

Welsh Government

**M4 Corridor around Newport**

Environmental Statement Volume 3:  
Appendix 3.3

Preliminary Construction Traffic  
Figures

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# 1 Preliminary Construction Traffic Figures

## 1.1 HGV Movements

**1.1.1** This report sets out the preliminary construction traffic figures for the new section of motorway. These figures are based on outline design information and would be updated as the detailed design progresses.

**1.1.2** Preliminary HGV movements (per hour) for the main earthwork activities along the work access links are provided in Table 1 below. Movements associated with deliveries of aggregates and black top, and raw materials to the concrete batching plant will be calculated during detailed design.

**Table 1 Hourly HGV Movements (Preliminary)**

Road Link	Hourly number of HGV movements (based on a 10 hour day)
A48 Plant Crossing	21.7
M4 Docks Link	23.9
A48 Fabrication Yard Works Access	21.7
Duffryn Works Access	23.9
Lighthouse Road Works Access	23.9
Nash/Meadows Road Works Access	23.9
Glan Llyn Works Access	23.9
TATA Works Access	23.9
North Row Works Access	23.9
Barelands Street Works Access	23.9
Newport Road Plant Crossing	23.9
Newport Road Temporary Bridge	23.9
Magor East Works Access	23.9

## 1.2 Traffic to Compounds

**1.2.1** Construction traffic would also be generated by workers and staff travelling to the compounds.

**Table 2 Daily Traffic to the Construction Compounds**

Compound	Workers	Staff
Castleton West	46	6
Castleton East	68	26
Church Lane	16	3
Imperial Park	76	54
Duffryn Railway West	21	3
Duffryn Railway East	21	3
Lighthouse Road	16	4
River Ebbw West	26	6
River Ebbw East	16	3
Usk Crossing West	200	60
Usk Crossing East	120	50
Nash Road	27	9

<b>Compound</b>	<b>Workers</b>	<b>Staff</b>
Glen Llyn	122	57
North Row	16	4
Llandvenny East and West	52	9
Newport Road	119	28
St Brides Road	18	4
Knolbury Lane	15	3
Rockfield Lane	15	3
Caldicot	52	12
<b>TOTAL</b>	<b>1,062</b>	<b>347</b>