

Appendix 15.9

Fabian Way/Elba Crescent Junction

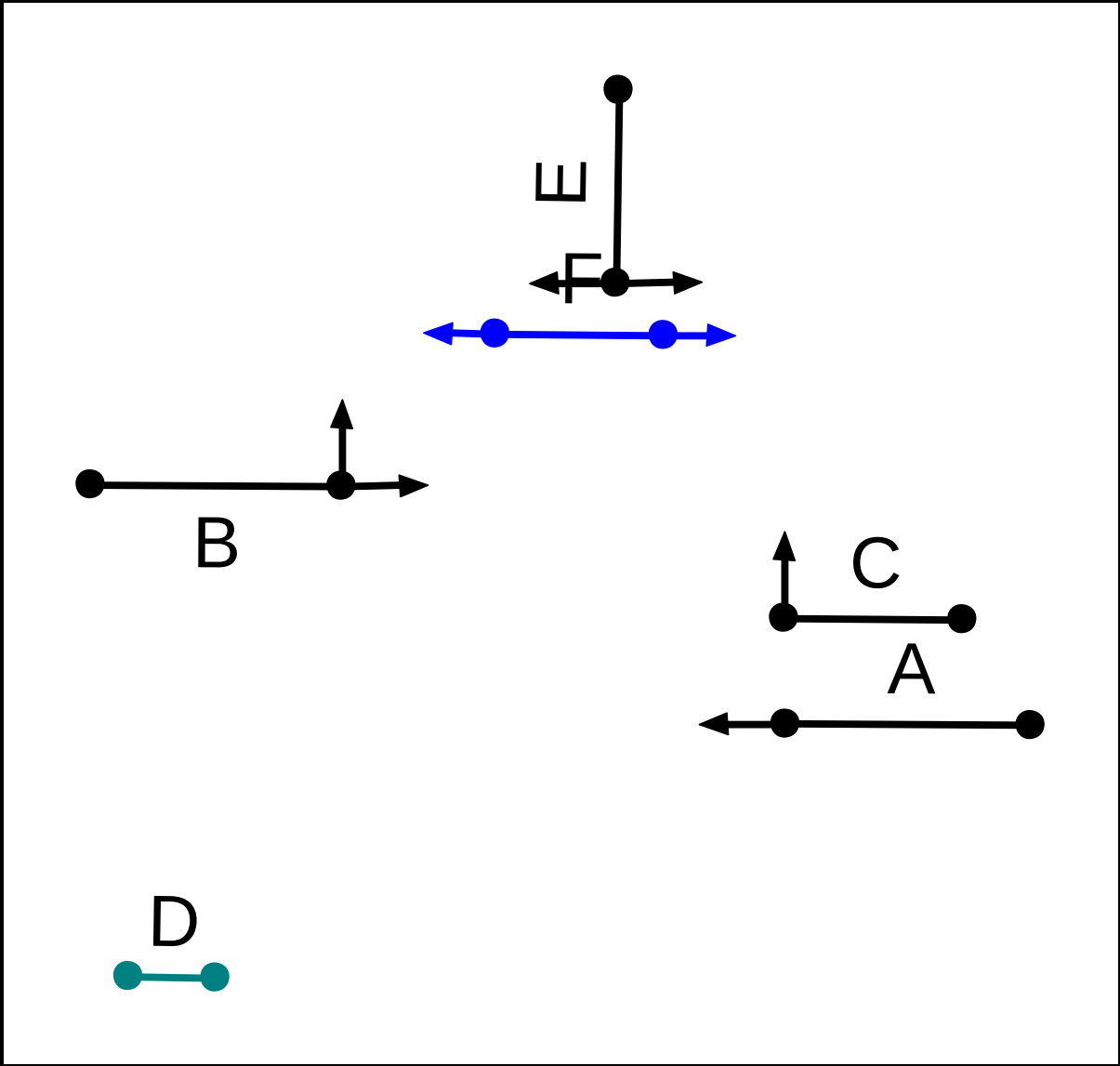
LinSig Results

Basic Results Summary

User and Project Details

Project:	
Title:	
Location:	
File name:	Elba Crescent_3 arm.lsgx
Author:	
Company:	
Address:	
Controller:	Generic
SCN:	
Notes:	

Phase Diagram



Phase Intergreens Matrix

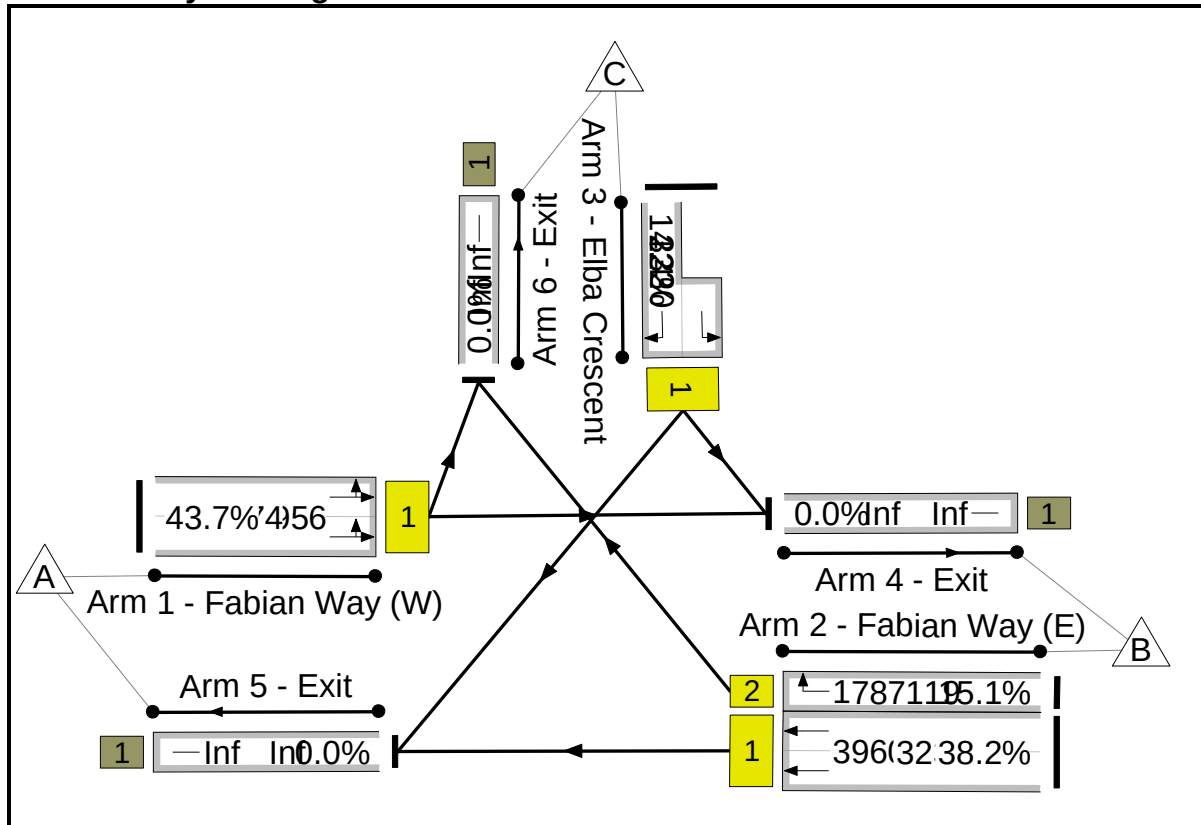
Terminating Phase	Starting Phase						
		A	B	C	D	E	F
	A		-	-	-	8	-
	B	-		6	-	7	5
	C	-	7		-	7	8
	D	-	-	-		-	-
	E	8	7	6	-		5
	F	-	9	9	-	9	

Scenario 1: 'Scenario 1'

Staging Plan 1: 'Staging Plan No. 1'

Flow Group 1: '2013 Saturday Baseline 12:00-13:00'

Junction Layout Diagram



Link Results

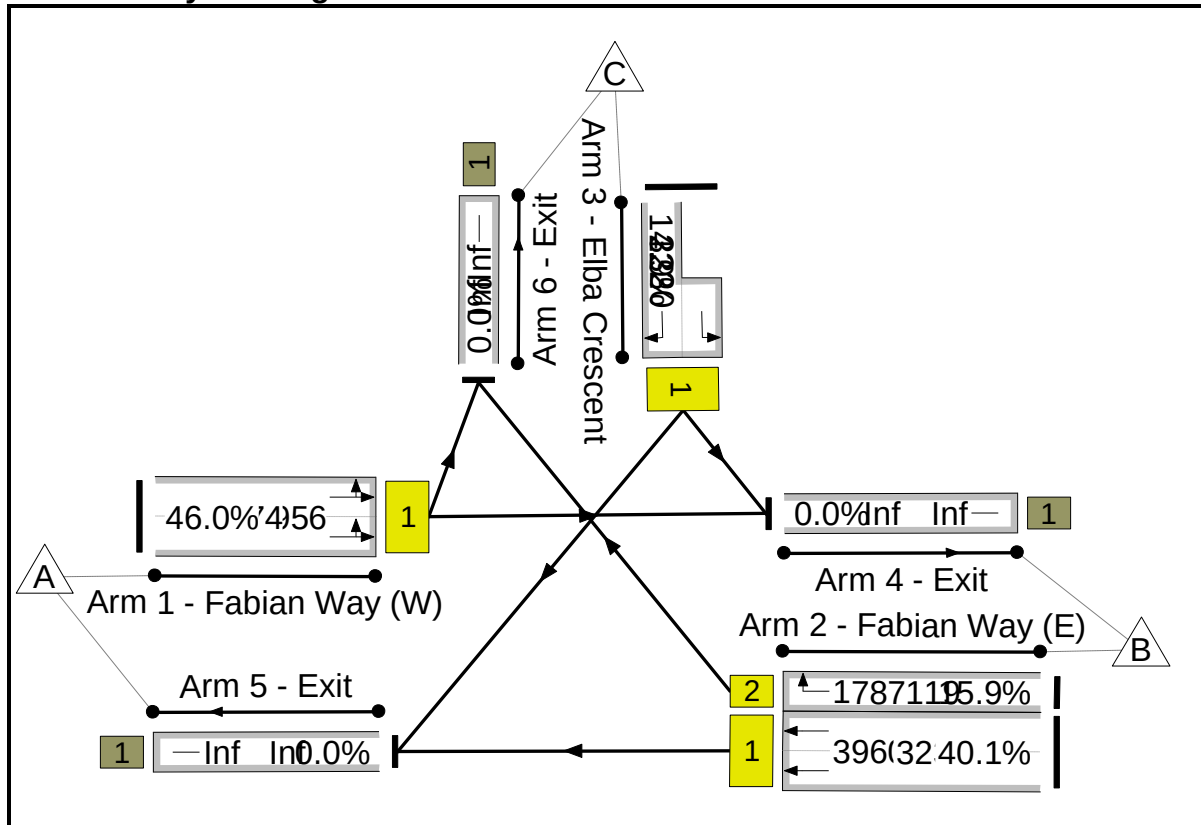
Link Num	Link Desc	Link Type	Full Phase	Arrow Phase	Num Greens	Total Green (s)	Arrow Green (s)	Demand Flow (pcu)	Max Sat Flow (pcu/Hr)	Ave Sat Flow (pcu/Hr)	Capacity (pcu)	Deg Sat (%)	Turners In Gaps (pcu)	Turners When Unopposed (pcu)	Turners In Intergreen (pcu)	Total Delay (pcuHr)	Av. Delay Per Veh (s/pcu)	Mean Max Queue (pcu)	
1/1	Fabian Way (W) Ahead Left	U	B		1	71	-	1038	3956	3956	2374	43.7	-	-	-	4.1	14.4	19.1	
2/1	Fabian Way (E) Ahead	U	A		1	97	-	1234	3960	3960	3234	38.2	-	-	-	1.3	3.8	10.9	
2/2	Fabian Way (E) Right	U	C		1	7	-	18	1787	1787	119	15.1	-	-	-	0.4	70.6	0.7	
3/1	Elba Crescent Left Right	U	E		1	7	-	32	3920	3330	222	14.4	-	-	-	0.6	62.2	1.1	
PRC for Signalled Links (%):					105.8	Total Delay for Signalled Links (pcuHr):					6.36	Cycle Time (s): 120							
PRC Over All Links (%):					105.8	Total Delay Over All Links(pcuHr):					6.36								

Scenario 2: 'Scenario 2'

Staging Plan 1: 'Staging Plan No. 1'

Flow Group 2: '2018 Saturday Baseline 12:00-13:00'

Junction Layout Diagram



Basic Results Summary

Link Results

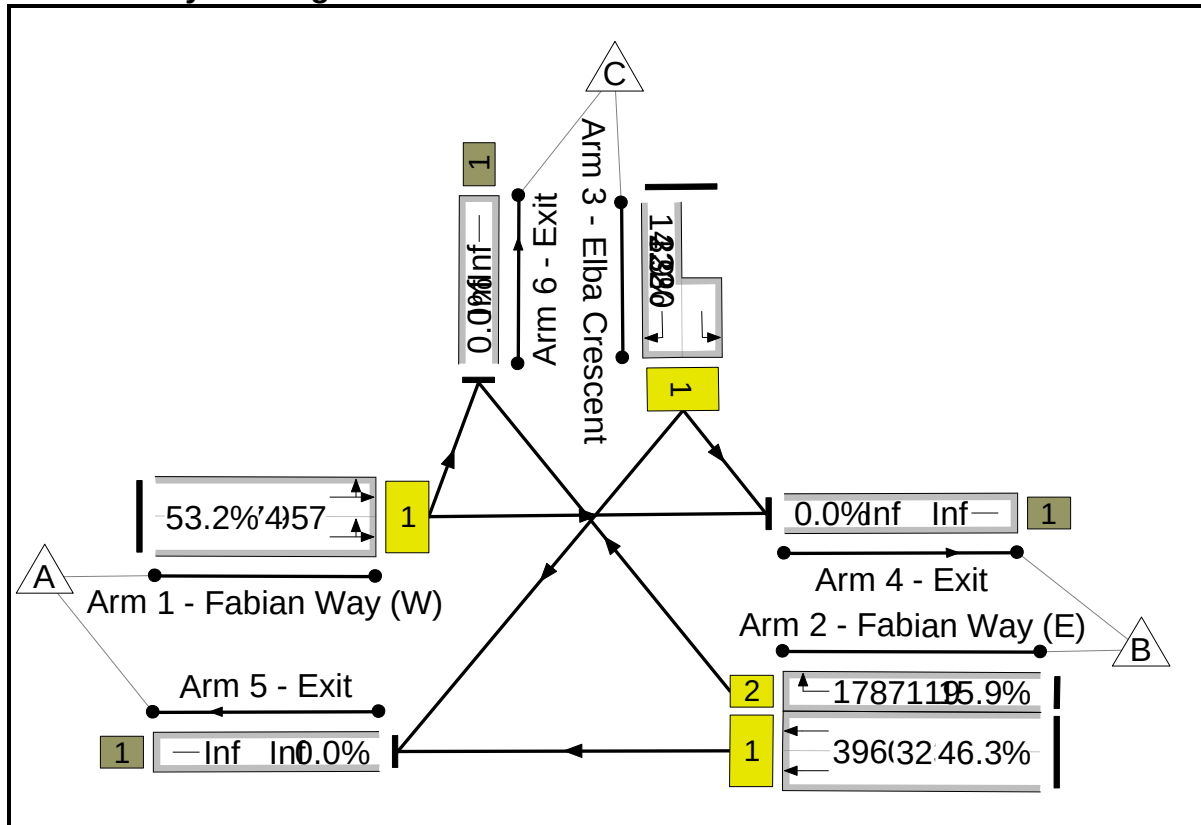
Link Num	Link Desc	Link Type	Full Phase	Arrow Phase	Num Greens	Total Green (s)	Arrow Green (s)	Demand Flow (pcu)	Max Sat Flow (pcu/Hr)	Ave Sat Flow (pcu/Hr)	Capacity (pcu)	Deg Sat (%)	Turners In Gaps (pcu)	Turners When Unopposed (pcu)	Turners In Intergreen (pcu)	Total Delay (pcuHr)	Av. Delay Per Veh (s/pcu)	Mean Max Queue (pcu)
1/1	Fabian Way (W) Ahead Left	U	B		1	71	-	1093	3956	3956	2374	46.0	-	-	-	4.5	14.7	20.5
2/1	Fabian Way (E) Ahead	U	A		1	97	-	1298	3960	3960	3234	40.1	-	-	-	1.4	3.9	11.9
2/2	Fabian Way (E) Right	U	C		1	7	-	19	1787	1787	119	15.9	-	-	-	0.4	70.8	0.7
3/1	Elba Crescent Left Right	U	E		1	7	-	33	3920	3330	222	14.9	-	-	-	0.6	62.2	1.1
PRC for Signalled Links (%):						95.4	Total Delay for Signalled Links (pcuHr):					6.82						
PRC Over All Links (%):						95.4	Total Delay Over All Links(pcuHr):					6.82	Cycle Time (s): 120					

Scenario 3: 'Scenario 3'

Staging Plan 1: 'Staging Plan No. 1'

Flow Group 3: '2018 Saturday Base+Event 12:00-13:00'

Junction Layout Diagram



Basic Results Summary

Link Results

Link Num	Link Desc	Link Type	Full Phase	Arrow Phase	Num Greens	Total Green (s)	Arrow Green (s)	Demand Flow (pcu)	Max Sat Flow (pcu/Hr)	Ave Sat Flow (pcu/Hr)	Capacity (pcu)	Deg Sat (%)	Turners In Gaps (pcu)	Turners When Unopposed (pcu)	Turners In Intergreen (pcu)	Total Delay (pcuHr)	Av. Delay Per Veh (s/pcu)	Mean Max Queue (pcu)	
1/1	Fabian Way (W) Ahead Left	U	B		1	71	-	1262	3957	3957	2374	53.2	-	-	-	5.5	15.7	25.1	
2/1	Fabian Way (E) Ahead	U	A		1	97	-	1498	3960	3960	3234	46.3	-	-	-	1.8	4.3	15.0	
2/2	Fabian Way (E) Right	U	C		1	7	-	19	1787	1787	119	15.9	-	-	-	0.4	70.8	0.7	
3/1	Elba Crescent Left Right	U	E		1	7	-	33	3920	3330	222	14.9	-	-	-	0.6	62.2	1.1	
PRC for Signalled Links (%):					69.3		Total Delay for Signalled Links (pcuHr):					8.23							
PRC Over All Links (%):					69.3		Total Delay Over All Links(pcuHr):					8.23		Cycle Time (s): 120					