2	1	0	41
19:45	29	0	0	0	1	0	0	30
H/TOT	169	12	0	0	5	2	0	188
P/TOT	2872	374	54	11	88	24	8	3431





14343 / ABERGELE  
JULY 2023  
CLASSIFIED TURNING COUNT

SITE: 1

DATE: 12-07-2023

LOCATION: A547 Market Street / A548 Chapel Street

DAY: Wednesday

TIME	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
06:00	28	8	1	0	1	0	0	38
06:15	28	6	2	0	1	1	0	38
06:30	53	14	2	1	1	2	0	73
06:45	66	9	2	0	3	1	1	82
H/TOT	175	37	7	1	6	4	1	231
07:00	68	22	5	1	1	0	0	97
07:15	83	16	2	2	4	3	0	110
07:30	124	19	3	0	2	0	0	148
07:45	172	31	2	1	2	1	1	210
H/TOT	447	88	12	4	9	4	1	565
08:00	176	17	7	3	5	0	0	208
08:15	186	27	8	0	4	0	0	225
08:30	222	23	9	0	5	0	1	260
08:45	204	29	1	0	7	2	0	243
H/TOT	788	96	25	3	21	2	1	936
09:00	176	37	7	0	2	0	2	224
09:15	155	26	9	2	5	2	2	201
09:30	141	32	8	2	3	0	0	186
09:45	159	23	6	0	6	0	1	195
H/TOT	631	118	30	4	16	2	5	806
10:00	141	23	4	1	4	0	0	173
10:15	190	24	9	2	6	0	1	232
10:30	186	28	4	2	3	0	0	223
10:45	177	23	3	2	3	2	1	211
H/TOT	694	98	20	7	16	2	2	839
11:00	161	28	4	2	7	0	0	202
11:15	185	20	5	1	4	1	0	216
11:30	167	24	8	2	6	1	1	209
11:45	178	37	5	1	2	0	1	224
H/TOT	691	109	22	6	19	2	2	851
12:00	197	23	7	1	5	0	1	234
12:15	194	19	6	1	3	1	0	224
12:30	166	23	4	2	4	1	2	202
12:45	167	34	7	1	4	2	0	215
H/TOT	724	99	24	5	16	4	3	875
13:00	166	28	3	1	2	4	1	205
13:15	182	28	4	2	4	2	0	222
13:30	176	31	4	3	2	1	0	217
13:45	177	25	4	2	2	2	1	213
H/TOT	701	112	15	8	10	9	2	857
14:00	181	25	5	3	2	2	0	218
14:15	180	27	6	3	3	0	0	219
14:30	169	31	4	0	8	1	0	213
14:45	166	25	2	1	4	3	0	201
H/TOT	696	108	17	7	17	6	0	851
15:00	187	24	5	0	4	3	1	224
15:15	209	29	1	2	4	3	0	248
15:30	202	19	4	0	4	1	1	231
15:45	223	22	1	1	6	3	0	256
H/TOT	821	94	11	3	18	10	2	959
16:00	200	25	1	0	3	1	0	230
16:15	229	31	2	0	4	1	0	267
16:30	193	26	1	0	6	3	0	229
16:45	235	35	0	0	5	3	0	278
H/TOT	857	117	4	0	18	8	0	1004
17:00	259	33	1	0	4	2	0	299
17:15	256	28	2	0	3	4	1	294
17:30	252	15	0	0	4	2	1	274
17:45	259	22	1	0	3	1	0	286
H/TOT	1026	98	4	0	14	9	2	1153
18:00	197	17	0	0	2	1	1	218
18:15	197	12	0	0	5	0	2	216
18:30	184	13	0	1	2	2	0	202
18:45	183	13	1	0	2	1	3	203
H/TOT	761	55	1	1	11	4	6	839
19:00	177	6	0	1	1	2	1	188
19:15	162	15	1	0	2	1	1	182
19:30	136	10	0	0	3	2	1	152
19:45	104	6	0	0	2	2	0	114
H/TOT	579	37	1	1	8	7	3	636
P/TOT	9591	1266	193	50	199	73	30	11402

PEAK HOUR CALCULATION	TOT
06:00 to 07:00	231
06:15 to 07:15	290
06:30 to 07:30	362
06:45 to 07:45	437
07:00 to 08:00	565
07:15 to 08:15	676
07:30 to 08:30	791
07:45 to 08:45	903
08:00 to 09:00	936
08:15 to 09:15	952
08:30 to 09:30	928
08:45 to 09:45	854
09:00 to 10:00	806
09:15 to 10:15	755
09:30 to 10:30	786
09:45 to 10:45	823
A.M. Peak	952
10:00 to 11:00	839
10:15 to 11:15	868
10:30 to 11:30	852
10:45 to 11:45	838
11:00 to 12:00	851
11:15 to 12:15	883
11:30 to 12:30	891
11:45 to 12:45	884
12:00 to 13:00	875
12:15 to 13:15	846
12:30 to 13:30	844
12:45 to 13:45	859
13:00 to 14:00	857
13:15 to 14:15	870
13:30 to 14:30	867
13:45 to 14:45	863
14:00 to 15:00	851
14:15 to 15:15	857
14:30 to 15:30	886
14:45 to 15:45	904
15:00 to 16:00	959
15:15 to 16:15	965
15:30 to 16:30	984
15:45 to 16:45	982
Inter Peak	959
16:00 to 17:00	1004
16:15 to 17:15	1073
16:30 to 17:30	1100
16:45 to 17:45	1145
17:00 to 18:00	1153
17:15 to 18:15	1072
17:30 to 18:30	994
17:45 to 18:45	922
18:00 to 19:00	839
18:15 to 19:15	809
18:30 to 19:30	775
18:45 to 19:45	725
19:00 to 20:00	636
P.M. Peak	1153





SITE: 2

DATE: 12-07-2023

LOCATION: A547 Market Street / A548 Water Street

DAY: Wednesday

TIME	CAR	LGV	OGV1	A to B OGV2	PSV	MCL	PCL	TOT
06:00	4	0	0	0	0	0	0	4
06:15	2	0	0	0	0	0	0	2
06:30	3	1	0	0	0	0	0	4
06:45	3	0	0	1	0	0	0	4
H/TOT	12	1	0	1	0	0	0	14
07:00	5	0	0	0	0	0	0	5
07:15	5	2	0	0	0	0	0	7
07:30	5	1	0	0	0	0	0	6
07:45	7	2	0	0	0	0	1	10
H/TOT	22	5	0	0	0	0	1	28
08:00	11	5	0	0	0	0	1	17
08:15	13	1	0	0	2	0	0	16
08:30	12	2	2	0	1	0	0	17
08:45	16	1	1	0	0	0	0	18
H/TOT	52	9	3	0	3	0	1	68
09:00	6	1	1	0	2	0	0	10
09:15	7	3	1	0	1	0	0	12
09:30	13	4	1	0	0	0	0	18
09:45	9	5	1	0	0	0	0	15
H/TOT	35	13	4	0	3	0	0	55
10:00	5	1	0	2	1	0	0	9
10:15	8	1	0	0	1	0	0	10
10:30	8	4	0	1	0	0	0	13
10:45	9	0	0	0	0	0	0	9
H/TOT	30	6	0	3	2	0	0	41
11:00	12	2	0	0	0	0	0	14
11:15	9	0	1	0	0	0	0	10
11:30	9	2	0	0	0	0	0	11
11:45	6	0	0	0	0	0	0	6
H/TOT	36	4	1	0	0	0	0	41
12:00	17	2	0	0	0	0	0	19
12:15	13	0	2	0	0	0	0	15
12:30	18	2	1	0	0	1	0	22
12:45	5	2	0	1	0	0	0	8
H/TOT	53	6	3	1	0	1	0	64
13:00	11	2	0	0	0	0	0	13
13:15	11	3	0	0	0	0	0	14
13:30	17	0	0	0	0	0	0	17
13:45	11	3	2	0	0	0	0	16
H/TOT	50	8	2	0	0	0	0	60
14:00	14	1	0	0	0	0	0	15
14:15	18	2	0	0	0	0	0	20
14:30	21	1	0	0	0	0	0	22
14:45	12	4	1	0	0	0	0	17
H/TOT	65	8	1	0	0	0	0	74
15:00	18	9	1	1	1	0	0	30
15:15	16	0	1	0	0	0	0	17
15:30	17	1	0	0	0	0	0	18
15:45	11	1	0	1	0	1	0	14
H/TOT	62	11	2	2	1	1	0	79
16:00	12	3	1	0	1	0	0	17
16:15	15	1	0	0	0	0	0	16
16:30	10	2	0	0	0	0	0	12
16:45	18	0	0	0	0	0	0	18
H/TOT	55	6	1	0	1	0	0	63
17:00	11	4	0	0	0	0	0	15
17:15	6	2	0	0	0	0	0	8
17:30	8	1	0	0	0	0	0	9
17:45	10	1	0	0	0	0	0	11
H/TOT	35	8	0	0	0	0	0	43
18:00	7	1	0	0	0	0	0	8
18:15	12	0	0	0	0	0	0	12
18:30	8	3	0	0	0	0	0	11
18:45	12	1	0	0	0	0	0	13
H/TOT	39	5	0	0	0	0	0	44
19:00	8	1	0	0	0	0	0	9
19:15	5	0	0	0	0	0	0	5
19:30	5	0	0	0	0	0	0	5
19:45	7	1	0	0	0	0	0	8
H/TOT	25	2	0	0	0	0	0	27
P/TOT	571	92	17	7	10	2	2	701





SITE: 2

DATE: 12-07-2023

LOCATION: A547 Market Street / A548 Water Street

DAY: Wednesday

TIME	CAR	LGV	OGV1	A to C OGV2	PSV	MCL	PCL	TOT
06:00	2	0	1	0	1	0	0	4
06:15	1	1	1	0	1	0	0	4
06:30	5	1	0	0	1	0	0	7
06:45	2	2	0	0	1	0	0	5
H/TOT	10	4	2	0	4	0	0	20
07:00	9	2	0	0	1	0	0	12
07:15	14	1	0	0	2	0	0	17
07:30	12	3	0	0	1	0	0	16
07:45	28	4	0	0	0	0	0	32
H/TOT	63	10	0	0	4	0	0	77
08:00	29	5	2	0	1	0	0	37
08:15	30	6	2	0	2	0	0	40
08:30	35	7	2	0	1	0	0	45
08:45	37	9	0	0	2	1	0	49
H/TOT	131	27	6	0	6	1	0	171
09:00	37	11	0	0	0	0	0	48
09:15	26	9	3	0	4	0	1	43
09:30	20	3	0	0	1	0	0	24
09:45	28	4	3	0	2	0	0	37
H/TOT	111	27	6	0	7	0	1	152
10:00	29	5	0	0	1	0	0	35
10:15	36	2	1	0	3	0	0	42
10:30	42	4	0	0	2	0	0	48
10:45	31	6	1	0	1	0	0	39
H/TOT	138	17	2	0	7	0	0	164
11:00	30	7	1	0	1	0	0	39
11:15	37	1	2	0	1	0	1	42
11:30	34	5	0	0	3	0	0	42
11:45	34	3	0	0	1	1	0	39
H/TOT	135	16	3	0	6	1	1	162
12:00	42	4	1	0	2	0	0	49
12:15	22	6	0	0	0	0	0	28
12:30	20	6	0	1	2	0	1	30
12:45	14	6	2	0	2	0	0	24
H/TOT	98	22	3	1	6	0	1	131
13:00	20	3	0	0	1	1	0	25
13:15	27	4	0	0	1	0	0	32
13:30	34	5	0	2	0	0	0	41
13:45	29	8	0	0	0	0	0	37
H/TOT	110	20	0	2	2	1	0	135
14:00	27	3	0	0	1	0	0	31
14:15	38	7	2	0	1	0	0	48
14:30	18	5	0	0	2	0	0	25
14:45	25	2	0	0	2	0	0	29
H/TOT	108	17	2	0	6	0	0	133
15:00	27	1	0	0	1	1	1	31
15:15	46	3	0	0	2	1	0	52
15:30	35	5	0	0	1	1	1	43
15:45	49	4	0	0	2	1	0	56
H/TOT	157	13	0	0	6	4	2	182
16:00	39	2	0	0	1	0	0	42
16:15	34	7	0	0	1	0	0	42
16:30	32	5	0	0	2	0	0	39
16:45	38	4	0	0	1	1	0	44
H/TOT	143	18	0	0	5	1	0	167
17:00	47	3	0	0	2	0	0	52
17:15	36	11	1	0	0	1	0	49
17:30	43	2	0	0	2	0	0	47
17:45	34	3	0	0	1	0	0	38
H/TOT	160	19	1	0	5	1	0	186
18:00	34	2	0	0	1	0	0	37
18:15	28	1	0	0	1	0	1	31
18:30	30	2	0	0	0	1	0	33
18:45	40	0	0	0	1	0	0	41
H/TOT	132	5	0	0	3	1	1	142
19:00	20	2	0	0	0	2	1	25
19:15	21	0	0	0	1	0	0	22
19:30	27	0	0	0	0	1	0	28
19:45	19	0	0	0	1	0	0	20
H/TOT	87	2	0	0	2	3	1	95
P/TOT	1583	217	25	3	69	13	7	1917





14343 / ABERGELE  
JULY 2023  
CLASSIFIED TURNING COUNT

SITE: 2

DATE: 12-07-2023

LOCATION: A547 Market Street / A548 Water Street

DAY: Wednesday

TIME	CAR	LGV	OGV1	B to C OGV2	PSV	MCL	PCL	TOT
06:00	7	3	0	0	0	0	0	10
06:15	5	3	1	0	0	0	0	9
06:30	7	3	2	0	0	1	0	13
06:45	20	2	1	0	0	0	0	23
H/TOT	39	11	4	0	0	1	0	55
07:00	16	6	2	1	0	0	0	25
07:15	22	3	2	2	0	1	0	30
07:30	20	5	2	0	1	0	0	28
07:45	52	8	2	1	1	0	0	64
H/TOT	110	22	8	4	2	1	0	147
08:00	41	5	2	0	2	0	0	50
08:15	50	7	1	0	0	0	0	58
08:30	47	5	2	0	2	0	1	57
08:45	67	9	0	0	3	0	0	79
H/TOT	205	26	5	0	7	0	1	244
09:00	56	14	1	1	0	0	1	73
09:15	32	6	5	1	0	1	0	45
09:30	30	11	1	1	1	0	0	44
09:45	40	6	0	0	1	0	0	47
H/TOT	158	37	7	3	2	1	1	209
10:00	35	4	1	0	1	0	0	41
10:15	52	7	5	0	1	0	0	65
10:30	66	7	2	0	0	0	0	75
10:45	50	9	1	0	0	1	0	61
H/TOT	203	27	9	0	2	1	0	242
11:00	48	13	2	0	1	0	0	64
11:15	56	5	0	1	0	0	0	62
11:30	42	8	4	2	0	1	0	57
11:45	50	9	3	1	0	0	0	63
H/TOT	196	35	9	4	1	1	0	246
12:00	45	5	3	1	1	0	0	55
12:15	49	3	0	0	0	0	0	52
12:30	50	2	0	1	0	0	1	54
12:45	58	13	0	0	1	0	0	72
H/TOT	202	23	3	2	2	0	1	233
13:00	56	5	0	1	0	1	0	63
13:15	53	5	2	0	0	1	0	61
13:30	51	8	2	0	1	0	0	62
13:45	50	10	2	1	0	3	0	66
H/TOT	210	28	6	2	1	5	0	252
14:00	43	8	2	1	0	0	0	54
14:15	57	6	2	0	1	0	0	66
14:30	54	8	0	0	1	0	0	63
14:45	51	8	1	1	0	0	0	61
H/TOT	205	30	5	2	2	0	0	244
15:00	56	5	0	0	0	1	0	62
15:15	55	7	1	0	1	0	0	64
15:30	61	5	3	0	1	1	0	71
15:45	57	2	0	0	1	0	0	60
H/TOT	229	19	4	0	3	2	0	257
16:00	55	11	0	0	0	0	0	66
16:15	74	6	0	0	1	0	0	81
16:30	43	6	0	0	1	2	0	52
16:45	66	9	0	0	0	1	0	76
H/TOT	238	32	0	0	2	3	0	275
17:00	89	13	0	0	1	1	0	104
17:15	78	6	0	0	0	1	0	85
17:30	74	5	0	0	0	1	0	80
17:45	76	6	1	0	1	1	0	85
H/TOT	317	30	1	0	2	4	0	354
18:00	66	5	0	0	0	0	0	71
18:15	77	3	0	0	0	0	0	80
18:30	50	6	0	1	1	1	0	59
18:45	55	6	1	0	0	0	0	62
H/TOT	248	20	1	1	1	1	0	272
19:00	61	3	0	0	0	0	0	64
19:15	47	6	0	0	0	0	0	53
19:30	49	1	0	0	1	0	0	51
19:45	34	4	0	0	0	1	0	39
H/TOT	191	14	0	0	1	1	0	207
P/TOT	2751	354	62	18	28	21	3	3237





SITE: 2

DATE: 12-07-2023

LOCATION: A547 Market Street / A548 Water Street

DAY: Wednesday

TIME	CAR	LGV	OGV1	B to A OGV2	PSV	MCL	PCL	TOT
06:00	0	0	0	0	0	0	1	1
06:15	0	0	0	0	0	0	0	0
06:30	4	0	0	0	0	0	0	4
06:45	1	0	0	0	0	0	0	1
H/TOT	5	0	0	0	0	0	1	6
07:00	0	1	1	0	0	0	0	2
07:15	1	0	0	0	0	0	0	1
07:30	4	2	0	0	0	0	0	6
07:45	11	6	2	2	0	0	0	21
H/TOT	16	9	3	2	0	0	0	30
08:00	16	5	0	0	0	0	0	21
08:15	4	2	3	0	1	0	0	10
08:30	14	5	2	0	1	0	0	22
08:45	11	3	1	0	1	0	0	16
H/TOT	45	15	6	0	3	0	0	69
09:00	7	1	1	0	0	0	0	9
09:15	11	5	1	1	0	0	0	18
09:30	8	0	0	0	0	0	1	9
09:45	4	3	0	0	0	0	0	7
H/TOT	30	9	2	1	0	0	1	43
10:00	4	4	1	0	0	0	0	9
10:15	12	1	0	0	0	0	0	13
10:30	8	1	0	0	0	0	0	9
10:45	11	1	1	0	0	0	0	13
H/TOT	35	7	2	0	0	0	0	44
11:00	8	3	0	1	0	0	1	13
11:15	9	1	0	0	0	0	0	10
11:30	10	3	0	0	0	0	0	13
11:45	7	0	0	0	0	0	0	7
H/TOT	34	7	0	1	0	0	1	43
12:00	6	1	0	0	0	0	2	9
12:15	14	3	3	0	0	0	0	20
12:30	10	1	0	0	0	0	0	11
12:45	12	1	1	0	0	1	0	15
H/TOT	42	6	4	0	0	1	2	55
13:00	12	2	2	0	0	0	0	16
13:15	4	2	0	0	0	0	0	6
13:30	11	1	0	0	0	0	0	12
13:45	8	0	0	0	0	0	0	8
H/TOT	35	5	2	0	0	0	0	42
14:00	18	2	0	0	0	0	0	20
14:15	9	1	0	0	0	0	0	10
14:30	9	1	0	1	0	0	0	11
14:45	6	3	0	0	0	0	0	9
H/TOT	42	7	0	1	0	0	0	50
15:00	7	3	0	0	0	0	0	10
15:15	9	2	0	1	1	0	0	13
15:30	11	2	0	0	0	0	0	13
15:45	2	0	0	0	0	0	0	2
H/TOT	29	7	0	1	1	0	0	38
16:00	8	3	0	0	0	1	0	12
16:15	7	0	0	1	0	0	0	8
16:30	10	0	0	0	0	0	0	10
16:45	8	1	0	0	0	0	1	10
H/TOT	33	4	0	1	0	1	1	40
17:00	10	1	0	0	0	0	1	12
17:15	11	1	0	0	0	0	0	12
17:30	7	0	1	0	1	0	0	9
17:45	13	1	0	0	0	0	0	14
H/TOT	41	3	1	0	1	0	1	47
18:00	14	1	0	0	0	0	0	15
18:15	10	2	0	0	0	0	0	12
18:30	16	1	0	0	0	0	0	17
18:45	7	1	0	0	0	0	0	8
H/TOT	47	5	0	0	0	0	0	52
19:00	8	2	0	0	0	1	0	11
19:15	9	0	0	0	0	0	0	9
19:30	4	0	0	0	0	1	0	5
19:45	7	0	0	0	1	0	0	8
H/TOT	28	2	0	0	1	2	0	33
P/TOT	462	86	20	7	6	4	7	592





SITE: 2

DATE: 12-07-2023

LOCATION: A547 Market Street / A548 Water Street

DAY: Wednesday

TIME	CAR	LGV	OGV1	C to A OGV2	PSV	MCL	PCL	TOT
06:00	4	2	0	0	0	0	0	6
06:15	3	0	0	0	0	0	0	3
06:30	7	2	0	0	0	0	0	9
06:45	10	1	0	0	1	0	1	13
H/TOT	24	5	0	0	1	0	1	31
07:00	6	0	0	0	0	0	0	6
07:15	10	0	0	0	1	0	0	11
07:30	10	1	0	0	0	0	0	11
07:45	17	1	0	0	1	0	0	19
H/TOT	43	2	0	0	2	0	0	47
08:00	24	1	0	0	1	0	0	26
08:15	26	4	0	0	1	0	0	31
08:30	41	4	0	0	1	0	1	47
08:45	32	3	0	0	1	0	0	36
H/TOT	123	12	0	0	4	0	1	140
09:00	23	4	1	0	1	0	0	29
09:15	29	2	0	0	1	0	1	33
09:30	24	5	1	0	1	0	0	31
09:45	22	3	1	0	2	0	0	28
H/TOT	98	14	3	0	5	0	1	121
10:00	22	6	0	0	1	0	0	29
10:15	28	2	0	0	1	0	0	31
10:30	23	6	0	0	1	0	0	30
10:45	21	1	0	0	1	0	1	24
H/TOT	94	15	0	0	4	0	1	114
11:00	28	0	0	0	2	0	0	30
11:15	22	2	2	0	1	0	0	27
11:30	27	1	2	0	2	0	0	32
11:45	25	5	0	0	1	1	0	32
H/TOT	102	8	4	0	6	1	0	121
12:00	32	2	0	0	1	0	0	35
12:15	31	3	0	0	2	1	0	37
12:30	31	8	1	0	1	0	0	41
12:45	22	6	2	0	1	1	0	32
H/TOT	116	19	3	0	5	2	0	145
13:00	23	6	0	0	1	2	0	32
13:15	26	3	1	0	2	0	0	32
13:30	37	7	1	1	1	0	0	47
13:45	24	1	1	0	1	0	1	28
H/TOT	110	17	3	1	5	2	1	139
14:00	23	4	1	0	0	1	0	29
14:15	28	7	1	0	1	0	0	37
14:30	24	4	0	0	2	0	0	30
14:45	20	6	0	0	2	1	0	29
H/TOT	95	21	2	0	5	2	0	125
15:00	33	7	0	0	1	1	0	42
15:15	31	4	0	0	1	0	0	36
15:30	22	1	0	0	2	0	0	25
15:45	28	6	0	0	1	1	0	36
H/TOT	114	18	0	0	5	2	0	139
16:00	22	2	0	0	2	1	0	27
16:15	28	4	0	0	0	0	0	32
16:30	33	4	0	0	2	0	0	39
16:45	36	11	0	0	2	0	0	49
H/TOT	119	21	0	0	6	1	0	147
17:00	34	5	0	0	1	0	0	40
17:15	37	1	0	0	2	1	1	42
17:30	34	2	0	0	1	0	0	37
17:45	34	2	0	0	1	0	0	37
H/TOT	139	10	0	0	5	1	1	156
18:00	23	2	0	0	1	1	0	27
18:15	18	3	0	0	2	0	1	24
18:30	22	2	0	0	1	0	0	25
18:45	23	1	0	0	1	0	0	25
H/TOT	86	8	0	0	5	1	1	101
19:00	23	0	0	0	0	0	1	24
19:15	29	2	0	0	1	0	0	32
19:30	16	2	0	0	2	0	0	20
19:45	10	0	0	0	1	1	0	12
H/TOT	78	4	0	0	4	1	1	88
P/TOT	1341	174	15	1	62	13	8	1614





SITE: 2

DATE: 12-07-2023

LOCATION: A547 Market Street / A548 Water Street

DAY: Wednesday

TIME	CAR	LGV	OGV1	C to B OGV2	PSV	MCL	PCL	TOT
06:00	15	4	0	0	0	0	0	19
06:15	18	2	0	0	0	1	0	21
06:30	32	6	0	1	0	0	0	39
06:45	31	3	0	0	1	2	0	37
H/TOT	96	15	0	1	1	3	0	116
07:00	35	11	3	0	0	0	0	49
07:15	36	10	0	0	1	1	0	48
07:30	74	9	1	0	0	1	0	85
07:45	67	17	0	0	0	1	1	86
H/TOT	212	47	4	0	1	3	1	268
08:00	69	6	3	2	1	0	0	81
08:15	69	7	4	0	1	0	0	81
08:30	79	4	3	0	0	0	0	86
08:45	57	8	1	0	1	1	0	68
H/TOT	274	25	11	2	3	1	0	316
09:00	42	10	4	0	1	0	0	57
09:15	47	5	1	0	0	1	0	54
09:30	49	9	6	1	0	0	0	65
09:45	44	5	2	0	0	0	0	51
H/TOT	182	29	13	1	1	1	0	227
10:00	41	10	3	1	1	0	0	56
10:15	45	12	2	2	0	0	1	62
10:30	42	4	2	1	0	0	0	49
10:45	52	7	0	0	1	0	0	60
H/TOT	180	33	7	4	2	0	1	227
11:00	38	6	0	3	2	0	0	49
11:15	50	5	2	0	1	0	0	58
11:30	45	8	1	0	1	0	1	56
11:45	54	10	1	0	0	0	0	65
H/TOT	187	29	4	3	4	0	1	228
12:00	51	8	2	0	0	0	0	61
12:15	69	4	3	1	0	0	0	77
12:30	49	8	3	0	1	1	0	62
12:45	54	8	2	1	0	1	0	66
H/TOT	223	28	10	2	1	2	0	266
13:00	60	7	3	0	0	0	1	71
13:15	50	4	1	0	1	1	0	57
13:30	46	9	1	1	0	1	0	58
13:45	55	5	1	0	1	0	0	62
H/TOT	211	25	6	1	2	2	1	248
14:00	58	8	2	2	1	1	0	72
14:15	48	6	0	2	0	0	0	56
14:30	46	12	2	0	2	0	0	62
14:45	64	6	1	0	0	2	0	73
H/TOT	216	32	5	4	3	3	0	263
15:00	63	11	2	0	1	0	0	77
15:15	62	11	0	2	0	2	0	77
15:30	52	5	0	0	0	0	0	57
15:45	63	8	1	1	1	1	0	75
H/TOT	240	35	3	3	2	3	0	286
16:00	65	7	1	0	1	0	0	74
16:15	66	11	2	0	2	1	0	82
16:30	66	9	1	0	0	1	0	77
16:45	71	9	0	0	1	0	0	81
H/TOT	268	36	4	0	4	2	0	314
17:00	69	9	1	0	0	1	0	80
17:15	77	7	1	0	1	1	0	87
17:30	68	4	0	0	1	1	0	74
17:45	77	6	0	0	1	0	0	84
H/TOT	291	26	2	0	3	3	0	325
18:00	57	7	0	0	0	0	1	65
18:15	56	3	0	0	1	0	1	61
18:30	58	2	0	0	0	1	1	62
18:45	34	5	0	0	0	0	3	42
H/TOT	205	17	0	0	1	1	6	230
19:00	49	2	0	1	1	1	0	54
19:15	42	4	0	0	0	0	0	46
19:30	27	4	0	0	0	1	0	32
19:45	25	2	0	0	0	0	0	27
H/TOT	143	12	0	1	1	2	0	159
P/TOT	2928	389	69	22	29	26	10	3473





SITE: 2

DATE: 12-07-2023

LOCATION: A547 Market Street / A548 Water Street

DAY: Wednesday

TIME	TO ARM A							TOT
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	
06:00	4	2	0	0	0	0	1	7
06:15	3	0	0	0	0	0	0	3
06:30	11	2	0	0	0	0	0	13
06:45	11	1	0	0	1	0	1	14
H/TOT	29	5	0	0	1	0	2	37
07:00	6	1	1	0	0	0	0	8
07:15	11	0	0	0	1	0	0	12
07:30	14	3	0	0	0	0	0	17
07:45	28	7	2	2	1	0	0	40
H/TOT	59	11	3	2	2	0	0	77
08:00	40	6	0	0	1	0	0	47
08:15	30	6	3	0	2	0	0	41
08:30	55	9	2	0	2	0	1	69
08:45	43	6	1	0	2	0	0	52
H/TOT	168	27	6	0	7	0	1	209
09:00	30	5	2	0	1	0	0	38
09:15	40	7	1	1	1	0	1	51
09:30	32	5	1	0	1	0	1	40
09:45	26	6	1	0	2	0	0	35
H/TOT	128	23	5	1	5	0	2	164
10:00	26	10	1	0	1	0	0	38
10:15	40	3	0	0	1	0	0	44
10:30	31	7	0	0	1	0	0	39
10:45	32	2	1	0	1	0	1	37
H/TOT	129	22	2	0	4	0	1	158
11:00	36	3	0	1	2	0	1	43
11:15	31	3	2	0	1	0	0	37
11:30	37	4	2	0	2	0	0	45
11:45	32	5	0	0	1	1	0	39
H/TOT	136	15	4	1	6	1	1	164
12:00	38	3	0	0	1	0	2	44
12:15	45	6	3	0	2	1	0	57
12:30	41	9	1	0	1	0	0	52
12:45	34	7	3	0	1	2	0	47
H/TOT	158	25	7	0	5	3	2	200
13:00	35	8	2	0	1	2	0	48
13:15	30	5	1	0	2	0	0	38
13:30	48	8	1	1	1	0	0	59
13:45	32	1	1	0	1	0	1	36
H/TOT	145	22	5	1	5	2	1	181
14:00	41	6	1	0	0	1	0	49
14:15	37	8	1	0	1	0	0	47
14:30	33	5	0	1	2	0	0	41
14:45	26	9	0	0	2	1	0	38
H/TOT	137	28	2	1	5	2	0	175
15:00	40	10	0	0	1	1	0	52
15:15	40	6	0	1	2	0	0	49
15:30	33	3	0	0	2	0	0	38
15:45	30	6	0	0	1	1	0	38
H/TOT	143	25	0	1	6	2	0	177
16:00	30	5	0	0	2	2	0	39
16:15	35	4	0	1	0	0	0	40
16:30	43	4	0	0	2	0	0	49
16:45	44	12	0	0	2	0	1	59
H/TOT	152	25	0	1	6	2	1	187
17:00	44	6	0	0	1	0	1	52
17:15	48	2	0	0	2	1	1	54
17:30	41	2	1	0	2	0	0	46
17:45	47	3	0	0	1	0	0	51
H/TOT	180	13	1	0	6	1	2	203
18:00	37	3	0	0	1	1	0	42
18:15	28	5	0	0	2	0	1	36
18:30	38	3	0	0	1	0	0	42
18:45	30	2	0	0	1	0	0	33
H/TOT	133	13	0	0	5	1	1	153
19:00	31	2	0	0	0	1	1	35
19:15	38	2	0	0	1	0	0	41
19:30	20	2	0	0	2	1	0	25
19:45	17	0	0	0	2	1	0	20
H/TOT	106	6	0	0	5	3	1	121
P/TOT	1803	260	35	8	68	17	15	2206





SITE: 2

DATE: 12-07-2023

LOCATION: A547 Market Street / A548 Water Street

DAY: Wednesday

TIME	FROM ARM A							TOT
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	
06:00	6	0	1	0	1	0	0	8
06:15	3	1	1	0	1	0	0	6
06:30	8	2	0	0	1	0	0	11
06:45	5	2	0	1	1	0	0	9
H/TOT	22	5	2	1	4	0	0	34
07:00	14	2	0	0	1	0	0	17
07:15	19	3	0	0	2	0	0	24
07:30	17	4	0	0	1	0	0	22
07:45	35	6	0	0	0	0	1	42
H/TOT	85	15	0	0	4	0	1	105
08:00	40	10	2	0	1	0	1	54
08:15	43	7	2	0	4	0	0	56
08:30	47	9	4	0	2	0	0	62
08:45	53	10	1	0	2	1	0	67
H/TOT	183	36	9	0	9	1	1	239
09:00	43	12	1	0	2	0	0	58
09:15	33	12	4	0	5	0	1	55
09:30	33	7	1	0	1	0	0	42
09:45	37	9	4	0	2	0	0	52
H/TOT	146	40	10	0	10	0	1	207
10:00	34	6	0	2	2	0	0	44
10:15	44	3	1	0	4	0	0	52
10:30	50	8	0	1	2	0	0	61
10:45	40	6	1	0	1	0	0	48
H/TOT	168	23	2	3	9	0	0	205
11:00	42	9	1	0	1	0	0	53
11:15	46	1	3	0	1	0	1	52
11:30	43	7	0	0	3	0	0	53
11:45	40	3	0	0	1	1	0	45
H/TOT	171	20	4	0	6	1	1	203
12:00	59	6	1	0	2	0	0	68
12:15	35	6	2	0	0	0	0	43
12:30	38	8	1	1	2	1	1	52
12:45	19	8	2	1	2	0	0	32
H/TOT	151	28	6	2	6	1	1	195
13:00	31	5	0	0	1	1	0	38
13:15	38	7	0	0	1	0	0	46
13:30	51	5	0	2	0	0	0	58
13:45	40	11	2	0	0	0	0	53
H/TOT	160	28	2	2	2	1	0	195
14:00	41	4	0	0	1	0	0	46
14:15	56	9	2	0	1	0	0	68
14:30	39	6	0	0	2	0	0	47
14:45	37	6	1	0	2	0	0	46
H/TOT	173	25	3	0	6	0	0	207
15:00	45	10	1	1	2	1	1	61
15:15	62	3	1	0	2	1	0	69
15:30	52	6	0	0	1	1	1	61
15:45	60	5	0	1	2	2	0	70
H/TOT	219	24	2	2	7	5	2	261
16:00	51	5	1	0	2	0	0	59
16:15	49	8	0	0	1	0	0	58
16:30	42	7	0	0	2	0	0	51
16:45	56	4	0	0	1	1	0	62
H/TOT	198	24	1	0	6	1	0	230
17:00	58	7	0	0	2	0	0	67
17:15	42	13	1	0	0	1	0	57
17:30	51	3	0	0	2	0	0	56
17:45	44	4	0	0	1	0	0	49
H/TOT	195	27	1	0	5	1	0	229
18:00	41	3	0	0	1	0	0	45
18:15	40	1	0	0	1	0	1	43
18:30	38	5	0	0	0	1	0	44
18:45	52	1	0	0	1	0	0	54
H/TOT	171	10	0	0	3	1	1	186
19:00	28	3	0	0	0	2	1	34
19:15	26	0	0	0	1	0	0	27
19:30	32	0	0	0	0	1	0	33
19:45	26	1	0	0	1	0	0	28
H/TOT	112	4	0	0	2	3	1	122
P/TOT	2154	309	42	10	79	15	9	2618





SITE: 2

DATE: 12-07-2023

LOCATION: A547 Market Street / A548 Water Street

DAY: Wednesday

TIME	TO ARM B							TOT
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	
06:00	19	4	0	0	0	0	0	23
06:15	20	2	0	0	0	1	0	23
06:30	35	7	0	1	0	0	0	43
06:45	34	3	0	1	1	2	0	41
H/TOT	108	16	0	2	1	3	0	130
07:00	40	11	3	0	0	0	0	54
07:15	41	12	0	0	1	1	0	55
07:30	79	10	1	0	0	1	0	91
07:45	74	19	0	0	0	1	2	96
H/TOT	234	52	4	0	1	3	2	296
08:00	80	11	3	2	1	0	1	98
08:15	82	8	4	0	3	0	0	97
08:30	91	6	5	0	1	0	0	103
08:45	73	9	2	0	1	1	0	86
H/TOT	326	34	14	2	6	1	1	384
09:00	48	11	5	0	3	0	0	67
09:15	54	8	2	0	1	1	0	66
09:30	62	13	7	1	0	0	0	83
09:45	53	10	3	0	0	0	0	66
H/TOT	217	42	17	1	4	1	0	282
10:00	46	11	3	3	2	0	0	65
10:15	53	13	2	2	1	0	1	72
10:30	50	8	2	2	0	0	0	62
10:45	61	7	0	0	1	0	0	69
H/TOT	210	39	7	7	4	0	1	268
11:00	50	8	0	3	2	0	0	63
11:15	59	5	3	0	1	0	0	68
11:30	54	10	1	0	1	0	1	67
11:45	60	10	1	0	0	0	0	71
H/TOT	223	33	5	3	4	0	1	269
12:00	68	10	2	0	0	0	0	80
12:15	82	4	5	1	0	0	0	92
12:30	67	10	4	0	1	2	0	84
12:45	59	10	2	2	0	1	0	74
H/TOT	276	34	13	3	1	3	0	330
13:00	71	9	3	0	0	0	1	84
13:15	61	7	1	0	1	1	0	71
13:30	63	9	1	1	0	1	0	75
13:45	66	8	3	0	1	0	0	78
H/TOT	261	33	8	1	2	2	1	308
14:00	72	9	2	2	1	1	0	87
14:15	66	8	0	2	0	0	0	76
14:30	67	13	2	0	2	0	0	84
14:45	76	10	2	0	0	2	0	90
H/TOT	281	40	6	4	3	3	0	337
15:00	81	20	3	1	2	0	0	107
15:15	78	11	1	2	0	2	0	94
15:30	69	6	0	0	0	0	0	75
15:45	74	9	1	2	1	2	0	89
H/TOT	302	46	5	5	3	4	0	365
16:00	77	10	2	0	2	0	0	91
16:15	81	12	2	0	2	1	0	98
16:30	76	11	1	0	0	1	0	89
16:45	89	9	0	0	1	0	0	99
H/TOT	323	42	5	0	5	2	0	377
17:00	80	13	1	0	0	1	0	95
17:15	83	9	1	0	1	1	0	95
17:30	76	5	0	0	1	1	0	83
17:45	87	7	0	0	1	0	0	95
H/TOT	326	34	2	0	3	3	0	368
18:00	64	8	0	0	0	0	1	73
18:15	68	3	0	0	1	0	1	73
18:30	66	5	0	0	0	1	1	73
18:45	46	6	0	0	0	0	3	55
H/TOT	244	22	0	0	1	1	6	274
19:00	57	3	0	1	1	1	0	63
19:15	47	4	0	0	0	0	0	51
19:30	32	4	0	0	0	1	0	37
19:45	32	3	0	0	0	0	0	35
H/TOT	168	14	0	1	1	2	0	186
P/TOT	3499	481	86	29	39	28	12	4174





SITE: 2

DATE: 12-07-2023

LOCATION: A547 Market Street / A548 Water Street

DAY: Wednesday

TIME	FROM ARM B							TOT
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	
06:00	7	3	0	0	0	0	1	11
06:15	5	3	1	0	0	0	0	9
06:30	11	3	2	0	0	1	0	17
06:45	21	2	1	0	0	0	0	24
H/TOT	44	11	4	0	0	1	1	61
07:00	16	7	3	1	0	0	0	27
07:15	23	3	2	2	0	1	0	31
07:30	24	7	2	0	1	0	0	34
07:45	63	14	4	3	1	0	0	85
H/TOT	126	31	11	6	2	1	0	177
08:00	57	10	2	0	2	0	0	71
08:15	54	9	4	0	1	0	0	68
08:30	61	10	4	0	3	0	1	79
08:45	78	12	1	0	4	0	0	95
H/TOT	250	41	11	0	10	0	1	313
09:00	63	15	2	1	0	0	1	82
09:15	43	11	6	2	0	1	0	63
09:30	38	11	1	1	1	0	1	53
09:45	44	9	0	0	1	0	0	54
H/TOT	188	46	9	4	2	1	2	252
10:00	39	8	2	0	1	0	0	50
10:15	64	8	5	0	1	0	0	78
10:30	74	8	2	0	0	0	0	84
10:45	61	10	2	0	0	1	0	74
H/TOT	238	34	11	0	2	1	0	286
11:00	56	16	2	1	1	0	1	77
11:15	65	6	0	1	0	0	0	72
11:30	52	11	4	2	0	1	0	70
11:45	57	9	3	1	0	0	0	70
H/TOT	230	42	9	5	1	1	1	289
12:00	51	6	3	1	1	0	2	64
12:15	63	6	3	0	0	0	0	72
12:30	60	3	0	1	0	0	1	65
12:45	70	14	1	0	1	1	0	87
H/TOT	244	29	7	2	2	1	3	288
13:00	68	7	2	1	0	1	0	79
13:15	57	7	2	0	0	1	0	67
13:30	62	9	2	0	1	0	0	74
13:45	58	10	2	1	0	3	0	74
H/TOT	245	33	8	2	1	5	0	294
14:00	61	10	2	1	0	0	0	74
14:15	66	7	2	0	1	0	0	76
14:30	63	9	0	1	1	0	0	74
14:45	57	11	1	1	0	0	0	70
H/TOT	247	37	5	3	2	0	0	294
15:00	63	8	0	0	0	1	0	72
15:15	64	9	1	1	2	0	0	77
15:30	72	7	3	0	1	1	0	84
15:45	59	2	0	0	1	0	0	62
H/TOT	258	26	4	1	4	2	0	295
16:00	63	14	0	0	0	1	0	78
16:15	81	6	0	1	1	0	0	89
16:30	53	6	0	0	1	2	0	62
16:45	74	10	0	0	0	1	1	86
H/TOT	271	36	0	1	2	4	1	315
17:00	99	14	0	0	1	1	1	116
17:15	89	7	0	0	0	1	0	97
17:30	81	5	1	0	1	1	0	89
17:45	89	7	1	0	1	1	0	99
H/TOT	358	33	2	0	3	4	1	401
18:00	80	6	0	0	0	0	0	86
18:15	87	5	0	0	0	0	0	92
18:30	66	7	0	1	1	1	0	76
18:45	62	7	1	0	0	0	0	70
H/TOT	295	25	1	1	1	1	0	324
19:00	69	5	0	0	0	1	0	75
19:15	56	6	0	0	0	0	0	62
19:30	53	1	0	0	1	1	0	56
19:45	41	4	0	0	1	1	0	47
H/TOT	219	16	0	0	2	3	0	240
P/TOT	3213	440	82	25	34	25	10	3829





SITE: 2

DATE: 12-07-2023

LOCATION: A547 Market Street / A548 Water Street

DAY: Wednesday

TIME	TO ARM C							TOT
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	
06:00	9	3	1	0	1	0	0	14
06:15	6	4	2	0	1	0	0	13
06:30	12	4	2	0	1	1	0	20
06:45	22	4	1	0	1	0	0	28
H/TOT	49	15	6	0	4	1	0	75
07:00	25	8	2	1	1	0	0	37
07:15	36	4	2	2	2	1	0	47
07:30	32	8	2	0	2	0	0	44
07:45	80	12	2	1	1	0	0	96
H/TOT	173	32	8	4	6	1	0	224
08:00	70	10	4	0	3	0	0	87
08:15	80	13	3	0	2	0	0	98
08:30	82	12	4	0	3	0	1	102
08:45	104	18	0	0	5	1	0	128
H/TOT	336	53	11	0	13	1	1	415
09:00	93	25	1	1	0	0	1	121
09:15	58	15	8	1	4	1	1	88
09:30	50	14	1	1	2	0	0	68
09:45	68	10	3	0	3	0	0	84
H/TOT	269	64	13	3	9	1	2	361
10:00	64	9	1	0	2	0	0	76
10:15	88	9	6	0	4	0	0	107
10:30	108	11	2	0	2	0	0	123
10:45	81	15	2	0	1	1	0	100
H/TOT	341	44	11	0	9	1	0	406
11:00	78	20	3	0	2	0	0	103
11:15	93	6	2	1	1	0	1	104
11:30	76	13	4	2	3	1	0	99
11:45	84	12	3	1	1	1	0	102
H/TOT	331	51	12	4	7	2	1	408
12:00	87	9	4	1	3	0	0	104
12:15	71	9	0	0	0	0	0	80
12:30	70	8	0	2	2	0	2	84
12:45	72	19	2	0	3	0	0	96
H/TOT	300	45	6	3	8	0	2	364
13:00	76	8	0	1	1	2	0	88
13:15	80	9	2	0	1	1	0	93
13:30	85	13	2	2	1	0	0	103
13:45	79	18	2	1	0	3	0	103
H/TOT	320	48	6	4	3	6	0	387
14:00	70	11	2	1	1	0	0	85
14:15	95	13	4	0	2	0	0	114
14:30	72	13	0	0	3	0	0	88
14:45	76	10	1	1	2	0	0	90
H/TOT	313	47	7	2	8	0	0	377
15:00	83	6	0	0	1	2	1	93
15:15	101	10	1	0	3	1	0	116
15:30	96	10	3	0	2	2	1	114
15:45	106	6	0	0	3	1	0	116
H/TOT	386	32	4	0	9	6	2	439
16:00	94	13	0	0	1	0	0	108
16:15	108	13	0	0	2	0	0	123
16:30	75	11	0	0	3	2	0	91
16:45	104	13	0	0	1	2	0	120
H/TOT	381	50	0	0	7	4	0	442
17:00	136	16	0	0	3	1	0	156
17:15	114	17	1	0	0	2	0	134
17:30	117	7	0	0	2	1	0	127
17:45	110	9	1	0	2	1	0	123
H/TOT	477	49	2	0	7	5	0	540
18:00	100	7	0	0	1	0	0	108
18:15	105	4	0	0	1	0	1	111
18:30	80	8	0	1	1	2	0	92
18:45	95	6	1	0	1	0	0	103
H/TOT	380	25	1	1	4	2	1	414
19:00	81	5	0	0	0	2	1	89
19:15	68	6	0	0	1	0	0	75
19:30	76	1	0	0	1	1	0	79
19:45	53	4	0	0	1	1	0	59
H/TOT	278	16	0	0	3	4	1	302
P/TOT	4334	571	87	21	97	34	10	5154





SITE: 2

DATE: 12-07-2023

LOCATION: A547 Market Street / A548 Water Street

DAY: Wednesday

TIME	FROM ARM C							TOT
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	
06:00	19	6	0	0	0	0	0	25
06:15	21	2	0	0	0	1	0	24
06:30	39	8	0	1	0	0	0	48
06:45	41	4	0	0	2	2	1	50
H/TOT	120	20	0	1	2	3	1	147
07:00	41	11	3	0	0	0	0	55
07:15	46	10	0	0	2	1	0	59
07:30	84	10	1	0	0	1	0	96
07:45	84	18	0	0	1	1	1	105
H/TOT	255	49	4	0	3	3	1	315
08:00	93	7	3	2	2	0	0	107
08:15	95	11	4	0	2	0	0	112
08:30	120	8	3	0	1	0	1	133
08:45	89	11	1	0	2	1	0	104
H/TOT	397	37	11	2	7	1	1	456
09:00	65	14	5	0	2	0	0	86
09:15	76	7	1	0	1	1	1	87
09:30	73	14	7	1	1	0	0	96
09:45	66	8	3	0	2	0	0	79
H/TOT	280	43	16	1	6	1	1	348
10:00	63	16	3	1	2	0	0	85
10:15	73	14	2	2	1	0	1	93
10:30	65	10	2	1	1	0	0	79
10:45	73	8	0	0	2	0	1	84
H/TOT	274	48	7	4	6	0	2	341
11:00	66	6	0	3	4	0	0	79
11:15	72	7	4	0	2	0	0	85
11:30	72	9	3	0	3	0	1	88
11:45	79	15	1	0	1	1	0	97
H/TOT	289	37	8	3	10	1	1	349
12:00	83	10	2	0	1	0	0	96
12:15	100	7	3	1	2	1	0	114
12:30	80	16	4	0	2	1	0	103
12:45	76	14	4	1	1	2	0	98
H/TOT	339	47	13	2	6	4	0	411
13:00	83	13	3	0	1	2	1	103
13:15	76	7	2	0	3	1	0	89
13:30	83	16	2	2	1	1	0	105
13:45	79	6	2	0	2	0	1	90
H/TOT	321	42	9	2	7	4	2	387
14:00	81	12	3	2	1	2	0	101
14:15	76	13	1	2	1	0	0	93
14:30	70	16	2	0	4	0	0	92
14:45	84	12	1	0	2	3	0	102
H/TOT	311	53	7	4	8	5	0	388
15:00	96	18	2	0	2	1	0	119
15:15	93	15	0	2	1	2	0	113
15:30	74	6	0	0	2	0	0	82
15:45	91	14	1	1	2	2	0	111
H/TOT	354	53	3	3	7	5	0	425
16:00	87	9	1	0	3	1	0	101
16:15	94	15	2	0	2	1	0	114
16:30	99	13	1	0	2	1	0	116
16:45	107	20	0	0	3	0	0	130
H/TOT	387	57	4	0	10	3	0	461
17:00	103	14	1	0	1	1	0	120
17:15	114	8	1	0	3	2	1	129
17:30	102	6	0	0	2	1	0	111
17:45	111	8	0	0	2	0	0	121
H/TOT	430	36	2	0	8	4	1	481
18:00	80	9	0	0	1	1	1	92
18:15	74	6	0	0	3	0	2	85
18:30	80	4	0	0	1	1	1	87
18:45	57	6	0	0	1	0	3	67
H/TOT	291	25	0	0	6	2	7	331
19:00	72	2	0	1	1	1	1	78
19:15	71	6	0	0	1	0	0	78
19:30	43	6	0	0	2	1	0	52
19:45	35	2	0	0	1	1	0	39
H/TOT	221	16	0	1	5	3	1	247
P/TOT	4269	563	84	23	91	39	18	5087





SITE: 2

DATE: 12-07-2023

LOCATION: A547 Market Street / A548 Water Street

DAY: Wednesday

TIME	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
06:00	32	9	1	0	1	0	1	44
06:15	29	6	2	0	1	1	0	39
06:30	58	13	2	1	1	1	0	76
06:45	67	8	1	1	3	2	1	83
H/TOT	186	36	6	2	6	4	2	242
07:00	71	20	6	1	1	0	0	99
07:15	88	16	2	2	4	2	0	114
07:30	125	21	3	0	2	1	0	152
07:45	182	38	4	3	2	1	2	232
H/TOT	466	95	15	6	9	4	2	597
08:00	190	27	7	2	5	0	1	232
08:15	192	27	10	0	7	0	0	236
08:30	228	27	11	0	6	0	2	274
08:45	220	33	3	0	8	2	0	266
H/TOT	830	114	31	2	26	2	3	1008
09:00	171	41	8	1	4	0	1	226
09:15	152	30	11	2	6	2	2	205
09:30	144	32	9	2	3	0	1	191
09:45	147	26	7	0	5	0	0	185
H/TOT	614	129	35	5	18	2	4	807
10:00	136	30	5	3	5	0	0	179
10:15	181	25	8	2	6	0	1	223
10:30	189	26	4	2	3	0	0	224
10:45	174	24	3	0	3	1	1	206
H/TOT	680	105	20	7	17	1	2	832
11:00	164	31	3	4	6	0	1	209
11:15	183	14	7	1	3	0	1	209
11:30	167	27	7	2	6	1	1	211
11:45	176	27	4	1	2	2	0	212
H/TOT	690	99	21	8	17	3	3	841
12:00	193	22	6	1	4	0	2	228
12:15	198	19	8	1	2	1	0	229
12:30	178	27	5	2	4	2	2	220
12:45	165	36	7	2	4	3	0	217
H/TOT	734	104	26	6	14	6	4	894
13:00	182	25	5	1	2	4	1	220
13:15	171	21	4	0	4	2	0	202
13:30	196	30	4	4	2	1	0	237
13:45	177	27	6	1	2	3	1	217
H/TOT	726	103	19	6	10	10	2	876
14:00	183	26	5	3	2	2	0	221
14:15	198	29	5	2	3	0	0	237
14:30	172	31	2	1	7	0	0	213
14:45	178	29	3	1	4	3	0	218
H/TOT	731	115	15	7	16	5	0	889
15:00	204	36	3	1	4	3	1	252
15:15	219	27	2	3	5	3	0	259
15:30	198	19	3	0	4	2	1	227
15:45	210	21	1	2	5	4	0	243
H/TOT	831	103	9	6	18	12	2	981
16:00	201	28	2	0	5	2	0	238
16:15	224	29	2	1	4	1	0	261
16:30	194	26	1	0	5	3	0	229
16:45	237	34	0	0	4	2	1	278
H/TOT	856	117	5	1	18	8	1	1006
17:00	260	35	1	0	4	2	1	303
17:15	245	28	2	0	3	4	1	283
17:30	234	14	1	0	5	2	0	256
17:45	244	19	1	0	4	1	0	269
H/TOT	983	96	5	0	16	9	2	1111
18:00	201	18	0	0	2	1	1	223
18:15	201	12	0	0	4	0	3	220
18:30	184	16	0	1	2	3	1	207
18:45	171	14	1	0	2	0	3	191
H/TOT	757	60	1	1	10	4	8	841
19:00	169	10	0	1	1	4	2	187
19:15	153	12	0	0	2	0	0	167
19:30	128	7	0	0	3	3	0	141
19:45	102	7	0	0	3	2	0	114
H/TOT	552	36	0	1	9	9	2	609
P/TOT	9636	1312	208	58	204	79	37	11534

PEAK HOUR CALCULATION	TOT
06:00 to 07:00	242
06:15 to 07:15	297
06:30 to 07:30	372
06:45 to 07:45	448
07:00 to 08:00	597
07:15 to 08:15	730
07:30 to 08:30	852
07:45 to 08:45	974
08:00 to 09:00	1008
08:15 to 09:15	1002
08:30 to 09:30	971
08:45 to 09:45	888
09:00 to 10:00	807
09:15 to 10:15	760
09:30 to 10:30	778
09:45 to 10:45	811
A.M. Peak	1008
10:00 to 11:00	832
10:15 to 11:15	862
10:30 to 11:30	848
10:45 to 11:45	835
11:00 to 12:00	841
11:15 to 12:15	860
11:30 to 12:30	880
11:45 to 12:45	889
12:00 to 13:00	894
12:15 to 13:15	886
12:30 to 13:30	859
12:45 to 13:45	876
13:00 to 14:00	876
13:15 to 14:15	877
13:30 to 14:30	912
13:45 to 14:45	888
14:00 to 15:00	889
14:15 to 15:15	920
14:30 to 15:30	942
14:45 to 15:45	956
15:00 to 16:00	981
15:15 to 16:15	967
15:30 to 16:30	969
15:45 to 16:45	971
Inter Peak	981
16:00 to 17:00	1006
16:15 to 17:15	1071
16:30 to 17:30	1093
16:45 to 17:45	1120
17:00 to 18:00	1111
17:15 to 18:15	1031
17:30 to 18:30	968
17:45 to 18:45	919
18:00 to 19:00	841
18:15 to 19:15	805
18:30 to 19:30	752
18:45 to 19:45	686
19:00 to 20:00	609
P.M. Peak	1120





14343 / ABERGELE  
JULY 2023  
PCU CONVERSION

SITE: 1

DATE: 12-07-2023

LOCATION: A547 Market Street / A548 Chapel Street

DAY: Wednesday

TIME	CAR	LGV	OGV1	A to B OGV2	PSV	MCL	PCL	TOT
06:00	3	0	0	0	0	0	0	3
06:15	4	0	0	0	0	0	0	4
06:30	6	3	0	0	0	0	0	9
06:45	8	2	0	0	0	0	0	10
H/TOT	21	5	0	0	0	0	0	26
07:00	8	4	3	2	0	0	0	17
07:15	21	2	0	0	0	0	0	23
07:30	17	3	0	0	0	0	0	20
07:45	43	8	0	0	0	0	0	51
H/TOT	89	17	3	2	0	0	0	111
08:00	42	4	3	0	0	0	0	49
08:15	46	8	0	0	0	0	0	54
08:30	53	7	3	0	0	0	0	63
08:45	49	12	0	0	0	0.3	0	61.3
H/TOT	190	31	6	0	0	0.3	0	227.3
09:00	54	13	0	0	0	0	0.2	67.2
09:15	31	8	6	4	0	0.3	0.2	49.5
09:30	17	8	1.5	2	0	0	0	28.5
09:45	31	8	4.5	0	3	0	0	46.5
H/TOT	133	37	12	6	3	0.3	0.4	191.7
10:00	18	3	0	0	0	0	0	21
10:15	41	6	6	0	3	0	0	56
10:30	46	8	3	0	0	0	0	57
10:45	24	5	0	0	0	0	0	29
H/TOT	129	22	9	0	3	0	0	163
11:00	31	11	1.5	0	0	0	0	43.5
11:15	34	0	1.5	2	0	0.3	0	37.8
11:30	29	6	3	2	0	0.3	0	40.3
11:45	31	7	3	0	3	0	0	44
H/TOT	125	24	9	4	3	0.6	0	165.6
12:00	38	3	4.5	2	0	0	0.2	47.7
12:15	32	5	0	0	0	0	0	37
12:30	27	4	0	4	0	0	0	35
12:45	30	8	1.5	0	0	0	0	39.5
H/TOT	127	20	6	6	0	0	0.2	159.2
13:00	37	5	0	2	0	0	0	44
13:15	37	9	1.5	0	0	0.3	0	47.8
13:30	29	7	3	0	0	0	0	39
13:45	23	9	1.5	0	0	0.6	0	34.1
H/TOT	126	30	6	2	0	0.9	0	164.9
14:00	24	3	1.5	2	0	0	0	30.5
14:15	42	11	4.5	0	3	0	0	60.5
14:30	23	3	0	0	0	0	0	26
14:45	31	5	1.5	2	3	0	0	42.5
H/TOT	120	22	7.5	4	6	0	0	159.5
15:00	27	3	0	0	0	0.3	0.2	30.5
15:15	46	8	1.5	0	3	0	0	58.5
15:30	45	5	1.5	0	0	0.3	0.2	52
15:45	45	5	0	0	0	0.3	0	50.3
H/TOT	163	21	3	0	3	0.9	0.4	191.3
16:00	36	8	0	0	0	0	0	44
16:15	50	4	0	0	0	0	0	54
16:30	36	5	0	0	3	0.3	0	44.3
16:45	44	5	0	0	0	0.6	0	49.6
H/TOT	166	22	0	0	3	0.9	0	191.9
17:00	73	7	0	0	0	0	0	80
17:15	56	9	1.5	0	0	0.3	0	66.8
17:30	60	5	0	0	0	0	0.2	65.2
17:45	45	4	1.5	0	0	0	0	50.5
H/TOT	234	25	3	0	0	0.3	0.2	262.5
18:00	42	4	0	0	0	0	0	46
18:15	44	3	0	0	0	0	0.2	47.2
18:30	30	3	0	0	0	0	0	33
18:45	38	1	0	0	0	0	0	39
H/TOT	154	11	0	0	0	0	0.2	165.2
19:00	28	1	0	0	0	0	0	29
19:15	30	4	0	0	0	0	0	34
19:30	31	1	0	0	0	0	0.2	32.2
19:45	27	2	0	0	0	0	0	29
H/TOT	116	8	0	0	0	0	0.2	124.2
P/TOT	1893	295	64.5	24	21	4.2	1.6	2303.3





14343 / ABERGELE  
JULY 2023  
PCU CONVERSION

SITE: 1

DATE: 12-07-2023

LOCATION: A547 Market Street / A548 Chapel Street

DAY: Wednesday

TIME	CAR	LGV	OGV1	A to C OGV2	PSV	MCL	PCL	TOT
06:00	6	2	1.5	0	3	0	0	12.5
06:15	3	3	3	0	3	0	0	12
06:30	6	3	3	0	3	0.3	0	15.3
06:45	13	2	1.5	0	3	0	0	19.5
H/TOT	28	10	9	0	12	0.3	0	59.3
07:00	16	5	0	0	3	0	0	24
07:15	15	4	3	4	6	0.3	0	32.3
07:30	17	5	3	0	6	0	0	31
07:45	36	4	3	2	3	0	0	48
H/TOT	84	18	9	6	18	0.3	0	135.3
08:00	28	6	3	0	9	0	0	46
08:15	34	5	1.5	0	6	0	0	46.5
08:30	29	5	6	0	9	0	0.2	49.2
08:45	50	6	0	0	15	0	0	71
H/TOT	141	22	10.5	0	39	0	0.2	212.7
09:00	44	11	1.5	0	0	0	0	56.5
09:15	29	7	6	0	12	0	0	54
09:30	31	5	0	0	6	0	0	42
09:45	35	3	0	0	6	0	0.2	44.2
H/TOT	139	26	7.5	0	24	0	0.2	196.7
10:00	44	4	1.5	0	6	0	0	55.5
10:15	47	3	3	0	9	0	0	62
10:30	57	5	0	0	6	0	0	68
10:45	62	8	3	0	3	0.3	0	76.3
H/TOT	210	20	7.5	0	24	0.3	0	261.8
11:00	50	8	3	0	6	0	0	67
11:15	58	9	0	0	3	0	0	70
11:30	47	6	3	2	9	0	0	67
11:45	51	6	3	2	0	0	0	62
H/TOT	206	29	9	4	18	0	0	246
12:00	52	6	1.5	0	9	0	0	68.5
12:15	40	4	0	0	0	0	0	44
12:30	42	3	0	0	6	0	0.4	51.4
12:45	44	9	1.5	0	9	0	0	63.5
H/TOT	178	22	3	0	24	0	0.4	227.4
13:00	40	3	0	0	3	0.6	0	46.6
13:15	43	2	1.5	0	3	0	0	49.5
13:30	52	5	0	4	3	0	0	64
13:45	56	9	1.5	2	0	0	0	68.5
H/TOT	191	19	3	6	9	0.6	0	228.6
14:00	50	6	1.5	0	3	0	0	60.5
14:15	49	4	1.5	0	3	0	0	57.5
14:30	53	8	0	0	9	0.3	0	70.3
14:45	41	5	0	0	3	0	0	49
H/TOT	193	23	3	0	18	0.3	0	237.3
15:00	54	1	0	0	3	0.3	0	58.3
15:15	50	4	0	0	6	0.3	0	60.3
15:30	55	5	3	0	6	0	0	69
15:45	59	3	0	0	9	0	0	71
H/TOT	218	13	3	0	24	0.6	0	258.6
16:00	56	4	0	0	3	0	0	63
16:15	55	10	0	0	6	0	0	71
16:30	42	6	0	0	6	0.3	0	54.3
16:45	62	8	0	0	3	0.3	0	73.3
H/TOT	215	28	0	0	18	0.6	0	261.6
17:00	63	9	0	0	9	0.3	0	81.3
17:15	60	8	0	0	0	0.3	0	68.3
17:30	58	2	0	0	6	0.3	0	66.3
17:45	67	5	0	0	3	0.3	0	75.3
H/TOT	248	24	0	0	18	1.2	0	291.2
18:00	58	2	0	0	3	0	0	63
18:15	59	2	0	0	6	0	0	67
18:30	50	5	0	2	3	0.3	0	60.3
18:45	60	5	1.5	0	3	0.3	0	69.8
H/TOT	227	14	1.5	2	15	0.6	0	260.1
19:00	53	3	0	0	0	0.3	0	56.3
19:15	38	3	0	0	3	0.3	0	44.3
19:30	44	0	0	0	3	0.3	0	47.3
19:45	28	2	0	0	3	0.3	0	33.3
H/TOT	163	8	0	0	9	1.2	0	181.2
P/TOT	2441	276	66	18	270	6	0.8	3077.8





14343 / ABERGELE  
JULY 2023  
PCU CONVERSION

SITE: 1

DATE: 12-07-2023

LOCATION: A547 Market Street / A548 Chapel Street

DAY: Wednesday

TIME	CAR	LGV	OGV1	B to C OGV2	PSV	MCL	PCL	TOT
06:00	0	0	0	0	0	0	0	0
06:15	0	0	0	0	0	0	0	0
06:30	0	0	0	0	0	0	0	0
06:45	1	0	0	0	0	0	0	1
H/TOT	1	0	0	0	0	0	0	1
07:00	2	2	0	0	0	0	0	4
07:15	2	1	0	0	0	0	0	3
07:30	5	1	0	0	0	0	0	6
07:45	2	0	0	0	0	0	0	2
H/TOT	11	4	0	0	0	0	0	15
08:00	6	1	0	2	0	0	0	9
08:15	3	0	1.5	0	0	0	0	4.5
08:30	8	3	0	0	0	0	0	11
08:45	11	0	0	0	0	0	0	11
H/TOT	28	4	1.5	2	0	0	0	35.5
09:00	6	1	0	0	0	0	0	7
09:15	9	1	0	0	0	0	0	10
09:30	17	2	0	0	0	0	0	19
09:45	14	1	0	0	3	0	0	18
H/TOT	46	5	0	0	3	0	0	54
10:00	11	0	0	0	0	0	0	11
10:15	16	0	1.5	0	3	0	0	20.5
10:30	10	3	0	2	0	0	0	15
10:45	13	1	0	2	0	0	0.2	16.2
H/TOT	50	4	1.5	4	3	0	0.2	62.7
11:00	10	1	1.5	0	3	0	0	15.5
11:15	11	2	0	0	3	0	0	16
11:30	12	0	1.5	0	0	0	0	13.5
11:45	11	4	0	0	0	0	0	15
H/TOT	44	7	3	0	6	0	0	60
12:00	12	3	0	0	3	0	0	18
12:15	11	2	1.5	0	3	0	0	17.5
12:30	9	0	0	0	0	0	0	9
12:45	11	2	0	0	0	0	0	13
H/TOT	43	7	1.5	0	6	0	0	57.5
13:00	8	4	0	0	0	0	0	12
13:15	9	6	0	2	0	0	0	17
13:30	9	2	0	0	0	0	0	11
13:45	15	0	0	0	0	0	0	15
H/TOT	41	12	0	2	0	0	0	55
14:00	15	2	0	0	0	0	0	17
14:15	8	0	1.5	2	0	0	0	11.5
14:30	11	3	3	0	3	0	0	20
14:45	4	1	0	0	0	0	0	5
H/TOT	38	6	4.5	2	3	0	0	53.5
15:00	8	0	1.5	0	3	0	0	12.5
15:15	7	3	0	0	0	0	0	10
15:30	14	2	1.5	0	0	0	0	17.5
15:45	16	0	0	0	0	0	0	16
H/TOT	45	5	3	0	3	0	0	56
16:00	11	2	0	0	0	0	0	13
16:15	15	1	0	0	0	0	0	16
16:30	10	0	0	0	3	0	0	13
16:45	12	1	0	0	3	0	0	16
H/TOT	48	4	0	0	6	0	0	58
17:00	11	1	0	0	0	0	0	12
17:15	13	2	0	0	0	0	0	15
17:30	14	1	0	0	0	0	0	15
17:45	23	2	0	0	0	0	0	25
H/TOT	61	6	0	0	0	0	0	67
18:00	10	0	0	0	0	0	0	10
18:15	6	1	0	0	0	0	0	7
18:30	10	0	0	0	0	0	0	10
18:45	15	0	0	0	0	0	0	15
H/TOT	41	1	0	0	0	0	0	42
19:00	12	0	0	0	0	0	0	12
19:15	9	2	1.5	0	0	0	0	12.5
19:30	12	1	0	0	0	0	0	13
19:45	5	0	0	0	0	0	0	5
H/TOT	38	3	1.5	0	0	0	0	42.5
P/TOT	535	68	16.5	10	30	0	0.2	659.7





14343 / ABERGELE  
JULY 2023  
PCU CONVERSION

SITE: 1

DATE: 12-07-2023

LOCATION: A547 Market Street / A548 Chapel Street

DAY: Wednesday

TIME	CAR	LGV	OGV1	B to A OGV2	PSV	MCL	PCL	TOT
06:00	12	2	0	0	0	0	0	14
06:15	13	0	0	0	0	0.3	0	13.3
06:30	20	5	0	0	0	0.3	0	25.3
06:45	20	2	0	0	0	0	0.2	22.2
H/TOT	65	9	0	0	0	0.6	0.2	74.8
07:00	22	5	1.5	0	0	0	0	28.5
07:15	20	4	0	0	0	0	0	24
07:30	38	2	0	0	0	0	0	40
07:45	37	8	0	0	0	0	0.2	45.2
H/TOT	117	19	1.5	0	0	0	0.2	137.7
08:00	57	3	1.5	4	0	0	0	65.5
08:15	56	5	0	0	0	0	0	61
08:30	76	4	0	0	0	0	0	80
08:45	48	6	0	0	0	0	0	54
H/TOT	237	18	1.5	4	0	0	0	260.5
09:00	36	7	3	0	0	0	0	46
09:15	43	5	1.5	0	0	0	0.2	49.7
09:30	34	6	4.5	2	0	0	0	46.5
09:45	23	3	1.5	0	0	0	0	27.5
H/TOT	136	21	10.5	2	0	0	0.2	169.7
10:00	33	9	1.5	0	0	0	0	43.5
10:15	26	8	1.5	2	0	0	0.2	37.7
10:30	28	4	1.5	0	0	0	0	33.5
10:45	32	2	0	0	0	0.3	0	34.3
H/TOT	119	23	4.5	2	0	0.3	0.2	149
11:00	21	0	0	2	3	0	0	26
11:15	28	5	3	0	0	0	0	36
11:30	19	2	3	0	0	0	0	24
11:45	28	6	0	0	0	0	0	34
H/TOT	96	13	6	2	3	0	0	120
12:00	19	4	1.5	0	0	0	0	24.5
12:15	38	1	3	0	0	0.3	0	42.3
12:30	23	4	1.5	0	0	0	0	28.5
12:45	22	3	6	2	0	0	0	33
H/TOT	102	12	12	2	0	0.3	0	128.3
13:00	28	5	3	0	0	0.3	0.2	36.5
13:15	35	4	3	2	0	0	0	44
13:30	30	9	0	2	0	0	0	41
13:45	23	5	3	0	0	0	0.2	31.2
H/TOT	116	23	9	4	0	0.3	0.4	152.7
14:00	27	6	3	4	0	0.3	0	40.3
14:15	38	7	0	0	0	0	0	45
14:30	27	6	3	0	3	0	0	39
14:45	24	8	1.5	0	0	0.3	0	33.8
H/TOT	116	27	7.5	4	3	0.6	0	158.1
15:00	46	11	1.5	0	0	0.3	0	58.8
15:15	36	6	0	2	0	0.3	0	44.3
15:30	30	3	0	0	0	0	0	33
15:45	45	11	1.5	2	0	0.6	0	60.1
H/TOT	157	31	3	4	0	1.2	0	196.2
16:00	42	7	1.5	0	0	0	0	50.5
16:15	33	8	1.5	0	3	0	0	45.5
16:30	56	3	1.5	0	0	0	0	60.5
16:45	53	10	0	0	0	0	0	63
H/TOT	184	28	4.5	0	3	0	0	219.5
17:00	48	5	0	0	0	0	0	53
17:15	56	3	1.5	0	0	0.6	0.2	61.3
17:30	48	2	0	0	0	0	0	50
17:45	44	2	0	0	3	0	0	49
H/TOT	196	12	1.5	0	3	0.6	0.2	213.3
18:00	31	4	0	0	0	0.3	0	35.3
18:15	33	4	0	0	0	0	0	37
18:30	33	2	0	0	0	0	0	35
18:45	19	1	0	0	0	0	0	20
H/TOT	116	11	0	0	0	0.3	0	127.3
19:00	29	0	0	2	0	0	0.2	31.2
19:15	32	2	0	0	0	0	0.2	34.2
19:30	17	2	0	0	0	0	0	19
19:45	15	2	0	0	0	0.3	0	17.3
H/TOT	93	6	0	2	0	0.3	0.4	101.7
P/TOT	1850	253	61.5	26	12	4.5	1.8	2208.8





14343 / ABERGELE  
JULY 2023  
PCU CONVERSION

SITE: 1

DATE: 12-07-2023

LOCATION: A547 Market Street / A548 Chapel Street

DAY: Wednesday

TIME	CAR	LGV	OGV1	C to A OGV2	PSV	MCL	PCL	TOT
06:00	7	4	0	0	0	0	0	11
06:15	8	2	0	0	0	0	0	10
06:30	19	3	0	2	0	0	0	24
06:45	21	2	0	0	6	0.3	0	29.3
H/TOT	55	11	0	2	6	0.3	0	74.3
07:00	20	6	3	0	0	0	0	29
07:15	24	5	0	0	6	0.6	0	35.6
07:30	43	7	1.5	0	0	0	0	51.5
07:45	49	10	0	0	3	0.3	0	62.3
H/TOT	136	28	4.5	0	9	0.9	0	178.4
08:00	37	3	3	0	6	0	0	49
08:15	37	8	6	0	6	0	0	57
08:30	46	4	4.5	0	3	0	0	57.5
08:45	41	5	1.5	0	6	0.3	0	53.8
H/TOT	161	20	15	0	21	0.3	0	217.3
09:00	29	5	4.5	0	6	0	0	44.5
09:15	35	2	0	0	3	0.3	0	40.3
09:30	37	8	6	0	3	0	0	54
09:45	44	5	3	0	6	0	0	58
H/TOT	145	20	13.5	0	18	0.3	0	196.8
10:00	29	7	3	2	6	0	0	47
10:15	47	6	1.5	2	3	0	0	59.5
10:30	36	7	1.5	2	3	0	0	49.5
10:45	41	6	0	2	6	0	0	55
H/TOT	153	26	6	8	18	0	0	211
11:00	45	8	0	2	9	0	0	64
11:15	45	3	3	0	6	0	0	57
11:30	54	7	1.5	0	9	0	0.2	71.7
11:45	51	11	1.5	0	3	0	0	66.5
H/TOT	195	29	6	2	27	0	0.2	259.2
12:00	66	5	1.5	0	3	0	0	75.5
12:15	65	6	1.5	2	6	0	0	80.5
12:30	57	11	4.5	0	6	0.3	0	78.8
12:45	54	10	0	0	3	0.6	0	67.6
H/TOT	242	32	7.5	2	18	0.9	0	302.4
13:00	50	9	1.5	0	3	0.3	0	63.8
13:15	45	3	0	0	9	0.3	0	57.3
13:30	53	7	3	0	3	0.3	0	66.3
13:45	52	1	0	0	6	0	0	59
H/TOT	200	20	4.5	0	21	0.9	0	246.4
14:00	57	7	1.5	0	3	0.3	0	68.8
14:15	35	5	1.5	4	3	0	0	48.5
14:30	45	10	0	0	9	0	0	64
14:45	59	4	0	0	6	0.6	0	69.6
H/TOT	196	26	3	4	21	0.9	0	250.9
15:00	47	8	1.5	0	6	0	0	62.5
15:15	59	8	0	2	3	0.3	0	72.3
15:30	46	3	0	0	6	0	0	55
15:45	43	3	0	0	9	0	0	55
H/TOT	195	22	1.5	2	24	0.3	0	244.8
16:00	44	3	0	0	6	0.3	0	53.3
16:15	64	7	1.5	0	3	0.3	0	75.8
16:30	42	9	0	0	6	0.3	0	57.3
16:45	57	10	0	0	9	0	0	76
H/TOT	207	29	1.5	0	24	0.9	0	262.4
17:00	52	9	1.5	0	3	0.3	0	65.8
17:15	61	5	0	0	9	0	0	75
17:30	52	4	0	0	6	0.3	0	62.3
17:45	67	6	0	0	3	0	0	76
H/TOT	232	24	1.5	0	21	0.6	0	279.1
18:00	45	5	0	0	3	0	0.2	53.2
18:15	40	2	0	0	9	0	0.2	51.2
18:30	48	2	0	0	3	0.3	0	53.3
18:45	39	5	0	0	3	0	0.6	47.6
H/TOT	172	14	0	0	18	0.3	1	205.3
19:00	43	2	0	0	3	0.3	0	48.3
19:15	39	4	0	0	3	0	0	46
19:30	25	4	0	0	6	0.3	0	35.3
19:45	19	0	0	0	3	0	0	22
H/TOT	126	10	0	0	15	0.6	0	151.6
P/TOT	2415	311	64.5	20	261	7.2	1.2	3079.9





14343 / ABERGELE  
JULY 2023  
PCU CONVERSION

SITE: 1

DATE: 12-07-2023

LOCATION: A547 Market Street / A548 Chapel Street

DAY: Wednesday

TIME	CAR	LGV	OGV1	C to B OGV2	PSV	MCL	PCL	TOT
06:00	0	0	0	0	0	0	0	0
06:15	0	1	0	0	0	0	0	1
06:30	2	0	0	0	0	0	0	2
06:45	3	1	1.5	0	0	0	0	5.5
H/TOT	5	2	1.5	0	0	0	0	8.5
07:00	0	0	0	0	0	0	0	0
07:15	1	0	0	0	0	0	0	1
07:30	4	1	0	0	0	0	0	5
07:45	5	1	0	0	0	0	0	6
H/TOT	10	2	0	0	0	0	0	12
08:00	6	0	0	0	0	0	0	6
08:15	10	1	3	0	0	0	0	14
08:30	10	0	0	0	3	0	0	13
08:45	5	0	0	0	0	0	0	5
H/TOT	31	1	3	0	3	0	0	38
09:00	7	0	1.5	0	0	0	0.2	8.7
09:15	8	3	0	0	0	0	0	11
09:30	5	3	0	0	0	0	0	8
09:45	12	3	0	0	0	0	0	15
H/TOT	32	9	1.5	0	0	0	0.2	42.7
10:00	6	0	0	0	0	0	0	6
10:15	13	1	0	0	0	0	0	14
10:30	9	1	0	0	0	0	0	10
10:45	5	1	1.5	0	0	0	0	7.5
H/TOT	33	3	1.5	0	0	0	0	37.5
11:00	4	0	0	0	0	0	0	4
11:15	9	1	0	0	0	0	0	10
11:30	6	3	0	0	0	0	0	9
11:45	6	3	0	0	0	0	0.2	9.2
H/TOT	25	7	0	0	0	0	0.2	32.2
12:00	10	2	1.5	0	0	0	0	13.5
12:15	8	1	3	0	0	0	0	12
12:30	8	1	0	0	0	0	0	9
12:45	6	2	1.5	0	0	0	0	9.5
H/TOT	32	6	6	0	0	0	0	44
13:00	3	2	0	0	0	0	0	5
13:15	13	4	0	0	0	0	0	17
13:30	3	1	0	0	0	0	0	4
13:45	8	1	0	2	0	0	0	11
H/TOT	27	8	0	2	0	0	0	37
14:00	8	1	0	0	0	0	0	9
14:15	8	0	0	0	0	0	0	8
14:30	10	1	0	0	0	0	0	11
14:45	7	2	0	0	0	0	0	9
H/TOT	33	4	0	0	0	0	0	37
15:00	5	1	3	0	0	0	0	9
15:15	11	0	0	0	0	0	0	11
15:30	12	1	0	0	0	0	0	13
15:45	15	0	0	0	0	0	0	15
H/TOT	43	2	3	0	0	0	0	48
16:00	11	1	0	0	0	0	0	12
16:15	12	1	0	0	0	0	0	13
16:30	7	3	0	0	0	0	0	10
16:45	7	1	0	0	0	0	0	8
H/TOT	37	6	0	0	0	0	0	43
17:00	12	2	0	0	0	0	0	14
17:15	10	1	0	0	0	0	0	11
17:30	20	1	0	0	0	0	0	21
17:45	13	3	0	0	0	0	0	16
H/TOT	55	7	0	0	0	0	0	62
18:00	11	2	0	0	0	0	0	13
18:15	15	0	0	0	0	0	0	15
18:30	13	1	0	0	0	0	0	14
18:45	12	1	0	0	0	0	0	13
H/TOT	51	4	0	0	0	0	0	55
19:00	12	0	0	0	0	0	0	12
19:15	14	0	0	0	0	0	0	14
19:30	7	2	0	0	0	0	0	9
19:45	10	0	0	0	0	0	0	10
H/TOT	43	2	0	0	0	0	0	45
P/TOT	457	63	16.5	2	3	0	0.4	541.9





14343 / ABERGELE  
JULY 2023  
PCU CONVERSION

SITE: 1

DATE: 12-07-2023

LOCATION: A547 Market Street / A548 Chapel Street

DAY: Wednesday

TIME	TO ARM A							TOT
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	
06:00	19	6	0	0	0	0	0	25
06:15	21	2	0	0	0	0.3	0	23.3
06:30	39	8	0	2	0	0.3	0	49.3
06:45	41	4	0	0	6	0.3	0.2	51.5
H/TOT	120	20	0	2	6	0.9	0.2	149.1
07:00	42	11	4.5	0	0	0	0	57.5
07:15	44	9	0	0	6	0.6	0	59.6
07:30	81	9	1.5	0	0	0	0	91.5
07:45	86	18	0	0	3	0.3	0.2	107.5
H/TOT	253	47	6	0	9	0.9	0.2	316.1
08:00	94	6	4.5	4	6	0	0	114.5
08:15	93	13	6	0	6	0	0	118
08:30	122	8	4.5	0	3	0	0	137.5
08:45	89	11	1.5	0	6	0.3	0	107.8
H/TOT	398	38	16.5	4	21	0.3	0	477.8
09:00	65	12	7.5	0	6	0	0	90.5
09:15	78	7	1.5	0	3	0.3	0.2	90
09:30	71	14	10.5	2	3	0	0	100.5
09:45	67	8	4.5	0	6	0	0	85.5
H/TOT	281	41	24	2	18	0.3	0.2	366.5
10:00	62	16	4.5	2	6	0	0	90.5
10:15	73	14	3	4	3	0	0.2	97.2
10:30	64	11	3	2	3	0	0	83
10:45	73	8	0	2	6	0.3	0	89.3
H/TOT	272	49	10.5	10	18	0.3	0.2	360
11:00	66	8	0	4	12	0	0	90
11:15	73	8	6	0	6	0	0	93
11:30	73	9	4.5	0	9	0	0.2	95.7
11:45	79	17	1.5	0	3	0	0	100.5
H/TOT	291	42	12	4	30	0	0.2	379.2
12:00	85	9	3	0	3	0	0	100
12:15	103	7	4.5	2	6	0.3	0	122.8
12:30	80	15	6	0	6	0.3	0	107.3
12:45	76	13	6	2	3	0.6	0	100.6
H/TOT	344	44	19.5	4	18	1.2	0	430.7
13:00	78	14	4.5	0	3	0.6	0.2	100.3
13:15	80	7	3	2	9	0.3	0	101.3
13:30	83	16	3	2	3	0.3	0	107.3
13:45	75	6	3	0	6	0	0.2	90.2
H/TOT	316	43	13.5	4	21	1.2	0.4	399.1
14:00	84	13	4.5	4	3	0.6	0	109.1
14:15	73	12	1.5	4	3	0	0	93.5
14:30	72	16	3	0	12	0	0	103
14:45	83	12	1.5	0	6	0.9	0	103.4
H/TOT	312	53	10.5	8	24	1.5	0	409
15:00	93	19	3	0	6	0.3	0	121.3
15:15	95	14	0	4	3	0.6	0	116.6
15:30	76	6	0	0	6	0	0	88
15:45	88	14	1.5	2	9	0.6	0	115.1
H/TOT	352	53	4.5	6	24	1.5	0	441
16:00	86	10	1.5	0	6	0.3	0	103.8
16:15	97	15	3	0	6	0.3	0	121.3
16:30	98	12	1.5	0	6	0.3	0	117.8
16:45	110	20	0	0	9	0	0	139
H/TOT	391	57	6	0	27	0.9	0	481.9
17:00	100	14	1.5	0	3	0.3	0	118.8
17:15	117	8	1.5	0	9	0.6	0.2	136.3
17:30	100	6	0	0	6	0.3	0	112.3
17:45	111	8	0	0	6	0	0	125
H/TOT	428	36	3	0	24	1.2	0.2	492.4
18:00	76	9	0	0	3	0.3	0.2	88.5
18:15	73	6	0	0	9	0	0.2	88.2
18:30	81	4	0	0	3	0.3	0	88.3
18:45	58	6	0	0	3	0	0.6	67.6
H/TOT	288	25	0	0	18	0.6	1	332.6
19:00	72	2	0	2	3	0.3	0.2	79.5
19:15	71	6	0	0	3	0	0.2	80.2
19:30	42	6	0	0	6	0.3	0	54.3
19:45	34	2	0	0	3	0.3	0	39.3
H/TOT	219	16	0	2	15	0.9	0.4	253.3
P/TOT	4265	564	126	46	273	11.7	3	5288.7





14343 / ABERGELE  
JULY 2023  
PCU CONVERSION

SITE: 1

DATE: 12-07-2023

LOCATION: A547 Market Street / A548 Chapel Street

DAY: Wednesday

TIME	FROM ARM A							TOT
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	
06:00	9	2	1.5	0	3	0	0	15.5
06:15	7	3	3	0	3	0	0	16
06:30	12	6	3	0	3	0.3	0	24.3
06:45	21	4	1.5	0	3	0	0	29.5
H/TOT	49	15	9	0	12	0.3	0	85.3
07:00	24	9	3	2	3	0	0	41
07:15	36	6	3	4	6	0.3	0	55.3
07:30	34	8	3	0	6	0	0	51
07:45	79	12	3	2	3	0	0	99
H/TOT	173	35	12	8	18	0.3	0	246.3
08:00	70	10	6	0	9	0	0	95
08:15	80	13	1.5	0	6	0	0	100.5
08:30	82	12	9	0	9	0	0.2	112.2
08:45	99	18	0	0	15	0.3	0	132.3
H/TOT	331	53	16.5	0	39	0.3	0.2	440
09:00	98	24	1.5	0	0	0	0.2	123.7
09:15	60	15	12	4	12	0.3	0.2	103.5
09:30	48	13	1.5	2	6	0	0	70.5
09:45	66	11	4.5	0	9	0	0.2	90.7
H/TOT	272	63	19.5	6	27	0.3	0.6	388.4
10:00	62	7	1.5	0	6	0	0	76.5
10:15	88	9	9	0	12	0	0	118
10:30	103	13	3	0	6	0	0	125
10:45	86	13	3	0	3	0.3	0	105.3
H/TOT	339	42	16.5	0	27	0.3	0	424.8
11:00	81	19	4.5	0	6	0	0	110.5
11:15	92	9	1.5	2	3	0.3	0	107.8
11:30	76	12	6	4	9	0.3	0	107.3
11:45	82	13	6	2	3	0	0	106
H/TOT	331	53	18	8	21	0.6	0	431.6
12:00	90	9	6	2	9	0	0.2	116.2
12:15	72	9	0	0	0	0	0	81
12:30	69	7	0	4	6	0	0.4	86.4
12:45	74	17	3	0	9	0	0	103
H/TOT	305	42	9	6	24	0	0.6	386.6
13:00	77	8	0	2	3	0.6	0	90.6
13:15	80	11	3	0	3	0.3	0	97.3
13:30	81	12	3	4	3	0	0	103
13:45	79	18	3	2	0	0.6	0	102.6
H/TOT	317	49	9	8	9	1.5	0	393.5
14:00	74	9	3	2	3	0	0	91
14:15	91	15	6	0	6	0	0	118
14:30	76	11	0	0	9	0.3	0	96.3
14:45	72	10	1.5	2	6	0	0	91.5
H/TOT	313	45	10.5	4	24	0.3	0	396.8
15:00	81	4	0	0	3	0.6	0.2	88.8
15:15	96	12	1.5	0	9	0.3	0	118.8
15:30	100	10	4.5	0	6	0.3	0.2	121
15:45	104	8	0	0	9	0.3	0	121.3
H/TOT	381	34	6	0	27	1.5	0.4	449.9
16:00	92	12	0	0	3	0	0	107
16:15	105	14	0	0	6	0	0	125
16:30	78	11	0	0	9	0.6	0	98.6
16:45	106	13	0	0	3	0.9	0	122.9
H/TOT	381	50	0	0	21	1.5	0	453.5
17:00	136	16	0	0	9	0.3	0	161.3
17:15	116	17	1.5	0	0	0.6	0	135.1
17:30	118	7	0	0	6	0.3	0.2	131.5
17:45	112	9	1.5	0	3	0.3	0	125.8
H/TOT	482	49	3	0	18	1.5	0.2	553.7
18:00	100	6	0	0	3	0	0	109
18:15	103	5	0	0	6	0	0.2	114.2
18:30	80	8	0	2	3	0.3	0	93.3
18:45	98	6	1.5	0	3	0.3	0	108.8
H/TOT	381	25	1.5	2	15	0.6	0.2	425.3
19:00	81	4	0	0	0	0.3	0	85.3
19:15	68	7	0	0	3	0.3	0	78.3
19:30	75	1	0	0	3	0.3	0.2	79.5
19:45	55	4	0	0	3	0.3	0	62.3
H/TOT	279	16	0	0	9	1.2	0.2	305.4
P/TOT	4334	571	130.5	42	291	10.2	2.4	5381.1





14343 / ABERGELE  
JULY 2023  
PCU CONVERSION

SITE: 1

DATE: 12-07-2023

LOCATION: A547 Market Street / A548 Chapel Street

DAY: Wednesday

TIME	TO ARM B							TOT
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	
06:00	3	0	0	0	0	0	0	3
06:15	4	1	0	0	0	0	0	5
06:30	8	3	0	0	0	0	0	11
06:45	11	3	1.5	0	0	0	0	15.5
H/TOT	26	7	1.5	0	0	0	0	34.5
07:00	8	4	3	2	0	0	0	17
07:15	22	2	0	0	0	0	0	24
07:30	21	4	0	0	0	0	0	25
07:45	48	9	0	0	0	0	0	57
H/TOT	99	19	3	2	0	0	0	123
08:00	48	4	3	0	0	0	0	55
08:15	56	9	3	0	0	0	0	68
08:30	63	7	3	0	3	0	0	76
08:45	54	12	0	0	0	0.3	0	66.3
H/TOT	221	32	9	0	3	0.3	0	265.3
09:00	61	13	1.5	0	0	0	0.4	75.9
09:15	39	11	6	4	0	0.3	0.2	60.5
09:30	22	11	1.5	2	0	0	0	36.5
09:45	43	11	4.5	0	3	0	0	61.5
H/TOT	165	46	13.5	6	3	0.3	0.6	234.4
10:00	24	3	0	0	0	0	0	27
10:15	54	7	6	0	3	0	0	70
10:30	55	9	3	0	0	0	0	67
10:45	29	6	1.5	0	0	0	0	36.5
H/TOT	162	25	10.5	0	3	0	0	200.5
11:00	35	11	1.5	0	0	0	0	47.5
11:15	43	1	1.5	2	0	0.3	0	47.8
11:30	35	9	3	2	0	0.3	0	49.3
11:45	37	10	3	0	3	0	0.2	53.2
H/TOT	150	31	9	4	3	0.6	0.2	197.8
12:00	48	5	6	2	0	0	0.2	61.2
12:15	40	6	3	0	0	0	0	49
12:30	35	5	0	4	0	0	0	44
12:45	36	10	3	0	0	0	0	49
H/TOT	159	26	12	6	0	0	0.2	203.2
13:00	40	7	0	2	0	0	0	49
13:15	50	13	1.5	0	0	0.3	0	64.8
13:30	32	8	3	0	0	0	0	43
13:45	31	10	1.5	2	0	0.6	0	45.1
H/TOT	153	38	6	4	0	0.9	0	201.9
14:00	32	4	1.5	2	0	0	0	39.5
14:15	50	11	4.5	0	3	0	0	68.5
14:30	33	4	0	0	0	0	0	37
14:45	38	7	1.5	2	3	0	0	51.5
H/TOT	153	26	7.5	4	6	0	0	196.5
15:00	32	4	3	0	0	0.3	0.2	39.5
15:15	57	8	1.5	0	3	0	0	69.5
15:30	57	6	1.5	0	0	0.3	0.2	65
15:45	60	5	0	0	0	0.3	0	65.3
H/TOT	206	23	6	0	3	0.9	0.4	239.3
16:00	47	9	0	0	0	0	0	56
16:15	62	5	0	0	0	0	0	67
16:30	43	8	0	0	3	0.3	0	54.3
16:45	51	6	0	0	0	0.6	0	57.6
H/TOT	203	28	0	0	3	0.9	0	234.9
17:00	85	9	0	0	0	0	0	94
17:15	66	10	1.5	0	0	0.3	0	77.8
17:30	80	6	0	0	0	0	0.2	86.2
17:45	58	7	1.5	0	0	0	0	66.5
H/TOT	289	32	3	0	0	0.3	0.2	324.5
18:00	53	6	0	0	0	0	0	59
18:15	59	3	0	0	0	0	0.2	62.2
18:30	43	4	0	0	0	0	0	47
18:45	50	2	0	0	0	0	0	52
H/TOT	205	15	0	0	0	0	0.2	220.2
19:00	40	1	0	0	0	0	0	41
19:15	44	4	0	0	0	0	0	48
19:30	38	3	0	0	0	0	0.2	41.2
19:45	37	2	0	0	0	0	0	39
H/TOT	159	10	0	0	0	0	0.2	169.2
P/TOT	2350	358	81	26	24	4.2	2	2845.2





14343 / ABERGELE  
JULY 2023  
PCU CONVERSION

SITE: 1

DATE: 12-07-2023

LOCATION: A547 Market Street / A548 Chapel Street

DAY: Wednesday

TIME	FROM ARM B							TOT
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	
06:00	12	2	0	0	0	0	0	14
06:15	13	0	0	0	0	0.3	0	13.3
06:30	20	5	0	0	0	0.3	0	25.3
06:45	21	2	0	0	0	0	0.2	23.2
H/TOT	66	9	0	0	0	0.6	0.2	75.8
07:00	24	7	1.5	0	0	0	0	32.5
07:15	22	5	0	0	0	0	0	27
07:30	43	3	0	0	0	0	0	46
07:45	39	8	0	0	0	0	0.2	47.2
H/TOT	128	23	1.5	0	0	0	0.2	152.7
08:00	63	4	1.5	6	0	0	0	74.5
08:15	59	5	1.5	0	0	0	0	65.5
08:30	84	7	0	0	0	0	0	91
08:45	59	6	0	0	0	0	0	65
H/TOT	265	22	3	6	0	0	0	296
09:00	42	8	3	0	0	0	0	53
09:15	52	6	1.5	0	0	0	0.2	59.7
09:30	51	8	4.5	2	0	0	0	65.5
09:45	37	4	1.5	0	3	0	0	45.5
H/TOT	182	26	10.5	2	3	0	0.2	223.7
10:00	44	9	1.5	0	0	0	0	54.5
10:15	42	8	3	2	3	0	0.2	58.2
10:30	38	7	1.5	2	0	0	0	48.5
10:45	45	3	0	2	0	0.3	0.2	50.5
H/TOT	169	27	6	6	3	0.3	0.4	211.7
11:00	31	1	1.5	2	6	0	0	41.5
11:15	39	7	3	0	3	0	0	52
11:30	31	2	4.5	0	0	0	0	37.5
11:45	39	10	0	0	0	0	0	49
H/TOT	140	20	9	2	9	0	0	180
12:00	31	7	1.5	0	3	0	0	42.5
12:15	49	3	4.5	0	3	0.3	0	59.8
12:30	32	4	1.5	0	0	0	0	37.5
12:45	33	5	6	2	0	0	0	46
H/TOT	145	19	13.5	2	6	0.3	0	185.8
13:00	36	9	3	0	0	0.3	0.2	48.5
13:15	44	10	3	4	0	0	0	61
13:30	39	11	0	2	0	0	0	52
13:45	38	5	3	0	0	0	0.2	46.2
H/TOT	157	35	9	6	0	0.3	0.4	207.7
14:00	42	8	3	4	0	0.3	0	57.3
14:15	46	7	1.5	2	0	0	0	56.5
14:30	38	9	6	0	6	0	0	59
14:45	28	9	1.5	0	0	0.3	0	38.8
H/TOT	154	33	12	6	6	0.6	0	211.6
15:00	54	11	3	0	3	0.3	0	71.3
15:15	43	9	0	2	0	0.3	0	54.3
15:30	44	5	1.5	0	0	0	0	50.5
15:45	61	11	1.5	2	0	0.6	0	76.1
H/TOT	202	36	6	4	3	1.2	0	252.2
16:00	53	9	1.5	0	0	0	0	63.5
16:15	48	9	1.5	0	3	0	0	61.5
16:30	66	3	1.5	0	3	0	0	73.5
16:45	65	11	0	0	3	0	0	79
H/TOT	232	32	4.5	0	9	0	0	277.5
17:00	59	6	0	0	0	0	0	65
17:15	69	5	1.5	0	0	0.6	0.2	76.3
17:30	62	3	0	0	0	0	0	65
17:45	67	4	0	0	3	0	0	74
H/TOT	257	18	1.5	0	3	0.6	0.2	280.3
18:00	41	4	0	0	0	0.3	0	45.3
18:15	39	5	0	0	0	0	0	44
18:30	43	2	0	0	0	0	0	45
18:45	34	1	0	0	0	0	0	35
H/TOT	157	12	0	0	0	0.3	0	169.3
19:00	41	0	0	2	0	0	0.2	43.2
19:15	41	4	1.5	0	0	0	0.2	46.7
19:30	29	3	0	0	0	0	0	32
19:45	20	2	0	0	0	0.3	0	22.3
H/TOT	131	9	1.5	2	0	0.3	0.4	144.2
P/TOT	2385	321	78	36	42	4.5	2	2868.5





14343 / ABERGELE  
JULY 2023  
PCU CONVERSION

SITE: 1

DATE: 12-07-2023

LOCATION: A547 Market Street / A548 Chapel Street

DAY: Wednesday

TIME	TO ARM C							TOT
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	
06:00	6	2	1.5	0	3	0	0	12.5
06:15	3	3	3	0	3	0	0	12
06:30	6	3	3	0	3	0.3	0	15.3
06:45	14	2	1.5	0	3	0	0	20.5
H/TOT	29	10	9	0	12	0.3	0	60.3
07:00	18	7	0	0	3	0	0	28
07:15	17	5	3	4	6	0.3	0	35.3
07:30	22	6	3	0	6	0	0	37
07:45	38	4	3	2	3	0	0	50
H/TOT	95	22	9	6	18	0.3	0	150.3
08:00	34	7	3	2	9	0	0	55
08:15	37	5	3	0	6	0	0	51
08:30	37	8	6	0	9	0	0.2	60.2
08:45	61	6	0	0	15	0	0	82
H/TOT	169	26	12	2	39	0	0.2	248.2
09:00	50	12	1.5	0	0	0	0	63.5
09:15	38	8	6	0	12	0	0	64
09:30	48	7	0	0	6	0	0	61
09:45	49	4	0	0	9	0	0.2	62.2
H/TOT	185	31	7.5	0	27	0	0.2	250.7
10:00	55	4	1.5	0	6	0	0	66.5
10:15	63	3	4.5	0	12	0	0	82.5
10:30	67	8	0	2	6	0	0	83
10:45	75	9	3	2	3	0.3	0.2	92.5
H/TOT	260	24	9	4	27	0.3	0.2	324.5
11:00	60	9	4.5	0	9	0	0	82.5
11:15	69	11	0	0	6	0	0	86
11:30	59	6	4.5	2	9	0	0	80.5
11:45	62	10	3	2	0	0	0	77
H/TOT	250	36	12	4	24	0	0	326
12:00	64	9	1.5	0	12	0	0	86.5
12:15	51	6	1.5	0	3	0	0	61.5
12:30	51	3	0	0	6	0	0.4	60.4
12:45	55	11	1.5	0	9	0	0	76.5
H/TOT	221	29	4.5	0	30	0	0.4	284.9
13:00	48	7	0	0	3	0.6	0	58.6
13:15	52	8	1.5	2	3	0	0	66.5
13:30	61	7	0	4	3	0	0	75
13:45	71	9	1.5	2	0	0	0	83.5
H/TOT	232	31	3	8	9	0.6	0	283.6
14:00	65	8	1.5	0	3	0	0	77.5
14:15	57	4	3	2	3	0	0	69
14:30	64	11	3	0	12	0.3	0	90.3
14:45	45	6	0	0	3	0	0	54
H/TOT	231	29	7.5	2	21	0.3	0	290.8
15:00	62	1	1.5	0	6	0.3	0	70.8
15:15	57	7	0	0	6	0.3	0	70.3
15:30	69	7	4.5	0	6	0	0	86.5
15:45	75	3	0	0	9	0	0	87
H/TOT	263	18	6	0	27	0.6	0	314.6
16:00	67	6	0	0	3	0	0	76
16:15	70	11	0	0	6	0	0	87
16:30	52	6	0	0	9	0.3	0	67.3
16:45	74	9	0	0	6	0.3	0	89.3
H/TOT	263	32	0	0	24	0.6	0	319.6
17:00	74	10	0	0	9	0.3	0	93.3
17:15	73	10	0	0	0	0.3	0	83.3
17:30	72	3	0	0	6	0.3	0	81.3
17:45	90	7	0	0	3	0.3	0	100.3
H/TOT	309	30	0	0	18	1.2	0	358.2
18:00	68	2	0	0	3	0	0	73
18:15	65	3	0	0	6	0	0	74
18:30	60	5	0	2	3	0.3	0	70.3
18:45	75	5	1.5	0	3	0.3	0	84.8
H/TOT	268	15	1.5	2	15	0.6	0	302.1
19:00	65	3	0	0	0	0.3	0	68.3
19:15	47	5	1.5	0	3	0.3	0	56.8
19:30	56	1	0	0	3	0.3	0	60.3
19:45	33	2	0	0	3	0.3	0	38.3
H/TOT	201	11	1.5	0	9	1.2	0	223.7
P/TOT	2976	344	82.5	28	300	6	1	3737.5





14343 / ABERGELE  
JULY 2023  
PCU CONVERSION

SITE: 1

DATE: 12-07-2023

LOCATION: A547 Market Street / A548 Chapel Street

DAY: Wednesday

TIME	FROM ARM C							TOT
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	
06:00	7	4	0	0	0	0	0	11
06:15	8	3	0	0	0	0	0	11
06:30	21	3	0	2	0	0	0	26
06:45	24	3	1.5	0	6	0.3	0	34.8
H/TOT	60	13	1.5	2	6	0.3	0	82.8
07:00	20	6	3	0	0	0	0	29
07:15	25	5	0	0	6	0.6	0	36.6
07:30	47	8	1.5	0	0	0	0	56.5
07:45	54	11	0	0	3	0.3	0	68.3
H/TOT	146	30	4.5	0	9	0.9	0	190.4
08:00	43	3	3	0	6	0	0	55
08:15	47	9	9	0	6	0	0	71
08:30	56	4	4.5	0	6	0	0	70.5
08:45	46	5	1.5	0	6	0.3	0	58.8
H/TOT	192	21	18	0	24	0.3	0	255.3
09:00	36	5	6	0	6	0	0.2	53.2
09:15	43	5	0	0	3	0.3	0	51.3
09:30	42	11	6	0	3	0	0	62
09:45	56	8	3	0	6	0	0	73
H/TOT	177	29	15	0	18	0.3	0.2	239.5
10:00	35	7	3	2	6	0	0	53
10:15	60	7	1.5	2	3	0	0	73.5
10:30	45	8	1.5	2	3	0	0	59.5
10:45	46	7	1.5	2	6	0	0	62.5
H/TOT	186	29	7.5	8	18	0	0	248.5
11:00	49	8	0	2	9	0	0	68
11:15	54	4	3	0	6	0	0	67
11:30	60	10	1.5	0	9	0	0.2	80.7
11:45	57	14	1.5	0	3	0	0.2	75.7
H/TOT	220	36	6	2	27	0	0.4	291.4
12:00	76	7	3	0	3	0	0	89
12:15	73	7	4.5	2	6	0	0	92.5
12:30	65	12	4.5	0	6	0.3	0	87.8
12:45	60	12	1.5	0	3	0.6	0	77.1
H/TOT	274	38	13.5	2	18	0.9	0	346.4
13:00	53	11	1.5	0	3	0.3	0	68.8
13:15	58	7	0	0	9	0.3	0	74.3
13:30	56	8	3	0	3	0.3	0	70.3
13:45	60	2	0	2	6	0	0	70
H/TOT	227	28	4.5	2	21	0.9	0	283.4
14:00	65	8	1.5	0	3	0.3	0	77.8
14:15	43	5	1.5	4	3	0	0	56.5
14:30	55	11	0	0	9	0	0	75
14:45	66	6	0	0	6	0.6	0	78.6
H/TOT	229	30	3	4	21	0.9	0	287.9
15:00	52	9	4.5	0	6	0	0	71.5
15:15	70	8	0	2	3	0.3	0	83.3
15:30	58	4	0	0	6	0	0	68
15:45	58	3	0	0	9	0	0	70
H/TOT	238	24	4.5	2	24	0.3	0	292.8
16:00	55	4	0	0	6	0.3	0	65.3
16:15	76	8	1.5	0	3	0.3	0	88.8
16:30	49	12	0	0	6	0.3	0	67.3
16:45	64	11	0	0	9	0	0	84
H/TOT	244	35	1.5	0	24	0.9	0	305.4
17:00	64	11	1.5	0	3	0.3	0	79.8
17:15	71	6	0	0	9	0	0	86
17:30	72	5	0	0	6	0.3	0	83.3
17:45	80	9	0	0	3	0	0	92
H/TOT	287	31	1.5	0	21	0.6	0	341.1
18:00	56	7	0	0	3	0	0.2	66.2
18:15	55	2	0	0	9	0	0.2	66.2
18:30	61	3	0	0	3	0.3	0	67.3
18:45	51	6	0	0	3	0	0.6	60.6
H/TOT	223	18	0	0	18	0.3	1	260.3
19:00	55	2	0	0	3	0.3	0	60.3
19:15	53	4	0	0	3	0	0	60
19:30	32	6	0	0	6	0.3	0	44.3
19:45	29	0	0	0	3	0	0	32
H/TOT	169	12	0	0	15	0.6	0	196.6
P/TOT	2872	374	81	22	264	7.2	1.6	3621.8





14343 / ABERGELE  
JULY 2023  
PCU CONVERSION

SITE: 1

DATE: 12-07-2023

LOCATION: A547 Market Street / A548 Chapel Street

DAY: Wednesday

TIME	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
06:00	28	8	1.5	0	3	0	0	40.5
06:15	28	6	3	0	3	0.3	0	40.3
06:30	53	14	3	2	3	0.6	0	75.6
06:45	66	9	3	0	9	0.3	0.2	87.5
H/TOT	175	37	10.5	2	18	1.2	0.2	243.9
07:00	68	22	7.5	2	3	0	0	102.5
07:15	83	16	3	4	12	0.9	0	118.9
07:30	124	19	4.5	0	6	0	0	153.5
07:45	172	31	3	2	6	0.3	0.2	214.5
H/TOT	447	88	18	8	27	1.2	0.2	589.4
08:00	176	17	10.5	6	15	0	0	224.5
08:15	186	27	12	0	12	0	0	237
08:30	222	23	13.5	0	15	0	0.2	273.7
08:45	204	29	1.5	0	21	0.6	0	256.1
H/TOT	788	96	37.5	6	63	0.6	0.2	991.3
09:00	176	37	10.5	0	6	0	0.4	229.9
09:15	155	26	13.5	4	15	0.6	0.4	214.5
09:30	141	32	12	4	9	0	0	198
09:45	159	23	9	0	18	0	0.2	209.2
H/TOT	631	118	45	8	48	0.6	1	851.6
10:00	141	23	6	2	12	0	0	184
10:15	190	24	13.5	4	18	0	0.2	249.7
10:30	186	28	6	4	9	0	0	233
10:45	177	23	4.5	4	9	0.6	0.2	218.3
H/TOT	694	98	30	14	48	0.6	0.4	885
11:00	161	28	6	4	21	0	0	220
11:15	185	20	7.5	2	12	0.3	0	226.8
11:30	167	24	12	4	18	0.3	0.2	225.5
11:45	178	37	7.5	2	6	0	0.2	230.7
H/TOT	691	109	33	12	57	0.6	0.4	903
12:00	197	23	10.5	2	15	0	0.2	247.7
12:15	194	19	9	2	9	0.3	0	233.3
12:30	166	23	6	4	12	0.3	0.4	211.7
12:45	167	34	10.5	2	12	0.6	0	226.1
H/TOT	724	99	36	10	48	1.2	0.6	918.8
13:00	166	28	4.5	2	6	1.2	0.2	207.9
13:15	182	28	6	4	12	0.6	0	232.6
13:30	176	31	6	6	6	0.3	0	225.3
13:45	177	25	6	4	6	0.6	0.2	218.8
H/TOT	701	112	22.5	16	30	2.7	0.4	884.6
14:00	181	25	7.5	6	6	0.6	0	226.1
14:15	180	27	9	6	9	0	0	231
14:30	169	31	6	0	24	0.3	0	230.3
14:45	166	25	3	2	12	0.9	0	208.9
H/TOT	696	108	25.5	14	51	1.8	0	896.3
15:00	187	24	7.5	0	12	0.9	0.2	231.6
15:15	209	29	1.5	4	12	0.9	0	256.4
15:30	202	19	6	0	12	0.3	0.2	239.5
15:45	223	22	1.5	2	18	0.9	0	267.4
H/TOT	821	94	16.5	6	54	3	0.4	994.9
16:00	200	25	1.5	0	9	0.3	0	235.8
16:15	229	31	3	0	12	0.3	0	275.3
16:30	193	26	1.5	0	18	0.9	0	239.4
16:45	235	35	0	0	15	0.9	0	285.9
H/TOT	857	117	6	0	54	2.4	0	1036
17:00	259	33	1.5	0	12	0.6	0	306.1
17:15	256	28	3	0	9	1.2	0.2	297.4
17:30	252	15	0	0	12	0.6	0.2	279.8
17:45	259	22	1.5	0	9	0.3	0	291.8
H/TOT	1026	98	6	0	42	2.7	0.4	1175
18:00	197	17	0	0	6	0.3	0.2	220.5
18:15	197	12	0	0	15	0	0.4	224.4
18:30	184	13	0	2	6	0.6	0	205.6
18:45	183	13	1.5	0	6	0.3	0.6	204.4
H/TOT	761	55	1.5	2	33	1.2	1.2	854.9
19:00	177	6	0	2	3	0.6	0.2	188.8
19:15	162	15	1.5	0	6	0.3	0.2	185
19:30	136	10	0	0	9	0.6	0.2	155.8
19:45	104	6	0	0	6	0.6	0	116.6
H/TOT	579	37	1.5	2	24	2.1	0.6	646.2
P/TOT	9591	1266	289.5	100	597	21.9	6	11871

PEAK HOUR CALCULATION	TOT
06:00 to 07:00	243.9
06:15 to 07:15	305.9
06:30 to 07:30	384.5
06:45 to 07:45	462.4
07:00 to 08:00	589.4
07:15 to 08:15	711.4
07:30 to 08:30	829.5
07:45 to 08:45	949.7
08:00 to 09:00	991.3
08:15 to 09:15	996.7
08:30 to 09:30	974.2
08:45 to 09:45	898.5
09:00 to 10:00	851.6
09:15 to 10:15	805.7
09:30 to 10:30	840.9
09:45 to 10:45	875.9
A.M. Peak	996.7
10:00 to 11:00	885
10:15 to 11:15	921
10:30 to 11:30	898.1
10:45 to 11:45	890.6
11:00 to 12:00	903
11:15 to 12:15	930.7
11:30 to 12:30	937.2
11:45 to 12:45	923.4
12:00 to 13:00	918.8
12:15 to 13:15	879
12:30 to 13:30	878.3
12:45 to 13:45	891.9
13:00 to 14:00	884.6
13:15 to 14:15	902.8
13:30 to 14:30	901.2
13:45 to 14:45	906.2
14:00 to 15:00	896.3
14:15 to 15:15	901.8
14:30 to 15:30	927.2
14:45 to 15:45	936.4
15:00 to 16:00	994.9
15:15 to 16:15	999.1
15:30 to 16:30	1018
15:45 to 16:45	1017.9
Inter Peak	994.9
16:00 to 17:00	1036.4
16:15 to 17:15	1106.7
16:30 to 17:30	1128.8
16:45 to 17:45	1169.2
17:00 to 18:00	1175.1
17:15 to 18:15	1089.5
17:30 to 18:30	1016.5
17:45 to 18:45	942.3
18:00 to 19:00	854.9
18:15 to 19:15	823.2
18:30 to 19:30	783.8
18:45 to 19:45	734
19:00 to 20:00	646.2
P.M. Peak	1175.1





14343 / ABERGELE  
JULY 2023  
PCU CONVERSION

SITE: 2

DATE: 12-07-2023

LOCATION: A547 Market Street / A548 Water Street

DAY: Wednesday

TIME	CAR	LGV	OGV1	A to B OGV2	PSV	MCL	PCL	TOT
06:00	4	0	0	0	0	0	0	4
06:15	2	0	0	0	0	0	0	2
06:30	3	1	0	0	0	0	0	4
06:45	3	0	0	2	0	0	0	5
H/TOT	12	1	0	2	0	0	0	15
07:00	5	0	0	0	0	0	0	5
07:15	5	2	0	0	0	0	0	7
07:30	5	1	0	0	0	0	0	6
07:45	7	2	0	0	0	0	0.2	9.2
H/TOT	22	5	0	0	0	0	0.2	27.2
08:00	11	5	0	0	0	0	0.2	16.2
08:15	13	1	0	0	6	0	0	20
08:30	12	2	3	0	3	0	0	20
08:45	16	1	1.5	0	0	0	0	18.5
H/TOT	52	9	4.5	0	9	0	0.2	74.7
09:00	6	1	1.5	0	6	0	0	14.5
09:15	7	3	1.5	0	3	0	0	14.5
09:30	13	4	1.5	0	0	0	0	18.5
09:45	9	5	1.5	0	0	0	0	15.5
H/TOT	35	13	6	0	9	0	0	63
10:00	5	1	0	4	3	0	0	13
10:15	8	1	0	0	3	0	0	12
10:30	8	4	0	2	0	0	0	14
10:45	9	0	0	0	0	0	0	9
H/TOT	30	6	0	6	6	0	0	48
11:00	12	2	0	0	0	0	0	14
11:15	9	0	1.5	0	0	0	0	10.5
11:30	9	2	0	0	0	0	0	11
11:45	6	0	0	0	0	0	0	6
H/TOT	36	4	1.5	0	0	0	0	41.5
12:00	17	2	0	0	0	0	0	19
12:15	13	0	3	0	0	0	0	16
12:30	18	2	1.5	0	0	0.3	0	21.8
12:45	5	2	0	2	0	0	0	9
H/TOT	53	6	4.5	2	0	0.3	0	65.8
13:00	11	2	0	0	0	0	0	13
13:15	11	3	0	0	0	0	0	14
13:30	17	0	0	0	0	0	0	17
13:45	11	3	3	0	0	0	0	17
H/TOT	50	8	3	0	0	0	0	61
14:00	14	1	0	0	0	0	0	15
14:15	18	2	0	0	0	0	0	20
14:30	21	1	0	0	0	0	0	22
14:45	12	4	1.5	0	0	0	0	17.5
H/TOT	65	8	1.5	0	0	0	0	74.5
15:00	18	9	1.5	2	3	0	0	33.5
15:15	16	0	1.5	0	0	0	0	17.5
15:30	17	1	0	0	0	0	0	18
15:45	11	1	0	2	0	0.3	0	14.3
H/TOT	62	11	3	4	3	0.3	0	83.3
16:00	12	3	1.5	0	3	0	0	19.5
16:15	15	1	0	0	0	0	0	16
16:30	10	2	0	0	0	0	0	12
16:45	18	0	0	0	0	0	0	18
H/TOT	55	6	1.5	0	3	0	0	65.5
17:00	11	4	0	0	0	0	0	15
17:15	6	2	0	0	0	0	0	8
17:30	8	1	0	0	0	0	0	9
17:45	10	1	0	0	0	0	0	11
H/TOT	35	8	0	0	0	0	0	43
18:00	7	1	0	0	0	0	0	8
18:15	12	0	0	0	0	0	0	12
18:30	8	3	0	0	0	0	0	11
18:45	12	1	0	0	0	0	0	13
H/TOT	39	5	0	0	0	0	0	44
19:00	8	1	0	0	0	0	0	9
19:15	5	0	0	0	0	0	0	5
19:30	5	0	0	0	0	0	0	5
19:45	7	1	0	0	0	0	0	8
H/TOT	25	2	0	0	0	0	0	27
P/TOT	571	92	25.5	14	30	0.6	0.4	733.5





14343 / ABERGELE  
JULY 2023  
PCU CONVERSION

SITE: 2

DATE: 12-07-2023

LOCATION: A547 Market Street / A548 Water Street

DAY: Wednesday

TIME	CAR	LGV	OGV1	A to C OGV2	PSV	MCL	PCL	TOT
06:00	2	0	1.5	0	3	0	0	6.5
06:15	1	1	1.5	0	3	0	0	6.5
06:30	5	1	0	0	3	0	0	9
06:45	2	2	0	0	3	0	0	7
H/TOT	10	4	3	0	12	0	0	29
07:00	9	2	0	0	3	0	0	14
07:15	14	1	0	0	6	0	0	21
07:30	12	3	0	0	3	0	0	18
07:45	28	4	0	0	0	0	0	32
H/TOT	63	10	0	0	12	0	0	85
08:00	29	5	3	0	3	0	0	40
08:15	30	6	3	0	6	0	0	45
08:30	35	7	3	0	3	0	0	48
08:45	37	9	0	0	6	0.3	0	52.3
H/TOT	131	27	9	0	18	0.3	0	185.3
09:00	37	11	0	0	0	0	0	48
09:15	26	9	4.5	0	12	0	0.2	51.7
09:30	20	3	0	0	3	0	0	26
09:45	28	4	4.5	0	6	0	0	42.5
H/TOT	111	27	9	0	21	0	0.2	168.2
10:00	29	5	0	0	3	0	0	37
10:15	36	2	1.5	0	9	0	0	48.5
10:30	42	4	0	0	6	0	0	52
10:45	31	6	1.5	0	3	0	0	41.5
H/TOT	138	17	3	0	21	0	0	179
11:00	30	7	1.5	0	3	0	0	41.5
11:15	37	1	3	0	3	0	0.2	44.2
11:30	34	5	0	0	9	0	0	48
11:45	34	3	0	0	3	0.3	0	40.3
H/TOT	135	16	4.5	0	18	0.3	0.2	174
12:00	42	4	1.5	0	6	0	0	53.5
12:15	22	6	0	0	0	0	0	28
12:30	20	6	0	2	6	0	0.2	34.2
12:45	14	6	3	0	6	0	0	29
H/TOT	98	22	4.5	2	18	0	0.2	144.7
13:00	20	3	0	0	3	0.3	0	26.3
13:15	27	4	0	0	3	0	0	34
13:30	34	5	0	4	0	0	0	43
13:45	29	8	0	0	0	0	0	37
H/TOT	110	20	0	4	6	0.3	0	140.3
14:00	27	3	0	0	3	0	0	33
14:15	38	7	3	0	3	0	0	51
14:30	18	5	0	0	6	0	0	29
14:45	25	2	0	0	6	0	0	33
H/TOT	108	17	3	0	18	0	0	146
15:00	27	1	0	0	3	0.3	0.2	31.5
15:15	46	3	0	0	6	0.3	0	55.3
15:30	35	5	0	0	3	0.3	0.2	43.5
15:45	49	4	0	0	6	0.3	0	59.3
H/TOT	157	13	0	0	18	1.2	0.4	189.6
16:00	39	2	0	0	3	0	0	44
16:15	34	7	0	0	3	0	0	44
16:30	32	5	0	0	6	0	0	43
16:45	38	4	0	0	3	0.3	0	45.3
H/TOT	143	18	0	0	15	0.3	0	176.3
17:00	47	3	0	0	6	0	0	56
17:15	36	11	1.5	0	0	0.3	0	48.8
17:30	43	2	0	0	6	0	0	51
17:45	34	3	0	0	3	0	0	40
H/TOT	160	19	1.5	0	15	0.3	0	195.8
18:00	34	2	0	0	3	0	0	39
18:15	28	1	0	0	3	0	0.2	32.2
18:30	30	2	0	0	0	0.3	0	32.3
18:45	40	0	0	0	3	0	0	43
H/TOT	132	5	0	0	9	0.3	0.2	146.5
19:00	20	2	0	0	0	0.6	0.2	22.8
19:15	21	0	0	0	3	0	0	24
19:30	27	0	0	0	0	0.3	0	27.3
19:45	19	0	0	0	3	0	0	22
H/TOT	87	2	0	0	6	0.9	0.2	96.1
P/TOT	1583	217	37.5	6	207	3.9	1.4	2055.8





14343 / ABERGELE  
JULY 2023  
PCU CONVERSION

SITE: 2

DATE: 12-07-2023

LOCATION: A547 Market Street / A548 Water Street

DAY: Wednesday

TIME	CAR	LGV	OGV1	B to C OGV2	PSV	MCL	PCL	TOT
06:00	7	3	0	0	0	0	0	10
06:15	5	3	1.5	0	0	0	0	9.5
06:30	7	3	3	0	0	0.3	0	13.3
06:45	20	2	1.5	0	0	0	0	23.5
H/TOT	39	11	6	0	0	0.3	0	56.3
07:00	16	6	3	2	0	0	0	27
07:15	22	3	3	4	0	0.3	0	32.3
07:30	20	5	3	0	3	0	0	31
07:45	52	8	3	2	3	0	0	68
H/TOT	110	22	12	8	6	0.3	0	158.3
08:00	41	5	3	0	6	0	0	55
08:15	50	7	1.5	0	0	0	0	58.5
08:30	47	5	3	0	6	0	0.2	61.2
08:45	67	9	0	0	9	0	0	85
H/TOT	205	26	7.5	0	21	0	0.2	259.7
09:00	56	14	1.5	2	0	0	0.2	73.7
09:15	32	6	7.5	2	0	0.3	0	47.8
09:30	30	11	1.5	2	3	0	0	47.5
09:45	40	6	0	0	3	0	0	49
H/TOT	158	37	10.5	6	6	0.3	0.2	218
10:00	35	4	1.5	0	3	0	0	43.5
10:15	52	7	7.5	0	3	0	0	69.5
10:30	66	7	3	0	0	0	0	76
10:45	50	9	1.5	0	0	0.3	0	60.8
H/TOT	203	27	13.5	0	6	0.3	0	249.8
11:00	48	13	3	0	3	0	0	67
11:15	56	5	0	2	0	0	0	63
11:30	42	8	6	4	0	0.3	0	60.3
11:45	50	9	4.5	2	0	0	0	65.5
H/TOT	196	35	13.5	8	3	0.3	0	255.8
12:00	45	5	4.5	2	3	0	0	59.5
12:15	49	3	0	0	0	0	0	52
12:30	50	2	0	2	0	0	0.2	54.2
12:45	58	13	0	0	3	0	0	74
H/TOT	202	23	4.5	4	6	0	0.2	239.7
13:00	56	5	0	2	0	0.3	0	63.3
13:15	53	5	3	0	0	0.3	0	61.3
13:30	51	8	3	0	3	0	0	65
13:45	50	10	3	2	0	0.9	0	65.9
H/TOT	210	28	9	4	3	1.5	0	255.5
14:00	43	8	3	2	0	0	0	56
14:15	57	6	3	0	3	0	0	69
14:30	54	8	0	0	3	0	0	65
14:45	51	8	1.5	2	0	0	0	62.5
H/TOT	205	30	7.5	4	6	0	0	252.5
15:00	56	5	0	0	0	0.3	0	61.3
15:15	55	7	1.5	0	3	0	0	66.5
15:30	61	5	4.5	0	3	0.3	0	73.8
15:45	57	2	0	0	3	0	0	62
H/TOT	229	19	6	0	9	0.6	0	263.6
16:00	55	11	0	0	0	0	0	66
16:15	74	6	0	0	3	0	0	83
16:30	43	6	0	0	3	0.6	0	52.6
16:45	66	9	0	0	0	0.3	0	75.3
H/TOT	238	32	0	0	6	0.9	0	276.9
17:00	89	13	0	0	3	0.3	0	105.3
17:15	78	6	0	0	0	0.3	0	84.3
17:30	74	5	0	0	0	0.3	0	79.3
17:45	76	6	1.5	0	3	0.3	0	86.8
H/TOT	317	30	1.5	0	6	1.2	0	355.7
18:00	66	5	0	0	0	0	0	71
18:15	77	3	0	0	0	0	0	80
18:30	50	6	0	2	3	0.3	0	61.3
18:45	55	6	1.5	0	0	0	0	62.5
H/TOT	248	20	1.5	2	3	0.3	0	274.8
19:00	61	3	0	0	0	0	0	64
19:15	47	6	0	0	0	0	0	53
19:30	49	1	0	0	3	0	0	53
19:45	34	4	0	0	0	0.3	0	38.3
H/TOT	191	14	0	0	3	0.3	0	208.3
P/TOT	2751	354	93	36	84	6.3	0.6	3324.9





14343 / ABERGELE  
JULY 2023  
PCU CONVERSION

SITE: 2

DATE: 12-07-2023

LOCATION: A547 Market Street / A548 Water Street

DAY: Wednesday

TIME	CAR	LGV	OGV1	B to A OGV2	PSV	MCL	PCL	TOT
06:00	0	0	0	0	0	0	0.2	0.2
06:15	0	0	0	0	0	0	0	0
06:30	4	0	0	0	0	0	0	4
06:45	1	0	0	0	0	0	0	1
H/TOT	5	0	0	0	0	0	0.2	5.2
07:00	0	1	1.5	0	0	0	0	2.5
07:15	1	0	0	0	0	0	0	1
07:30	4	2	0	0	0	0	0	6
07:45	11	6	3	4	0	0	0	24
H/TOT	16	9	4.5	4	0	0	0	33.5
08:00	16	5	0	0	0	0	0	21
08:15	4	2	4.5	0	3	0	0	13.5
08:30	14	5	3	0	3	0	0	25
08:45	11	3	1.5	0	3	0	0	18.5
H/TOT	45	15	9	0	9	0	0	78
09:00	7	1	1.5	0	0	0	0	9.5
09:15	11	5	1.5	2	0	0	0	19.5
09:30	8	0	0	0	0	0	0.2	8.2
09:45	4	3	0	0	0	0	0	7
H/TOT	30	9	3	2	0	0	0.2	44.2
10:00	4	4	1.5	0	0	0	0	9.5
10:15	12	1	0	0	0	0	0	13
10:30	8	1	0	0	0	0	0	9
10:45	11	1	1.5	0	0	0	0	13.5
H/TOT	35	7	3	0	0	0	0	45
11:00	8	3	0	2	0	0	0.2	13.2
11:15	9	1	0	0	0	0	0	10
11:30	10	3	0	0	0	0	0	13
11:45	7	0	0	0	0	0	0	7
H/TOT	34	7	0	2	0	0	0.2	43.2
12:00	6	1	0	0	0	0	0.4	7.4
12:15	14	3	4.5	0	0	0	0	21.5
12:30	10	1	0	0	0	0	0	11
12:45	12	1	1.5	0	0	0.3	0	14.8
H/TOT	42	6	6	0	0	0.3	0.4	54.7
13:00	12	2	3	0	0	0	0	17
13:15	4	2	0	0	0	0	0	6
13:30	11	1	0	0	0	0	0	12
13:45	8	0	0	0	0	0	0	8
H/TOT	35	5	3	0	0	0	0	43
14:00	18	2	0	0	0	0	0	20
14:15	9	1	0	0	0	0	0	10
14:30	9	1	0	2	0	0	0	12
14:45	6	3	0	0	0	0	0	9
H/TOT	42	7	0	2	0	0	0	51
15:00	7	3	0	0	0	0	0	10
15:15	9	2	0	2	3	0	0	16
15:30	11	2	0	0	0	0	0	13
15:45	2	0	0	0	0	0	0	2
H/TOT	29	7	0	2	3	0	0	41
16:00	8	3	0	0	0	0.3	0	11.3
16:15	7	0	0	2	0	0	0	9
16:30	10	0	0	0	0	0	0	10
16:45	8	1	0	0	0	0	0.2	9.2
H/TOT	33	4	0	2	0	0.3	0.2	39.5
17:00	10	1	0	0	0	0	0.2	11.2
17:15	11	1	0	0	0	0	0	12
17:30	7	0	1.5	0	3	0	0	11.5
17:45	13	1	0	0	0	0	0	14
H/TOT	41	3	1.5	0	3	0	0.2	48.7
18:00	14	1	0	0	0	0	0	15
18:15	10	2	0	0	0	0	0	12
18:30	16	1	0	0	0	0	0	17
18:45	7	1	0	0	0	0	0	8
H/TOT	47	5	0	0	0	0	0	52
19:00	8	2	0	0	0	0.3	0	10.3
19:15	9	0	0	0	0	0	0	9
19:30	4	0	0	0	0	0.3	0	4.3
19:45	7	0	0	0	3	0	0	10
H/TOT	28	2	0	0	3	0.6	0	33.6
P/TOT	462	86	30	14	18	1.2	1.4	612.6





14343 / ABERGELE  
JULY 2023  
PCU CONVERSION

SITE: 2

DATE: 12-07-2023

LOCATION: A547 Market Street / A548 Water Street

DAY: Wednesday

TIME	CAR	LGV	OGV1	C to A OGV2	PSV	MCL	PCL	TOT
06:00	4	2	0	0	0	0	0	6
06:15	3	0	0	0	0	0	0	3
06:30	7	2	0	0	0	0	0	9
06:45	10	1	0	0	3	0	0.2	14.2
H/TOT	24	5	0	0	3	0	0.2	32.2
07:00	6	0	0	0	0	0	0	6
07:15	10	0	0	0	3	0	0	13
07:30	10	1	0	0	0	0	0	11
07:45	17	1	0	0	3	0	0	21
H/TOT	43	2	0	0	6	0	0	51
08:00	24	1	0	0	3	0	0	28
08:15	26	4	0	0	3	0	0	33
08:30	41	4	0	0	3	0	0.2	48.2
08:45	32	3	0	0	3	0	0	38
H/TOT	123	12	0	0	12	0	0.2	147.2
09:00	23	4	1.5	0	3	0	0	31.5
09:15	29	2	0	0	3	0	0.2	34.2
09:30	24	5	1.5	0	3	0	0	33.5
09:45	22	3	1.5	0	6	0	0	32.5
H/TOT	98	14	4.5	0	15	0	0.2	131.7
10:00	22	6	0	0	3	0	0	31
10:15	28	2	0	0	3	0	0	33
10:30	23	6	0	0	3	0	0	32
10:45	21	1	0	0	3	0	0.2	25.2
H/TOT	94	15	0	0	12	0	0.2	121.2
11:00	28	0	0	0	6	0	0	34
11:15	22	2	3	0	3	0	0	30
11:30	27	1	3	0	6	0	0	37
11:45	25	5	0	0	3	0.3	0	33.3
H/TOT	102	8	6	0	18	0.3	0	134.3
12:00	32	2	0	0	3	0	0	37
12:15	31	3	0	0	6	0.3	0	40.3
12:30	31	8	1.5	0	3	0	0	43.5
12:45	22	6	3	0	3	0.3	0	34.3
H/TOT	116	19	4.5	0	15	0.6	0	155.1
13:00	23	6	0	0	3	0.6	0	32.6
13:15	26	3	1.5	0	6	0	0	36.5
13:30	37	7	1.5	2	3	0	0	50.5
13:45	24	1	1.5	0	3	0	0.2	29.7
H/TOT	110	17	4.5	2	15	0.6	0.2	149.3
14:00	23	4	1.5	0	0	0.3	0	28.8
14:15	28	7	1.5	0	3	0	0	39.5
14:30	24	4	0	0	6	0	0	34
14:45	20	6	0	0	6	0.3	0	32.3
H/TOT	95	21	3	0	15	0.6	0	134.6
15:00	33	7	0	0	3	0.3	0	43.3
15:15	31	4	0	0	3	0	0	38
15:30	22	1	0	0	6	0	0	29
15:45	28	6	0	0	3	0.3	0	37.3
H/TOT	114	18	0	0	15	0.6	0	147.6
16:00	22	2	0	0	6	0.3	0	30.3
16:15	28	4	0	0	0	0	0	32
16:30	33	4	0	0	6	0	0	43
16:45	36	11	0	0	6	0	0	53
H/TOT	119	21	0	0	18	0.3	0	158.3
17:00	34	5	0	0	3	0	0	42
17:15	37	1	0	0	6	0.3	0.2	44.5
17:30	34	2	0	0	3	0	0	39
17:45	34	2	0	0	3	0	0	39
H/TOT	139	10	0	0	15	0.3	0.2	164.5
18:00	23	2	0	0	3	0.3	0	28.3
18:15	18	3	0	0	6	0	0.2	27.2
18:30	22	2	0	0	3	0	0	27
18:45	23	1	0	0	3	0	0	27
H/TOT	86	8	0	0	15	0.3	0.2	109.5
19:00	23	0	0	0	0	0	0.2	23.2
19:15	29	2	0	0	3	0	0	34
19:30	16	2	0	0	6	0	0	24
19:45	10	0	0	0	3	0.3	0	13.3
H/TOT	78	4	0	0	12	0.3	0.2	94.5
P/TOT	1341	174	22.5	2	186	3.9	1.6	1731





14343 / ABERGELE  
JULY 2023  
PCU CONVERSION

SITE: 2

DATE: 12-07-2023

LOCATION: A547 Market Street / A548 Water Street

DAY: Wednesday

TIME	CAR	LGV	OGV1	C to B OGV2	PSV	MCL	PCL	TOT
06:00	15	4	0	0	0	0	0	19
06:15	18	2	0	0	0	0.3	0	20.3
06:30	32	6	0	2	0	0	0	40
06:45	31	3	0	0	3	0.6	0	37.6
H/TOT	96	15	0	2	3	0.9	0	116.9
07:00	35	11	4.5	0	0	0	0	50.5
07:15	36	10	0	0	3	0.3	0	49.3
07:30	74	9	1.5	0	0	0.3	0	84.8
07:45	67	17	0	0	0	0.3	0.2	84.5
H/TOT	212	47	6	0	3	0.9	0.2	269.1
08:00	69	6	4.5	4	3	0	0	86.5
08:15	69	7	6	0	3	0	0	85
08:30	79	4	4.5	0	0	0	0	87.5
08:45	57	8	1.5	0	3	0.3	0	69.8
H/TOT	274	25	16.5	4	9	0.3	0	328.8
09:00	42	10	6	0	3	0	0	61
09:15	47	5	1.5	0	0	0.3	0	53.8
09:30	49	9	9	2	0	0	0	69
09:45	44	5	3	0	0	0	0	52
H/TOT	182	29	19.5	2	3	0.3	0	235.8
10:00	41	10	4.5	2	3	0	0	60.5
10:15	45	12	3	4	0	0	0.2	64.2
10:30	42	4	3	2	0	0	0	51
10:45	52	7	0	0	3	0	0	62
H/TOT	180	33	10.5	8	6	0	0.2	237.7
11:00	38	6	0	6	6	0	0	56
11:15	50	5	3	0	3	0	0	61
11:30	45	8	1.5	0	3	0	0.2	57.7
11:45	54	10	1.5	0	0	0	0	65.5
H/TOT	187	29	6	6	12	0	0.2	240.2
12:00	51	8	3	0	0	0	0	62
12:15	69	4	4.5	2	0	0	0	79.5
12:30	49	8	4.5	0	3	0.3	0	64.8
12:45	54	8	3	2	0	0.3	0	67.3
H/TOT	223	28	15	4	3	0.6	0	273.6
13:00	60	7	4.5	0	0	0	0.2	71.7
13:15	50	4	1.5	0	3	0.3	0	58.8
13:30	46	9	1.5	2	0	0.3	0	58.8
13:45	55	5	1.5	0	3	0	0	64.5
H/TOT	211	25	9	2	6	0.6	0.2	253.8
14:00	58	8	3	4	3	0.3	0	76.3
14:15	48	6	0	4	0	0	0	58
14:30	46	12	3	0	6	0	0	67
14:45	64	6	1.5	0	0	0.6	0	72.1
H/TOT	216	32	7.5	8	9	0.9	0	273.4
15:00	63	11	3	0	3	0	0	80
15:15	62	11	0	4	0	0.6	0	77.6
15:30	52	5	0	0	0	0	0	57
15:45	63	8	1.5	2	3	0.3	0	77.8
H/TOT	240	35	4.5	6	6	0.9	0	292.4
16:00	65	7	1.5	0	3	0	0	76.5
16:15	66	11	3	0	6	0.3	0	86.3
16:30	66	9	1.5	0	0	0.3	0	76.8
16:45	71	9	0	0	3	0	0	83
H/TOT	268	36	6	0	12	0.6	0	322.6
17:00	69	9	1.5	0	0	0.3	0	79.8
17:15	77	7	1.5	0	3	0.3	0	88.8
17:30	68	4	0	0	3	0.3	0	75.3
17:45	77	6	0	0	3	0	0	86
H/TOT	291	26	3	0	9	0.9	0	329.9
18:00	57	7	0	0	0	0	0.2	64.2
18:15	56	3	0	0	3	0	0.2	62.2
18:30	58	2	0	0	0	0.3	0.2	60.5
18:45	34	5	0	0	0	0	0.6	39.6
H/TOT	205	17	0	0	3	0.3	1.2	226.5
19:00	49	2	0	2	3	0.3	0	56.3
19:15	42	4	0	0	0	0	0	46
19:30	27	4	0	0	0	0.3	0	31.3
19:45	25	2	0	0	0	0	0	27
H/TOT	143	12	0	2	3	0.6	0	160.6
P/TOT	2928	389	103.5	44	87	7.8	2	3561.3





14343 / ABERGELE  
JULY 2023  
PCU CONVERSION

SITE: 2

DATE: 12-07-2023

LOCATION: A547 Market Street / A548 Water Street

DAY: Wednesday

TIME	TO ARM A							TOT
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	
06:00	4	2	0	0	0	0	0.2	6.2
06:15	3	0	0	0	0	0	0	3
06:30	11	2	0	0	0	0	0	13
06:45	11	1	0	0	3	0	0.2	15.2
H/TOT	29	5	0	0	3	0	0.4	37.4
07:00	6	1	1.5	0	0	0	0	8.5
07:15	11	0	0	0	3	0	0	14
07:30	14	3	0	0	0	0	0	17
07:45	28	7	3	4	3	0	0	45
H/TOT	59	11	4.5	4	6	0	0	84.5
08:00	40	6	0	0	3	0	0	49
08:15	30	6	4.5	0	6	0	0	46.5
08:30	55	9	3	0	6	0	0.2	73.2
08:45	43	6	1.5	0	6	0	0	56.5
H/TOT	168	27	9	0	21	0	0.2	225.2
09:00	30	5	3	0	3	0	0	41
09:15	40	7	1.5	2	3	0	0.2	53.7
09:30	32	5	1.5	0	3	0	0.2	41.7
09:45	26	6	1.5	0	6	0	0	39.5
H/TOT	128	23	7.5	2	15	0	0.4	175.9
10:00	26	10	1.5	0	3	0	0	40.5
10:15	40	3	0	0	3	0	0	46
10:30	31	7	0	0	3	0	0	41
10:45	32	2	1.5	0	3	0	0.2	38.7
H/TOT	129	22	3	0	12	0	0.2	166.2
11:00	36	3	0	2	6	0	0.2	47.2
11:15	31	3	3	0	3	0	0	40
11:30	37	4	3	0	6	0	0	50
11:45	32	5	0	0	3	0.3	0	40.3
H/TOT	136	15	6	2	18	0.3	0.2	177.5
12:00	38	3	0	0	3	0	0.4	44.4
12:15	45	6	4.5	0	6	0.3	0	61.8
12:30	41	9	1.5	0	3	0	0	54.5
12:45	34	7	4.5	0	3	0.6	0	49.1
H/TOT	158	25	10.5	0	15	0.9	0.4	209.8
13:00	35	8	3	0	3	0.6	0	49.6
13:15	30	5	1.5	0	6	0	0	42.5
13:30	48	8	1.5	2	3	0	0	62.5
13:45	32	1	1.5	0	3	0	0.2	37.7
H/TOT	145	22	7.5	2	15	0.6	0.2	192.3
14:00	41	6	1.5	0	0	0.3	0	48.8
14:15	37	8	1.5	0	3	0	0	49.5
14:30	33	5	0	2	6	0	0	46
14:45	26	9	0	0	6	0.3	0	41.3
H/TOT	137	28	3	2	15	0.6	0	185.6
15:00	40	10	0	0	3	0.3	0	53.3
15:15	40	6	0	2	6	0	0	54
15:30	33	3	0	0	6	0	0	42
15:45	30	6	0	0	3	0.3	0	39.3
H/TOT	143	25	0	2	18	0.6	0	188.6
16:00	30	5	0	0	6	0.6	0	41.6
16:15	35	4	0	2	0	0	0	41
16:30	43	4	0	0	6	0	0	53
16:45	44	12	0	0	6	0	0.2	62.2
H/TOT	152	25	0	2	18	0.6	0.2	197.8
17:00	44	6	0	0	3	0	0.2	53.2
17:15	48	2	0	0	6	0.3	0.2	56.5
17:30	41	2	1.5	0	6	0	0	50.5
17:45	47	3	0	0	3	0	0	53
H/TOT	180	13	1.5	0	18	0.3	0.4	213.2
18:00	37	3	0	0	3	0.3	0	43.3
18:15	28	5	0	0	6	0	0.2	39.2
18:30	38	3	0	0	3	0	0	44
18:45	30	2	0	0	3	0	0	35
H/TOT	133	13	0	0	15	0.3	0.2	161.5
19:00	31	2	0	0	0	0.3	0.2	33.5
19:15	38	2	0	0	3	0	0	43
19:30	20	2	0	0	6	0.3	0	28.3
19:45	17	0	0	0	6	0.3	0	23.3
H/TOT	106	6	0	0	15	0.9	0.2	128.1
P/TOT	1803	260	52.5	16	204	5.1	3	2343.6





14343 / ABERGELE  
JULY 2023  
PCU CONVERSION

SITE: 2

DATE: 12-07-2023

LOCATION: A547 Market Street / A548 Water Street

DAY: Wednesday

TIME	FROM ARM A							TOT
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	
06:00	6	0	1.5	0	3	0	0	10.5
06:15	3	1	1.5	0	3	0	0	8.5
06:30	8	2	0	0	3	0	0	13
06:45	5	2	0	2	3	0	0	12
H/TOT	22	5	3	2	12	0	0	44
07:00	14	2	0	0	3	0	0	19
07:15	19	3	0	0	6	0	0	28
07:30	17	4	0	0	3	0	0	24
07:45	35	6	0	0	0	0	0.2	41.2
H/TOT	85	15	0	0	12	0	0.2	112.2
08:00	40	10	3	0	3	0	0.2	56.2
08:15	43	7	3	0	12	0	0	65
08:30	47	9	6	0	6	0	0	68
08:45	53	10	1.5	0	6	0.3	0	70.8
H/TOT	183	36	13.5	0	27	0.3	0.2	260
09:00	43	12	1.5	0	6	0	0	62.5
09:15	33	12	6	0	15	0	0.2	66.2
09:30	33	7	1.5	0	3	0	0	44.5
09:45	37	9	6	0	6	0	0	58
H/TOT	146	40	15	0	30	0	0.2	231.2
10:00	34	6	0	4	6	0	0	50
10:15	44	3	1.5	0	12	0	0	60.5
10:30	50	8	0	2	6	0	0	66
10:45	40	6	1.5	0	3	0	0	50.5
H/TOT	168	23	3	6	27	0	0	227
11:00	42	9	1.5	0	3	0	0	55.5
11:15	46	1	4.5	0	3	0	0.2	54.7
11:30	43	7	0	0	9	0	0	59
11:45	40	3	0	0	3	0.3	0	46.3
H/TOT	171	20	6	0	18	0.3	0.2	215.5
12:00	59	6	1.5	0	6	0	0	72.5
12:15	35	6	3	0	0	0	0	44
12:30	38	8	1.5	2	6	0.3	0.2	56
12:45	19	8	3	2	6	0	0	38
H/TOT	151	28	9	4	18	0.3	0.2	210.5
13:00	31	5	0	0	3	0.3	0	39.3
13:15	38	7	0	0	3	0	0	48
13:30	51	5	0	4	0	0	0	60
13:45	40	11	3	0	0	0	0	54
H/TOT	160	28	3	4	6	0.3	0	201.3
14:00	41	4	0	0	3	0	0	48
14:15	56	9	3	0	3	0	0	71
14:30	39	6	0	0	6	0	0	51
14:45	37	6	1.5	0	6	0	0	50.5
H/TOT	173	25	4.5	0	18	0	0	220.5
15:00	45	10	1.5	2	6	0.3	0.2	65
15:15	62	3	1.5	0	6	0.3	0	72.8
15:30	52	6	0	0	3	0.3	0.2	61.5
15:45	60	5	0	2	6	0.6	0	73.6
H/TOT	219	24	3	4	21	1.5	0.4	272.9
16:00	51	5	1.5	0	6	0	0	63.5
16:15	49	8	0	0	3	0	0	60
16:30	42	7	0	0	6	0	0	55
16:45	56	4	0	0	3	0.3	0	63.3
H/TOT	198	24	1.5	0	18	0.3	0	241.8
17:00	58	7	0	0	6	0	0	71
17:15	42	13	1.5	0	0	0.3	0	56.8
17:30	51	3	0	0	6	0	0	60
17:45	44	4	0	0	3	0	0	51
H/TOT	195	27	1.5	0	15	0.3	0	238.8
18:00	41	3	0	0	3	0	0	47
18:15	40	1	0	0	3	0	0.2	44.2
18:30	38	5	0	0	0	0.3	0	43.3
18:45	52	1	0	0	3	0	0	56
H/TOT	171	10	0	0	9	0.3	0.2	190.5
19:00	28	3	0	0	0	0.6	0.2	31.8
19:15	26	0	0	0	3	0	0	29
19:30	32	0	0	0	0	0.3	0	32.3
19:45	26	1	0	0	3	0	0	30
H/TOT	112	4	0	0	6	0.9	0.2	123.1
P/TOT	2154	309	63	20	237	4.5	1.8	2789.3





14343 / ABERGELE  
JULY 2023  
PCU CONVERSION

SITE: 2

DATE: 12-07-2023

LOCATION: A547 Market Street / A548 Water Street

DAY: Wednesday

TIME	TO ARM B							TOT
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	
06:00	19	4	0	0	0	0	0	23
06:15	20	2	0	0	0	0.3	0	22.3
06:30	35	7	0	2	0	0	0	44
06:45	34	3	0	2	3	0.6	0	42.6
H/TOT	108	16	0	4	3	0.9	0	131.9
07:00	40	11	4.5	0	0	0	0	55.5
07:15	41	12	0	0	3	0.3	0	56.3
07:30	79	10	1.5	0	0	0.3	0	90.8
07:45	74	19	0	0	0	0.3	0.4	93.7
H/TOT	234	52	6	0	3	0.9	0.4	296.3
08:00	80	11	4.5	4	3	0	0.2	102.7
08:15	82	8	6	0	9	0	0	105
08:30	91	6	7.5	0	3	0	0	107.5
08:45	73	9	3	0	3	0.3	0	88.3
H/TOT	326	34	21	4	18	0.3	0.2	403.5
09:00	48	11	7.5	0	9	0	0	75.5
09:15	54	8	3	0	3	0.3	0	68.3
09:30	62	13	10.5	2	0	0	0	87.5
09:45	53	10	4.5	0	0	0	0	67.5
H/TOT	217	42	25.5	2	12	0.3	0	298.8
10:00	46	11	4.5	6	6	0	0	73.5
10:15	53	13	3	4	3	0	0.2	76.2
10:30	50	8	3	4	0	0	0	65
10:45	61	7	0	0	3	0	0	71
H/TOT	210	39	10.5	14	12	0	0.2	285.7
11:00	50	8	0	6	6	0	0	70
11:15	59	5	4.5	0	3	0	0	71.5
11:30	54	10	1.5	0	3	0	0.2	68.7
11:45	60	10	1.5	0	0	0	0	71.5
H/TOT	223	33	7.5	6	12	0	0.2	281.7
12:00	68	10	3	0	0	0	0	81
12:15	82	4	7.5	2	0	0	0	95.5
12:30	67	10	6	0	3	0.6	0	86.6
12:45	59	10	3	4	0	0.3	0	76.3
H/TOT	276	34	19.5	6	3	0.9	0	339.4
13:00	71	9	4.5	0	0	0	0.2	84.7
13:15	61	7	1.5	0	3	0.3	0	72.8
13:30	63	9	1.5	2	0	0.3	0	75.8
13:45	66	8	4.5	0	3	0	0	81.5
H/TOT	261	33	12	2	6	0.6	0.2	314.8
14:00	72	9	3	4	3	0.3	0	91.3
14:15	66	8	0	4	0	0	0	78
14:30	67	13	3	0	6	0	0	89
14:45	76	10	3	0	0	0.6	0	89.6
H/TOT	281	40	9	8	9	0.9	0	347.9
15:00	81	20	4.5	2	6	0	0	113.5
15:15	78	11	1.5	4	0	0.6	0	95.1
15:30	69	6	0	0	0	0	0	75
15:45	74	9	1.5	4	3	0.6	0	92.1
H/TOT	302	46	7.5	10	9	1.2	0	375.7
16:00	77	10	3	0	6	0	0	96
16:15	81	12	3	0	6	0.3	0	102.3
16:30	76	11	1.5	0	0	0.3	0	88.8
16:45	89	9	0	0	3	0	0	101
H/TOT	323	42	7.5	0	15	0.6	0	388.1
17:00	80	13	1.5	0	0	0.3	0	94.8
17:15	83	9	1.5	0	3	0.3	0	96.8
17:30	76	5	0	0	3	0.3	0	84.3
17:45	87	7	0	0	3	0	0	97
H/TOT	326	34	3	0	9	0.9	0	372.9
18:00	64	8	0	0	0	0	0.2	72.2
18:15	68	3	0	0	3	0	0.2	74.2
18:30	66	5	0	0	0	0.3	0.2	71.5
18:45	46	6	0	0	0	0	0.6	52.6
H/TOT	244	22	0	0	3	0.3	1.2	270.5
19:00	57	3	0	2	3	0.3	0	65.3
19:15	47	4	0	0	0	0	0	51
19:30	32	4	0	0	0	0.3	0	36.3
19:45	32	3	0	0	0	0	0	35
H/TOT	168	14	0	2	3	0.6	0	187.6
P/TOT	3499	481	129	58	117	8.4	2.4	4294.8





14343 / ABERGELE  
JULY 2023  
PCU CONVERSION

SITE: 2

DATE: 12-07-2023

LOCATION: A547 Market Street / A548 Water Street

DAY: Wednesday

TIME	FROM ARM B							TOT
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	
06:00	7	3	0	0	0	0	0.2	10.2
06:15	5	3	1.5	0	0	0	0	9.5
06:30	11	3	3	0	0	0.3	0	17.3
06:45	21	2	1.5	0	0	0	0	24.5
H/TOT	44	11	6	0	0	0.3	0.2	61.5
07:00	16	7	4.5	2	0	0	0	29.5
07:15	23	3	3	4	0	0.3	0	33.3
07:30	24	7	3	0	3	0	0	37
07:45	63	14	6	6	3	0	0	92
H/TOT	126	31	16.5	12	6	0.3	0	191.8
08:00	57	10	3	0	6	0	0	76
08:15	54	9	6	0	3	0	0	72
08:30	61	10	6	0	9	0	0.2	86.2
08:45	78	12	1.5	0	12	0	0	103.5
H/TOT	250	41	16.5	0	30	0	0.2	337.7
09:00	63	15	3	2	0	0	0.2	83.2
09:15	43	11	9	4	0	0.3	0	67.3
09:30	38	11	1.5	2	3	0	0.2	55.7
09:45	44	9	0	0	3	0	0	56
H/TOT	188	46	13.5	8	6	0.3	0.4	262.2
10:00	39	8	3	0	3	0	0	53
10:15	64	8	7.5	0	3	0	0	82.5
10:30	74	8	3	0	0	0	0	85
10:45	61	10	3	0	0	0.3	0	74.3
H/TOT	238	34	16.5	0	6	0.3	0	294.8
11:00	56	16	3	2	3	0	0.2	80.2
11:15	65	6	0	2	0	0	0	73
11:30	52	11	6	4	0	0.3	0	73.3
11:45	57	9	4.5	2	0	0	0	72.5
H/TOT	230	42	13.5	10	3	0.3	0.2	299
12:00	51	6	4.5	2	3	0	0.4	66.9
12:15	63	6	4.5	0	0	0	0	73.5
12:30	60	3	0	2	0	0	0.2	65.2
12:45	70	14	1.5	0	3	0.3	0	88.8
H/TOT	244	29	10.5	4	6	0.3	0.6	294.4
13:00	68	7	3	2	0	0.3	0	80.3
13:15	57	7	3	0	0	0.3	0	67.3
13:30	62	9	3	0	3	0	0	77
13:45	58	10	3	2	0	0.9	0	73.9
H/TOT	245	33	12	4	3	1.5	0	298.5
14:00	61	10	3	2	0	0	0	76
14:15	66	7	3	0	3	0	0	79
14:30	63	9	0	2	3	0	0	77
14:45	57	11	1.5	2	0	0	0	71.5
H/TOT	247	37	7.5	6	6	0	0	303.5
15:00	63	8	0	0	0	0.3	0	71.3
15:15	64	9	1.5	2	6	0	0	82.5
15:30	72	7	4.5	0	3	0.3	0	86.8
15:45	59	2	0	0	3	0	0	64
H/TOT	258	26	6	2	12	0.6	0	304.6
16:00	63	14	0	0	0	0.3	0	77.3
16:15	81	6	0	2	3	0	0	92
16:30	53	6	0	0	3	0.6	0	62.6
16:45	74	10	0	0	0	0.3	0.2	84.5
H/TOT	271	36	0	2	6	1.2	0.2	316.4
17:00	99	14	0	0	3	0.3	0.2	116.5
17:15	89	7	0	0	0	0.3	0	96.3
17:30	81	5	1.5	0	3	0.3	0	90.8
17:45	89	7	1.5	0	3	0.3	0	100.8
H/TOT	358	33	3	0	9	1.2	0.2	404.4
18:00	80	6	0	0	0	0	0	86
18:15	87	5	0	0	0	0	0	92
18:30	66	7	0	2	3	0.3	0	78.3
18:45	62	7	1.5	0	0	0	0	70.5
H/TOT	295	25	1.5	2	3	0.3	0	326.8
19:00	69	5	0	0	0	0.3	0	74.3
19:15	56	6	0	0	0	0	0	62
19:30	53	1	0	0	3	0.3	0	57.3
19:45	41	4	0	0	3	0.3	0	48.3
H/TOT	219	16	0	0	6	0.9	0	241.9
P/TOT	3213	440	123	50	102	7.5	2	3937.5





14343 / ABERGELE  
JULY 2023  
PCU CONVERSION

SITE: 2

DATE: 12-07-2023

LOCATION: A547 Market Street / A548 Water Street

DAY: Wednesday

TIME	TO ARM C							TOT
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	
06:00	9	3	1.5	0	3	0	0	16.5
06:15	6	4	3	0	3	0	0	16
06:30	12	4	3	0	3	0.3	0	22.3
06:45	22	4	1.5	0	3	0	0	30.5
H/TOT	49	15	9	0	12	0.3	0	85.3
07:00	25	8	3	2	3	0	0	41
07:15	36	4	3	4	6	0.3	0	53.3
07:30	32	8	3	0	6	0	0	49
07:45	80	12	3	2	3	0	0	100
H/TOT	173	32	12	8	18	0.3	0	243.3
08:00	70	10	6	0	9	0	0	95
08:15	80	13	4.5	0	6	0	0	103.5
08:30	82	12	6	0	9	0	0.2	109.2
08:45	104	18	0	0	15	0.3	0	137.3
H/TOT	336	53	16.5	0	39	0.3	0.2	445
09:00	93	25	1.5	2	0	0	0.2	121.7
09:15	58	15	12	2	12	0.3	0.2	99.5
09:30	50	14	1.5	2	6	0	0	73.5
09:45	68	10	4.5	0	9	0	0	91.5
H/TOT	269	64	19.5	6	27	0.3	0.4	386.2
10:00	64	9	1.5	0	6	0	0	80.5
10:15	88	9	9	0	12	0	0	118
10:30	108	11	3	0	6	0	0	128
10:45	81	15	3	0	3	0.3	0	102.3
H/TOT	341	44	16.5	0	27	0.3	0	428.8
11:00	78	20	4.5	0	6	0	0	108.5
11:15	93	6	3	2	3	0	0.2	107.2
11:30	76	13	6	4	9	0.3	0	108.3
11:45	84	12	4.5	2	3	0.3	0	105.8
H/TOT	331	51	18	8	21	0.6	0.2	429.8
12:00	87	9	6	2	9	0	0	113
12:15	71	9	0	0	0	0	0	80
12:30	70	8	0	4	6	0	0.4	88.4
12:45	72	19	3	0	9	0	0	103
H/TOT	300	45	9	6	24	0	0.4	384.4
13:00	76	8	0	2	3	0.6	0	89.6
13:15	80	9	3	0	3	0.3	0	95.3
13:30	85	13	3	4	3	0	0	108
13:45	79	18	3	2	0	0.9	0	102.9
H/TOT	320	48	9	8	9	1.8	0	395.8
14:00	70	11	3	2	3	0	0	89
14:15	95	13	6	0	6	0	0	120
14:30	72	13	0	0	9	0	0	94
14:45	76	10	1.5	2	6	0	0	95.5
H/TOT	313	47	10.5	4	24	0	0	398.5
15:00	83	6	0	0	3	0.6	0.2	92.8
15:15	101	10	1.5	0	9	0.3	0	121.8
15:30	96	10	4.5	0	6	0.6	0.2	117.3
15:45	106	6	0	0	9	0.3	0	121.3
H/TOT	386	32	6	0	27	1.8	0.4	453.2
16:00	94	13	0	0	3	0	0	110
16:15	108	13	0	0	6	0	0	127
16:30	75	11	0	0	9	0.6	0	95.6
16:45	104	13	0	0	3	0.6	0	120.6
H/TOT	381	50	0	0	21	1.2	0	453.2
17:00	136	16	0	0	9	0.3	0	161.3
17:15	114	17	1.5	0	0	0.6	0	133.1
17:30	117	7	0	0	6	0.3	0	130.3
17:45	110	9	1.5	0	6	0.3	0	126.8
H/TOT	477	49	3	0	21	1.5	0	551.5
18:00	100	7	0	0	3	0	0	110
18:15	105	4	0	0	3	0	0.2	112.2
18:30	80	8	0	2	3	0.6	0	93.6
18:45	95	6	1.5	0	3	0	0	105.5
H/TOT	380	25	1.5	2	12	0.6	0.2	421.3
19:00	81	5	0	0	0	0.6	0.2	86.8
19:15	68	6	0	0	3	0	0	77
19:30	76	1	0	0	3	0.3	0	80.3
19:45	53	4	0	0	3	0.3	0	60.3
H/TOT	278	16	0	0	9	1.2	0.2	304.4
P/TOT	4334	571	130.5	42	291	10.2	2	5380.7





14343 / ABERGELE  
JULY 2023  
PCU CONVERSION

SITE: 2

DATE: 12-07-2023

LOCATION: A547 Market Street / A548 Water Street

DAY: Wednesday

TIME	FROM ARM C							TOT
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	
06:00	19	6	0	0	0	0	0	25
06:15	21	2	0	0	0	0.3	0	23.3
06:30	39	8	0	2	0	0	0	49
06:45	41	4	0	0	6	0.6	0.2	51.8
H/TOT	120	20	0	2	6	0.9	0.2	149.1
07:00	41	11	4.5	0	0	0	0	56.5
07:15	46	10	0	0	6	0.3	0	62.3
07:30	84	10	1.5	0	0	0.3	0	95.8
07:45	84	18	0	0	3	0.3	0.2	105.5
H/TOT	255	49	6	0	9	0.9	0.2	320.1
08:00	93	7	4.5	4	6	0	0	114.5
08:15	95	11	6	0	6	0	0	118
08:30	120	8	4.5	0	3	0	0.2	135.7
08:45	89	11	1.5	0	6	0.3	0	107.8
H/TOT	397	37	16.5	4	21	0.3	0.2	476
09:00	65	14	7.5	0	6	0	0	92.5
09:15	76	7	1.5	0	3	0.3	0.2	88
09:30	73	14	10.5	2	3	0	0	102.5
09:45	66	8	4.5	0	6	0	0	84.5
H/TOT	280	43	24	2	18	0.3	0.2	367.5
10:00	63	16	4.5	2	6	0	0	91.5
10:15	73	14	3	4	3	0	0.2	97.2
10:30	65	10	3	2	3	0	0	83
10:45	73	8	0	0	6	0	0.2	87.2
H/TOT	274	48	10.5	8	18	0	0.4	358.9
11:00	66	6	0	6	12	0	0	90
11:15	72	7	6	0	6	0	0	91
11:30	72	9	4.5	0	9	0	0.2	94.7
11:45	79	15	1.5	0	3	0.3	0	98.8
H/TOT	289	37	12	6	30	0.3	0.2	374.5
12:00	83	10	3	0	3	0	0	99
12:15	100	7	4.5	2	6	0.3	0	119.8
12:30	80	16	6	0	6	0.3	0	108.3
12:45	76	14	6	2	3	0.6	0	101.6
H/TOT	339	47	19.5	4	18	1.2	0	428.7
13:00	83	13	4.5	0	3	0.6	0.2	104.3
13:15	76	7	3	0	9	0.3	0	95.3
13:30	83	16	3	4	3	0.3	0	109.3
13:45	79	6	3	0	6	0	0.2	94.2
H/TOT	321	42	13.5	4	21	1.2	0.4	403.1
14:00	81	12	4.5	4	3	0.6	0	105.1
14:15	76	13	1.5	4	3	0	0	97.5
14:30	70	16	3	0	12	0	0	101
14:45	84	12	1.5	0	6	0.9	0	104.4
H/TOT	311	53	10.5	8	24	1.5	0	408
15:00	96	18	3	0	6	0.3	0	123.3
15:15	93	15	0	4	3	0.6	0	115.6
15:30	74	6	0	0	6	0	0	86
15:45	91	14	1.5	2	6	0.6	0	115.1
H/TOT	354	53	4.5	6	21	1.5	0	440
16:00	87	9	1.5	0	9	0.3	0	106.8
16:15	94	15	3	0	6	0.3	0	118.3
16:30	99	13	1.5	0	6	0.3	0	119.8
16:45	107	20	0	0	9	0	0	136
H/TOT	387	57	6	0	30	0.9	0	480.9
17:00	103	14	1.5	0	3	0.3	0	121.8
17:15	114	8	1.5	0	9	0.6	0.2	133.3
17:30	102	6	0	0	6	0.3	0	114.3
17:45	111	8	0	0	6	0	0	125
H/TOT	430	36	3	0	24	1.2	0.2	494.4
18:00	80	9	0	0	3	0.3	0.2	92.5
18:15	74	6	0	0	9	0	0.4	89.4
18:30	80	4	0	0	3	0.3	0.2	87.5
18:45	57	6	0	0	3	0	0.6	66.6
H/TOT	291	25	0	0	18	0.6	1.4	336
19:00	72	2	0	2	3	0.3	0.2	79.5
19:15	71	6	0	0	3	0	0	80
19:30	43	6	0	0	6	0.3	0	55.3
19:45	35	2	0	0	3	0.3	0	40.3
H/TOT	221	16	0	2	15	0.9	0.2	255.1
P/TOT	4269	563	126	46	273	11.7	3.6	5292.3





14343 / ABERGELE  
JULY 2023  
PCU CONVERSION

SITE: 2

DATE: 12-07-2023

LOCATION: A547 Market Street / A548 Water Street

DAY: Wednesday

TIME	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
06:00	32	9	1.5	0	3	0	0.2	45.7
06:15	29	6	3	0	3	0.3	0	41.3
06:30	58	13	3	2	3	0.3	0	79.3
06:45	67	8	1.5	2	9	0.6	0.2	88.3
H/TOT	186	36	9	4	18	1.2	0.4	254.6
07:00	71	20	9	2	3	0	0	105
07:15	88	16	3	4	12	0.6	0	123.6
07:30	125	21	4.5	0	6	0.3	0	156.8
07:45	182	38	6	6	6	0.3	0.4	238.7
H/TOT	466	95	22.5	12	27	1.2	0.4	624.1
08:00	190	27	10.5	4	15	0	0.2	246.7
08:15	192	27	15	0	21	0	0	255
08:30	228	27	16.5	0	18	0	0.4	289.9
08:45	220	33	4.5	0	24	0.6	0	282.1
H/TOT	830	114	46.5	4	78	0.6	0.6	1074
09:00	171	41	12	2	12	0	0.2	238.2
09:15	152	30	16.5	4	18	0.6	0.4	221.5
09:30	144	32	13.5	4	9	0	0.2	202.7
09:45	147	26	10.5	0	15	0	0	198.5
H/TOT	614	129	52.5	10	54	0.6	0.8	860.9
10:00	136	30	7.5	6	15	0	0	194.5
10:15	181	25	12	4	18	0	0.2	240.2
10:30	189	26	6	4	9	0	0	234
10:45	174	24	4.5	0	9	0.3	0.2	212
H/TOT	680	105	30	14	51	0.3	0.4	880.7
11:00	164	31	4.5	8	18	0	0.2	225.7
11:15	183	14	10.5	2	9	0	0.2	218.7
11:30	167	27	10.5	4	18	0.3	0.2	227
11:45	176	27	6	2	6	0.6	0	217.6
H/TOT	690	99	31.5	16	51	0.9	0.6	889
12:00	193	22	9	2	12	0	0.4	238.4
12:15	198	19	12	2	6	0.3	0	237.3
12:30	178	27	7.5	4	12	0.6	0.4	229.5
12:45	165	36	10.5	4	12	0.9	0	228.4
H/TOT	734	104	39	12	42	1.8	0.8	933.6
13:00	182	25	7.5	2	6	1.2	0.2	223.9
13:15	171	21	6	0	12	0.6	0	210.6
13:30	196	30	6	8	6	0.3	0	246.3
13:45	177	27	9	2	6	0.9	0.2	222.1
H/TOT	726	103	28.5	12	30	3	0.4	902.9
14:00	183	26	7.5	6	6	0.6	0	229.1
14:15	198	29	7.5	4	9	0	0	247.5
14:30	172	31	3	2	21	0	0	229
14:45	178	29	4.5	2	12	0.9	0	226.4
H/TOT	731	115	22.5	14	48	1.5	0	932
15:00	204	36	4.5	2	12	0.9	0.2	259.6
15:15	219	27	3	6	15	0.9	0	270.9
15:30	198	19	4.5	0	12	0.6	0.2	234.3
15:45	210	21	1.5	4	15	1.2	0	252.7
H/TOT	831	103	13.5	12	54	3.6	0.4	1018
16:00	201	28	3	0	15	0.6	0	247.6
16:15	224	29	3	2	12	0.3	0	270.3
16:30	194	26	1.5	0	15	0.9	0	237.4
16:45	237	34	0	0	12	0.6	0.2	283.8
H/TOT	856	117	7.5	2	54	2.4	0.2	1039
17:00	260	35	1.5	0	12	0.6	0.2	309.3
17:15	245	28	3	0	9	1.2	0.2	286.4
17:30	234	14	1.5	0	15	0.6	0	265.1
17:45	244	19	1.5	0	12	0.3	0	276.8
H/TOT	983	96	7.5	0	48	2.7	0.4	1138
18:00	201	18	0	0	6	0.3	0.2	225.5
18:15	201	12	0	0	12	0	0.6	225.6
18:30	184	16	0	2	6	0.9	0.2	209.1
18:45	171	14	1.5	0	6	0	0.6	193.1
H/TOT	757	60	1.5	2	30	1.2	1.6	853.3
19:00	169	10	0	2	3	1.2	0.4	185.6
19:15	153	12	0	0	6	0	0	171
19:30	128	7	0	0	9	0.9	0	144.9
19:45	102	7	0	0	9	0.6	0	118.6
H/TOT	552	36	0	2	27	2.7	0.4	620.1
P/TOT	9636	1312	312	116	612	23.7	7.4	12019

PEAK HOUR CALCULATION	TOT
06:00 to 07:00	254.6
06:15 to 07:15	313.9
06:30 to 07:30	396.2
06:45 to 07:45	473.7
07:00 to 08:00	624.1
07:15 to 08:15	765.8
07:30 to 08:30	897.2
07:45 to 08:45	1030.3
08:00 to 09:00	1073.7
08:15 to 09:15	1065.2
08:30 to 09:30	1031.7
08:45 to 09:45	944.5
09:00 to 10:00	860.9
09:15 to 10:15	817.2
09:30 to 10:30	835.9
09:45 to 10:45	867.2
A.M. Peak	1073.7
10:00 to 11:00	880.7
10:15 to 11:15	911.9
10:30 to 11:30	890.4
10:45 to 11:45	883.4
11:00 to 12:00	889
11:15 to 12:15	901.7
11:30 to 12:30	920.3
11:45 to 12:45	922.8
12:00 to 13:00	933.6
12:15 to 13:15	919.1
12:30 to 13:30	892.4
12:45 to 13:45	909.2
13:00 to 14:00	902.9
13:15 to 14:15	908.1
13:30 to 14:30	945
13:45 to 14:45	927.7
14:00 to 15:00	932
14:15 to 15:15	962.5
14:30 to 15:30	985.9
14:45 to 15:45	991.2
15:00 to 16:00	1017.5
15:15 to 16:15	1005.5
15:30 to 16:30	1004.9
15:45 to 16:45	1008
Inter Peak	1017.5
16:00 to 17:00	1039.1
16:15 to 17:15	1100.8
16:30 to 17:30	1116.9
16:45 to 17:45	1144.6
17:00 to 18:00	1137.6
17:15 to 18:15	1053.8
17:30 to 18:30	993
17:45 to 18:45	937
18:00 to 19:00	853.3
18:15 to 19:15	813.4
18:30 to 19:30	758.8
18:45 to 19:45	694.6
19:00 to 20:00	620.1
P.M. Peak	1144.6



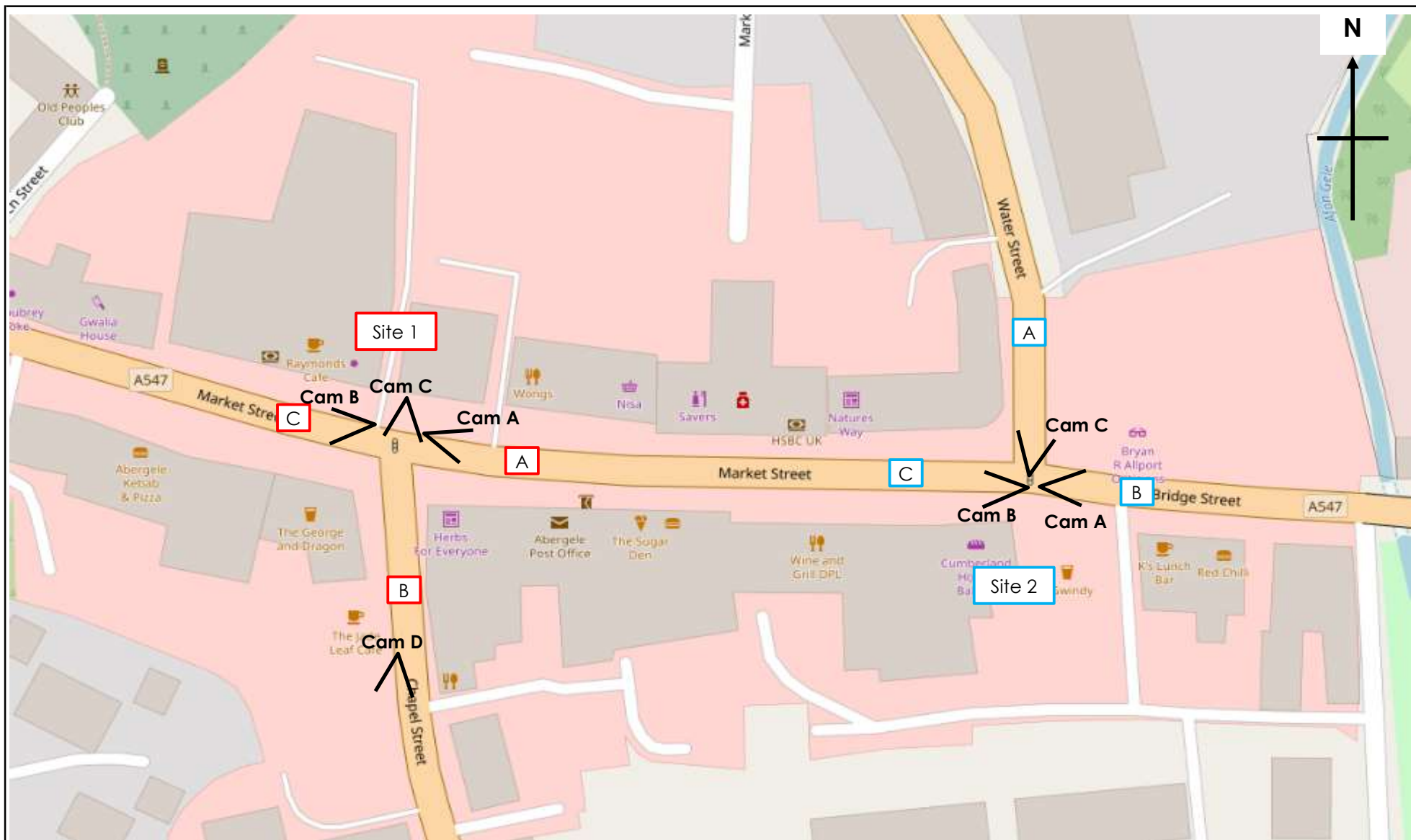
**PCU values used in conversion**


CAR	LGV	OGV1	OGV2	PSV	MCL	PCL
1	1	1.5	2	3	0.3	0.2

**Notes**

Altering the figures in the above table will re-calculate the PCU conversion sheets.






	<b>Site / Location:</b> Site 1, A547 Market Street / A548 Chapel Street & Site 2, A547 Market Street / A548 Water Street	<b>Project No:</b> 14343	<b>Drawing No:</b> 14343-01	<b>Drawn By:</b> MN
	<b>Survey Date:</b> Wednesday 12th July & Wednesday 9th August 2023	<b>Project Name:</b> Abergele		
	<b>Survey Times:</b> 06:00 to 20:00	<b>Drawing Title:</b> Site Layout and Observed Movements		






	<b>Site / Location:</b> Site A, Zebra Crossing: A547 Market Street, south of Tesco	<b>Project No:</b> 14343	<b>Drawing No:</b> 14343-02	<b>Drawn By:</b> MN
	<b>Survey Date:</b> Wednesday 12th July & Wednesday 9th August 2023	<b>Project Name:</b> Abergele		
	<b>Survey Times:</b> 06:00 to 20:00	<b>Drawing Title:</b> Site Layout and Observed Movements		





	<b>Site / Location:</b> Site B, Zebra Crossing: A547 Rhuddlan Road, north of Top Wok Abergele	<b>Project No:</b> 14343	<b>Drawing No:</b> 14343-03	<b>Drawn By:</b> MN
	<b>Survey Date:</b> Wednesday 12th July & Wednesday 9th August 2023	<b>Project Name:</b> Abergele		
	<b>Survey Times:</b> 06:00 to 20:00	<b>Drawing Title:</b> Site Layout and Observed Movements		







Site 2 to Site 1

	To Arm C									From Arm A									DIFFERENCE								
TIME	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT			
06:00	9	1	1	0	1	1	0	13	9	2	1	0	1	1	0	14	0	1	0	0	0	0	0	0	1		
06:15	9	2	1	0	1	0	0	13	10	2	1	0	1	0	0	14	1	0	0	0	0	0	0	1			
06:30	7	4	3	0	1	1	0	16	8	4	3	0	1	1	0	17	1	0	0	0	0	0	0	1			
06:45	26	5	1	2	1	0	1	36	28	5	1	2	1	0	1	38	2	0	0	0	0	0	0	2			
H/TOT	51	12	6	2	4	2	1	78	55	13	6	2	4	2	1	83	4	1	0	0	0	0	0	5			
07:00	25	4	3	0	2	1	0	35	22	3	3	0	2	0	0	30	-3	-1	0	0	0	-1	0	-5			
07:15	28	4	1	0	1	0	0	34	31	5	1	0	1	1	0	39	3	1	0	0	0	1	0	5			
07:30	48	16	3	0	2	0	0	69	47	16	3	0	2	0	0	68	-1	0	0	0	0	0	0	-1			
07:45	79	16	6	1	1	0	0	103	77	14	6	1	1	0	0	99	-2	-2	0	0	0	0	0	-4			
H/TOT	180	40	13	1	6	1	0	241	177	38	13	1	6	1	0	236	-3	-2	0	0	0	0	0	-5			
08:00	76	13	1	1	1	0	1	93	75	15	1	1	1	0	1	94	-1	2	0	0	0	0	0	1			
08:15	83	17	1	0	2	0	0	103	85	17	1	0	2	0	0	105	2	0	0	0	0	0	0	2			
08:30	72	22	3	1	3	0	0	101	70	21	3	1	3	0	0	98	-2	-1	0	0	0	0	0	-3			
08:45	101	27	4	0	2	0	0	134	101	28	4	0	2	0	0	135	0	1	0	0	0	0	0	1			
H/TOT	332	79	9	2	8	0	1	431	331	81	9	2	8	0	1	432	-1	2	0	0	0	0	0	1			
09:00	83	19	1	2	1	2	0	108	89	19	1	2	1	2	0	114	6	0	0	0	0	0	0	6			
09:15	66	16	2	2	2	2	0	90	63	15	2	2	2	2	0	86	-3	-1	0	0	0	0	0	-4			
09:30	76	18	3	0	2	0	1	100	71	20	3	0	2	0	1	97	-5	2	0	0	0	0	0	-3			
09:45	87	9	2	1	1	1	3	104	92	9	2	1	1	1	3	109	5	0	0	0	0	0	0	5			
H/TOT	312	62	8	5	6	5	4	402	315	63	8	5	6	5	4	406	3	1	0	0	0	0	0	4			
10:00	81	12	1	0	1	1	1	97	78	11	1	0	1	1	1	93	-3	-1	0	0	0	0	0	-4			
10:15	88	16	5	0	4	1	0	114	90	15	5	0	4	1	0	115	2	-1	0	0	0	0	0	1			
10:30	102	9	1	0	1	0	0	113	100	7	1	0	1	0	0	109	-2	-2	0	0	0	0	0	-4			
10:45	97	6	0	1	3	1	0	108	94	7	0	1	3	1	0	106	-3	1	0	0	0	0	0	-2			
H/TOT	368	43	7	1	9	3	1	432	362	40	7	1	9	3	1	423	-6	-3	0	0	0	0	0	-9			
11:00	86	14	2	2	0	1	0	105	90	11	2	2	0	1	0	106	4	-3	0	0	0	0	0	1			
11:15	103	15	4	1	3	2	0	128	100	13	4	1	3	2	0	123	-3	-2	0	0	0	0	0	-5			
11:30	94	18	2	1	2	1	0	118	97	21	2	1	2	0	0	123	3	3	0	0	0	-1	0	5			
11:45	77	13	2	0	1	1	0	94	79	13	2	0	1	2	0	97	2	0	0	0	0	1	0	3			
H/TOT	360	60	10	4	6	5	0	445	366	58	10	4	6	5	0	449	6	-2	0	0	0	0	0	4			
12:00	88	19	1	3	4	1	0	116	86	18	1	2	4	1	0	112	-2	-1	0	-1	0	0	0	-4			
12:15	116	8	0	0	1	1	0	126	113	8	0	1	1	1	0	124	-3	0	0	1	0	0	0	-2			
12:30	103	12	1	0	2	1	0	119	104	12	1	0	1	1	0	119	1	0	0	0	-1	0	0	0			
12:45	89	13	1	1	1	2	0	107	89	11	1	1	2	2	0	106	0	-2	0	0	1	0	0	-1			
H/TOT	396	52	3	4	8	5	0	468	392	49	3	4	8	5	0	461	-4	-3	0	0	0	0	0	-7			
13:00	93	16	1	0	3	4	0	117	91	16	1	0	3	4	0	115	-2	0	0	0	0	0	0	-2			
13:15	85	9	3	3	2	1	0	103	81	8	3	3	2	1	0	98	-4	-1	0	0	0	0	0	-5			
13:30	83	10	2	1	0	1	2	99	87	9	2	1	0	1	2	102	4	-1	0	0	0	0	0	3			
13:45	91	9	0	0	3	0	0	103	90	11	0	0	2	0	0	103	-1	2	0	0	-1	0	0	0			
H/TOT	352	44	6	4	8	6	2	422	349	44	6	4	7	6	2	418	-3	0	0	0	-1	0	0	-4			
14:00	98	4	1	3	2	1	0	109	102	3	1	3	3	0	0	112	4	-1	0	0	1	-1	0	3			
14:15	83	14	1	1	0	2	0	101	81	15	1	1	0	3	0	101	-2	1	0	0	0	1	0	0			
14:30	85	10	2	1	3	0	0	101	83	11	2	1	3	0	0	100	-2	1	0	0	0	0	0	-1			
14:45	84	9	1	0	4	2	0	100	83	11	1	0	4	2	0	101	-1	2	0	0	0	0	0	1			
H/TOT	350	37	5	5	9	5	0	411	349	40	5	5	10	5	0	414	-1	3	0	0	1	0	0	3			
15:00	98	7	2	1	1	2	1	112	101	8	2	1	1	2	0	115	3	1	0	0	0	0	-1	3			
15:15	102	13	2	0	2	3	2	124	100	14	2	0	2	3	2	123	-2	1	0	0	0	0	0	-1			
15:30	92	10	1	1	2	3	0	109	89	10	1	1	2	3	0	106	-3	0	0	0	0	0	0	-3			
15:45	104	15	2	1	0	2	0	124	103	16	1	1	0	2	0	123	-1	1	-1	0	0	0	0	-1			
H/TOT	396	45	7	3	5	10	3	469	393	48	6	3	5	10	2	467	-3	3	-1	0	0	0	-1	-2			
16:00	83	10	0	0	1	5	0	99	82	10	0	0	1	5	1	99	-1	0	0	0	0	0	1	0			
16:15	104	14	0	0	3	0	0	121	102	13	0	0	3	0	0	118	-2	-1	0	0	0	0	0	-3			
16:30	106	10	0	0	2	2	0	120	106	12	1	0	2	2	0	123	0	2	1	0	0	0	0	3			
16:45	94	16	0	1	0	1	0	112	96	13	0	1	0	1	0	111	2	-3	0	0	0	0	0	-1			
H/TOT	387	50	0	1	6	8	0	452	386	48	1	1	6	8	1	451	-1	-2	1	0	0	0	1	-1			
17:00	110	12	0	1	1	0	0	124	109	12	0	1	1	0	0	123	-1	0	0	0	0	0	0	-1			
17:15	119	6	1	1	4	0	0	131	116	7	1	1	4	0	0	129	-3	1	0	0	0						





14343 / ABERGELE  
AUGUST 2023  
CLASSIFIED TURNING COUNT

SITE: 1

DATE: 09/08/2023

LOCATION: A547 Market Street / A548 Chapel Street

DAY: Wednesday

TIME	CAR	LGV	OGV1	A to B OGV2	PSV	MCL	PCL	TOT
06:00	3	2	0	0	0	1	0	6
06:15	3	1	1	0	0	0	0	5
06:30	4	2	1	0	0	0	0	7
06:45	10	2	0	1	0	0	0	13
H/TOT	20	7	2	1	0	1	0	31
07:00	15	0	0	0	0	0	0	15
07:15	21	5	0	0	0	0	0	26
07:30	29	7	2	0	0	0	0	38
07:45	39	8	3	1	0	0	0	51
H/TOT	104	20	5	1	0	0	0	130
08:00	40	6	0	1	0	0	0	47
08:15	55	7	1	0	0	0	0	63
08:30	37	15	1	1	0	0	0	54
08:45	49	16	1	0	0	0	0	66
H/TOT	181	44	3	2	0	0	0	230
09:00	41	15	1	1	0	0	0	58
09:15	23	9	0	2	0	2	0	36
09:30	33	13	1	0	0	0	0	47
09:45	45	4	2	1	0	0	0	52
H/TOT	142	41	4	4	0	2	0	193
10:00	27	4	0	0	0	0	0	31
10:15	37	6	4	0	1	0	0	48
10:30	32	5	1	0	0	0	0	38
10:45	34	4	0	1	0	0	0	39
H/TOT	130	19	5	1	1	0	0	156
11:00	30	6	1	2	0	1	0	40
11:15	33	8	2	1	0	0	0	44
11:30	41	12	1	1	0	0	0	55
11:45	33	5	1	0	0	1	0	40
H/TOT	137	31	5	4	0	2	0	179
12:00	23	7	1	2	1	0	0	34
12:15	40	3	0	1	0	1	0	45
12:30	45	6	0	0	0	0	0	51
12:45	32	6	0	1	0	1	0	40
H/TOT	140	22	1	4	1	2	0	170
13:00	31	8	1	0	0	0	0	40
13:15	32	4	1	1	0	0	0	38
13:30	33	5	1	1	0	0	1	41
13:45	36	8	0	0	0	0	0	44
H/TOT	132	25	3	2	0	0	1	163
14:00	41	3	0	3	0	0	0	47
14:15	32	6	1	1	0	0	0	40
14:30	32	3	1	1	0	0	0	37
14:45	36	8	1	0	1	2	0	48
H/TOT	141	20	3	5	1	2	0	172
15:00	40	2	1	1	0	1	0	45
15:15	40	4	1	0	0	0	1	46
15:30	39	4	0	1	0	3	0	47
15:45	38	6	1	1	0	0	0	46
H/TOT	157	16	3	3	0	4	1	184
16:00	36	6	0	0	0	3	1	46
16:15	34	6	0	0	0	0	0	40
16:30	47	7	1	0	0	0	0	55
16:45	40	8	0	1	0	0	0	49
H/TOT	157	27	1	1	0	3	1	190
17:00	55	8	0	1	0	0	0	64
17:15	49	6	0	1	0	0	0	56
17:30	64	7	0	0	0	3	1	75
17:45	45	5	0	0	0	9	0	59
H/TOT	213	26	0	2	0	12	1	254
18:00	38	2	0	0	0	1	0	41
18:15	38	4	0	0	0	1	0	43
18:30	40	2	1	1	0	0	0	44
18:45	34	2	0	0	0	1	0	37
H/TOT	150	10	1	1	0	3	0	165
19:00	36	2	0	0	0	0	0	38
19:15	41	3	0	0	0	0	0	44
19:30	32	4	0	0	0	1	0	37
19:45	31	0	0	0	0	0	0	31
H/TOT	140	9	0	0	0	1	0	150
P/TOT	1944	317	36	31	3	32	4	2367





14343 / ABERGELE  
AUGUST 2023  
CLASSIFIED TURNING COUNT

SITE: 1

DATE: 09/08/2023

LOCATION: A547 Market Street / A548 Chapel Street

DAY: Wednesday

TIME	CAR	LGV	OGV1	A to C OGV2	PSV	MCL	PCL	TOT
06:00	6	0	1	0	1	0	0	8
06:15	7	1	0	0	1	0	0	9
06:30	4	2	2	0	1	1	0	10
06:45	18	3	1	1	1	0	1	25
H/TOT	35	6	4	1	4	1	1	52
07:00	7	3	3	0	2	0	0	15
07:15	10	0	1	0	1	1	0	13
07:30	18	9	1	0	2	0	0	30
07:45	38	6	3	0	1	0	0	48
H/TOT	73	18	8	0	6	1	0	106
08:00	35	9	1	0	1	0	1	47
08:15	30	10	0	0	2	0	0	42
08:30	33	6	2	0	3	0	0	44
08:45	52	12	3	0	2	0	0	69
H/TOT	150	37	6	0	8	0	1	202
09:00	48	4	0	1	1	2	0	56
09:15	40	6	2	0	2	0	0	50
09:30	38	7	2	0	2	0	1	50
09:45	47	5	0	0	1	1	3	57
H/TOT	173	22	4	1	6	3	4	213
10:00	51	7	1	0	1	1	1	62
10:15	53	9	1	0	3	1	0	67
10:30	68	2	0	0	1	0	0	71
10:45	60	3	0	0	3	1	0	67
H/TOT	232	21	2	0	8	3	1	267
11:00	60	5	1	0	0	0	0	66
11:15	67	5	2	0	3	2	0	79
11:30	56	9	1	0	2	0	0	68
11:45	46	8	1	0	1	1	0	57
H/TOT	229	27	5	0	6	3	0	270
12:00	63	11	0	0	3	1	0	78
12:15	73	5	0	0	1	0	0	79
12:30	59	6	1	0	1	1	0	68
12:45	57	5	1	0	2	1	0	66
H/TOT	252	27	2	0	7	3	0	291
13:00	60	8	0	0	3	4	0	75
13:15	49	4	2	2	2	1	0	60
13:30	54	4	1	0	0	1	1	61
13:45	54	3	0	0	2	0	0	59
H/TOT	217	19	3	2	7	6	1	255
14:00	61	0	1	0	3	0	0	65
14:15	49	9	0	0	0	3	0	61
14:30	51	8	1	0	3	0	0	63
14:45	47	3	0	0	3	0	0	53
H/TOT	208	20	2	0	9	3	0	242
15:00	61	6	1	0	1	1	0	70
15:15	60	10	1	0	2	3	1	77
15:30	50	6	1	0	2	0	0	59
15:45	65	10	0	0	0	2	0	77
H/TOT	236	32	3	0	5	6	1	283
16:00	46	4	0	0	1	2	0	53
16:15	68	7	0	0	3	0	0	78
16:30	59	5	0	0	2	2	0	68
16:45	56	5	0	0	0	1	0	62
H/TOT	229	21	0	0	6	5	0	261
17:00	54	4	0	0	1	0	0	59
17:15	67	1	1	0	4	0	0	73
17:30	56	3	0	0	0	0	0	59
17:45	57	5	0	1	2	3	0	68
H/TOT	234	13	1	1	7	3	0	259
18:00	65	7	0	0	2	0	0	74
18:15	56	5	0	0	0	1	0	62
18:30	51	2	0	0	2	3	0	58
18:45	42	1	0	0	0	0	0	43
H/TOT	214	15	0	0	4	4	0	237
19:00	60	4	0	0	1	2	0	67
19:15	38	0	0	0	1	0	0	39
19:30	41	2	0	0	1	1	0	45
19:45	27	1	0	0	1	0	2	31
H/TOT	166	7	0	0	4	3	2	182
P/TOT	2648	285	40	5	87	44	11	3120





14343 / ABERGELE  
AUGUST 2023  
CLASSIFIED TURNING COUNT

SITE: 1

DATE: 09/08/2023

LOCATION: A547 Market Street / A548 Chapel Street

DAY: Wednesday

TIME	CAR	LGV	OGV1	B to C OGV2	PSV	MCL	PCL	TOT
06:00	0	0	0	0	0	0	0	0
06:15	1	0	0	0	0	0	0	1
06:30	1	0	0	0	0	0	0	1
06:45	1	0	0	0	0	0	0	1
H/TOT	3	0	0	0	0	0	0	3
07:00	2	0	0	0	0	0	0	2
07:15	4	1	0	0	0	0	0	5
07:30	4	1	0	0	0	0	0	5
07:45	7	0	0	0	0	1	0	8
H/TOT	17	2	0	0	0	1	0	20
08:00	5	1	0	0	0	0	0	6
08:15	6	0	0	0	1	0	0	7
08:30	15	1	1	0	0	0	1	18
08:45	11	1	1	0	0	0	0	13
H/TOT	37	3	2	0	1	0	1	44
09:00	12	2	0	1	0	0	0	15
09:15	6	0	0	0	0	0	0	6
09:30	8	0	0	0	0	0	0	8
09:45	11	4	1	0	1	0	0	17
H/TOT	37	6	1	1	1	0	0	46
10:00	14	0	0	0	0	0	0	14
10:15	11	1	1	0	0	0	0	13
10:30	13	0	0	0	1	0	0	14
10:45	18	3	1	0	0	0	0	22
H/TOT	56	4	2	0	1	0	0	63
11:00	20	1	0	0	1	0	0	22
11:15	10	2	1	0	0	0	0	13
11:30	10	1	1	0	0	1	0	13
11:45	12	1	1	0	0	0	0	14
H/TOT	52	5	3	0	1	1	0	62
12:00	14	1	0	0	1	0	0	16
12:15	16	3	0	0	1	0	0	20
12:30	9	1	0	1	0	0	0	11
12:45	9	1	0	0	0	0	0	10
H/TOT	48	6	0	1	2	0	0	57
13:00	17	2	0	0	0	0	0	19
13:15	16	0	0	0	0	0	0	16
13:30	6	1	0	0	0	0	0	7
13:45	12	1	1	0	0	0	0	14
H/TOT	51	4	1	0	0	0	0	56
14:00	10	3	0	0	0	0	0	13
14:15	11	0	0	0	0	0	0	11
14:30	15	3	0	1	1	0	0	20
14:45	12	1	1	0	0	0	0	14
H/TOT	48	7	1	1	1	0	0	58
15:00	18	3	1	0	1	0	0	23
15:15	7	2	0	1	0	0	0	10
15:30	10	2	0	0	0	0	0	12
15:45	16	1	0	0	0	0	0	17
H/TOT	51	8	1	1	1	0	0	62
16:00	11	3	0	0	0	0	0	14
16:15	16	1	0	1	0	0	0	18
16:30	5	2	0	0	0	0	0	7
16:45	8	2	0	0	1	0	0	11
H/TOT	40	8	0	1	1	0	0	50
17:00	12	2	0	1	1	0	0	16
17:15	10	1	0	0	0	0	0	11
17:30	14	1	0	0	0	0	0	15
17:45	22	1	0	0	0	0	0	23
H/TOT	58	5	0	1	1	0	0	65
18:00	15	0	0	0	0	0	0	15
18:15	9	0	0	1	0	0	0	10
18:30	6	1	1	1	0	0	0	9
18:45	16	2	0	0	0	0	0	18
H/TOT	46	3	1	2	0	0	0	52
19:00	11	1	0	0	0	0	0	12
19:15	9	0	0	0	0	0	0	9
19:30	9	0	0	0	0	0	0	9
19:45	7	0	0	0	0	0	1	8
H/TOT	36	1	0	0	0	0	1	38
P/TOT	580	62	12	8	10	2	2	676





14343 / ABERGELE  
AUGUST 2023  
CLASSIFIED TURNING COUNT

SITE: 1

DATE: 09/08/2023

LOCATION: A547 Market Street / A548 Chapel Street

DAY: Wednesday

TIME	CAR	LGV	OGV1	B to A OGV2	PSV	MCL	PCL	TOT
06:00	11	0	0	0	0	0	0	11
06:15	9	3	0	0	0	0	0	12
06:30	16	6	0	0	0	0	0	22
06:45	13	5	1	0	0	0	0	19
H/TOT	49	14	1	0	0	0	0	64
07:00	23	4	0	0	0	0	1	28
07:15	23	6	1	0	0	0	1	31
07:30	34	5	0	0	0	0	0	39
07:45	41	10	0	0	0	0	0	51
H/TOT	121	25	1	0	0	0	2	149
08:00	49	10	1	1	0	0	1	62
08:15	28	3	1	2	0	0	0	34
08:30	48	2	1	2	0	0	0	53
08:45	35	6	2	0	0	0	0	43
H/TOT	160	21	5	5	0	0	1	192
09:00	40	7	0	1	0	0	0	48
09:15	40	6	1	0	0	0	1	48
09:30	44	6	2	0	0	0	0	52
09:45	41	5	0	0	0	0	0	46
H/TOT	165	24	3	1	0	0	1	194
10:00	41	9	2	1	0	0	0	53
10:15	32	4	3	1	0	0	0	40
10:30	42	1	0	1	0	0	0	44
10:45	25	9	2	0	0	0	0	36
H/TOT	140	23	7	3	0	0	0	173
11:00	43	7	0	1	0	0	0	51
11:15	44	8	0	1	0	0	0	53
11:30	41	7	2	1	0	0	0	51
11:45	40	5	1	1	0	0	0	47
H/TOT	168	27	3	4	0	0	0	202
12:00	38	5	1	0	0	0	0	44
12:15	40	8	2	1	0	0	0	51
12:30	33	6	1	1	0	0	0	41
12:45	34	6	0	1	0	2	0	43
H/TOT	145	25	4	3	0	2	0	179
13:00	26	8	0	1	0	0	1	36
13:15	43	3	0	0	0	0	0	46
13:30	30	3	0	1	0	0	0	34
13:45	32	7	0	2	0	1	0	42
H/TOT	131	21	0	4	0	1	1	158
14:00	35	6	1	0	0	0	0	42
14:15	41	10	2	0	0	0	1	54
14:30	31	6	0	1	1	1	1	41
14:45	35	6	0	0	0	2	0	43
H/TOT	142	28	3	1	1	3	2	180
15:00	37	9	0	1	0	0	0	47
15:15	31	6	3	2	0	2	0	44
15:30	39	9	2	0	0	3	0	53
15:45	31	3	1	0	0	0	0	35
H/TOT	138	27	6	3	0	5	0	179
16:00	47	4	0	1	0	0	0	52
16:15	31	7	2	1	0	0	0	41
16:30	43	7	0	0	0	0	0	50
16:45	48	4	1	1	0	5	0	59
H/TOT	169	22	3	3	0	5	0	202
17:00	53	5	1	0	0	1	1	61
17:15	55	4	0	0	0	0	0	59
17:30	55	4	0	0	0	0	1	60
17:45	33	5	0	0	0	0	0	38
H/TOT	196	18	1	0	0	1	2	218
18:00	48	6	0	1	0	0	0	55
18:15	39	3	0	0	0	0	0	42
18:30	21	1	0	0	0	1	0	23
18:45	26	4	0	0	0	0	0	30
H/TOT	134	14	0	1	0	1	0	150
19:00	33	2	0	1	0	0	0	36
19:15	41	4	0	0	0	0	1	46
19:30	23	4	0	0	0	0	0	27
19:45	27	0	0	0	0	0	0	27
H/TOT	124	10	0	1	0	0	1	136
P/TOT	1982	299	37	29	1	18	10	2376





14343 / ABERGELE  
AUGUST 2023  
CLASSIFIED TURNING COUNT

SITE: 1

DATE: 09/08/2023

LOCATION: A547 Market Street / A548 Chapel Street

DAY: Wednesday

TIME	CAR	LGV	OGV1	C to A OGV2	PSV	MCL	PCL	TOT
06:00	9	1	1	0	0	0	0	11
06:15	12	1	0	1	0	0	0	14
06:30	15	4	1	0	1	2	1	24
06:45	14	2	0	0	2	0	0	18
H/TOT	50	8	2	1	3	2	1	67
07:00	25	3	0	0	1	0	0	29
07:15	19	6	0	0	2	1	0	28
07:30	32	8	0	0	0	0	0	40
07:45	38	9	2	0	1	1	0	51
H/TOT	114	26	2	0	4	2	0	148
08:00	46	10	0	0	2	2	1	61
08:15	37	12	1	0	1	0	0	51
08:30	35	5	1	0	1	0	0	42
08:45	40	12	1	0	1	0	0	54
H/TOT	158	39	3	0	5	2	1	208
09:00	37	4	1	2	2	0	0	46
09:15	45	7	1	1	1	0	0	55
09:30	43	6	2	1	2	1	0	55
09:45	48	4	2	0	2	0	0	56
H/TOT	173	21	6	4	7	1	0	212
10:00	41	8	1	0	2	1	0	53
10:15	52	4	2	0	2	1	0	61
10:30	45	3	2	0	1	1	0	52
10:45	26	4	1	0	2	0	0	33
H/TOT	164	19	6	0	7	3	0	199
11:00	43	6	1	0	2	0	1	53
11:15	57	4	1	0	1	0	0	63
11:30	39	6	2	0	2	0	0	49
11:45	55	9	0	0	2	0	1	67
H/TOT	194	25	4	0	7	0	2	232
12:00	56	8	0	0	2	1	0	67
12:15	44	4	2	0	0	1	0	51
12:30	50	4	0	2	3	0	1	60
12:45	58	6	0	0	1	0	0	65
H/TOT	208	22	2	2	6	2	1	243
13:00	55	9	2	0	3	3	0	72
13:15	46	4	1	0	4	0	0	55
13:30	64	3	1	0	1	1	0	70
13:45	60	4	1	0	1	3	0	69
H/TOT	225	20	5	0	9	7	0	266
14:00	55	3	0	0	1	0	0	59
14:15	57	10	0	0	3	0	0	70
14:30	48	1	0	0	0	2	1	52
14:45	64	4	1	0	0	1	1	71
H/TOT	224	18	1	0	4	3	2	252
15:00	55	4	1	0	3	0	0	63
15:15	49	3	0	0	1	0	0	53
15:30	57	2	0	0	2	0	0	61
15:45	59	5	1	0	1	0	0	66
H/TOT	220	14	2	0	7	0	0	243
16:00	51	3	2	0	2	0	0	58
16:15	51	6	0	0	3	5	0	65
16:30	56	1	0	0	1	2	0	60
16:45	49	5	0	0	2	4	0	60
H/TOT	207	15	2	0	8	11	0	243
17:00	63	5	0	0	3	1	0	72
17:15	68	4	1	0	3	1	0	77
17:30	47	5	0	0	2	1	0	55
17:45	68	3	0	0	1	3	0	75
H/TOT	246	17	1	0	9	6	0	279
18:00	57	5	1	0	1	3	1	68
18:15	45	6	0	0	3	2	0	56
18:30	44	2	0	0	2	0	1	49
18:45	39	7	0	0	1	0	0	47
H/TOT	185	20	1	0	7	5	2	220
19:00	60	3	0	0	1	4	0	68
19:15	43	6	0	0	2	0	0	51
19:30	30	3	0	0	0	1	0	34
19:45	36	1	0	0	2	1	1	41
H/TOT	169	13	0	0	5	6	1	194
P/TOT	1355	173	19	2	68	33	12	1662





14343 / ABERGELE  
AUGUST 2023  
CLASSIFIED TURNING COUNT

SITE: 1

DATE: 09/08/2023

LOCATION: A547 Market Street / A548 Chapel Street

DAY: Wednesday

TIME	CAR	LGV	OGV1	C to B OGV2	PSV	MCL	PCL	TOT
06:00	0	0	0	0	0	0	0	0
06:15	0	0	0	0	0	0	0	0
06:30	2	0	0	0	0	0	0	2
06:45	3	0	0	0	0	0	0	3
H/TOT	5	0	0	0	0	0	0	5
07:00	0	0	0	0	0	0	0	0
07:15	5	0	0	0	0	0	0	5
07:30	3	2	0	0	0	0	0	5
07:45	10	0	0	0	0	0	0	10
H/TOT	18	2	0	0	0	0	0	20
08:00	6	0	0	0	0	0	0	6
08:15	7	2	1	0	0	0	0	10
08:30	6	0	1	0	1	0	0	8
08:45	6	0	0	2	0	0	0	8
H/TOT	25	2	2	2	1	0	0	32
09:00	6	0	0	0	1	1	0	8
09:15	10	3	0	0	0	0	0	13
09:30	7	3	0	1	0	0	0	11
09:45	7	1	0	0	0	0	0	8
H/TOT	30	7	0	1	1	1	0	40
10:00	7	1	0	0	0	0	0	8
10:15	10	1	1	0	0	1	0	13
10:30	13	3	0	0	0	0	0	16
10:45	8	1	0	0	0	0	0	9
H/TOT	38	6	1	0	0	1	0	46
11:00	7	2	1	0	0	0	0	10
11:15	8	0	0	0	0	0	0	8
11:30	9	2	0	0	0	0	0	11
11:45	7	0	0	1	0	0	0	8
H/TOT	31	4	1	1	0	0	0	37
12:00	5	1	0	0	0	0	0	6
12:15	7	2	1	0	0	0	0	10
12:30	8	0	0	0	0	0	0	8
12:45	6	2	2	0	0	0	0	10
H/TOT	26	5	3	0	0	0	0	34
13:00	4	1	0	0	0	0	0	5
13:15	9	1	0	0	0	1	0	11
13:30	7	1	1	1	0	0	0	10
13:45	6	1	0	0	0	0	0	7
H/TOT	26	4	1	1	0	1	0	33
14:00	8	0	0	1	0	0	0	9
14:15	4	1	0	1	0	0	0	6
14:30	16	1	0	0	0	0	0	17
14:45	9	0	0	0	0	1	0	10
H/TOT	37	2	0	2	0	1	0	42
15:00	12	1	1	0	0	0	0	14
15:15	16	0	0	0	0	0	0	16
15:30	7	2	0	1	0	0	0	10
15:45	8	1	0	0	0	2	0	11
H/TOT	43	4	1	1	0	2	0	51
16:00	8	1	2	0	0	0	0	11
16:15	13	0	0	0	0	1	0	14
16:30	12	0	0	1	0	0	3	16
16:45	13	2	0	0	0	0	3	18
H/TOT	46	3	2	1	0	1	6	59
17:00	11	0	0	0	0	0	0	11
17:15	12	3	0	0	0	0	0	15
17:30	16	3	0	0	0	0	0	19
17:45	12	0	0	2	0	0	0	14
H/TOT	51	6	0	2	0	0	0	59
18:00	12	0	0	0	0	0	0	12
18:15	7	1	0	1	0	0	2	11
18:30	18	4	0	0	0	1	0	23
18:45	6	2	0	0	0	0	0	8
H/TOT	43	7	0	1	0	1	2	54
19:00	6	0	0	0	0	0	0	6
19:15	14	3	0	0	0	0	1	18
19:30	7	2	0	1	0	0	0	10
19:45	6	1	0	1	0	0	0	8
H/TOT	33	6	0	2	0	0	1	42
P/TOT	3065	400	55	35	21	35	8	554





14343 / ABERGELE  
AUGUST 2023  
CLASSIFIED TURNING COUNT

SITE: 1

DATE: 09/08/2023

LOCATION: A547 Market Street / A548 Chapel Street

DAY: Wednesday

TIME	TO ARM A							TOT
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	
06:00	20	1	1	0	0	0	0	22
06:15	21	4	0	1	0	0	0	26
06:30	31	10	1	0	1	2	1	46
06:45	27	7	1	0	2	0	0	37
H/TOT	99	22	3	1	3	2	1	131
07:00	48	7	0	0	1	0	1	57
07:15	42	12	1	0	2	1	1	59
07:30	66	13	0	0	0	0	0	79
07:45	79	19	2	0	1	1	0	102
H/TOT	235	51	3	0	4	2	2	297
08:00	95	20	1	1	2	2	2	123
08:15	65	15	2	2	1	0	0	85
08:30	83	7	2	2	1	0	0	95
08:45	75	18	3	0	1	0	0	97
H/TOT	318	60	8	5	5	2	2	400
09:00	77	11	1	3	2	0	0	94
09:15	85	13	2	1	1	0	1	103
09:30	87	12	4	1	2	1	0	107
09:45	89	9	2	0	2	0	0	102
H/TOT	338	45	9	5	7	1	1	406
10:00	82	17	3	1	2	1	0	106
10:15	84	8	5	1	2	1	0	101
10:30	87	4	2	1	1	1	0	96
10:45	51	13	3	0	2	0	0	69
H/TOT	304	42	13	3	7	3	0	372
11:00	86	13	1	1	2	0	1	104
11:15	101	12	1	1	1	0	0	116
11:30	80	13	4	1	2	0	0	100
11:45	95	14	1	1	2	0	1	114
H/TOT	362	52	7	4	7	0	2	434
12:00	94	13	1	0	2	1	0	111
12:15	84	12	4	1	0	1	0	102
12:30	83	10	1	3	3	0	1	101
12:45	92	12	0	1	1	2	0	108
H/TOT	353	47	6	5	6	4	1	422
13:00	81	17	2	1	3	3	1	108
13:15	89	7	1	0	4	0	0	101
13:30	94	6	1	1	1	1	0	104
13:45	92	11	1	2	1	4	0	111
H/TOT	356	41	5	4	9	8	1	424
14:00	90	9	1	0	1	0	0	101
14:15	98	20	2	0	3	0	1	124
14:30	79	7	0	1	1	3	2	93
14:45	99	10	1	0	0	3	1	114
H/TOT	366	46	4	1	5	6	4	432
15:00	92	13	1	1	3	0	0	110
15:15	80	9	3	2	1	2	0	97
15:30	96	11	2	0	2	3	0	114
15:45	90	8	2	0	1	0	0	101
H/TOT	358	41	8	3	7	5	0	422
16:00	98	7	2	1	2	0	0	110
16:15	82	13	2	1	3	5	0	106
16:30	99	8	0	0	1	2	0	110
16:45	97	9	1	1	2	9	0	119
H/TOT	376	37	5	3	8	16	0	445
17:00	116	10	1	0	3	2	1	133
17:15	123	8	1	0	3	1	0	136
17:30	102	9	0	0	2	1	1	115
17:45	101	8	0	0	1	3	0	113
H/TOT	442	35	2	0	9	7	2	497
18:00	105	11	1	1	1	3	1	123
18:15	84	9	0	0	3	2	0	98
18:30	65	3	0	0	2	1	1	72
18:45	65	11	0	0	1	0	0	77
H/TOT	319	34	1	1	7	6	2	370
19:00	93	5	0	1	1	4	0	104
19:15	84	10	0	0	2	0	1	97
19:30	53	7	0	0	0	1	0	61
19:45	63	1	0	0	2	1	1	68
H/TOT	293	23	0	1	5	6	2	330
P/TOT	4519	576	74	36	89	68	20	5382





14343 / ABERGELE  
AUGUST 2023  
CLASSIFIED TURNING COUNT

SITE: 1

DATE: 09/08/2023

LOCATION: A547 Market Street / A548 Chapel Street

DAY: Wednesday

TIME	FROM ARM A							TOT
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	
06:00	9	2	1	0	1	1	0	14
06:15	10	2	1	0	1	0	0	14
06:30	8	4	3	0	1	1	0	17
06:45	28	5	1	2	1	0	1	38
H/TOT	55	13	6	2	4	2	1	83
07:00	22	3	3	0	2	0	0	30
07:15	31	5	1	0	1	1	0	39
07:30	47	16	3	0	2	0	0	68
07:45	77	14	6	1	1	0	0	99
H/TOT	177	38	13	1	6	1	0	236
08:00	75	15	1	1	1	0	1	94
08:15	85	17	1	0	2	0	0	105
08:30	70	21	3	1	3	0	0	98
08:45	101	28	4	0	2	0	0	135
H/TOT	331	81	9	2	8	0	1	432
09:00	89	19	1	2	1	2	0	114
09:15	63	15	2	2	2	2	0	86
09:30	71	20	3	0	2	0	1	97
09:45	92	9	2	1	1	1	3	109
H/TOT	315	63	8	5	6	5	4	406
10:00	78	11	1	0	1	1	1	93
10:15	90	15	5	0	4	1	0	115
10:30	100	7	1	0	1	0	0	109
10:45	94	7	0	1	3	1	0	106
H/TOT	362	40	7	1	9	3	1	423
11:00	90	11	2	2	0	1	0	106
11:15	100	13	4	1	3	2	0	123
11:30	97	21	2	1	2	0	0	123
11:45	79	13	2	0	1	2	0	97
H/TOT	366	58	10	4	6	5	0	449
12:00	86	18	1	2	4	1	0	112
12:15	113	8	0	1	1	1	0	124
12:30	104	12	1	0	1	1	0	119
12:45	89	11	1	1	2	2	0	106
H/TOT	392	49	3	4	8	5	0	461
13:00	91	16	1	0	3	4	0	115
13:15	81	8	3	3	2	1	0	98
13:30	87	9	2	1	0	1	2	102
13:45	90	11	0	0	2	0	0	103
H/TOT	349	44	6	4	7	6	2	418
14:00	102	3	1	3	3	0	0	112
14:15	81	15	1	1	0	3	0	101
14:30	83	11	2	1	3	0	0	100
14:45	83	11	1	0	4	2	0	101
H/TOT	349	40	5	5	10	5	0	414
15:00	101	8	2	1	1	2	0	115
15:15	100	14	2	0	2	3	2	123
15:30	89	10	1	1	2	3	0	106
15:45	103	16	1	1	0	2	0	123
H/TOT	393	48	6	3	5	10	2	467
16:00	82	10	0	0	1	5	1	99
16:15	102	13	0	0	3	0	0	118
16:30	106	12	1	0	2	2	0	123
16:45	96	13	0	1	0	1	0	111
H/TOT	386	48	1	1	6	8	1	451
17:00	109	12	0	1	1	0	0	123
17:15	116	7	1	1	4	0	0	129
17:30	120	10	0	0	0	3	1	134
17:45	102	10	0	1	2	12	0	127
H/TOT	447	39	1	3	7	15	1	513
18:00	103	9	0	0	2	1	0	115
18:15	94	9	0	0	0	2	0	105
18:30	91	4	1	1	2	3	0	102
18:45	76	3	0	0	0	1	0	80
H/TOT	364	25	1	1	4	7	0	402
19:00	96	6	0	0	1	2	0	105
19:15	79	3	0	0	1	0	0	83
19:30	73	6	0	0	1	2	0	82
19:45	58	1	0	0	1	0	2	62
H/TOT	306	16	0	0	4	4	2	332
P/TOT	4592	602	76	36	90	76	15	5487





14343 / ABERGELE  
AUGUST 2023  
CLASSIFIED TURNING COUNT

SITE: 1

DATE: 09/08/2023

LOCATION: A547 Market Street / A548 Chapel Street

DAY: Wednesday

TIME	TO ARM B							TOT
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	
06:00	3	2	0	0	0	1	0	6
06:15	3	1	1	0	0	0	0	5
06:30	6	2	1	0	0	0	0	9
06:45	13	2	0	1	0	0	0	16
H/TOT	25	7	2	1	0	1	0	36
07:00	15	0	0	0	0	0	0	15
07:15	26	5	0	0	0	0	0	31
07:30	32	9	2	0	0	0	0	43
07:45	49	8	3	1	0	0	0	61
H/TOT	122	22	5	1	0	0	0	150
08:00	46	6	0	1	0	0	0	53
08:15	62	9	2	0	0	0	0	73
08:30	43	15	2	1	1	0	0	62
08:45	55	16	1	2	0	0	0	74
H/TOT	206	46	5	4	1	0	0	262
09:00	47	15	1	1	1	1	0	66
09:15	33	12	0	2	0	2	0	49
09:30	40	16	1	1	0	0	0	58
09:45	52	5	2	1	0	0	0	60
H/TOT	172	48	4	5	1	3	0	233
10:00	34	5	0	0	0	0	0	39
10:15	47	7	5	0	1	1	0	61
10:30	45	8	1	0	0	0	0	54
10:45	42	5	0	1	0	0	0	48
H/TOT	168	25	6	1	1	1	0	202
11:00	37	8	2	2	0	1	0	50
11:15	41	8	2	1	0	0	0	52
11:30	50	14	1	1	0	0	0	66
11:45	40	5	1	1	0	1	0	48
H/TOT	168	35	6	5	0	2	0	216
12:00	28	8	1	2	1	0	0	40
12:15	47	5	1	1	0	1	0	55
12:30	53	6	0	0	0	0	0	59
12:45	38	8	2	1	0	1	0	50
H/TOT	166	27	4	4	1	2	0	204
13:00	35	9	1	0	0	0	0	45
13:15	41	5	1	1	0	1	0	49
13:30	40	6	2	2	0	0	1	51
13:45	42	9	0	0	0	0	0	51
H/TOT	158	29	4	3	0	1	1	196
14:00	49	3	0	4	0	0	0	56
14:15	36	7	1	2	0	0	0	46
14:30	48	4	1	1	0	0	0	54
14:45	45	8	1	0	1	3	0	58
H/TOT	178	22	3	7	1	3	0	214
15:00	52	3	2	1	0	1	0	59
15:15	56	4	1	0	0	0	1	62
15:30	46	6	0	2	0	3	0	57
15:45	46	7	1	1	0	2	0	57
H/TOT	200	20	4	4	0	6	1	235
16:00	44	7	2	0	0	3	1	57
16:15	47	6	0	0	0	1	0	54
16:30	59	7	1	1	0	0	3	71
16:45	53	10	0	1	0	0	3	67
H/TOT	203	30	3	2	0	4	7	249
17:00	66	8	0	1	0	0	0	75
17:15	61	9	0	1	0	0	0	71
17:30	80	10	0	0	0	3	1	94
17:45	57	5	0	2	0	9	0	73
H/TOT	264	32	0	4	0	12	1	313
18:00	50	2	0	0	0	1	0	53
18:15	45	5	0	1	0	1	2	54
18:30	58	6	1	1	0	1	0	67
18:45	40	4	0	0	0	1	0	45
H/TOT	193	17	1	2	0	4	2	219
19:00	42	2	0	0	0	0	0	44
19:15	55	6	0	0	0	0	1	62
19:30	39	6	0	1	0	1	0	47
19:45	37	1	0	1	0	0	0	39
H/TOT	173	15	0	2	0	1	1	192
P/TOT	2396	375	47	45	5	40	13	2921





14343 / ABERGELE  
AUGUST 2023  
CLASSIFIED TURNING COUNT

SITE: 1

DATE: 09/08/2023

LOCATION: A547 Market Street / A548 Chapel Street

DAY: Wednesday

TIME	FROM ARM B							TOT
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	
06:00	11	0	0	0	0	0	0	11
06:15	10	3	0	0	0	0	0	13
06:30	17	6	0	0	0	0	0	23
06:45	14	5	1	0	0	0	0	20
H/TOT	52	14	1	0	0	0	0	67
07:00	25	4	0	0	0	0	1	30
07:15	27	7	1	0	0	0	1	36
07:30	38	6	0	0	0	0	0	44
07:45	48	10	0	0	0	1	0	59
H/TOT	138	27	1	0	0	1	2	169
08:00	54	11	1	1	0	0	1	68
08:15	34	3	1	2	1	0	0	41
08:30	63	3	2	2	0	0	1	71
08:45	46	7	3	0	0	0	0	56
H/TOT	197	24	7	5	1	0	2	236
09:00	52	9	0	2	0	0	0	63
09:15	46	6	1	0	0	0	1	54
09:30	52	6	2	0	0	0	0	60
09:45	52	9	1	0	1	0	0	63
H/TOT	202	30	4	2	1	0	1	240
10:00	55	9	2	1	0	0	0	67
10:15	43	5	4	1	0	0	0	53
10:30	55	1	0	1	1	0	0	58
10:45	43	12	3	0	0	0	0	58
H/TOT	196	27	9	3	1	0	0	236
11:00	63	8	0	1	1	0	0	73
11:15	54	10	1	1	0	0	0	66
11:30	51	8	3	1	0	1	0	64
11:45	52	6	2	1	0	0	0	61
H/TOT	220	32	6	4	1	1	0	264
12:00	52	6	1	0	1	0	0	60
12:15	56	11	2	1	1	0	0	71
12:30	42	7	1	2	0	0	0	52
12:45	43	7	0	1	0	2	0	53
H/TOT	193	31	4	4	2	2	0	236
13:00	43	10	0	1	0	0	1	55
13:15	59	3	0	0	0	0	0	62
13:30	36	4	0	1	0	0	0	41
13:45	44	8	1	2	0	1	0	56
H/TOT	182	25	1	4	0	1	1	214
14:00	45	9	1	0	0	0	0	55
14:15	52	10	2	0	0	0	1	65
14:30	46	9	0	2	2	1	1	61
14:45	47	7	1	0	0	2	0	57
H/TOT	190	35	4	2	2	3	2	238
15:00	55	12	1	1	1	0	0	70
15:15	38	8	3	3	0	2	0	54
15:30	49	11	2	0	0	3	0	65
15:45	47	4	1	0	0	0	0	52
H/TOT	189	35	7	4	1	5	0	241
16:00	58	7	0	1	0	0	0	66
16:15	47	8	2	2	0	0	0	59
16:30	48	9	0	0	0	0	0	57
16:45	56	6	1	1	1	5	0	70
H/TOT	209	30	3	4	1	5	0	252
17:00	65	7	1	1	1	1	1	77
17:15	65	5	0	0	0	0	0	70
17:30	69	5	0	0	0	0	1	75
17:45	55	6	0	0	0	0	0	61
H/TOT	254	23	1	1	1	1	2	283
18:00	63	6	0	1	0	0	0	70
18:15	48	3	0	1	0	0	0	52
18:30	27	2	1	1	0	1	0	32
18:45	42	6	0	0	0	0	0	48
H/TOT	180	17	1	3	0	1	0	202
19:00	44	3	0	1	0	0	0	48
19:15	50	4	0	0	0	0	1	55
19:30	32	4	0	0	0	0	0	36
19:45	34	0	0	0	0	0	1	35
H/TOT	160	11	0	1	0	0	2	174
P/TOT	2562	361	49	37	11	20	12	3052





14343 / ABERGELE  
AUGUST 2023  
CLASSIFIED TURNING COUNT

SITE: 1

DATE: 09/08/2023

LOCATION: A547 Market Street / A548 Chapel Street

DAY: Wednesday

TIME	TO ARM C							TOT
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	
06:00	6	0	1	0	1	0	0	8
06:15	8	1	0	0	1	0	0	10
06:30	5	2	2	0	1	1	0	11
06:45	19	3	1	1	1	0	1	26
H/TOT	38	6	4	1	4	1	1	55
07:00	9	3	3	0	2	0	0	17
07:15	14	1	1	0	1	1	0	18
07:30	22	10	1	0	2	0	0	35
07:45	45	6	3	0	1	1	0	56
H/TOT	90	20	8	0	6	2	0	126
08:00	40	10	1	0	1	0	1	53
08:15	36	10	0	0	3	0	0	49
08:30	48	7	3	0	3	0	1	62
08:45	63	13	4	0	2	0	0	82
H/TOT	187	40	8	0	9	0	2	246
09:00	60	6	0	2	1	2	0	71
09:15	46	6	2	0	2	0	0	56
09:30	46	7	2	0	2	0	1	58
09:45	58	9	1	0	2	1	3	74
H/TOT	210	28	5	2	7	3	4	259
10:00	65	7	1	0	1	1	1	76
10:15	64	10	2	0	3	1	0	80
10:30	81	2	0	0	2	0	0	85
10:45	78	6	1	0	3	1	0	89
H/TOT	288	25	4	0	9	3	1	330
11:00	80	6	1	0	1	0	0	88
11:15	77	7	3	0	3	2	0	92
11:30	66	10	2	0	2	1	0	81
11:45	58	9	2	0	1	1	0	71
H/TOT	281	32	8	0	7	4	0	332
12:00	77	12	0	0	4	1	0	94
12:15	89	8	0	0	2	0	0	99
12:30	68	7	1	1	1	1	0	79
12:45	66	6	1	0	2	1	0	76
H/TOT	300	33	2	1	9	3	0	348
13:00	77	10	0	0	3	4	0	94
13:15	65	4	2	2	2	1	0	76
13:30	60	5	1	0	0	1	1	68
13:45	66	4	1	0	2	0	0	73
H/TOT	268	23	4	2	7	6	1	311
14:00	71	3	1	0	3	0	0	78
14:15	60	9	0	0	0	3	0	72
14:30	66	11	1	1	4	0	0	83
14:45	59	4	1	0	3	0	0	67
H/TOT	256	27	3	1	10	3	0	300
15:00	79	9	2	0	2	1	0	93
15:15	67	12	1	1	2	3	1	87
15:30	60	8	1	0	2	0	0	71
15:45	81	11	0	0	0	2	0	94
H/TOT	287	40	4	1	6	6	1	345
16:00	57	7	0	0	1	2	0	67
16:15	84	8	0	1	3	0	0	96
16:30	64	7	0	0	2	2	0	75
16:45	64	7	0	0	1	1	0	73
H/TOT	269	29	0	1	7	5	0	311
17:00	66	6	0	1	2	0	0	75
17:15	77	2	1	0	4	0	0	84
17:30	70	4	0	0	0	0	0	74
17:45	79	6	0	1	2	3	0	91
H/TOT	292	18	1	2	8	3	0	324
18:00	80	7	0	0	2	0	0	89
18:15	65	5	0	1	0	1	0	72
18:30	57	3	1	1	2	3	0	67
18:45	58	3	0	0	0	0	0	61
H/TOT	260	18	1	2	4	4	0	289
19:00	71	5	0	0	1	2	0	79
19:15	47	0	0	0	1	0	0	48
19:30	50	2	0	0	1	1	0	54
19:45	34	1	0	0	1	0	3	39
H/TOT	202	8	0	0	4	3	3	220
P/TOT	3228	347	52	13	97	46	13	3796





14343 / ABERGELE  
AUGUST 2023  
CLASSIFIED TURNING COUNT

SITE: 1

DATE: 09/08/2023

LOCATION: A547 Market Street / A548 Chapel Street

DAY: Wednesday

TIME	FROM ARM C							TOT
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	
06:00	9	1	1	0	0	0	0	11
06:15	12	1	0	1	0	0	0	14
06:30	17	4	1	0	1	2	1	26
06:45	17	2	0	0	2	0	0	21
H/TOT	55	8	2	1	3	2	1	72
07:00	25	3	0	0	1	0	0	29
07:15	24	6	0	0	2	1	0	33
07:30	35	10	0	0	0	0	0	45
07:45	48	9	2	0	1	1	0	61
H/TOT	132	28	2	0	4	2	0	168
08:00	52	10	0	0	2	2	1	67
08:15	44	14	2	0	1	0	0	61
08:30	41	5	2	0	2	0	0	50
08:45	46	12	1	2	1	0	0	62
H/TOT	183	41	5	2	6	2	1	240
09:00	43	4	1	2	3	1	0	54
09:15	55	10	1	1	1	0	0	68
09:30	50	9	2	2	2	1	0	66
09:45	55	5	2	0	2	0	0	64
H/TOT	203	28	6	5	8	2	0	252
10:00	48	9	1	0	2	1	0	61
10:15	62	5	3	0	2	2	0	74
10:30	58	6	2	0	1	1	0	68
10:45	34	5	1	0	2	0	0	42
H/TOT	202	25	7	0	7	4	0	245
11:00	50	8	2	0	2	0	1	63
11:15	65	4	1	0	1	0	0	71
11:30	48	8	2	0	2	0	0	60
11:45	62	9	0	1	2	0	1	75
H/TOT	225	29	5	1	7	0	2	269
12:00	61	9	0	0	2	1	0	73
12:15	51	6	3	0	0	1	0	61
12:30	58	4	0	2	3	0	1	68
12:45	64	8	2	0	1	0	0	75
H/TOT	234	27	5	2	6	2	1	277
13:00	59	10	2	0	3	3	0	77
13:15	55	5	1	0	4	1	0	66
13:30	71	4	2	1	1	1	0	80
13:45	66	5	1	0	1	3	0	76
H/TOT	251	24	6	1	9	8	0	299
14:00	63	3	0	1	1	0	0	68
14:15	61	11	0	1	3	0	0	76
14:30	64	2	0	0	0	2	1	69
14:45	73	4	1	0	0	2	1	81
H/TOT	261	20	1	2	4	4	2	294
15:00	67	5	2	0	3	0	0	77
15:15	65	3	0	0	1	0	0	69
15:30	64	4	0	1	2	0	0	71
15:45	67	6	1	0	1	2	0	77
H/TOT	263	18	3	1	7	2	0	294
16:00	59	4	4	0	2	0	0	69
16:15	64	6	0	0	3	6	0	79
16:30	68	1	0	1	1	2	3	76
16:45	62	7	0	0	2	4	3	78
H/TOT	253	18	4	1	8	12	6	302
17:00	74	5	0	0	3	1	0	83
17:15	80	7	1	0	3	1	0	92
17:30	63	8	0	0	2	1	0	74
17:45	80	3	0	2	1	3	0	89
H/TOT	297	23	1	2	9	6	0	338
18:00	69	5	1	0	1	3	1	80
18:15	52	7	0	1	3	2	2	67
18:30	62	6	0	0	2	1	1	72
18:45	45	9	0	0	1	0	0	55
H/TOT	228	27	1	1	7	6	4	274
19:00	66	3	0	0	1	4	0	74
19:15	57	9	0	0	2	0	1	69
19:30	37	5	0	1	0	1	0	44
19:45	42	2	0	1	2	1	1	49
H/TOT	202	19	0	2	5	6	2	236
P/TOT	2989	335	48	21	90	58	19	3560





SITE: 1

DATE: 09/08/2023

LOCATION: A547 Market Street / A548 Chapel Street

DAY: Wednesday

TIME	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
06:00	29	3	2	0	1	1	0	36
06:15	32	6	1	1	1	0	0	41
06:30	42	14	4	0	2	3	1	66
06:45	59	12	2	2	3	0	1	79
H/TOT	162	35	9	3	7	4	2	222
07:00	72	10	3	0	3	0	1	89
07:15	82	18	2	0	3	2	1	108
07:30	120	32	3	0	2	0	0	157
07:45	173	33	8	1	2	2	0	219
H/TOT	447	93	16	1	10	4	2	573
08:00	181	36	2	2	3	2	3	229
08:15	163	34	4	2	4	0	0	207
08:30	174	29	7	3	5	0	1	219
08:45	193	47	8	2	3	0	0	253
H/TOT	711	146	21	9	15	2	4	908
09:00	184	32	2	6	4	3	0	231
09:15	164	31	4	3	3	2	1	208
09:30	173	35	7	2	4	1	1	223
09:45	199	23	5	1	4	1	3	236
H/TOT	720	121	18	12	15	7	5	898
10:00	181	29	4	1	3	2	1	221
10:15	195	25	12	1	6	3	0	242
10:30	213	14	3	1	3	1	0	235
10:45	171	24	4	1	5	1	0	206
H/TOT	760	92	23	4	17	7	1	904
11:00	203	27	4	3	3	1	1	242
11:15	219	27	6	2	4	2	0	260
11:30	196	37	7	2	4	1	0	247
11:45	193	28	4	2	3	2	1	233
H/TOT	811	119	21	9	14	6	2	982
12:00	199	33	2	2	7	2	0	245
12:15	220	25	5	2	2	2	0	256
12:30	204	23	2	4	4	1	1	239
12:45	196	26	3	2	3	4	0	234
H/TOT	819	107	12	10	16	9	1	974
13:00	193	36	3	1	6	7	1	247
13:15	195	16	4	3	6	2	0	226
13:30	194	17	4	3	1	2	2	223
13:45	200	24	2	2	3	4	0	235
H/TOT	782	93	13	9	16	15	3	931
14:00	210	15	2	4	4	0	0	235
14:15	194	36	3	2	3	3	1	242
14:30	193	22	2	3	5	3	2	230
14:45	203	22	3	0	4	6	1	239
H/TOT	800	95	10	9	16	12	4	946
15:00	223	25	5	2	5	2	0	262
15:15	203	25	5	3	3	5	2	246
15:30	202	25	3	2	4	6	0	242
15:45	217	26	3	1	1	4	0	252
H/TOT	845	101	16	8	13	17	2	1002
16:00	199	21	4	1	3	5	1	234
16:15	213	27	2	2	6	6	0	256
16:30	222	22	1	1	3	4	3	256
16:45	214	26	1	2	3	10	3	259
H/TOT	848	96	8	6	15	25	7	1005
17:00	248	24	1	2	5	2	1	283
17:15	261	19	2	1	7	1	0	291
17:30	252	23	0	0	2	4	2	283
17:45	237	19	0	3	3	15	0	277
H/TOT	998	85	3	6	17	22	3	1134
18:00	235	20	1	1	3	4	1	265
18:15	194	19	0	2	3	4	2	224
18:30	180	12	2	2	4	5	1	206
18:45	163	18	0	0	1	1	0	183
H/TOT	772	69	3	5	11	14	4	878
19:00	206	12	0	1	2	6	0	227
19:15	186	16	0	0	3	0	2	207
19:30	142	15	0	1	1	3	0	162
19:45	134	3	0	1	3	1	4	146
H/TOT	668	46	0	3	9	10	6	742
P/TOT	10143	1298	173	94	191	154	46	12099

PEAK HOUR CALCULATION	TOT
06:00 to 07:00	222
06:15 to 07:15	275
06:30 to 07:30	342
06:45 to 07:45	433
07:00 to 08:00	573
07:15 to 08:15	713
07:30 to 08:30	812
07:45 to 08:45	874
08:00 to 09:00	908
08:15 to 09:15	910
08:30 to 09:30	911
08:45 to 09:45	915
09:00 to 10:00	898
09:15 to 10:15	888
09:30 to 10:30	922
09:45 to 10:45	934
A.M. Peak	915
10:00 to 11:00	904
10:15 to 11:15	925
10:30 to 11:30	943
10:45 to 11:45	955
11:00 to 12:00	982
11:15 to 12:15	985
11:30 to 12:30	981
11:45 to 12:45	973
12:00 to 13:00	974
12:15 to 13:15	976
12:30 to 13:30	946
12:45 to 13:45	930
13:00 to 14:00	931
13:15 to 14:15	919
13:30 to 14:30	935
13:45 to 14:45	942
14:00 to 15:00	946
14:15 to 15:15	973
14:30 to 15:30	977
14:45 to 15:45	989
15:00 to 16:00	1002
15:15 to 16:15	974
15:30 to 16:30	984
15:45 to 16:45	998
Inter Peak	1002
16:00 to 17:00	1005
16:15 to 17:15	1054
16:30 to 17:30	1089
16:45 to 17:45	1116
17:00 to 18:00	1134
17:15 to 18:15	1116
17:30 to 18:30	1049
17:45 to 18:45	972
18:00 to 19:00	878
18:15 to 19:15	840
18:30 to 19:30	823
18:45 to 19:45	779
19:00 to 20:00	742
P.M. Peak	1134





14343 / ABERGELE  
AUGUST 2023  
CLASSIFIED TURNING COUNT

SITE: 2

DATE: 09/08/2023

LOCATION: A547 Market Street / A548 Water Street

DAY: Wednesday

TIME	CAR	LGV	OGV1	A to B OGV2	PSV	MCL	PCL	TOT
06:00	1	1	0	0	0	0	0	2
06:15	0	2	0	0	0	0	0	2
06:30	5	2	0	0	0	0	0	7
06:45	7	0	0	0	0	0	0	7
H/TOT	13	5	0	0	0	0	0	18
07:00	6	1	0	0	0	0	0	7
07:15	3	1	0	0	0	0	0	4
07:30	6	0	1	0	0	0	1	8
07:45	10	2	0	0	0	0	0	12
H/TOT	25	4	1	0	0	0	1	31
08:00	3	1	0	0	0	0	0	4
08:15	9	1	0	0	0	0	0	10
08:30	10	1	0	0	0	0	0	11
08:45	7	4	1	1	0	0	0	13
H/TOT	29	7	1	1	0	0	0	38
09:00	7	3	1	1	0	0	0	12
09:15	11	1	0	1	1	0	0	14
09:30	5	5	0	0	0	0	1	11
09:45	10	0	1	0	0	0	0	11
H/TOT	33	9	2	2	1	0	1	48
10:00	9	4	0	0	1	0	0	14
10:15	18	0	0	0	0	2	0	20
10:30	6	4	1	0	0	0	0	11
10:45	12	1	0	0	0	1	0	14
H/TOT	45	9	1	0	1	3	0	59
11:00	17	1	0	0	0	0	0	18
11:15	15	5	1	0	0	0	0	21
11:30	13	5	2	0	0	0	0	20
11:45	22	2	0	0	0	0	0	24
H/TOT	67	13	3	0	0	0	0	83
12:00	12	2	0	0	0	0	0	14
12:15	16	3	0	0	0	0	0	19
12:30	21	2	0	0	0	0	1	24
12:45	28	3	0	0	0	0	0	31
H/TOT	77	10	0	0	0	0	1	88
13:00	13	1	0	0	0	0	0	14
13:15	16	1	0	0	0	0	0	17
13:30	16	1	1	0	0	0	0	18
13:45	10	2	0	1	0	0	0	13
H/TOT	55	5	1	1	0	0	0	62
14:00	18	4	1	0	0	0	0	23
14:15	14	0	1	0	0	0	0	15
14:30	20	1	1	0	0	0	0	22
14:45	15	2	1	0	0	0	0	18
H/TOT	67	7	4	0	0	0	0	78
15:00	12	2	1	0	0	1	0	16
15:15	15	2	1	0	0	1	0	19
15:30	28	2	1	0	0	1	0	32
15:45	18	1	0	0	0	0	0	19
H/TOT	73	7	3	0	0	3	0	86
16:00	22	0	0	0	0	1	0	23
16:15	23	2	0	0	0	0	0	25
16:30	19	0	1	0	0	0	0	20
16:45	14	5	0	0	0	1	0	20
H/TOT	78	7	1	0	0	2	0	88
17:00	18	1	0	0	1	0	0	20
17:15	19	0	0	0	0	0	0	19
17:30	20	1	0	0	0	0	0	21
17:45	19	1	0	0	0	0	1	21
H/TOT	76	3	0	0	1	0	1	81
18:00	17	0	0	0	0	1	1	19
18:15	17	1	0	0	0	0	0	18
18:30	13	2	0	0	0	1	0	16
18:45	8	0	0	0	0	0	0	8
H/TOT	55	3	0	0	0	2	1	61
19:00	17	1	0	0	0	0	0	18
19:15	17	3	1	0	0	0	0	21
19:30	12	0	0	0	0	0	0	12
19:45	14	0	0	0	0	0	0	14
H/TOT	60	4	1	0	0	0	0	65
P/TOT	753	93	18	4	3	10	5	886





SITE: 2

DATE: 09/08/2023

LOCATION: A547 Market Street / A548 Water Street

DAY: Wednesday

TIME	CAR	LGV	OGV1	A to C OGV2	PSV	MCL	PCL	TOT
06:00	1	0	1	0	1	0	0	3
06:15	1	1	0	0	1	0	0	3
06:30	1	2	2	0	1	0	0	6
06:45	4	2	0	0	1	0	0	7
H/TOT	7	5	3	0	4	0	0	19
07:00	9	2	1	0	2	0	0	14
07:15	9	1	0	0	1	0	0	11
07:30	17	8	1	0	1	0	0	27
07:45	20	5	1	0	1	0	0	27
H/TOT	55	16	3	0	5	0	0	79
08:00	22	5	1	0	1	0	0	29
08:15	27	6	1	0	1	0	0	35
08:30	21	8	1	0	3	0	0	33
08:45	35	6	0	0	1	0	0	42
H/TOT	105	25	3	0	6	0	0	139
09:00	27	5	0	0	1	2	0	35
09:15	20	5	1	0	2	0	0	28
09:30	30	6	1	0	1	0	1	39
09:45	31	3	1	0	1	0	3	39
H/TOT	108	19	3	0	5	2	4	141
10:00	30	6	1	0	1	0	1	39
10:15	26	5	0	0	3	0	0	34
10:30	39	3	0	0	1	0	0	43
10:45	34	1	0	0	3	0	0	38
H/TOT	129	15	1	0	8	0	1	154
11:00	22	3	2	1	0	1	0	29
11:15	39	6	2	1	2	2	0	52
11:30	34	12	1	0	2	0	0	49
11:45	27	6	0	0	1	1	0	35
H/TOT	122	27	5	2	5	4	0	165
12:00	31	6	0	1	3	0	0	41
12:15	43	4	0	0	1	0	0	48
12:30	42	4	0	0	2	1	0	49
12:45	31	5	0	0	0	0	0	36
H/TOT	147	19	0	1	6	1	0	174
13:00	36	2	1	0	1	3	0	43
13:15	29	4	1	0	2	0	0	36
13:30	23	2	0	0	0	0	2	27
13:45	39	2	0	0	2	0	0	43
H/TOT	127	10	2	0	5	3	2	149
14:00	38	2	0	0	2	0	0	42
14:15	30	3	0	0	0	2	0	35
14:30	29	2	0	0	2	0	0	33
14:45	23	4	0	0	4	1	0	32
H/TOT	120	11	0	0	8	3	0	142
15:00	33	2	2	0	1	0	0	38
15:15	36	6	1	0	1	1	1	46
15:30	40	4	0	0	2	0	0	46
15:45	38	2	2	0	0	0	0	42
H/TOT	147	14	5	0	4	1	1	172
16:00	35	5	0	0	0	3	0	43
16:15	37	3	0	0	2	0	0	42
16:30	38	3	0	0	2	0	0	43
16:45	36	2	0	0	0	0	0	38
H/TOT	146	13	0	0	4	3	0	166
17:00	34	3	0	0	1	0	0	38
17:15	38	0	0	0	3	0	0	41
17:30	38	2	0	0	0	9	1	50
17:45	30	4	0	0	2	2	0	38
H/TOT	140	9	0	0	6	11	1	167
18:00	32	2	0	0	1	0	0	35
18:15	27	4	0	0	0	0	0	31
18:30	30	3	0	0	1	1	0	35
18:45	22	0	0	0	0	1	0	23
H/TOT	111	9	0	0	2	2	0	124
19:00	32	2	0	0	1	2	0	37
19:15	23	1	0	0	1	0	0	25
19:30	24	0	0	0	0	1	0	25
19:45	21	1	0	0	1	0	0	23
H/TOT	100	4	0	0	3	3	0	110
P/TOT	1564	196	25	3	71	33	9	1901





14343 / ABERGELE  
AUGUST 2023  
CLASSIFIED TURNING COUNT

SITE: 2

DATE: 09/08/2023

LOCATION: A547 Market Street / A548 Water Street

DAY: Wednesday

TIME	CAR	LGV	OGV1	B to C OGV2	PSV	MCL	PCL	TOT
06:00	8	1	0	0	0	1	0	10
06:15	8	1	1	0	0	0	0	10
06:30	6	2	1	0	0	1	0	10
06:45	22	3	1	2	0	0	1	29
H/TOT	44	7	3	2	0	2	1	59
07:00	16	2	2	0	0	1	0	21
07:15	19	3	1	0	0	0	0	23
07:30	31	8	2	0	1	0	0	42
07:45	59	11	5	1	0	0	0	76
H/TOT	125	24	10	1	1	1	0	162
08:00	54	8	0	1	0	0	1	64
08:15	56	11	0	0	1	0	0	68
08:30	51	14	2	1	0	0	0	68
08:45	66	21	4	0	1	0	0	92
H/TOT	227	54	6	2	2	0	1	292
09:00	56	14	1	2	0	0	0	73
09:15	46	11	1	2	0	2	0	62
09:30	46	12	2	0	1	0	0	61
09:45	56	6	1	1	0	1	0	65
H/TOT	204	43	5	5	1	3	0	261
10:00	51	6	0	0	0	1	0	58
10:15	62	11	5	0	1	1	0	80
10:30	63	6	1	0	0	0	0	70
10:45	63	5	0	1	0	1	0	70
H/TOT	239	28	6	1	1	3	0	278
11:00	64	11	0	1	0	0	0	76
11:15	64	9	2	0	1	0	0	76
11:30	60	6	1	1	0	1	0	69
11:45	50	7	2	0	0	0	0	59
H/TOT	238	33	5	2	1	1	0	280
12:00	57	13	1	2	1	1	0	75
12:15	73	4	0	0	0	1	0	78
12:30	61	8	1	0	0	0	0	70
12:45	58	8	1	1	1	2	0	71
H/TOT	249	33	3	3	2	4	0	294
13:00	57	14	0	0	2	1	0	74
13:15	56	5	2	3	0	1	0	67
13:30	60	8	2	1	0	1	0	72
13:45	52	7	0	0	1	0	0	60
H/TOT	225	34	4	4	3	3	0	273
14:00	60	2	1	3	0	1	0	67
14:15	53	11	1	1	0	0	0	66
14:30	56	8	2	1	1	0	0	68
14:45	61	5	1	0	0	1	0	68
H/TOT	230	26	5	5	1	2	0	269
15:00	65	5	0	1	0	2	1	74
15:15	66	7	1	0	1	2	1	78
15:30	52	6	1	1	0	3	0	63
15:45	66	13	0	1	0	2	0	82
H/TOT	249	31	2	3	1	9	2	297
16:00	48	5	0	0	1	2	0	56
16:15	67	11	0	0	1	0	0	79
16:30	68	7	0	0	0	2	0	77
16:45	58	14	0	1	0	1	0	74
H/TOT	241	37	0	1	2	5	0	286
17:00	76	9	0	1	0	0	0	86
17:15	81	6	1	1	1	0	0	90
17:30	77	7	0	0	0	3	0	87
17:45	74	6	0	1	0	1	0	82
H/TOT	308	28	1	3	1	4	0	345
18:00	71	7	0	0	1	1	0	80
18:15	65	5	0	0	0	2	0	72
18:30	59	1	1	1	1	2	0	65
18:45	56	4	0	0	0	0	0	60
H/TOT	251	17	1	1	2	5	0	277
19:00	64	4	0	0	0	0	0	68
19:15	62	2	0	0	0	0	0	64
19:30	40	5	0	0	1	1	0	47
19:45	37	0	0	0	0	0	2	39
H/TOT	203	11	0	0	1	1	2	218
P/TOT	3033	406	51	33	19	43	6	3591





14343 / ABERGELE  
AUGUST 2023  
CLASSIFIED TURNING COUNT

SITE: 2

DATE: 09/08/2023

LOCATION: A547 Market Street / A548 Water Street

DAY: Wednesday

TIME	CAR	LGV	OGV1	B to A OGV2	PSV	MCL	PCL	TOT
06:00	0	0	0	0	0	0	0	0
06:15	2	0	0	0	0	0	0	2
06:30	4	1	0	0	0	0	0	5
06:45	1	2	0	0	0	0	0	3
H/TOT	7	3	0	0	0	0	0	10
07:00	4	1	1	0	0	0	0	6
07:15	2	0	0	0	0	0	0	2
07:30	4	1	1	0	0	0	0	6
07:45	7	2	1	0	0	0	0	10
H/TOT	17	4	3	0	0	0	0	24
08:00	4	4	0	0	0	0	0	8
08:15	7	1	0	0	0	0	0	8
08:30	5	0	1	0	0	0	0	6
08:45	4	2	0	1	1	0	0	8
H/TOT	20	7	1	1	1	0	0	30
09:00	8	2	0	0	0	0	0	10
09:15	7	5	2	1	0	0	0	15
09:30	9	1	0	0	0	0	0	10
09:45	4	0	0	0	0	0	0	4
H/TOT	28	8	2	1	0	0	0	39
10:00	9	1	0	0	0	0	0	10
10:15	12	0	1	0	1	0	0	14
10:30	11	0	0	0	0	0	0	11
10:45	14	2	0	0	0	0	0	16
H/TOT	46	3	1	0	1	0	0	51
11:00	11	1	0	0	0	0	0	12
11:15	11	0	0	0	0	0	0	11
11:30	5	4	0	0	0	1	0	10
11:45	18	1	0	0	0	0	0	19
H/TOT	45	6	0	0	0	1	0	52
12:00	7	2	0	0	0	1	0	10
12:15	5	1	0	0	0	0	0	6
12:30	8	0	0	0	0	0	0	8
12:45	11	1	0	1	0	0	0	13
H/TOT	31	4	0	1	0	1	0	37
13:00	12	0	0	0	0	0	0	12
13:15	13	0	0	0	0	0	0	13
13:30	8	2	1	0	0	0	9	20
13:45	13	2	0	0	0	0	0	15
H/TOT	46	4	1	0	0	0	9	60
14:00	10	0	1	0	0	0	0	11
14:15	11	0	1	0	1	0	0	13
14:30	12	0	0	0	0	0	0	12
14:45	12	0	0	0	0	1	0	13
H/TOT	45	0	2	0	1	1	0	49
15:00	8	2	0	0	0	0	0	10
15:15	10	0	0	0	0	0	0	10
15:30	8	2	0	0	0	0	0	10
15:45	8	4	0	0	0	0	0	12
H/TOT	34	8	0	0	0	0	0	42
16:00	10	1	0	0	0	0	0	11
16:15	11	0	0	0	0	0	0	11
16:30	10	1	1	0	0	0	0	12
16:45	7	1	0	0	0	0	1	9
H/TOT	38	3	1	0	0	0	1	43
17:00	10	0	1	0	0	1	0	12
17:15	12	0	0	0	0	0	0	12
17:30	8	1	0	0	0	0	0	9
17:45	8	2	0	1	0	0	1	12
H/TOT	38	3	1	1	0	1	1	45
18:00	16	0	0	0	0	0	0	16
18:15	8	0	0	0	2	0	0	10
18:30	11	0	0	0	0	0	0	11
18:45	9	0	0	0	0	0	0	9
H/TOT	44	0	0	0	2	0	0	46
19:00	13	1	0	0	0	0	0	14
19:15	9	1	0	0	0	0	0	10
19:30	6	0	0	0	1	0	0	7
19:45	8	2	0	0	0	0	1	11
H/TOT	36	4	0	0	1	0	1	42
P/TOT	475	57	12	4	6	4	12	570





14343 / ABERGELE  
AUGUST 2023  
CLASSIFIED TURNING COUNT

SITE: 2

DATE: 09/08/2023

LOCATION: A547 Market Street / A548 Water Street

DAY: Wednesday

TIME	CAR	LGV	OGV1	C to A OGV2	PSV	MCL	PCL	TOT
06:00	5	0	1	0	0	0	0	6
06:15	6	1	0	0	0	0	0	7
06:30	4	0	0	0	1	0	0	5
06:45	6	1	0	0	1	0	0	8
H/TOT	21	2	1	0	2	0	0	26
07:00	5	2	0	0	1	0	1	9
07:15	7	1	0	0	1	0	1	10
07:30	12	0	0	0	0	0	0	12
07:45	10	4	2	0	1	1	0	18
H/TOT	34	7	2	0	3	1	2	49
08:00	22	3	0	0	1	0	1	27
08:15	11	1	1	0	1	0	0	14
08:30	29	1	0	0	1	0	0	31
08:45	14	7	1	0	1	0	0	23
H/TOT	76	12	2	0	4	0	1	95
09:00	23	6	0	0	1	0	0	30
09:15	25	4	2	0	1	0	1	33
09:30	36	3	3	0	1	1	0	44
09:45	25	4	0	0	3	0	0	32
H/TOT	109	17	5	0	6	1	1	139
10:00	30	5	0	0	1	0	0	36
10:15	27	3	1	1	1	0	0	33
10:30	20	3	1	0	1	0	0	25
10:45	20	4	1	0	1	0	0	26
H/TOT	97	15	3	1	4	0	0	120
11:00	26	5	0	0	2	0	1	34
11:15	36	6	0	0	1	0	0	43
11:30	32	2	1	0	1	0	0	36
11:45	26	5	1	0	2	0	0	34
H/TOT	120	18	2	0	6	0	1	147
12:00	32	5	0	0	1	0	0	38
12:15	28	5	1	0	1	1	0	36
12:30	21	4	0	0	2	0	0	27
12:45	26	3	0	1	1	1	0	32
H/TOT	107	17	1	1	5	2	0	133
13:00	24	6	0	0	2	1	0	33
13:15	15	2	0	0	2	0	0	19
13:30	27	2	0	0	1	0	0	30
13:45	30	4	0	0	1	2	0	37
H/TOT	96	14	0	0	6	3	0	119
14:00	28	4	0	0	1	0	0	33
14:15	28	5	1	0	2	0	1	37
14:30	26	1	0	0	1	1	2	31
14:45	30	5	0	0	0	0	1	36
H/TOT	112	15	1	0	4	1	4	137
15:00	21	2	0	0	2	0	0	25
15:15	27	5	0	0	1	2	0	35
15:30	20	4	1	0	2	3	0	30
15:45	12	0	0	0	1	0	0	13
H/TOT	80	11	1	0	6	5	0	103
16:00	28	3	0	0	1	0	0	32
16:15	20	5	0	0	1	3	0	29
16:30	31	5	0	0	1	1	0	38
16:45	24	3	1	0	1	4	0	33
H/TOT	103	16	1	0	4	8	0	132
17:00	35	2	0	0	3	0	1	41
17:15	34	2	0	0	2	1	0	39
17:30	37	0	0	0	1	0	0	38
17:45	23	2	0	0	1	1	0	27
H/TOT	129	6	0	0	7	2	1	145
18:00	44	4	0	0	1	2	1	52
18:15	26	5	0	0	2	1	0	34
18:30	18	1	0	0	2	1	0	22
18:45	14	0	0	0	1	0	0	15
H/TOT	102	10	0	0	6	4	1	123
19:00	36	2	0	0	0	1	0	39
19:15	27	2	0	0	1	0	1	31
19:30	16	4	0	0	1	0	0	21
19:45	21	0	0	0	2	0	0	23
H/TOT	100	8	0	0	4	1	1	114
P/TOT	1286	168	19	2	67	28	12	1582





14343 / ABERGELE  
AUGUST 2023  
CLASSIFIED TURNING COUNT

SITE: 2

DATE: 09/08/2023

LOCATION: A547 Market Street / A548 Water Street

DAY: Wednesday

TIME	CAR	LGV	OGV1	C to B OGV2	PSV	MCL	PCL	TOT
06:00	15	1	0	0	0	0	0	16
06:15	15	3	0	1	0	0	0	19
06:30	27	10	0	0	0	2	1	40
06:45	21	6	2	0	1	0	0	30
H/TOT	78	20	2	1	1	2	1	105
07:00	43	5	0	0	0	0	0	48
07:15	35	11	1	0	1	1	0	49
07:30	53	13	0	0	0	0	0	66
07:45	69	15	0	0	0	0	0	84
H/TOT	200	44	1	0	1	1	0	247
08:00	74	17	1	1	1	2	1	97
08:15	55	13	1	2	0	0	0	71
08:30	53	7	2	2	0	0	0	64
08:45	62	10	2	0	0	0	0	74
H/TOT	244	47	6	5	1	2	1	306
09:00	51	4	1	3	1	0	0	60
09:15	57	10	0	1	0	0	0	68
09:30	56	8	1	1	1	0	0	67
09:45	64	3	2	0	0	0	0	69
H/TOT	228	25	4	5	2	0	0	264
10:00	50	13	3	0	1	1	0	68
10:15	56	4	4	1	1	1	0	67
10:30	65	2	1	1	0	1	0	70
10:45	35	8	2	0	1	0	0	46
H/TOT	206	27	10	2	3	3	0	251
11:00	61	7	1	1	0	0	0	70
11:15	63	8	1	1	0	0	0	73
11:30	48	10	3	1	1	0	0	63
11:45	68	10	0	1	0	0	1	80
H/TOT	240	35	5	4	1	0	1	286
12:00	59	7	1	0	0	1	0	68
12:15	56	9	3	1	0	0	0	69
12:30	62	7	1	3	1	0	1	75
12:45	63	8	0	0	0	1	0	72
H/TOT	240	31	5	4	1	2	1	284
13:00	62	11	2	1	1	2	1	80
13:15	72	4	1	0	2	0	0	79
13:30	66	5	1	1	0	1	0	74
13:45	60	7	1	2	0	2	0	72
H/TOT	260	27	5	4	3	5	1	305
14:00	64	6	1	0	0	0	0	71
14:15	73	14	1	0	1	0	0	89
14:30	52	5	0	1	0	2	0	60
14:45	70	6	1	0	0	3	0	80
H/TOT	259	31	3	1	1	5	0	300
15:00	63	10	1	1	1	0	0	76
15:15	57	6	3	2	0	0	0	68
15:30	79	6	1	0	0	0	0	86
15:45	81	8	1	0	0	0	0	90
H/TOT	280	30	6	3	1	0	0	320
16:00	68	3	3	1	1	0	0	76
16:15	63	8	2	1	1	2	0	77
16:30	67	5	0	0	0	0	0	72
16:45	71	6	0	1	1	6	0	85
H/TOT	269	22	5	3	3	8	0	310
17:00	83	9	1	0	0	2	0	95
17:15	85	7	1	0	1	0	0	94
17:30	66	9	0	0	1	1	1	78
17:45	75	6	0	0	0	2	0	83
H/TOT	309	31	2	0	2	5	1	350
18:00	63	6	1	1	0	1	0	72
18:15	57	5	0	0	1	1	0	64
18:30	50	2	0	0	0	0	1	53
18:45	49	11	0	0	0	0	0	60
H/TOT	219	24	1	1	1	2	1	249
19:00	60	2	0	1	1	3	0	67
19:15	60	7	0	0	0	0	0	67
19:30	37	4	0	0	0	1	0	42
19:45	41	1	0	0	0	1	1	44
H/TOT	198	14	0	1	1	5	1	220
P/TOT	3230	408	55	34	22	40	8	3797





SITE: 2

DATE: 09/08/2023

LOCATION: A547 Market Street / A548 Water Street

DAY: Wednesday

TIME	TO ARM A							TOT
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	
06:00	5	0	1	0	0	0	0	6
06:15	8	1	0	0	0	0	0	9
06:30	8	1	0	0	1	0	0	10
06:45	7	3	0	0	1	0	0	11
H/TOT	28	5	1	0	2	0	0	36
07:00	9	3	1	0	1	0	1	15
07:15	9	1	0	0	1	0	1	12
07:30	16	1	1	0	0	0	0	18
07:45	17	6	3	0	1	1	0	28
H/TOT	51	11	5	0	3	1	2	73
08:00	26	7	0	0	1	0	1	35
08:15	18	2	1	0	1	0	0	22
08:30	34	1	1	0	1	0	0	37
08:45	18	9	1	1	2	0	0	31
H/TOT	96	19	3	1	5	0	1	125
09:00	31	8	0	0	1	0	0	40
09:15	32	9	4	1	1	0	1	48
09:30	45	4	3	0	1	1	0	54
09:45	29	4	0	0	3	0	0	36
H/TOT	137	25	7	1	6	1	1	178
10:00	39	6	0	0	1	0	0	46
10:15	39	3	2	1	2	0	0	47
10:30	31	3	1	0	1	0	0	36
10:45	34	6	1	0	1	0	0	42
H/TOT	143	18	4	1	5	0	0	171
11:00	37	6	0	0	2	0	1	46
11:15	47	6	0	0	1	0	0	54
11:30	37	6	1	0	1	1	0	46
11:45	44	6	1	0	2	0	0	53
H/TOT	165	24	2	0	6	1	1	199
12:00	39	7	0	0	1	1	0	48
12:15	33	6	1	0	1	1	0	42
12:30	29	4	0	0	2	0	0	35
12:45	37	4	0	2	1	1	0	45
H/TOT	138	21	1	2	5	3	0	170
13:00	36	6	0	0	2	1	0	45
13:15	28	2	0	0	2	0	0	32
13:30	35	4	1	0	1	0	9	50
13:45	43	6	0	0	1	2	0	52
H/TOT	142	18	1	0	6	3	9	179
14:00	38	4	1	0	1	0	0	44
14:15	39	5	2	0	3	0	1	50
14:30	38	1	0	0	1	1	2	43
14:45	42	5	0	0	0	1	1	49
H/TOT	157	15	3	0	5	2	4	186
15:00	29	4	0	0	2	0	0	35
15:15	37	5	0	0	1	2	0	45
15:30	28	6	1	0	2	3	0	40
15:45	20	4	0	0	1	0	0	25
H/TOT	114	19	1	0	6	5	0	145
16:00	38	4	0	0	1	0	0	43
16:15	31	5	0	0	1	3	0	40
16:30	41	6	1	0	1	1	0	50
16:45	31	4	1	0	1	4	1	42
H/TOT	141	19	2	0	4	8	1	175
17:00	45	2	1	0	3	1	1	53
17:15	46	2	0	0	2	1	0	51
17:30	45	1	0	0	1	0	0	47
17:45	31	4	0	1	1	1	1	39
H/TOT	167	9	1	1	7	3	2	190
18:00	60	4	0	0	1	2	1	68
18:15	34	5	0	0	4	1	0	44
18:30	29	1	0	0	2	1	0	33
18:45	23	0	0	0	1	0	0	24
H/TOT	146	10	0	0	8	4	1	169
19:00	49	3	0	0	0	1	0	53
19:15	36	3	0	0	1	0	1	41
19:30	22	4	0	0	2	0	0	28
19:45	29	2	0	0	2	0	1	34
H/TOT	136	12	0	0	5	1	2	156
P/TOT	1761	225	31	6	73	32	24	2152





SITE: 2

DATE: 09/08/2023

LOCATION: A547 Market Street / A548 Water Street

DAY: Wednesday

TIME	FROM ARM A							TOT
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	
06:00	2	1	1	0	1	0	0	5
06:15	1	3	0	0	1	0	0	5
06:30	6	4	2	0	1	0	0	13
06:45	11	2	0	0	1	0	0	14
H/TOT	20	10	3	0	4	0	0	37
07:00	15	3	1	0	2	0	0	21
07:15	12	2	0	0	1	0	0	15
07:30	23	8	2	0	1	0	1	35
07:45	30	7	1	0	1	0	0	39
H/TOT	80	20	4	0	5	0	1	110
08:00	25	6	1	0	1	0	0	33
08:15	36	7	1	0	1	0	0	45
08:30	31	9	1	0	3	0	0	44
08:45	42	10	1	1	1	0	0	55
H/TOT	134	32	4	1	6	0	0	177
09:00	34	8	1	1	1	2	0	47
09:15	31	6	1	1	3	0	0	42
09:30	35	11	1	0	1	0	2	50
09:45	41	3	2	0	1	0	3	50
H/TOT	141	28	5	2	6	2	5	189
10:00	39	10	1	0	2	0	1	53
10:15	44	5	0	0	3	2	0	54
10:30	45	7	1	0	1	0	0	54
10:45	46	2	0	0	3	1	0	52
H/TOT	174	24	2	0	9	3	1	213
11:00	39	4	2	1	0	1	0	47
11:15	54	11	3	1	2	2	0	73
11:30	47	17	3	0	2	0	0	69
11:45	49	8	0	0	1	1	0	59
H/TOT	189	40	8	2	5	4	0	248
12:00	43	8	0	1	3	0	0	55
12:15	59	7	0	0	1	0	0	67
12:30	63	6	0	0	2	1	1	73
12:45	59	8	0	0	0	0	0	67
H/TOT	224	29	0	1	6	1	1	262
13:00	49	3	1	0	1	3	0	57
13:15	45	5	1	0	2	0	0	53
13:30	39	3	1	0	0	0	2	45
13:45	49	4	0	1	2	0	0	56
H/TOT	182	15	3	1	5	3	2	211
14:00	56	6	1	0	2	0	0	65
14:15	44	3	1	0	0	2	0	50
14:30	49	3	1	0	2	0	0	55
14:45	38	6	1	0	4	1	0	50
H/TOT	187	18	4	0	8	3	0	220
15:00	45	4	3	0	1	1	0	54
15:15	51	8	2	0	1	2	1	65
15:30	68	6	1	0	2	1	0	78
15:45	56	3	2	0	0	0	0	61
H/TOT	220	21	8	0	4	4	1	258
16:00	57	5	0	0	0	4	0	66
16:15	60	5	0	0	2	0	0	67
16:30	57	3	1	0	2	0	0	63
16:45	50	7	0	0	0	1	0	58
H/TOT	224	20	1	0	4	5	0	254
17:00	52	4	0	0	2	0	0	58
17:15	57	0	0	0	3	0	0	60
17:30	58	3	0	0	0	9	1	71
17:45	49	5	0	0	2	2	1	59
H/TOT	216	12	0	0	7	11	2	248
18:00	49	2	0	0	1	1	1	54
18:15	44	5	0	0	0	0	0	49
18:30	43	5	0	0	1	2	0	51
18:45	30	0	0	0	0	1	0	31
H/TOT	166	12	0	0	2	4	1	185
19:00	49	3	0	0	1	2	0	55
19:15	40	4	1	0	1	0	0	46
19:30	36	0	0	0	0	1	0	37
19:45	35	1	0	0	1	0	0	37
H/TOT	160	8	1	0	3	3	0	175
P/TOT	2317	289	43	7	74	43	14	2787





14343 / ABERGELE  
AUGUST 2023  
CLASSIFIED TURNING COUNT

SITE: 2

DATE: 09/08/2023

LOCATION: A547 Market Street / A548 Water Street

DAY: Wednesday

TIME	TO ARM B							TOT
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	
06:00	16	2	0	0	0	0	0	18
06:15	15	5	0	1	0	0	0	21
06:30	32	12	0	0	0	2	1	47
06:45	28	6	2	0	1	0	0	37
H/TOT	91	25	2	1	1	2	1	123
07:00	49	6	0	0	0	0	0	55
07:15	38	12	1	0	1	1	0	53
07:30	59	13	1	0	0	0	1	74
07:45	79	17	0	0	0	0	0	96
H/TOT	225	48	2	0	1	1	1	278
08:00	77	18	1	1	1	2	1	101
08:15	64	14	1	2	0	0	0	81
08:30	63	8	2	2	0	0	0	75
08:45	69	14	3	1	0	0	0	87
H/TOT	273	54	7	6	1	2	1	344
09:00	58	7	2	4	1	0	0	72
09:15	68	11	0	2	1	0	0	82
09:30	61	13	1	1	1	0	1	78
09:45	74	3	3	0	0	0	0	80
H/TOT	261	34	6	7	3	0	1	312
10:00	59	17	3	0	2	1	0	82
10:15	74	4	4	1	1	3	0	87
10:30	71	6	2	1	0	1	0	81
10:45	47	9	2	0	1	1	0	60
H/TOT	251	36	11	2	4	6	0	310
11:00	78	8	1	1	0	0	0	88
11:15	78	13	2	1	0	0	0	94
11:30	61	15	5	1	1	0	0	83
11:45	90	12	0	1	0	0	1	104
H/TOT	307	48	8	4	1	0	1	369
12:00	71	9	1	0	0	1	0	82
12:15	72	12	3	1	0	0	0	88
12:30	83	9	1	3	1	0	2	99
12:45	91	11	0	0	0	1	0	103
H/TOT	317	41	5	4	1	2	2	372
13:00	75	12	2	1	1	2	1	94
13:15	88	5	1	0	2	0	0	96
13:30	82	6	2	1	0	1	0	92
13:45	70	9	1	3	0	2	0	85
H/TOT	315	32	6	5	3	5	1	367
14:00	82	10	2	0	0	0	0	94
14:15	87	14	2	0	1	0	0	104
14:30	72	6	1	1	0	2	0	82
14:45	85	8	2	0	0	3	0	98
H/TOT	324	38	7	1	1	5	0	378
15:00	75	12	2	1	1	1	0	92
15:15	72	8	4	2	0	1	0	87
15:30	107	8	2	0	0	1	0	118
15:45	99	9	1	0	0	0	0	109
H/TOT	353	37	9	3	1	3	0	406
16:00	90	3	3	1	1	1	0	99
16:15	86	10	2	1	1	2	0	102
16:30	86	5	1	0	0	0	0	92
16:45	85	11	0	1	1	7	0	105
H/TOT	347	29	6	3	3	10	0	398
17:00	101	10	1	0	1	2	0	115
17:15	104	7	1	0	1	0	0	113
17:30	86	10	0	0	1	1	1	99
17:45	94	7	0	0	0	2	1	104
H/TOT	385	34	2	0	3	5	2	431
18:00	80	6	1	1	0	2	1	91
18:15	74	6	0	0	1	1	0	82
18:30	63	4	0	0	0	1	1	69
18:45	57	11	0	0	0	0	0	68
H/TOT	274	27	1	1	1	4	2	310
19:00	77	3	0	1	1	3	0	85
19:15	77	10	1	0	0	0	0	88
19:30	49	4	0	0	0	1	0	54
19:45	55	1	0	0	0	1	1	58
H/TOT	258	18	1	1	1	5	1	285
P/TOT	3983	501	73	38	25	50	13	4683





14343 / ABERGELE  
AUGUST 2023  
CLASSIFIED TURNING COUNT

SITE: 2

DATE: 09/08/2023

LOCATION: A547 Market Street / A548 Water Street

DAY: Wednesday

TIME	FROM ARM B							TOT
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	
06:00	8	1	0	0	0	1	0	10
06:15	10	1	1	0	0	0	0	12
06:30	10	3	1	0	0	1	0	15
06:45	23	5	1	2	0	0	1	32
H/TOT	51	10	3	2	0	2	1	69
07:00	20	3	3	0	0	1	0	27
07:15	21	3	1	0	0	0	0	25
07:30	35	9	3	0	1	0	0	48
07:45	66	13	6	1	0	0	0	86
H/TOT	142	28	13	1	1	1	0	186
08:00	58	12	0	1	0	0	1	72
08:15	63	12	0	0	1	0	0	76
08:30	56	14	3	1	0	0	0	74
08:45	70	23	4	1	2	0	0	100
H/TOT	247	61	7	3	3	0	1	322
09:00	64	16	1	2	0	0	0	83
09:15	53	16	3	3	0	2	0	77
09:30	55	13	2	0	1	0	0	71
09:45	60	6	1	1	0	1	0	69
H/TOT	232	51	7	6	1	3	0	300
10:00	60	7	0	0	0	1	0	68
10:15	74	11	6	0	2	1	0	94
10:30	74	6	1	0	0	0	0	81
10:45	77	7	0	1	0	1	0	86
H/TOT	285	31	7	1	2	3	0	329
11:00	75	12	0	1	0	0	0	88
11:15	75	9	2	0	1	0	0	87
11:30	65	10	1	1	0	2	0	79
11:45	68	8	2	0	0	0	0	78
H/TOT	283	39	5	2	1	2	0	332
12:00	64	15	1	2	1	2	0	85
12:15	78	5	0	0	0	1	0	84
12:30	69	8	1	0	0	0	0	78
12:45	69	9	1	2	1	2	0	84
H/TOT	280	37	3	4	2	5	0	331
13:00	69	14	0	0	2	1	0	86
13:15	69	5	2	3	0	1	0	80
13:30	68	10	3	1	0	1	9	92
13:45	65	9	0	0	1	0	0	75
H/TOT	271	38	5	4	3	3	9	333
14:00	70	2	2	3	0	1	0	78
14:15	64	11	2	1	1	0	0	79
14:30	68	8	2	1	1	0	0	80
14:45	73	5	1	0	0	2	0	81
H/TOT	275	26	7	5	2	3	0	318
15:00	73	7	0	1	0	2	1	84
15:15	76	7	1	0	1	2	1	88
15:30	60	8	1	1	0	3	0	73
15:45	74	17	0	1	0	2	0	94
H/TOT	283	39	2	3	1	9	2	339
16:00	58	6	0	0	1	2	0	67
16:15	78	11	0	0	1	0	0	90
16:30	78	8	1	0	0	2	0	89
16:45	65	15	0	1	0	1	1	83
H/TOT	279	40	1	1	2	5	1	329
17:00	86	9	1	1	0	1	0	98
17:15	93	6	1	1	1	0	0	102
17:30	85	8	0	0	0	3	0	96
17:45	82	8	0	2	0	1	1	94
H/TOT	346	31	2	4	1	5	1	390
18:00	87	7	0	0	1	1	0	96
18:15	73	5	0	0	2	2	0	82
18:30	70	1	1	1	1	2	0	76
18:45	65	4	0	0	0	0	0	69
H/TOT	295	17	1	1	4	5	0	323
19:00	77	5	0	0	0	0	0	82
19:15	71	3	0	0	0	0	0	74
19:30	46	5	0	0	2	1	0	54
19:45	45	2	0	0	0	0	3	50
H/TOT	239	15	0	0	2	1	3	260
P/TOT	3508	463	63	37	25	47	18	4161





SITE: 2

DATE: 09/08/2023

LOCATION: A547 Market Street / A548 Water Street

DAY: Wednesday

TIME	TO ARM C							TOT
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	
06:00	9	1	1	0	1	1	0	13
06:15	9	2	1	0	1	0	0	13
06:30	7	4	3	0	1	1	0	16
06:45	26	5	1	2	1	0	1	36
H/TOT	51	12	6	2	4	2	1	78
07:00	25	4	3	0	2	1	0	35
07:15	28	4	1	0	1	0	0	34
07:30	48	16	3	0	2	0	0	69
07:45	79	16	6	1	1	0	0	103
H/TOT	180	40	13	1	6	1	0	241
08:00	76	13	1	1	1	0	1	93
08:15	83	17	1	0	2	0	0	103
08:30	72	22	3	1	3	0	0	101
08:45	101	27	4	0	2	0	0	134
H/TOT	332	79	9	2	8	0	1	431
09:00	83	19	1	2	1	2	0	108
09:15	66	16	2	2	2	2	0	90
09:30	76	18	3	0	2	0	1	100
09:45	87	9	2	1	1	1	3	104
H/TOT	312	62	8	5	6	5	4	402
10:00	81	12	1	0	1	1	1	97
10:15	88	16	5	0	4	1	0	114
10:30	102	9	1	0	1	0	0	113
10:45	97	6	0	1	3	1	0	108
H/TOT	368	43	7	1	9	3	1	432
11:00	86	14	2	2	0	1	0	105
11:15	103	15	4	1	3	2	0	128
11:30	94	18	2	1	2	1	0	118
11:45	77	13	2	0	1	1	0	94
H/TOT	360	60	10	4	6	5	0	445
12:00	88	19	1	3	4	1	0	116
12:15	116	8	0	0	1	1	0	126
12:30	103	12	1	0	2	1	0	119
12:45	89	13	1	1	1	2	0	107
H/TOT	396	52	3	4	8	5	0	468
13:00	93	16	1	0	3	4	0	117
13:15	85	9	3	3	2	1	0	103
13:30	83	10	2	1	0	1	2	99
13:45	91	9	0	0	3	0	0	103
H/TOT	352	44	6	4	8	6	2	422
14:00	98	4	1	3	2	1	0	109
14:15	83	14	1	1	0	2	0	101
14:30	85	10	2	1	3	0	0	101
14:45	84	9	1	0	4	2	0	100
H/TOT	350	37	5	5	9	5	0	411
15:00	98	7	2	1	1	2	1	112
15:15	102	13	2	0	2	3	2	124
15:30	92	10	1	1	2	3	0	109
15:45	104	15	2	1	0	2	0	124
H/TOT	396	45	7	3	5	10	3	469
16:00	83	10	0	0	1	5	0	99
16:15	104	14	0	0	3	0	0	121
16:30	106	10	0	0	2	2	0	120
16:45	94	16	0	1	0	1	0	112
H/TOT	387	50	0	1	6	8	0	452
17:00	110	12	0	1	1	0	0	124
17:15	119	6	1	1	4	0	0	131
17:30	115	9	0	0	0	12	1	137
17:45	104	10	0	1	2	3	0	120
H/TOT	448	37	1	3	7	15	1	512
18:00	103	9	0	0	2	1	0	115
18:15	92	9	0	0	0	2	0	103
18:30	89	4	1	1	2	3	0	100
18:45	78	4	0	0	0	1	0	83
H/TOT	362	26	1	1	4	7	0	401
19:00	96	6	0	0	1	2	0	105
19:15	85	3	0	0	1	0	0	89
19:30	64	5	0	0	1	2	0	72
19:45	58	1	0	0	1	0	2	62
H/TOT	303	15	0	0	4	4	2	328
P/TOT	4597	602	76	36	90	76	15	5492





14343 / ABERGELE  
AUGUST 2023  
CLASSIFIED TURNING COUNT

SITE: 2

DATE: 09/08/2023

LOCATION: A547 Market Street / A548 Water Street

DAY: Wednesday

TIME	FROM ARM C							TOT
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	
06:00	20	1	1	0	0	0	0	22
06:15	21	4	0	1	0	0	0	26
06:30	31	10	0	0	1	2	1	45
06:45	27	7	2	0	2	0	0	38
H/TOT	99	22	3	1	3	2	1	131
07:00	48	7	0	0	1	0	1	57
07:15	42	12	1	0	2	1	1	59
07:30	65	13	0	0	0	0	0	78
07:45	79	19	2	0	1	1	0	102
H/TOT	234	51	3	0	4	2	2	296
08:00	96	20	1	1	2	2	2	124
08:15	66	14	2	2	1	0	0	85
08:30	82	8	2	2	1	0	0	95
08:45	76	17	3	0	1	0	0	97
H/TOT	320	59	8	5	5	2	2	401
09:00	74	10	1	3	2	0	0	90
09:15	82	14	2	1	1	0	1	101
09:30	92	11	4	1	2	1	0	111
09:45	89	7	2	0	3	0	0	101
H/TOT	337	42	9	5	8	1	1	403
10:00	80	18	3	0	2	1	0	104
10:15	83	7	5	2	2	1	0	100
10:30	85	5	2	1	1	1	0	95
10:45	55	12	3	0	2	0	0	72
H/TOT	303	42	13	3	7	3	0	371
11:00	87	12	1	1	2	0	1	104
11:15	99	14	1	1	1	0	0	116
11:30	80	12	4	1	2	0	0	99
11:45	94	15	1	1	2	0	1	114
H/TOT	360	53	7	4	7	0	2	433
12:00	91	12	1	0	1	1	0	106
12:15	84	14	4	1	1	1	0	105
12:30	83	11	1	3	3	0	1	102
12:45	89	11	0	1	1	2	0	104
H/TOT	347	48	6	5	6	4	1	417
13:00	86	17	2	1	3	3	1	113
13:15	87	6	1	0	4	0	0	98
13:30	93	7	1	1	1	1	0	104
13:45	90	11	1	2	1	4	0	109
H/TOT	356	41	5	4	9	8	1	424
14:00	92	10	1	0	1	0	0	104
14:15	101	19	2	0	3	0	1	126
14:30	78	6	0	1	1	3	2	91
14:45	100	11	1	0	0	3	1	116
H/TOT	371	46	4	1	5	6	4	437
15:00	84	12	1	1	3	0	0	101
15:15	84	11	3	2	1	2	0	103
15:30	99	10	2	0	2	3	0	116
15:45	93	8	1	0	1	0	0	103
H/TOT	360	41	7	3	7	5	0	423
16:00	96	6	3	1	2	0	0	108
16:15	83	13	2	1	2	5	0	106
16:30	98	10	0	0	1	1	0	110
16:45	95	9	1	1	2	10	0	118
H/TOT	372	38	6	3	7	16	0	442
17:00	118	11	1	0	3	2	1	136
17:15	119	9	1	0	3	1	0	133
17:30	103	9	0	0	2	1	1	116
17:45	98	8	0	0	1	3	0	110
H/TOT	438	37	2	0	9	7	2	495
18:00	107	10	1	1	1	3	1	124
18:15	83	10	0	0	3	2	0	98
18:30	68	3	0	0	2	1	1	75
18:45	63	11	0	0	1	0	0	75
H/TOT	321	34	1	1	7	6	2	372
19:00	96	4	0	1	1	4	0	106
19:15	87	9	0	0	1	0	1	98
19:30	53	8	0	0	1	1	0	63
19:45	62	1	0	0	2	1	1	67
H/TOT	298	22	0	1	5	6	2	334
P/TOT	4516	576	74	36	89	68	20	5379





SITE: 2

DATE: 09/08/2023

LOCATION: A547 Market Street / A548 Water Street

DAY: Wednesday

TIME	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
06:00	30	3	2	0	1	1	0	37
06:15	32	8	1	1	1	0	0	43
06:30	47	17	3	0	2	3	1	73
06:45	61	14	3	2	3	0	1	84
H/TOT	170	42	9	3	7	4	2	237
07:00	83	13	4	0	3	1	1	105
07:15	75	17	2	0	3	1	1	99
07:30	123	30	5	0	2	0	1	161
07:45	175	39	9	1	2	1	0	227
H/TOT	456	99	20	1	10	3	3	592
08:00	179	38	2	2	3	2	3	229
08:15	165	33	3	2	3	0	0	206
08:30	169	31	6	3	4	0	0	213
08:45	188	50	8	2	4	0	0	252
H/TOT	701	152	19	9	14	2	3	900
09:00	172	34	3	6	3	2	0	220
09:15	166	36	6	5	4	2	1	220
09:30	182	35	7	1	4	1	2	232
09:45	190	16	5	1	4	1	3	220
H/TOT	710	121	21	13	15	6	6	892
10:00	179	35	4	0	4	2	1	225
10:15	201	23	11	2	7	4	0	248
10:30	204	18	4	1	2	1	0	230
10:45	178	21	3	1	5	2	0	210
H/TOT	762	97	22	4	18	9	1	913
11:00	201	28	3	3	2	1	1	239
11:15	228	34	6	2	4	2	0	276
11:30	192	39	8	2	4	2	0	247
11:45	211	31	3	1	3	1	1	251
H/TOT	832	132	20	8	13	6	2	1013
12:00	198	35	2	3	5	3	0	246
12:15	221	26	4	1	2	2	0	256
12:30	215	25	2	3	5	1	2	253
12:45	217	28	1	3	2	4	0	255
H/TOT	851	114	9	10	14	10	2	1010
13:00	204	34	3	1	6	7	1	256
13:15	201	16	4	3	6	1	0	231
13:30	200	20	5	2	1	2	11	241
13:45	204	24	1	3	4	4	0	240
H/TOT	809	94	13	9	17	14	12	968
14:00	218	18	4	3	3	1	0	247
14:15	209	33	5	1	4	2	1	255
14:30	195	17	3	2	4	3	2	226
14:45	211	22	3	0	4	6	1	247
H/TOT	833	90	15	6	15	12	4	975
15:00	202	23	4	2	4	3	1	239
15:15	211	26	6	2	3	6	2	256
15:30	227	24	4	1	4	7	0	267
15:45	223	28	3	1	1	2	0	258
H/TOT	863	101	17	6	12	18	3	1020
16:00	211	17	3	1	3	6	0	241
16:15	221	29	2	1	5	5	0	263
16:30	233	21	2	0	3	3	0	262
16:45	210	31	1	2	2	12	1	259
H/TOT	875	98	8	4	13	26	1	1025
17:00	256	24	2	1	5	3	1	292
17:15	269	15	2	1	7	1	0	295
17:30	246	20	0	0	2	13	2	283
17:45	229	21	0	2	3	6	2	263
H/TOT	1000	80	4	4	17	23	5	1133
18:00	243	19	1	1	3	5	2	274
18:15	200	20	0	0	5	4	0	229
18:30	181	9	1	1	4	5	1	202
18:45	158	15	0	0	1	1	0	175
H/TOT	782	63	2	2	13	15	3	880
19:00	222	12	0	1	2	6	0	243
19:15	198	16	1	0	2	0	1	218
19:30	135	13	0	0	3	3	0	154
19:45	142	4	0	0	3	1	4	154
H/TOT	697	45	1	1	10	10	5	769
P/TOT	10341	1328	180	80	188	158	52	12327

PEAK HOUR CALCULATION	TOT
06:00 to 07:00	237
06:15 to 07:15	305
06:30 to 07:30	361
06:45 to 07:45	449
07:00 to 08:00	592
07:15 to 08:15	716
07:30 to 08:30	823
07:45 to 08:45	875
08:00 to 09:00	900
08:15 to 09:15	891
08:30 to 09:30	905
08:45 to 09:45	924
09:00 to 10:00	892
09:15 to 10:15	897
09:30 to 10:30	925
09:45 to 10:45	923
A.M. Peak	924
10:00 to 11:00	913
10:15 to 11:15	927
10:30 to 11:30	955
10:45 to 11:45	972
11:00 to 12:00	1013
11:15 to 12:15	1020
11:30 to 12:30	1000
11:45 to 12:45	1006
12:00 to 13:00	1010
12:15 to 13:15	1020
12:30 to 13:30	995
12:45 to 13:45	983
13:00 to 14:00	968
13:15 to 14:15	959
13:30 to 14:30	983
13:45 to 14:45	968
14:00 to 15:00	975
14:15 to 15:15	967
14:30 to 15:30	968
14:45 to 15:45	1009
15:00 to 16:00	1020
15:15 to 16:15	1022
15:30 to 16:30	1029
15:45 to 16:45	1024
Inter Peak	1020
16:00 to 17:00	1025
16:15 to 17:15	1076
16:30 to 17:30	1108
16:45 to 17:45	1129
17:00 to 18:00	1133
17:15 to 18:15	1115
17:30 to 18:30	1049
17:45 to 18:45	968
18:00 to 19:00	880
18:15 to 19:15	849
18:30 to 19:30	838
18:45 to 19:45	790
19:00 to 20:00	769
P.M. Peak	1133





14343 / ABERGELE  
AUGUST 2023  
PCU CONVERSION

SITE: 1

DATE: 09/08/2023

LOCATION: A547 Market Street / A548 Chapel Street

DAY: Wednesday

TIME	CAR	LGV	OGV1	A to B OGV2	PSV	MCL	PCL	TOT
06:00	3	2	0	0	0	0.3	0	5.3
06:15	3	1	1.5	0	0	0	0	5.5
06:30	4	2	1.5	0	0	0	0	7.5
06:45	10	2	0	2	0	0	0	14
H/TOT	20	7	3	2	0	0.3	0	32.3
07:00	15	0	0	0	0	0	0	15
07:15	21	5	0	0	0	0	0	26
07:30	29	7	3	0	0	0	0	39
07:45	39	8	4.5	2	0	0	0	53.5
H/TOT	104	20	7.5	2	0	0	0	133.5
08:00	40	6	0	2	0	0	0	48
08:15	55	7	1.5	0	0	0	0	63.5
08:30	37	15	1.5	2	0	0	0	55.5
08:45	49	16	1.5	0	0	0	0	66.5
H/TOT	181	44	4.5	4	0	0	0	233.5
09:00	41	15	1.5	2	0	0	0	59.5
09:15	23	9	0	4	0	0.6	0	36.6
09:30	33	13	1.5	0	0	0	0	47.5
09:45	45	4	3	2	0	0	0	54
H/TOT	142	41	6	8	0	0.6	0	197.6
10:00	27	4	0	0	0	0	0	31
10:15	37	6	6	0	3	0	0	52
10:30	32	5	1.5	0	0	0	0	38.5
10:45	34	4	0	2	0	0	0	40
H/TOT	130	19	7.5	2	3	0	0	161.5
11:00	30	6	1.5	4	0	0.3	0	41.8
11:15	33	8	3	2	0	0	0	46
11:30	41	12	1.5	2	0	0	0	56.5
11:45	33	5	1.5	0	0	0.3	0	39.8
H/TOT	137	31	7.5	8	0	0.6	0	184.1
12:00	23	7	1.5	4	3	0	0	38.5
12:15	40	3	0	2	0	0.3	0	45.3
12:30	45	6	0	0	0	0	0	51
12:45	32	6	0	2	0	0.3	0	40.3
H/TOT	140	22	1.5	8	3	0.6	0	175.1
13:00	31	8	1.5	0	0	0	0	40.5
13:15	32	4	1.5	2	0	0	0	39.5
13:30	33	5	1.5	2	0	0	0.2	41.7
13:45	36	8	0	0	0	0	0	44
H/TOT	132	25	4.5	4	0	0	0.2	165.7
14:00	41	3	0	6	0	0	0	50
14:15	32	6	1.5	2	0	0	0	41.5
14:30	32	3	1.5	2	0	0	0	38.5
14:45	36	8	1.5	0	3	0.6	0	49.1
H/TOT	141	20	4.5	10	3	0.6	0	179.1
15:00	40	2	1.5	2	0	0.3	0	45.8
15:15	40	4	1.5	0	0	0	0.2	45.7
15:30	39	4	0	2	0	0.9	0	45.9
15:45	38	6	1.5	2	0	0	0	47.5
H/TOT	157	16	4.5	6	0	1.2	0.2	184.9
16:00	36	6	0	0	0	0.9	0.2	43.1
16:15	34	6	0	0	0	0	0	40
16:30	47	7	1.5	0	0	0	0	55.5
16:45	40	8	0	2	0	0	0	50
H/TOT	157	27	1.5	2	0	0.9	0.2	188.6
17:00	55	8	0	2	0	0	0	65
17:15	49	6	0	2	0	0	0	57
17:30	64	7	0	0	0	0.9	0.2	72.1
17:45	45	5	0	0	0	2.7	0	52.7
H/TOT	213	26	0	4	0	3.6	0.2	246.8
18:00	38	2	0	0	0	0.3	0	40.3
18:15	38	4	0	0	0	0.3	0	42.3
18:30	40	2	1.5	2	0	0	0	45.5
18:45	34	2	0	0	0	0.3	0	36.3
H/TOT	150	10	1.5	2	0	0.9	0	164.4
19:00	36	2	0	0	0	0	0	38
19:15	41	3	0	0	0	0	0	44
19:30	32	4	0	0	0	0.3	0	36.3
19:45	31	0	0	0	0	0	0	31
H/TOT	140	9	0	0	0	0.3	0	149.3
P/TOT	1944	317	54	62	9	9.6	0.8	2396.4





14343 / ABERGELE  
AUGUST 2023  
PCU CONVERSION

SITE: 1

DATE: 09/08/2023

LOCATION: A547 Market Street / A548 Chapel Street

DAY: Wednesday

TIME	CAR	LGV	OGV1	A to C OGV2	PSV	MCL	PCL	TOT
06:00	6	0	1.5	0	3	0	0	10.5
06:15	7	1	0	0	3	0	0	11
06:30	4	2	3	0	3	0.3	0	12.3
06:45	18	3	1.5	2	3	0	0.2	27.7
H/TOT	35	6	6	2	12	0.3	0.2	61.5
07:00	7	3	4.5	0	6	0	0	20.5
07:15	10	0	1.5	0	3	0.3	0	14.8
07:30	18	9	1.5	0	6	0	0	34.5
07:45	38	6	4.5	0	3	0	0	51.5
H/TOT	73	18	12	0	18	0.3	0	121.3
08:00	35	9	1.5	0	3	0	0.2	48.7
08:15	30	10	0	0	6	0	0	46
08:30	33	6	3	0	9	0	0	51
08:45	52	12	4.5	0	6	0	0	74.5
H/TOT	150	37	9	0	24	0	0.2	220.2
09:00	48	4	0	2	3	0.6	0	57.6
09:15	40	6	3	0	6	0	0	55
09:30	38	7	3	0	6	0	0.2	54.2
09:45	47	5	0	0	3	0.3	0.6	55.9
H/TOT	173	22	6	2	18	0.9	0.8	222.7
10:00	51	7	1.5	0	3	0.3	0.2	63
10:15	53	9	1.5	0	9	0.3	0	72.8
10:30	68	2	0	0	3	0	0	73
10:45	60	3	0	0	9	0.3	0	72.3
H/TOT	232	21	3	0	24	0.9	0.2	281.1
11:00	60	5	1.5	0	0	0	0	66.5
11:15	67	5	3	0	9	0.6	0	84.6
11:30	56	9	1.5	0	6	0	0	72.5
11:45	46	8	1.5	0	3	0.3	0	58.8
H/TOT	229	27	7.5	0	18	0.9	0	282.4
12:00	63	11	0	0	9	0.3	0	83.3
12:15	73	5	0	0	3	0	0	81
12:30	59	6	1.5	0	3	0.3	0	69.8
12:45	57	5	1.5	0	6	0.3	0	69.8
H/TOT	252	27	3	0	21	0.9	0	303.9
13:00	60	8	0	0	9	1.2	0	78.2
13:15	49	4	3	4	6	0.3	0	66.3
13:30	54	4	1.5	0	0	0.3	0.2	60
13:45	54	3	0	0	6	0	0	63
H/TOT	217	19	4.5	4	21	1.8	0.2	267.5
14:00	61	0	1.5	0	9	0	0	71.5
14:15	49	9	0	0	0	0.9	0	58.9
14:30	51	8	1.5	0	9	0	0	69.5
14:45	47	3	0	0	9	0	0	59
H/TOT	208	20	3	0	27	0.9	0	258.9
15:00	61	6	1.5	0	3	0.3	0	71.8
15:15	60	10	1.5	0	6	0.9	0.2	78.6
15:30	50	6	1.5	0	6	0	0	63.5
15:45	65	10	0	0	0	0.6	0	75.6
H/TOT	236	32	4.5	0	15	1.8	0.2	289.5
16:00	46	4	0	0	3	0.6	0	53.6
16:15	68	7	0	0	9	0	0	84
16:30	59	5	0	0	6	0.6	0	70.6
16:45	56	5	0	0	0	1.3	0	61.3
H/TOT	229	21	0	0	18	1.5	0	269.5
17:00	54	4	0	0	3	0	0	61
17:15	67	1	1.5	0	12	0	0	81.5
17:30	56	3	0	0	0	0	0	59
17:45	57	5	0	2	6	0.9	0	70.9
H/TOT	234	13	1.5	2	21	0.9	0	272.4
18:00	65	7	0	0	6	0	0	78
18:15	56	5	0	0	0	0.3	0	61.3
18:30	51	2	0	0	6	0.9	0	59.9
18:45	42	1	0	0	0	0	0	43
H/TOT	214	15	0	0	12	1.2	0	242.2
19:00	60	4	0	0	3	0.6	0	67.6
19:15	38	0	0	0	3	0	0	41
19:30	41	2	0	0	3	0.3	0	46.3
19:45	27	1	0	0	3	0	0.4	31.4
H/TOT	166	7	0	0	12	0.9	0.4	186.3
P/TOT	2648	285	60	10	261	13.2	2.2	3279.4





14343 / ABERGELE  
AUGUST 2023  
PCU CONVERSION

SITE: 1

DATE: 09/08/2023

LOCATION: A547 Market Street / A548 Chapel Street

DAY: Wednesday

TIME	CAR	LGV	OGV1	B to C OGV2	PSV	MCL	PCL	TOT
06:00	0	0	0	0	0	0	0	0
06:15	1	0	0	0	0	0	0	1
06:30	1	0	0	0	0	0	0	1
06:45	1	0	0	0	0	0	0	1
H/TOT	3	0	0	0	0	0	0	3
07:00	2	0	0	0	0	0	0	2
07:15	4	1	0	0	0	0	0	5
07:30	4	1	0	0	0	0	0	5
07:45	7	0	0	0	0	0.3	0	7.3
H/TOT	17	2	0	0	0	0.3	0	19.3
08:00	5	1	0	0	0	0	0	6
08:15	6	0	0	0	3	0	0	9
08:30	15	1	1.5	0	0	0	0.2	17.7
08:45	11	1	1.5	0	0	0	0	13.5
H/TOT	37	3	3	0	3	0	0.2	46.2
09:00	12	2	0	2	0	0	0	16
09:15	6	0	0	0	0	0	0	6
09:30	8	0	0	0	0	0	0	8
09:45	11	4	1.5	0	3	0	0	19.5
H/TOT	37	6	1.5	2	3	0	0	49.5
10:00	14	0	0	0	0	0	0	14
10:15	11	1	1.5	0	0	0	0	13.5
10:30	13	0	0	0	3	0	0	16
10:45	18	3	1.5	0	0	0	0	22.5
H/TOT	56	4	3	0	3	0	0	66
11:00	20	1	0	0	3	0	0	24
11:15	10	2	1.5	0	0	0	0	13.5
11:30	10	1	1.5	0	0	0.3	0	12.8
11:45	12	1	1.5	0	0	0	0	14.5
H/TOT	52	5	4.5	0	3	0.3	0	64.8
12:00	14	1	0	0	3	0	0	18
12:15	16	3	0	0	3	0	0	22
12:30	9	1	0	2	0	0	0	12
12:45	9	1	0	0	0	0	0	10
H/TOT	48	6	0	2	6	0	0	62
13:00	17	2	0	0	0	0	0	19
13:15	16	0	0	0	0	0	0	16
13:30	6	1	0	0	0	0	0	7
13:45	12	1	1.5	0	0	0	0	14.5
H/TOT	51	4	1.5	0	0	0	0	56.5
14:00	10	3	0	0	0	0	0	13
14:15	11	0	0	0	0	0	0	11
14:30	15	3	0	2	3	0	0	23
14:45	12	1	1.5	0	0	0	0	14.5
H/TOT	48	7	1.5	2	3	0	0	61.5
15:00	18	3	1.5	0	3	0	0	25.5
15:15	7	2	0	2	0	0	0	11
15:30	10	2	0	0	0	0	0	12
15:45	16	1	0	0	0	0	0	17
H/TOT	51	8	1.5	2	3	0	0	65.5
16:00	11	3	0	0	0	0	0	14
16:15	16	1	0	2	0	0	0	19
16:30	5	2	0	0	0	0	0	7
16:45	8	2	0	0	3	0	0	13
H/TOT	40	8	0	2	3	0	0	53
17:00	12	2	0	2	3	0	0	19
17:15	10	1	0	0	0	0	0	11
17:30	14	1	0	0	0	0	0	15
17:45	22	1	0	0	0	0	0	23
H/TOT	58	5	0	2	3	0	0	68
18:00	15	0	0	0	0	0	0	15
18:15	9	0	0	2	0	0	0	11
18:30	6	1	1.5	2	0	0	0	10.5
18:45	16	2	0	0	0	0	0	18
H/TOT	46	3	1.5	4	0	0	0	54.5
19:00	11	1	0	0	0	0	0	12
19:15	9	0	0	0	0	0	0	9
19:30	9	0	0	0	0	0	0	9
19:45	7	0	0	0	0	0	0.2	7.2
H/TOT	36	1	0	0	0	0	0.2	37.2
P/TOT	580	62	18	16	30	0.6	0.4	707





14343 / ABERGELE  
AUGUST 2023  
PCU CONVERSION

SITE: 1

DATE: 09/08/2023

LOCATION: A547 Market Street / A548 Chapel Street

DAY: Wednesday

TIME	CAR	LGV	OGV1	B to A OGV2	PSV	MCL	PCL	TOT
06:00	11	0	0	0	0	0	0	11
06:15	9	3	0	0	0	0	0	12
06:30	16	6	0	0	0	0	0	22
06:45	13	5	1.5	0	0	0	0	19.5
H/TOT	49	14	1.5	0	0	0	0	64.5
07:00	23	4	0	0	0	0	0.2	27.2
07:15	23	6	1.5	0	0	0	0.2	30.7
07:30	34	5	0	0	0	0	0	39
07:45	41	10	0	0	0	0	0	51
H/TOT	121	25	1.5	0	0	0	0.4	147.9
08:00	49	10	1.5	2	0	0	0.2	62.7
08:15	28	3	1.5	4	0	0	0	36.5
08:30	48	2	1.5	4	0	0	0	55.5
08:45	35	6	3	0	0	0	0	44
H/TOT	160	21	7.5	10	0	0	0.2	198.7
09:00	40	7	0	2	0	0	0	49
09:15	40	6	1.5	0	0	0	0.2	47.7
09:30	44	6	3	0	0	0	0	53
09:45	41	5	0	0	0	0	0	46
H/TOT	165	24	4.5	2	0	0	0.2	195.7
10:00	41	9	3	2	0	0	0	55
10:15	32	4	4.5	2	0	0	0	42.5
10:30	42	1	0	2	0	0	0	45
10:45	25	9	3	0	0	0	0	37
H/TOT	140	23	10.5	6	0	0	0	179.5
11:00	43	7	0	2	0	0	0	52
11:15	44	8	0	2	0	0	0	54
11:30	41	7	3	2	0	0	0	53
11:45	40	5	1.5	2	0	0	0	48.5
H/TOT	168	27	4.5	8	0	0	0	207.5
12:00	38	5	1.5	0	0	0	0	44.5
12:15	40	8	3	2	0	0	0	53
12:30	33	6	1.5	2	0	0	0	42.5
12:45	34	6	0	2	0	0.6	0	42.6
H/TOT	145	25	6	6	0	0.6	0	182.6
13:00	26	8	0	2	0	0	0.2	36.2
13:15	43	3	0	0	0	0	0	46
13:30	30	3	0	2	0	0	0	35
13:45	32	7	0	4	0	0.3	0	43.3
H/TOT	131	21	0	8	0	0.3	0.2	160.5
14:00	35	6	1.5	0	0	0	0	42.5
14:15	41	10	3	0	0	0	0.2	54.2
14:30	31	6	0	2	3	0.3	0.2	42.5
14:45	35	6	0	0	0	0.6	0	41.6
H/TOT	142	28	4.5	2	3	0.9	0.4	180.6
15:00	37	9	0	2	0	0	0	48
15:15	31	6	4.5	4	0	0.6	0	46.1
15:30	39	9	3	0	0	0.9	0	51.9
15:45	31	3	1.5	0	0	0	0	35.5
H/TOT	138	27	9	6	0	1.5	0	181.5
16:00	47	4	0	2	0	0	0	53
16:15	31	7	3	2	0	0	0	43
16:30	43	7	0	0	0	0	0	50
16:45	48	4	1.5	2	0	1.5	0	57
H/TOT	169	22	4.5	6	0	1.5	0	203
17:00	53	5	1.5	0	0	0.3	0.2	60
17:15	55	4	0	0	0	0	0	59
17:30	55	4	0	0	0	0	0.2	59.2
17:45	33	5	0	0	0	0	0	38
H/TOT	196	18	1.5	0	0	0.3	0.4	216.2
18:00	48	6	0	2	0	0	0	56
18:15	39	3	0	0	0	0	0	42
18:30	21	1	0	0	0	0.3	0	22.3
18:45	26	4	0	0	0	0	0	30
H/TOT	134	14	0	2	0	0.3	0	150.3
19:00	33	2	0	2	0	0	0	37
19:15	41	4	0	0	0	0	0.2	45.2
19:30	23	4	0	0	0	0	0	27
19:45	27	0	0	0	0	0	0	27
H/TOT	124	10	0	2	0	0	0.2	136.2
P/TOT	1982	299	55.5	58	3	5.4	2	2404.9





14343 / ABERGELE  
AUGUST 2023  
PCU CONVERSION

SITE: 1

DATE: 09/08/2023

LOCATION: A547 Market Street / A548 Chapel Street

DAY: Wednesday

TIME	CAR	LGV	OGV1	C to A OGV2	PSV	MCL	PCL	TOT
06:00	9	1	1.5	0	0	0	0	11.5
06:15	12	1	0	2	0	0	0	15
06:30	15	4	1.5	0	3	0.6	0.2	24.3
06:45	14	2	0	0	6	0	0	22
H/TOT	50	8	3	2	9	0.6	0.2	72.8
07:00	25	3	0	0	3	0	0	31
07:15	19	6	0	0	6	0.3	0	31.3
07:30	32	8	0	0	0	0	0	40
07:45	38	9	3	0	3	0.3	0	53.3
H/TOT	114	26	3	0	12	0.6	0	155.6
08:00	46	10	0	0	6	0.6	0.2	62.8
08:15	37	12	1.5	0	3	0	0	53.5
08:30	35	5	1.5	0	3	0	0	44.5
08:45	40	12	1.5	0	3	0	0	56.5
H/TOT	158	39	4.5	0	15	0.6	0.2	217.3
09:00	37	4	1.5	4	6	0	0	52.5
09:15	45	7	1.5	2	3	0	0	58.5
09:30	43	6	3	2	6	0.3	0	60.3
09:45	48	4	3	0	6	0	0	61
H/TOT	173	21	9	8	21	0.3	0	232.3
10:00	41	8	1.5	0	6	0.3	0	56.8
10:15	52	4	3	0	6	0.3	0	65.3
10:30	45	3	3	0	3	0.3	0	54.3
10:45	26	4	1.5	0	6	0	0	37.5
H/TOT	164	19	9	0	21	0.9	0	213.9
11:00	43	6	1.5	0	6	0	0.2	56.7
11:15	57	4	1.5	0	3	0	0	65.5
11:30	39	6	3	0	6	0	0	54
11:45	55	9	0	0	6	0	0.2	70.2
H/TOT	194	25	6	0	21	0	0.4	246.4
12:00	56	8	0	0	6	0.3	0	70.3
12:15	44	4	3	0	0	0.3	0	51.3
12:30	50	4	0	4	9	0	0.2	67.2
12:45	58	6	0	0	3	0	0	67
H/TOT	208	22	3	4	18	0.6	0.2	255.8
13:00	55	9	3	0	9	0.9	0	76.9
13:15	46	4	1.5	0	12	0	0	63.5
13:30	64	3	1.5	0	3	0.3	0	71.8
13:45	60	4	1.5	0	3	0.9	0	69.4
H/TOT	225	20	7.5	0	27	2.1	0	281.6
14:00	55	3	0	0	3	0	0	61
14:15	57	10	0	0	9	0	0	76
14:30	48	1	0	0	0	0.6	0.2	49.8
14:45	64	4	1.5	0	0	0.3	0.2	70
H/TOT	224	18	1.5	0	12	0.9	0.4	256.8
15:00	55	4	1.5	0	9	0	0	69.5
15:15	49	3	0	0	3	0	0	55
15:30	57	2	0	0	6	0	0	65
15:45	59	5	1.5	0	3	0	0	68.5
H/TOT	220	14	3	0	21	0	0	258
16:00	51	3	3	0	6	0	0	63
16:15	51	6	0	0	9	1.5	0	67.5
16:30	56	1	0	0	3	0.6	0	60.6
16:45	49	5	0	0	6	1.2	0	61.2
H/TOT	207	15	3	0	24	3.3	0	252.3
17:00	63	5	0	0	9	0.3	0	77.3
17:15	68	4	1.5	0	9	0.3	0	82.8
17:30	47	5	0	0	6	0.3	0	58.3
17:45	68	3	0	0	3	0.9	0	74.9
H/TOT	246	17	1.5	0	27	1.8	0	293.3
18:00	57	5	1.5	0	3	0.9	0.2	67.6
18:15	45	6	0	0	9	0.6	0	60.6
18:30	44	2	0	0	6	0	0.2	52.2
18:45	39	7	0	0	3	0	0	49
H/TOT	185	20	1.5	0	21	1.5	0.4	229.4
19:00	60	3	0	0	3	1.2	0	67.2
19:15	43	6	0	0	6	0	0	55
19:30	30	3	0	0	0	0.3	0	33.3
19:45	36	1	0	0	6	0.3	0.2	43.5
H/TOT	169	13	0	0	15	1.8	0.2	199
P/TOT	2537	277	55.5	14	264	15	2	3164.5





14343 / ABERGELE  
AUGUST 2023  
PCU CONVERSION

SITE: 1

DATE: 09/08/2023

LOCATION: A547 Market Street / A548 Chapel Street

DAY: Wednesday

TIME	CAR	LGV	OGV1	C to B OGV2	PSV	MCL	PCL	TOT
06:00	0	0	0	0	0	0	0	0
06:15	0	0	0	0	0	0	0	0
06:30	2	0	0	0	0	0	0	2
06:45	3	0	0	0	0	0	0	3
H/TOT	5	0	0	0	0	0	0	5
07:00	0	0	0	0	0	0	0	0
07:15	5	0	0	0	0	0	0	5
07:30	3	2	0	0	0	0	0	5
07:45	10	0	0	0	0	0	0	10
H/TOT	18	2	0	0	0	0	0	20
08:00	6	0	0	0	0	0	0	6
08:15	7	2	1.5	0	0	0	0	10.5
08:30	6	0	1.5	0	3	0	0	10.5
08:45	6	0	0	4	0	0	0	10
H/TOT	25	2	3	4	3	0	0	37
09:00	6	0	0	0	3	0.3	0	9.3
09:15	10	3	0	0	0	0	0	13
09:30	7	3	0	2	0	0	0	12
09:45	7	1	0	0	0	0	0	8
H/TOT	30	7	0	2	3	0.3	0	42.3
10:00	7	1	0	0	0	0	0	8
10:15	10	1	1.5	0	0	0.3	0	12.8
10:30	13	3	0	0	0	0	0	16
10:45	8	1	0	0	0	0	0	9
H/TOT	38	6	1.5	0	0	0.3	0	45.8
11:00	7	2	1.5	0	0	0	0	10.5
11:15	8	0	0	0	0	0	0	8
11:30	9	2	0	0	0	0	0	11
11:45	7	0	0	2	0	0	0	9
H/TOT	31	4	1.5	2	0	0	0	38.5
12:00	5	1	0	0	0	0	0	6
12:15	7	2	1.5	0	0	0	0	10.5
12:30	8	0	0	0	0	0	0	8
12:45	6	2	3	0	0	0	0	11
H/TOT	26	5	4.5	0	0	0	0	35.5
13:00	4	1	0	0	0	0	0	5
13:15	9	1	0	0	0	0.3	0	10.3
13:30	7	1	1.5	2	0	0	0	11.5
13:45	6	1	0	0	0	0	0	7
H/TOT	26	4	1.5	2	0	0.3	0	33.8
14:00	8	0	0	2	0	0	0	10
14:15	4	1	0	2	0	0	0	7
14:30	16	1	0	0	0	0	0	17
14:45	9	0	0	0	0	0.3	0	9.3
H/TOT	37	2	0	4	0	0.3	0	43.3
15:00	12	1	1.5	0	0	0	0	14.5
15:15	16	0	0	0	0	0	0	16
15:30	7	2	0	2	0	0	0	11
15:45	8	1	0	0	0	0.6	0	9.6
H/TOT	43	4	1.5	2	0	0.6	0	51.1
16:00	8	1	3	0	0	0	0	12
16:15	13	0	0	0	0	0.3	0	13.3
16:30	12	0	0	2	0	0	0.6	14.6
16:45	13	2	0	0	0	0	0.6	15.6
H/TOT	46	3	3	2	0	0.3	1.2	55.5
17:00	11	0	0	0	0	0	0	11
17:15	12	3	0	0	0	0	0	15
17:30	16	3	0	0	0	0	0	19
17:45	12	0	0	4	0	0	0	16
H/TOT	51	6	0	4	0	0	0	61
18:00	12	0	0	0	0	0	0	12
18:15	7	1	0	2	0	0	0.4	10.4
18:30	18	4	0	0	0	0.3	0	22.3
18:45	6	2	0	0	0	0	0	8
H/TOT	43	7	0	2	0	0.3	0.4	52.7
19:00	6	0	0	0	0	0	0	6
19:15	14	3	0	0	0	0	0.2	17.2
19:30	7	2	0	2	0	0	0	11
19:45	6	1	0	2	0	0	0	9
H/TOT	33	6	0	4	0	0	0.2	43.2
P/TOT	452	58	16.5	28	6	2.4	1.8	564.7





14343 / ABERGELE  
AUGUST 2023  
PCU CONVERSION

SITE: 1

DATE: 09/08/2023

LOCATION: A547 Market Street / A548 Chapel Street

DAY: Wednesday

TIME	TO ARM A							TOT
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	
06:00	20	1	1.5	0	0	0	0	22.5
06:15	21	4	0	2	0	0	0	27
06:30	31	10	1.5	0	3	0.6	0.2	46.3
06:45	27	7	1.5	0	6	0	0	41.5
H/TOT	99	22	4.5	2	9	0.6	0.2	137.3
07:00	48	7	0	0	3	0	0.2	58.2
07:15	42	12	1.5	0	6	0.3	0.2	62
07:30	66	13	0	0	0	0	0	79
07:45	79	19	3	0	3	0.3	0	104.3
H/TOT	235	51	4.5	0	12	0.6	0.4	303.5
08:00	95	20	1.5	2	6	0.6	0.4	125.5
08:15	65	15	3	4	3	0	0	90
08:30	83	7	3	4	3	0	0	100
08:45	75	18	4.5	0	3	0	0	100.5
H/TOT	318	60	12	10	15	0.6	0.4	416
09:00	77	11	1.5	6	6	0	0	101.5
09:15	85	13	3	2	3	0	0.2	106.2
09:30	87	12	6	2	6	0.3	0	113.3
09:45	89	9	3	0	6	0	0	107
H/TOT	338	45	13.5	10	21	0.3	0.2	428
10:00	82	17	4.5	2	6	0.3	0	111.8
10:15	84	8	7.5	2	6	0.3	0	107.8
10:30	87	4	3	2	3	0.3	0	99.3
10:45	51	13	4.5	0	6	0	0	74.5
H/TOT	304	42	19.5	6	21	0.9	0	393.4
11:00	86	13	1.5	2	6	0	0.2	108.7
11:15	101	12	1.5	2	3	0	0	119.5
11:30	80	13	6	2	6	0	0	107
11:45	95	14	1.5	2	6	0	0.2	118.7
H/TOT	362	52	10.5	8	21	0	0.4	453.9
12:00	94	13	1.5	0	6	0.3	0	114.8
12:15	84	12	6	2	0	0.3	0	104.3
12:30	83	10	1.5	6	9	0	0.2	109.7
12:45	92	12	0	2	3	0.6	0	109.6
H/TOT	353	47	9	10	18	1.2	0.2	438.4
13:00	81	17	3	2	9	0.9	0.2	113.1
13:15	89	7	1.5	0	12	0	0	109.5
13:30	94	6	1.5	2	3	0.3	0	106.8
13:45	92	11	1.5	4	3	1.2	0	112.7
H/TOT	356	41	7.5	8	27	2.4	0.2	442.1
14:00	90	9	1.5	0	3	0	0	103.5
14:15	98	20	3	0	9	0	0.2	130.2
14:30	79	7	0	2	3	0.9	0.4	92.3
14:45	99	10	1.5	0	0	0.9	0.2	111.6
H/TOT	366	46	6	2	15	1.8	0.8	437.6
15:00	92	13	1.5	2	9	0	0	117.5
15:15	80	9	4.5	4	3	0.6	0	101.1
15:30	96	11	3	0	6	0.9	0	116.9
15:45	90	8	3	0	3	0	0	104
H/TOT	358	41	12	6	21	1.5	0	439.5
16:00	98	7	3	2	6	0	0	116
16:15	82	13	3	2	9	1.5	0	110.5
16:30	99	8	0	0	3	0.6	0	110.6
16:45	97	9	1.5	2	6	2.7	0	118.2
H/TOT	376	37	7.5	6	24	4.8	0	455.3
17:00	116	10	1.5	0	9	0.6	0.2	137.3
17:15	123	8	1.5	0	9	0.3	0	141.8
17:30	102	9	0	0	6	0.3	0.2	117.5
17:45	101	8	0	0	3	0.9	0	112.9
H/TOT	442	35	3	0	27	2.1	0.4	509.5
18:00	105	11	1.5	2	3	0.9	0.2	123.6
18:15	84	9	0	0	9	0.6	0	102.6
18:30	65	3	0	0	6	0.3	0.2	74.5
18:45	65	11	0	0	3	0	0	79
H/TOT	319	34	1.5	2	21	1.8	0.4	379.7
19:00	93	5	0	2	3	1.2	0	104.2
19:15	84	10	0	0	6	0	0.2	100.2
19:30	53	7	0	0	0	0.3	0	60.3
19:45	63	1	0	0	6	0.3	0.2	70.5
H/TOT	293	23	0	2	15	1.8	0.4	335.2
P/TOT	4519	576	111	72	267	20.4	4	5569.4





14343 / ABERGELE  
AUGUST 2023  
PCU CONVERSION

SITE: 1

DATE: 09/08/2023

LOCATION: A547 Market Street / A548 Chapel Street

DAY: Wednesday

TIME	FROM ARM A							TOT
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	
06:00	9	2	1.5	0	3	0.3	0	15.8
06:15	10	2	1.5	0	3	0	0	16.5
06:30	8	4	4.5	0	3	0.3	0	19.8
06:45	28	5	1.5	4	3	0	0.2	41.7
H/TOT	55	13	9	4	12	0.6	0.2	93.8
07:00	22	3	4.5	0	6	0	0	35.5
07:15	31	5	1.5	0	3	0.3	0	40.8
07:30	47	16	4.5	0	6	0	0	73.5
07:45	77	14	9	2	3	0	0	105
H/TOT	177	38	19.5	2	18	0.3	0	254.8
08:00	75	15	1.5	2	3	0	0.2	96.7
08:15	85	17	1.5	0	6	0	0	109.5
08:30	70	21	4.5	2	9	0	0	106.5
08:45	101	28	6	0	6	0	0	141
H/TOT	331	81	13.5	4	24	0	0.2	453.7
09:00	89	19	1.5	4	3	0.6	0	117.1
09:15	63	15	3	4	6	0.6	0	91.6
09:30	71	20	4.5	0	6	0	0.2	101.7
09:45	92	9	3	2	3	0.3	0.6	109.9
H/TOT	315	63	12	10	18	1.5	0.8	420.3
10:00	78	11	1.5	0	3	0.3	0.2	94
10:15	90	15	7.5	0	12	0.3	0	124.8
10:30	100	7	1.5	0	3	0	0	111.5
10:45	94	7	0	2	9	0.3	0	112.3
H/TOT	362	40	10.5	2	27	0.9	0.2	442.6
11:00	90	11	3	4	0	0.3	0	108.3
11:15	100	13	6	2	9	0.6	0	130.6
11:30	97	21	3	2	6	0	0	129
11:45	79	13	3	0	3	0.6	0	98.6
H/TOT	366	58	15	8	18	1.5	0	466.5
12:00	86	18	1.5	4	12	0.3	0	121.8
12:15	113	8	0	2	3	0.3	0	126.3
12:30	104	12	1.5	0	3	0.3	0	120.8
12:45	89	11	1.5	2	6	0.6	0	110.1
H/TOT	392	49	4.5	8	24	1.5	0	479
13:00	91	16	1.5	0	9	1.2	0	118.7
13:15	81	8	4.5	6	6	0.3	0	105.8
13:30	87	9	3	2	0	0.3	0.4	101.7
13:45	90	11	0	0	6	0	0	107
H/TOT	349	44	9	8	21	1.8	0.4	433.2
14:00	102	3	1.5	6	9	0	0	121.5
14:15	81	15	1.5	2	0	0.9	0	100.4
14:30	83	11	3	2	9	0	0	108
14:45	83	11	1.5	0	12	0.6	0	108.1
H/TOT	349	40	7.5	10	30	1.5	0	438
15:00	101	8	3	2	3	0.6	0	117.6
15:15	100	14	3	0	6	0.9	0.4	124.3
15:30	89	10	1.5	2	6	0.9	0	109.4
15:45	103	16	1.5	2	0	0.6	0	123.1
H/TOT	393	48	9	6	15	3	0.4	474.4
16:00	82	10	0	0	3	1.5	0.2	96.7
16:15	102	13	0	0	9	0	0	124
16:30	106	12	1.5	0	6	0.6	0	126.1
16:45	96	13	0	2	0	0.3	0	111.3
H/TOT	386	48	1.5	2	18	2.4	0.2	458.1
17:00	109	12	0	2	3	0	0	126
17:15	116	7	1.5	2	12	0	0	138.5
17:30	120	10	0	0	0	0.9	0.2	131.1
17:45	102	10	0	2	6	3.6	0	123.6
H/TOT	447	39	1.5	6	21	4.5	0.2	519.2
18:00	103	9	0	0	6	0.3	0	118.3
18:15	94	9	0	0	0	0.6	0	103.6
18:30	91	4	1.5	2	6	0.9	0	105.4
18:45	76	3	0	0	0	0.3	0	79.3
H/TOT	364	25	1.5	2	12	2.1	0	406.6
19:00	96	6	0	0	3	0.6	0	105.6
19:15	79	3	0	0	3	0	0	85
19:30	73	6	0	0	3	0.6	0	82.6
19:45	58	1	0	0	3	0	0.4	62.4
H/TOT	306	16	0	0	12	1.2	0.4	335.6
P/TOT	4592	602	114	72	270	22.8	3	5675.8





14343 / ABERGELE  
AUGUST 2023  
PCU CONVERSION

SITE: 1

DATE: 09/08/2023

LOCATION: A547 Market Street / A548 Chapel Street

DAY: Wednesday

TIME	TO ARM B							TOT
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	
06:00	3	2	0	0	0	0.3	0	5.3
06:15	3	1	1.5	0	0	0	0	5.5
06:30	6	2	1.5	0	0	0	0	9.5
06:45	13	2	0	2	0	0	0	17
H/TOT	25	7	3	2	0	0.3	0	37.3
07:00	15	0	0	0	0	0	0	15
07:15	26	5	0	0	0	0	0	31
07:30	32	9	3	0	0	0	0	44
07:45	49	8	4.5	2	0	0	0	63.5
H/TOT	122	22	7.5	2	0	0	0	153.5
08:00	46	6	0	2	0	0	0	54
08:15	62	9	3	0	0	0	0	74
08:30	43	15	3	2	3	0	0	66
08:45	55	16	1.5	4	0	0	0	76.5
H/TOT	206	46	7.5	8	3	0	0	270.5
09:00	47	15	1.5	2	3	0.3	0	68.8
09:15	33	12	0	4	0	0.6	0	49.6
09:30	40	16	1.5	2	0	0	0	59.5
09:45	52	5	3	2	0	0	0	62
H/TOT	172	48	6	10	3	0.9	0	239.9
10:00	34	5	0	0	0	0	0	39
10:15	47	7	7.5	0	3	0.3	0	64.8
10:30	45	8	1.5	0	0	0	0	54.5
10:45	42	5	0	2	0	0	0	49
H/TOT	168	25	9	2	3	0.3	0	207.3
11:00	37	8	3	4	0	0.3	0	52.3
11:15	41	8	3	2	0	0	0	54
11:30	50	14	1.5	2	0	0	0	67.5
11:45	40	5	1.5	2	0	0.3	0	48.8
H/TOT	168	35	9	10	0	0.6	0	222.6
12:00	28	8	1.5	4	3	0	0	44.5
12:15	47	5	1.5	2	0	0.3	0	55.8
12:30	53	6	0	0	0	0	0	59
12:45	38	8	3	2	0	0.3	0	51.3
H/TOT	166	27	6	8	3	0.6	0	210.6
13:00	35	9	1.5	0	0	0	0	45.5
13:15	41	5	1.5	2	0	0.3	0	49.8
13:30	40	6	3	4	0	0	0.2	53.2
13:45	42	9	0	0	0	0	0	51
H/TOT	158	29	6	6	0	0.3	0.2	199.5
14:00	49	3	0	8	0	0	0	60
14:15	36	7	1.5	4	0	0	0	48.5
14:30	48	4	1.5	2	0	0	0	55.5
14:45	45	8	1.5	0	3	0.9	0	58.4
H/TOT	178	22	4.5	14	3	0.9	0	222.4
15:00	52	3	3	2	0	0.3	0	60.3
15:15	56	4	1.5	0	0	0	0.2	61.7
15:30	46	6	0	4	0	0.9	0	56.9
15:45	46	7	1.5	2	0	0.6	0	57.1
H/TOT	200	20	6	8	0	1.8	0.2	236
16:00	44	7	3	0	0	0.9	0.2	55.1
16:15	47	6	0	0	0	0.3	0	53.3
16:30	59	7	1.5	2	0	0	0.6	70.1
16:45	53	10	0	2	0	0	0.6	65.6
H/TOT	203	30	4.5	4	0	1.2	1.4	244.1
17:00	66	8	0	2	0	0	0	76
17:15	61	9	0	2	0	0	0	72
17:30	80	10	0	0	0	0.9	0.2	91.1
17:45	57	5	0	4	0	2.7	0	68.7
H/TOT	264	32	0	8	0	3.6	0.2	307.8
18:00	50	2	0	0	0	0.3	0	52.3
18:15	45	5	0	2	0	0.3	0.4	52.7
18:30	58	6	1.5	2	0	0.3	0	67.8
18:45	40	4	0	0	0	0.3	0	44.3
H/TOT	193	17	1.5	4	0	1.2	0.4	217.1
19:00	42	2	0	0	0	0	0	44
19:15	55	6	0	0	0	0	0.2	61.2
19:30	39	6	0	2	0	0.3	0	47.3
19:45	37	1	0	2	0	0	0	40
H/TOT	173	15	0	4	0	0.3	0.2	192.5
P/TOT	2396	375	70.5	90	15	12	2.6	2961.1





14343 / ABERGELE  
AUGUST 2023  
PCU CONVERSION

SITE: 1

DATE: 09/08/2023

LOCATION: A547 Market Street / A548 Chapel Street

DAY: Wednesday

TIME	FROM ARM B							TOT
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	
06:00	11	0	0	0	0	0	0	11
06:15	10	3	0	0	0	0	0	13
06:30	17	6	0	0	0	0	0	23
06:45	14	5	1.5	0	0	0	0	20.5
H/TOT	52	14	1.5	0	0	0	0	67.5
07:00	25	4	0	0	0	0	0.2	29.2
07:15	27	7	1.5	0	0	0	0.2	35.7
07:30	38	6	0	0	0	0	0	44
07:45	48	10	0	0	0	0.3	0	58.3
H/TOT	138	27	1.5	0	0	0.3	0.4	167.2
08:00	54	11	1.5	2	0	0	0.2	68.7
08:15	34	3	1.5	4	3	0	0	45.5
08:30	63	3	3	4	0	0	0.2	73.2
08:45	46	7	4.5	0	0	0	0	57.5
H/TOT	197	24	10.5	10	3	0	0.4	244.9
09:00	52	9	0	4	0	0	0	65
09:15	46	6	1.5	0	0	0	0.2	53.7
09:30	52	6	3	0	0	0	0	61
09:45	52	9	1.5	0	3	0	0	65.5
H/TOT	202	30	6	4	3	0	0.2	245.2
10:00	55	9	3	2	0	0	0	69
10:15	43	5	6	2	0	0	0	56
10:30	55	1	0	2	3	0	0	61
10:45	43	12	4.5	0	0	0	0	59.5
H/TOT	196	27	13.5	6	3	0	0	245.5
11:00	63	8	0	2	3	0	0	76
11:15	54	10	1.5	2	0	0	0	67.5
11:30	51	8	4.5	2	0	0.3	0	65.8
11:45	52	6	3	2	0	0	0	63
H/TOT	220	32	9	8	3	0.3	0	272.3
12:00	52	6	1.5	0	3	0	0	62.5
12:15	56	11	3	2	3	0	0	75
12:30	42	7	1.5	4	0	0	0	54.5
12:45	43	7	0	2	0	0.6	0	52.6
H/TOT	193	31	6	8	6	0.6	0	244.6
13:00	43	10	0	2	0	0	0.2	55.2
13:15	59	3	0	0	0	0	0	62
13:30	36	4	0	2	0	0	0	42
13:45	44	8	1.5	4	0	0.3	0	57.8
H/TOT	182	25	1.5	8	0	0.3	0.2	217
14:00	45	9	1.5	0	0	0	0	55.5
14:15	52	10	3	0	0	0	0.2	65.2
14:30	46	9	0	4	6	0.3	0.2	65.5
14:45	47	7	1.5	0	0	0.6	0	56.1
H/TOT	190	35	6	4	6	0.9	0.4	242.3
15:00	55	12	1.5	2	3	0	0	73.5
15:15	38	8	4.5	6	0	0.6	0	57.1
15:30	49	11	3	0	0	0.9	0	63.9
15:45	47	4	1.5	0	0	0	0	52.5
H/TOT	189	35	10.5	8	3	1.5	0	247
16:00	58	7	0	2	0	0	0	67
16:15	47	8	3	4	0	0	0	62
16:30	48	9	0	0	0	0	0	57
16:45	56	6	1.5	2	3	1.5	0	70
H/TOT	209	30	4.5	8	3	1.5	0	256
17:00	65	7	1.5	2	3	0.3	0.2	79
17:15	65	5	0	0	0	0	0	70
17:30	69	5	0	0	0	0	0.2	74.2
17:45	55	6	0	0	0	0	0	61
H/TOT	254	23	1.5	2	3	0.3	0.4	284.2
18:00	63	6	0	2	0	0	0	71
18:15	48	3	0	2	0	0	0	53
18:30	27	2	1.5	2	0	0.3	0	32.8
18:45	42	6	0	0	0	0	0	48
H/TOT	180	17	1.5	6	0	0.3	0	204.8
19:00	44	3	0	2	0	0	0	49
19:15	50	4	0	0	0	0	0.2	54.2
19:30	32	4	0	0	0	0	0	36
19:45	34	0	0	0	0	0	0.2	34.2
H/TOT	160	11	0	2	0	0	0.4	173.4
P/TOT	2562	361	73.5	74	33	6	2.4	3111.9





14343 / ABERGELE  
AUGUST 2023  
PCU CONVERSION

SITE: 1

DATE: 09/08/2023

LOCATION: A547 Market Street / A548 Chapel Street

DAY: Wednesday

TIME	TO ARM C							TOT
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	
06:00	6	0	1.5	0	3	0	0	10.5
06:15	8	1	0	0	3	0	0	12
06:30	5	2	3	0	3	0.3	0	13.3
06:45	19	3	1.5	2	3	0	0.2	28.7
H/TOT	38	6	6	2	12	0.3	0.2	64.5
07:00	9	3	4.5	0	6	0	0	22.5
07:15	14	1	1.5	0	3	0.3	0	19.8
07:30	22	10	1.5	0	6	0	0	39.5
07:45	45	6	4.5	0	3	0.3	0	58.8
H/TOT	90	20	12	0	18	0.6	0	140.6
08:00	40	10	1.5	0	3	0	0.2	54.7
08:15	36	10	0	0	9	0	0	55
08:30	48	7	4.5	0	9	0	0.2	68.7
08:45	63	13	6	0	6	0	0	88
H/TOT	187	40	12	0	27	0	0.4	266.4
09:00	60	6	0	4	3	0.6	0	73.6
09:15	46	6	3	0	6	0	0	61
09:30	46	7	3	0	6	0	0.2	62.2
09:45	58	9	1.5	0	6	0.3	0.6	75.4
H/TOT	210	28	7.5	4	21	0.9	0.8	272.2
10:00	65	7	1.5	0	3	0.3	0.2	77
10:15	64	10	3	0	9	0.3	0	86.3
10:30	81	2	0	0	6	0	0	89
10:45	78	6	1.5	0	9	0.3	0	94.8
H/TOT	288	25	6	0	27	0.9	0.2	347.1
11:00	80	6	1.5	0	3	0	0	90.5
11:15	77	7	4.5	0	9	0.6	0	98.1
11:30	66	10	3	0	6	0.3	0	85.3
11:45	58	9	3	0	3	0.3	0	73.3
H/TOT	281	32	12	0	21	1.2	0	347.2
12:00	77	12	0	0	12	0.3	0	101.3
12:15	89	8	0	0	6	0	0	103
12:30	68	7	1.5	2	3	0.3	0	81.8
12:45	66	6	1.5	0	6	0.3	0	79.8
H/TOT	300	33	3	2	27	0.9	0	365.9
13:00	77	10	0	0	9	1.2	0	97.2
13:15	65	4	3	4	6	0.3	0	82.3
13:30	60	5	1.5	0	0	0.3	0.2	67
13:45	66	4	1.5	0	6	0	0	77.5
H/TOT	268	23	6	4	21	1.8	0.2	324
14:00	71	3	1.5	0	9	0	0	84.5
14:15	60	9	0	0	0	0.9	0	69.9
14:30	66	11	1.5	2	12	0	0	92.5
14:45	59	4	1.5	0	9	0	0	73.5
H/TOT	256	27	4.5	2	30	0.9	0	320.4
15:00	79	9	3	0	6	0.3	0	97.3
15:15	67	12	1.5	2	6	0.9	0.2	89.6
15:30	60	8	1.5	0	6	0	0	75.5
15:45	81	11	0	0	0	0.6	0	92.6
H/TOT	287	40	6	2	18	1.8	0.2	355
16:00	57	7	0	0	3	0.6	0	67.6
16:15	84	8	0	2	9	0	0	103
16:30	64	7	0	0	6	0.6	0	77.6
16:45	64	7	0	0	3	0.3	0	74.3
H/TOT	269	29	0	2	21	1.5	0	322.5
17:00	66	6	0	2	6	0	0	80
17:15	77	2	1.5	0	12	0	0	92.5
17:30	70	4	0	0	0	0	0	74
17:45	79	6	0	2	6	0.9	0	93.9
H/TOT	292	18	1.5	4	24	0.9	0	340.4
18:00	80	7	0	0	6	0	0	93
18:15	65	5	0	2	0	0.3	0	72.3
18:30	57	3	1.5	2	6	0.9	0	70.4
18:45	58	3	0	0	0	0	0	61
H/TOT	260	18	1.5	4	12	1.2	0	296.7
19:00	71	5	0	0	3	0.6	0	79.6
19:15	47	0	0	0	3	0	0	50
19:30	50	2	0	0	3	0.3	0	55.3
19:45	34	1	0	0	3	0	0.6	38.6
H/TOT	202	8	0	0	12	0.9	0.6	223.5
P/TOT	3228	347	78	26	291	13.8	2.6	3986.4





14343 / ABERGELE  
AUGUST 2023  
PCU CONVERSION

SITE: 1

DATE: 09/08/2023

LOCATION: A547 Market Street / A548 Chapel Street

DAY: Wednesday

TIME	FROM ARM C							TOT
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	
06:00	9	1	1.5	0	0	0	0	11.5
06:15	12	1	0	2	0	0	0	15
06:30	17	4	1.5	0	3	0.6	0.2	26.3
06:45	17	2	0	0	6	0	0	25
H/TOT	55	8	3	2	9	0.6	0.2	77.8
07:00	25	3	0	0	3	0	0	31
07:15	24	6	0	0	6	0.3	0	36.3
07:30	35	10	0	0	0	0	0	45
07:45	48	9	3	0	3	0.3	0	63.3
H/TOT	132	28	3	0	12	0.6	0	175.6
08:00	52	10	0	0	6	0.6	0.2	68.8
08:15	44	14	3	0	3	0	0	64
08:30	41	5	3	0	6	0	0	55
08:45	46	12	1.5	4	3	0	0	66.5
H/TOT	183	41	7.5	4	18	0.6	0.2	254.3
09:00	43	4	1.5	4	9	0.3	0	61.8
09:15	55	10	1.5	2	3	0	0	71.5
09:30	50	9	3	4	6	0.3	0	72.3
09:45	55	5	3	0	6	0	0	69
H/TOT	203	28	9	10	24	0.6	0	274.6
10:00	48	9	1.5	0	6	0.3	0	64.8
10:15	62	5	4.5	0	6	0.6	0	78.1
10:30	58	6	3	0	3	0.3	0	70.3
10:45	34	5	1.5	0	6	0	0	46.5
H/TOT	202	25	10.5	0	21	1.2	0	259.7
11:00	50	8	3	0	6	0	0.2	67.2
11:15	65	4	1.5	0	3	0	0	73.5
11:30	48	8	3	0	6	0	0	65
11:45	62	9	0	2	6	0	0.2	79.2
H/TOT	225	29	7.5	2	21	0	0.4	284.9
12:00	61	9	0	0	6	0.3	0	76.3
12:15	51	6	4.5	0	0	0.3	0	61.8
12:30	58	4	0	4	9	0	0.2	75.2
12:45	64	8	3	0	3	0	0	78
H/TOT	234	27	7.5	4	18	0.6	0.2	291.3
13:00	59	10	3	0	9	0.9	0	81.9
13:15	55	5	1.5	0	12	0.3	0	73.8
13:30	71	4	3	2	3	0.3	0	83.3
13:45	66	5	1.5	0	3	0.9	0	76.4
H/TOT	251	24	9	2	27	2.4	0	315.4
14:00	63	3	0	2	3	0	0	71
14:15	61	11	0	2	9	0	0	83
14:30	64	2	0	0	0	0.6	0.2	66.8
14:45	73	4	1.5	0	0	0.6	0.2	79.3
H/TOT	261	20	1.5	4	12	1.2	0.4	300.1
15:00	67	5	3	0	9	0	0	84
15:15	65	3	0	0	3	0	0	71
15:30	64	4	0	2	6	0	0	76
15:45	67	6	1.5	0	3	0.6	0	78.1
H/TOT	263	18	4.5	2	21	0.6	0	309.1
16:00	59	4	6	0	6	0	0	75
16:15	64	6	0	0	9	1.8	0	80.8
16:30	68	1	0	2	3	0.6	0.6	75.2
16:45	62	7	0	0	6	1.2	0.6	76.8
H/TOT	253	18	6	2	24	3.6	1.2	307.8
17:00	74	5	0	0	9	0.3	0	88.3
17:15	80	7	1.5	0	9	0.3	0	97.8
17:30	63	8	0	0	6	0.3	0	77.3
17:45	80	3	0	4	3	0.9	0	90.9
H/TOT	297	23	1.5	4	27	1.8	0	354.3
18:00	69	5	1.5	0	3	0.9	0.2	79.6
18:15	52	7	0	2	9	0.6	0.4	71
18:30	62	6	0	0	6	0.3	0.2	74.5
18:45	45	9	0	0	3	0	0	57
H/TOT	228	27	1.5	2	21	1.8	0.8	282.1
19:00	66	3	0	0	3	1.2	0	73.2
19:15	57	9	0	0	6	0	0.2	72.2
19:30	37	5	0	2	0	0.3	0	44.3
19:45	42	2	0	2	6	0.3	0.2	52.5
H/TOT	202	19	0	4	15	1.8	0.4	242.2
P/TOT	2989	335	72	42	270	17.4	3.8	3729.2





14343 / ABERGELE  
AUGUST 2023  
PCU CONVERSION

SITE: 1

DATE: 09/08/2023

LOCATION: A547 Market Street / A548 Chapel Street

DAY: Wednesday

TIME	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
06:00	29	3	3	0	3	0.3	0	38.3
06:15	32	6	1.5	2	3	0	0	44.5
06:30	42	14	6	0	6	0.9	0.2	69.1
06:45	59	12	3	4	9	0	0.2	87.2
H/TOT	162	35	13.5	6	21	1.2	0.4	239.1
07:00	72	10	4.5	0	9	0	0.2	95.7
07:15	82	18	3	0	9	0.6	0.2	112.8
07:30	120	32	4.5	0	6	0	0	162.5
07:45	173	33	12	2	6	0.6	0	226.6
H/TOT	447	93	24	2	30	1.2	0.4	597.6
08:00	181	36	3	4	9	0.6	0.6	234.2
08:15	163	34	6	4	12	0	0	219
08:30	174	29	10.5	6	15	0	0.2	234.7
08:45	193	47	12	4	9	0	0	265
H/TOT	711	146	31.5	18	45	0.6	0.8	952.9
09:00	184	32	3	12	12	0.9	0	243.9
09:15	164	31	6	6	9	0.6	0.2	216.8
09:30	173	35	10.5	4	12	0.3	0.2	235
09:45	199	23	7.5	2	12	0.3	0.6	244.4
H/TOT	720	121	27	24	45	2.1	1	940.1
10:00	181	29	6	2	9	0.6	0.2	227.8
10:15	195	25	18	2	18	0.9	0	258.9
10:30	213	14	4.5	2	9	0.3	0	242.8
10:45	171	24	6	2	15	0.3	0	218.3
H/TOT	760	92	34.5	8	51	2.1	0.2	947.8
11:00	203	27	6	6	9	0.3	0.2	251.5
11:15	219	27	9	4	12	0.6	0	271.6
11:30	196	37	10.5	4	12	0.3	0	259.8
11:45	193	28	6	4	9	0.6	0.2	240.8
H/TOT	811	119	31.5	18	42	1.8	0.4	1024
12:00	199	33	3	4	21	0.6	0	260.6
12:15	220	25	7.5	4	6	0.6	0	263.1
12:30	204	23	3	8	12	0.3	0.2	250.5
12:45	196	26	4.5	4	9	1.2	0	240.7
H/TOT	819	107	18	20	48	2.7	0.2	1015
13:00	193	36	4.5	2	18	2.1	0.2	255.8
13:15	195	16	6	6	18	0.6	0	241.6
13:30	194	17	6	6	3	0.6	0.4	227
13:45	200	24	3	4	9	1.2	0	241.2
H/TOT	782	93	19.5	18	48	4.5	0.6	965.6
14:00	210	15	3	8	12	0	0	248
14:15	194	36	4.5	4	9	0.9	0.2	248.6
14:30	193	22	3	6	15	0.9	0.4	240.3
14:45	203	22	4.5	0	12	1.8	0.2	243.5
H/TOT	800	95	15	18	48	3.6	0.8	980.4
15:00	223	25	7.5	4	15	0.6	0	275.1
15:15	203	25	7.5	6	9	1.5	0.4	252.4
15:30	202	25	4.5	4	12	1.8	0	249.3
15:45	217	26	4.5	2	3	1.2	0	253.7
H/TOT	845	101	24	16	39	5.1	0.4	1031
16:00	199	21	6	2	9	1.5	0.2	238.7
16:15	213	27	3	4	18	1.8	0	266.8
16:30	222	22	1.5	2	9	1.2	0.6	258.3
16:45	214	26	1.5	4	9	3	0.6	258.1
H/TOT	848	96	12	12	45	7.5	1.4	1022
17:00	248	24	1.5	4	15	0.6	0.2	293.3
17:15	261	19	3	2	21	0.3	0	306.3
17:30	252	23	0	0	6	1.2	0.4	282.6
17:45	237	19	0	6	9	4.5	0	275.5
H/TOT	998	85	4.5	12	51	6.6	0.6	1158
18:00	235	20	1.5	2	9	1.2	0.2	268.9
18:15	194	19	0	4	9	1.2	0.4	227.6
18:30	180	12	3	4	12	1.5	0.2	212.7
18:45	163	18	0	0	3	0.3	0	184.3
H/TOT	772	69	4.5	10	33	4.2	0.8	893.5
19:00	206	12	0	2	6	1.8	0	227.8
19:15	186	16	0	0	9	0	0.4	211.4
19:30	142	15	0	2	3	0.9	0	162.9
19:45	134	3	0	2	9	0.3	0.8	149.1
H/TOT	668	46	0	6	27	3	1.2	751.2
P/TOT	10143	1298	259.5	188	573	46.2	9.2	12517

PEAK HOUR CALCULATION	TOT
06:00 to 07:00	239.1
06:15 to 07:15	296.5
06:30 to 07:30	364.8
06:45 to 07:45	458.2
07:00 to 08:00	597.6
07:15 to 08:15	736.1
07:30 to 08:30	842.3
07:45 to 08:45	914.5
08:00 to 09:00	952.9
08:15 to 09:15	962.6
08:30 to 09:30	960.4
08:45 to 09:45	960.7
09:00 to 10:00	940.1
09:15 to 10:15	924
09:30 to 10:30	966.1
09:45 to 10:45	973.9
A.M. Peak	962.6
10:00 to 11:00	947.8
10:15 to 11:15	971.5
10:30 to 11:30	984.2
10:45 to 11:45	1001.2
11:00 to 12:00	1023.7
11:15 to 12:15	1032.8
11:30 to 12:30	1024.3
11:45 to 12:45	1015
12:00 to 13:00	1014.9
12:15 to 13:15	1010.1
12:30 to 13:30	988.6
12:45 to 13:45	965.1
13:00 to 14:00	965.6
13:15 to 14:15	957.8
13:30 to 14:30	964.8
13:45 to 14:45	978.1
14:00 to 15:00	980.4
14:15 to 15:15	1007.5
14:30 to 15:30	1011.3
14:45 to 15:45	1020.3
15:00 to 16:00	1030.5
15:15 to 16:15	994.1
15:30 to 16:30	1008.5
15:45 to 16:45	1017.5
Inter Peak	1030.5
16:00 to 17:00	1021.9
16:15 to 17:15	1076.5
16:30 to 17:30	1116
16:45 to 17:45	1140.3
17:00 to 18:00	1157.7
17:15 to 18:15	1133.3
17:30 to 18:30	1054.6
17:45 to 18:45	984.7
18:00 to 19:00	893.5
18:15 to 19:15	852.4
18:30 to 19:30	836.2
18:45 to 19:45	786.4
19:00 to 20:00	751.2
P.M. Peak	1157.7





14343 / ABERGELE  
AUGUST 2023  
PCU CONVERSION

SITE: 2

DATE: 09/08/2023

LOCATION: A547 Market Street / A548 Water Street

DAY: Wednesday

TIME	CAR	LGV	OGV1	A to B OGV2	PSV	MCL	PCL	TOT
06:00	1	1	0	0	0	0	0	2
06:15	0	2	0	0	0	0	0	2
06:30	5	2	0	0	0	0	0	7
06:45	7	0	0	0	0	0	0	7
H/TOT	13	5	0	0	0	0	0	18
07:00	6	1	0	0	0	0	0	7
07:15	3	1	0	0	0	0	0	4
07:30	6	0	1.5	0	0	0	0.2	7.7
07:45	10	2	0	0	0	0	0	12
H/TOT	25	4	1.5	0	0	0	0.2	30.7
08:00	3	1	0	0	0	0	0	4
08:15	9	1	0	0	0	0	0	10
08:30	10	1	0	0	0	0	0	11
08:45	7	4	1.5	2	0	0	0	14.5
H/TOT	29	7	1.5	2	0	0	0	39.5
09:00	7	3	1.5	2	0	0	0	13.5
09:15	11	1	0	2	3	0	0	17
09:30	5	5	0	0	0	0	0.2	10.2
09:45	10	0	1.5	0	0	0	0	11.5
H/TOT	33	9	3	4	3	0	0.2	52.2
10:00	9	4	0	0	3	0	0	16
10:15	18	0	0	0	0	0.6	0	18.6
10:30	6	4	1.5	0	0	0	0	11.5
10:45	12	1	0	0	0	0.3	0	13.3
H/TOT	45	9	1.5	0	3	0.9	0	59.4
11:00	17	1	0	0	0	0	0	18
11:15	15	5	1.5	0	0	0	0	21.5
11:30	13	5	3	0	0	0	0	21
11:45	22	2	0	0	0	0	0	24
H/TOT	67	13	4.5	0	0	0	0	84.5
12:00	12	2	0	0	0	0	0	14
12:15	16	3	0	0	0	0	0	19
12:30	21	2	0	0	0	0	0.2	23.2
12:45	28	3	0	0	0	0	0	31
H/TOT	77	10	0	0	0	0	0.2	87.2
13:00	13	1	0	0	0	0	0	14
13:15	16	1	0	0	0	0	0	17
13:30	16	1	1.5	0	0	0	0	18.5
13:45	10	2	0	2	0	0	0	14
H/TOT	55	5	1.5	2	0	0	0	63.5
14:00	18	4	1.5	0	0	0	0	23.5
14:15	14	0	1.5	0	0	0	0	15.5
14:30	20	1	1.5	0	0	0	0	22.5
14:45	15	2	1.5	0	0	0	0	18.5
H/TOT	67	7	6	0	0	0	0	80
15:00	12	2	1.5	0	0	0.3	0	15.8
15:15	15	2	1.5	0	0	0.3	0	18.8
15:30	28	2	1.5	0	0	0.3	0	31.8
15:45	18	1	0	0	0	0	0	19
H/TOT	73	7	4.5	0	0	0.9	0	85.4
16:00	22	0	0	0	0	0.3	0	22.3
16:15	23	2	0	0	0	0	0	25
16:30	19	0	1.5	0	0	0	0	20.5
16:45	14	5	0	0	0	0.3	0	19.3
H/TOT	78	7	1.5	0	0	0.6	0	87.1
17:00	18	1	0	0	3	0	0	22
17:15	19	0	0	0	0	0	0	19
17:30	20	1	0	0	0	0	0	21
17:45	19	1	0	0	0	0	0.2	20.2
H/TOT	76	3	0	0	3	0	0.2	82.2
18:00	17	0	0	0	0	0.3	0.2	17.5
18:15	17	1	0	0	0	0	0	18
18:30	13	2	0	0	0	0.3	0	15.3
18:45	8	0	0	0	0	0	0	8
H/TOT	55	3	0	0	0	0.6	0.2	58.8
19:00	17	1	0	0	0	0	0	18
19:15	17	3	1.5	0	0	0	0	21.5
19:30	12	0	0	0	0	0	0	12
19:45	14	0	0	0	0	0	0	14
H/TOT	60	4	1.5	0	0	0	0	65.5
P/TOT	753	93	27	8	9	3	1	894





14343 / ABERGELE  
AUGUST 2023  
PCU CONVERSION

SITE: 2

DATE: 09/08/2023

LOCATION: A547 Market Street / A548 Water Street

DAY: Wednesday

TIME	CAR	LGV	OGV1	A to C OGV2	PSV	MCL	PCL	TOT
06:00	1	0	1.5	0	3	0	0	5.5
06:15	1	1	0	0	3	0	0	5
06:30	1	2	3	0	3	0	0	9
06:45	4	2	0	0	3	0	0	9
H/TOT	7	5	4.5	0	12	0	0	28.5
07:00	9	2	1.5	0	6	0	0	18.5
07:15	9	1	0	0	3	0	0	13
07:30	17	8	1.5	0	3	0	0	29.5
07:45	20	5	1.5	0	3	0	0	29.5
H/TOT	55	16	4.5	0	15	0	0	90.5
08:00	22	5	1.5	0	3	0	0	31.5
08:15	27	6	1.5	0	3	0	0	37.5
08:30	21	8	1.5	0	9	0	0	39.5
08:45	35	6	0	0	3	0	0	44
H/TOT	105	25	4.5	0	18	0	0	152.5
09:00	27	5	0	0	3	0.6	0	35.6
09:15	20	5	1.5	0	6	0	0	32.5
09:30	30	6	1.5	0	3	0	0.2	40.7
09:45	31	3	1.5	0	3	0	0.6	39.1
H/TOT	108	19	4.5	0	15	0.6	0.8	147.9
10:00	30	6	1.5	0	3	0	0.2	40.7
10:15	26	5	0	0	9	0	0	40
10:30	39	3	0	0	3	0	0	45
10:45	34	1	0	0	9	0	0	44
H/TOT	129	15	1.5	0	24	0	0.2	169.7
11:00	22	3	3	2	0	0.3	0	30.3
11:15	39	6	3	2	6	0.6	0	56.6
11:30	34	12	1.5	0	6	0	0	53.5
11:45	27	6	0	0	3	0.3	0	36.3
H/TOT	122	27	7.5	4	15	1.2	0	176.7
12:00	31	6	0	2	9	0	0	48
12:15	43	4	0	0	3	0	0	50
12:30	42	4	0	0	6	0.3	0	52.3
12:45	31	5	0	0	0	0	0	36
H/TOT	147	19	0	2	18	0.3	0	186.3
13:00	36	2	1.5	0	3	0.9	0	43.4
13:15	29	4	1.5	0	6	0	0	40.5
13:30	23	2	0	0	0	0	0.4	25.4
13:45	39	2	0	0	6	0	0	47
H/TOT	127	10	3	0	15	0.9	0.4	156.3
14:00	38	2	0	0	6	0	0	46
14:15	30	3	0	0	0	0.6	0	33.6
14:30	29	2	0	0	6	0	0	37
14:45	23	4	0	0	12	0.3	0	39.3
H/TOT	120	11	0	0	24	0.9	0	155.9
15:00	33	2	3	0	3	0	0	41
15:15	36	6	1.5	0	3	0.3	0.2	47
15:30	40	4	0	0	6	0	0	50
15:45	38	2	3	0	0	0	0	43
H/TOT	147	14	7.5	0	12	0.3	0.2	181
16:00	35	5	0	0	0	0.9	0	40.9
16:15	37	3	0	0	6	0	0	46
16:30	38	3	0	0	6	0	0	47
16:45	36	2	0	0	0	0	0	38
H/TOT	146	13	0	0	12	0.9	0	171.9
17:00	34	3	0	0	3	0	0	40
17:15	38	0	0	0	9	0	0	47
17:30	38	2	0	0	0	2.7	0.2	42.9
17:45	30	4	0	0	6	0.6	0	40.6
H/TOT	140	9	0	0	18	3.3	0.2	170.5
18:00	32	2	0	0	3	0	0	37
18:15	27	4	0	0	0	0	0	31
18:30	30	3	0	0	3	0.3	0	36.3
18:45	22	0	0	0	0	0.3	0	22.3
H/TOT	111	9	0	0	6	0.6	0	126.6
19:00	32	2	0	0	3	0.6	0	37.6
19:15	23	1	0	0	3	0	0	27
19:30	24	0	0	0	0	0.3	0	24.3
19:45	21	1	0	0	3	0	0	25
H/TOT	100	4	0	0	9	0.9	0	113.9
P/TOT	1564	196	37.5	6	213	9.9	1.8	2028.2





14343 / ABERGELE  
AUGUST 2023  
PCU CONVERSION

SITE: 2

DATE: 09/08/2023

LOCATION: A547 Market Street / A548 Water Street

DAY: Wednesday

TIME	CAR	LGV	OGV1	B to C OGV2	PSV	MCL	PCL	TOT
06:00	8	1	0	0	0	0.3	0	9.3
06:15	8	1	1.5	0	0	0	0	10.5
06:30	6	2	1.5	0	0	0.3	0	9.8
06:45	22	3	1.5	4	0	0	0.2	30.7
H/TOT	44	7	4.5	4	0	0.6	0.2	60.3
07:00	16	2	3	0	0	0.3	0	21.3
07:15	19	3	1.5	0	0	0	0	23.5
07:30	31	8	3	0	3	0	0	45
07:45	59	11	7.5	2	0	0	0	79.5
H/TOT	125	24	15	2	3	0.3	0	169.3
08:00	54	8	0	2	0	0	0.2	64.2
08:15	56	11	0	0	3	0	0	70
08:30	51	14	3	2	0	0	0	70
08:45	66	21	6	0	3	0	0	96
H/TOT	227	54	9	4	6	0	0.2	300.2
09:00	56	14	1.5	4	0	0	0	75.5
09:15	46	11	1.5	4	0	0.6	0	63.1
09:30	46	12	3	0	3	0	0	64
09:45	56	6	1.5	2	0	0.3	0	65.8
H/TOT	204	43	7.5	10	3	0.9	0	268.4
10:00	51	6	0	0	0	0.3	0	57.3
10:15	62	11	7.5	0	3	0.3	0	83.8
10:30	63	6	1.5	0	0	0	0	70.5
10:45	63	5	0	2	0	0.3	0	70.3
H/TOT	239	28	9	2	3	0.9	0	281.9
11:00	64	11	0	2	0	0	0	77
11:15	64	9	3	0	3	0	0	79
11:30	60	6	1.5	2	0	0.3	0	69.8
11:45	50	7	3	0	0	0	0	60
H/TOT	238	33	7.5	4	3	0.3	0	285.8
12:00	57	13	1.5	4	3	0.3	0	78.8
12:15	73	4	0	0	0	0.3	0	77.3
12:30	61	8	1.5	0	0	0	0	70.5
12:45	58	8	1.5	2	3	0.6	0	73.1
H/TOT	249	33	4.5	6	6	1.2	0	299.7
13:00	57	14	0	0	6	0.3	0	77.3
13:15	56	5	3	6	0	0.3	0	70.3
13:30	60	8	3	2	0	0.3	0	73.3
13:45	52	7	0	0	3	0	0	62
H/TOT	225	34	6	8	9	0.9	0	282.9
14:00	60	2	1.5	6	0	0.3	0	69.8
14:15	53	11	1.5	2	0	0	0	67.5
14:30	56	8	3	2	3	0	0	72
14:45	61	5	1.5	0	0	0.3	0	67.8
H/TOT	230	26	7.5	10	3	0.6	0	277.1
15:00	65	5	0	2	0	0.6	0.2	72.8
15:15	66	7	1.5	0	3	0.6	0.2	78.3
15:30	52	6	1.5	2	0	0.9	0	62.4
15:45	66	13	0	2	0	0.6	0	81.6
H/TOT	249	31	3	6	3	2.7	0.4	295.1
16:00	48	5	0	0	3	0.6	0	56.6
16:15	67	11	0	0	3	0	0	81
16:30	68	7	0	0	0	0.6	0	75.6
16:45	58	14	0	2	0	0.3	0	74.3
H/TOT	241	37	0	2	6	1.5	0	287.5
17:00	76	9	0	2	0	0	0	87
17:15	81	6	1.5	2	3	0	0	93.5
17:30	77	7	0	0	0	0.9	0	84.9
17:45	74	6	0	2	0	0.3	0	82.3
H/TOT	308	28	1.5	6	3	1.2	0	347.7
18:00	71	7	0	0	3	0.3	0	81.3
18:15	65	5	0	0	0	0.6	0	70.6
18:30	59	1	1.5	2	3	0.6	0	67.1
18:45	56	4	0	0	0	0	0	60
H/TOT	251	17	1.5	2	6	1.5	0	279
19:00	64	4	0	0	0	0	0	68
19:15	62	2	0	0	0	0	0	64
19:30	40	5	0	0	3	0.3	0	48.3
19:45	37	0	0	0	0	0	0.4	37.4
H/TOT	203	11	0	0	3	0.3	0.4	217.7
P/TOT	3033	406	76.5	66	57	12.9	1.2	3652.6





14343 / ABERGELE  
AUGUST 2023  
PCU CONVERSION

SITE: 2

DATE: 09/08/2023

LOCATION: A547 Market Street / A548 Water Street

DAY: Wednesday

TIME	CAR	LGV	OGV1	B to A OGV2	PSV	MCL	PCL	TOT
06:00	0	0	0	0	0	0	0	0
06:15	2	0	0	0	0	0	0	2
06:30	4	1	0	0	0	0	0	5
06:45	1	2	0	0	0	0	0	3
H/TOT	7	3	0	0	0	0	0	10
07:00	4	1	1.5	0	0	0	0	6.5
07:15	2	0	0	0	0	0	0	2
07:30	4	1	1.5	0	0	0	0	6.5
07:45	7	2	1.5	0	0	0	0	10.5
H/TOT	17	4	4.5	0	0	0	0	25.5
08:00	4	4	0	0	0	0	0	8
08:15	7	1	0	0	0	0	0	8
08:30	5	0	1.5	0	0	0	0	6.5
08:45	4	2	0	2	3	0	0	11
H/TOT	20	7	1.5	2	3	0	0	33.5
09:00	8	2	0	0	0	0	0	10
09:15	7	5	3	2	0	0	0	17
09:30	9	1	0	0	0	0	0	10
09:45	4	0	0	0	0	0	0	4
H/TOT	28	8	3	2	0	0	0	41
10:00	9	1	0	0	0	0	0	10
10:15	12	0	1.5	0	3	0	0	16.5
10:30	11	0	0	0	0	0	0	11
10:45	14	2	0	0	0	0	0	16
H/TOT	46	3	1.5	0	3	0	0	53.5
11:00	11	1	0	0	0	0	0	12
11:15	11	0	0	0	0	0	0	11
11:30	5	4	0	0	0	0.3	0	9.3
11:45	18	1	0	0	0	0	0	19
H/TOT	45	6	0	0	0	0.3	0	51.3
12:00	7	2	0	0	0	0.3	0	9.3
12:15	5	1	0	0	0	0	0	6
12:30	8	0	0	0	0	0	0	8
12:45	11	1	0	2	0	0	0	14
H/TOT	31	4	0	2	0	0.3	0	37.3
13:00	12	0	0	0	0	0	0	12
13:15	13	0	0	0	0	0	0	13
13:30	8	2	1.5	0	0	0	1.8	13.3
13:45	13	2	0	0	0	0	0	15
H/TOT	46	4	1.5	0	0	0	1.8	53.3
14:00	10	0	1.5	0	0	0	0	11.5
14:15	11	0	1.5	0	3	0	0	15.5
14:30	12	0	0	0	0	0	0	12
14:45	12	0	0	0	0	0.3	0	12.3
H/TOT	45	0	3	0	3	0.3	0	51.3
15:00	8	2	0	0	0	0	0	10
15:15	10	0	0	0	0	0	0	10
15:30	8	2	0	0	0	0	0	10
15:45	8	4	0	0	0	0	0	12
H/TOT	34	8	0	0	0	0	0	42
16:00	10	1	0	0	0	0	0	11
16:15	11	0	0	0	0	0	0	11
16:30	10	1	1.5	0	0	0	0	12.5
16:45	7	1	0	0	0	0	0.2	8.2
H/TOT	38	3	1.5	0	0	0	0.2	42.7
17:00	10	0	1.5	0	0	0.3	0	11.8
17:15	12	0	0	0	0	0	0	12
17:30	8	1	0	0	0	0	0	9
17:45	8	2	0	2	0	0	0.2	12.2
H/TOT	38	3	1.5	2	0	0.3	0.2	45
18:00	16	0	0	0	0	0	0	16
18:15	8	0	0	0	6	0	0	14
18:30	11	0	0	0	0	0	0	11
18:45	9	0	0	0	0	0	0	9
H/TOT	44	0	0	0	6	0	0	50
19:00	13	1	0	0	0	0	0	14
19:15	9	1	0	0	0	0	0	10
19:30	6	0	0	0	3	0	0	9
19:45	8	2	0	0	0	0	0.2	10.2
H/TOT	36	4	0	0	3	0	0.2	43.2
P/TOT	475	57	18	8	18	1.2	2.4	579.6





14343 / ABERGELE  
AUGUST 2023  
PCU CONVERSION

SITE: 2

DATE: 09/08/2023

LOCATION: A547 Market Street / A548 Water Street

DAY: Wednesday

TIME	CAR	LGV	OGV1	C to A OGV2	PSV	MCL	PCL	TOT
06:00	5	0	1.5	0	0	0	0	6.5
06:15	6	1	0	0	0	0	0	7
06:30	4	0	0	0	3	0	0	7
06:45	6	1	0	0	3	0	0	10
H/TOT	21	2	1.5	0	6	0	0	30.5
07:00	5	2	0	0	3	0	0.2	10.2
07:15	7	1	0	0	3	0	0.2	11.2
07:30	12	0	0	0	0	0	0	12
07:45	10	4	3	0	3	0.3	0	20.3
H/TOT	34	7	3	0	9	0.3	0.4	53.7
08:00	22	3	0	0	3	0	0.2	28.2
08:15	11	1	1.5	0	3	0	0	16.5
08:30	29	1	0	0	3	0	0	33
08:45	14	7	1.5	0	3	0	0	25.5
H/TOT	76	12	3	0	12	0	0.2	103.2
09:00	23	6	0	0	3	0	0	32
09:15	25	4	3	0	3	0	0.2	35.2
09:30	36	3	4.5	0	3	0.3	0	46.8
09:45	25	4	0	0	9	0	0	38
H/TOT	109	17	7.5	0	18	0.3	0.2	152
10:00	30	5	0	0	3	0	0	38
10:15	27	3	1.5	2	3	0	0	36.5
10:30	20	3	1.5	0	3	0	0	27.5
10:45	20	4	1.5	0	3	0	0	28.5
H/TOT	97	15	4.5	2	12	0	0	130.5
11:00	26	5	0	0	6	0	0.2	37.2
11:15	36	6	0	0	3	0	0	45
11:30	32	2	1.5	0	3	0	0	38.5
11:45	26	5	1.5	0	6	0	0	38.5
H/TOT	120	18	3	0	18	0	0.2	159.2
12:00	32	5	0	0	3	0	0	40
12:15	28	5	1.5	0	3	0.3	0	37.8
12:30	21	4	0	0	6	0	0	31
12:45	26	3	0	2	3	0.3	0	34.3
H/TOT	107	17	1.5	2	15	0.6	0	143.1
13:00	24	6	0	0	6	0.3	0	36.3
13:15	15	2	0	0	6	0	0	23
13:30	27	2	0	0	3	0	0	32
13:45	30	4	0	0	3	0.6	0	37.6
H/TOT	96	14	0	0	18	0.9	0	128.9
14:00	28	4	0	0	3	0	0	35
14:15	28	5	1.5	0	6	0	0.2	40.7
14:30	26	1	0	0	3	0.3	0.4	30.7
14:45	30	5	0	0	0	0	0.2	35.2
H/TOT	112	15	1.5	0	12	0.3	0.8	141.6
15:00	21	2	0	0	6	0	0	29
15:15	27	5	0	0	3	0.6	0	35.6
15:30	20	4	1.5	0	6	0.9	0	32.4
15:45	12	0	0	0	3	0	0	15
H/TOT	80	11	1.5	0	18	1.5	0	112
16:00	28	3	0	0	3	0	0	34
16:15	20	5	0	0	3	0.9	0	28.9
16:30	31	5	0	0	3	0.3	0	39.3
16:45	24	3	1.5	0	3	1.2	0	32.7
H/TOT	103	16	1.5	0	12	2.4	0	134.9
17:00	35	2	0	0	9	0	0.2	46.2
17:15	34	2	0	0	6	0.3	0	42.3
17:30	37	0	0	0	3	0	0	40
17:45	23	2	0	0	3	0.3	0	28.3
H/TOT	129	6	0	0	21	0.6	0.2	156.8
18:00	44	4	0	0	3	0.6	0.2	51.8
18:15	26	5	0	0	6	0.3	0	37.3
18:30	18	1	0	0	6	0.3	0	25.3
18:45	14	0	0	0	3	0	0	17
H/TOT	102	10	0	0	18	1.2	0.2	131.4
19:00	36	2	0	0	0	0.3	0	38.3
19:15	27	2	0	0	3	0	0.2	32.2
19:30	16	4	0	0	3	0	0	23
19:45	21	0	0	0	6	0	0	27
H/TOT	100	8	0	0	12	0.3	0.2	120.5
P/TOT	1286	168	28.5	4	201	8.4	2.4	1698.3





14343 / ABERGELE  
AUGUST 2023  
PCU CONVERSION

SITE: 2

DATE: 09/08/2023

LOCATION: A547 Market Street / A548 Water Street

DAY: Wednesday

TIME	CAR	LGV	OGV1	C to B OGV2	PSV	MCL	PCL	TOT
06:00	15	1	0	0	0	0	0	16
06:15	15	3	0	2	0	0	0	20
06:30	27	10	0	0	0	0.6	0.2	37.8
06:45	21	6	3	0	3	0	0	33
H/TOT	78	20	3	2	3	0.6	0.2	106.8
07:00	43	5	0	0	0	0	0	48
07:15	35	11	1.5	0	3	0.3	0	50.8
07:30	53	13	0	0	0	0	0	66
07:45	69	15	0	0	0	0	0	84
H/TOT	200	44	1.5	0	3	0.3	0	248.8
08:00	74	17	1.5	2	3	0.6	0.2	98.3
08:15	55	13	1.5	4	0	0	0	73.5
08:30	53	7	3	4	0	0	0	67
08:45	62	10	3	0	0	0	0	75
H/TOT	244	47	9	10	3	0.6	0.2	313.8
09:00	51	4	1.5	6	3	0	0	65.5
09:15	57	10	0	2	0	0	0	69
09:30	56	8	1.5	2	3	0	0	70.5
09:45	64	3	3	0	0	0	0	70
H/TOT	228	25	6	10	6	0	0	275
10:00	50	13	4.5	0	3	0.3	0	70.8
10:15	56	4	6	2	3	0.3	0	71.3
10:30	65	2	1.5	2	0	0.3	0	70.8
10:45	35	8	3	0	3	0	0	49
H/TOT	206	27	15	4	9	0.9	0	261.9
11:00	61	7	1.5	2	0	0	0	71.5
11:15	63	8	1.5	2	0	0	0	74.5
11:30	48	10	4.5	2	3	0	0	67.5
11:45	68	10	0	2	0	0	0.2	80.2
H/TOT	240	35	7.5	8	3	0	0.2	293.7
12:00	59	7	1.5	0	0	0.3	0	67.8
12:15	56	9	4.5	2	0	0	0	71.5
12:30	62	7	1.5	6	3	0	0.2	79.7
12:45	63	8	0	0	0	0.3	0	71.3
H/TOT	240	31	7.5	8	3	0.6	0.2	290.3
13:00	62	11	3	2	3	0.6	0.2	81.8
13:15	72	4	1.5	0	6	0	0	83.5
13:30	66	5	1.5	2	0	0.3	0	74.8
13:45	60	7	1.5	4	0	0.6	0	73.1
H/TOT	260	27	7.5	8	9	1.5	0.2	313.2
14:00	64	6	1.5	0	0	0	0	71.5
14:15	73	14	1.5	0	3	0	0	91.5
14:30	52	5	0	2	0	0.6	0	59.6
14:45	70	6	1.5	0	0	0.9	0	78.4
H/TOT	259	31	4.5	2	3	1.5	0	301
15:00	63	10	1.5	2	3	0	0	79.5
15:15	57	6	4.5	4	0	0	0	71.5
15:30	79	6	1.5	0	0	0	0	86.5
15:45	81	8	1.5	0	0	0	0	90.5
H/TOT	280	30	9	6	3	0	0	328
16:00	68	3	4.5	2	3	0	0	80.5
16:15	63	8	3	2	3	0.6	0	79.6
16:30	67	5	0	0	0	0	0	72
16:45	71	6	0	2	3	1.8	0	83.8
H/TOT	269	22	7.5	6	9	2.4	0	315.9
17:00	83	9	1.5	0	0	0.6	0	94.1
17:15	85	7	1.5	0	3	0	0	96.5
17:30	66	9	0	0	3	0.3	0.2	78.5
17:45	75	6	0	0	0	0.6	0	81.6
H/TOT	309	31	3	0	6	1.5	0.2	350.7
18:00	63	6	1.5	2	0	0.3	0	72.8
18:15	57	5	0	0	3	0.3	0	65.3
18:30	50	2	0	0	0	0	0.2	52.2
18:45	49	11	0	0	0	0	0	60
H/TOT	219	24	1.5	2	3	0.6	0.2	250.3
19:00	60	2	0	2	3	0.9	0	67.9
19:15	60	7	0	0	0	0	0	67
19:30	37	4	0	0	0	0.3	0	41.3
19:45	41	1	0	0	0	0.3	0.2	42.5
H/TOT	198	14	0	2	3	1.5	0.2	218.7
P/TOT	3230	408	82.5	68	66	12	1.6	3868.1





14343 / ABERGELE  
AUGUST 2023  
PCU CONVERSION

SITE: 2

DATE: 09/08/2023

LOCATION: A547 Market Street / A548 Water Street

DAY: Wednesday

TIME	TO ARM A							TOT
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	
06:00	5	0	1.5	0	0	0	0	6.5
06:15	8	1	0	0	0	0	0	9
06:30	8	1	0	0	3	0	0	12
06:45	7	3	0	0	3	0	0	13
H/TOT	28	5	1.5	0	6	0	0	40.5
07:00	9	3	1.5	0	3	0	0.2	16.7
07:15	9	1	0	0	3	0	0.2	13.2
07:30	16	1	1.5	0	0	0	0	18.5
07:45	17	6	4.5	0	3	0.3	0	30.8
H/TOT	51	11	7.5	0	9	0.3	0.4	79.2
08:00	26	7	0	0	3	0	0.2	36.2
08:15	18	2	1.5	0	3	0	0	24.5
08:30	34	1	1.5	0	3	0	0	39.5
08:45	18	9	1.5	2	6	0	0	36.5
H/TOT	96	19	4.5	2	15	0	0.2	136.7
09:00	31	8	0	0	3	0	0	42
09:15	32	9	6	2	3	0	0.2	52.2
09:30	45	4	4.5	0	3	0.3	0	56.8
09:45	29	4	0	0	9	0	0	42
H/TOT	137	25	10.5	2	18	0.3	0.2	193
10:00	39	6	0	0	3	0	0	48
10:15	39	3	3	2	6	0	0	53
10:30	31	3	1.5	0	3	0	0	38.5
10:45	34	6	1.5	0	3	0	0	44.5
H/TOT	143	18	6	2	15	0	0	184
11:00	37	6	0	0	6	0	0.2	49.2
11:15	47	6	0	0	3	0	0	56
11:30	37	6	1.5	0	3	0.3	0	47.8
11:45	44	6	1.5	0	6	0	0	57.5
H/TOT	165	24	3	0	18	0.3	0.2	210.5
12:00	39	7	0	0	3	0.3	0	49.3
12:15	33	6	1.5	0	3	0.3	0	43.8
12:30	29	4	0	0	6	0	0	39
12:45	37	4	0	4	3	0.3	0	48.3
H/TOT	138	21	1.5	4	15	0.9	0	180.4
13:00	36	6	0	0	6	0.3	0	48.3
13:15	28	2	0	0	6	0	0	36
13:30	35	4	1.5	0	3	0	1.8	45.3
13:45	43	6	0	0	3	0.6	0	52.6
H/TOT	142	18	1.5	0	18	0.9	1.8	182.2
14:00	38	4	1.5	0	3	0	0	46.5
14:15	39	5	3	0	9	0	0.2	56.2
14:30	38	1	0	0	3	0.3	0.4	42.7
14:45	42	5	0	0	0	0.3	0.2	47.5
H/TOT	157	15	4.5	0	15	0.6	0.8	192.9
15:00	29	4	0	0	6	0	0	39
15:15	37	5	0	0	3	0.6	0	45.6
15:30	28	6	1.5	0	6	0.9	0	42.4
15:45	20	4	0	0	3	0	0	27
H/TOT	114	19	1.5	0	18	1.5	0	154
16:00	38	4	0	0	3	0	0	45
16:15	31	5	0	0	3	0.9	0	39.9
16:30	41	6	1.5	0	3	0.3	0	51.8
16:45	31	4	1.5	0	3	1.2	0.2	40.9
H/TOT	141	19	3	0	12	2.4	0.2	177.6
17:00	45	2	1.5	0	9	0.3	0.2	58
17:15	46	2	0	0	6	0.3	0	54.3
17:30	45	1	0	0	3	0	0	49
17:45	31	4	0	2	3	0.3	0.2	40.5
H/TOT	167	9	1.5	2	21	0.9	0.4	201.8
18:00	60	4	0	0	3	0.6	0.2	67.8
18:15	34	5	0	0	12	0.3	0	51.3
18:30	29	1	0	0	6	0.3	0	36.3
18:45	23	0	0	0	3	0	0	26
H/TOT	146	10	0	0	24	1.2	0.2	181.4
19:00	49	3	0	0	0	0.3	0	52.3
19:15	36	3	0	0	3	0	0.2	42.2
19:30	22	4	0	0	6	0	0	32
19:45	29	2	0	0	6	0	0.2	37.2
H/TOT	136	12	0	0	15	0.3	0.4	163.7
P/TOT	1761	225	46.5	12	219	9.6	4.8	2277.9





14343 / ABERGELE  
AUGUST 2023  
PCU CONVERSION

SITE: 2

DATE: 09/08/2023

LOCATION: A547 Market Street / A548 Water Street

DAY: Wednesday

TIME	FROM ARM A							TOT
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	
06:00	2	1	1.5	0	3	0	0	7.5
06:15	1	3	0	0	3	0	0	7
06:30	6	4	3	0	3	0	0	16
06:45	11	2	0	0	3	0	0	16
H/TOT	20	10	4.5	0	12	0	0	46.5
07:00	15	3	1.5	0	6	0	0	25.5
07:15	12	2	0	0	3	0	0	17
07:30	23	8	3	0	3	0	0.2	37.2
07:45	30	7	1.5	0	3	0	0	41.5
H/TOT	80	20	6	0	15	0	0.2	121.2
08:00	25	6	1.5	0	3	0	0	35.5
08:15	36	7	1.5	0	3	0	0	47.5
08:30	31	9	1.5	0	9	0	0	50.5
08:45	42	10	1.5	2	3	0	0	58.5
H/TOT	134	32	6	2	18	0	0	192
09:00	34	8	1.5	2	3	0.6	0	49.1
09:15	31	6	1.5	2	9	0	0	49.5
09:30	35	11	1.5	0	3	0	0.4	50.9
09:45	41	3	3	0	3	0	0.6	50.6
H/TOT	141	28	7.5	4	18	0.6	1	200.1
10:00	39	10	1.5	0	6	0	0.2	56.7
10:15	44	5	0	0	9	0.6	0	58.6
10:30	45	7	1.5	0	3	0	0	56.5
10:45	46	2	0	0	9	0.3	0	57.3
H/TOT	174	24	3	0	27	0.9	0.2	229.1
11:00	39	4	3	2	0	0.3	0	48.3
11:15	54	11	4.5	2	6	0.6	0	78.1
11:30	47	17	4.5	0	6	0	0	74.5
11:45	49	8	0	0	3	0.3	0	60.3
H/TOT	189	40	12	4	15	1.2	0	261.2
12:00	43	8	0	2	9	0	0	62
12:15	59	7	0	0	3	0	0	69
12:30	63	6	0	0	6	0.3	0.2	75.5
12:45	59	8	0	0	0	0	0	67
H/TOT	224	29	0	2	18	0.3	0.2	273.5
13:00	49	3	1.5	0	3	0.9	0	57.4
13:15	45	5	1.5	0	6	0	0	57.5
13:30	39	3	1.5	0	0	0	0.4	43.9
13:45	49	4	0	2	6	0	0	61
H/TOT	182	15	4.5	2	15	0.9	0.4	219.8
14:00	56	6	1.5	0	6	0	0	69.5
14:15	44	3	1.5	0	0	0.6	0	49.1
14:30	49	3	1.5	0	6	0	0	59.5
14:45	38	6	1.5	0	12	0.3	0	57.8
H/TOT	187	18	6	0	24	0.9	0	235.9
15:00	45	4	4.5	0	3	0.3	0	56.8
15:15	51	8	3	0	3	0.6	0.2	65.8
15:30	68	6	1.5	0	6	0.3	0	81.8
15:45	56	3	3	0	0	0	0	62
H/TOT	220	21	12	0	12	1.2	0.2	266.4
16:00	57	5	0	0	0	1.2	0	63.2
16:15	60	5	0	0	6	0	0	71
16:30	57	3	1.5	0	6	0	0	67.5
16:45	50	7	0	0	0	0.3	0	57.3
H/TOT	224	20	1.5	0	12	1.5	0	259
17:00	52	4	0	0	6	0	0	62
17:15	57	0	0	0	9	0	0	66
17:30	58	3	0	0	0	2.7	0.2	63.9
17:45	49	5	0	0	6	0.6	0.2	60.8
H/TOT	216	12	0	0	21	3.3	0.4	252.7
18:00	49	2	0	0	3	0.3	0.2	54.5
18:15	44	5	0	0	0	0	0	49
18:30	43	5	0	0	3	0.6	0	51.6
18:45	30	0	0	0	0	0.3	0	30.3
H/TOT	166	12	0	0	6	1.2	0.2	185.4
19:00	49	3	0	0	3	0.6	0	55.6
19:15	40	4	1.5	0	3	0	0	48.5
19:30	36	0	0	0	0	0.3	0	36.3
19:45	35	1	0	0	3	0	0	39
H/TOT	160	8	1.5	0	9	0.9	0	179.4
P/TOT	2317	289	64.5	14	222	12.9	2.8	2922.2





14343 / ABERGELE  
AUGUST 2023  
PCU CONVERSION

SITE: 2

DATE: 09/08/2023

LOCATION: A547 Market Street / A548 Water Street

DAY: Wednesday

TIME	TO ARM B							TOT
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	
06:00	16	2	0	0	0	0	0	18
06:15	15	5	0	2	0	0	0	22
06:30	32	12	0	0	0	0.6	0.2	44.8
06:45	28	6	3	0	3	0	0	40
H/TOT	91	25	3	2	3	0.6	0.2	124.8
07:00	49	6	0	0	0	0	0	55
07:15	38	12	1.5	0	3	0.3	0	54.8
07:30	59	13	1.5	0	0	0	0.2	73.7
07:45	79	17	0	0	0	0	0	96
H/TOT	225	48	3	0	3	0.3	0.2	279.5
08:00	77	18	1.5	2	3	0.6	0.2	102.3
08:15	64	14	1.5	4	0	0	0	83.5
08:30	63	8	3	4	0	0	0	78
08:45	69	14	4.5	2	0	0	0	89.5
H/TOT	273	54	10.5	12	3	0.6	0.2	353.3
09:00	58	7	3	8	3	0	0	79
09:15	68	11	0	4	3	0	0	86
09:30	61	13	1.5	2	3	0	0.2	80.7
09:45	74	3	4.5	0	0	0	0	81.5
H/TOT	261	34	9	14	9	0	0.2	327.2
10:00	59	17	4.5	0	6	0.3	0	86.8
10:15	74	4	6	2	3	0.9	0	89.9
10:30	71	6	3	2	0	0.3	0	82.3
10:45	47	9	3	0	3	0.3	0	62.3
H/TOT	251	36	16.5	4	12	1.8	0	321.3
11:00	78	8	1.5	2	0	0	0	89.5
11:15	78	13	3	2	0	0	0	96
11:30	61	15	7.5	2	3	0	0	88.5
11:45	90	12	0	2	0	0	0.2	104.2
H/TOT	307	48	12	8	3	0	0.2	378.2
12:00	71	9	1.5	0	0	0.3	0	81.8
12:15	72	12	4.5	2	0	0	0	90.5
12:30	83	9	1.5	6	3	0	0.4	102.9
12:45	91	11	0	0	0	0.3	0	102.3
H/TOT	317	41	7.5	8	3	0.6	0.4	377.5
13:00	75	12	3	2	3	0.6	0.2	95.8
13:15	88	5	1.5	0	6	0	0	100.5
13:30	82	6	3	2	0	0.3	0	93.3
13:45	70	9	1.5	6	0	0.6	0	87.1
H/TOT	315	32	9	10	9	1.5	0.2	376.7
14:00	82	10	3	0	0	0	0	95
14:15	87	14	3	0	3	0	0	107
14:30	72	6	1.5	2	0	0.6	0	82.1
14:45	85	8	3	0	0	0.9	0	96.9
H/TOT	324	38	10.5	2	3	1.5	0	381
15:00	75	12	3	2	3	0.3	0	95.3
15:15	72	8	6	4	0	0.3	0	90.3
15:30	107	8	3	0	0	0.3	0	118.3
15:45	99	9	1.5	0	0	0	0	109.5
H/TOT	353	37	13.5	6	3	0.9	0	413.4
16:00	90	3	4.5	2	3	0.3	0	102.8
16:15	86	10	3	2	3	0.6	0	104.6
16:30	86	5	1.5	0	0	0	0	92.5
16:45	85	11	0	2	3	2.1	0	103.1
H/TOT	347	29	9	6	9	3	0	403
17:00	101	10	1.5	0	3	0.6	0	116.1
17:15	104	7	1.5	0	3	0	0	115.5
17:30	86	10	0	0	3	0.3	0.2	99.5
17:45	94	7	0	0	0	0.6	0.2	101.8
H/TOT	385	34	3	0	9	1.5	0.4	432.9
18:00	80	6	1.5	2	0	0.6	0.2	90.3
18:15	74	6	0	0	3	0.3	0	83.3
18:30	63	4	0	0	0	0.3	0.2	67.5
18:45	57	11	0	0	0	0	0	68
H/TOT	274	27	1.5	2	3	1.2	0.4	309.1
19:00	77	3	0	2	3	0.9	0	85.9
19:15	77	10	1.5	0	0	0	0	88.5
19:30	49	4	0	0	0	0.3	0	53.3
19:45	55	1	0	0	0	0.3	0.2	56.5
H/TOT	258	18	1.5	2	3	1.5	0.2	284.2
P/TOT	3983	501	109.5	76	75	15	2.6	4762.1





14343 / ABERGELE  
AUGUST 2023  
PCU CONVERSION

SITE: 2

DATE: 09/08/2023

LOCATION: A547 Market Street / A548 Water Street

DAY: Wednesday

TIME	FROM ARM B							TOT
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	
06:00	8	1	0	0	0	0.3	0	9.3
06:15	10	1	1.5	0	0	0	0	12.5
06:30	10	3	1.5	0	0	0.3	0	14.8
06:45	23	5	1.5	4	0	0	0.2	33.7
H/TOT	51	10	4.5	4	0	0.6	0.2	70.3
07:00	20	3	4.5	0	0	0.3	0	27.8
07:15	21	3	1.5	0	0	0	0	25.5
07:30	35	9	4.5	0	3	0	0	51.5
07:45	66	13	9	2	0	0	0	90
H/TOT	142	28	19.5	2	3	0.3	0	194.8
08:00	58	12	0	2	0	0	0.2	72.2
08:15	63	12	0	0	3	0	0	78
08:30	56	14	4.5	2	0	0	0	76.5
08:45	70	23	6	2	6	0	0	107
H/TOT	247	61	10.5	6	9	0	0.2	333.7
09:00	64	16	1.5	4	0	0	0	85.5
09:15	53	16	4.5	6	0	0.6	0	80.1
09:30	55	13	3	0	3	0	0	74
09:45	60	6	1.5	2	0	0.3	0	69.8
H/TOT	232	51	10.5	12	3	0.9	0	309.4
10:00	60	7	0	0	0	0.3	0	67.3
10:15	74	11	9	0	6	0.3	0	100.3
10:30	74	6	1.5	0	0	0	0	81.5
10:45	77	7	0	2	0	0.3	0	86.3
H/TOT	285	31	10.5	2	6	0.9	0	335.4
11:00	75	12	0	2	0	0	0	89
11:15	75	9	3	0	3	0	0	90
11:30	65	10	1.5	2	0	0.6	0	79.1
11:45	68	8	3	0	0	0	0	79
H/TOT	283	39	7.5	4	3	0.6	0	337.1
12:00	64	15	1.5	4	3	0.6	0	88.1
12:15	78	5	0	0	0	0.3	0	83.3
12:30	69	8	1.5	0	0	0	0	78.5
12:45	69	9	1.5	4	3	0.6	0	87.1
H/TOT	280	37	4.5	8	6	1.5	0	337
13:00	69	14	0	0	6	0.3	0	89.3
13:15	69	5	3	6	0	0.3	0	83.3
13:30	68	10	4.5	2	0	0.3	1.8	86.6
13:45	65	9	0	0	3	0	0	77
H/TOT	271	38	7.5	8	9	0.9	1.8	336.2
14:00	70	2	3	6	0	0.3	0	81.3
14:15	64	11	3	2	3	0	0	83
14:30	68	8	3	2	3	0	0	84
14:45	73	5	1.5	0	0	0.6	0	80.1
H/TOT	275	26	10.5	10	6	0.9	0	328.4
15:00	73	7	0	2	0	0.6	0.2	82.8
15:15	76	7	1.5	0	3	0.6	0.2	88.3
15:30	60	8	1.5	2	0	0.9	0	72.4
15:45	74	17	0	2	0	0.6	0	93.6
H/TOT	283	39	3	6	3	2.7	0.4	337.1
16:00	58	6	0	0	3	0.6	0	67.6
16:15	78	11	0	0	3	0	0	92
16:30	78	8	1.5	0	0	0.6	0	88.1
16:45	65	15	0	2	0	1.3	0.2	82.5
H/TOT	279	40	1.5	2	6	1.5	0.2	330.2
17:00	86	9	1.5	2	0	0.3	0	98.8
17:15	93	6	1.5	2	3	0	0	105.5
17:30	85	8	0	0	0	0.9	0	93.9
17:45	82	8	0	4	0	0.3	0.2	94.5
H/TOT	346	31	3	8	3	1.5	0.2	392.7
18:00	87	7	0	0	3	0.3	0	97.3
18:15	73	5	0	0	6	0.6	0	84.6
18:30	70	1	1.5	2	3	0.6	0	78.1
18:45	65	4	0	0	0	0	0	69
H/TOT	295	17	1.5	2	12	1.5	0	329
19:00	77	5	0	0	0	0	0	82
19:15	71	3	0	0	0	0	0	74
19:30	46	5	0	0	6	0.3	0	57.3
19:45	45	2	0	0	0	0	0.6	47.6
H/TOT	239	15	0	0	6	0.3	0.6	260.9
P/TOT	3508	463	94.5	74	75	14.1	3.6	4232.2





14343 / ABERGELE  
AUGUST 2023  
PCU CONVERSION

SITE: 2

DATE: 09/08/2023

LOCATION: A547 Market Street / A548 Water Street

DAY: Wednesday

TIME	TO ARM C							TOT
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	
06:00	9	1	1.5	0	3	0.3	0	14.8
06:15	9	2	1.5	0	3	0	0	15.5
06:30	7	4	4.5	0	3	0.3	0	18.8
06:45	26	5	1.5	4	3	0	0.2	39.7
H/TOT	51	12	9	4	12	0.6	0.2	88.8
07:00	25	4	4.5	0	6	0.3	0	39.8
07:15	28	4	1.5	0	3	0	0	36.5
07:30	48	16	4.5	0	6	0	0	74.5
07:45	79	16	9	2	3	0	0	109
H/TOT	180	40	19.5	2	18	0.3	0	259.8
08:00	76	13	1.5	2	3	0	0.2	95.7
08:15	83	17	1.5	0	6	0	0	107.5
08:30	72	22	4.5	2	9	0	0	109.5
08:45	101	27	6	0	6	0	0	140
H/TOT	332	79	13.5	4	24	0	0.2	452.7
09:00	83	19	1.5	4	3	0.6	0	111.1
09:15	66	16	3	4	6	0.6	0	95.6
09:30	76	18	4.5	0	6	0	0.2	104.7
09:45	87	9	3	2	3	0.3	0.6	104.9
H/TOT	312	62	12	10	18	1.5	0.8	416.3
10:00	81	12	1.5	0	3	0.3	0.2	98
10:15	88	16	7.5	0	12	0.3	0	123.8
10:30	102	9	1.5	0	3	0	0	115.5
10:45	97	6	0	2	9	0.3	0	114.3
H/TOT	368	43	10.5	2	27	0.9	0.2	451.6
11:00	86	14	3	4	0	0.3	0	107.3
11:15	103	15	6	2	9	0.6	0	135.6
11:30	94	18	3	2	6	0.3	0	123.3
11:45	77	13	3	0	3	0.3	0	96.3
H/TOT	360	60	15	8	18	1.5	0	462.5
12:00	88	19	1.5	6	12	0.3	0	126.8
12:15	116	8	0	0	3	0.3	0	127.3
12:30	103	12	1.5	0	6	0.3	0	122.8
12:45	89	13	1.5	2	3	0.6	0	109.1
H/TOT	396	52	4.5	8	24	1.5	0	486
13:00	93	16	1.5	0	9	1.2	0	120.7
13:15	85	9	4.5	6	6	0.3	0	110.8
13:30	83	10	3	2	0	0.3	0.4	98.7
13:45	91	9	0	0	9	0	0	109
H/TOT	352	44	9	8	24	1.8	0.4	439.2
14:00	98	4	1.5	6	6	0.3	0	115.8
14:15	83	14	1.5	2	0	0.6	0	101.1
14:30	85	10	3	2	9	0	0	109
14:45	84	9	1.5	0	12	0.6	0	107.1
H/TOT	350	37	7.5	10	27	1.5	0	433
15:00	98	7	3	2	3	0.6	0.2	113.8
15:15	102	13	3	0	6	0.9	0.4	125.3
15:30	92	10	1.5	2	6	0.9	0	112.4
15:45	104	15	3	2	0	0.6	0	124.6
H/TOT	396	45	10.5	6	15	3	0.6	476.1
16:00	83	10	0	0	3	1.5	0	97.5
16:15	104	14	0	0	9	0	0	127
16:30	106	10	0	0	6	0.6	0	122.6
16:45	94	16	0	2	0	0.3	0	112.3
H/TOT	387	50	0	2	18	2.4	0	459.4
17:00	110	12	0	2	3	0	0	127
17:15	119	6	1.5	2	12	0	0	140.5
17:30	115	9	0	0	0	3.6	0.2	127.8
17:45	104	10	0	2	6	0.9	0	122.9
H/TOT	448	37	1.5	6	21	4.5	0.2	518.2
18:00	103	9	0	0	6	0.3	0	118.3
18:15	92	9	0	0	0	0.6	0	101.6
18:30	89	4	1.5	2	6	0.9	0	103.4
18:45	78	4	0	0	0	0.3	0	82.3
H/TOT	362	26	1.5	2	12	2.1	0	405.6
19:00	96	6	0	0	3	0.6	0	105.6
19:15	85	3	0	0	3	0	0	91
19:30	64	5	0	0	3	0.6	0	72.6
19:45	58	1	0	0	3	0	0.4	62.4
H/TOT	303	15	0	0	12	1.2	0.4	331.6
P/TOT	4597	602	114	72	270	22.8	3	5680.8





14343 / ABERGELE  
AUGUST 2023  
PCU CONVERSION

SITE: 2

DATE: 09/08/2023

LOCATION: A547 Market Street / A548 Water Street

DAY: Wednesday

TIME	FROM ARM C							TOT
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	
06:00	20	1	1.5	0	0	0	0	22.5
06:15	21	4	0	2	0	0	0	27
06:30	31	10	0	0	3	0.6	0.2	44.8
06:45	27	7	3	0	6	0	0	43
<b>H/TOT</b>	99	22	4.5	2	9	0.6	0.2	137.3
07:00	48	7	0	0	3	0	0.2	58.2
07:15	42	12	1.5	0	6	0.3	0.2	62
07:30	65	13	0	0	0	0	0	78
07:45	79	19	3	0	3	0.3	0	104.3
<b>H/TOT</b>	234	51	4.5	0	12	0.6	0.4	302.5
08:00	96	20	1.5	2	6	0.6	0.4	126.5
08:15	66	14	3	4	3	0	0	90
08:30	82	8	3	4	3	0	0	100
08:45	76	17	4.5	0	3	0	0	100.5
<b>H/TOT</b>	320	59	12	10	15	0.6	0.4	417
09:00	74	10	1.5	6	6	0	0	97.5
09:15	82	14	3	2	3	0	0.2	104.2
09:30	92	11	6	2	6	0.3	0	117.3
09:45	89	7	3	0	9	0	0	108
<b>H/TOT</b>	337	42	13.5	10	24	0.3	0.2	427
10:00	80	18	4.5	0	6	0.3	0	108.8
10:15	83	7	7.5	4	6	0.3	0	107.8
10:30	85	5	3	2	3	0.3	0	98.3
10:45	55	12	4.5	0	6	0	0	77.5
<b>H/TOT</b>	303	42	19.5	6	21	0.9	0	392.4
11:00	87	12	1.5	2	6	0	0.2	108.7
11:15	99	14	1.5	2	3	0	0	119.5
11:30	80	12	6	2	6	0	0	106
11:45	94	15	1.5	2	6	0	0.2	118.7
<b>H/TOT</b>	360	53	10.5	8	21	0	0.4	452.9
12:00	91	12	1.5	0	3	0.3	0	107.8
12:15	84	14	6	2	3	0.3	0	109.3
12:30	83	11	1.5	6	9	0	0.2	110.7
12:45	89	11	0	2	3	0.6	0	105.6
<b>H/TOT</b>	347	48	9	10	18	1.2	0.2	433.4
13:00	86	17	3	2	9	0.9	0.2	118.1
13:15	87	6	1.5	0	12	0	0	106.5
13:30	93	7	1.5	2	3	0.3	0	106.8
13:45	90	11	1.5	4	3	1.2	0	110.7
<b>H/TOT</b>	356	41	7.5	8	27	2.4	0.2	442.1
14:00	92	10	1.5	0	3	0	0	106.5
14:15	101	19	3	0	9	0	0.2	132.2
14:30	78	6	0	2	3	0.9	0.4	90.3
14:45	100	11	1.5	0	0	0.9	0.2	113.6
<b>H/TOT</b>	371	46	6	2	15	1.8	0.8	442.6
15:00	84	12	1.5	2	9	0	0	108.5
15:15	84	11	4.5	4	3	0.6	0	107.1
15:30	99	10	3	0	6	0.9	0	118.9
15:45	93	8	1.5	0	3	0	0	105.5
<b>H/TOT</b>	360	41	10.5	6	21	1.5	0	440
16:00	96	6	4.5	2	6	0	0	114.5
16:15	83	13	3	2	6	1.5	0	108.5
16:30	98	10	0	0	3	0.3	0	111.3
16:45	95	9	1.5	2	6	3	0	116.5
<b>H/TOT</b>	372	38	9	6	21	4.8	0	450.8
17:00	118	11	1.5	0	9	0.6	0.2	140.3
17:15	119	9	1.5	0	9	0.3	0	138.8
17:30	103	9	0	0	6	0.3	0.2	118.5
17:45	98	8	0	0	3	0.9	0	109.9
<b>H/TOT</b>	438	37	3	0	27	2.1	0.4	507.5
18:00	107	10	1.5	2	3	0.9	0.2	124.6
18:15	83	10	0	0	9	0.6	0	102.6
18:30	68	3	0	0	6	0.3	0.2	77.5
18:45	63	11	0	0	3	0	0	77
<b>H/TOT</b>	321	34	1.5	2	21	1.8	0.4	381.7
19:00	96	4	0	2	3	1.2	0	106.2
19:15	87	9	0	0	3	0	0.2	99.2
19:30	53	8	0	0	3	0.3	0	64.3
19:45	62	1	0	0	6	0.3	0.2	69.5
<b>H/TOT</b>	298	22	0	2	15	1.8	0.4	339.2
<b>P/TOT</b>	4516	576	111	72	267	20.4	4	5566.4





14343 / ABERGELE  
AUGUST 2023  
PCU CONVERSION

SITE: 2

DATE: 09/08/2023

LOCATION: A547 Market Street / A548 Water Street

DAY: Wednesday

TIME	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
06:00	30	3	3	0	3	0.3	0	39.3
06:15	32	8	1.5	2	3	0	0	46.5
06:30	47	17	4.5	0	6	0.9	0.2	75.6
06:45	61	14	4.5	4	9	0	0.2	92.7
H/TOT	170	42	13.5	6	21	1.2	0.4	254.1
07:00	83	13	6	0	9	0.3	0.2	111.5
07:15	75	17	3	0	9	0.3	0.2	104.5
07:30	123	30	7.5	0	6	0	0.2	166.7
07:45	175	39	13.5	2	6	0.3	0	235.8
H/TOT	456	99	30	2	30	0.9	0.6	618.5
08:00	179	38	3	4	9	0.6	0.6	234.2
08:15	165	33	4.5	4	9	0	0	215.5
08:30	169	31	9	6	12	0	0	227
08:45	188	50	12	4	12	0	0	266
H/TOT	701	152	28.5	18	42	0.6	0.6	942.7
09:00	172	34	4.5	12	9	0.6	0	232.1
09:15	166	36	9	10	12	0.6	0.2	233.8
09:30	182	35	10.5	2	12	0.3	0.4	242.2
09:45	190	16	7.5	2	12	0.3	0.6	228.4
H/TOT	710	121	31.5	26	45	1.8	1.2	936.5
10:00	179	35	6	0	12	0.6	0.2	232.8
10:15	201	23	16.5	4	21	1.2	0	266.7
10:30	204	18	6	2	6	0.3	0	236.3
10:45	178	21	4.5	2	15	0.6	0	221.1
H/TOT	762	97	33	8	54	2.7	0.2	956.9
11:00	201	28	4.5	6	6	0.3	0.2	246
11:15	228	34	9	4	12	0.6	0	287.6
11:30	192	39	12	4	12	0.6	0	259.6
11:45	211	31	4.5	2	9	0.3	0.2	258
H/TOT	832	132	30	16	39	1.8	0.4	1051
12:00	198	35	3	6	15	0.9	0	257.9
12:15	221	26	6	2	6	0.6	0	261.6
12:30	215	25	3	6	15	0.3	0.4	264.7
12:45	217	28	1.5	6	6	1.2	0	259.7
H/TOT	851	114	13.5	20	42	3	0.4	1044
13:00	204	34	4.5	2	18	2.1	0.2	264.8
13:15	201	16	6	6	18	0.3	0	247.3
13:30	200	20	7.5	4	3	0.6	2.2	237.3
13:45	204	24	1.5	6	12	1.2	0	248.7
H/TOT	809	94	19.5	18	51	4.2	2.4	998.1
14:00	218	18	6	6	9	0.3	0	257.3
14:15	209	33	7.5	2	12	0.6	0.2	264.3
14:30	195	17	4.5	4	12	0.9	0.4	233.8
14:45	211	22	4.5	0	12	1.8	0.2	251.5
H/TOT	833	90	22.5	12	45	3.6	0.8	1007
15:00	202	23	6	4	12	0.9	0.2	248.1
15:15	211	26	9	4	9	1.8	0.4	261.2
15:30	227	24	6	2	12	2.1	0	273.1
15:45	223	28	4.5	2	3	0.6	0	261.1
H/TOT	863	101	25.5	12	36	5.4	0.6	1044
16:00	211	17	4.5	2	9	1.8	0	245.3
16:15	221	29	3	2	15	1.5	0	271.5
16:30	233	21	3	0	9	0.9	0	266.9
16:45	210	31	1.5	4	6	3.6	0.2	256.3
H/TOT	875	98	12	8	39	7.8	0.2	1040
17:00	256	24	3	2	15	0.9	0.2	301.1
17:15	269	15	3	2	21	0.3	0	310.3
17:30	246	20	0	0	6	3.9	0.4	276.3
17:45	229	21	0	4	9	1.8	0.4	265.2
H/TOT	1000	80	6	8	51	6.9	1	1153
18:00	243	19	1.5	2	9	1.5	0.4	276.4
18:15	200	20	0	0	15	1.2	0	236.2
18:30	181	9	1.5	2	12	1.5	0.2	207.2
18:45	158	15	0	0	3	0.3	0	176.3
H/TOT	782	63	3	4	39	4.5	0.6	896.1
19:00	222	12	0	2	6	1.8	0	243.8
19:15	198	16	1.5	0	6	0	0.2	221.7
19:30	135	13	0	0	9	0.9	0	157.9
19:45	142	4	0	0	9	0.3	0.8	156.1
H/TOT	697	45	1.5	2	30	3	1	779.5
P/TOT	10341	1328	270	160	564	47.4	10.4	12721

PEAK HOUR CALCULATION	TOT
06:00 to 07:00	254.1
06:15 to 07:15	326.3
06:30 to 07:30	384.3
06:45 to 07:45	475.4
07:00 to 08:00	618.5
07:15 to 08:15	741.2
07:30 to 08:30	852.2
07:45 to 08:45	912.5
08:00 to 09:00	942.7
08:15 to 09:15	940.6
08:30 to 09:30	958.9
08:45 to 09:45	974.1
09:00 to 10:00	936.5
09:15 to 10:15	937.2
09:30 to 10:30	970.1
09:45 to 10:45	964.2
A.M. Peak	974.1
10:00 to 11:00	956.9
10:15 to 11:15	970.1
10:30 to 11:30	991
10:45 to 11:45	1014.3
11:00 to 12:00	1051.2
11:15 to 12:15	1063.1
11:30 to 12:30	1037.1
11:45 to 12:45	1042.2
12:00 to 13:00	1043.9
12:15 to 13:15	1050.8
12:30 to 13:30	1036.5
12:45 to 13:45	1009.1
13:00 to 14:00	998.1
13:15 to 14:15	990.6
13:30 to 14:30	1007.6
13:45 to 14:45	1004.1
14:00 to 15:00	1006.9
14:15 to 15:15	997.7
14:30 to 15:30	994.6
14:45 to 15:45	1033.9
15:00 to 16:00	1043.5
15:15 to 16:15	1040.7
15:30 to 16:30	1051
15:45 to 16:45	1044.8
Inter Peak	1050.8
16:00 to 17:00	1040
16:15 to 17:15	1095.8
16:30 to 17:30	1134.6
16:45 to 17:45	1144
17:00 to 18:00	1152.9
17:15 to 18:15	1128.2
17:30 to 18:30	1054.1
17:45 to 18:45	985
18:00 to 19:00	896.1
18:15 to 19:15	863.5
18:30 to 19:30	849
18:45 to 19:45	799.7
19:00 to 20:00	779.5
P.M. Peak	1152.9



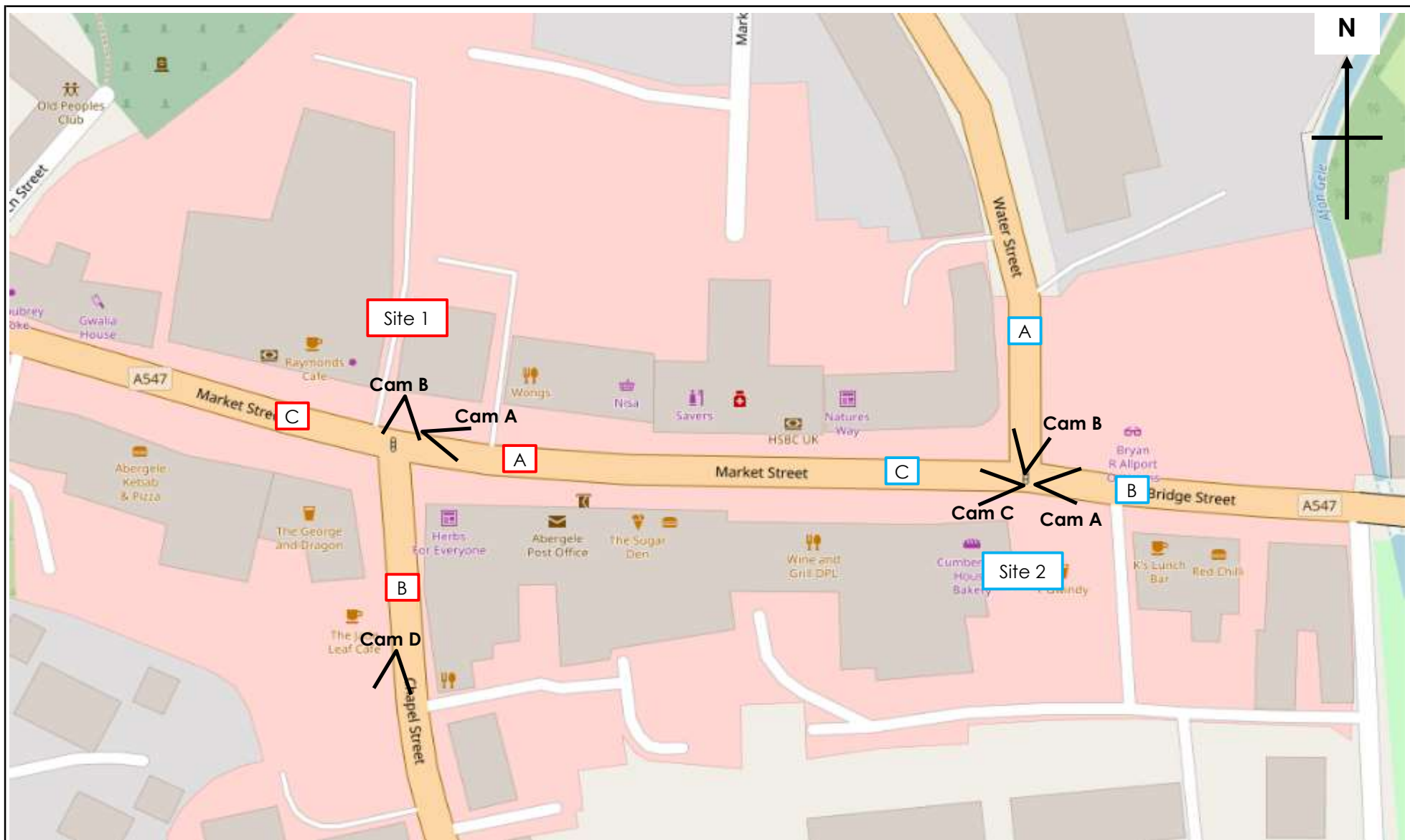
**PCU values used in conversion**


CAR	LGV	OGV1	OGV2	PSV	MCL	PCL
1	1	1.5	2	3	0.3	0.2

**Notes**

Altering the figures in the above table will re-calculate the PCU conversion sheets.





	<b>Site / Location:</b> Site 1, A547 Market Street / A548 Chapel Street & Site 2, A547 Market Street / A548 Water Street	<b>Project No:</b> 14343	<b>Drawing No:</b> 14343-01	<b>Drawn By:</b> MN
	<b>Survey Date:</b> Wednesday 12th July 2023	<b>Project Name:</b> Abergele		
	<b>Survey Times:</b> 06:00 to 20:00	<b>Drawing Title:</b> Site Layout and Observed Movements		





SITE: 1

DATE: 12/07/2023

LOCATION: A547 Market Street / A548 Chapel Street

DAY: Wednesday

Notes: All queues are recorded at the end of the red signal phase.

ARM A		ARM B		ARM C	
TIME AT END OF RED PHASE	LANE 1	TIME AT END OF RED PHASE	LANE 1	TIME AT END OF RED PHASE	LANE 1
06:00:46	0	06:02:42	1	06:00:12	0
06:02:08	0	06:04:47	1	06:01:08	0
06:02:58	0	06:09:47	1	06:02:57	1
06:04:09	0	06:14:35	1	06:04:08	1
06:04:36	0	06:17:06	1	06:04:38	0
06:05:03	0	06:18:39	1	06:05:04	0
06:05:51	0	06:21:47	3	06:05:51	0
06:07:38	0	06:26:29	1	06:07:37	2
06:08:23	0	06:27:04	1	06:08:23	0
06:10:04	0	06:28:20	1	06:09:38	0
06:12:16	0	06:29:51	1	06:10:04	0
06:13:10	0	06:31:54	3	06:12:40	0
06:14:15	1	06:32:48	1	06:13:09	1
06:14:51	0	06:35:47	1	06:13:43	0
06:16:46	0	06:36:52	1	06:14:51	0
06:17:21	0	06:37:54	3	06:15:51	1
06:18:28	0	06:38:54	1	06:16:45	0
06:19:05	0	06:41:25	1	06:17:47	0
06:22:02	0	06:42:52	2	06:18:28	0
06:25:41	0	06:44:27	1	06:19:05	0
06:26:45	0	06:45:59	1	06:21:15	0
06:27:20	0	06:46:59	1	06:22:02	1
06:28:10	0	06:47:53	2	06:22:35	0
06:28:37	0	06:49:25	1	06:25:41	0
06:30:10	0	06:49:53	1	06:26:12	0
06:30:45	0	06:51:05	3	06:26:45	0
06:31:21	0	06:51:43	1	06:27:19	0
06:32:11	0	06:52:58	1	06:28:11	1
06:33:07	0	06:54:42	1	06:28:37	1
06:34:06	0	06:56:24	1	06:30:11	0
06:34:54	0	06:58:22	2	06:31:43	1
06:36:03	0	06:59:40	1	06:32:34	1
06:37:04	0	07:00:12	2	06:33:29	2
06:37:34	0	07:01:16	3	06:34:05	0
06:38:12	0	07:02:22	1	06:34:54	0
06:39:10	0	07:04:26	2	06:36:04	1
06:40:03	0	07:07:13	1	06:36:35	1
06:40:38	0	07:09:39	1	06:37:06	0
06:41:45	0	07:10:55	5	06:37:34	0
06:42:36	0	07:12:10	2	06:38:36	0
06:43:09	0	07:14:18	3	06:39:33	0
06:43:50	0	07:15:26	2	06:41:00	1





SITE: 1

DATE: 12/07/2023

LOCATION: A547 Market Street / A548 Chapel Street

DAY: Wednesday

Notes: All queues are recorded at the end of the red signal phase.

ARM A		ARM B		ARM C	
TIME AT END OF RED PHASE	LANE 1	TIME AT END OF RED PHASE	LANE 1	TIME AT END OF RED PHASE	LANE 1
06:44:42	0	07:16:11	1	06:41:44	0
06:45:32	0	07:16:37	1	06:42:36	0
06:46:16	0	07:17:15	1	06:43:09	1
06:47:15	0	07:18:12	1	06:43:51	0
06:48:10	0	07:19:13	3	06:45:06	1
06:49:42	0	07:21:30	1	06:45:33	1
06:50:08	0	07:22:34	3	06:46:41	3
06:51:22	0	07:23:38	1	06:47:16	1
06:52:04	0	07:24:15	1	06:47:40	2
06:53:14	0	07:25:48	3	06:48:10	1
06:54:04	0	07:27:34	4	06:49:42	0
06:54:58	0	07:28:53	3	06:50:50	1
06:55:43	0	07:29:59	2	06:51:21	0
06:56:58	0	07:30:31	1	06:52:27	0
06:57:29	0	07:32:12	3	06:53:36	2
06:59:02	0	07:32:56	3	06:54:05	0
06:59:56	0	07:34:10	2	06:54:58	1
07:00:28	0	07:34:46	1	06:56:11	1
07:01:42	0	07:36:00	4	06:56:59	0
07:02:39	0	07:37:04	6	06:57:29	0
07:03:11	0	07:38:33	5	06:58:03	2
07:04:42	0	07:39:42	3	06:59:27	1
07:05:36	0	07:40:58	3	06:59:58	2
07:06:34	0	07:42:15	2	07:00:55	0
07:07:37	1	07:43:24	4	07:02:04	0
07:09:00	1	07:44:25	1	07:02:38	0
07:09:55	0	07:45:59	4	07:03:10	0
07:11:20	0	07:48:05	5	07:05:04	2
07:12:30	3	07:50:25	3	07:05:39	1
07:13:40	0	07:51:50	5	07:06:58	1
07:14:38	0	07:53:35	5	07:07:37	0
07:15:44	0	07:55:49	5	07:09:21	1
07:16:28	0	07:58:09	11	07:10:18	0
07:16:55	0	07:59:45	2	07:11:46	3
07:17:32	0	08:01:37	10	07:12:29	1
07:18:30	0	08:04:06	14	07:14:05	2
07:19:30	0	08:06:03	10	07:15:11	1
07:20:40	0	08:08:25	15	07:15:42	2
07:21:49	0	08:10:58	16	07:16:27	0
07:22:51	0	08:13:10	14	07:16:56	0
07:23:55	0	08:15:14	16	07:18:02	3
07:24:32	0	08:17:00	10	07:18:29	0





SITE: 1

DATE: 12/07/2023

LOCATION: A547 Market Street / A548 Chapel Street

DAY: Wednesday

Notes: All queues are recorded at the end of the red signal phase.

ARM A		ARM B		ARM C	
TIME AT END OF RED PHASE	LANE 1	TIME AT END OF RED PHASE	LANE 1	TIME AT END OF RED PHASE	LANE 1
07:26:06	1	08:18:53	4	07:19:02	0
07:28:00	0	08:20:59	3	07:19:54	1
07:29:11	1	08:23:38	10	07:21:13	0
07:30:16	0	08:26:22	14	07:22:24	2
07:30:50	2	08:29:07	10	07:23:18	2
07:32:31	0	08:31:16	7	07:23:54	0
07:33:18	0	08:33:09	19	07:25:04	2
07:34:27	1	08:35:54	11	07:26:30	1
07:35:03	0	08:38:33	15	07:27:12	2
07:36:20	0	08:41:17	21	07:28:26	4
07:37:04	0	08:44:04	16	07:29:46	0
07:37:30	0	08:46:26	11	07:30:16	0
07:38:54	3	08:48:59	12	07:31:11	1
07:40:02	0	08:51:10	11	07:32:32	3
07:41:18	0	08:53:40	8	07:33:57	1
07:42:33	0	08:55:55	9	07:35:31	4
07:43:55	1	08:58:29	9	07:36:45	4
07:44:40	0	09:01:07	9	07:38:02	6
07:46:22	0	09:03:13	5	07:39:17	1
07:48:36	1	09:05:33	5	07:40:29	5
07:49:46	0	09:07:57	11	07:41:59	1
07:50:43	0	09:10:13	3	07:42:56	4
07:52:13	1	09:12:03	7	07:43:55	2
07:54:01	0	09:14:16	7	07:45:13	2
07:56:08	1	09:16:44	8	07:46:49	2
07:58:42	0	09:19:28	11	07:49:08	3
08:00:10	2	09:21:42	8	07:49:45	1
08:02:09	0	09:23:59	9	07:51:26	6
08:04:38	0	09:26:12	1	07:52:43	7
08:06:38	0	09:27:53	2	07:54:41	3
08:08:59	0	09:29:28	8	07:56:49	4
08:11:32	0	09:31:45	9	07:59:16	5
08:13:40	0	09:33:51	6	08:00:48	3
08:15:48	0	09:37:49	9	08:02:51	2
08:17:32	2	09:40:08	8	08:05:20	7
08:19:13	0	09:41:55	13	08:07:16	7
08:21:19	0	09:44:21	9	08:09:35	4
08:24:12	0	09:46:28	5	08:12:14	6
08:26:56	0	09:48:46	3	08:14:12	1
08:29:46	4	09:50:45	8	08:16:35	7
08:31:50	1	09:53:31	6	08:17:55	4
08:33:53	1	09:55:52	7	08:19:56	10





SITE: 1

DATE: 12/07/2023

LOCATION: A547 Market Street / A548 Chapel Street

DAY: Wednesday

Notes: All queues are recorded at the end of the red signal phase.

ARM A		ARM B		ARM C	
TIME AT END OF RED PHASE	LANE 1	TIME AT END OF RED PHASE	LANE 1	TIME AT END OF RED PHASE	LANE 1
08:36:39	0	09:57:42	4	08:21:59	6
08:39:15	2	09:59:50	8	08:24:58	13
08:42:01	3	10:02:04	4	08:27:36	6
08:44:47	4	10:03:38	1	08:30:28	11
08:47:04	0	10:05:02	5	08:32:30	5
08:49:43	5	10:06:39	4	08:34:36	4
08:51:47	4	10:08:27	9	08:37:15	8
08:54:08	1	10:10:31	1	08:39:56	10
08:56:30	2	10:11:47	6	08:42:48	14
08:59:07	2	10:13:53	9	08:45:28	7
09:01:39	7	10:16:24	9	08:47:41	7
09:03:36	3	10:19:03	9	08:50:17	3
09:05:56	5	10:21:35	8	08:52:33	3
09:08:36	3	10:24:11	8	08:54:48	10
09:10:41	1	10:26:36	12	08:57:11	10
09:12:43	2	10:29:20	6	08:59:47	7
09:14:48	1	10:31:27	2	09:02:20	5
09:17:30	5	10:33:19	6	09:04:16	7
09:20:03	2	10:35:29	7	09:06:36	4
09:22:17	3	10:37:35	9	09:09:17	3
09:24:40	3	10:39:17	6	09:11:23	4
09:26:27	0	10:41:05	8	09:13:24	4
09:28:24	1	10:43:12	6	09:15:38	3
09:30:11	0	10:45:34	6	09:18:10	9
09:32:22	2	10:47:48	11	09:20:45	5
09:34:26	0	10:50:03	3	09:23:03	3
09:36:16	1	10:52:06	3	09:25:03	6
09:38:23	4	10:53:55	12	09:27:08	5
09:40:38	0	10:56:08	10	09:29:02	4
09:42:38	2	10:58:08	4	09:30:50	5
09:44:58	2	10:59:49	2	09:32:25	9
09:46:49	0	11:01:36	7	09:35:01	9
09:49:18	1	11:03:38	6	09:36:49	3
09:51:29	3	11:05:51	2	09:39:05	4
09:53:58	1	11:09:57	7	09:41:18	2
09:56:18	0	11:12:14	10	09:43:08	4
09:58:02	3	11:14:18	4	09:45:38	7
10:00:20	1	11:16:20	8	09:47:28	13
10:02:27	0	11:18:33	8	09:52:09	14
10:03:51	5	11:20:37	4	09:54:40	11
10:05:26	1	11:22:36	3	09:56:55	5
10:07:00	3	11:24:50	8	09:58:43	9





SITE: 1

DATE: 12/07/2023

LOCATION: A547 Market Street / A548 Chapel Street

DAY: Wednesday

Notes: All queues are recorded at the end of the red signal phase.

ARM A		ARM B		ARM C	
TIME AT END OF RED PHASE	LANE 1	TIME AT END OF RED PHASE	LANE 1	TIME AT END OF RED PHASE	LANE 1
10:09:11	0	11:26:48	7	10:01:01	7
10:10:51	1	11:29:18	4	10:03:08	6
10:12:26	1	11:31:20	9	10:04:27	2
10:14:27	3	11:33:32	9	10:05:50	2
10:17:05	0	11:35:47	3	10:07:36	5
10:19:42	2	11:37:43	4	10:09:45	3
10:22:09	4	11:39:48	5	10:11:08	5
10:24:46	1	11:41:46	4	10:13:01	3
10:27:15	1	11:43:50	2	10:15:02	4
10:29:56	2	11:45:12	6	10:17:47	6
10:31:40	1	11:47:22	3	10:20:23	9
10:33:46	4	11:49:23	7	10:22:51	8
10:35:58	6	11:51:34	4	10:25:30	11
10:38:07	3	11:53:27	9	10:27:57	12
10:39:42	4	11:55:33	9	10:30:37	5
10:41:34	5	11:57:30	4	10:32:31	4
10:43:45	3	11:59:23	7	10:34:27	4
10:46:06	6	12:01:39	11	10:36:40	3
10:48:29	3	12:03:56	5	10:38:43	8
10:50:24	2	12:06:06	8	10:40:04	11
10:52:24	6	12:08:20	4	10:42:12	9
10:54:26	5	12:10:37	3	10:44:26	6
10:56:40	0	12:12:44	2	10:46:53	7
10:58:27	0	12:15:03	3	10:49:08	8
11:00:04	2	12:16:39	7	10:51:05	10
11:02:06	1	12:18:34	14	10:52:54	1
11:04:19	2	12:20:14	10	10:55:12	6
11:06:06	4	12:21:53	8	10:57:12	6
11:08:20	3	12:24:00	3	10:58:59	4
11:10:31	5	12:26:10	8	11:00:43	5
11:12:48	5	12:28:18	10	11:02:45	6
11:14:38	3	12:31:35	2	11:04:54	5
11:16:51	3	12:33:31	12	11:06:42	10
11:19:09	6	12:35:36	8	11:09:01	3
11:20:57	2	12:37:31	9	11:11:12	6
11:23:08	4	12:39:48	7	11:13:17	2
11:25:23	0	12:42:01	6	11:15:19	12
11:27:41	0	12:44:06	10	11:17:30	8
11:29:38	3	12:46:10	5	11:19:19	3
11:31:54	4	12:47:31	8	11:21:41	5
11:34:06	4	12:49:21	3	11:23:59	17
11:36:10	0	12:51:27	6	11:26:03	17





SITE: 1

DATE: 12/07/2023

LOCATION: A547 Market Street / A548 Chapel Street

DAY: Wednesday

Notes: All queues are recorded at the end of the red signal phase.

ARM A		ARM B		ARM C	
TIME AT END OF RED PHASE	LANE 1	TIME AT END OF RED PHASE	LANE 1	TIME AT END OF RED PHASE	LANE 1
11:38:10	2	12:53:21	6	11:28:19	23
11:40:11	3	12:55:08	5	11:30:30	19
11:42:17	4	12:57:12	7	11:32:12	12
11:44:09	5	12:59:18	4	11:32:37	12
11:45:40	0	13:01:13	5	11:34:48	10
11:47:40	3	13:02:59	6	11:36:49	7
11:49:50	3	13:04:44	7	11:38:47	5
11:51:57	6	13:06:36	3	11:40:52	7
11:54:00	4	13:09:09	3	11:42:59	6
11:56:03	3	13:10:54	8	11:44:36	3
11:57:52	6	13:12:34	3	11:46:22	9
11:59:57	3	13:14:03	4	11:48:22	10
12:02:13	3	13:16:01	5	11:50:34	13
12:04:17	2	13:17:49	2	11:52:22	10
12:06:38	3	13:19:47	5	11:54:36	8
12:08:54	5	13:21:52	10	11:56:30	10
12:11:02	9	13:23:33	11	11:58:31	1
12:13:17	5	13:25:39	10	12:00:45	11
12:15:33	0	13:27:28	5	12:03:07	8
12:16:59	3	13:29:18	3	12:05:05	10
12:19:07	3	13:31:18	3	12:07:31	15
12:20:47	4	13:33:30	2	12:09:45	7
12:22:25	1	13:35:39	9	12:11:51	13
12:24:32	2	13:37:57	3	12:14:07	13
12:26:42	4	13:40:01	7	12:16:04	12
12:28:52	3	13:42:16	6	12:17:39	10
12:30:11	1	13:44:33	3	12:19:54	5
12:31:50	1	13:46:35	5	12:21:28	6
12:34:05	4	13:48:42	5	12:23:03	8
12:36:06	6	13:50:45	8	12:25:16	4
12:38:08	5	13:53:02	12	12:27:23	9
12:40:21	2	13:54:58	4	12:29:28	10
12:42:27	0	13:56:54	4	12:30:40	8
12:44:40	2	13:58:51	2	12:32:44	14
12:46:30	2	14:00:26	4	12:34:43	5
12:48:03	3	14:01:51	4	12:36:38	4
12:49:57	1	14:03:41	6	12:38:56	15
12:51:52	3	14:05:47	8	12:41:13	14
12:53:48	5	14:07:38	4	12:43:14	10
12:55:30	4	14:09:53	6	12:45:12	4
12:57:02	7	14:11:48	9	12:47:06	6
12:59:44	4	14:14:09	8	12:48:33	3





SITE: 1

DATE: 12/07/2023

LOCATION: A547 Market Street / A548 Chapel Street

DAY: Wednesday

Notes: All queues are recorded at the end of the red signal phase.

ARM A		ARM B		ARM C	
TIME AT END OF RED PHASE	LANE 1	TIME AT END OF RED PHASE	LANE 1	TIME AT END OF RED PHASE	LANE 1
13:01:36	7	14:16:26	8	12:50:29	12
13:03:28	5	14:18:42	3	12:52:29	9
13:05:14	5	14:20:37	3	12:54:13	6
13:07:00	4	14:22:52	9	12:56:13	4
13:08:23	1	14:25:09	5	12:58:27	6
13:09:28	2	14:27:13	6	13:00:12	14
13:11:25	2	14:28:42	6	13:02:04	6
13:12:54	3	14:30:53	9	13:04:11	12
13:14:24	10	14:35:21	7	13:05:40	9
13:16:33	6	14:37:29	13	13:07:36	6
13:18:03	2	14:39:39	9	13:08:53	5
13:20:09	0	14:41:56	3	13:10:02	0
13:22:24	2	14:43:58	9	13:11:55	3
13:24:06	5	14:46:01	5	13:13:42	3
13:26:13	2	14:47:52	4	13:15:01	3
13:28:00	1	14:49:55	4	13:17:16	12
13:29:37	0	14:51:44	3	13:18:54	10
13:31:46	4	14:53:43	5	13:20:54	10
13:33:59	4	14:55:53	3	13:23:03	7
13:36:11	1	14:58:00	6	13:24:42	6
13:38:15	2	15:00:08	8	13:26:51	7
13:40:34	2	15:02:22	9	13:28:30	6
13:42:50	2	15:04:38	5	13:30:24	4
13:45:02	3	15:06:52	9	13:32:32	9
13:46:59	6	15:08:54	8	13:34:42	5
13:49:03	4	15:11:10	12	13:36:54	6
13:51:19	3	15:13:25	10	13:38:56	6
13:53:35	5	15:15:19	3	13:41:18	10
13:55:24	3	15:17:21	10	13:43:35	11
13:57:13	1	15:19:32	8	13:45:39	10
13:59:15	1	15:21:50	9	13:47:40	13
14:00:46	0	15:24:03	5	13:49:48	6
14:02:15	0	15:26:09	7	13:52:00	14
14:04:06	5	15:28:17	7	13:54:06	8
14:06:22	3	15:30:33	6	13:55:56	8
14:08:11	0	15:32:44	6	13:57:55	5
14:10:16	5	15:34:40	7	13:59:54	13
14:12:21	2	15:36:45	2	14:01:25	10
14:14:42	3	15:38:57	4	14:02:45	5
14:16:58	6	15:41:03	9	14:04:47	12
14:19:14	2	15:43:18	10	14:07:01	14
14:21:10	4	15:45:27	10	14:08:57	11





SITE: 1

DATE: 12/07/2023

LOCATION: A547 Market Street / A548 Chapel Street

DAY: Wednesday

Notes: All queues are recorded at the end of the red signal phase.

ARM A		ARM B		ARM C	
TIME AT END OF RED PHASE	LANE 1	TIME AT END OF RED PHASE	LANE 1	TIME AT END OF RED PHASE	LANE 1
14:23:27	4	15:47:42	8	14:10:46	17
14:25:31	4	15:49:32	9	14:13:02	15
14:27:41	5	15:51:40	10	14:15:25	15
14:29:08	3	15:53:56	13	14:17:41	23
14:31:22	5	15:56:18	12	14:19:35	23
14:33:38	6	15:58:28	8	14:21:51	23
14:35:54	2	16:00:45	9	14:24:07	24
14:38:01	0	16:03:01	3	14:26:13	23
14:40:12	3	16:04:56	10	14:28:08	19
14:42:15	1	16:07:07	10	14:29:51	24
14:44:36	5	16:09:24	10	14:32:04	24
14:46:24	4	16:11:40	12	14:34:20	22
14:48:16	3	16:13:55	5	14:36:31	20
14:50:12	4	16:15:42	8	14:38:43	15
14:52:03	0	16:17:56	6	14:40:57	15
14:54:12	0	16:19:41	5	14:43:05	11
14:56:23	3	16:21:37	8	14:44:59	14
14:58:26	3	16:23:52	11	14:46:50	14
15:00:40	2	16:26:04	8	14:48:53	15
15:02:55	2	16:28:16	12	14:50:44	7
15:05:08	5	16:30:31	11	14:52:44	12
15:07:23	2	16:32:46	7	14:54:53	11
15:09:27	3	16:34:58	8	14:57:09	5
15:11:43	1	16:37:13	15	14:59:07	7
15:13:59	1	16:39:31	11	15:01:53	6
15:15:41	2	16:41:45	12	15:03:37	14
15:17:54	1	16:43:47	7	15:05:53	8
15:20:06	0	16:46:07	13	15:08:00	14
15:22:21	2	16:48:27	10	15:10:17	11
15:24:26	1	16:50:45	10	15:12:23	11
15:26:35	4	16:53:01	7	15:14:44	12
15:28:51	5	16:54:54	12	15:16:19	14
15:31:02	3	16:57:14	9	15:18:31	13
15:33:09	6	16:59:29	10	15:20:50	18
15:35:06	4	17:01:56	9	15:23:06	12
15:37:16	3	17:04:30	10	15:25:06	9
15:39:19	1	17:07:13	15	15:27:21	11
15:41:35	4	17:10:03	14	15:29:33	15
15:43:51	4	17:12:50	10	15:31:45	11
15:45:59	2	17:15:35	12	15:33:33	5
15:48:15	4	17:18:21	13	15:35:49	7
15:50:05	3	17:21:05	7	15:38:00	10





SITE: 1

DATE: 12/07/2023

LOCATION: A547 Market Street / A548 Chapel Street

DAY: Wednesday

Notes: All queues are recorded at the end of the red signal phase.

ARM A		ARM B		ARM C	
TIME AT END OF RED PHASE	LANE 1	TIME AT END OF RED PHASE	LANE 1	TIME AT END OF RED PHASE	LANE 1
15:52:12	5	17:23:50	8	15:40:04	10
15:54:28	4	17:26:37	14	15:42:18	8
15:56:49	0	17:29:23	12	15:44:34	9
15:59:02	2	17:32:08	8	15:46:42	12
16:01:17	2	17:34:43	12	15:48:58	11
16:03:17	4	17:37:16	10	15:50:38	12
16:05:28	3	17:39:15	8	15:52:56	14
16:07:40	6	17:41:49	13	15:55:10	16
16:09:56	6	17:44:35	9	15:57:37	13
16:12:12	4	17:47:18	7	15:59:43	7
16:14:27	5	17:50:08	8	16:02:03	4
16:16:14	0	17:52:50	8	16:04:02	4
16:18:26	1	17:55:07	3	16:06:09	4
16:19:56	5	17:57:17	6	16:08:22	10
16:22:08	5	17:59:17	10	16:10:39	10
16:24:24	4	18:01:23	7	16:11:45	13
16:26:37	1	18:03:39	9	16:13:59	13
16:28:48	5	18:05:12	2	16:15:07	13
16:31:04	5	18:06:34	7	16:17:03	17
16:33:20	4	18:07:59	3	16:19:14	15
16:35:31	3	18:10:38	3	16:20:37	16
16:37:45	4	18:12:08	6	16:22:51	12
16:40:01	6	18:14:09	6	16:25:05	7
16:42:17	1	18:16:19	10	16:27:20	10
16:44:18	3	18:18:49	7	16:29:36	11
16:46:40	8	18:21:22	7	16:31:50	5
16:49:01	3	18:23:47	5	16:33:57	17
16:51:16	2	18:25:48	9	16:36:34	13
16:53:32	7	18:27:46	3	16:38:29	11
16:55:26	4	18:29:40	2	16:40:45	11
16:57:47	9	18:31:09	3	16:43:02	9
17:00:01	4	18:32:28	1	16:45:28	9
17:02:27	2	18:34:00	1	16:46:03	14
17:05:09	2	18:35:00	2	16:47:24	14
17:07:54	4	18:36:29	2	16:49:45	18
17:10:46	5	18:38:01	3	16:52:17	18
17:13:31	5	18:39:38	7	16:54:37	10
17:16:17	5	18:42:02	9	16:55:40	8
17:19:04	3	18:44:05	7	16:56:40	10
17:21:47	0	18:46:04	4	16:58:40	8
17:24:33	4	18:47:54	3	17:00:42	8
17:27:19	2	18:49:39	6	17:03:55	15





SITE: 1

DATE: 12/07/2023

LOCATION: A547 Market Street / A548 Chapel Street

DAY: Wednesday

Notes: All queues are recorded at the end of the red signal phase.

ARM A		ARM B		ARM C	
TIME AT END OF RED PHASE	LANE 1	TIME AT END OF RED PHASE	LANE 1	TIME AT END OF RED PHASE	LANE 1
17:30:05	0	18:52:00	4	17:06:02	17
17:32:51	0	18:54:15	3	17:08:43	23
17:35:23	4	18:56:08	3	17:11:34	18
17:37:51	2	18:57:47	3	17:14:16	16
17:39:45	3	19:00:14	7	17:17:03	25
17:42:31	2	19:02:52	5	17:19:48	24
17:45:17	2	19:04:17	1	17:22:32	21
17:48:00	2	19:05:20	3	17:25:17	15
17:50:51	9	19:06:45	4	17:28:04	11
17:53:33	5	19:08:41	4	17:30:55	14
17:55:21	2	19:10:03	6	17:33:22	10
17:57:45	2	19:11:22	5	17:36:10	15
17:59:52	2	19:13:46	1	17:38:46	16
18:01:53	1	19:15:29	2	17:40:31	14
18:04:12	0	19:17:18	7	17:43:17	9
18:05:27	1	19:18:46	4	17:46:04	11
18:07:04	1	19:20:03	4	17:48:46	10
18:08:23	1	19:21:19	7	17:51:38	15
18:09:38	1	19:22:58	4	17:54:15	12
18:10:53	2	19:24:09	1	17:55:58	12
18:12:40	1	19:25:37	5	17:58:23	10
18:14:34	2	19:27:07	3	18:00:27	7
18:16:54	2	19:28:21	2	18:02:26	7
18:19:15	2	19:29:22	4	18:04:44	2
18:21:48	3	19:31:43	2	18:05:51	6
18:24:10	2	19:32:58	2	18:07:30	3
18:26:16	2	19:34:29	5	18:08:55	6
18:28:04	4	19:37:20	3	18:10:07	4
18:30:08	3	19:38:47	2	18:11:30	7
18:31:24	4	19:40:53	2	18:13:06	5
18:32:43	2	19:41:50	3	18:15:23	8
18:34:14	0	19:42:58	3	18:17:28	8
18:35:16	1	19:44:11	2	18:19:58	11
18:36:44	3	19:47:51	3	18:22:27	7
18:38:25	0	19:48:48	1	18:24:49	2
18:40:10	3	19:49:39	2	18:26:44	9
18:42:34	4	19:51:05	2	18:28:41	3
18:44:34	3	19:52:39	2	18:30:33	3
18:46:22	0	19:54:04	2	18:31:53	7
18:48:10	4	19:55:07	2	18:33:24	7
18:50:04	3	19:56:06	1	18:34:42	2
18:52:25	1	19:58:00	4	18:35:28	1





SITE: 1

DATE: 12/07/2023

LOCATION: A547 Market Street / A548 Chapel Street

DAY: Wednesday

Notes: All queues are recorded at the end of the red signal phase.

ARM A		ARM B		ARM C	
TIME AT END OF RED PHASE	LANE 1	TIME AT END OF RED PHASE	LANE 1	TIME AT END OF RED PHASE	LANE 1
18:54:37	1	19:59:27	2	18:37:19	7
18:56:25	2			18:38:54	2
18:58:30	3			18:40:39	9
19:00:46	1			18:43:06	6
19:03:13	0			18:45:10	3
19:04:32	1			18:47:07	4
19:05:38	1			18:48:40	2
19:07:07	3			18:50:46	7
19:09:03	2			18:53:06	12
19:10:34	2			18:55:16	7
19:11:43	3			18:57:02	8
19:13:03	2			18:59:11	4
19:14:06	4			19:01:10	7
19:15:43	0			19:02:11	9
19:17:43	3			19:03:46	6
19:19:09	0			19:05:01	4
19:20:23	0			19:06:03	1
19:21:52	0			19:07:46	3
19:23:16	2			19:09:32	6
19:24:25	0			19:11:03	4
19:26:01	3			19:12:05	4
19:27:24	0			19:13:20	4
19:28:37	1			19:14:36	4
19:29:44	0			19:16:16	12
19:30:55	1			19:18:09	7
19:31:57	3			19:19:36	2
19:33:15	0			19:20:52	2
19:34:48	2			19:22:16	1
19:35:49	4			19:23:40	6
19:37:41	2			19:24:50	1
19:39:01	0			19:26:33	6
19:40:01	3			19:27:50	7
19:41:08	2			19:29:02	4
19:42:08	2			19:30:18	1
19:43:19	1			19:31:18	1
19:44:25	0			19:32:34	1
19:45:47	2			19:33:45	1
19:46:52	0			19:35:11	6
19:48:07	0			19:36:16	1
19:49:03	1			19:37:07	1
19:49:54	3			19:38:04	3
19:51:21	0			19:39:26	2





SITE: 1

DATE: 12/07/2023

LOCATION: A547 Market Street / A548 Chapel Street

DAY: Wednesday

Notes: All queues are recorded at the end of the red signal phase.

ARM A		ARM B		ARM C	
TIME AT END OF RED PHASE	LANE 1	TIME AT END OF RED PHASE	LANE 1	TIME AT END OF RED PHASE	LANE 1
19:52:54	2			19:40:25	3
19:54:20	3			19:41:38	0
19:55:22	3			19:42:31	3
19:56:21	1			19:43:46	4
19:57:17	2			19:44:51	2
19:58:20	2			19:46:21	1
19:59:42	2			19:47:15	1
				19:48:30	1
				19:49:26	0
				19:50:23	1
				19:51:48	3
				19:53:20	2
				19:54:53	3
				19:55:46	2
				19:56:43	1
				19:57:47	1
				19:58:42	1
MAX	10	MAX	21	MAX	25





14343 / ABERGELE  
JULY 2023  
QUEUE LENGTH OBSERVATIONS

SITE: 2

DATE: 12/07/2023

LOCATION: A547 Market Street / A548 Water Street

DAY: Wednesday

Notes: All queues are recorded at the end of the red signal phase.

ARM A		ARM B		ARM C	
TIME AT END OF RED PHASE	LANE 1	TIME AT END OF RED PHASE	LANE 1	TIME AT END OF RED PHASE	LANE 1
05:59:52	1	06:00:06	0	06:00:07	0
06:00:47	1	06:01:03	1	06:01:05	1
06:02:12	1	06:02:25	0	06:02:27	0
06:03:16	0	06:02:58	0	06:03:52	0
06:07:49	1	06:04:08	0	06:08:07	2
06:09:16	1	06:04:35	0	06:09:34	0
06:12:18	0	06:05:02	0	06:12:36	0
06:13:22	1	06:05:51	0	06:13:41	0
06:14:18	0	06:07:37	0	06:14:34	0
06:15:32	1	06:08:23	0	06:15:48	0
06:17:24	2	06:09:32	0	06:17:44	0
06:20:56	1	06:10:04	0	06:21:12	0
06:22:14	1	06:12:34	1	06:22:34	1
06:25:52	1	06:13:10	1	06:26:11	0
06:29:34	0	06:13:39	0	06:29:50	0
06:30:47	1	06:14:50	0	06:31:04	0
06:31:25	1	06:15:46	0	06:31:40	0
06:32:12	1	06:16:45	0	06:32:31	1
06:33:09	1	06:17:42	1	06:33:26	1
06:36:14	1	06:18:28	0	06:36:33	2
06:38:14	2	06:19:04	0	06:38:33	2
06:39:13	1	06:21:11	1	06:39:30	0
06:40:06	1	06:22:02	0	06:40:22	0
06:40:41	0	06:22:30	0	06:40:59	0
06:44:43	1	06:25:41	0	06:45:01	0
06:46:19	1	06:26:10	0	06:46:38	0
06:47:18	2	06:26:45	0	06:47:36	0
06:50:21	1	06:27:19	0	06:50:47	0
06:52:06	1	06:28:10	0	06:52:23	0
06:53:18	1	06:28:37	0	06:53:33	0
06:55:45	1	06:30:10	2	06:56:07	0
06:57:40	1	06:31:39	0	06:57:57	1
06:59:05	0	06:32:29	0	06:59:21	0
07:00:33	2	06:33:24	0	07:00:51	2
07:01:43	1	06:34:05	0	07:02:01	2
07:04:45	1	06:34:54	0	07:05:00	1
07:06:36	2	06:36:03	0	07:06:55	0





14343 / ABERGELE  
JULY 2023  
QUEUE LENGTH OBSERVATIONS

SITE: 2

DATE: 12/07/2023

LOCATION: A547 Market Street / A548 Water Street

DAY: Wednesday

Notes: All queues are recorded at the end of the red signal phase.

ARM A		ARM B		ARM C	
TIME AT END OF RED PHASE	LANE 1	TIME AT END OF RED PHASE	LANE 1	TIME AT END OF RED PHASE	LANE 1
07:09:03	0	06:36:31	0	07:09:19	0
07:09:58	0	06:37:04	0	07:10:14	0
07:11:24	3	06:37:34	0	07:11:44	2
07:13:44	1	06:38:31	1	07:14:02	1
07:14:40	2	06:39:28	1	07:15:06	2
07:17:35	4	06:40:56	0	07:17:58	0
07:18:40	1	06:41:45	1	07:18:57	1
07:19:32	1	06:42:36	0	07:19:48	2
07:20:44	0	06:43:09	0	07:21:09	0
07:21:49	3	06:43:49	0	07:22:20	0
07:22:54	3	06:44:59	0	07:23:15	1
07:24:33	2	06:45:31	0	07:24:54	0
07:26:10	1	06:46:35	2	07:26:25	2
07:26:51	1	06:47:34	1	07:27:07	0
07:28:03	2	06:48:09	1	07:28:21	2
07:29:24	0	06:49:42	0	07:29:41	0
07:30:50	0	06:50:08	0	07:31:06	3
07:31:47	0	06:50:44	0	07:32:14	1
07:33:19	4	06:51:22	1	07:33:48	1
07:35:05	0	06:52:21	1	07:35:22	1
07:36:22	1	06:53:32	0	07:36:41	1
07:37:34	4	06:54:04	1	07:37:58	1
07:38:58	1	06:54:57	1	07:39:13	2
07:40:03	3	06:56:05	0	07:40:25	2
07:41:22	4	06:56:58	0	07:41:55	2
07:42:33	2	06:57:28	0	07:42:52	1
07:44:42	1	06:57:56	2	07:45:06	0
07:46:23	1	06:59:20	1	07:46:46	1
07:47:39	2	06:59:56	0	07:48:07	1
07:48:38	3	07:00:49	1	07:49:00	1
07:50:44	4	07:02:00	2	07:51:21	1
07:52:14	5	07:02:38	1	07:52:39	2
07:54:01	4	07:03:10	0	07:54:37	3
07:56:10	5	07:04:59	1	07:56:47	3
07:58:46	5	07:05:36	0	07:59:12	2
08:00:10	4	07:06:53	1	08:00:43	1
08:02:12	5	07:07:37	2	08:02:46	3





SITE: 2

DATE: 12/07/2023

LOCATION: A547 Market Street / A548 Water Street

DAY: Wednesday

Notes: All queues are recorded at the end of the red signal phase.

ARM A		ARM B		ARM C	
TIME AT END OF RED PHASE	LANE 1	TIME AT END OF RED PHASE	LANE 1	TIME AT END OF RED PHASE	LANE 1
08:03:39	2	07:09:17	0	08:04:07	2
08:04:41	4	07:10:13	3	08:05:13	3
08:06:38	6	07:11:42	2	08:07:09	4
08:07:59	2	07:12:29	0	08:08:27	0
08:09:02	5	07:14:00	0	08:09:31	5
08:10:34	6	07:15:05	2	08:11:00	1
08:11:34	5	07:15:43	0	08:12:10	5
08:13:43	5	07:16:26	0	08:14:13	2
08:14:49	1	07:16:54	1	08:15:17	1
08:15:49	5	07:17:56	0	08:16:25	4
08:17:33	2	07:18:28	0	08:17:53	3
08:18:27	5	07:18:56	0	08:18:55	2
08:19:15	5	07:19:47	2	08:19:50	3
08:21:21	6	07:21:07	1	08:21:56	3
08:23:11	6	07:22:18	1	08:23:41	2
08:24:14	5	07:23:13	2	08:24:50	4
08:25:57	5	07:23:54	1	08:26:24	2
08:26:58	5	07:24:53	1	08:27:34	5
08:28:46	5	07:26:24	0	08:29:15	1
08:29:50	5	07:27:06	1	08:30:23	3
08:31:52	5	07:28:19	1	08:32:26	1
08:33:54	6	07:29:10	1	08:34:30	5
08:35:30	7	07:29:38	0	08:35:27	2
08:36:40	7	07:30:15	1	08:37:16	2
08:38:06	6	07:31:05	0	08:38:34	3
08:39:18	6	07:32:31	1	08:39:52	4
08:40:51	3	07:33:48	2	08:41:19	0
08:42:05	3	07:34:26	1	08:42:39	4
08:43:38	5	07:35:21	0	08:44:05	1
08:44:50	5	07:36:40	2	08:45:24	4
08:45:59	4	07:37:57	5	08:46:27	4
08:47:07	5	07:39:13	3	08:47:38	1
08:48:34	0	07:40:24	4	08:49:00	0
08:49:45	3	07:41:56	1	08:50:14	0
08:51:49	5	07:42:50	1	08:52:24	4
08:53:15	4	07:43:54	1	08:53:43	0
08:54:11	6	07:45:04	6	08:54:45	3





14343 / ABERGELE  
JULY 2023  
QUEUE LENGTH OBSERVATIONS

SITE: 2

DATE: 12/07/2023

LOCATION: A547 Market Street / A548 Water Street

DAY: Wednesday

Notes: All queues are recorded at the end of the red signal phase.

ARM A		ARM B		ARM C	
TIME AT END OF RED PHASE	LANE 1	TIME AT END OF RED PHASE	LANE 1	TIME AT END OF RED PHASE	LANE 1
08:55:30	1	07:46:44	5	08:55:58	1
08:56:33	4	07:48:58	2	08:57:08	1
08:58:02	4	07:49:45	0	08:58:30	1
08:59:08	4	07:51:19	3	08:59:45	0
09:00:38	3	07:52:38	7	09:01:09	1
09:01:41	3	07:54:36	1	09:02:16	3
09:02:46	5	07:56:44	2	09:03:14	1
09:03:37	5	07:59:11	3	09:04:14	1
09:05:07	6	08:00:42	7	09:05:36	1
09:05:58	6	08:02:44	3	09:06:34	3
09:07:31	6	08:05:12	9	09:07:58	2
09:08:37	6	08:07:08	5	09:09:14	2
09:09:46	6	08:09:30	12	09:10:15	2
09:10:43	6	08:12:08	6	09:11:19	2
09:12:45	5	08:14:07	8	09:13:21	2
09:13:51	5	08:16:33	8	09:14:18	2
09:14:51	5	08:17:50	2	09:15:26	1
09:16:20	5	08:19:49	2	09:16:50	1
09:17:32	5	08:21:54	6	09:18:08	4
09:19:02	1	08:24:47	7	09:19:30	1
09:20:05	4	08:27:31	11	09:20:41	3
09:21:17	5	08:30:21	7	09:21:44	1
09:22:19	5	08:32:25	8	09:22:53	3
09:23:34	0	08:34:28	10	09:24:01	0
09:24:42	4	08:37:14	13	09:25:00	2
09:25:40	5	08:39:51	7	09:26:12	4
09:26:28	5	08:42:37	16	09:27:03	1
09:28:24	5	08:45:22	9	09:28:59	1
09:30:12	5	08:47:36	23	09:30:48	2
09:31:18	2	08:50:12	22	09:31:48	3
09:32:24	3	08:52:22	9	09:32:44	2
09:33:24	1	08:54:44	9	09:33:52	1
09:34:30	3	08:57:06	12	09:34:49	2
09:35:29	2	08:59:42	13	09:35:59	2
09:36:19	4	09:02:15	20	09:36:45	1
09:37:23	2	09:04:11	15	09:37:50	1
09:38:26	5	09:06:31	13	09:39:00	4





14343 / ABERGELE  
JULY 2023  
QUEUE LENGTH OBSERVATIONS

SITE: 2

DATE: 12/07/2023

LOCATION: A547 Market Street / A548 Water Street

DAY: Wednesday

Notes: All queues are recorded at the end of the red signal phase.

ARM A		ARM B		ARM C	
TIME AT END OF RED PHASE	LANE 1	TIME AT END OF RED PHASE	LANE 1	TIME AT END OF RED PHASE	LANE 1
09:39:41	2	09:09:11	12	09:40:08	1
09:40:40	5	09:11:17	7	09:41:12	1
09:41:28	0	09:13:18	4	09:41:57	2
09:42:40	4	09:15:24	21	09:43:03	3
09:43:54	0	09:18:05	9	09:44:24	2
09:44:58	4	09:20:38	6	09:45:32	0
09:46:00	1	09:22:51	8	09:46:29	1
09:46:51	5	09:24:58	3	09:47:23	2
09:48:18	3	09:27:02	7	09:48:48	2
09:49:17	4	09:28:58	3	09:49:54	0
09:50:17	4	09:30:46	4	09:50:46	2
09:51:29	5	09:32:43	6	09:52:05	5
09:53:02	3	09:34:47	6	09:53:35	1
09:54:02	4	09:36:45	8	09:54:36	1
09:55:23	2	09:38:58	6	09:55:52	4
09:56:20	5	09:41:10	2	09:56:51	3
09:57:14	1	09:43:01	4	09:57:43	3
09:58:04	5	09:45:30	2	09:58:39	2
09:59:22	5	09:47:21	6	09:59:50	1
10:00:22	5	09:49:52	8	10:00:57	3
10:01:40	3	09:52:04	13	10:02:07	3
10:02:30	5	09:54:34	9	10:03:04	2
10:03:55	4	09:56:49	6	10:04:23	1
10:05:27	1	09:58:37	6	10:05:46	4
10:06:13	1	10:00:56	8	10:06:42	1
10:07:03	2	10:03:03	9	10:07:32	1
10:08:03	1	10:04:20	7	10:08:33	3
10:09:15	2	10:05:45	1	10:09:39	2
10:10:11	0	10:07:29	0	10:10:38	1
10:10:53	2	10:09:37	6	10:11:13	0
10:12:29	5	10:11:10	1	10:12:56	2
10:13:26	3	10:12:55	7	10:13:53	2
10:14:29	5	10:14:56	11	10:14:59	1
10:15:56	4	10:17:41	8	10:16:25	1
10:17:07	4	10:20:18	12	10:17:43	3
10:18:37	4	10:22:45	9	10:19:05	3
10:19:45	4	10:25:22	8	10:20:21	2





14343 / ABERGELE  
JULY 2023  
QUEUE LENGTH OBSERVATIONS

SITE: 2

DATE: 12/07/2023

LOCATION: A547 Market Street / A548 Water Street

DAY: Wednesday

Notes: All queues are recorded at the end of the red signal phase.

ARM A		ARM B		ARM C	
TIME AT END OF RED PHASE	LANE 1	TIME AT END OF RED PHASE	LANE 1	TIME AT END OF RED PHASE	LANE 1
10:21:04	6	10:27:51	9	10:21:35	4
10:22:12	6	10:30:29	7	10:22:46	1
10:23:45	2	10:32:17	8	10:24:13	2
10:24:47	4	10:34:22	6	10:25:26	1
10:26:10	2	10:36:32	12	10:26:38	2
10:27:17	5	10:38:35	21	10:27:54	3
10:28:53	4	10:39:58	13	10:29:22	4
10:29:56	4	10:42:06	17	10:30:31	0
10:30:59	4	10:44:21	25	10:31:27	1
10:31:44	4	10:46:42	17	10:32:19	2
10:32:52	5	10:48:51	12	10:33:21	2
10:33:49	5	10:51:00	11	10:34:23	3
10:35:01	5	10:52:51	12	10:35:31	2
10:35:58	5	10:55:02	5	10:36:35	3
10:37:07	3	10:57:06	4	10:37:35	0
10:38:08	5	10:58:46	6	10:38:35	2
10:39:42	1	11:00:34	8	10:40:00	2
10:40:39	4	11:02:39	10	10:41:08	5
10:41:36	5	11:04:46	10	10:42:09	3
10:42:35	1	11:06:42	16	10:43:15	4
10:43:47	4	11:08:56	15	10:44:22	0
10:45:02	4	11:11:07	20	10:45:35	1
10:46:08	5	11:13:11	18	10:46:44	2
10:47:21	1	11:15:14	16	10:47:51	5
10:48:23	6	11:17:26	15	10:48:53	3
10:49:32	3	11:19:33	8	10:50:04	1
10:50:26	5	11:21:33	8	10:51:01	1
10:51:41	2	11:23:43	4	10:52:08	7
10:52:26	5	11:25:56	6	10:52:52	4
10:53:28	2	11:28:12	9	10:53:56	0
10:54:28	5	11:30:14	7	10:55:05	4
10:55:43	1	11:32:30	12	10:56:12	5
10:56:42	4	11:34:41	9	10:57:08	0
10:57:39	0	11:36:42	5	10:58:07	4
10:58:30	2	11:38:40	8	10:58:50	2
10:59:24	1	11:40:42	9	10:59:52	2
11:00:06	4	11:42:49	9	11:00:36	2





SITE: 2

DATE: 12/07/2023

LOCATION: A547 Market Street / A548 Water Street

DAY: Wednesday

Notes: All queues are recorded at the end of the red signal phase.

ARM A		ARM B		ARM C	
TIME AT END OF RED PHASE	LANE 1	TIME AT END OF RED PHASE	LANE 1	TIME AT END OF RED PHASE	LANE 1
11:01:09	1	11:44:31	7	11:01:38	0
11:02:09	5	11:46:16	2	11:02:40	2
11:03:20	0	11:48:16	9	11:03:48	2
11:04:23	5	11:50:26	9	11:04:47	2
11:05:23	3	11:52:20	18	11:05:51	0
11:06:08	4	11:54:26	10	11:06:44	1
11:07:20	4	11:56:24	9	11:07:48	3
11:08:23	4	11:58:28	6	11:08:57	1
11:09:31	5	12:00:33	10	11:10:00	1
11:10:35	6	12:02:49	3	11:11:08	2
11:11:48	2	12:04:53	17	11:12:16	3
11:12:50	3	12:07:14	15	11:13:12	1
11:13:52	1	12:09:30	12	11:14:19	1
11:14:40	5	12:11:38	7	11:15:16	3
11:15:55	2	12:13:54	9	11:16:22	1
11:16:53	4	12:15:52	12	11:17:28	1
11:18:06	3	12:17:26	16	11:18:35	4
11:19:09	5	12:19:36	5	11:19:33	3
11:20:12	5	12:21:16	0	11:20:38	3
11:21:00	5	12:22:52	6	11:21:35	1
11:22:11	1	12:25:08	9	11:22:38	3
11:23:09	5	12:27:12	9	11:23:44	4
11:24:23	6	12:29:19	7	11:24:52	5
11:25:26	6	12:30:28	4	11:25:57	2
11:26:35	1	12:32:26	13	11:27:09	2
11:27:44	4	12:34:34	18	11:28:13	0
11:28:53	3	12:36:30	13	11:29:21	2
11:29:40	6	12:38:42	10	11:30:15	4
11:30:58	5	12:40:54	5	11:31:22	5
11:31:55	5	12:43:00	9	11:32:31	3
11:33:07	3	12:45:04	12	11:33:34	2
11:34:09	5	12:46:58	10	11:34:42	5
11:35:22	3	12:48:19	13	11:35:49	1
11:36:12	5	12:50:20	16	11:36:43	3
11:37:18	2	12:52:14	21	11:37:46	1
11:38:13	6	12:54:05	15	11:38:42	3
11:39:20	1	12:56:05	10	11:39:48	1





SITE: 2

DATE: 12/07/2023

LOCATION: A547 Market Street / A548 Water Street

DAY: Wednesday

Notes: All queues are recorded at the end of the red signal phase.

ARM A		ARM B		ARM C	
TIME AT END OF RED PHASE	LANE 1	TIME AT END OF RED PHASE	LANE 1	TIME AT END OF RED PHASE	LANE 1
11:40:15	4	12:58:17	18	11:40:43	1
11:41:17	1	13:00:05	10	11:41:45	2
11:42:20	5	13:01:58	8	11:42:50	4
11:43:24	2	13:04:04	12	11:43:52	2
11:44:11	3	13:05:32	7	11:44:32	2
11:45:41	5	13:07:26	7	11:46:17	3
11:46:56	2	13:08:43	3	11:47:24	4
11:47:43	3	13:09:51	7	11:48:17	2
11:48:59	4	13:11:47	8	11:49:24	5
11:49:52	5	13:13:26	13	11:50:27	5
11:51:07	1	13:14:54	11	11:51:34	5
11:52:01	3	13:17:08	8	11:52:21	2
11:53:01	0	13:18:40	4	11:53:28	4
11:54:04	2	13:20:44	10	11:54:26	5
11:55:06	1	13:22:56	16	11:55:33	2
11:56:06	3	13:24:33	6	11:56:25	1
11:57:06	1	13:26:42	7	11:57:32	3
11:57:54	4	13:28:22	0	11:58:29	1
11:58:57	5	13:30:12	13	11:59:25	1
11:59:59	5	13:32:22	11	12:00:34	2
12:01:14	5	13:34:35	14	12:01:41	4
12:02:14	5	13:36:47	12	12:02:51	2
12:03:29	5	13:38:49	7	12:03:57	2
12:04:23	6	13:41:10	6	12:04:55	2
12:05:35	4	13:43:26	9	12:06:06	4
12:06:41	4	13:45:29	12	12:07:15	3
12:07:58	5	13:47:34	7	12:08:22	3
12:08:58	5	13:49:39	9	12:09:31	2
12:10:11	5	13:51:55	12	12:10:38	7
12:11:05	5	13:53:53	13	12:11:38	3
12:12:19	1	13:55:48	10	12:12:45	5
12:13:21	6	13:57:49	9	12:13:55	6
12:14:35	0	13:59:46	10	12:15:01	2
12:15:36	2	14:01:14	1	12:15:53	4
12:17:04	3	14:02:39	9	12:17:27	1
12:18:06	3	14:04:40	11	12:18:35	4
12:19:09	5	14:06:57	17	12:19:37	3





14343 / ABERGELE  
JULY 2023  
QUEUE LENGTH OBSERVATIONS

SITE: 2

DATE: 12/07/2023

LOCATION: A547 Market Street / A548 Water Street

DAY: Wednesday

Notes: All queues are recorded at the end of the red signal phase.

ARM A		ARM B		ARM C	
TIME AT END OF RED PHASE	LANE 1	TIME AT END OF RED PHASE	LANE 1	TIME AT END OF RED PHASE	LANE 1
12:20:51	3	14:08:45	29	12:21:18	5
12:22:27	3	14:10:41	27	12:22:53	2
12:23:31	3	14:12:58	25	12:24:00	2
12:24:35	6	14:15:18	22	12:25:09	4
12:25:44	2	14:17:34	28	12:26:11	1
12:26:43	5	14:19:50	28	12:27:13	2
12:27:52	1	14:21:46	30	12:28:20	1
12:28:56	4	14:24:03	26	12:29:20	1
12:30:12	1	14:26:07	27	12:30:29	0
12:31:10	3	14:28:00	30	12:31:37	3
12:31:53	4	14:29:45	15	12:32:27	2
12:33:03	2	14:31:59	12	12:33:32	2
12:34:06	5	14:34:14	10	12:34:36	5
12:35:09	2	14:36:21	5	12:35:37	1
12:36:06	5	14:38:32	9	12:36:32	3
12:37:05	6	14:40:48	12	12:37:34	1
12:38:08	6	14:42:51	13	12:38:43	0
12:39:23	3	14:44:54	12	12:39:50	4
12:40:23	5	14:46:46	10	12:40:55	5
12:41:35	2	14:48:48	9	12:42:02	5
12:42:28	5	14:50:39	5	12:43:01	3
12:43:40	2	14:52:35	8	12:44:08	2
12:44:40	4	14:54:45	8	12:45:05	3
12:45:46	2	14:57:00	5	12:46:12	5
12:46:34	4	14:59:02	13	12:46:59	3
12:48:04	1	15:01:17	13	12:48:20	3
12:48:54	1	15:03:32	9	12:49:22	0
12:49:58	2	15:05:44	5	12:50:21	4
12:51:00	1	15:07:47	10	12:51:28	5
12:51:54	3	15:10:03	11	12:52:15	1
12:52:54	0	15:12:19	11	12:53:22	6
12:53:50	1	15:14:35	11	12:54:06	3
12:54:40	3	15:16:14	10	12:55:08	3
12:55:32	3	15:18:26	8	12:56:08	3
12:56:41	4	15:20:42	5	12:57:14	3
12:57:44	5	15:22:58	7	12:58:18	3
12:58:53	2	15:25:02	7	12:59:20	3





14343 / ABERGELE  
JULY 2023  
QUEUE LENGTH OBSERVATIONS

SITE: 2

DATE: 12/07/2023

LOCATION: A547 Market Street / A548 Water Street

DAY: Wednesday

Notes: All queues are recorded at the end of the red signal phase.

ARM A		ARM B		ARM C	
TIME AT END OF RED PHASE	LANE 1	TIME AT END OF RED PHASE	LANE 1	TIME AT END OF RED PHASE	LANE 1
12:59:47	3	15:27:11	5	13:00:06	3
13:00:45	1	15:29:27	11	13:01:15	5
13:01:37	3	15:31:38	12	13:02:00	5
13:02:35	1	15:33:28	11	13:03:01	3
13:03:31	5	15:35:42	14	13:04:07	1
13:05:16	1	15:37:51	13	13:05:34	2
13:06:10	2	15:39:56	7	13:06:41	4
13:07:04	5	15:42:16	10	13:07:29	1
13:08:25	2	15:44:27	7	13:08:44	3
13:09:30	4	15:46:36	10	13:09:52	1
13:10:27	2	15:48:52	5	13:10:54	1
13:11:28	3	15:50:32	12	13:11:50	6
13:12:09	1	15:52:49	15	13:12:37	3
13:12:57	4	15:55:05	19	13:13:29	3
13:14:26	3	15:57:26	21	13:14:56	2
13:15:34	2	15:59:38	35	13:16:02	1
13:16:38	5	16:01:54	40	13:17:12	3
13:18:08	2	16:03:53	37	13:18:44	1
13:19:20	3	16:06:50	40	13:19:50	3
13:20:10	4	16:08:17	34	13:20:48	1
13:21:25	1	16:10:32	29	13:21:52	4
13:22:28	3	16:12:49	27	13:22:57	4
13:24:08	5	16:14:56	36	13:24:35	3
13:25:12	2	16:16:44	37	13:25:39	1
13:26:15	6	16:18:59	34	13:26:44	1
13:28:03	2	16:20:30	26	13:28:25	3
13:28:51	3	16:22:45	24	13:29:20	2
13:29:39	5	16:24:58	25	13:30:13	5
13:30:52	1	16:27:13	28	13:31:21	5
13:31:50	5	16:29:24	26	13:32:23	2
13:33:02	3	16:31:40	21	13:33:31	4
13:34:02	6	16:33:50	22	13:34:38	2
13:35:11	2	16:36:05	28	13:35:42	4
13:36:13	5	16:38:21	24	13:36:49	3
13:37:30	3	16:40:37	29	13:37:57	1
13:38:19	5	16:42:38	36	13:38:52	2
13:39:30	2	16:44:55	37	13:40:02	5





SITE: 2

DATE: 12/07/2023

LOCATION: A547 Market Street / A548 Water Street

DAY: Wednesday

Notes: All queues are recorded at the end of the red signal phase.

ARM A		ARM B		ARM C	
TIME AT END OF RED PHASE	LANE 1	TIME AT END OF RED PHASE	LANE 1	TIME AT END OF RED PHASE	LANE 1
13:40:37	5	16:47:17	35	13:41:11	2
13:41:49	2	16:49:37	38	13:42:18	3
13:42:51	5	16:51:53	37	13:43:29	4
13:44:06	2	16:54:09	32	13:44:34	4
13:45:06	4	16:56:02	24	13:45:32	2
13:46:09	3	16:58:21	25	13:46:39	3
13:47:02	5	17:00:35	36	13:47:39	2
13:48:14	3	17:03:04	29	13:48:44	3
13:49:05	3	17:05:45	22	13:49:40	3
13:50:21	3	17:08:32	24	13:50:49	0
13:51:20	6	17:11:22	25	13:51:56	3
13:52:36	1	17:14:08	26	13:53:05	3
13:53:38	2	17:16:54	16	13:53:56	0
13:54:29	1	17:19:40	12	13:54:59	4
13:55:25	4	17:22:23	18	13:55:49	1
13:56:28	3	17:25:09	17	13:56:57	6
13:57:16	6	17:27:55	13	13:57:53	3
13:58:24	2	17:30:41	7	13:58:53	1
13:59:17	5	17:33:11	17	13:59:48	1
14:00:48	2	17:35:59	11	14:01:16	1
14:02:17	4	17:38:27	11	14:02:41	3
14:03:15	3	17:40:22	5	14:03:45	1
14:04:09	6	17:43:07	13	14:04:41	4
14:05:21	1	17:45:54	17	14:05:49	5
14:06:23	5	17:48:36	18	14:06:57	1
14:08:11	6	17:51:27	17	14:08:49	1
14:09:28	0	17:54:06	13	14:09:55	2
14:10:20	1	17:55:49	4	14:10:43	2
14:11:22	1	17:58:12	17	14:11:50	5
14:12:22	5	18:00:22	13	14:12:59	3
14:13:37	1	18:02:20	6	14:14:10	5
14:14:47	5	18:04:39	6	14:15:20	4
14:15:47	4	18:05:46	2	14:16:27	6
14:17:00	6	18:07:25	6	14:17:38	3
14:18:15	5	18:08:51	7	14:18:46	3
14:19:16	6	18:10:02	9	14:19:52	3
14:20:12	4	18:11:25	9	14:20:41	4





SITE: 2

DATE: 12/07/2023

LOCATION: A547 Market Street / A548 Water Street

DAY: Wednesday

Notes: All queues are recorded at the end of the red signal phase.

ARM A		ARM B		ARM C	
TIME AT END OF RED PHASE	LANE 1	TIME AT END OF RED PHASE	LANE 1	TIME AT END OF RED PHASE	LANE 1
14:21:12	5	18:13:02	5	14:21:48	1
14:22:28	4	18:15:10	5	14:22:55	5
14:23:30	6	18:17:22	10	14:24:03	6
14:24:41	5	18:19:50	18	14:25:10	3
14:25:33	5	18:22:21	10	14:26:08	2
14:26:47	0	18:24:43	8	14:27:15	3
14:27:44	1	18:26:38	11	14:28:01	2
14:29:11	5	18:28:35	10	14:29:46	0
14:30:25	1	18:30:27	7	14:30:53	5
14:31:25	6	18:31:47	4	14:31:59	3
14:32:38	2	18:33:19	4	14:33:14	3
14:33:41	5	18:34:36	3	14:34:17	1
14:34:55	0	18:35:37	5	14:35:23	5
14:35:58	3	18:37:11	7	14:36:22	2
14:37:01	1	18:38:48	6	14:37:30	4
14:38:03	5	18:40:34	9	14:38:33	3
14:39:12	0	18:42:58	8	14:38:42	4
14:40:15	5	18:45:00	5	14:40:50	3
14:41:30	4	18:46:58	8	14:41:59	2
14:42:18	5	18:48:33	7	14:42:54	0
14:43:32	2	18:50:40	9	14:43:59	3
14:44:34	3	18:53:02	5	14:44:57	4
14:45:35	1	18:55:11	9	14:46:04	6
14:46:27	3	18:56:56	5	14:46:47	2
14:47:25	2	18:59:05	5	14:47:56	4
14:48:17	4	19:01:04	14	14:48:50	3
14:49:29	0	19:02:07	8	14:49:56	4
14:50:14	1	19:03:42	3	14:50:40	3
14:51:19	5	19:04:57	3	14:51:45	1
14:52:07	5	19:05:58	3	14:52:36	3
14:53:16	1	19:07:42	9	14:53:44	5
14:54:13	4	19:09:27	4	14:54:48	2
14:55:27	5	19:10:59	4	14:55:55	4
14:56:27	5	19:12:01	4	14:57:01	3
14:57:33	5	19:13:16	9	14:58:02	2
14:58:27	5	19:14:30	6	14:59:03	2
14:59:42	6	19:16:11	8	15:00:11	2





14343 / ABERGELE  
JULY 2023  
QUEUE LENGTH OBSERVATIONS

SITE: 2

DATE: 12/07/2023

LOCATION: A547 Market Street / A548 Water Street

DAY: Wednesday

Notes: All queues are recorded at the end of the red signal phase.

ARM A		ARM B		ARM C	
TIME AT END OF RED PHASE	LANE 1	TIME AT END OF RED PHASE	LANE 1	TIME AT END OF RED PHASE	LANE 1
15:00:44	6	19:18:05	5	15:01:18	4
15:01:54	6	19:19:32	6	15:02:25	5
15:02:56	6	19:20:48	1	15:03:34	5
15:04:10	4	19:22:13	5	15:04:41	2
15:05:08	4	19:23:35	9	15:05:44	3
15:06:22	2	19:24:46	6	15:06:53	4
15:07:25	4	19:26:29	4	15:07:48	4
15:08:26	3	19:27:45	2	15:08:55	4
15:09:28	4	19:28:56	2	15:10:06	1
15:10:42	4	19:30:12	3	15:11:15	3
15:11:44	5	19:31:21	1	15:12:21	5
15:12:58	5	19:32:28	0	15:13:29	5
15:14:00	6	19:33:40	5	15:14:38	4
15:15:42	5	19:35:07	7	15:16:16	3
15:16:53	2	19:36:12	3	15:17:24	3
15:17:55	3	19:37:03	3	15:18:30	3
15:19:05	4	19:37:59	0	15:19:35	6
15:20:07	6	19:39:22	7	15:20:44	2
15:21:23	4	19:40:20	6	15:21:51	6
15:22:23	4	19:41:32	1	15:23:01	4
15:23:37	6	19:42:27	0	15:24:05	3
15:24:28	6	19:43:40	4	15:25:03	2
15:25:41	6	19:44:46	3	15:26:11	6
15:26:36	6	19:46:15	2	15:27:12	5
15:27:50	6	19:47:10	0	15:28:20	4
15:28:52	6	19:48:25	0	15:29:28	2
15:30:06	4	19:49:21	3	15:30:35	3
15:31:03	4	19:50:17	2	15:31:41	2
15:32:16	1	19:51:43	6	15:32:47	5
15:33:11	5	19:53:17	4	15:33:30	2
15:34:07	5	19:54:47	3	15:34:42	4
15:35:07	5	19:55:40	3	15:35:44	2
15:36:16	3	19:56:39	1	15:36:47	1
15:37:16	5	19:57:42	2	15:37:52	3
15:38:30	4	19:58:40	2	15:38:59	3
15:39:25	6			15:39:58	2
15:40:38	7			15:41:05	5





14343 / ABERGELE  
JULY 2023  
QUEUE LENGTH OBSERVATIONS

SITE: 2

DATE: 12/07/2023

LOCATION: A547 Market Street / A548 Water Street

DAY: Wednesday

Notes: All queues are recorded at the end of the red signal phase.

ARM A		ARM B		ARM C	
TIME AT END OF RED PHASE	LANE 1	TIME AT END OF RED PHASE	LANE 1	TIME AT END OF RED PHASE	LANE 1
15:41:36	7			15:42:13	8
15:42:50	6			15:43:22	3
15:43:52	6			15:44:29	2
15:44:58	2			15:45:29	6
15:46:00	4			15:46:37	4
15:47:14	6			15:47:44	6
15:48:16	6			15:48:56	4
15:50:05	5			15:50:34	3
15:51:11	2			15:51:41	2
15:52:13	6			15:52:53	2
15:53:27	2			15:53:58	3
15:54:29	6			15:55:05	6
15:55:43	1			15:56:18	0
15:56:50	4			15:57:28	3
15:58:01	3			15:58:34	0
15:59:03	5			15:59:39	6
16:00:16	1			16:00:46	3
16:01:18	5			16:01:56	2
16:02:34	4			16:03:03	2
16:03:18	5			16:03:55	2
16:04:27	3			16:04:56	4
16:05:29	5			16:06:04	4
16:06:39	1			16:07:10	2
16:07:41	5			16:08:18	4
16:08:55	1			16:09:25	0
16:09:57	4			16:10:34	4
16:11:11	6			16:11:42	4
16:12:13	6			16:12:52	5
16:13:27	1			16:14:01	5
16:14:26	5			16:14:58	3
16:16:15	5			16:16:45	2
16:17:22	2			16:17:58	7
16:18:28	4			16:19:02	3
16:19:57	5			16:20:31	3
16:21:08	1			16:21:41	3
16:22:09	3			16:22:46	1
16:23:23	1			16:23:54	2





SITE: 2

DATE: 12/07/2023

LOCATION: A547 Market Street / A548 Water Street

DAY: Wednesday

Notes: All queues are recorded at the end of the red signal phase.

ARM A		ARM B		ARM C	
TIME AT END OF RED PHASE	LANE 1	TIME AT END OF RED PHASE	LANE 1	TIME AT END OF RED PHASE	LANE 1
16:24:25	5			16:24:59	3
16:25:36	3			16:26:07	3
16:26:38	5			16:27:15	4
16:27:47	3			16:28:20	2
16:28:49	6			16:29:27	4
16:30:03	0			16:30:36	2
16:31:05	3			16:31:43	4
16:32:19	2			16:32:50	4
16:33:20	5			16:33:53	2
16:34:28	3			16:34:59	0
16:35:30	5			16:36:08	2
16:36:44	1			16:37:14	7
16:37:46	5			16:38:22	4
16:39:00	1			16:39:31	4
16:40:02	4			16:40:41	6
16:41:16	1			16:41:46	6
16:42:18	3			16:42:42	5
16:43:17	4			16:43:48	4
16:44:19	4			16:44:57	3
16:45:33	4			16:46:10	3
16:46:40	6			16:47:19	6
16:47:55	3			16:48:32	1
16:49:02	6			16:49:41	4
16:50:15	5			16:50:45	5
16:51:17	6			16:51:55	3
16:52:31	5			16:53:05	4
16:53:33	5			16:54:11	4
16:55:27	4			16:56:04	4
16:56:42	2			16:57:18	6
16:57:48	5			16:58:24	3
16:59:00	4			16:59:30	8
17:00:03	5			17:00:38	4
17:01:28	5			17:01:56	5
17:02:28	5			17:03:06	4
17:04:03	5			17:04:34	2
17:05:10	5			17:05:48	1
17:06:44	6			17:07:14	2





14343 / ABERGELE  
JULY 2023  
QUEUE LENGTH OBSERVATIONS

SITE: 2

DATE: 12/07/2023

LOCATION: A547 Market Street / A548 Water Street

DAY: Wednesday

Notes: All queues are recorded at the end of the red signal phase.

ARM A		ARM B		ARM C	
TIME AT END OF RED PHASE	LANE 1	TIME AT END OF RED PHASE	LANE 1	TIME AT END OF RED PHASE	LANE 1
17:07:59	6			17:08:33	1
17:09:32	4			17:10:07	6
17:10:47	5			17:11:24	5
17:12:21	6			17:12:51	6
17:13:33	6			17:14:11	3
17:15:07	5			17:15:40	0
17:16:22	6			17:16:56	5
17:17:53	5			17:18:24	3
17:19:07	5			17:19:43	4
17:20:36	5			17:21:06	4
17:21:48	6			17:22:24	2
17:23:22	5			17:23:51	5
17:24:34	5			17:25:10	3
17:26:09	6			17:26:38	4
17:27:20	6			17:27:58	1
17:28:54	5			17:29:23	4
17:30:06	5			17:30:42	4
17:31:40	5			17:32:10	1
17:32:52	5			17:33:12	3
17:34:10	5			17:34:44	4
17:35:24	5			17:36:00	4
17:36:47	6			17:37:17	0
17:37:53	6			17:38:29	3
17:39:47	6			17:40:22	4
17:41:21	5			17:41:50	3
17:42:33	5			17:43:09	3
17:44:02	5			17:44:36	3
17:45:18	6			17:45:55	2
17:48:01	5			17:47:18	0
17:49:35	4			17:48:38	1
17:50:52	5			17:50:09	0
17:52:21	3			17:51:29	3
17:53:34	6			17:52:51	3
17:55:22	3			17:54:08	4
17:56:48	1			17:55:51	1
17:57:46	5			17:57:18	3
17:59:53	3			17:58:13	0





SITE: 2

DATE: 12/07/2023

LOCATION: A547 Market Street / A548 Water Street

DAY: Wednesday

Notes: All queues are recorded at the end of the red signal phase.

ARM A		ARM B		ARM C	
TIME AT END OF RED PHASE	LANE 1	TIME AT END OF RED PHASE	LANE 1	TIME AT END OF RED PHASE	LANE 1
18:01:52	5			18:00:22	2
18:03:09	2			18:02:25	3
18:04:14	5			18:03:41	2
18:05:28	0			18:04:42	4
18:07:05	3			18:05:49	2
18:08:25	5			18:07:27	2
18:09:39	3			18:08:53	1
18:10:54	5			18:10:05	0
18:12:41	3			18:11:28	2
18:13:40	2			18:13:05	1
18:14:36	4			18:14:12	5
18:15:48	1			18:15:13	1
18:16:54	6			18:16:21	3
18:18:21	4			18:17:25	1
18:19:15	4			18:18:50	1
18:20:49	6			18:19:53	3
18:21:49	6			18:21:26	0
18:23:20	2			18:22:25	2
18:24:10	5			18:23:52	3
18:25:19	1			18:24:46	3
18:26:18	4			18:25:48	1
18:27:18	2			18:26:40	1
18:28:09	5			18:27:48	3
18:29:12	1			18:28:37	0
18:30:12	2			18:29:08	0
18:31:29	4			18:29:40	1
18:32:44	5			18:30:28	1
18:34:18	3			18:31:49	1
18:35:18	2			18:33:20	1
18:36:04	0			18:34:37	2
18:36:47	5			18:35:40	3
18:38:28	4			18:36:30	3
18:39:13	1			18:37:10	1
18:40:12	3			18:38:50	1
18:41:32	1			18:39:41	2
18:42:35	3			18:40:35	2
18:43:38	1			18:42:02	3





SITE: 2

DATE: 12/07/2023

LOCATION: A547 Market Street / A548 Water Street

DAY: Wednesday

Notes: All queues are recorded at the end of the red signal phase.

ARM A		ARM B		ARM C	
TIME AT END OF RED PHASE	LANE 1	TIME AT END OF RED PHASE	LANE 1	TIME AT END OF RED PHASE	LANE 1
18:44:34	6			18:42:59	3
18:45:37	2			18:44:07	0
18:46:24	5			18:45:01	2
18:47:28	3			18:46:05	2
18:48:12	3			18:47:00	1
18:49:13	4			18:47:56	3
18:50:07	5			18:48:34	3
18:51:30	2			18:49:41	0
18:52:28	4			18:50:41	1
18:53:48	0			18:52:02	2
18:54:38	6			18:53:03	1
18:55:43	1			18:54:17	0
18:56:26	5			18:55:13	0
18:58:32	5			18:56:11	4
18:59:48	0			18:56:59	1
19:00:47	0			18:59:07	1
19:01:49	1			19:00:17	1
19:03:14	5			19:01:07	0
19:04:33	3			19:02:10	1
19:05:39	2			19:03:45	2
19:06:16	0			19:05:01	2
19:07:08	2			19:06:05	0
19:08:12	0			19:06:48	0
19:09:04	3			19:07:45	3
19:10:35	3			19:08:45	0
19:11:44	1			19:09:30	1
19:12:35	2			19:11:03	1
19:14:07	1			19:12:02	4
19:15:00	1			19:13:17	0
19:15:44	3			19:14:31	2
19:16:50	2			19:15:28	2
19:17:44	2			19:16:12	0
19:19:10	3			19:17:21	2
19:20:24	4			19:18:07	3
19:21:53	1			19:19:32	2
19:22:29	0			19:20:51	2
19:23:17	0			19:22:13	1





SITE: 2

DATE: 12/07/2023

LOCATION: A547 Market Street / A548 Water Street

DAY: Wednesday

Notes: All queues are recorded at the end of the red signal phase.

ARM A		ARM B		ARM C	
TIME AT END OF RED PHASE	LANE 1	TIME AT END OF RED PHASE	LANE 1	TIME AT END OF RED PHASE	LANE 1
19:24:26	2			19:22:59	1
19:25:09	1			19:23:37	1
19:26:02	2			19:24:48	3
19:27:25	3			19:25:11	0
19:28:38	1			19:26:33	1
19:29:45	3			19:27:49	1
19:30:55	1			19:29:00	1
19:31:58	2			19:31:17	2
19:33:16	3			19:32:32	1
19:33:59	0			19:33:45	1
19:34:49	1			19:34:32	2
19:35:50	2			19:35:11	2
19:36:27	2			19:36:16	1
19:37:42	0			19:37:06	0
19:38:18	0			19:38:03	1
19:39:02	2			19:38:51	3
19:40:02	2			19:39:26	1
19:41:09	2			19:40:24	0
19:42:09	1			19:41:36	2
19:43:20	3			19:42:32	1
19:44:26	2			19:43:46	2
19:45:04	0			19:44:51	1
19:45:48	1			19:45:36	2
19:46:53	0			19:46:20	0
19:48:08	2			19:47:14	1
19:49:04	1			19:48:29	1
19:49:55	1			19:49:24	1
19:50:37	1			19:50:21	2
19:51:21	2			19:51:10	0
19:52:06	0			19:51:49	2
19:52:55	3			19:52:44	1
19:53:36	1			19:53:22	1
19:54:20	5			19:54:07	1
19:55:23	0			19:54:48	2
19:56:22	0			19:55:41	2
19:57:18	5			19:56:40	0
19:58:21	0			19:57:43	0





SITE: 2

DATE: 12/07/2023

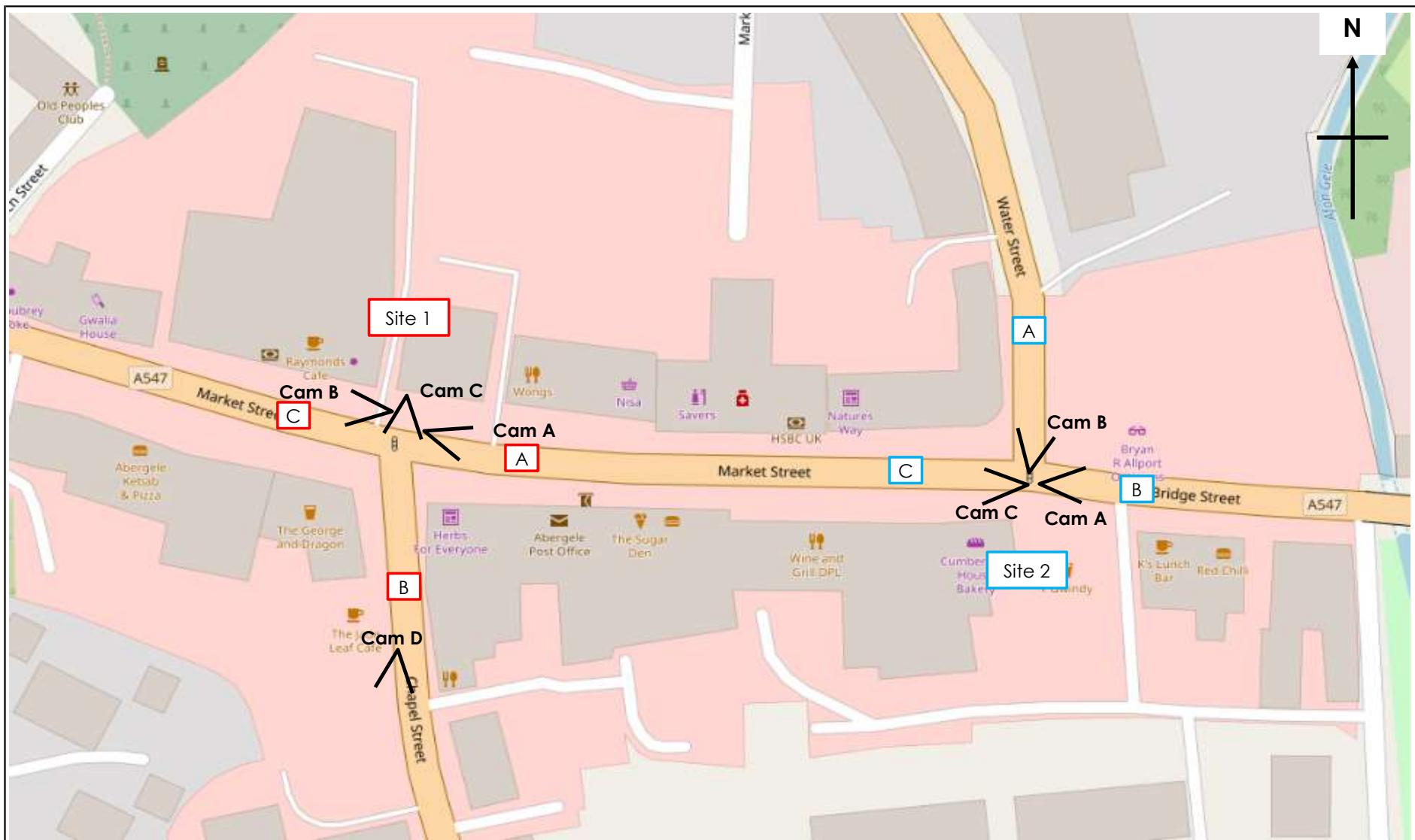
LOCATION: A547 Market Street / A548 Water Street


DAY: Wednesday

Notes: All queues are recorded at the end of the red signal phase.

ARM A		ARM B		ARM C	
TIME AT END OF RED PHASE	LANE 1	TIME AT END OF RED PHASE	LANE 1	TIME AT END OF RED PHASE	LANE 1
19:58:59	0			19:58:41	1
19:59:43	4			19:59:28	1
MAX	7	MAX	40	MAX	8





	<b>Site / Location:</b> Site 1, A547 Market Street / A548 Chapel Street & Site 2, A547 Market Street / A548 Water Street	<b>Project No:</b> 14343	<b>Drawing No:</b> 14343-01	<b>Drawn By:</b> MN
	<b>Survey Date:</b> Wednesday 9th August 2023	<b>Project Name:</b> Abergele		
	<b>Survey Times:</b> 06:00 to 20:00	<b>Drawing Title:</b> Site Layout and Observed Movements		



SITE: 1

DATE: 09/08/2023

LOCATION: A547 Market Street / A548 Chapel Street

DAY: Wednesday

Notes: All queues are recorded at the end of the red signal phase.

ARM A		ARM B		ARM C	
TIME AT END OF RED PHASE	LANE 1	TIME AT END OF RED PHASE	LANE 1	TIME AT END OF RED PHASE	LANE 1
06:00:12	0	06:01:12	1	06:00:13	0
06:01:26	1	06:02:03	2	06:00:58	0
06:02:18	0	06:02:31	1	06:01:50	0
06:02:44	0	06:14:02	1	06:02:17	0
06:04:24	0	06:15:33	1	06:02:44	1
06:04:51	0	06:16:00	1	06:04:25	0
06:05:56	0	06:22:35	1	06:04:53	0
06:10:04	0	06:23:06	1	06:05:56	0
06:11:18	0	06:27:44	1	06:06:35	0
06:12:42	0	06:30:02	2	06:08:05	0
06:14:14	0	06:30:29	1	06:08:57	0
06:15:46	0	06:31:42	1	06:10:04	0
06:16:13	0	06:32:32	1	06:11:18	0
06:16:55	0	06:34:50	2	06:12:43	0
06:20:11	0	06:35:17	1	06:14:15	0
06:21:14	0	06:36:56	3	06:14:50	0
06:22:49	0	06:39:08	1	06:15:47	0
06:23:21	0	06:40:10	2	06:16:14	0
06:23:48	0	06:42:30	1	06:16:55	0
06:24:44	0	06:45:40	1	06:18:40	0
06:25:50	0	06:46:48	2	06:20:11	0
06:27:04	0	06:47:40	1	06:21:15	0
06:27:59	0	06:51:08	2	06:22:22	0
06:28:27	0	06:52:51	2	06:22:49	0
06:29:13	0	06:56:45	3	06:23:22	0
06:29:49	0	06:58:13	1	06:23:48	0
06:30:17	0	06:58:49	2	06:24:45	1
06:30:45	0	06:59:19	1	06:25:51	0
06:31:55	0	07:01:54	1	06:27:04	0
06:32:45	0	07:03:03	3	06:28:00	0
06:35:05	0	07:05:19	3	06:28:27	0
06:35:32	0	07:06:10	4	06:29:13	0
06:36:17	0	07:10:00	4	06:29:50	0
06:37:16	0	07:11:09	2	06:30:18	0
06:38:47	0	07:13:02	1	06:30:45	0
06:39:19	0	07:13:47	1	06:32:18	1
06:40:25	0	07:15:46	2	06:33:10	0
06:41:51	0	07:16:33	1	06:33:47	0
06:42:43	0	07:17:45	3	06:35:06	0
06:43:34	0	07:18:28	1	06:35:33	0
06:45:54	0	07:19:40	2	06:36:44	0



SITE: 1

DATE: 09/08/2023

LOCATION: A547 Market Street / A548 Chapel Street

DAY: Wednesday

Notes: All queues are recorded at the end of the red signal phase.

ARM A		ARM B		ARM C	
TIME AT END OF RED PHASE	LANE 1	TIME AT END OF RED PHASE	LANE 1	TIME AT END OF RED PHASE	LANE 1
06:47:02	0	07:20:46	2	06:37:41	0
06:47:53	0	07:21:59	3	06:38:18	0
06:48:44	1	07:22:53	1	06:38:47	0
06:50:38	0	07:24:21	1	06:39:20	0
06:51:27	0	07:25:28	4	06:39:53	1
06:52:19	0	07:26:34	3	06:40:25	1
06:53:05	1	07:27:51	1	06:41:52	0
06:54:03	0	07:28:43	4	06:42:44	0
06:56:58	0	07:29:50	1	06:43:34	1
06:57:53	0	07:30:52	2	06:44:15	3
06:58:27	0	07:32:09	3	06:44:49	3
06:59:02	0	07:32:47	1	06:45:28	0
06:59:37	0	07:33:43	2	06:45:55	0
07:00:13	0	07:35:08	8	06:46:28	0
07:02:08	0	07:36:35	1	06:47:25	1
07:03:20	0	07:38:18	4	06:47:55	0
07:04:40	0	07:39:37	2	06:49:10	1
07:05:34	0	07:40:41	6	06:49:47	1
07:06:29	0	07:41:53	2	06:50:39	0
07:07:19	0	07:43:13	1	06:51:28	0
07:10:22	0	07:44:49	1	06:52:20	0
07:11:23	0	07:46:32	7	06:53:28	1
07:12:47	0	07:48:07	7	06:54:26	1
07:13:17	0	07:49:54	3	06:55:32	0
07:14:04	0	07:51:18	6	06:56:16	0
07:15:03	0	07:53:05	13	06:57:24	0
07:16:05	0	07:55:17	11	06:57:54	0
07:16:48	0	07:57:15	6	06:59:04	1
07:18:01	0	07:58:52	1	06:59:37	0
07:18:39	0	08:00:15	5	07:00:13	0
07:19:59	0	08:01:33	6	07:02:31	1
07:20:57	0	08:03:18	4	07:03:51	2
07:22:13	0	08:04:45	4	07:05:06	1
07:23:06	0	08:06:50	9	07:05:57	1
07:23:37	0	08:09:07	10	07:06:52	0
07:24:39	0	08:11:20	11	07:07:42	1
07:25:45	0	08:13:13	10	07:09:43	3
07:26:50	0	08:15:12	5	07:10:45	1
07:28:06	0	08:16:58	1	07:11:24	1
07:29:05	0	08:18:19	3	07:12:19	2
07:30:05	0	08:20:22	11	07:12:47	0





SITE: 1

DATE: 09/08/2023

LOCATION: A547 Market Street / A548 Chapel Street

DAY: Wednesday

Notes: All queues are recorded at the end of the red signal phase.

ARM A		ARM B		ARM C	
TIME AT END OF RED PHASE	LANE 1	TIME AT END OF RED PHASE	LANE 1	TIME AT END OF RED PHASE	LANE 1
07:31:15	0	08:22:01	2	07:13:18	1
07:32:24	0	08:23:07	4	07:14:34	1
07:33:01	1	08:25:52	4	07:15:03	0
07:33:58	0	08:27:55	3	07:16:05	0
07:35:34	0	08:30:16	9	07:16:48	0
07:36:50	0	08:32:37	5	07:18:00	0
07:38:37	2	08:34:06	12	07:18:39	0
07:39:51	0	08:36:17	12	07:19:24	1
07:41:04	0	08:38:16	8	07:20:25	2
07:42:08	0	08:40:38	6	07:21:22	2
07:43:37	1	08:42:46	9	07:22:37	2
07:45:05	0	08:44:46	6	07:23:06	1
07:46:55	1	08:46:52	10	07:23:37	0
07:48:39	1	08:48:58	4	07:25:03	3
07:50:19	0	08:50:43	10	07:26:10	1
07:51:40	2	08:53:17	3	07:26:50	0
07:53:37	1	08:55:02	1	07:27:34	1
07:55:47	0	08:57:09	16	07:28:28	1
07:57:40	0	08:59:37	11	07:29:28	0
07:59:06	0	09:01:53	8	07:30:31	2
08:00:36	0	09:04:17	8	07:31:46	0
08:02:00	0	09:06:58	10	07:33:29	2
08:03:38	0	09:08:51	4	07:34:28	2
08:05:06	0	09:11:20	5	07:36:04	6
08:07:24	1	09:13:14	9	07:37:12	2
08:09:39	0	09:14:47	2	07:39:05	3
08:11:52	0	09:15:55	8	07:40:16	3
08:13:44	1	09:18:13	8	07:41:29	2
08:15:33	1	09:20:42	9	07:42:35	4
08:17:14	1	09:22:37	7	07:44:11	2
08:18:36	1	09:24:45	7	07:45:37	1
08:20:52	0	09:27:00	3	07:47:23	7
08:22:13	0	09:28:30	3	07:49:12	0
08:23:38	0	09:29:46	3	07:50:47	5
08:26:13	0	09:32:09	8	07:52:05	4
08:28:13	3	09:34:30	7	07:54:20	3
08:30:46	0	09:36:24	11	07:56:46	6
08:32:58	1	09:38:47	5	07:58:08	5
08:34:41	2	09:40:45	4	07:59:30	1
08:36:52	2	09:42:58	7	08:00:12	0
08:38:47	1	09:45:27	12	08:01:13	6



SITE: 1

DATE: 09/08/2023

LOCATION: A547 Market Street / A548 Chapel Street

DAY: Wednesday

Notes: All queues are recorded at the end of the red signal phase.

ARM A		ARM B		ARM C	
TIME AT END OF RED PHASE	LANE 1	TIME AT END OF RED PHASE	LANE 1	TIME AT END OF RED PHASE	LANE 1
08:41:15	2	09:47:46	10	08:02:41	4
08:43:19	1	09:50:23	6	08:04:04	3
08:45:07	5	09:53:05	12	08:05:29	3
08:47:25	1	09:55:38	6	08:07:57	7
08:49:17	0	09:57:37	10	08:10:15	7
08:51:19	3	09:59:51	3	08:11:53	0
08:53:32	2	10:01:54	6	08:14:18	7
08:55:10	5	10:04:03	10	08:16:04	1
08:57:51	3	10:06:43	9	08:17:44	2
09:00:16	4	10:08:44	7	08:19:04	2
09:02:24	2	10:11:15	8	08:21:33	6
09:04:58	3	10:14:08	13	08:22:44	4
09:07:26	4	10:16:49	12	08:24:02	3
09:09:14	2	10:19:29	10	08:26:56	7
09:11:41	0	10:22:11	9	08:28:53	1
09:13:43	1	10:25:00	8	08:31:23	1
09:15:01	0	10:27:37	8	08:33:40	3
09:16:23	4	10:30:05	10	08:35:13	6
09:18:41	3	10:31:47	4	08:37:16	3
09:21:11	1	10:33:52	2	08:39:29	8
09:23:14	0	10:35:45	9	08:41:58	4
09:25:11	6	10:37:42	8	08:43:50	3
09:27:24	3	10:39:56	8	08:45:49	12
09:28:45	3	10:42:14	4	08:48:09	15
09:30:14	4	10:44:17	3	08:49:47	5
09:32:48	1	10:46:29	9	08:52:03	6
09:34:54	3	10:48:43	4	08:54:06	6
09:36:57	3	10:50:22	3	08:55:52	5
09:39:09	2	10:52:23	8	08:58:32	8
09:41:10	0	10:54:31	8	09:00:59	6
09:43:38	5	10:56:41	13	09:02:57	2
09:46:04	6	10:58:49	8	09:05:41	4
09:48:21	1	11:01:04	13	09:08:06	10
09:51:01	2	11:03:19	15	09:09:55	12
09:53:42	6	11:05:32	13	09:12:21	7
09:56:00	5	11:07:28	9	09:14:13	1
09:58:10	4	11:09:04	11	09:15:25	4
10:00:11	2	11:11:10	5	09:16:58	6
10:02:19	1	11:13:25	10	09:19:24	10
10:04:44	0	11:15:40	12	09:21:43	9
10:07:11	1	11:17:29	11	09:23:57	10





SITE: 1

DATE: 09/08/2023

LOCATION: A547 Market Street / A548 Chapel Street

DAY: Wednesday

Notes: All queues are recorded at the end of the red signal phase.

ARM A		ARM B		ARM C	
TIME AT END OF RED PHASE	LANE 1	TIME AT END OF RED PHASE	LANE 1	TIME AT END OF RED PHASE	LANE 1
10:09:11	3	11:19:44	7	09:25:54	7
10:11:57	1	11:22:00	11	09:28:01	4
10:14:47	3	11:24:16	1	09:29:14	3
10:17:30	6	11:26:15	11	09:30:53	3
10:20:06	4	11:28:30	13	09:33:24	8
10:22:53	3	11:30:47	11	09:35:36	5
10:25:31	5	11:33:02	7	09:37:24	17
10:28:04	0	11:35:18	6	09:39:47	6
10:30:36	2	11:37:36	6	09:41:53	4
10:32:08	5	11:39:50	8	09:44:11	4
10:34:13	1	11:42:05	10	09:46:47	11
10:36:13	3	11:44:20	8	09:49:01	14
10:38:13	4	11:46:33	13	09:51:44	10
10:40:24	3	11:48:55	7	09:54:22	8
10:42:30	2	11:51:10	13	09:56:39	8
10:44:45	3	11:53:21	9	09:58:53	3
10:47:01	2	11:55:35	12	10:00:52	6
10:49:00	2	11:57:50	10	10:02:53	10
10:50:45	6	12:00:04	4	10:05:27	11
10:52:52	4	12:02:08	3	10:07:53	6
10:55:02	4	12:04:04	10	10:09:54	10
10:57:12	4	12:06:15	9	10:12:39	14
10:59:19	6	12:08:29	10	10:15:30	11
11:01:36	3	12:10:44	12	10:18:11	7
11:03:53	3	12:13:00	11	10:20:49	4
11:06:03	2	12:15:18	12	10:23:34	14
11:07:58	5	12:17:29	10	10:26:13	9
11:09:36	2	12:19:42	15	10:28:42	7
11:11:40	6	12:22:01	13	10:31:16	8
11:13:55	2	12:24:17	14	10:32:47	9
11:16:10	5	12:26:33	14	10:34:46	7
11:18:00	7	12:28:49	7	10:36:39	13
11:20:16	2	12:30:58	1	10:38:55	11
11:22:32	6	12:33:00	9	10:41:07	10
11:24:29	5	12:35:15	9	10:43:13	9
11:26:45	4	12:37:32	5	10:45:27	3
11:29:02	2	12:39:32	9	10:47:43	4
11:31:17	6	12:41:47	8	10:49:24	3
11:33:33	6	12:44:03	9	10:51:21	4
11:35:49	4	12:46:19	6	10:53:27	7
11:38:04	5	12:48:27	8	10:55:44	8



SITE: 1

DATE: 09/08/2023

LOCATION: A547 Market Street / A548 Chapel Street

DAY: Wednesday

Notes: All queues are recorded at the end of the red signal phase.

ARM A		ARM B		ARM C	
TIME AT END OF RED PHASE	LANE 1	TIME AT END OF RED PHASE	LANE 1	TIME AT END OF RED PHASE	LANE 1
11:40:20	4	12:50:42	5	10:57:49	3
11:42:35	3	12:52:47	10	11:00:00	10
11:44:48	4	12:54:56	8	11:02:18	10
11:47:04	5	12:57:06	7	11:04:29	6
11:49:25	5	12:59:15	8	11:06:45	9
11:51:41	6	13:01:24	14	11:08:28	5
11:53:50	2	13:03:34	10	11:10:10	2
11:56:06	4	13:05:53	7	11:12:21	8
11:58:22	4	13:07:38	2	11:14:37	15
12:00:25	2	13:09:33	11	11:16:52	16
12:02:31	2	13:11:48	4	11:18:43	14
12:04:35	4	13:13:39	2	11:20:58	9
12:06:44	6	13:15:56	12	11:23:14	11
12:09:00	6	13:18:11	10	11:25:12	18
12:11:16	7	13:20:26	6	11:27:27	16
12:13:32	3	13:22:35	12	11:29:44	16
12:15:48	6	13:24:46	10	11:32:00	16
12:18:01	1	13:26:50	6	11:34:15	18
12:20:12	2	13:28:52	7	11:36:31	18
12:22:33	5	13:30:47	7	11:38:49	26
12:24:48	6	13:32:59	8	11:41:03	26
12:27:05	7	13:35:08	4	11:43:18	24
12:29:15	6	13:37:01	9	11:45:30	19
12:31:20	4	13:39:15	10	11:47:47	25
12:33:31	3	13:41:25	2	11:50:06	18
12:35:46	4	13:43:06	2	11:52:17	16
12:37:47	4	13:44:56	9	11:54:34	12
12:40:03	3	13:47:12	11	11:56:49	11
12:42:19	3	13:49:34	9	11:59:02	9
12:44:35	2	13:51:54	8	12:01:05	12
12:46:42	3	13:53:58	3	12:03:02	6
12:48:58	3	13:55:58	8	12:05:09	9
12:51:03	2	13:58:10	8	12:07:26	14
12:53:13	6	14:00:08	6	12:09:42	9
12:55:24	3	14:02:29	5	12:11:57	15
12:57:30	5	14:04:33	4	12:14:13	10
12:59:45	4	14:06:39	6	12:16:21	11
13:01:55	4	14:08:22	6	12:18:42	7
13:04:08	4	14:10:43	13	12:20:53	18
13:06:17	5	14:12:41	13	12:23:13	23
13:07:53	0	14:14:56	9	12:25:30	20



SITE: 1

DATE: 09/08/2023

LOCATION: A547 Market Street / A548 Chapel Street

DAY: Wednesday

Notes: All queues are recorded at the end of the red signal phase.

ARM A		ARM B		ARM C	
TIME AT END OF RED PHASE	LANE 1	TIME AT END OF RED PHASE	LANE 1	TIME AT END OF RED PHASE	LANE 1
13:10:04	2	14:17:15	5	12:27:46	22
13:12:07	2	14:19:10	11	12:29:56	17
13:14:11	3	14:21:10	3	12:32:01	17
13:16:27	1	14:23:23	5	12:34:12	14
13:18:42	5	14:25:20	11	12:36:27	14
13:20:53	3	14:27:12	11	12:38:29	16
13:23:08	4	14:29:14	4	12:40:44	26
13:25:15	0	14:31:00	14	12:43:00	25
13:27:14	4	14:32:54	7	12:45:16	22
13:29:16	3	14:34:54	10	12:47:24	21
13:31:12	4	14:37:09	6	12:49:40	22
13:33:25	2	14:39:14	11	12:51:44	23
13:35:27	2	14:41:26	7	12:53:54	20
13:37:31	2	14:43:42	8	12:56:03	22
13:39:47	2	14:45:53	8	12:58:12	20
13:41:38	2	14:47:50	3	13:00:21	15
13:43:19	6	14:49:57	4	13:02:35	17
13:45:28	5	14:51:58	10	13:04:50	13
13:47:43	1	14:54:14	9	13:06:59	12
13:50:05	4	14:56:27	7	13:08:30	12
13:52:25	5	14:58:43	10	13:10:46	12
13:54:13	7	15:00:58	5	13:12:36	13
13:56:24	2	15:03:21	11	13:14:52	13
13:58:40	3	15:05:36	12	13:17:07	8
14:00:38	5	15:07:48	15	13:19:24	5
14:02:49	7	15:09:42	7	13:21:35	6
14:04:53	5	15:11:55	15	13:23:46	8
14:07:03	3	15:14:14	17	13:25:54	7
14:08:52	4	15:16:30	9	13:27:55	6
14:11:12	1	15:18:51	4	13:29:44	16
14:13:12	6	15:21:00	10	13:31:55	19
14:15:28	4	15:23:15	9	13:34:01	16
14:17:38	3	15:25:31	11	13:35:57	11
14:19:41	4	15:27:37	10	13:38:13	6
14:21:38	5	15:29:53	14	13:40:27	7
14:23:44	5	15:32:09	9	13:42:02	8
14:25:51	3	15:34:25	7	13:43:54	11
14:27:41	4	15:36:36	5	13:46:13	11
14:29:32	4	15:38:43	8	13:48:26	12
14:31:31	0	15:40:53	13	13:50:47	12
14:33:09	5	15:43:09	11	13:52:52	15





SITE: 1

DATE: 09/08/2023

LOCATION: A547 Market Street / A548 Chapel Street

DAY: Wednesday

Notes: All queues are recorded at the end of the red signal phase.

ARM A		ARM B		ARM C	
TIME AT END OF RED PHASE	LANE 1	TIME AT END OF RED PHASE	LANE 1	TIME AT END OF RED PHASE	LANE 1
14:35:24	2	15:45:32	8	13:55:01	11
14:37:33	3	15:47:46	5	13:57:06	14
14:39:45	5	15:49:50	6	13:59:04	7
14:41:56	3	15:51:58	10	14:01:22	9
14:44:12	4	15:54:08	8	14:03:31	10
14:46:18	3	15:56:16	4	14:05:36	14
14:48:12	7	15:58:13	10	14:07:46	12
14:50:13	3	16:00:34	11	14:09:34	10
14:52:29	5	16:02:51	4	14:11:44	6
14:54:41	3	16:05:02	11	14:13:55	15
14:56:57	3	16:07:12	10	14:16:11	20
14:59:13	6	16:09:23	4	14:18:08	19
15:01:29	5	16:11:32	3	14:20:07	20
15:03:50	5	16:13:50	11	14:22:22	26
15:06:05	5	16:15:43	10	14:24:18	18
15:08:18	2	16:17:48	8	14:26:33	15
15:10:12	6	16:20:05	6	14:28:12	15
15:12:24	5	16:22:16	10	14:29:57	17
15:14:45	3	16:24:33	10	14:32:15	16
15:17:01	3	16:26:28	10	14:33:53	9
15:19:09	4	16:28:40	7	14:36:06	15
15:21:31	5	16:30:52	8	14:38:11	13
15:23:46	4	16:33:09	6	14:40:18	20
15:26:00	2	16:35:19	6	14:42:37	23
15:28:07	5	16:37:18	1	14:44:49	25
15:30:23	2	16:39:16	13	14:46:48	20
15:32:39	0	16:41:30	12	14:48:54	21
15:34:50	2	16:43:43	12	14:50:54	18
15:36:57	4	16:45:56	11	14:53:13	8
15:39:07	2	16:48:13	11	14:55:24	12
15:41:24	5	16:50:30	14	14:57:40	13
15:43:39	6	16:52:45	7	14:59:55	14
15:46:01	4	16:54:48	15	15:02:11	14
15:48:05	4	16:57:07	17	15:04:32	17
15:50:13	3	16:59:24	15	15:06:44	18
15:52:29	4	17:01:59	12	15:09:02	16
15:54:36	5	17:04:34	18	15:10:55	16
15:56:31	5	17:07:32	19	15:13:07	11
15:58:44	0	17:10:17	12	15:15:28	13
16:01:05	5	17:13:04	17	15:17:43	19
16:03:18	6	17:15:30	11	15:19:52	21





SITE: 1

DATE: 09/08/2023

LOCATION: A547 Market Street / A548 Chapel Street

DAY: Wednesday

Notes: All queues are recorded at the end of the red signal phase.

ARM A		ARM B		ARM C	
TIME AT END OF RED PHASE	LANE 1	TIME AT END OF RED PHASE	LANE 1	TIME AT END OF RED PHASE	LANE 1
16:05:34	0	17:18:09	9	15:22:13	29
16:07:43	2	17:20:17	10	15:24:27	22
16:09:48	3	17:22:57	12	15:26:28	17
16:12:04	5	17:25:40	14	15:28:49	29
16:14:20	5	17:28:10	14	15:31:05	27
16:16:13	4	17:31:00	15	15:33:22	30
16:18:17	0	17:33:46	14	15:35:34	23
16:20:27	5	17:36:37	7	15:37:40	25
16:22:47	7	17:39:01	14	15:39:51	25
16:25:03	3	17:41:48	12	15:42:07	21
16:26:56	1	17:44:12	11	15:44:23	23
16:29:06	4	17:46:25	8	15:46:43	17
16:31:21	4	17:49:02	14	15:48:49	15
16:33:34	6	17:51:40	15	15:50:55	12
16:35:43	4	17:54:27	13	15:53:06	13
16:37:31	4	17:57:10	3	15:55:15	15
16:39:47	4	17:59:29	4	15:57:10	10
16:42:02	4	18:01:57	13	15:59:26	22
16:44:13	4	18:04:27	13	16:01:47	21
16:46:29	5	18:06:51	13	16:04:00	26
16:48:45	4	18:09:10	6	16:06:09	28
16:51:01	4	18:11:22	13	16:08:21	25
16:53:02	9	18:13:36	7	16:10:31	23
16:55:17	7	18:16:00	7	16:12:47	22
16:57:39	6	18:18:07	10	16:15:02	23
16:59:55	3	18:20:31	2	16:16:46	19
17:02:40	3	18:22:05	5	16:18:59	19
17:05:26	4	18:24:03	11	16:21:10	22
17:08:11	1	18:26:00	14	16:23:30	20
17:10:58	3	18:28:33	5	16:25:45	23
17:13:44	3	18:30:56	8	16:27:39	20
17:16:04	4	18:34:31	3	16:29:50	20
17:18:37	6	18:36:10	1	16:32:03	18
17:20:52	1	18:37:42	3	16:34:21	28
17:23:35	2	18:39:19	6	16:36:15	22
17:26:20	5	18:40:36	2	16:40:27	18
17:28:51	3	18:42:35	4	16:42:39	20
17:31:42	3	18:45:03	8	16:44:55	19
17:34:28	1	18:46:53	1	16:47:15	18
17:37:01	7	18:48:21	5	16:49:28	15
17:39:42	2	18:50:06	6	16:51:40	19



SITE: 1

DATE: 09/08/2023

LOCATION: A547 Market Street / A548 Chapel Street

DAY: Wednesday

Notes: All queues are recorded at the end of the red signal phase.

ARM A		ARM B		ARM C	
TIME AT END OF RED PHASE	LANE 1	TIME AT END OF RED PHASE	LANE 1	TIME AT END OF RED PHASE	LANE 1
17:42:24	8	18:52:11	8	16:53:44	16
17:44:46	3	18:53:44	3	16:56:01	25
17:46:58	3	18:55:29	2	16:58:21	19
17:49:42	4	18:56:55	3	17:00:40	18
17:52:22	5	18:58:08	1	17:03:24	16
17:55:06	0	18:59:51	9	17:06:10	16
17:57:26	6	19:01:18	3	17:08:54	18
17:59:50	1	19:03:16	8	17:11:40	23
18:02:34	4	19:05:29	6	17:14:29	20
18:05:08	4	19:07:07	4	17:16:54	15
18:07:30	3	19:08:31	4	17:19:19	16
18:09:31	4	19:10:00	3	17:21:36	19
18:12:02	2	19:11:52	4	17:24:17	20
18:13:59	1	19:13:25	3	17:26:47	16
18:16:27	4	19:14:56	4	17:29:33	18
18:18:40	2	19:16:49	6	17:32:24	13
18:20:44	2	19:18:53	4	17:35:10	15
18:22:26	3	19:20:20	6	17:37:43	14
18:24:31	0	19:22:27	10	17:40:25	19
18:26:40	3	19:24:37	3	17:43:09	18
18:28:53	0	19:26:34	10	17:45:29	6
18:31:24	2	19:28:45	4	17:47:40	19
18:33:14	0	19:30:32	4	17:50:24	17
18:34:47	2	19:31:57	2	17:53:04	21
18:36:21	2	19:33:10	1	17:55:48	19
18:37:55	0	19:34:33	7	17:58:09	10
18:39:40	1	19:35:49	1	18:00:32	9
18:40:48	3	19:37:10	4	18:03:18	10
18:43:03	4	19:38:35	4	18:05:32	12
18:45:30	1	19:38:50	2	18:08:13	13
18:47:05	3	19:41:37	3	18:10:12	6
18:48:42	0	19:43:25	3	18:12:39	15
18:50:40	2	19:44:53	1	18:14:41	9
18:52:37	4	19:46:31	3	18:16:56	8
18:54:15	0	19:47:41	1	18:19:22	5
18:55:41	2	19:49:28	2	18:21:26	7
18:57:15	2	19:50:27	3	18:23:02	3
18:58:20	1	19:51:27	4	18:25:02	3
19:00:21	3	19:52:48	2	18:27:10	12
19:01:30	2	19:53:59	2	18:29:33	21
19:03:44	1	19:55:18	3	18:31:56	7



SITE: 1

DATE: 09/08/2023

LOCATION: A547 Market Street / A548 Chapel Street

DAY: Wednesday

Notes: All queues are recorded at the end of the red signal phase.

ARM A		ARM B		ARM C	
TIME AT END OF RED PHASE	LANE 1	TIME AT END OF RED PHASE	LANE 1	TIME AT END OF RED PHASE	LANE 1
19:05:50	2	19:56:49	7	18:33:56	5
19:07:28	5	19:58:38	5	18:34:22	0
19:08:50	2			18:35:29	7
19:10:15	1			18:36:46	2
19:12:12	3			18:38:37	8
19:13:46	1			18:40:10	5
19:15:27	2			18:41:17	4
19:17:09	0			18:43:48	10
19:19:09	0			18:45:59	10
19:20:45	2			18:47:37	2
19:22:57	0			18:49:12	4
19:24:56	2			18:51:13	4
19:27:04	4			18:53:04	4
19:29:03	3			18:54:49	6
19:30:57	8			18:56:05	2
19:32:16	0			18:57:48	4
19:33:23	1			18:58:44	3
19:34:57	1			19:00:57	5
19:36:01	2			19:02:13	5
19:37:29	0			19:04:26	7
19:38:51	1			19:06:33	6
19:40:02	0			19:08:10	3
19:41:51	3			19:09:21	10
19:43:39	3			19:10:49	8
19:45:05	0			19:12:42	11
19:46:44	1			19:14:17	8
19:47:55	0			19:15:52	5
19:49:39	0			19:17:45	12
19:50:40	0			19:19:43	13
19:51:41	0			19:21:23	11
19:53:01	0			19:23:39	6
19:54:12	2			19:25:36	5
19:55:31	0			19:27:47	3
19:57:19	1			19:29:35	4
19:58:58	1			19:31:27	3
				19:32:41	4
				19:33:50	2
				19:35:27	3
				19:36:25	3
				19:37:55	1
				19:39:21	5



SITE: 1

DATE: 09/08/2023

LOCATION: A547 Market Street / A548 Chapel Street

DAY: Wednesday

Notes: All queues are recorded at the end of the red signal phase.

ARM A		ARM B		ARM C	
TIME AT END OF RED PHASE	LANE 1	TIME AT END OF RED PHASE	LANE 1	TIME AT END OF RED PHASE	LANE 1
				19:40:45	5
				19:42:27	3
				19:44:16	0
				19:46:09	3
				19:47:08	2
				19:48:20	2
				19:49:05	3
				19:50:10	3
				19:51:04	2
				19:52:05	3
				19:53:35	4
				19:54:37	1
				19:56:14	9
				19:57:50	5
				19:59:23	6
MAX	9	MAX	19	MAX	30





SITE: 2

DATE: 09/08/2023

LOCATION: A547 Market Street / A548 Water Street

DAY: Wednesday

Notes: All queues are recorded at the end of the red signal phase.

ARM A		ARM B		ARM C	
TIME AT END OF RED PHASE	LANE 1	TIME AT END OF RED PHASE	LANE 1	TIME AT END OF RED PHASE	LANE 1
06:01:19	1	06:00:13	0	06:00:53	0
06:05:59	1	06:00:53	0	06:01:45	1
06:21:53	1	06:01:46	0	06:06:30	0
06:32:39	1	06:02:18	0	06:08:00	0
06:33:15	1	06:02:45	0	06:08:52	0
06:36:11	3	06:04:25	0	06:14:45	0
06:37:09	2	06:04:53	0	06:18:35	0
06:37:51	1	06:05:56	0	06:22:17	0
06:39:23	1	06:06:30	0	06:27:42	0
06:42:01	1	06:08:01	0	06:28:55	0
06:43:44	1	06:08:52	1	06:32:13	0
06:44:20	1	06:10:05	0	06:33:05	1
06:44:57	1	06:11:18	0	06:33:42	0
06:45:58	1	06:12:44	0	06:34:48	0
06:46:55	1	06:14:16	0	06:36:39	0
06:48:40	1	06:14:46	0	06:37:36	2
06:49:19	1	06:15:47	0	06:38:13	0
06:52:24	1	06:16:14	0	06:39:48	0
06:53:57	1	06:16:56	0	06:42:36	1
06:55:02	1	06:18:36	0	06:44:10	1
06:56:53	1	06:20:12	0	06:44:44	2
06:58:20	1	06:21:15	0	06:45:23	1
07:02:00	2	06:22:17	0	06:46:23	0
07:04:33	1	06:22:49	1	06:47:20	1
07:05:29	1	06:23:22	0	06:48:26	0
07:06:21	2	06:23:50	0	06:49:04	0
07:07:12	1	06:24:45	0	06:49:42	2
07:10:17	1	06:25:51	0	06:52:48	0
07:13:58	4	06:27:05	0	06:53:23	1
07:19:53	3	06:28:00	0	06:54:22	0
07:20:53	1	06:28:27	2	06:55:27	0
07:22:06	2	06:29:13	0	06:56:12	1
07:24:32	1	06:29:50	0	06:57:19	1
07:25:38	2	06:30:18	0	06:58:46	1
07:27:58	1	06:30:45	0	07:02:27	1
07:28:59	1	06:32:14	0	07:03:47	1
07:29:59	3	06:33:05	0	07:05:01	0
07:31:12	3	06:33:42	0	07:05:53	1
07:32:18	1	06:35:02	0	07:06:47	1
07:32:58	2	06:35:33	1	07:07:37	0
07:33:51	4	06:36:39	0	07:09:38	0





SITE: 2

DATE: 09/08/2023

LOCATION: A547 Market Street / A548 Water Street

DAY: Wednesday

Notes: All queues are recorded at the end of the red signal phase.

ARM A		ARM B		ARM C	
TIME AT END OF RED PHASE	LANE 1	TIME AT END OF RED PHASE	LANE 1	TIME AT END OF RED PHASE	LANE 1
07:35:27	1	06:37:36	1	07:10:40	2
07:36:42	1	06:38:14	1	07:12:14	2
07:38:30	5	06:38:48	1	07:14:29	1
07:39:43	2	06:39:20	0	07:15:45	0
07:40:57	2	06:39:49	1	07:17:45	0
07:43:30	4	06:40:26	0	07:19:20	0
07:44:59	2	06:41:53	0	07:20:20	2
07:46:49	4	06:42:44	1	07:21:17	1
07:48:32	3	06:43:35	0	07:22:32	4
07:50:13	3	06:44:11	0	07:24:17	0
07:51:34	2	06:44:45	0	07:24:58	0
07:53:31	10	06:45:23	0	07:26:06	2
07:55:40	5	06:45:56	0	07:27:29	0
07:57:34	4	06:46:23	0	07:28:24	1
07:59:01	1	06:47:21	1	07:29:24	0
08:00:31	5	06:47:55	0	07:30:27	1
08:01:56	1	06:49:05	1	07:31:42	3
08:03:32	1	06:49:43	0	07:32:43	1
08:04:58	1	06:50:39	0	07:33:26	0
08:07:18	4	06:51:29	0	07:34:23	1
08:09:34	6	06:52:20	0	07:35:59	2
08:13:38	6	06:53:24	3	07:37:07	0
08:15:27	3	06:54:22	2	07:39:01	1
08:17:13	2	06:55:28	1	07:40:11	1
08:18:29	3	06:56:12	0	07:41:25	2
08:20:46	12	06:57:19	1	07:42:30	1
08:22:06	2	06:57:56	2	07:44:08	1
08:23:32	2	06:59:04	1	07:45:32	2
08:26:08	12	06:59:37	0	07:46:32	1
08:28:07	8	07:00:14	1	07:47:19	3
08:30:39	6	07:02:27	1	07:49:07	1
08:32:53	8	07:03:47	1	07:50:42	2
08:34:36	3	07:05:01	0	07:52:01	2
08:36:46	2	07:05:53	0	07:54:14	7
08:38:40	9	07:06:48	1	07:56:16	3
08:41:08	5	07:07:38	2	07:57:15	1
08:43:12	3	07:09:39	0	07:58:04	2
08:45:01	8	07:10:41	0	07:59:27	0
08:47:20	12	07:11:25	0	08:01:07	2
08:49:11	3	07:12:14	0	08:02:36	2
08:51:13	7	07:12:48	0	08:04:00	3





SITE: 2

DATE: 09/08/2023

LOCATION: A547 Market Street / A548 Water Street

DAY: Wednesday

Notes: All queues are recorded at the end of the red signal phase.

ARM A		ARM B		ARM C	
TIME AT END OF RED PHASE	LANE 1	TIME AT END OF RED PHASE	LANE 1	TIME AT END OF RED PHASE	LANE 1
08:53:26	4	07:13:19	0	08:05:25	1
08:55:03	10	07:14:29	4	08:07:52	4
08:57:46	8	07:15:04	1	08:09:07	2
09:00:12	9	07:16:07	2	08:10:09	4
09:02:19	4	07:16:50	0	08:13:11	0
09:04:50	11	07:18:01	2	08:14:14	2
09:07:22	4	07:18:41	1	08:15:58	4
09:09:09	3	07:19:20	1	08:17:38	3
09:11:35	5	07:20:20	1	08:18:58	2
09:13:38	3	07:21:17	0	08:20:19	2
09:14:54	2	07:22:34	0	08:21:29	2
09:16:18	3	07:23:07	0	08:22:38	2
09:18:36	6	07:23:38	0	08:23:57	3
09:21:05	4	07:24:58	1	08:25:51	1
09:23:08	9	07:26:07	3	08:26:50	1
09:25:04	10	07:26:51	0	08:27:55	2
09:27:19	3	07:27:30	1	08:28:47	0
09:28:39	1	07:28:25	0	08:30:15	0
09:30:08	7	07:29:24	2	08:31:18	1
09:32:43	7	07:30:27	1	08:32:36	1
09:34:48	2	07:31:41	3	08:33:35	3
09:36:51	3	07:33:25	0	08:35:07	0
09:39:03	5	07:34:23	1	08:36:16	1
09:41:05	9	07:35:59	1	08:37:11	1
09:43:33	3	07:37:08	1	08:38:16	2
09:45:58	13	07:39:02	2	08:39:23	1
09:48:15	5	07:40:12	0	08:40:38	4
09:50:56	7	07:41:25	3	08:41:51	2
09:53:36	7	07:42:31	4	08:43:45	0
09:55:54	8	07:44:07	2	08:44:46	1
09:58:05	10	07:45:32	4	08:45:43	2
10:00:04	9	07:47:21	7	08:48:02	4
10:02:13	2	07:49:07	9	08:49:41	2
10:04:43	8	07:50:41	1	08:50:41	2
10:07:06	3	07:52:01	6	08:51:55	2
10:09:05	5	07:54:15	9	08:53:16	0
10:11:51	10	07:56:16	2	08:54:00	1
10:14:42	14	07:58:04	6	08:55:47	2
10:17:25	9	07:59:26	8	08:57:09	0
10:20:01	13	08:01:08	1	08:58:26	5
10:22:46	13	08:02:35	6	08:59:36	0





SITE: 2

DATE: 09/08/2023

LOCATION: A547 Market Street / A548 Water Street

DAY: Wednesday

Notes: All queues are recorded at the end of the red signal phase.

ARM A		ARM B		ARM C	
TIME AT END OF RED PHASE	LANE 1	TIME AT END OF RED PHASE	LANE 1	TIME AT END OF RED PHASE	LANE 1
10:25:26	13	08:04:00	4	09:00:54	2
10:27:59	6	08:05:24	0	09:01:51	1
10:30:30	7	08:07:52	3	09:02:50	2
10:32:03	3	08:10:09	6	09:04:15	2
10:34:08	4	08:11:53	7	09:05:35	3
10:36:08	2	08:14:14	9	09:06:57	3
10:38:06	6	08:15:58	6	09:07:58	4
10:40:18	9	08:17:38	1	09:09:50	0
10:42:25	11	08:18:58	4	09:11:18	1
10:44:40	14	08:21:29	5	09:12:16	4
10:46:56	10	08:22:38	2	09:14:07	0
10:50:39	6	08:23:57	11	09:15:20	2
10:52:46	7	08:26:50	10	09:16:50	2
10:54:56	10	08:28:48	9	09:18:12	1
10:57:08	4	08:31:18	11	09:19:18	4
10:59:13	8	08:33:34	10	09:20:40	4
11:01:31	7	08:35:07	6	09:21:37	2
11:03:46	5	08:37:11	7	09:22:36	4
11:05:57	6	08:39:23	7	09:23:50	3
11:07:53	5	08:41:51	8	09:25:48	3
11:09:31	5	08:43:45	9	09:26:59	3
11:11:35	7	08:45:44	15	09:27:54	1
11:13:51	7	08:48:02	9	09:29:08	3
11:16:06	9	08:49:41	3	09:30:46	1
11:17:54	7	08:51:55	19	09:32:06	1
11:20:11	16	08:54:01	17	09:33:19	5
11:22:26	18	08:55:47	6	09:34:29	3
11:24:25	12	08:58:27	13	09:35:30	2
11:26:41	15	09:00:53	7	09:36:23	2
11:28:56	13	09:02:50	11	09:37:19	4
11:31:12	12	09:05:34	13	09:38:46	3
11:33:29	11	09:07:58	9	09:39:41	4
11:35:45	12	09:09:51	0	09:40:44	2
11:38:02	15	09:12:16	6	09:41:46	1
11:40:15	11	09:14:07	8	09:42:57	2
11:42:30	15	09:15:20	6	09:44:04	5
11:44:44	9	09:16:50	12	09:45:26	0
11:47:00	14	09:19:18	7	09:46:40	1
11:49:20	15	09:21:36	6	09:47:44	4
11:51:37	5	09:23:50	10	09:48:55	3
11:53:45	10	09:25:48	9	09:50:22	4



SITE: 2

DATE: 09/08/2023

LOCATION: A547 Market Street / A548 Water Street

DAY: Wednesday

Notes: All queues are recorded at the end of the red signal phase.

ARM A		ARM B		ARM C	
TIME AT END OF RED PHASE	LANE 1	TIME AT END OF RED PHASE	LANE 1	TIME AT END OF RED PHASE	LANE 1
11:56:01	7	09:27:54	3	09:51:39	1
11:58:19	7	09:29:08	3	09:53:03	3
12:00:20	7	09:30:46	7	09:54:15	2
12:02:27	4	09:33:19	4	09:55:38	4
12:04:29	4	09:35:31	6	09:56:34	4
12:06:41	14	09:37:18	6	09:57:37	2
12:08:57	14	09:39:41	8	09:58:47	4
12:11:11	10	09:41:47	10	09:59:49	1
12:13:28	9	09:44:04	16	10:00:47	0
12:15:43	5	09:46:41	8	10:01:53	2
12:17:55	9	09:48:55	0	10:02:48	2
12:20:09	10	09:51:39	9	10:04:02	2
12:22:18	15	09:54:15	13	10:05:21	5
12:24:43	9	09:56:33	10	10:06:42	2
12:26:59	13	09:58:47	9	10:07:48	4
12:29:09	13	10:00:48	5	10:09:49	2
12:31:15	12	10:02:49	8	10:11:15	2
12:33:25	15	10:05:21	7	10:12:34	5
12:35:42	11	10:07:48	5	10:14:06	5
12:37:41	13	10:09:48	10	10:15:25	3
12:39:58	13	10:12:34	11	10:16:47	2
12:42:14	13	10:15:25	14	10:18:06	4
12:44:29	10	10:18:07	10	10:19:28	4
12:46:39	16	10:20:44	18	10:20:43	4
12:48:54	11	10:23:29	11	10:22:10	0
12:50:59	10	10:26:08	6	10:23:29	3
12:53:08	9	10:28:37	13	10:24:58	4
12:55:22	4	10:31:11	12	10:26:07	3
12:57:25	9	10:32:43	8	10:27:35	3
12:59:40	7	10:34:41	8	10:28:37	2
13:01:50	8	10:36:35	16	10:30:03	3
13:04:05	8	10:38:50	9	10:31:10	2
13:06:14	10	10:41:01	12	10:32:42	0
13:07:48	7	10:43:08	11	10:33:49	4
13:10:00	11	10:45:22	13	10:34:40	2
13:12:03	4	10:47:38	24	10:35:42	2
13:14:07	9	10:49:19	18	10:36:34	3
13:16:23	5	10:51:16	13	10:37:41	2
13:18:37	6	10:53:23	24	10:38:49	6
13:20:49	11	10:55:39	17	10:39:56	4
13:23:03	6	10:57:45	18	10:41:01	1





SITE: 2

DATE: 09/08/2023

LOCATION: A547 Market Street / A548 Water Street

DAY: Wednesday

Notes: All queues are recorded at the end of the red signal phase.

ARM A		ARM B		ARM C	
TIME AT END OF RED PHASE	LANE 1	TIME AT END OF RED PHASE	LANE 1	TIME AT END OF RED PHASE	LANE 1
13:25:11	7	10:59:56	28	10:42:13	2
13:27:08	10	11:02:13	23	10:43:07	4
13:29:11	3	11:04:24	16	10:44:19	4
13:31:08	10	11:06:40	22	10:45:22	1
13:33:22	4	11:08:24	13	10:46:29	2
13:35:22	1	11:10:06	9	10:47:37	3
13:37:29	11	11:12:17	10	10:48:40	3
13:39:42	5	11:14:32	17	10:49:19	2
13:41:35	1	11:16:48	20	10:50:21	0
13:43:14	6	11:18:37	25	10:51:16	1
13:45:23	12	11:20:54	25	10:52:21	3
13:47:39	7	11:23:09	20	10:53:22	2
13:50:02	7	11:25:07	22	10:54:29	2
13:52:21	3	11:27:23	22	10:55:38	3
13:54:09	12	11:29:39	17	10:56:40	3
13:56:21	14	11:31:55	27	10:57:44	3
13:58:35	2	11:34:11	15	10:58:46	0
14:00:34	13	11:36:26	13	10:59:55	4
14:02:45	10	11:38:42	13	11:01:03	1
14:04:50	11	11:40:59	9	11:02:12	6
14:06:58	12	11:43:12	13	11:03:21	5
14:08:48	11	11:45:25	25	11:04:23	3
14:11:09	3	11:47:41	22	11:05:20	4
14:13:07	8	11:50:02	23	11:06:39	7
14:15:25	11	11:52:13	13	11:08:23	3
14:17:35	3	11:54:27	19	11:10:05	3
14:19:35	3	11:56:44	18	11:11:07	0
14:21:34	9	11:58:58	18	11:12:16	2
14:23:40	5	12:01:00	26	11:13:24	1
14:25:46	9	12:02:56	24	11:14:32	3
14:27:37	4	12:05:05	26	11:15:38	6
14:29:27	2	12:07:22	21	11:16:48	3
14:31:26	13	12:09:37	16	11:18:37	5
14:33:04	10	12:11:53	22	11:19:44	6
14:35:21	1	12:14:09	31	11:20:52	3
14:37:27	3	12:16:17	35	11:22:00	3
14:39:41	4	12:18:38	41	11:23:08	4
14:41:50	9	12:20:49	49	11:24:15	1
14:44:07	7	12:23:10	44	11:25:06	2
14:46:14	3	12:25:26	45	11:26:14	4
14:48:08	4	12:27:42	44	11:27:23	3



SITE: 2

DATE: 09/08/2023

LOCATION: A547 Market Street / A548 Water Street

DAY: Wednesday

Notes: All queues are recorded at the end of the red signal phase.

ARM A		ARM B		ARM C	
TIME AT END OF RED PHASE	LANE 1	TIME AT END OF RED PHASE	LANE 1	TIME AT END OF RED PHASE	LANE 1
14:50:09	8	12:29:52	39	11:28:29	2
14:52:24	8	12:31:57	37	11:29:38	3
14:54:36	3	12:34:08	33	11:30:46	2
14:56:56	8	12:36:23	35	11:31:55	5
14:59:08	8	12:38:25	31	11:33:02	4
15:01:25	9	12:40:40	34	11:34:10	2
15:03:58	7	12:42:56	41	11:35:19	5
15:06:02	7	12:45:13	35	11:36:27	1
15:08:16	9	12:47:20	36	11:37:33	1
15:10:07	1	12:49:36	31	11:38:42	2
15:12:19	11	12:51:41	30	11:39:49	4
15:14:42	10	12:53:51	23	11:40:58	2
15:16:56	12	12:55:59	25	11:42:05	4
15:19:07	11	12:58:09	23	11:43:12	3
15:21:27	12	13:00:17	18	11:44:27	3
15:23:41	5	13:02:30	18	11:45:25	3
15:26:00	9	13:04:46	18	11:46:32	5
15:28:02	18	13:06:56	14	11:47:41	3
15:30:18	16	13:08:26	9	11:48:53	3
15:32:35	16	13:10:42	13	11:50:02	4
15:34:45	12	13:12:32	11	11:51:09	7
15:36:53	11	13:14:50	16	11:52:13	6
15:39:04	16	13:17:03	14	11:53:21	4
15:41:19	12	13:19:20	9	11:54:27	4
15:43:36	10	13:21:31	13	11:55:34	4
15:45:56	13	13:23:42	14	11:56:43	4
15:48:00	12	13:25:49	21	11:57:50	5
15:50:09	10	13:27:51	15	11:58:57	4
15:52:25	9	13:29:41	17	12:00:04	3
15:54:31	8	13:31:51	15	12:01:00	1
15:56:28	7	13:33:57	12	12:02:06	3
15:58:40	5	13:35:52	9	12:02:55	1
16:01:01	8	13:38:09	10	12:04:02	3
16:03:14	10	13:40:24	11	12:05:04	2
16:05:30	3	13:41:58	9	12:06:14	6
16:07:39	12	13:43:49	9	12:07:21	3
16:09:43	13	13:46:05	10	12:08:28	4
16:11:59	7	13:48:21	15	12:09:37	4
16:14:15	9	13:50:42	18	12:10:44	7
16:16:09	4	13:52:52	21	12:11:52	6
16:18:13	8	13:54:52	20	12:12:59	1





SITE: 2

DATE: 09/08/2023

LOCATION: A547 Market Street / A548 Water Street

DAY: Wednesday

Notes: All queues are recorded at the end of the red signal phase.

ARM A		ARM B		ARM C	
TIME AT END OF RED PHASE	LANE 1	TIME AT END OF RED PHASE	LANE 1	TIME AT END OF RED PHASE	LANE 1
16:20:23	10	13:57:03	24	12:14:08	3
16:22:43	17	13:59:00	22	12:15:15	4
16:24:58	15	14:01:15	27	12:16:16	2
16:26:54	12	14:03:27	26	12:17:28	3
16:29:03	10	14:05:30	22	12:18:37	2
16:31:17	9	14:07:40	23	12:19:39	3
16:33:32	12	14:09:29	23	12:20:48	3
16:35:40	4	14:11:38	23	12:22:02	4
16:37:26	13	14:13:49	24	12:23:09	5
16:39:45	7	14:16:05	19	12:24:21	5
16:41:58	6	14:18:02	20	12:25:26	2
16:44:10	8	14:20:02	15	12:26:32	4
16:46:24	9	14:22:16	15	12:27:41	2
16:48:41	7	14:24:12	11	12:28:48	4
16:50:59	10	14:26:28	9	12:29:51	2
16:53:00	6	14:28:06	12	12:30:57	3
16:55:16	9	14:29:52	7	12:31:56	1
16:57:35	10	14:32:08	10	12:32:59	6
16:59:52	7	14:33:46	12	12:34:10	2
17:02:36	12	14:36:02	12	12:35:13	4
17:05:23	8	14:38:06	11	12:36:22	3
17:08:09	10	14:40:14	14	12:37:29	3
17:10:55	9	14:42:33	16	12:38:23	3
17:13:40	7	14:44:44	11	12:39:30	2
17:16:01	10	14:46:43	12	12:40:39	4
17:18:33	9	14:48:49	9	12:41:46	6
17:20:48	8	14:50:50	11	12:42:55	2
17:23:31	7	14:53:06	10	12:44:02	5
17:26:16	10	14:55:19	11	12:45:11	3
17:28:46	11	14:57:35	16	12:46:18	5
17:31:39	12	14:59:51	12	12:47:18	3
17:34:22	11	15:02:07	14	12:48:25	4
17:36:58	13	15:04:28	11	12:49:34	4
17:39:39	15	15:06:40	5	12:50:41	1
17:42:21	8	15:08:56	20	12:51:39	3
17:44:44	9	15:10:48	15	12:52:46	5
17:46:54	10	15:13:01	17	12:53:50	2
17:49:39	8	15:15:22	16	12:54:56	4
17:52:19	6	15:17:38	23	12:55:58	1
17:55:02	13	15:19:48	22	12:57:08	5
17:57:23	8	15:22:09	15	12:58:06	3



SITE: 2

DATE: 09/08/2023

LOCATION: A547 Market Street / A548 Water Street

DAY: Wednesday

Notes: All queues are recorded at the end of the red signal phase.

ARM A		ARM B		ARM C	
TIME AT END OF RED PHASE	LANE 1	TIME AT END OF RED PHASE	LANE 1	TIME AT END OF RED PHASE	LANE 1
17:59:47	6	15:24:23	10	12:59:13	4
18:02:32	13	15:26:23	11	13:00:16	5
18:05:04	12	15:28:44	7	13:01:23	7
18:07:26	11	15:31:00	11	13:02:29	3
18:09:28	10	15:33:16	10	13:03:39	5
18:11:58	7	15:35:27	11	13:04:45	1
18:13:57	5	15:37:35	5	13:05:52	3
18:16:24	4	15:39:46	9	13:06:56	1
18:18:37	7	15:42:02	18	13:08:25	3
18:20:41	12	15:44:17	25	13:09:32	7
18:22:22	5	15:46:38	23	13:10:41	2
18:24:26	5	15:48:42	21	13:11:48	3
18:26:36	2	15:50:50	15	13:12:31	3
18:28:50	6	15:53:00	16	13:13:38	5
18:31:20	5	15:55:09	23	13:14:47	4
18:33:10	10	15:57:06	19	13:15:54	3
18:34:43	9	15:59:22	18	13:17:02	3
18:36:16	1	16:01:43	11	13:18:09	3
18:37:53	8	16:03:55	7	13:19:18	2
18:39:38	4	16:06:05	4	13:20:25	2
18:40:45	2	16:08:15	10	13:21:29	1
18:42:58	10	16:10:25	8	13:22:35	4
18:45:26	3	16:12:41	9	13:23:41	4
18:47:01	5	16:14:57	13	13:24:43	2
18:48:39	4	16:16:40	7	13:25:47	2
18:50:37	5	16:18:55	17	13:26:49	2
18:52:32	3	16:21:04	12	13:27:52	2
18:54:14	4	16:23:25	17	13:28:52	4
18:55:39	1	16:25:40	18	13:29:39	1
18:57:11	3	16:27:35	18	13:30:46	4
19:00:17	3	16:29:44	17	13:31:50	3
19:01:27	3	16:31:58	18	13:32:56	6
19:03:41	8	16:34:12	10	13:33:55	5
19:05:47	7	16:36:10	13	13:35:07	4
19:08:46	3	16:38:08	11	13:35:51	1
19:10:14	4	16:40:22	10	13:36:58	4
19:12:11	2	16:42:34	6	13:38:08	1
19:13:43	4	16:44:50	10	13:39:14	2
19:15:23	1	16:47:06	21	13:40:22	3
19:17:05	6	16:49:22	16	13:41:24	3
19:19:05	2	16:51:36	16	13:41:59	2



SITE: 2

DATE: 09/08/2023

LOCATION: A547 Market Street / A548 Water Street

DAY: Wednesday

Notes: All queues are recorded at the end of the red signal phase.

ARM A		ARM B		ARM C	
TIME AT END OF RED PHASE	LANE 1	TIME AT END OF RED PHASE	LANE 1	TIME AT END OF RED PHASE	LANE 1
19:20:41	5	16:53:39	13	13:43:04	4
19:22:52	3	16:55:55	14	13:43:48	2
19:24:54	3	16:58:16	14	13:44:55	4
19:27:03	6	17:00:32	10	13:46:06	1
19:28:59	4	17:03:18	26	13:47:11	6
19:30:54	4	17:06:04	18	13:48:20	5
19:32:12	2	17:08:50	17	13:49:32	3
19:33:20	2	17:11:36	29	13:50:41	1
19:34:53	3	17:14:22	32	13:51:57	5
19:35:57	1	17:16:41	26	13:52:55	3
19:37:28	1	17:19:14	18	13:53:59	5
19:38:48	4	17:21:29	7	13:54:41	2
19:40:00	6	17:24:12	22	13:55:59	6
19:43:38	3	17:26:42	26	13:57:05	5
19:45:35	1	17:29:28	30	13:58:10	4
19:46:40	2	17:32:19	22	13:59:00	2
19:47:52	2	17:35:05	26	14:00:05	4
19:49:35	3	17:37:38	21	14:01:14	3
19:51:37	1	17:40:19	24	14:02:28	5
19:52:58	6	17:43:00	10	14:03:26	3
19:54:08	1	17:45:25	26	14:04:32	6
19:55:29	3	17:47:35	29	14:05:29	2
19:57:16	4	17:50:19	15	14:06:36	5
19:58:54	2	17:52:59	19	14:07:39	2
19:59:57	1	17:55:43	28	14:09:29	2
		17:58:00	18	14:10:40	3
		18:00:27	11	14:11:38	4
		18:03:13	19	14:12:40	5
		18:05:28	21	14:13:48	3
		18:08:09	17	14:14:56	3
		18:10:07	9	14:16:05	2
		18:12:34	14	14:17:12	3
		18:14:37	6	14:18:01	2
		18:16:52	11	14:19:08	5
		18:19:18	13	14:20:02	3
		18:21:22	11	14:21:06	0
		18:22:58	2	14:22:15	6
		18:24:58	8	14:23:22	6
		18:27:05	12	14:24:11	3
		18:29:29	4	14:25:18	4
		18:31:52	7	14:26:27	6





SITE: 2

DATE: 09/08/2023

LOCATION: A547 Market Street / A548 Water Street

DAY: Wednesday

Notes: All queues are recorded at the end of the red signal phase.

ARM A		ARM B		ARM C	
TIME AT END OF RED PHASE	LANE 1	TIME AT END OF RED PHASE	LANE 1	TIME AT END OF RED PHASE	LANE 1
		18:33:51	6	14:28:05	4
		18:35:25	3	14:29:12	5
		18:36:41	3	14:29:51	2
		18:38:33	3	14:30:58	3
		18:40:06	4	14:32:07	4
		18:41:12	5	14:33:45	3
		18:43:40	14	14:34:52	1
		18:45:55	12	14:36:01	3
		18:47:33	0	14:37:08	5
		18:49:08	3	14:38:05	1
		18:51:08	11	14:39:12	0
		18:52:59	4	14:40:13	2
		18:54:44	9	14:41:25	1
		18:56:01	2	14:42:32	0
		18:57:43	4	14:43:39	2
		18:58:40	2	14:44:43	1
		19:00:52	5	14:45:50	2
		19:02:09	10	14:46:42	3
		19:04:22	10	14:47:49	3
		19:06:29	9	14:48:48	4
		19:08:06	5	14:49:55	4
		19:09:17	8	14:50:49	2
		19:10:45	7	14:51:56	6
		19:12:38	8	14:53:05	5
		19:14:13	5	14:54:12	5
		19:15:48	5	14:55:18	3
		19:17:41	4	14:56:25	4
		19:19:39	5	14:57:34	3
		19:21:19	4	14:58:41	5
		19:23:35	7	14:59:50	4
		19:25:32	13	15:00:57	3
		19:27:43	11	15:02:06	1
		19:29:31	8	15:03:18	3
		19:31:23	4	15:04:27	2
		19:32:37	2	15:05:34	4
		19:33:46	2	15:06:39	3
		19:35:22	6	15:07:46	4
		19:36:21	0	15:08:55	1
		19:37:51	2	15:10:47	1
		19:39:17	3	15:11:52	4
		19:40:40	7	15:13:01	1





SITE: 2

DATE: 09/08/2023

LOCATION: A547 Market Street / A548 Water Street

DAY: Wednesday

Notes: All queues are recorded at the end of the red signal phase.

ARM A		ARM B		ARM C	
TIME AT END OF RED PHASE	LANE 1	TIME AT END OF RED PHASE	LANE 1	TIME AT END OF RED PHASE	LANE 1
		19:42:23	9	15:14:13	3
		19:44:12	5	15:15:22	5
		19:45:25	4	15:16:29	3
		19:46:05	1	15:17:38	3
		19:47:04	2	15:18:50	7
		19:48:16	2	15:19:47	3
		19:49:01	2	15:20:59	1
		19:50:06	2	15:22:08	4
		19:51:00	0	15:23:13	2
		19:52:00	4	15:24:22	2
		19:53:31	4	15:25:29	7
		19:54:32	1	15:26:22	2
		19:56:09	3	15:27:34	3
		19:57:46	4	15:28:43	3
		19:59:19	2	15:29:50	3
				15:30:59	4
				15:32:06	4
				15:33:15	4
				15:34:22	4
				15:35:26	2
				15:36:33	6
				15:37:34	3
				15:38:41	3
				15:39:44	2
				15:40:51	1
				15:42:00	3
				15:43:07	2
				15:44:16	3
				15:45:28	3
				15:46:37	2
				15:47:44	6
				15:48:41	1
				15:49:48	6
				15:50:49	4
				15:51:56	3
				15:52:59	2
				15:54:06	2
				15:55:08	3
				15:56:15	4
				15:57:05	3
				15:58:12	5



SITE: 2

DATE: 09/08/2023

LOCATION: A547 Market Street / A548 Water Street

DAY: Wednesday

Notes: All queues are recorded at the end of the red signal phase.

ARM A		ARM B		ARM C	
TIME AT END OF RED PHASE	LANE 1	TIME AT END OF RED PHASE	LANE 1	TIME AT END OF RED PHASE	LANE 1
				15:59:21	2
				16:00:33	0
				16:01:43	3
				16:02:49	4
				16:03:55	3
				16:05:02	5
				16:06:04	3
				16:07:11	4
				16:08:15	4
				16:09:21	4
				16:10:24	1
				16:11:31	3
				16:12:40	2
				16:13:47	4
				16:14:56	4
				16:16:40	1
				16:17:46	3
				16:18:54	2
				16:20:01	2
				16:21:03	2
				16:22:14	5
				16:23:24	2
				16:24:30	4
				16:25:39	6
				16:27:34	2
				16:28:39	5
				16:29:43	2
				16:30:50	4
				16:31:59	2
				16:33:11	2
				16:34:13	2
				16:35:18	3
				16:36:09	2
				16:37:17	5
				16:38:10	1
				16:39:15	4
				16:40:22	6
				16:41:30	3
				16:42:33	4
				16:43:41	6
				16:44:49	4





SITE: 2

DATE: 09/08/2023

LOCATION: A547 Market Street / A548 Water Street

DAY: Wednesday

Notes: All queues are recorded at the end of the red signal phase.

ARM A		ARM B		ARM C	
TIME AT END OF RED PHASE	LANE 1	TIME AT END OF RED PHASE	LANE 1	TIME AT END OF RED PHASE	LANE 1
				16:45:56	5
				16:47:06	2
				16:48:13	4
				16:49:21	3
				16:50:28	1
				16:51:36	3
				16:52:42	4
				16:53:38	1
				16:54:46	3
				16:55:54	6
				16:57:06	1
				16:58:15	8
				16:59:22	6
				17:00:32	4
				17:01:59	6
				17:03:17	2
				17:04:44	4
				17:06:03	5
				17:07:30	4
				17:08:49	3
				17:10:16	3
				17:11:35	3
				17:13:03	2
				17:14:21	2
				17:15:29	3
				17:16:41	2
				17:18:08	5
				17:19:14	1
				17:21:29	1
				17:22:56	3
				17:24:12	2
				17:25:38	2
				17:26:41	3
				17:28:08	5
				17:29:28	2
				17:30:59	2
				17:32:19	4
				17:33:46	3
				17:35:04	4
				17:36:35	2
				17:37:37	1





SITE: 2

DATE: 09/08/2023

LOCATION: A547 Market Street / A548 Water Street

DAY: Wednesday

Notes: All queues are recorded at the end of the red signal phase.

ARM A		ARM B		ARM C	
TIME AT END OF RED PHASE	LANE 1	TIME AT END OF RED PHASE	LANE 1	TIME AT END OF RED PHASE	LANE 1
				17:39:00	0
				17:40:19	4
				17:41:46	4
				17:43:01	1
				17:44:11	0
				17:45:24	2
				17:46:23	3
				17:47:35	1
				17:49:02	4
				17:50:19	1
				17:51:40	3
				17:52:59	3
				17:54:26	5
				17:55:43	1
				17:57:10	3
				17:58:00	1
				17:59:28	3
				18:00:27	3
				18:01:53	0
				18:03:13	5
				18:04:25	2
				18:05:27	6
				18:06:49	3
				18:08:08	1
				18:10:06	1
				18:11:20	3
				18:12:33	3
				18:14:37	3
				18:15:58	2
				18:16:51	1
				18:18:06	3
				18:19:17	3
				18:20:29	1
				18:21:21	2
				18:22:57	2
				18:24:02	3
				18:24:57	1
				18:25:57	2
				18:27:04	4
				18:28:32	1
				18:29:28	0





SITE: 2

DATE: 09/08/2023

LOCATION: A547 Market Street / A548 Water Street

DAY: Wednesday

Notes: All queues are recorded at the end of the red signal phase.

ARM A		ARM B		ARM C	
TIME AT END OF RED PHASE	LANE 1	TIME AT END OF RED PHASE	LANE 1	TIME AT END OF RED PHASE	LANE 1
				18:30:55	3
				18:31:52	4
				18:32:57	2
				18:33:52	0
				18:35:25	1
				18:36:40	0
				18:37:38	1
				18:38:33	2
				18:40:05	2
				18:41:12	1
				18:42:34	0
				18:43:40	2
				18:45:01	0
				18:45:55	1
				18:47:32	0
				18:48:21	2
				18:49:07	2
				18:50:05	0
				18:51:08	0
				18:52:09	1
				18:52:59	1
				18:54:44	2
				18:56:00	0
				18:56:53	1
				18:57:42	1
				18:58:39	1
				18:59:49	1
				19:00:52	3
				19:02:08	2
				19:03:15	1
				19:04:21	2
				19:05:28	6
				19:06:28	2
				19:08:05	1
				19:09:16	2
				19:10:44	0
				19:11:51	5
				19:12:37	0
				19:14:12	2
				19:15:47	3
				19:16:48	2





SITE: 2

DATE: 09/08/2023

LOCATION: A547 Market Street / A548 Water Street

DAY: Wednesday

Notes: All queues are recorded at the end of the red signal phase.

ARM A		ARM B		ARM C	
TIME AT END OF RED PHASE	LANE 1	TIME AT END OF RED PHASE	LANE 1	TIME AT END OF RED PHASE	LANE 1
				19:17:40	1
				19:18:52	3
				19:19:38	2
				19:21:18	2
				19:22:25	4
				19:23:34	2
				19:24:36	3
				19:25:31	3
				19:26:33	1
				19:27:42	4
				19:28:44	1
				19:29:30	2
				19:30:32	1
				19:31:22	2
				19:32:35	0
				19:33:44	1
				19:34:28	2
				19:35:21	2
				19:36:20	2
				19:37:08	3
				19:37:51	3
				19:38:35	1
				19:39:16	2
				19:40:40	2
				19:41:36	3
				19:42:22	0
				19:43:24	2
				19:44:11	1
				19:45:24	0
				19:46:04	0
				19:47:03	2
				19:48:15	1
				19:49:00	0
				19:50:05	1
				19:50:59	1
				19:52:00	2
				19:52:47	3
				19:53:31	2
				19:54:31	1
				19:55:15	1
				19:56:08	3





SITE: 2

DATE: 09/08/2023

LOCATION: A547 Market Street / A548 Water Street

DAY: Wednesday

Notes: All queues are recorded at the end of the red signal phase.


ARM A		ARM B		ARM C	
TIME AT END OF RED PHASE	LANE 1	TIME AT END OF RED PHASE	LANE 1	TIME AT END OF RED PHASE	LANE 1
				19:57:45	1
				19:58:36	2
				19:59:18	1
MAX	18	MAX	49	MAX	8



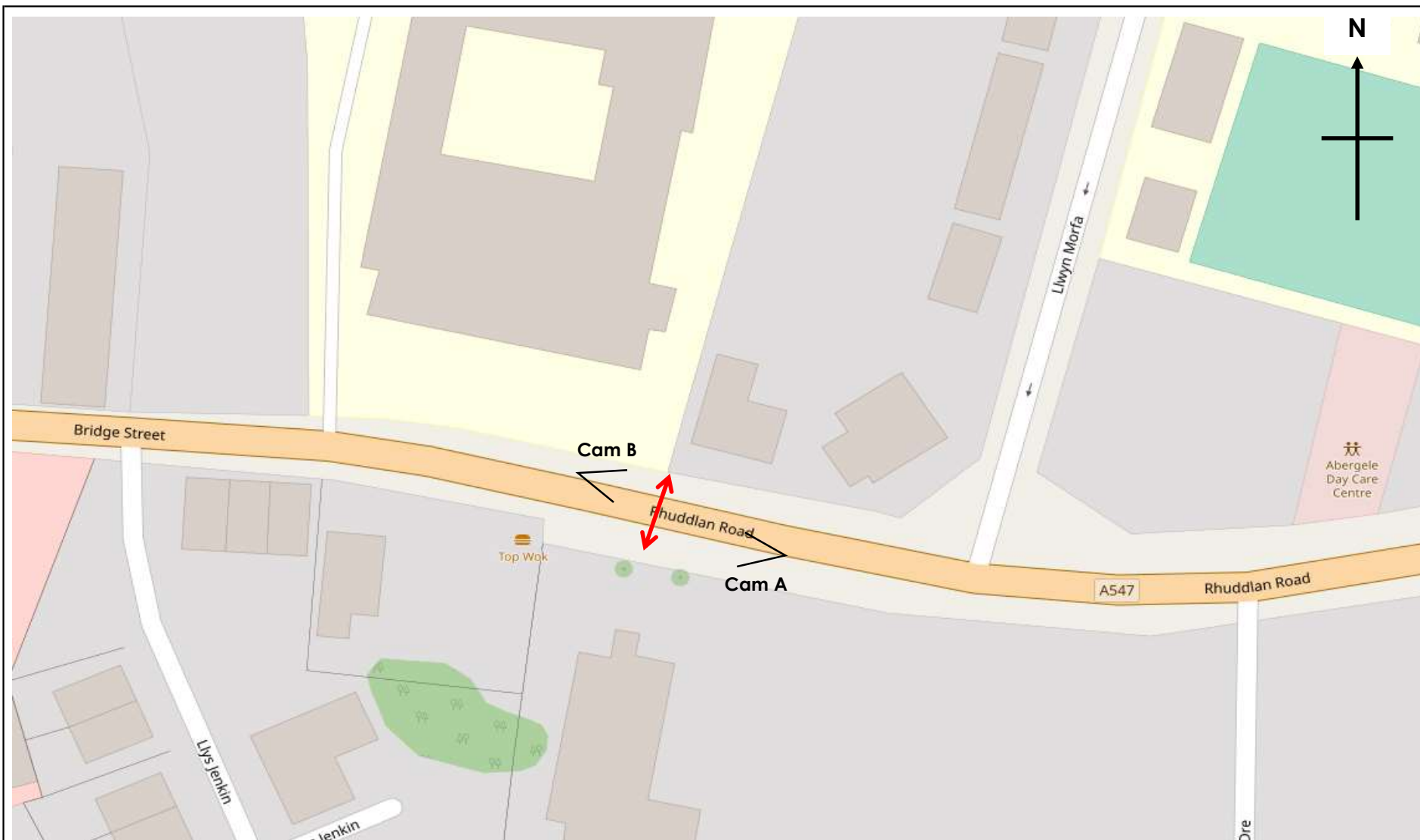
## Appendix D: 2023 pedestrian count survey data






	<b>Site / Location:</b> Site A, Zebra Crossing: A547 Market Street, south of Tesco	<b>Project No:</b> 14343	<b>Drawing No:</b> 14343-02	<b>Drawn By:</b> MN
	<b>Survey Date:</b> Wednesday 12th July 2023	<b>Project Name:</b> Abergele		
	<b>Survey Times:</b> 06:00 to 20:00	<b>Drawing Title:</b> Site Layout and Observed Movements		





	<b>Site / Location:</b> Site B, Zebra Crossing: A547 Rhuddlan Road, north of Top Wok Abergele	<b>Project No:</b> 14343	<b>Drawing No:</b> 14343-03	<b>Drawn By:</b> MN
	<b>Survey Date:</b> Wednesday 12th July 2023	<b>Project Name:</b> Abergele		
	<b>Survey Times:</b> 06:00 to 20:00	<b>Drawing Title:</b> Site Layout and Observed Movements		



On occasion the eastbound queues at Site A and the westbound queues at Site B were not caused by pedestrians using the crossing but instead resulted from queuing at the adjacent junctions. These instances have been noted in the data.





SITE: A

DATE: 12/07/2023

LOCATION: Zebra Crossing: A547 Market Street

DAY: Wednesday

Crossing Time	Time Period	Direction	No. of Pedestrians Crossing	Eastbound Queue	Westbound Queue	Comments
06:45:01	06:45	NB	2	0	0	
06:48:04	06:45	NB	2	0	0	
07:36:14	07:30	NB	1	0	0	
07:44:22	07:30	NB	1	0	0	
07:54:13	07:45	SB	1	0	0	
08:04:15	08:00	NB	1	1	0	
08:13:08	08:00	NB	1	0	0	
08:15:18	08:15	NB	2	0	0	
08:16:39	08:15	NB	1	0	0	
08:19:47	08:15	NB	1	4	1	
08:21:11	08:15	SB	1	0	0	
08:22:26	08:15	NB	1	0	0	
08:27:31	08:15	NB	1	0	0	
08:29:13	08:15	NB	1	0	0	
08:29:28	08:15	NB	1	0	0	
08:32:19	08:30	NB	2	0	0	
08:37:39	08:30	NB	1	0	0	
08:41:42	08:30	SB	1	1	0	
08:45:32	08:45	SB	1	2	0	
08:57:24	08:45	NB	1	0	0	
08:59:44	08:45	SB	1	0	0	
09:03:44	09:00	NB	1	1	0	
09:07:39	09:00	SB	1	0	0	
09:08:04	09:00	SB	1	0	0	
09:20:52	09:15	SB	1	0	1	
09:22:18	09:15	SB	1	1	0	
09:23:28	09:15	SB	1	1	3	
09:25:01	09:15	SB	2	0	1	
09:29:27	09:15	SB	1	0	0	
09:31:36	09:30	NB	1	0	0	
09:33:28	09:30	SB	1	0	0	
09:34:18	09:30	SB	2	2	0	
09:37:16	09:30	SB	1	1	0	
09:38:55	09:30	SB	1	2	1	
09:40:26	09:30	NB	1	0	0	
09:44:43	09:30	NB	2	0	0	
09:46:35	09:45	SB	1	0	0	
09:47:07	09:45	NB	1	2	0	
09:50:24	09:45	SB	1	1	0	
09:54:24	09:45	NB	1	0	1	
09:55:53	09:45	SB	1	1	0	
09:58:14	09:45	NB	1	0	0	
10:00:01	10:00	SB	1	0	0	
10:01:41	10:00	SB	1	1	0	
10:02:07	10:00	NB	1	0	0	
10:02:38	10:00	SB	1	0	0	
10:06:00	10:00	NB	1	0	0	
10:07:11	10:00	NB	1	1	1	
10:08:44	10:00	SB	1	0	0	
10:09:35	10:00	SB	2	0	0	
10:13:48	10:00	SB	2	0	0	
10:14:52	10:00	SB	1	0	2	
10:16:52	10:15	NB	1	0	0	
10:19:50	10:15	SB	1	0	0	
10:20:44	10:15	SB	1	0	0	
10:22:26	10:15	NB	1	0	2	
10:23:05	10:15	SB	2	0	1	
10:25:41	10:15	NB	1	2	1	
10:25:42	10:15	SB	1	2	1	
10:26:01	10:15	SB	1	2	3	
10:28:47	10:15	SB	1	0	0	
10:29:12	10:15	SB	2	0	0	
10:31:33	10:30	NB	2	1	0	
10:35:11	10:30	NB	1	0	0	
10:36:17	10:30	SB	2	0	0	
10:38:33	10:30	NB	1	0	1	
10:38:35	10:30	SB	1	0	1	
10:40:06	10:30	NB	1	0	0	
10:41:10	10:30	SB	1	0	0	
10:45:36	10:45	NB	1	1	0	
10:47:01	10:45	SB	1	0	0	
10:47:37	10:45	NB	1	2	0	
10:48:24	10:45	SB	1	2	1	
10:49:38	10:45	NB	2	2	5	
10:51:30	10:45	SB	1	0	0	





SITE: A

DATE: 12/07/2023

LOCATION: Zebra Crossing: A547 Market Street

DAY: Wednesday

Crossing Time	Time Period	Direction	No. of Pedestrians Crossing	Eastbound Queue	Westbound Queue	Comments
10:53:41	10:45	SB	1	0	5	
10:55:41	10:45	SB	1	1	3	
10:57:22	10:45	SB	2	0	0	
10:59:40	10:45	NB	1	0	0	
11:03:04	11:00	SB	1	0	0	
11:05:30	11:00	NB	2	1	0	
11:06:32	11:00	NB	2	0	0	
11:07:32	11:00	SB	1	0	0	
11:16:10	11:15	NB	3	0	0	
11:17:09	11:15	NB	1	0	0	
11:18:16	11:15	SB	1	0	2	
11:18:55	11:15	NB	1	0	0	
11:18:56	11:15	SB	2	0	1	
11:19:53	11:15	SB	2	0	1	
11:22:15	11:15	SB	2	2	0	
11:25:49	11:15	NB	1	0	0	
11:28:59	11:15	NB	3	4	1	
11:31:08	11:30	NB	1	0	0	
11:34:12	11:30	NB	2	0	0	
11:35:40	11:30	NB	1	1	0	
11:36:07	11:30	NB	4	2	0	
11:38:37	11:30	NB	1	2	0	
11:38:55	11:30	SB	2	2	0	
11:39:08	11:30	NB	1	1	0	
11:40:15	11:30	SB	1	0	0	
11:40:45	11:30	NB	1	0	2	
11:42:35	11:30	NB	1	0	1	
11:43:45	11:30	NB	2	0	0	
11:44:49	11:30	SB	1	0	0	
11:50:28	11:45	NB	1	2	0	
11:51:22	11:45	NB	2	0	0	
11:51:52	11:45	NB	1	0	0	
11:52:46	11:45	NB	1	0	0	
11:54:58	11:45	SB	2	1	2	
11:56:56	11:45	NB	1	0	2	
11:58:33	11:45	SB	1	1	2	
11:58:34	11:45	NB	1	1	2	
12:01:07	12:00	NB	1	0	0	
12:02:05	12:00	NB	1	0	0	
12:03:17	12:00	NB	1	0	0	
12:03:20	12:00	SB	1	0	1	
12:04:44	12:00	SB	1	1	0	
12:05:04	12:00	NB	1	0	0	
12:05:25	12:00	NB	1	1	1	
12:05:43	12:00	NB	1	3	1	
12:07:27	12:00	SB	2	0	0	
12:07:32	12:00	NB	1	0	0	
12:09:21	12:00	NB	2	1	2	
12:10:37	12:00	NB	2	1	0	
12:10:43	12:00	SB	4	2	0	
12:10:57	12:00	SB	2	3	0	
12:14:17	12:00	SB	1	2	1	
12:15:53	12:15	SB	1	0	0	
12:17:47	12:15	NB	2	0	1	
12:19:00	12:15	SB	1	0	0	
12:20:46	12:15	NB	1	0	0	
12:21:47	12:15	NB	1	0	0	
12:23:51	12:15	NB	1	0	0	
12:24:08	12:15	NB	1	0	0	
12:24:22	12:15	NB	1	0	0	
12:27:30	12:15	SB	1	1	0	
12:30:36	12:30	NB	1	0	0	
12:31:10	12:30	NB	1	1	0	
12:32:37	12:30	NB	3	0	0	
12:34:29	12:30	NB	1	0	4	
12:43:05	12:30	NB	1	0	0	
12:49:10	12:45	NB	2	0	0	
12:50:39	12:45	NB	1	0	0	
12:51:26	12:45	NB	2	0	0	
12:52:03	12:45	NB	1	0	0	
12:54:59	12:45	SB	1	0	0	
12:56:54	12:45	NB	1	1	1	
12:58:11	12:45	SB	1	0	1	
12:58:18	12:45	NB	1	0	4	





SITE: A

DATE: 12/07/2023

LOCATION: Zebra Crossing: A547 Market Street

DAY: Wednesday

Crossing Time	Time Period	Direction	No. of Pedestrians Crossing	Eastbound Queue	Westbound Queue	Comments
13:00:02	13:00	NB	1	0	0	
13:01:12	13:00	NB	1	0	0	
13:09:56	13:00	NB	1	0	0	
13:11:56	13:00	SB	1	0	0	
13:14:06	13:00	NB	1	1	0	
13:17:07	13:15	NB	1	2	1	
13:17:22	13:15	NB	1	1	1	
13:17:52	13:15	SB	1	0	0	
13:18:35	13:15	NB	1	2	0	
13:21:45	13:15	NB	1	0	0	
13:21:55	13:15	NB	2	0	0	
13:24:18	13:15	NB	1	2	1	
13:24:44	13:15	SB	2	0	1	
13:26:46	13:15	SB	1	0	1	
13:28:11	13:15	SB	2	0	0	
13:30:13	13:30	SB	1	0	0	
13:35:03	13:30	NB	1	0	3	
13:35:24	13:30	SB	1	0	0	
13:37:21	13:30	NB	3	0	0	
13:38:19	13:30	SB	1	0	0	
13:40:25	13:30	SB	1	1	1	
13:41:24	13:30	NB	3	0	1	
13:41:29	13:30	SB	1	0	1	
13:43:27	13:30	SB	1	2	0	
13:45:34	13:45	NB	2	0	2	
13:45:35	13:45	SB	1	0	2	
13:45:39	13:45	NB	2	0	2	
13:46:55	13:45	NB	1	0	0	
13:48:02	13:45	NB	2	0	0	
13:52:23	13:45	NB	1	0	0	
13:55:04	13:45	NB	1	0	0	
13:59:47	13:45	NB	2	0	0	
14:00:30	14:00	NB	2	0	1	
14:01:24	14:00	SB	1	0	0	
14:04:32	14:00	NB	1	2	2	
14:06:48	14:00	NB	1	0	2	
14:07:09	14:00	SB	1	0	0	
14:08:35	14:00	SB	1	0	0	
14:09:31	14:00	SB	1	1	0	
14:10:48	14:00	NB	1	2	0	
14:11:36	14:00	NB	1	0	1	
14:15:53	14:15	NB	1	0	0	
14:15:53	14:15	SB	1	0	0	
14:16:49	14:15	NB	1	1	0	
14:17:25	14:15	NB	1	4	0	Eastbound queuing not caused by crossing
14:19:09	14:15	NB	1	4	0	Eastbound queuing not caused by crossing
14:20:02	14:15	SB	1	4	0	Eastbound queuing not caused by crossing
14:21:34	14:15	SB	1	8	0	Eastbound queuing not caused by crossing
14:25:47	14:15	SB	1	5	0	Eastbound queuing not caused by crossing
14:28:04	14:15	SB	1	1	1	
14:28:43	14:15	SB	2	2	3	
14:29:32	14:15	NB	1	5	0	Eastbound queuing not caused by crossing
14:31:20	14:30	SB	1	3	0	
14:31:24	14:30	SB	1	3	0	
14:33:09	14:30	SB	1	3	0	
14:36:18	14:30	NB	2	1	0	
14:36:46	14:30	SB	1	2	0	
14:36:49	14:30	NB	1	2	0	
14:37:10	14:30	SB	1	0	3	
14:39:05	14:30	SB	1	0	0	
14:39:42	14:30	NB	1	0	0	
14:40:23	14:30	SB	1	1	0	
14:44:53	14:30	SB	1	0	0	
14:47:41	14:45	SB	1	2	1	
14:47:42	14:45	SB	1	2	1	
14:48:24	14:45	NB	1	0	1	
14:49:55	14:45	NB	2	0	0	
14:51:11	14:45	NB	1	0	0	
14:51:41	14:45	SB	1	0	0	
14:52:05	14:45	NB	2	3	0	
14:52:44	14:45	NB	1	0	0	
14:52:57	14:45	NB	1	0	0	
14:55:35	14:45	NB	1	0	2	
14:56:49	14:45	NB	1	1	1	





SITE: A

DATE: 12/07/2023

LOCATION: Zebra Crossing: A547 Market Street

DAY: Wednesday

Crossing Time	Time Period	Direction	No. of Pedestrians Crossing	Eastbound Queue	Westbound Queue	Comments
14:58:57	14:45	NB	1	0	0	
15:02:38	15:00	NB	1	0	0	
15:04:24	15:00	SB	1	0	0	
15:06:10	15:00	NB	1	2	0	
15:06:27	15:00	NB	1	0	0	
15:06:58	15:00	SB	1	2	0	
15:08:25	15:00	SB	1	2	0	
15:09:14	15:00	SB	1	0	0	
15:11:44	15:00	NB	1	0	0	
15:16:10	15:15	SB	2	1	0	
15:16:31	15:15	SB	1	0	0	
15:16:32	15:15	NB	1	1	0	
15:18:58	15:15	NB	2	0	0	
15:19:47	15:15	SB	1	3	0	
15:20:15	15:15	NB	1	1	1	
15:22:44	15:15	NB	1	0	0	
15:23:58	15:15	SB	2	0	0	
15:24:55	15:15	NB	1	0	0	
15:25:02	15:15	SB	1	0	0	
15:27:43	15:15	SB	1	1	1	
15:28:41	15:15	NB	1	2	0	
15:29:44	15:15	NB	1	0	0	
15:30:37	15:30	SB	2	0	1	
15:32:15	15:30	NB	1	0	0	
15:35:41	15:30	NB	1	0	0	
15:36:35	15:30	NB	2	0	0	
15:38:44	15:30	NB	1	6	0	
15:39:36	15:30	NB	1	0	0	
15:40:18	15:30	SB	2	0	1	
15:40:22	15:30	NB	1	1	1	
15:41:52	15:30	NB	2	0	0	
15:42:49	15:30	SB	2	0	0	
15:43:41	15:30	NB	1	0	0	
15:43:55	15:30	NB	1	0	0	
15:47:46	15:45	NB	1	2	0	
15:48:16	15:45	SB	1	2	0	
15:48:58	15:45	NB	1	2	0	
15:49:28	15:45	SB	1	0	2	
15:52:04	15:45	SB	3	1	0	
15:53:22	15:45	NB	1	0	0	
15:53:26	15:45	SB	1	2	1	
15:54:58	15:45	SB	1	0	0	
15:55:04	15:45	SB	1	1	0	
15:55:15	15:45	SB	1	0	0	
15:57:18	15:45	SB	1	0	0	
15:57:28	15:45	SB	2	0	0	
15:58:11	15:45	NB	1	0	0	
15:58:32	15:45	NB	1	0	0	
15:58:49	15:45	SB	1	0	0	
15:58:49	15:45	NB	3	0	0	
16:03:01	16:00	SB	1	0	0	
16:04:43	16:00	SB	1	0	0	
16:04:43	16:00	NB	2	0	0	
16:05:59	16:00	SB	1	0	0	
16:09:00	16:00	SB	2	0	0	
16:09:32	16:00	SB	1	0	0	
16:11:04	16:00	NB	1	0	1	
16:11:33	16:00	SB	1	0	2	
16:17:51	16:15	NB	2	2	1	
16:18:34	16:15	NB	1	0	0	
16:19:46	16:15	SB	1	0	2	
16:20:22	16:15	SB	1	0	2	
16:20:48	16:15	SB	1	1	0	
16:36:52	16:30	SB	2	0	0	
16:39:11	16:30	NB	3	1	4	
16:39:13	16:30	SB	1	1	4	
16:40:45	16:30	NB	1	0	0	
16:43:38	16:30	NB	2	2	0	
16:43:39	16:30	SB	1	2	0	
16:46:44	16:45	SB	1	0	0	
16:47:46	16:45	SB	1	0	2	
16:50:02	16:45	NB	1	2	1	
16:52:01	16:45	NB	1	0	0	
17:05:00	17:00	NB	1	0	0	





SITE: A

DATE: 12/07/2023

LOCATION: Zebra Crossing: A547 Market Street

DAY: Wednesday

Crossing Time	Time Period	Direction	No. of Pedestrians Crossing	Eastbound Queue	Westbound Queue	Comments
17:05:12	17:00	NB	1	0	0	
17:05:58	17:00	NB	1	1	0	
17:09:27	17:00	NB	3	2	4	
17:09:51	17:00	SB	1	2	0	
17:15:48	17:15	SB	2	0	0	
17:15:57	17:15	NB	1	0	0	
17:16:55	17:15	SB	1	4	1	Eastbound queuing not caused by crossing
17:18:17	17:15	NB	1	4	0	
17:20:12	17:15	SB	1	9	2	Eastbound queuing not caused by crossing
17:21:24	17:15	SB	1	3	0	Eastbound queuing not caused by crossing
17:22:35	17:15	NB	1	6	1	Eastbound queuing not caused by crossing
17:24:13	17:15	NB	3	0	0	
17:25:18	17:15	NB	4	0	0	
17:26:32	17:15	NB	1	1	0	
17:26:53	17:15	NB	1	0	0	
17:28:33	17:15	SB	2	2	0	
17:30:00	17:30	NB	1	0	0	
17:30:19	17:30	SB	5	0	0	
17:31:12	17:30	NB	1	0	0	
17:32:19	17:30	SB	2	2	0	
17:36:22	17:30	NB	1	0	0	
17:38:55	17:30	SB	1	1	0	
17:44:22	17:30	NB	1	1	0	
17:50:49	17:45	NB	3	0	0	
17:53:07	17:45	SB	1	0	0	
17:54:00	17:45	NB	6	0	1	
17:56:30	17:45	SB	3	0	2	
17:59:35	17:45	NB	1	0	0	
17:59:42	17:45	NB	1	0	0	
18:03:43	18:00	NB	2	2	1	
18:04:09	18:00	NB	1	0	1	
18:06:50	18:00	NB	1	0	0	
18:09:29	18:00	SB	2	0	1	
18:11:19	18:00	NB	1	0	0	
18:17:00	18:15	SB	3	0	0	
18:18:13	18:15	SB	1	0	1	
18:24:08	18:15	NB	1	0	0	
18:31:14	18:30	SB	6	0	0	
18:38:08	18:30	NB	2	0	0	
18:41:51	18:30	SB	1	1	1	
18:42:42	18:30	NB	1	0	0	
18:44:10	18:30	SB	1	0	0	
19:02:44	19:00	NB	1	0	1	
19:11:50	19:00	SB	1	0	0	
19:14:52	19:00	NB	1	0	0	
19:16:24	19:15	NB	3	0	1	
19:16:44	19:15	SB	2	0	0	
19:19:00	19:15	NB	1	0	0	
19:28:03	19:15	NB	2	0	0	
19:46:55	19:45	SB	2	0	0	
19:52:38	19:45	NB	2	0	0	
19:53:42	19:45	NB	2	1	1	
19:53:43	19:45	SB	2	1	1	
19:54:18	19:45	NB	2	0	0	
19:59:04	19:45	SB	1	0	0	





SITE: A

DATE: 12/07/2023

LOCATION: Zebra Crossing: A547 Market Street

DAY: Wednesday

Direction	Northbound
Time Period	Pedestrians Crossing
06:45	4
07:30	2
08:00	2
08:15	8
08:30	3
08:45	1
09:00	1
09:30	4
09:45	3
10:00	3
10:15	3
10:30	5
10:45	5
11:00	4
11:15	9
11:30	14
11:45	7
12:00	11
12:15	7
12:30	7
12:45	8
13:00	4
13:15	7
13:30	7
13:45	11
14:00	6
14:15	5
14:30	4
14:45	11
15:00	4
15:15	8
15:30	11
15:45	8
16:00	3
16:15	3
16:30	6
16:45	2
17:00	6
17:15	12
17:30	4
17:45	11
18:00	5
18:15	1
18:30	3
19:00	2
19:15	6
19:45	6
Total	267

Direction	Southbound
Time Period	Pedestrians Crossing
07:45	1
08:15	1
08:30	1
08:45	2
09:00	2
09:15	6
09:30	5
09:45	3
10:00	9
10:15	9
10:30	4
10:45	7
11:00	2
11:15	7
11:30	4
11:45	3
12:00	11
12:15	3
12:45	2
13:00	1
13:15	6
13:30	6
13:45	1
14:00	4
14:15	7
14:30	8
14:45	3
15:00	4
15:15	8
15:30	6
15:45	13
16:00	7
16:15	3
16:30	4
16:45	2
17:00	1
17:15	7
17:30	8
17:45	4
18:00	2
18:15	4
18:30	8
19:00	1
19:15	2
19:45	5
Total	207





SITE: B

DATE: 12/07/2023

LOCATION: Zebra Crossing: A547 Rhuddlan Road

DAY: Wednesday

Crossing Time	Time Period	Direction	No. of Pedestrians Crossing	Eastbound Queue	Westbound Queue	Comments
06:17:12	06:15	NB	1	1	0	
07:23:20	07:15	NB	1	0	0	
07:47:57	07:45	NB	1	0	0	
07:49:49	07:45	NB	1	0	0	
07:49:50	07:45	NB	1	0	0	
07:54:23	07:45	SB	1	0	0	
08:02:30	08:00	NB	1	1	0	
08:02:44	08:00	NB	1	1	0	
08:09:21	08:00	SB	1	1	0	
08:18:20	08:15	NB	3	0	0	
08:26:57	08:15	SB	1	0	3	
08:30:11	08:30	NB	1	0	0	
08:30:16	08:30	NB	1	0	0	
08:32:48	08:30	NB	1	0	0	
08:36:29	08:30	NB	3	0	0	
08:37:10	08:30	NB	3	1	0	
08:45:31	08:45	NB	2	3	2	
08:47:12	08:45	NB	1	0	2	
08:49:02	08:45	NB	3	1	0	
08:51:05	08:45	NB	4	3	0	
08:51:25	08:45	NB	3	1	0	
08:51:43	08:45	NB	2	2	0	
08:53:04	08:45	NB	1	1	0	
08:53:29	08:45	SB	1	2	0	
08:53:52	08:45	NB	1	1	0	
08:56:31	08:45	NB	3	0	1	
09:03:44	09:00	SB	1	0	1	
09:09:04	09:00	SB	2	3	0	
09:11:11	09:00	SB	1	0	0	
10:19:20	10:15	NB	2	1	1	
10:38:57	10:30	NB	1	0	1	
10:55:58	10:45	SB	1	0	0	
10:59:55	10:45	NB	1	0	1	
11:01:12	11:00	SB	1	0	0	
11:11:44	11:00	SB	2	1	1	
11:21:54	11:15	SB	1	0	0	
11:28:47	11:15	SB	1	0	0	
11:30:48	11:30	SB	3	0	1	
11:52:20	11:45	SB	2	0	0	
12:12:32	12:00	SB	2	1	0	
12:28:24	12:15	SB	1	0	1	
12:36:22	12:30	SB	2	1	0	
12:37:29	12:30	SB	1	0	0	
12:38:41	12:30	SB	1	0	0	
12:38:42	12:30	NB	1	0	0	
12:40:51	12:30	SB	1	0	2	
13:16:05	13:15	SB	1	0	0	
13:28:36	13:15	SB	1	0	0	
13:44:11	13:30	NB	1	0	0	
13:51:07	13:45	NB	1	0	0	
14:03:11	14:00	NB	1	0	3	
14:28:28	14:15	SB	1	0	1	
14:44:12	14:30	NB	1	0	0	
14:49:32	14:45	SB	1	2	0	
14:52:57	14:45	SB	1	0	0	
14:59:12	14:45	NB	1	1	0	
15:02:05	15:00	NB	1	2	0	
15:03:42	15:00	NB	1	2	1	
15:04:23	15:00	NB	2	0	0	
15:12:18	15:00	NB	3	1	1	
15:13:52	15:00	SB	2	3	0	
15:14:55	15:00	SB	1	0	0	
15:18:29	15:15	SB	2	0	4	
15:20:38	15:15	SB	2	1	0	
15:23:48	15:15	SB	4	2	1	
15:24:13	15:15	SB	2	1	0	
15:26:15	15:15	SB	2	2	0	
15:27:08	15:15	NB	1	0	0	
15:32:20	15:30	NB	2	0	1	
15:32:39	15:30	SB	1	2	0	
15:34:06	15:30	SB	1	1	1	
15:37:29	15:30	SB	2	0	0	
15:43:01	15:30	SB	3	5	0	
15:46:06	15:45	SB	1	0	0	
15:47:56	15:45	SB	2	0	0	





SITE: B

DATE: 12/07/2023

LOCATION: Zebra Crossing: A547 Rhuddlan Road

DAY: Wednesday

Crossing Time	Time Period	Direction	No. of Pedestrians Crossing	Eastbound Queue	Westbound Queue	Comments
15:49:11	15:45	NB	1	0	0	
15:52:12	15:45	NB	2	0	0	
15:54:33	15:45	NB	2	1	0	
15:54:46	15:45	SB	1	2	0	
16:03:56	16:00	NB	2	5	0	Westbound queuing not caused by crossing
16:04:25	16:00	NB	1	12	0	Westbound queuing not caused by crossing
16:07:17	16:00	SB	2	0	0	
16:07:56	16:00	NB	1	6	0	Westbound queuing not caused by crossing
16:21:57	16:15	NB	1	0	0	
17:06:15	17:00	SB	2	0	1	
17:22:42	17:15	NB	3	0	1	
17:23:18	17:15	SB	1	0	0	
17:32:39	17:30	SB	2	0	0	
17:36:11	17:30	NB	2	1	0	
17:44:20	17:30	SB	1	1	0	
17:44:37	17:30	NB	1	0	0	
17:50:07	17:45	NB	1	0	0	
17:53:21	17:45	SB	1	0	1	
17:55:24	17:45	NB	2	1	0	
18:14:06	18:00	NB	1	0	0	
18:14:28	18:00	SB	1	0	0	
18:19:02	18:15	SB	2	0	0	
18:21:11	18:15	NB	2	1	0	
18:38:42	18:30	NB	1	0	1	
19:02:58	19:00	SB	1	0	0	
19:04:17	19:00	SB	1	0	0	
19:17:42	19:15	NB	1	0	0	





SITE: B

DATE: 12/07/2023

LOCATION: Zebra Crossing: A547 Rhuddlan Road


DAY: Wednesday

Direction	Northbound
Time Period	Pedestrians Crossing
06:15	1
07:15	1
07:45	3
08:00	2
08:15	3
08:30	9
08:45	20
10:15	2
10:30	1
10:45	1
12:30	1
13:30	1
13:45	1
14:00	1
14:30	1
14:45	1
15:00	7
15:15	1
15:30	2
15:45	5
16:00	4
16:15	1
17:15	3
17:30	3
17:45	3
18:00	1
18:15	2
18:30	1
19:15	1
Total	83

Direction	Southbound
Time Period	Pedestrians Crossing
07:45	1
08:00	1
08:15	1
08:45	1
09:00	4
10:45	1
11:00	3
11:15	2
11:30	3
11:45	2
12:00	2
12:15	1
12:30	5
13:15	2
14:15	1
14:45	2
15:00	3
15:15	12
15:30	7
15:45	4
16:00	2
17:00	2
17:15	1
17:30	3
17:45	1
18:00	1
18:15	2
19:00	2
Total	72






	<b>Site / Location:</b>	Site A, Zebra Crossing: A547 Market Street, south of Tesco	<b>Project No:</b>	14343	<b>Drawing No:</b>	14343-02	<b>Drawn By:</b>	MN
	<b>Survey Date:</b>	Wednesday 9th August 2023	<b>Project Name:</b>	Abergele				
	<b>Survey Times:</b>	06:00 to 20:00	<b>Drawing Title:</b>	Site Layout and Observed Movements				





	<b>Site / Location:</b> Site B, Zebra Crossing: A547 Rhuddlan Road, north of Top Wok Abergele	<b>Project No:</b> 14343	<b>Drawing No:</b> 14343-03	<b>Drawn By:</b> MN
	<b>Survey Date:</b> Wednesday 9th August 2023	<b>Project Name:</b> Abergele		
	<b>Survey Times:</b> 06:00 to 20:00	<b>Drawing Title:</b> Site Layout and Observed Movements		



On occasion the eastbound queues at Site A and the westbound queues at Site B were not caused by pedestrians using the crossing but instead resulted from queuing at the adjacent junctions. These instances have been noted in the data.





SITE: A

DATE: 09/08/2023

LOCATION: Zebra Crossing: A547 Market Street

DAY: Wednesday

Crossing Time	Time Period	Direction	No. of Pedestrians Crossing	Eastbound Queue	Westbound Queue	Comments
06:25:57	06:15	NB	1	0	0	
06:35:04	06:30	SB	1	0	0	
06:51:25	06:45	NB	1	0	0	
06:53:37	06:45	SB	1	0	0	
07:47:41	07:45	SB	1	0	0	
08:00:26	08:00	SB	1	1	0	
08:05:08	08:00	NB	1	0	2	
08:11:43	08:00	SB	1	0	0	
08:14:03	08:00	NB	1	0	0	
08:27:53	08:15	NB	1	0	0	
08:32:24	08:30	NB	1	0	0	
08:33:16	08:30	NB	1	0	1	
08:43:44	08:30	NB	1	0	0	
08:45:22	08:45	SB	1	0	0	
08:46:05	08:45	NB	1	0	1	
08:50:56	08:45	SB	1	0	0	
08:57:00	08:45	SB	2	0	0	
08:58:02	08:45	SB	1	0	0	
09:03:06	09:00	NB	2	1	1	
09:16:10	09:15	SB	1	0	0	
09:16:55	09:15	NB	1	1	0	
09:17:50	09:15	NB	2	0	0	
09:20:08	09:15	NB	2	1	3	
09:22:45	09:15	SB	1	0	0	
09:30:31	09:30	NB	1	3	0	
09:33:32	09:30	NB	1	0	0	
09:34:57	09:30	NB	2	0	0	
09:36:12	09:30	NB	1	0	0	
09:41:29	09:30	SB	1	0	1	
09:44:33	09:30	NB	1	0	0	
09:44:53	09:30	NB	1	1	1	
09:45:09	09:45	SB	1	3	0	
09:45:24	09:45	SB	1	1	0	
09:45:36	09:45	NB	1	0	0	
09:45:37	09:45	SB	1	0	0	
09:46:57	09:45	NB	2	2	3	
09:47:50	09:45	NB	1	1	0	
09:47:52	09:45	SB	1	1	0	
09:48:22	09:45	NB	1	1	0	
09:48:43	09:45	NB	2	0	0	
09:52:35	09:45	SB	1	0	0	
09:53:32	09:45	SB	1	1	0	
09:55:48	09:45	SB	1	0	0	
09:59:09	09:45	SB	1	0	0	
09:59:53	09:45	NB	1	0	0	
09:59:53	09:45	SB	1	0	0	
09:59:58	09:45	NB	1	0	1	
10:00:18	10:00	NB	2	0	1	
10:02:56	10:00	NB	1	0	0	
10:03:35	10:00	SB	1	0	0	
10:06:18	10:00	SB	2	0	0	
10:06:19	10:00	NB	1	0	1	
10:06:33	10:00	SB	1	0	0	
10:07:35	10:00	NB	1	0	0	
10:07:51	10:00	NB	1	0	0	
10:08:23	10:00	SB	2	0	0	
10:10:00	10:00	SB	1	0	1	
10:11:35	10:00	NB	1	0	0	
10:12:22	10:00	SB	1	0	0	
10:16:47	10:15	NB	1	0	0	
10:16:49	10:15	SB	2	0	0	
10:18:05	10:15	NB	1	1	1	
10:18:48	10:15	SB	1	0	0	
10:21:03	10:15	NB	1	0	0	
10:21:13	10:15	NB	4	0	0	
10:23:24	10:15	SB	1	0	0	
10:23:32	10:15	SB	4	1	0	
10:24:25	10:15	SB	1	0	0	
10:27:05	10:15	SB	1	1	0	





SITE: A

DATE: 09/08/2023

LOCATION: Zebra Crossing: A547 Market Street

DAY: Wednesday

Crossing Time	Time Period	Direction	No. of Pedestrians Crossing	Eastbound Queue	Westbound Queue	Comments
10:30:37	10:30	SB	2	0	1	
10:31:57	10:30	NB	2	1	0	
10:36:46	10:30	NB	1	0	0	
10:37:32	10:30	SB	1	0	0	
10:40:06	10:30	NB	1	2	0	
10:40:34	10:30	SB	1	0	1	
10:44:59	10:30	SB	1	0	0	
10:47:04	10:45	SB	2	0	3	
10:48:24	10:45	NB	1	0	0	
10:48:46	10:45	SB	2	0	0	
10:53:13	10:45	NB	1	0	1	
10:54:58	10:45	SB	1	0	0	
10:56:37	10:45	SB	1	0	0	
10:57:27	10:45	NB	1	0	0	
10:59:54	10:45	NB	1	2	1	
11:01:57	11:00	SB	1	0	0	
11:02:00	11:00	SB	1	0	0	
11:02:17	11:00	SB	1	1	0	
11:02:45	11:00	SB	1	0	0	
11:02:48	11:00	NB	1	0	2	
11:03:05	11:00	SB	1	0	0	
11:03:45	11:00	SB	1	0	0	
11:03:47	11:00	NB	1	0	0	
11:07:48	11:00	SB	1	0	0	
11:10:14	11:00	NB	1	2	0	
11:10:40	11:00	SB	2	0	0	
11:10:56	11:00	NB	1	0	0	
11:12:46	11:00	NB	1	2	0	
11:14:51	11:00	SB	4	3	1	
11:17:14	11:15	SB	1	0	1	
11:18:12	11:15	NB	4	3	5	
11:18:16	11:15	NB	3	3	5	
11:18:22	11:15	NB	1	3	5	
11:19:55	11:15	SB	1	0	0	
11:21:46	11:15	NB	1	0	3	
11:22:04	11:15	SB	1	0	0	
11:22:20	11:15	NB	1	0	0	
11:22:58	11:15	NB	1	1	4	
11:23:11	11:15	SB	1	0	4	
11:23:36	11:15	NB	1	0	5	
11:23:37	11:15	SB	1	0	5	
11:24:28	11:15	NB	2	0	0	
11:25:44	11:15	SB	1	1	0	
11:27:21	11:15	NB	1	1	0	
11:27:35	11:15	SB	1	0	1	
11:28:12	11:15	NB	1	0	0	
11:32:05	11:30	NB	1	0	0	
11:33:21	11:30	SB	1	0	0	
11:34:11	11:30	SB	1	0	0	
11:34:23	11:30	NB	1	0	1	
11:34:44	11:30	SB	1	1	0	
11:36:49	11:30	NB	1	2	0	Eastbound queuing not caused by crossing
11:39:05	11:30	SB	1	5	1	
11:39:34	11:30	SB	3	6	0	
11:39:35	11:30	NB	1	6	0	
11:44:53	11:30	NB	3	1	1	
11:45:35	11:45	SB	1	2	0	
11:46:46	11:45	NB	1	0	0	
11:49:05	11:45	NB	3	0	0	
11:50:35	11:45	NB	1	0	0	
11:50:40	11:45	NB	1	0	1	
11:51:09	11:45	SB	2	0	0	
11:51:34	11:45	SB	1	0	0	
11:52:14	11:45	NB	1	1	2	
11:52:45	11:45	SB	1	1	0	
11:53:33	11:45	SB	1	0	0	
11:53:58	11:45	SB	1	0	0	
11:54:44	11:45	NB	2	1	1	
11:56:43	11:45	SB	1	0	0	
11:57:24	11:45	SB	1	0	0	
11:59:17	11:45	NB	1	0	2	
12:01:30	12:00	NB	1	0	0	





SITE: A

DATE: 09/08/2023

LOCATION: Zebra Crossing: A547 Market Street

DAY: Wednesday

Crossing Time	Time Period	Direction	No. of Pedestrians Crossing	Eastbound Queue	Westbound Queue	Comments
12:02:14	12:00	NB	2	0	0	
12:03:01	12:00	SB	1	0	0	
12:03:57	12:00	SB	4	3	0	
12:04:02	12:00	NB	1	3	0	
12:11:26	12:00	SB	3	1	1	
12:13:11	12:00	NB	2	0	0	
12:14:33	12:00	SB	2	0	3	
12:16:43	12:15	SB	1	2	0	
12:19:27	12:15	SB	2	0	0	
12:21:55	12:15	NB	1	1	0	
12:22:15	12:15	SB	3	2	0	
12:24:17	12:15	SB	1	0	0	
12:24:22	12:15	NB	1	0	0	
12:24:49	12:15	NB	1	0	0	
12:26:37	12:15	SB	1	0	0	
12:26:41	12:15	SB	1	0	0	
12:27:45	12:15	NB	2	0	4	
12:28:32	12:15	SB	1	0	2	
12:29:47	12:15	SB	1	2	2	
12:29:50	12:15	SB	1	2	2	
12:35:20	12:30	SB	1	0	0	
12:36:35	12:30	SB	2	3	0	
12:39:15	12:30	NB	1	4	3	
12:44:16	12:30	NB	2	5	0	
12:44:22	12:30	NB	1	5	0	
12:47:15	12:45	NB	1	3	0	
12:48:59	12:45	NB	1	0	0	
12:53:31	12:45	NB	1	2	0	
12:53:57	12:45	NB	1	5	1	
12:55:33	12:45	SB	2	1	0	
13:03:45	13:00	NB	1	0	0	
13:03:47	13:00	NB	1	0	0	
13:04:24	13:00	NB	2	0	0	
13:04:47	13:00	NB	1	0	0	
13:05:31	13:00	SB	2	0	2	
13:07:44	13:00	SB	2	0	1	
13:08:46	13:00	SB	1	0	3	
13:09:20	13:00	NB	1	0	0	
13:09:47	13:00	NB	1	0	0	
13:12:23	13:00	SB	1	0	0	
13:14:34	13:00	SB	1	0	0	
13:15:42	13:15	SB	3	0	2	
13:16:09	13:15	NB	4	0	0	
13:18:18	13:15	SB	1	0	0	
13:19:31	13:15	NB	2	0	0	
13:22:23	13:15	SB	1	0	4	
13:23:54	13:15	NB	1	0	0	
13:24:23	13:15	SB	1	0	0	
13:24:28	13:15	SB	1	1	1	
13:24:47	13:15	SB	1	1	0	
13:25:35	13:15	SB	2	0	1	
13:26:09	13:15	NB	2	0	0	
13:26:18	13:15	NB	1	1	0	
13:26:56	13:15	SB	2	0	0	
13:31:03	13:30	SB	2	2	0	
13:32:08	13:30	NB	1	1	0	
13:32:54	13:30	NB	1	0	0	
13:35:36	13:30	SB	1	1	0	
13:35:45	13:30	NB	2	0	0	
13:37:13	13:30	NB	2	0	0	
13:38:07	13:30	NB	2	0	0	
13:40:31	13:30	NB	1	1	0	
13:42:13	13:30	NB	2	0	0	
13:42:24	13:30	SB	1	0	0	
13:42:46	13:30	NB	1	1	0	
13:42:48	13:30	NB	1	1	0	
13:44:54	13:30	NB	1	0	0	
13:45:26	13:45	NB	2	2	0	
13:45:27	13:45	NB	2	2	0	
13:47:16	13:45	SB	2	0	0	
13:47:35	13:45	NB	1	1	1	
13:47:47	13:45	NB	3	3	1	





SITE: A

DATE: 09/08/2023

LOCATION: Zebra Crossing: A547 Market Street

DAY: Wednesday

Crossing Time	Time Period	Direction	No. of Pedestrians Crossing	Eastbound Queue	Westbound Queue	Comments
13:47:49	13:45	SB	1	3	1	
13:49:14	13:45	SB	3	0	1	
13:51:18	13:45	NB	2	0	0	
13:52:19	13:45	NB	3	0	0	
13:52:39	13:45	SB	1	0	0	
13:53:22	13:45	SB	2	0	0	
13:54:30	13:45	SB	1	0	0	
13:55:18	13:45	NB	1	0	2	
13:56:27	13:45	SB	1	0	0	
13:56:29	13:45	SB	1	0	1	
13:56:36	13:45	SB	1	0	1	
13:58:34	13:45	SB	1	0	0	
13:59:27	13:45	SB	1	1	0	
13:59:54	13:45	NB	1	0	0	
14:00:41	14:00	NB	2	1	0	
14:02:23	14:00	SB	1	0	0	
14:02:33	14:00	SB	2	0	1	
14:02:34	14:00	NB	2	0	1	
14:02:47	14:00	SB	1	0	1	
14:03:24	14:00	NB	4	0	2	
14:04:12	14:00	NB	2	2	1	
14:05:28	14:00	SB	1	3	1	
14:05:29	14:00	SB	1	3	1	
14:06:42	14:00	NB	2	1	0	
14:08:03	14:00	SB	1	0	0	
14:08:30	14:00	NB	2	0	0	
14:09:30	14:00	NB	1	0	0	
14:10:22	14:00	NB	1	0	0	
14:10:41	14:00	SB	2	0	0	
14:11:41	14:00	NB	1	1	0	
14:14:04	14:00	SB	1	0	0	
14:15:17	14:15	NB	1	0	1	
14:15:19	14:15	SB	1	0	1	
14:16:08	14:15	SB	1	4	0	
14:16:34	14:15	SB	2	5	0	
14:18:45	14:15	SB	1	2	0	
14:18:46	14:15	SB	1	2	0	
14:19:20	14:15	NB	1	0	0	
14:19:24	14:15	NB	1	2	0	
14:19:51	14:15	NB	1	0	1	
14:24:19	14:15	SB	1	0	0	
14:24:25	14:15	NB	2	0	0	
14:25:09	14:15	SB	1	0	0	
14:25:33	14:15	SB	1	2	0	
14:27:20	14:15	NB	2	2	0	
14:28:31	14:15	NB	3	1	0	
14:29:12	14:15	SB	1	0	0	
14:29:14	14:15	SB	1	0	0	
14:29:16	14:15	SB	2	0	1	
14:29:47	14:15	NB	1	1	0	
14:32:26	14:30	SB	2	0	0	
14:32:30	14:30	SB	1	0	0	
14:33:29	14:30	NB	1	1	0	
14:33:44	14:30	SB	1	0	0	
14:33:46	14:30	NB	1	0	0	
14:35:25	14:30	NB	1	0	1	
14:36:17	14:30	NB	1	1	0	
14:36:36	14:30	SB	2	0	0	
14:37:14	14:30	SB	1	0	0	
14:37:45	14:30	NB	1	0	0	
14:37:57	14:30	SB	3	0	0	
14:39:01	14:30	SB	1	0	0	
14:40:43	14:30	NB	2	0	0	
14:42:34	14:30	SB	1	2	5	
14:45:48	14:45	NB	1	0	0	
14:45:53	14:45	NB	1	0	0	
14:47:26	14:45	SB	3	3	0	Eastbound queuing not caused by crossing
14:49:29	14:45	SB	4	0	4	
14:49:33	14:45	NB	1	0	4	
14:50:40	14:45	NB	2	1	1	
14:51:19	14:45	SB	1	0	1	
14:53:27	14:45	NB	1	0	0	





SITE: A

DATE: 09/08/2023

LOCATION: Zebra Crossing: A547 Market Street

DAY: Wednesday

Crossing Time	Time Period	Direction	No. of Pedestrians Crossing	Eastbound Queue	Westbound Queue	Comments
14:53:55	14:45	NB	2	0	0	
14:54:50	14:45	NB	2	0	1	
14:59:21	14:45	NB	1	1	1	
15:03:53	15:00	SB	2	0	1	
15:03:56	15:00	SB	1	0	3	
15:04:09	15:00	SB	2	0	4	
15:05:05	15:00	SB	3	4	4	
15:05:38	15:00	SB	1	0	0	
15:06:23	15:00	NB	2	1	1	
15:06:25	15:00	SB	1	1	0	
15:07:02	15:00	NB	3	2	0	Eastbound queuing not caused by crossing
15:07:20	15:00	SB	1	0	0	
15:10:57	15:00	NB	1	0	0	
15:12:22	15:00	NB	1	0	0	
15:12:24	15:00	SB	2	0	2	
15:13:22	15:00	NB	1	0	0	
15:13:58	15:00	NB	1	0	0	
15:14:28	15:00	SB	1	3	0	
15:16:51	15:15	NB	1	0	0	
15:18:10	15:15	SB	1	3	0	Eastbound queuing not caused by crossing
15:20:16	15:15	NB	1	2	0	Eastbound queuing not caused by crossing
15:20:46	15:15	SB	2	2	0	
15:21:01	15:15	NB	1	0	2	
15:21:25	15:15	SB	1	1	0	Eastbound queuing not caused by crossing
15:21:28	15:15	NB	1	1	0	Eastbound queuing not caused by crossing
15:23:15	15:15	NB	1	2	0	
15:23:46	15:15	NB	2	0	0	
15:26:05	15:15	SB	2	1	0	
15:26:10	15:15	SB	1	0	0	
15:26:54	15:15	SB	2	4	0	
15:30:29	15:30	NB	1	7	1	Eastbound queuing not caused by crossing
15:32:06	15:30	SB	1	0	0	
15:32:53	15:30	NB	1	6	0	Eastbound queuing not caused by crossing
15:34:44	15:30	NB	1	3	0	
15:34:46	15:30	NB	2	3	0	
15:34:48	15:30	NB	2	3	0	





SITE: A

DATE: 09/08/2023

LOCATION: Zebra Crossing: A547 Market Street

DAY: Wednesday

Crossing Time	Time Period	Direction	No. of Pedestrians Crossing	Eastbound Queue	Westbound Queue	Comments
15:38:29	15:30	SB	1	4	0	
15:38:55	15:30	SB	1	3	0	
15:39:57	15:30	SB	6	4	0	Eastbound queuing not caused by crossing
15:40:27	15:30	SB	3	6	2	Eastbound queuing not caused by crossing
15:40:29	15:30	NB	1	6	2	Eastbound queuing not caused by crossing
15:41:18	15:30	SB	1	0	0	
15:41:53	15:30	NB	3	1	6	
15:42:28	15:30	SB	1	5	3	Eastbound queuing not caused by crossing
15:42:29	15:30	SB	1	5	3	Eastbound queuing not caused by crossing
15:45:10	15:45	NB	1	1	2	
15:45:10	15:45	NB	1	1	2	
15:45:28	15:45	SB	1	0	0	
15:46:56	15:45	SB	1	1	1	Eastbound queuing not caused by crossing
15:48:27	15:45	NB	1	4	1	
15:49:05	15:45	SB	1	2	0	Eastbound queuing not caused by crossing
15:52:29	15:45	NB	1	0	0	
15:53:30	15:45	NB	1	1	0	
15:53:42	15:45	SB	1	1	0	
15:56:03	15:45	SB	1	1	0	
15:59:40	15:45	SB	2	0	2	
16:00:29	16:00	NB	1	0	0	
16:01:35	16:00	NB	3	3	2	Eastbound queuing not caused by crossing
16:01:52	16:00	SB	1	3	1	Eastbound queuing not caused by crossing
16:04:11	16:00	SB	2	7	0	Eastbound queuing not caused by crossing
16:04:28	16:00	NB	3	7	3	Eastbound queuing not caused by crossing
16:06:04	16:00	NB	3	8	0	
16:09:00	16:00	NB	2	3	0	
16:11:16	16:00	NB	1	1	0	
16:15:21	16:15	SB	5	2	0	Eastbound queuing not caused by crossing
16:17:27	16:15	NB	2	0	1	
16:18:22	16:15	SB	3	1	2	
16:20:54	16:15	SB	1	1	4	Eastbound queuing not caused by crossing
16:21:57	16:15	NB	1	6	0	
16:21:58	16:15	SB	1	6	0	
16:22:37	16:15	SB	3	3	0	
16:23:15	16:15	NB	1	5	1	
16:26:59	16:15	SB	1	4	1	
16:27:25	16:15	NB	3	1	3	
16:28:06	16:15	NB	2	7	0	
16:29:25	16:15	NB	1	0	0	
16:29:47	16:15	NB	2	9	0	Eastbound queuing not caused by crossing
16:30:52	16:30	SB	2	8	0	Eastbound queuing not caused by crossing
16:32:24	16:30	SB	1	6	1	Eastbound queuing not caused by crossing
16:32:41	16:30	SB	1	10	4	Eastbound queuing not caused by crossing
16:34:15	16:30	NB	1	8	0	Eastbound queuing not caused by crossing
16:35:33	16:30	SB	2	2	0	
16:35:59	16:30	NB	2	0	0	
16:40:13	16:30	NB	2	0	2	
16:42:19	16:30	SB	2	1	0	
16:44:39	16:30	SB	1	0	1	
16:44:54	16:30	SB	2	1	1	
16:46:25	16:45	NB	2	0	0	
16:47:58	16:45	SB	1	0	0	
16:48:16	16:45	NB	2	0	0	
16:50:30	16:45	NB	2	0	0	
16:52:10	16:45	SB	1	0	1	
16:52:11	16:45	NB	2	0	1	
16:55:39	16:45	NB	3	4	1	Eastbound queuing not caused by crossing
17:01:52	17:00	SB	1	0	0	
17:03:45	17:00	NB	2	0	0	
17:05:04	17:00	NB	1	0	0	
17:08:25	17:00	NB	1	3	2	
17:10:43	17:00	NB	1	0	0	
17:11:30	17:00	NB	2	1	0	Eastbound queuing not caused by crossing
17:16:03	17:15	NB	1	5	0	Eastbound queuing not caused by crossing
17:16:10	17:15	NB	1	6	1	Eastbound queuing not caused by crossing
17:16:37	17:15	SB	1	7	0	Eastbound queuing not caused by crossing
17:17:07	17:15	SB	3	8	0	Eastbound queuing not caused by crossing
17:20:17	17:15	NB	1	0	0	
17:25:30	17:15	NB	2	0	3	
17:26:02	17:15	SB	1	0	0	
17:27:52	17:15	NB	2	0	0	





SITE: A

DATE: 09/08/2023

LOCATION: Zebra Crossing: A547 Market Street

DAY: Wednesday

Crossing Time	Time Period	Direction	No. of Pedestrians Crossing	Eastbound Queue	Westbound Queue	Comments
17:31:17	17:30	NB	1	0	0	
17:34:00	17:30	SB	1	0	0	
17:35:56	17:30	NB	1	2	0	
17:36:09	17:30	SB	1	1	2	
17:37:46	17:30	NB	1	0	0	
17:40:19	17:30	SB	1	1	1	
17:41:32	17:30	NB	1	0	1	
17:43:27	17:30	SB	1	0	0	
17:43:57	17:30	SB	1	2	0	
17:45:01	17:45	SB	3	0	0	
17:48:34	17:45	SB	1	0	2	
17:52:14	17:45	SB	2	2	1	
17:54:03	17:45	NB	1	2	0	
17:55:58	17:45	NB	2	0	0	
18:03:43	18:00	SB	1	2	0	
18:07:19	18:00	NB	1	0	0	
18:08:02	18:00	SB	1	0	0	
18:23:48	18:15	SB	1	0	0	
18:44:58	18:30	NB	2	0	0	
18:46:19	18:45	NB	1	0	0	
18:47:13	18:45	NB	2	0	0	
18:48:08	18:45	NB	1	0	0	
18:54:45	18:45	NB	1	0	0	
18:55:37	18:45	SB	1	0	1	
18:59:21	18:45	SB	2	0	0	
19:01:41	19:00	SB	1	0	0	
19:10:56	19:00	NB	2	2	0	
19:15:59	19:15	NB	2	0	0	
19:25:29	19:15	SB	1	0	0	
19:44:05	19:30	SB	2	0	0	
19:44:47	19:30	SB	1	0	0	
19:55:38	19:45	NB	2	0	0	





SITE: A

DATE: 09/08/2023

LOCATION: Zebra Crossing: A547 Market Street

DAY: Wednesday

Direction	Northbound
Time Period	Pedestrians Crossing
06:15	1
06:45	1
08:00	2
08:15	1
08:30	3
08:45	1
09:00	2
09:15	5
09:30	7
09:45	9
10:00	7
10:15	7
10:30	4
10:45	4
11:00	5
11:15	16
11:30	7
11:45	10
12:00	6
12:15	5
12:30	4
12:45	4
13:00	7
13:15	10
13:30	14
13:45	15
14:00	17
14:15	12
14:30	7
14:45	11
15:00	9
15:15	7
15:30	11
15:45	5
16:00	13
16:15	12
16:30	5
16:45	11
17:00	7
17:15	7
17:30	4
17:45	3
18:00	1
18:30	2
18:45	5
19:00	2
19:15	2
19:45	2
Total	312

Direction	Southbound
Time Period	Pedestrians Crossing
06:30	1
06:45	1
07:45	1
08:00	2
08:45	5
09:15	2
09:30	1
09:45	9
10:00	8
10:15	10
10:30	5
10:45	6
11:00	13
11:15	7
11:30	7
11:45	9
12:00	10
12:15	12
12:30	3
12:45	2
13:00	7
13:15	12
13:30	4
13:45	15
14:00	10
14:15	13
14:30	12
14:45	8
15:00	14
15:15	9
15:30	15
15:45	7
16:00	3
16:15	14
16:30	11
16:45	2
17:00	1
17:15	5
17:30	5
17:45	6
18:00	2
18:15	1
18:45	3
19:00	1
19:15	1
19:30	3
Total	298





SITE: B

DATE: 09/08/2023

LOCATION: Zebra Crossing: A547 Rhuddlan Road

DAY: Wednesday

Crossing Time	Time Period	Direction	No. of Pedestrians Crossing	Eastbound Queue	Westbound Queue	Comments
06:56:44	06:45	NB	2	0	0	
08:02:31	08:00	NB	1	0	0	
08:09:04	08:00	NB	1	2	0	
08:58:59	08:45	NB	1	1	0	
09:10:54	09:00	NB	1	0	1	
09:33:31	09:30	NB	1	0	0	
09:36:01	09:30	NB	1	0	0	
09:45:40	09:45	NB	1	0	0	
10:20:56	10:15	NB	2	0	0	
10:22:32	10:15	SB	2	0	0	
10:24:42	10:15	SB	1	0	0	
10:27:35	10:15	NB	1	0	3	
10:30:04	10:30	SB	10	0	0	
10:30:48	10:30	SB	8	3	0	
10:55:42	10:45	NB	1	0	0	
11:07:58	11:00	NB	2	0	0	
11:09:43	11:00	NB	1	0	0	
11:14:26	11:00	NB	2	1	0	
11:22:14	11:15	NB	1	0	0	
11:29:01	11:15	NB	1	1	0	
11:29:47	11:15	NB	1	1	1	
11:31:29	11:30	SB	1	0	0	
11:43:35	11:30	NB	1	0	0	
11:56:54	11:45	SB	2	0	0	
12:06:49	12:00	NB	1	1	1	
12:08:03	12:00	NB	2	3	0	
12:25:55	12:15	NB	2	0	12	Westbound queuing not caused by crossing
12:36:31	12:30	SB	2	0	8	Westbound queuing not caused by crossing
12:46:58	12:45	NB	1	0	7	Westbound queuing not caused by crossing
12:50:11	12:45	NB	1	0	2	
13:08:32	13:00	NB	1	1	0	
13:12:27	13:00	NB	1	2	0	
13:13:29	13:00	SB	1	1	2	
13:50:22	13:45	NB	3	5	1	
14:37:40	14:30	SB	1	2	1	
14:43:40	14:30	SB	2	0	1	
14:53:42	14:45	SB	1	0	0	
14:56:14	14:45	NB	1	0	0	
14:57:40	14:45	SB	2	1	0	
15:00:06	15:00	NB	1	2	0	
15:02:43	15:00	SB	2	0	2	
15:08:05	15:00	NB	1	0	0	
15:17:30	15:15	NB	1	1	0	
15:27:24	15:15	NB	4	0	0	
15:34:04	15:30	SB	2	0	2	
15:36:01	15:30	SB	1	0	0	
15:48:11	15:45	SB	1	1	2	
15:52:35	15:45	NB	2	0	0	
15:52:59	15:45	SB	1	0	0	
15:56:11	15:45	NB	2	3	0	
15:57:28	15:45	NB	14	2	0	
15:58:00	15:45	NB	3	3	1	
16:09:57	16:00	NB	1	1	0	
16:12:09	16:00	SB	1	2	0	
16:12:43	16:00	SB	3	0	0	
16:27:29	16:15	SB	1	0	1	
16:49:02	16:45	SB	1	0	0	
16:49:31	16:45	SB	1	0	0	
16:52:12	16:45	SB	1	0	1	
17:14:03	17:00	NB	1	0	0	
17:19:28	17:15	NB	2	0	0	
17:22:10	17:15	NB	3	0	2	
17:28:07	17:15	SB	1	0	0	
17:38:10	17:30	SB	2	0	0	
17:40:16	17:30	NB	2	0	0	
17:52:06	17:45	SB	1	0	0	
17:53:57	17:45	NB	1	0	0	
18:18:36	18:15	NB	1	1	1	
18:20:52	18:15	NB	2	0	0	
18:21:47	18:15	SB	2	0	1	
18:23:38	18:15	SB	2	0	0	
18:32:14	18:30	NB	1	0	0	





SITE: B

DATE: 09/08/2023

LOCATION: Zebra Crossing: A547 Rhuddlan Road

DAY: Wednesday

Crossing Time	Time Period	Direction	No. of Pedestrians Crossing	Eastbound Queue	Westbound Queue	Comments
18:43:33	18:30	NB	1	0	0	
18:49:55	18:45	NB	1	0	0	
18:55:32	18:45	SB	1	0	0	
19:07:16	19:00	SB	1	0	0	
19:25:50	19:15	SB	1	0	0	
19:48:31	19:45	NB	1	0	0	
19:50:31	19:45	NB	1	0	0	





SITE: B

DATE: 09/08/2023

LOCATION: Zebra Crossing: A547 Rhuddlan Road

DAY: Wednesday

Direction	Northbound
Time Period	Pedestrians Crossing
06:45	2
08:00	2
08:45	1
09:00	1
09:30	2
09:45	1
10:15	3
10:45	1
11:00	5
11:15	3
11:30	1
12:00	3
12:15	2
12:45	2
13:00	2
13:45	3
14:45	1
15:00	2
15:15	5
15:45	21
16:00	1
17:00	1
17:15	5
17:30	2
17:45	1
18:15	3
18:30	2
18:45	1
19:45	2
Total	81

Direction	Southbound
Time Period	Pedestrians Crossing
10:15	3
10:30	18
11:30	1
11:45	2
12:30	2
13:00	1
14:30	3
14:45	3
15:00	2
15:30	3
15:45	2
16:00	4
16:15	1
16:45	3
17:15	1
17:30	2
17:45	1
18:15	4
18:45	1
19:00	1
19:15	1
Total	59