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Introduction

- 14.1 PMCE Ltd were commissioned by SLR Consulting Ireland on behalf of Breedon Materials Ltd., trading as Breedon Ireland, to undertake an assessment of the traffic impacts associated with the proposed extension of Rossmore Quarry in Carrigtwohill, Co. Cork.
- 14.2 In preparing this report reference has been made to the following documents:
- Transport Infrastructure Ireland (TII) Publications document PE PDV-02045, "Traffic and Transport Assessment Guidelines" (May 2014) published by TII;
 - TII Publications document PE-PAG-02017, "Project Appraisal Guidelines for National Roads Unit 5.3 – Travel Demand Projections" (October 2021) published by TII;
 - Cork County Development Plan 2022-2028
 - Traffic Count Survey Data, collected by Traffinomics;
 - Site Layout provided by Breedon Materials Ltd;
 - TII Publications document PE-PAG-02039, "Project Appraisal Guidelines for National Roads Unit 16.1 - Expansion Factors for Short Period Traffic Counts" (October 2016) published by TII;
 - TII Publications document DN-GEO-03031, "Rural Road Link Design" (May 2023) published by TII;
 - TII Publications document DN-GEO-03060, "Geometric Design of Junctions (priority junctions, direct accesses, roundabouts, grade-separated and compact grade-separated junctions)" (May 2023) published by TII;

Scope of Work

- 14.3 The objective of this report is to examine the traffic implications associated with the proposed development in terms of its integration with existing traffic in the area. The report determines and quantifies the extent of additional trips generated by the development, and the impact on operational performance of such trips on the local road network.

Baseline Study Methodology

The methodology adopted for this appraisal and report involved, in brief:

- 14.4 **Site Visit:** Site visits were undertaken on 20th June 2025, the weather was dry, and the ground surface was dry.
- 14.5 **Trip Generation and Trip Assignment:** This is used to derive trip rates and forecast trips for the proposed development, and to assign generated traffic flows onto the existing road network.
- 14.6 **Link Capacity Assessment:** To estimate an AADT value for the main road linking the proposed site on the surrounding road network and assess their capacity with and without the proposed development.
- 14.7 **Junction Capacity Assessment:** The traffic count data was used to develop a model for four junctions on the existing road network and their capacity was assessed using the 'Junctions 9' computer programme.
- 14.8 **Future Year Assessments:** The estimated future year volumes on the study area network, as a result of the increase in background traffic and any development related

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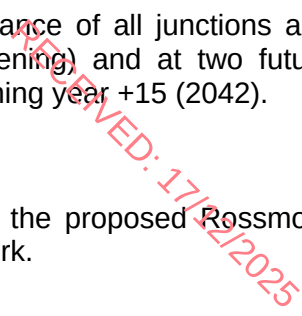
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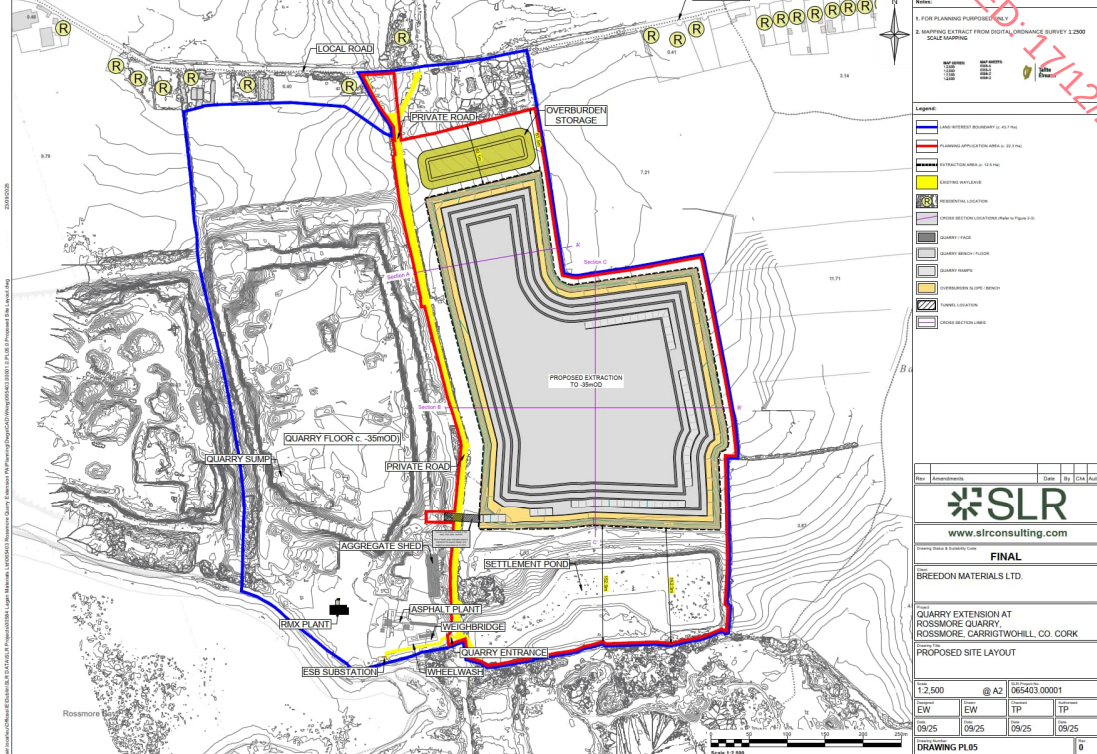
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Existing Road Network

Existing Road Network

14.12 The N25 National Road, between Middleton and Cork City is the closest main road to Rossmore Quarry at Rossmore (approximately 1.5km due north at closest point). The R624 Regional Road between Carrigtwohill and Cobh is approximately 2km to the west of the site at its closest point. Between these roads, the landscape is intersected by a pattern of minor roads, such as the L3612 (Barryscourt Road), L7645 and the L3619, with the proposed development being accessed by one of these local roads, south of its junction with the L3619 and the L7645

Traffic Volumes

14.13 Classified 12-hour Junction Turning Counts (JTCs) were carried out on Tuesday 27th May 2025, by Traffinomics Ltd., at a total of seven junctions.

14.14 The counts were carried out between 7am and 7pm, with this time period encompassing the peak hours on the adjacent national and local roads network. Surveyed vehicles were broken down into five categories as follows:

1. Cars;
2. LGV's (Light Goods Vehicles);
3. OGV1 (Two and three axle goods vehicles);
4. OGV2 (Four and five axle goods vehicles);
5. Buses.

- 14.15 The detailed results of the traffic survey are summarised in **Appendix 14-B**. The morning and evening peak hours have been established as:
- **Site 1: L3619/L7645/Local Quarry Access Road crossroads junction (referred to as the 'Quarry Access Junction' in this report) 10:00 to 11:00 (AM Peak) and 14:45 to 15:45 (PM Peak)**
 - **Site 2: 3-Arm T-Junction between the L3619 and the Father O'Keefe Terrace (referred to as the 'L3619 Junction' in this report)– 10:00 to 11:00 (AM Peak) and 15:00 to 16:00 (PM Peak)**
 - **Site 3: 3-Arm T-Junction between the L3612 and the Father O'Keefe Terrace (referred to as the 'L3612 Junction' in this report)– 09:45 to 10:45 (AM Peak) and 15:00 to 16:00 (PM Peak)**
 - **Site 4: 5-Arm Roundabout junction of the L7645, Private Access, N25 Overbridge, slip road from the N25 and slip road to the N25 (referred to as the 'N25 Junction' in this report) - – 07:45 to 08:45 (AM Peak) and 16:30 to 17:30 (PM Peak)**
 - **Site 5: Crossroads Junction between the R624 and the L3619 (referred to as the 'R624 Junction' in this report)– 08:00 to 09:00 (AM Peak) and 16:15 to 17:15 (PM Peak)**
 - **Site 6: 3-Arm Roundabout Junction between the R624 and the N25 on-slip/off slip (referred to as the 'R624 Roundabout' in this report)– 07:45 to 08:45 (AM Peak) and 16:45 to 17:45 (PM Peak)**
 - **Site 7: Rossmore Quarry Main Access (referred to as the 'Rossmore Quarry Main Access Junction' in this report)– 10:30 to 11:30 (AM Peak) and 14:00 to 15:00 (PM Peak)**
- 14.16 The count data for each site has been converted to Annual Average Daily Traffic (AADT) values using the methodology described in "Expansion Factors for Short Period Traffic Counts" (Unit 16.1 NRA Project Appraisal Guidelines, October 2016). Appendices A to C of the above document were used in the expansion of traffic counts to AADT's.
- 14.17 A combined factor of 0.827 was arrived at by combining the individual hourly factors for the count duration. This factor was then used to determine the 24-hour traffic flow. This was then converted to a Weekly Average Daily Traffic (WADT) using an index of 0.96 for the Tuesday traffic count. Finally, this was converted to AADT using an index of 0.93 for the month of May. These factors were used to calculate the AADT for each of the four junctions.
- 14.18 The resulting AADT figures at each junction are provided in **Appendix 14-C**.

Proposed Development

Trip Generation & Distribution

General

- 14.19 The proposed application is in relation to an extension of the current operation at the existing Rossmore Quarry.
- 14.20 The quarry operations include limestone extraction and aggregate processing. Part of this is transferred to the on-site asphalt plant and readymix concrete plant, while the balance is transported off- site, both to external customers and to other Breedon locations for use in the manufacture of value added products elsewhere.

14.21 The operations at the quarry include limestone extraction / processing, asphalt production and readymix concrete production. A ground limestone processing plant is permitted, but not yet constructed.

14.1 The proposed development will consist of:

- extension of the existing quarry over an extraction area of c. 12.5 hectares to a level of minus 35mOD;
- extraction and processing of limestone using the industry standard blasting and processing techniques in place at the existing quarry;
- provision of overburden storage area;
- provision of a vehicular tunnel underneath the local private road to link the extension area to the existing quarry;
- operational landscaping including perimeter screening berms around the proposed extension area;
- restoration of the quarry to natural habitat after-uses; and
- all related ancillary site works within an overall application area of c. 22.3 hectares, and all for a period of 35 years and a further 2 years to complete final restoration of the site.

The proposed development, in conjunction with the existing quarry permitted under planning ref. 21/6983 (ACP Ref. ABP-313-903-22), will result in a combined extraction capacity of 500,000 tonnes per annum. The permitted extraction capacity of the existing quarry area will remain unchanged.

Proposed Development Operations

14.22 The proposed development, in conjunction with the existing quarry permitted under planning ref. 21/6983 (ACP Ref. ABP-313-903-22), will result in a combined extraction capacity of 500,000 tonnes per annum. The permitted extraction capacity of the existing quarry area will remain unchanged.

14.23 In determining the combined daily traffic volumes associated with the exported material from existing and proposed operations, the exported material departing from the site has been calculated based on the following assumptions:

- The facility will operate for 48 weeks per year.
- The facility will operate for 5.5 days per week (Monday to Saturday) inclusive.
- The facility opening times will be 07:00 to 18:00 on Monday to Friday and 07:00 to 14:00 on Saturday.
- 40,000 tonnes is consumed in the on-site asphalt plant.
- 70,000 tonnes is consumed in the on-site readymix concrete plant.
- A balance of 390,000 tonnes of limestone will be exported off-site.

Table 14-1: Exported Material

Exported Quantities	
Quantity per annum	390,000
Quantity per week (48 operational weeks / year)	8,125
Quantity per day (5.5 working days / week)	1,477
Loads per Day (25 tonnes/load)	59

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- 14.24 For the purpose of this assessment, the influence of existing and permitted developments on traffic volumes associated with the site will be included to determine the cumulative impact of the quarry and those activities associated with the existing asphalt plant and readymix concrete plant as well as the permitted ground limestone plant, which has not been constructed to date. This will ensure that the worst case scenario is assessed
- 14.25 The existing asphalt plant produces an average of 60,000 tonnes of bituminous bound materials annually. Materials are transported from site avg. 25 tonne loads. The asphalt plant operates for 48 weeks per annum and 5.5 days per week. This equates to 227 tonnes per day. Based on avg. 25 tonne loads, this equates to 10 loads (20 movements) per day. At this output, the following materials are also imported to site -
- c. 20,000 tonnes of high psv stone, imported to site in avg. 25 tonne loads (avg. 3 loads per day)
 - c. 2,800 tonnes of bitumen, imported to site in 30 tonne loads (avg. 2 loads per week)
 - c. 1,000 tonnes of sand, imported to site in avg. 25 tonne loads (avg. 1 load per week)
- A load equivalent of 0.5 per day (1 movement) is assignment to bitumen and sand combined. Based on the above, the asphalt plant generates an average of 14 loads per day.
- 14.26 The existing readymix concrete plant produces an average of 50,000m³ of readymix concrete per annum. This equates to 189m³ per day transferred by 8m³ average load trucks which equates to 24 loads per day. At this output, c. 25,000 tonnes of sand, 10,300 tonnes of cement and 4,500 tonnes of aggregates along with admixtures are imported on site which equates to approximately 8 loads per day, thus the readymix concrete plant generates approximately 32 loads per day.
- 14.27 If constructed, the ground limestone processing plant will produce an average 30,000 tonnes of ground limestone per annum. This equates to an average of 114 tonnes per day which equates to 5 loads per day for 24 tonnes load size trucks. No materials will need to be imported to site to produce ground limestone.
- 14.28 The site will employ a total of 12 staff members, with 2 additional permanent staff members associated with the ground limestone plant, if and when it is constructed. Staff movements will generate 2 trips inbound in the morning and 2 trips outbound in the evening peak (total: 4 trips). Staff car movements have been distributed in accordance with the existing light vehicle distribution at the site access. A conservative approach was taken as it was considered that these trips would coincide with the AM and PM Peaks.
- 14.29 A total of six trips have been assumed to occur daily to cater for possible miscellaneous trips associated with the site. These miscellaneous trips allow for operations meetings, site

inspections, maintenance operations for plant and machinery, etc. It is not considered that these trips would coincide with either peak hour.

- 14.30 Table 14-2 details the trip distribution that has been applied to the development traffic as part of the junction capacity analysis.

Table 14-2: Summary of Predicted Daily Trips in Opening Year and Beyond

Development	Type of Traffic	Daily Trips	
		Arrivals	Departures
Quarry	Exported Quarry Material c. 390,000t (HGVs)	59	59
	Existing Asphalt Plant c. 60,000t	14	14
	Existing Readymix Concrete c. 50,000m ³	32	32
	Permitted Limestone Plant	5	5
	Staff associated with permitted plants	2	2
	Misc	3	3
Total		115	115

Trip Distribution & Composition

- 14.31 **Appendix 14-A** contains extracts from the TRICS database giving the forecast arrivals and departures distribution for similar sites. By inspection it can be seen that the pattern of arrivals/departures is consistent with a short turn around within the sites, e.g. that vehicles generally arrive and depart within a short time period, likely to be less than an hour.
- 14.32 The distribution of the development traffic on the adjacent road network is based on an assessment of the existing traffic flows at the site access derived from the traffic count data.

Trip Assignment

- 14.33 The assignment of the forecast development traffic onto the adjacent road network is based on the existing traffic flow distribution and the future haul routes at each junction as derived from the traffic counts and projected routes. This is illustrated in
- 14.34 **Figure 14-3**.
- 14.35 Additionally, the trip assignment adopts the intended haulage route confirmed with Cork County Council, where all exiting HGVs turn left onto the L3619, before continuing west toward Junction 3 of the N25 (see
- 14.36 **Figure 14-3**).
- 14.37 Measures have previously been constructed at the junction between the private access and the L3619 to passively direct HGV traffic to turn left onto the L3619. The Applicant is aware that these measures have not prevented all HGV traffic from turning right onto the L3619, before continuing north on the L7645 toward Junction 4 of the N25.

- 14.38 Separate to this application, the Applicant is developing additional measures, in direct consultation with Cork County Council, to supplement the existing measures at the junction, which shall only permit left turns onto the L3619. The design is on-going, with construction expected in 2025 Q4, subject to Cork County Council consultation and approval. The cost of Design and Construction shall be borne by the Applicant.

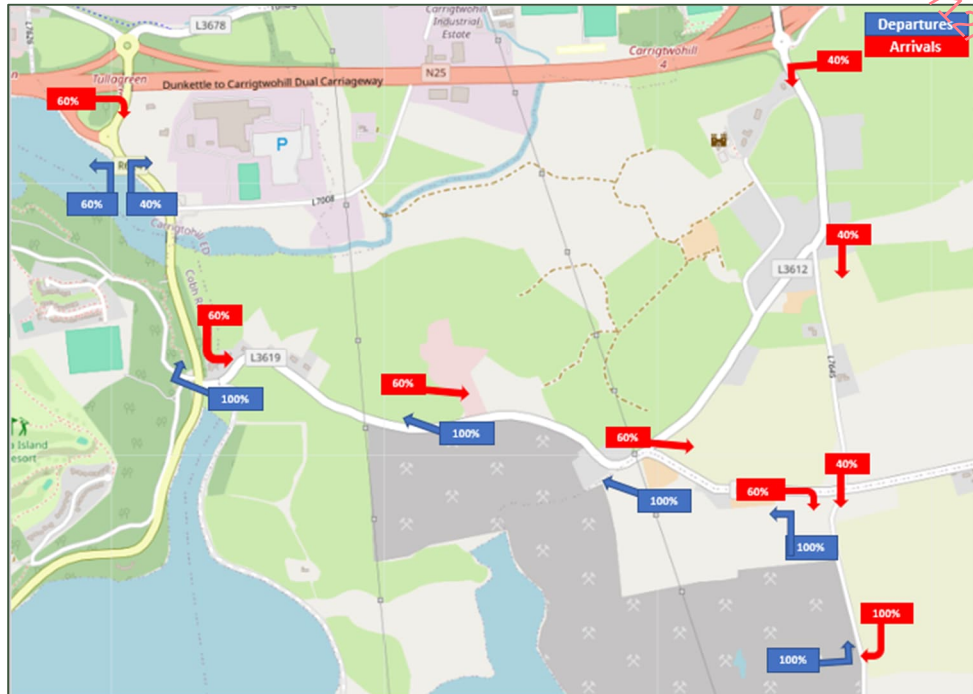


Figure 14-3: Assignment of Development Traffic throughout the Network

Scope of Assessment

- 14.39 Section 2.1 of the “Traffic and Transport Assessment Guidelines” published by Transport Infrastructure Ireland recommends that in an urban or congested setting that a traffic assessment should cover all roads and junctions where the development traffic exceeds 5% of the existing or background traffic, or 10% of background traffic when located in rural areas.
- 14.40 **Figure 14-4** outlines the distributed development traffic as a percentage of the background traffic (as captured by the traffic survey) on the adjacent road network.

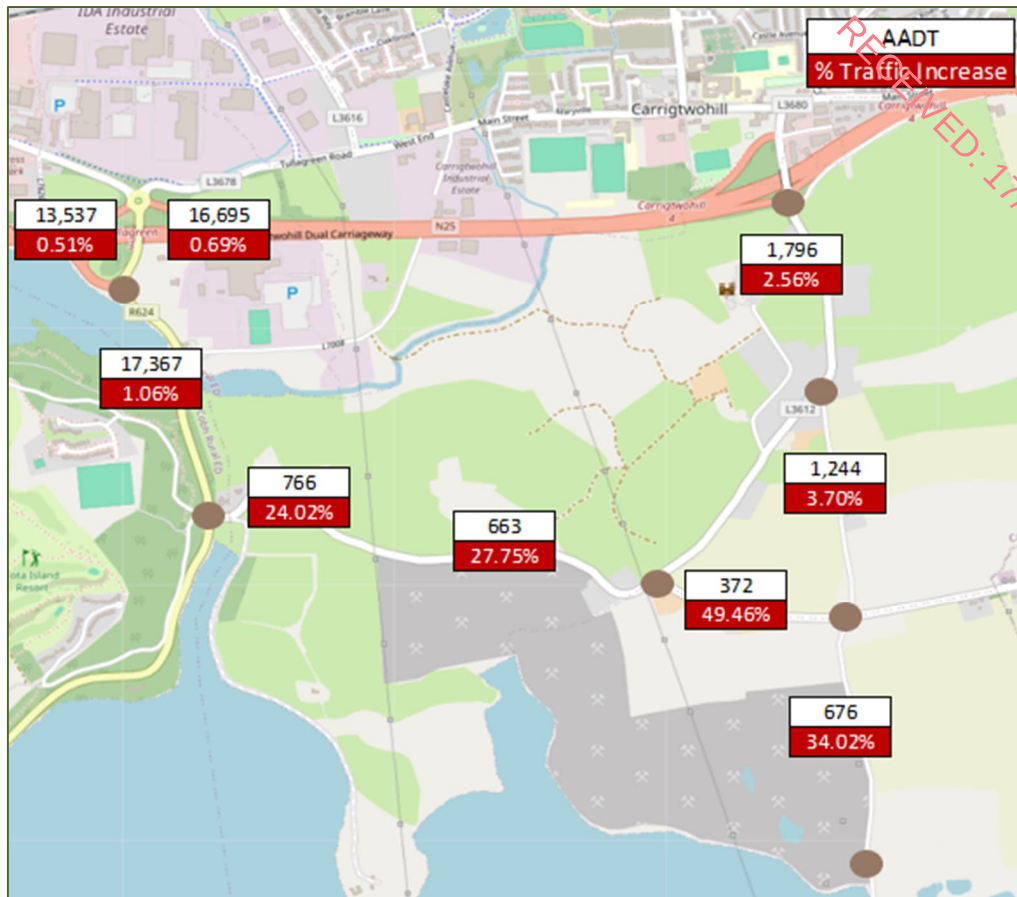


Figure 14-4: AADT and Development Traffic as a Percentage of Existing Traffic

14.41 The development traffic is indicated as exceeding 5% on the Quarry Access Road and the L3619. As a result, this Traffic and Transport Assessment shall undertake a capacity assessment of the following junctions, and the links between these junctions:

- Quarry Access Road crossroads junction
- L3619 Junction
- R624 Junction
- Quarry Access

Road Impacts

Assessment Years

14.42 The “Traffic and Transport Assessment Guidelines” published by Transport Infrastructure Ireland recommend the assessment of traffic in the Opening Year, for the Opening Year +5 years and the Opening Year +15 years.

14.43 The assessment years for the impact assessment are 2027 for the Opening Year, 2032 and 2042 for the Future Assessment Years.

Traffic Growth

- 14.44 The "Project Appraisal Guidelines - Unit 5.3 – Travel Demand Projections (PE-PAG-02017)" published by TII in October 2021 has been used to determine future year traffic flows on the network from the 2025 traffic count.
- 14.45 **Table 14-3** contains a summary of the traffic growth factors published in the "Project Appraisal Guidelines". For this assessment, a central growth scenario has been adopted (a 'central' growth scenario was assumed given the site location and scale).

Table 14-3: Future Year Traffic Growth Figures (Co. Cork- Metropolitan Area)

Year	Low Growth		Central Growth		High Growth	
	LV	HV	LV	HV	LV	HV
2016-2030	1.0153	1.0279	1.0169	1.0294	1.0202	1.0328
2030-2040	1.0072	1.0128	1.0090	1.0149	1.0125	1.0185
2040-2050	1.0065	1.0164	1.0083	1.0182	1.0166	1.0276

Link Capacity Assessment

L3619 Local Road

- 14.46 The TII Publications document reference DN-GEO-03031 provides guidance on recommended rural road layouts in its Table 6/1. It advises that the capacity of a Type 3 Single Carriageway Road with 6.0m cross-section is 5,000 AADT for a Level of Service D. The L3619, adjacent to the quarry, has an average cross-section width of approximately 8.0m with no hard shoulders present. Therefore, the L3619 is considered to be most similar to the Type 3 Single Carriageway cross-section in this document with a capacity of 5,000 AADT for Level of Service D.
- 14.47 The combined background and Site Traffic volumes, outlined in **Table 14-4** in each of the assessment years is less than the LOS D capacity of 5,000 AADT for a Type 3 Single Carriageway. It is considered that the L3619 will operate within capacity for each of the assessment years. **Table 14-4** indicate that the traffic associated with the proposed development represents between 37.22% and 33.09% of the total traffic on the L3619 during the assessment years 2027 to 2042.

Table 14-4: Combined AADT for each Assessment Year (L3619)

	Assessment Year			
	Base Year	2027	2032	2042
Background Traffic (worst-case scenario)	371	388	419	465
Additional Development Traffic	-	230	230	230
Combined Traffic (Background + Additional Dev. Traffic)	371	618	649	695
Additional Traffic as % of Combined Traffic	-	37.22%	35.44%	33.09%

Quarry Access Road

- 14.48 The TII Publications document reference DN-GEO-03031 provides guidance on recommended rural road layouts in its Table 6/1. It advises that the capacity of a Type 3

Single Carriageway Road with 6.0m cross-section is 5,000 AADT for a Level of Service D. The Quarry Access Road has an average cross-section width of approximately 6.0m with no hard shoulders present. Therefore, the Quarry Access Road is considered to be most similar to the Type 3 Single Carriageway cross-section in this document with a capacity of 5,000 AADT for Level of Service D.

- 14.49 The combined background and Site Traffic volumes, outlined in Table 14-5 in each of the assessment years is less than the LOS D capacity of 5,000 AADT for a Type 3 Single Carriageway. It is considered that the Quarry Access Road will operate within capacity for each of the assessment years.
- 14.50 Table 14-5 indicate that the traffic associated with the proposed development represents between 24.34% and 20.61% of the total traffic on the Quarry Access Road during the assessment years 2027 to 2042.

Table 14-5: Combined AADT for each Assessment Year (Quarry Access Road)

	Assessment Year			
	Base Year	2027	2032	2042
Background Traffic (worst-case scenario)	682	715	779	886
Additional Development Traffic	-	230	230	230
Combined Traffic (Background + Additional Dev. Traffic)	682	945	1,009	1,116
Additional Traffic as % of Combined Traffic	-	24.34%	22.79%	20.61%

Junction Capacity Analysis

- 14.51 The capacity of the surveyed junctions was assessed using the Transport Research Laboratory's (TRL) **Junctions 9** computer programme.
- 14.52 Junction performance is measured as a ratio between the flow and capacity (RFC). The capacity analysis has been carried out for a period of 12-hours, with this time period encompassing the peak hours on the adjacent national and local roads network for each of the assessment years (2027, 2032 and 2042).
- 14.53 A rural junction with an RFC below 0.85 is considered to be operating within capacity, and an RFC of 0.85 indicates a junction operating at capacity.
- 14.54 The capacity of a stream or arm of a junction refers to the maximum flow of vehicles entering the junction, within a given time period and is based on the formula given in LR942 (Kimber, 1980). The formulae describing the theoretical capacity of a junction were derived empirically and have a $\pm 15\%$ confidence interval. Consequently, the standard approach to junction capacity analysis, for priority-controlled junctions, uses an RFC of 0.85 to describe the theoretical maximum capacity, however in reality there may be additional capacity above this level. Where the flow on an arm, in a given time period, exceeds the theoretical capacity this will result in increased time to traverse the junction, leading to delays and queues forming. In normal operation queues forming at a junction will dissipate over time as the volume of vehicles arriving at the junction fall below the available capacity.
- 14.55 The capacity of a junction can also be measured by its Level of Service (LOS). The LOS is denoted by a letter ranging from A – F. The following list describes the traffic conditions on a road network for each Level of Service:
- **LOS A:** Free-flow traffic with individual users virtually unaffected by the presence of others in the traffic stream (free-flow);

- **LOS B:** Stable traffic flow with a high degree of freedom to select speed and operating conditions but with some influence from other users (reasonably free flow);
- **LOS C:** Restricted flow that remains stable but with significant interactions with others in the traffic stream. The general level of comfort and convenience declines noticeably at this level (stable flow);
- **LOS D:** High-density flow in which speed and freedom to manoeuvre are severely restricted and comfort and convenience have declined even though flow remains stable (approaching unstable flow);
- **LOS E:** Unstable flow at, or near, capacity levels with poor levels of comfort and convenience (unstable flow); and
- **LOS F:** Forced traffic flow in which the amount of traffic approaching a point exceeds the amount that can be served. This is characterised by stop-and-go waves, poor travel times and low comfort and convenience (forced or breakdown flow).

14.56 It is therefore considered that a junction operating at a LOS E is close to, or at, capacity and a junction operating at LOS F is considered to be above capacity.

14.57 The detailed junction capacity analysis outputs for the analysed junctions, for each of the assessment years, are contained within **Appendix 14-D** to this report.

Site 1: Quarry Access Road crossroads junction

14.58 A summary of the junction capacity analysis results for the junction of the Quarry Access Road crossroads junction are shown in **Table 14-6**. The results indicate that the junction will continue to operate within capacity for each of the assessment years 2027, 2032 and 2042.

Table 14-6: Summary of Traffic Analysis at Quarry Access Road Crossroads Junction

	12 Hours (07:00 – 19:00)			
	Queue (Veh)	Delay (s)	RFC	LOS
Stream	2027 Without Development			
L7645/L3619 E	0.1	7.29	0.11	A
L7645/L3619 W-Site Access	0.2	15.74	0.20	C
L3619 W/L7645-L3619 E- Site Access	0.1	11.71	0.04	B
Site Access/L3619 W	0.1	11.91	0.03	B
Site Access/L7645-L3619 E	0.2	13.48	0.14	B
L3619 E/L3619W-L7645-Site Access	0.1	8.05	0.09	A
Stream	2027 With Development			
L7645/L3619 E	0.1	7.37	0.11	A
L7645/L3619 W-Site Access	0.3	15.89	0.21	C
L3619 W/L7645-L3619 E- Site Access	0.1	12.32	0.06	B
Site Access/L3619 W	0.1	12.08	0.07	B
Site Access/L7645-L3619 E	0.2	13.74	0.14	B
L3619 E/L3619W-L7645-Site Access	0.1	8.05	0.09	A
Stream	2032 Without Development			
L7645/L3619 E	0.1	7.40	0.12	A
L7645/L3619 W-Site Access	0.3	15.98	0.22	C
L3619 W/L7645-L3619 E- Site Access	0.1	11.71	0.05	B
Site Access/L3619 W	0.0	11.98	0.03	B
Site Access/L7645-L3619 E	0.2	13.69	0.16	B
L3619 E/L3619W-L7645-Site Access	0.1	8.16	0.09	A
Stream	2032 With Development			
L7645/L3619 E	0.1	7.48	0.12	A
L7645/L3619 W-Site Access	0.3	16.14	0.23	C
L3619 W/L7645-L3619 E- Site Access	0.1	12.33	0.07	B
Site Access/L3619 W	0.1	12.20	0.07	B
Site Access/L7645-L3619 E	0.2	13.92	0.16	B
L3619 E/L3619W-L7645-Site Access	0.1	8.16	0.09	A
Stream	2042 Without Development			
L7645/L3619 E	0.2	7.59	0.13	A

L7645/L3619 W-Site Access	0.3	16.43	0.26	C
L3619 W/L7645-L3619 E- Site Access	0.1	11.73	0.05	B
Site Access/L3619 W	0.1	12.11	0.04	B
Site Access/L7645-L3619 E	0.2	14.09	0.18	B
L3619 E/L3619W-L7645-Site Access	0.1	8.33	0.11	A
Stream	2042 With Development			
L7645/L3619 E	0.2	7.66	0.13	A
L7645/L3619 W-Site Access	0.4	16.60	0.27	C
L3619 W/L7645-L3619 E- Site Access	0.1	12.35	0.08	B
Site Access/L3619 W	0.1	12.40	0.07	B
Site Access/L7645-L3619 E	0.2	14.27	0.18	B
L3619 E/L3619W-L7645-Site Access	0.1	8.33	0.11	A

Site 2: L3619 Junction

- 14.59 A summary of the junction capacity analysis results for the junction of the L3619 Local Road and the Father O'Keefe Terrace are shown in **Table 14-7**. The results indicate that the junction will continue to operate within capacity for each of the assessment years 2027, 2032 and 2042.

Table 14-7: Summary of Traffic Analysis at L3619 Junction

	12 Hours (07:00 – 19:00)			
	Queue (Veh)	Delay (s)	RFC	LOS
Stream	2027 Without Development			
L3619/Father O'Keefe Terrace S	0.1	8.78	0.07	A
L3619/Father O'Keefe Terrace N	0.0	11.69	0.03	B
Father O'Keefe S/Father O'Keefe N-L3619	0.1	10.35	0.08	B
Stream	2027 With Development			
L3619/Father O'Keefe Terrace S	0.1	9.56	0.10	A
L3619/Father O'Keefe Terrace N	0.0	11.84	0.03	B
Father O'Keefe S/Father O'Keefe N-L3619	0.1	10.82	0.10	B
Stream	2032 Without Development			
L3619/Father O'Keefe Terrace S	0.1	8.85	0.07	A
L3619/Father O'Keefe Terrace N	0.0	11.83	0.03	B
Father O'Keefe S/Father O'Keefe N-L3619	0.1	10.41	0.10	B
Stream	2032 With Development			
L3619/Father O'Keefe Terrace S	0.1	9.57	0.10	A

L3619/Father O'Keefe Terrace N	0.0	11.98	0.03	B
Father O'Keefe S/Father O'Keefe N-L3619	0.1	10.85	0.11	B
Stream	2042 Without Development			
L3619/Father O'Keefe Terrace S	0.1	8.96	0.08	A
L3619/Father O'Keefe Terrace N	0.0	12.05	0.03	B
Father O'Keefe S/Father O'Keefe N-L3619	0.1	10.51	0.10	B
Stream	2042 With Development			
L3619/Father O'Keefe Terrace S	0.1	9.60	0.11	A
L3619/Father O'Keefe Terrace N	0.0	12.20	0.03	B
Father O'Keefe S/Father O'Keefe N-L3619	0.1	10.91	0.12	B

Site 3: R624 Junction

14.60 A summary of the junction capacity analysis results for the junction of the Fota Island Golf Club, R624 Regional Road and the L3619 Local Road are shown in **Table 14-8**. The results indicate that the junction will continue to operate within capacity for each of the assessment years 2027, 2032 and 2042.

Table 14-8: Summary of Traffic Analysis at R624 Junction

	12 Hours (07:00 – 19:00)			
	Queue (Veh)	Delay (s)	RFC	LOS
Stream	2027 Without Development			
L3619/R624 S-Fota Island Golf Club	0.1	13.37	0.11	B
L3619/R624 N-Fota Island Golf Club	0.2	27.72	0.18	D
R624 N/L3619-R624 S-Fota Island Golf Club	0.4	12.04	0.29	B
Fota Island Golf Club/R624N-L3619	0.4	9.72	0.31	A
Fota Island Golf Club/L3619-R624 S	0.1	25.31	0.11	D
R624 S/R624 N-L3619-Fota Island Golf Club	0.1	10.45	0.05	B
Stream	2027 With Development			
L3619/R624 S-Fota Island Golf Club	0.1	14.80	0.11	B
L3619/R624 N-Fota Island Golf Club	0.3	30.08	0.24	D
R624 N/L3619-R624 S-Fota Island Golf Club	0.4	12.04	0.29	B
Fota Island Golf Club/R624N-L3619	0.4	9.72	0.31	A
Fota Island Golf Club/L3619-R624 S	0.1	25.55	0.12	D
R624 S/R624 N-L3619-Fota Island Golf Club	0.1	10.48	0.05	B

Stream	2032 Without Development			
L3619/R624 S-Fota Island Golf Club	0.1	14.32	0.12	B
L3619/R624 N-Fota Island Golf Club	0.3	30.68	0.20	D
R624 N/L3619-R624 S-Fota Island Golf Club	0.5	13.05	0.32	B
Fota Island Golf Club/R624N-L3619	0.5	10.38	0.34	B
Fota Island Golf Club/L3619-R624 S	0.1	29.04	0.13	D
R624 S/R624 N-L3619-Fota Island Golf Club	0.1	10.94	0.06	B
Stream	2032 With Development			
L3619/R624 S-Fota Island Golf Club	0.1	15.98	0.12	C
L3619/R624 N-Fota Island Golf Club	0.4	33.71	0.27	D
R624 N/L3619-R624 S-Fota Island Golf Club	0.5	13.05	0.32	B
Fota Island Golf Club/R624N-L3619	0.5	10.38	0.34	B
Fota Island Golf Club/L3619-R624 S	0.1	29.40	0.13	D
R624 S/R624 N-L3619-Fota Island Golf Club	0.1	10.97	0.06	B
Stream	2042 Without Development			
L3619/R624 S-Fota Island Golf Club	0.2	16.28	0.13	C
L3619/R624 N-Fota Island Golf Club	0.4	37.15	0.26	E
R624 N/L3619-R624 S-Fota Island Golf Club	0.6	14.98	0.37	B
Fota Island Golf Club/R624N-L3619	0.6	11.65	0.38	B
Fota Island Golf Club/L3619-R624 S	0.2	37.75	0.16	E
R624 S/R624 N-L3619-Fota Island Golf Club	0.1	11.81	0.07	B
Stream	2042 With Development			
L3619/R624 S-Fota Island Golf Club	0.2	18.31	0.14	C
L3619/R624 N-Fota Island Golf Club	0.5	42.84	0.34	E
R624 N/L3619-R624 S-Fota Island Golf Club	0.6	14.98	0.37	B
Fota Island Golf Club/R624N-L3619	0.6	11.65	0.38	B
Fota Island Golf Club/L3619-R624 S	0.2	38.36	0.17	E
R624 S/R624 N-L3619-Fota Island Golf Club	0.1	11.84	0.17	B

Site 4: Quarry Access Junction

- 14.61 A summary of the junction capacity analysis results for the junction of the Rossmore Quarry Access are shown in **Table 14-9**. The results indicate that the junction will continue to operate within capacity for each of the assessment years 2027, 2032 and 2042.

Table 14-9: Summary of Traffic Analysis at Rossmore Quarry Access Junction

	12 Hours (07:00 – 19:00)			
	Queue (Veh)	Delay (s)	RFC	LOS
Stream	2027 Without Development			
Rossmore Quarry Access/Site Access Road N	0.1	10.68	0.09	B
Rossmore Quarry Access/Site Access Road S	0.0	7.58	0.01	A
Site Access Road N/Site Access Road S-Rossmore Quarry Access	0.2	12.50	0.16	B
Stream	2027 With Development			
Rossmore Quarry Access/Site Access Road N	0.1	10.79	0.12	B
Rossmore Quarry Access/Site Access Road S	0.0	7.70	0.01	A
Site Access Road N/Site Access Road S-Rossmore Quarry Access	0.2	12.96	0.20	B
Stream	2032 Without Development			
Rossmore Quarry Access/Site Access Road N	0.1	10.79	0.10	B
Rossmore Quarry Access/Site Access Road S	0.0	7.61	0.01	A
Site Access Road N/Site Access Road S-Rossmore Quarry Access	0.2	12.62	0.18	B
Stream	2032 With Development			
Rossmore Quarry Access/Site Access Road N	0.2	10.92	0.13	B
Rossmore Quarry Access/Site Access Road S	0.0	7.73	0.01	A
Site Access Road N/Site Access Road S-Rossmore Quarry Access	0.3	13.18	0.21	B
Stream	2042 Without Development			
Rossmore Quarry Access/Site Access Road N	0.1	11.00	0.12	B
Rossmore Quarry Access/Site Access Road S	0.0	7.67	0.01	A
Site Access Road N/Site Access Road S-Rossmore Quarry Access	0.3	12.94	0.21	B
Stream	2042 With Development			
Rossmore Quarry Access/Site Access Road N	0.2	11.15	0.15	B
Rossmore Quarry Access/Site Access Road S	0.0	7.79	0.01	A

Site Access Road N/Site Access Road S-Rossmore Quarry Access	0.3	13.58	0.24	B
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Road Safety

Sightlines

- 14.62 The entrance to the quarry is located on an unnamed private road south of the L3619/L7645 crossroads junction. The Quarry Access Road continues north of the quarry access towards the N25 national road. The posted speed limit on this road is 80kph.
- 14.63 The visibility to the north satisfies the sightline requirements of the TII Publications document "Rural Link Design" (DN-GEO-03031), Table 1.3 for a posted speed of 80km/hr.

Parking

- 14.64 The site contains 16 parking spaces. This parking provision is sufficient for the number of staff working on site and also for any miscellaneous trips that may occur.

Pedestrians & Cyclists

- 14.65 Due to the location and operation of the existing quarry, there are no existing pedestrian footways or cycle facilities currently in the vicinity of the site and it is not envisaged that there is a desire line for pedestrians or cyclists to/from the site.

Conclusions

- 14.66 The Traffic and Transport Assessment has determined the following:
- Link capacity analysis was carried out on Quarry Access Road and the L3619, and it was determined that all roads will continue to operate within capacity for each of the assessment years: 2027, 2032, and 2042.
 - The results of the junction capacity analysis indicates that the junctions assessed will operate within capacity for each of the assessment years: 2027, 2032, and 2042.
 - That adequate visibility splays are available at the proposed development access on Quarry Access Road.
 - There is sufficient parking provision within the site to accommodate parking for all staff, and site operation.

Proposed Mitigation Measures and / or Factors

Mitigation and Management

- 14.67 Following the link, and junction, capacity assessments, the trips associated with the extension of extraction activities of the proposed development, were found to have a negligible impact on the link capacity of the L3619 Local Road and the Quarry Access Road.
- 14.68 The impact of the proposed development, in relation to road safety and the existing road infrastructure, was also determined to be negligible.

Cumulative and In-Combination Effects

- 14.69 A search for planned future developments which may have an impact on future traffic flows in the vicinity of the development was undertaken for approved developments, not yet built or operational, of relevance to the consideration of cumulative impacts in respect of traffic and transportation and none were identified.

Interactions with Other Environmental Attributes

- 14.70 The existing development traffic volumes will not increase as a result of the proposed continuance. Therefore, the development will not result in corresponding changes to noise levels, air quality or other environmental elements in the vicinity of the surrounding road network.

Indirect effects

- 14.71 The indirect effects of the development, in relation to traffic, on the surrounding road environment are deemed to be imperceptible.

Residual effects

- 14.72 The residual effects of the development, in relation to traffic, on the surrounding road environment are deemed to be negligible.

Monitoring

- 14.73 Monitoring of the traffic impacts to the surrounding road and junction network's performance is not considered to be required, as the Opening Year +5 and Opening Year +15 analysis has determined that the local road network will continue to operate within capacity, with a negligible impact from the proposed development.

Difficulties Encountered

- 14.74 There were no particular difficulties encountered during the compilation of this chapter.

References

Environmental Protection Agency (2022) 'Guidelines on the Information to be contained in Environmental Impact Assessment Reports'

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Appendices

Appendix 14-A: TRICS Outputs

Appendix 14-B: Traffic Survey Data

Appendix 14-C: Estimated AADT's

Appendix 14-D: Junctions 9 Outputs

Appendix 14-A – TRICS Output

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Calculation Reference: AUDIT-261601-250805-0801

TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use : 02 - EMPLOYMENT
Category : H - QUARRY

TOTAL VEHICLES

Selected regions and areas:

05	EAST MIDLANDS	
	NN NORTH NORTHAMPTONSHIRE	1 days
09	NORTH	
	DH DURHAM	1 days

This section displays the number of survey days per TRICS® sub-region in the selected set

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Primary Filtering selection:

This data displays the chosen trip rate parameter and its selected range. Only sites that fall within the parameter range are included in the trip rate calculation.

Parameter: Parking spaces
Actual Range: 6 to 10 (units:)
Range Selected by User: 6 to 10 (units:)

Public Transport Provision:

Selection by: Include all surveys

Date Range: 01/01/90 to 31/01/25

This data displays the range of survey dates selected. Only surveys that were conducted within this date range are included in the trip rate calculation.

Selected survey days:

Tuesday 1 days
Wednesday 1 days

This data displays the number of selected surveys by day of the week.

Selected survey types:

Manual count 2 days
Directional ATC Count 0 days

This data displays the number of manual classified surveys and the number of unclassified ATC surveys, the total adding up to the overall number of surveys in the selected set. Manual surveys are undertaken using staff, whilst ATC surveys are undertaken using machines.

Selected Locations:

Free Standing (PPS6 Out of Town) 2

This data displays the number of surveys per main location category within the selected set. The main location categories consist of Free Standing, Edge of Town, Suburban Area, Neighbourhood Centre, Edge of Town Centre, Town Centre and Not Known.

Selected Location Sub Categories:

Out of Town 2

This data displays the number of surveys per location sub-category within the selected set. The location sub-categories consist of Commercial Zone, Industrial Zone, Development Zone, Residential Zone, Retail Zone, Built-Up Zone, Village, Out of Town, High Street and No Sub Category.

Inclusion of Servicing Vehicles Counts:

Servicing vehicles Included X days - Selected
Servicing vehicles Excluded 2 days - Selected

Secondary Filtering selection:

Use Class:

B2 2 days

This data displays the number of surveys per Use Class classification within the selected set. The Use Classes Order (England) 2020 has been used for this purpose, which can be found within the Library module of TRICS®.

Filter by Site Operations Breakdown:

All Surveys Included

Population within 500m Range:

All Surveys Included

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Secondary Filtering selection (Cont.):

Population within 1 mile:

1,000 or Less	1 days
1,001 to 5,000	1 days

This data displays the number of selected surveys within stated 1-mile radii of population.

Population within 5 miles:

50,001 to 75,000	1 days
75,001 to 100,000	1 days

This data displays the number of selected surveys within stated 5-mile radii of population.

Car ownership within 5 miles:

0.6 to 1.0	1 days
1.1 to 1.5	1 days

This data displays the number of selected surveys within stated ranges of average cars owned per residential dwelling, within a radius of 5-miles of selected survey sites.

Travel Plan:

No	2 days
----	--------

This data displays the number of surveys within the selected set that were undertaken at sites with Travel Plans in place, and the number of surveys that were undertaken at sites without Travel Plans.

PTAL Rating:

No PTAL Present	2 days
-----------------	--------

This data displays the number of selected surveys with PTAL Ratings.

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LIST OF SITES relevant to selection parameters

1	DH-02-H-01	LIMESTONE QUARRY	DURHAM
	STONYBECK LANE NEAR DURHAM BISHOP MIDDLEHAM Free Standing (PPS6 Out of Town) Out of Town Total Parking spaces: 6 <i>Survey date: TUESDAY 02/12/08</i>		
2	NN-02-H-01	GRAVEL QUARRY	NORTH NORTHAMPTONSHIRE
	WOLLASTON ROAD BOZEAT WELLINGBOROUGH Free Standing (PPS6 Out of Town) Out of Town Total Parking spaces: 10 <i>Survey date: WEDNESDAY 26/11/08</i>		
			<i>Survey Type: MANUAL</i>

This section provides a list of all survey sites and days in the selected set. For each individual survey site, it displays a unique site reference code and site address, the selected trip rate calculation parameter and its value, the day of the week and date of each survey, and whether the survey was a manual classified count or an ATC count.

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TRIP RATE for Land Use 02 - EMPLOYMENT/H - QUARRY

TOTAL VEHICLES

Calculation factor: 1 PARKING SPACES

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. PARKING	Trip Rate	No. Days	Ave. PARKING	Trip Rate	No. Days	Ave. PARKING	Trip Rate
00:00 - 00:30									
00:30 - 01:00									
01:00 - 01:30									
01:30 - 02:00									
02:00 - 02:30									
02:30 - 03:00									
03:00 - 03:30									
03:30 - 04:00									
04:00 - 04:30									
04:30 - 05:00									
05:00 - 05:30									
05:30 - 06:00									
06:00 - 06:30									
06:30 - 07:00									
07:00 - 07:30	2	8	1.375	2	8	0.188	2	8	1.563
07:30 - 08:00	2	8	0.438	2	8	0.375	2	8	0.813
08:00 - 08:30	2	8	0.625	2	8	0.375	2	8	1.000
08:30 - 09:00	2	8	0.500	2	8	0.563	2	8	1.062
09:00 - 09:30	2	8	0.750	2	8	0.750	2	8	1.500
09:30 - 10:00	2	8	0.750	2	8	0.438	2	8	1.188
10:00 - 10:30	2	8	0.313	2	8	0.625	2	8	0.937
10:30 - 11:00	2	8	0.563	2	8	0.625	2	8	1.187
11:00 - 11:30	2	8	0.688	2	8	0.563	2	8	1.250
11:30 - 12:00	2	8	0.438	2	8	0.625	2	8	1.063
12:00 - 12:30	2	8	0.188	2	8	0.375	2	8	0.563
12:30 - 13:00	2	8	0.438	2	8	0.438	2	8	0.876
13:00 - 13:30	2	8	0.563	2	8	0.500	2	8	1.062
13:30 - 14:00	2	8	0.625	2	8	0.750	2	8	1.375
14:00 - 14:30	2	8	0.875	2	8	0.688	2	8	1.563
14:30 - 15:00	2	8	0.688	2	8	0.875	2	8	1.563
15:00 - 15:30	2	8	0.563	2	8	0.438	2	8	1.000
15:30 - 16:00	2	8	0.438	2	8	0.188	2	8	0.626
16:00 - 16:30	1	6	0.833	1	6	0.833	1	6	1.666
16:30 - 17:00	1	6	0.500	1	6	1.000	1	6	1.500
17:00 - 17:30	1	6	0.333	1	6	0.333	1	6	0.666
17:30 - 18:00	1	6	0.167	1	6	2.167	1	6	2.334
18:00 - 18:30	1	6	0.000	1	6	0.500	1	6	0.500
18:30 - 19:00	1	6	0.000	1	6	0.000	1	6	0.000
19:00 - 19:30									
19:30 - 20:00									
20:00 - 20:30									
20:30 - 21:00									
21:00 - 21:30									
21:30 - 22:00									
22:00 - 22:30									
22:30 - 23:00									
23:00 - 23:30									
23:30 - 24:00									
Total Rates:			12.647			14.210			26.857

This section displays the trip rate results based on the selected set of surveys and the selected count type (shown just above the table). It is split by three main columns, representing arrivals trips, departures trips, and total trips (arrivals plus departures). Within each of these main columns are three sub-columns. These display the number of survey days where count data is included (per time period), the average value of the selected trip rate calculation parameter (per time period), and the trip rate result (per time period). Total trip rates (the sum of the column) are also displayed at the foot of the table.

To obtain a trip rate, the average (mean) trip rate parameter value (TRP) is first calculated for all selected survey days that have count data available for the stated time period. The average (mean) number of arrivals, departures or totals (whichever applies) is also calculated (COUNT) for all selected survey days that have count data available for the stated time period. Then, the average count is divided by the average trip rate parameter value, and multiplied by the stated calculation factor (shown just above the table and abbreviated here as FACT). So, the method is: COUNT/TRP*FACT. Trip rates are then rounded to 3 decimal places.

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Parameter summary

Trip rate parameter range selected:	6 - 10 (units:)
Survey date date range:	01/01/90 - 31/01/25
Number of weekdays (Monday-Friday):	2
Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	0
Surveys manually removed from selection:	0

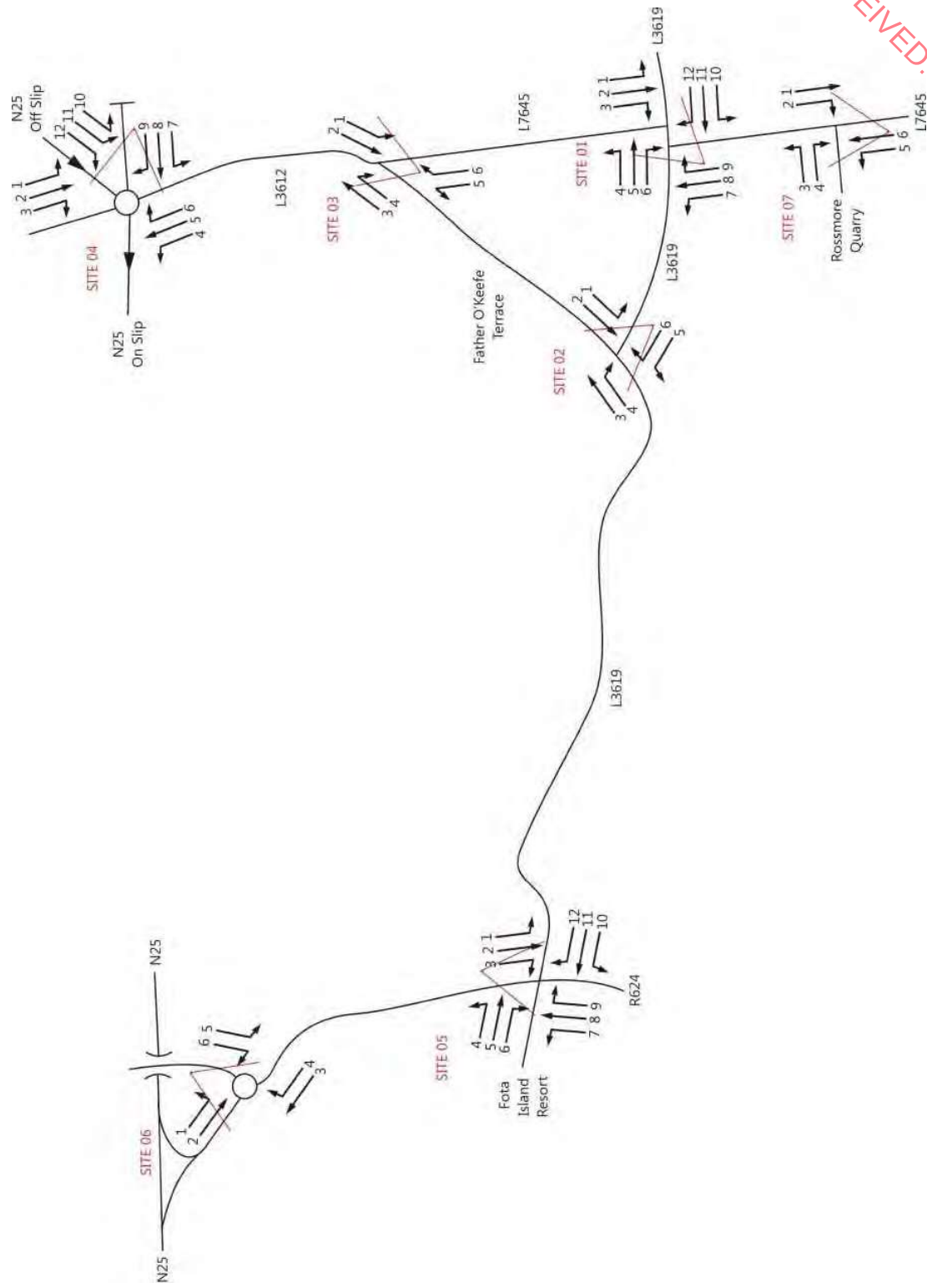
This section displays a quick summary of some of the data filtering selections made by the TRICS® user. The trip rate calculation parameter range of all selected surveys is displayed first, followed by the range of minimum and maximum survey dates selected by the user. Then, the total number of selected weekdays and weekend days in the selected set of surveys are show. Finally, the number of survey days that have been manually removed from the selected set outside of the standard filtering procedure are displayed.

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Appendix 14-B: – Traffic Survey Data

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Site/Movement Numbering



	Job number:	TRA/25/102	Job Date:	27 th May 2025	Drawing No:	TRA/25/102-02
	Client:	PMCE	Job Day:	Tuesday	Author:	JW

TRAFFINOMICS LIMITED

**ROSSMORE QUARRY TRAFFIC COUNTS
MANUAL CLASSIFIED JUNCTION TURNING COUNTS**

**MAY 2025
TRA/25/102**

SITE: 01

DATE: 27th May 2025

LOCATION: L7645/L3619

DAY: Tuesday

TIME	MOVEMENT 1					TOT	PCU	MOVEMENT 2					TOT	PCU	MOVEMENT 3					TOT	PCU
	CAR	LGV	OGV1	OGV2	BUS			CAR	LGV	OGV1	OGV2	BUS			CAR	LGV	OGV1	OGV2	BUS		
07:00	5	2	0	1	0	8	9	1	2	1	1	0	5	7	0	0	0	0	0	0	0
07:15	2	1	0	0	0	3	3	0	1	0	6	0	7	15	0	0	0	0	0	0	0
07:30	2	1	0	0	0	3	3	0	0	0	8	0	8	18	0	0	0	0	0	0	0
07:45	1	3	0	0	0	4	4	3	1	0	6	0	10	18	0	0	1	1	0	2	4
H/TOT	10	7	0	1	0	18	19	4	4	1	21	0	30	58	0	0	1	1	0	2	4
08:00	6	3	0	1	0	10	11	0	0	0	3	0	3	7	0	0	0	0	0	0	0
08:15	9	3	1	0	2	15	18	0	0	1	4	0	5	11	0	0	1	0	0	1	2
08:30	4	2	0	0	0	6	6	0	1	0	2	0	3	6	0	0	0	0	0	0	0
08:45	6	0	0	0	0	6	6	1	0	1	3	0	5	9	0	0	0	0	0	0	0
H/TOT	25	8	1	1	2	37	41	1	1	2	12	0	16	33	0	0	1	0	0	1	2
09:00	6	2	3	0	0	11	13	2	0	0	4	0	6	11	0	0	0	0	0	0	0
09:15	3	4	0	0	0	7	7	0	0	2	5	0	7	15	0	0	0	1	0	1	2
09:30	3	4	0	0	0	7	7	1	0	1	3	0	5	9	1	2	0	0	0	3	3
09:45	2	0	1	0	0	3	4	0	1	0	6	0	7	15	0	0	0	0	0	0	0
H/TOT	14	10	4	0	0	28	30	3	1	3	18	0	25	50	1	2	0	1	0	4	5
10:00	8	1	1	0	0	10	11	1	1	0	5	0	7	14	2	0	0	0	0	2	2
10:15	5	0	0	0	0	5	5	2	0	1	4	0	7	13	0	0	0	0	0	0	0
10:30	8	2	0	0	0	10	10	1	0	0	5	0	6	13	1	1	0	0	0	2	2
10:45	5	3	1	0	0	9	10	3	1	1	2	0	7	10	0	0	0	0	0	0	0
H/TOT	26	6	2	0	0	34	35	7	2	2	16	0	27	49	3	1	0	0	0	4	4
11:00	0	2	0	0	0	2	2	3	0	1	11	0	15	30	0	0	0	0	0	0	0
11:15	3	0	0	0	0	3	3	3	1	0	2	0	6	9	0	0	0	0	0	0	0
11:30	5	3	1	0	0	9	10	2	1	0	3	0	6	10	0	0	0	0	0	0	0
11:45	3	0	0	0	0	3	3	0	2	0	3	0	5	9	0	0	0	0	0	0	0
H/TOT	11	5	1	0	0	17	18	8	4	1	19	0	32	57	0	0	0	0	0	0	0
12:00	5	1	0	0	0	6	6	3	2	0	3	0	8	12	0	0	0	0	0	0	0
12:15	3	0	0	0	0	3	3	1	0	1	3	0	5	9	0	0	0	0	0	0	0
12:30	4	2	0	0	0	6	6	1	1	0	6	0	8	16	0	0	0	1	0	1	2
12:45	4	4	0	1	0	9	10	0	0	0	2	0	2	5	0	0	0	0	0	0	0
H/TOT	16	7	0	1	0	24	25	5	3	1	14	0	23	42	0	0	0	1	0	1	2

TRAFFINOMICS LIMITED

**ROSSMORE QUARRY TRAFFIC COUNTS
MANUAL CLASSIFIED JUNCTION TURNING COUNTS**

**MAY 2025
TRA/25/102**

SITE: 01

DATE: 27th May 2025

LOCATION: L7645/L3619

DAY: Tuesday

TIME	MOVEMENT 1							MOVEMENT 2							MOVEMENT 3						
	CAR	LGV	OGV1	OGV2	BUS	TOT	PCU	CAR	LGV	OGV1	OGV2	BUS	TOT	PCU	CAR	LGV	OGV1	OGV2	BUS	TOT	PCU
13:00	8	1	0	1	0	10	11	1	0	1	4	0	6	12	0	0	0	1	0	1	2
13:15	7	4	0	0	0	11	11	1	0	1	3	0	5	9	0	0	0	1	0	1	2
13:30	6	4	2	1	0	13	15	2	1	0	2	0	5	8	0	0	0	0	0	0	0
13:45	6	1	0	0	0	7	7	2	1	1	4	0	8	14	0	0	0	0	0	0	0
H/TOT	27	10	2	2	0	41	45	6	2	3	13	0	24	42	0	0	0	2	0	2	5
14:00	2	2	0	0	1	5	6	2	0	0	7	0	9	18	0	0	0	0	0	0	0
14:15	4	1	0	1	0	6	7	2	1	1	2	0	6	9	0	0	0	1	0	1	2
14:30	8	2	1	0	0	11	12	3	1	0	3	0	7	11	0	0	0	0	0	0	0
14:45	9	2	1	1	0	13	15	1	1	0	4	0	6	11	0	0	0	0	0	0	0
H/TOT	23	7	2	2	1	35	40	8	3	1	16	0	28	49	0	0	0	1	0	1	2
15:00	1	1	0	1	1	4	6	0	0	0	1	0	1	2	1	0	0	0	0	1	1
15:15	3	2	0	0	0	5	5	1	0	0	6	0	7	15	0	0	0	0	0	0	0
15:30	11	2	0	0	0	13	13	3	2	0	0	0	5	5	2	0	0	0	0	2	2
15:45	6	2	0	0	0	8	8	1	0	0	1	0	2	3	0	0	0	0	0	0	0
H/TOT	21	7	0	1	1	30	32	5	2	0	8	0	15	25	3	0	0	0	0	3	3
16:00	10	2	0	0	0	12	12	1	0	0	2	0	3	6	0	0	0	0	0	0	0
16:15	7	3	2	0	1	13	15	2	1	0	1	0	4	5	1	0	0	0	0	1	1
16:30	12	1	1	0	0	14	15	0	0	0	3	0	3	7	0	0	0	0	0	0	0
16:45	7	2	0	2	0	11	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	36	8	3	2	1	50	55	3	1	0	6	0	10	18	1	0	0	0	0	1	1
17:00	15	0	1	1	0	17	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:15	13	1	0	0	0	14	14	1	0	0	1	0	2	3	0	0	0	0	0	0	0
17:30	17	2	0	0	0	19	19	0	0	0	2	0	2	5	1	0	0	0	0	1	1
17:45	10	2	0	0	0	12	12	0	0	0	1	0	1	2	0	0	0	0	0	0	0
H/TOT	55	5	1	1	0	62	64	1	0	0	4	0	5	10	1	0	0	0	0	1	1
18:00	4	0	0	0	0	4	4	0	0	0	0	0	0	0	1	0	0	0	0	1	1
18:15	9	1	0	0	1	11	12	2	0	0	1	0	3	4	0	0	0	0	0	0	0
18:30	5	1	0	0	0	6	6	0	0	0	1	0	1	2	0	0	0	0	0	0	0
18:45	4	1	0	0	0	5	5	0	1	0	0	0	1	1	0	0	0	0	0	0	0
H/TOT	22	3	0	0	1	26	27	2	1	0	2	0	5	8	1	0	0	0	0	1	1
P/TOT	286	83	16	11	6	402	430	53	24	14	149	0	240	441	10	3	2	6	0	21	30

TRAFFINOMICS LIMITED

**ROSSMORE QUARRY TRAFFIC COUNTS
MANUAL CLASSIFIED JUNCTION TURNING COUNTS**

**MAY 2025
TRA/25/102**

SITE: 01

DATE: 27th May 2025

LOCATION: L7645/L3619

DAY: Tuesday

TIME	MOVEMENT 4							MOVEMENT 5							MOVEMENT 6						
	CAR	LGV	OGV1	OGV2	BUS	TOT	PCU	CAR	LGV	OGV1	OGV2	BUS	TOT	PCU	CAR	LGV	OGV1	OGV2	BUS	TOT	PCU
07:00	0	0	0	0	0	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0
07:15	0	0	0	0	0	0	0	2	1	0	0	0	3	3	0	0	0	0	0	0	0
07:30	0	0	0	0	0	0	0	0	1	0	0	0	1	1	0	0	0	0	0	0	0
07:45	0	0	0	1	0	1	2	1	2	0	0	0	3	3	0	0	0	0	0	0	0
H/TOT	0	0	0	1	0	1	2	4	4	0	0	0	8	8	0	0	0	0	0	0	0
08:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1
08:15	0	0	0	0	0	0	0	1	0	1	1	0	3	5	0	0	0	0	0	0	0
08:30	0	0	0	0	0	0	0	0	0	2	0	0	2	3	0	0	0	0	0	0	0
08:45	0	0	0	0	0	0	0	1	2	0	0	0	3	3	0	1	0	0	0	1	1
H/TOT	0	0	0	0	0	0	0	2	2	3	1	0	8	11	1	1	0	0	0	2	2
09:00	0	1	0	0	0	1	1	0	2	1	1	0	4	6	1	1	0	0	0	2	2
09:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09:30	0	0	0	0	0	0	0	1	1	0	2	0	4	7	1	0	0	0	0	1	1
09:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	2	3
H/TOT	0	1	0	0	0	1	1	1	3	1	3	0	8	12	2	2	1	0	0	5	6
10:00	0	0	0	0	0	0	0	1	3	0	0	0	4	4	0	0	0	0	0	0	0
10:15	0	0	0	0	0	0	0	1	1	1	0	0	3	4	1	0	0	0	0	1	1
10:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	3	3
10:45	0	0	0	0	0	0	0	1	0	0	0	0	1	1	0	2	0	0	0	2	2
H/TOT	0	0	0	0	0	0	0	3	4	1	0	0	8	9	3	3	0	0	0	6	6
11:00	0	0	0	0	0	0	0	2	0	1	0	0	3	4	0	1	0	0	0	1	1
11:15	0	0	0	0	0	0	0	1	0	0	0	0	1	1	0	1	0	0	0	1	1
11:30	0	0	0	0	0	0	0	2	0	0	0	0	2	2	2	0	0	0	0	2	2
11:45	0	0	0	1	0	1	2	1	0	0	1	0	2	3	0	0	0	0	0	0	0
H/TOT	0	0	0	1	0	1	2	6	0	1	1	0	8	10	2	2	0	0	0	4	4
12:00	0	0	0	0	0	0	0	1	0	0	0	0	1	1	2	1	1	0	0	4	5
12:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	2
12:30	0	0	0	0	0	0	0	4	0	1	0	0	5	6	0	0	0	0	0	0	0
12:45	0	0	0	0	0	0	0	2	1	0	0	0	3	3	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	7	1	1	0	0	9	10	2	1	2	0	0	5	6

TRAFFINOMICS LIMITED

**ROSSMORE QUARRY TRAFFIC COUNTS
MANUAL CLASSIFIED JUNCTION TURNING COUNTS**

**MAY 2025
TRA/25/102**

SITE: 01

DATE: 27th May 2025

LOCATION: L7645/L3619

DAY: Tuesday

TIME	MOVEMENT 4							MOVEMENT 5							MOVEMENT 6						
	CAR	LGV	OGV1	OGV2	BUS	TOT	PCU	CAR	LGV	OGV1	OGV2	BUS	TOT	PCU	CAR	LGV	OGV1	OGV2	BUS	TOT	PCU
13:00	0	0	0	0	0	0	0	1	2	0	1	0	4	5	1	1	2	0	0	4	5
13:15	0	0	0	0	0	0	0	1	0	0	0	0	1	1	1	0	0	0	0	1	1
13:30	0	0	0	0	0	0	0	0	0	0	2	0	2	5	0	0	0	0	0	0	0
13:45	0	0	0	0	0	0	0	0	1	0	0	0	1	1	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	2	3	0	3	0	8	12	2	1	2	0	0	5	6
14:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	2
14:15	0	0	0	1	0	1	2	0	0	1	1	0	2	4	1	0	0	0	0	1	1
14:30	0	0	0	0	0	0	0	1	1	0	0	0	2	2	2	0	0	0	0	2	2
14:45	0	0	0	0	0	0	0	0	1	0	0	0	1	1	2	0	0	0	0	2	2
H/TOT	0	0	0	1	0	1	2	1	2	1	1	0	5	7	7	0	0	0	0	7	7
15:00	0	0	0	0	0	0	0	1	1	0	0	0	2	2	2	0	0	0	0	2	2
15:15	1	0	0	0	0	1	1	1	0	0	0	0	1	1	3	0	0	1	0	4	5
15:30	0	0	0	0	0	0	0	4	0	0	0	0	4	4	1	0	0	0	0	1	1
15:45	0	0	0	0	0	0	0	1	0	1	0	0	2	3	0	0	0	0	0	0	0
H/TOT	1	0	0	0	0	1	1	7	1	1	0	0	9	10	6	0	0	1	0	7	8
16:00	0	0	0	0	0	0	0	1	0	0	1	0	2	3	0	0	0	1	0	1	2
16:15	0	0	0	1	0	1	2	3	1	0	0	0	4	4	0	0	0	0	0	0	0
16:30	3	1	0	0	0	4	4	0	0	0	0	0	0	0	1	0	0	0	0	1	1
16:45	1	0	0	0	0	1	1	3	1	0	0	0	4	4	0	0	0	0	0	0	0
H/TOT	4	1	0	1	0	6	7	7	2	0	1	0	10	11	1	0	0	1	0	2	3
17:00	0	0	0	0	0	0	0	1	1	0	0	0	2	2	1	0	0	1	0	2	3
17:15	0	0	0	0	0	0	0	2	1	1	0	0	4	5	0	1	0	0	0	1	1
17:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:45	2	0	0	0	0	2	2	4	0	0	0	0	4	4	0	0	0	0	0	0	0
H/TOT	2	0	0	0	0	2	2	7	2	1	0	0	10	11	1	1	0	1	0	3	4
18:00	0	0	0	0	0	0	0	1	0	0	0	0	1	1	1	0	0	0	0	1	1
18:15	0	0	0	0	0	0	0	2	0	0	0	0	2	2	0	0	0	0	0	0	0
18:30	0	0	0	0	0	0	0	2	0	1	0	0	3	4	0	0	0	0	0	0	0
18:45	0	0	0	0	0	0	0	1	0	0	0	0	1	1	1	0	0	0	0	1	1
H/TOT	0	0	0	0	0	0	0	6	0	1	0	0	7	8	2	0	0	0	0	2	2
P/TOT	7	2	0	4	0	13	18	53	24	11	10	0	98	117	29	11	5	3	0	48	54

TRAFFINOMICS LIMITED

**ROSSMORE QUARRY TRAFFIC COUNTS
MANUAL CLASSIFIED JUNCTION TURNING COUNTS**

**MAY 2025
TRA/25/102**

SITE: 01

DATE: 27th May 2025

LOCATION: L7645/L3619

DAY: Tuesday

RECEIVED: 17/12/2025

	MOVEMENT 7								MOVEMENT 8								MOVEMENT 9								Illegal Turns Wrong Side of The Island
TIME	CAR	LGV	OGV1	OGV2	BUS	TOT	PCU	CAR	LGV	OGV1	OGV2	BUS	TOT	PCU	CAR	LGV	OGV1	OGV2	BUS	TOT	PCU				
07:00	0	0	0	0	0	0	0	0	0	0	3	0	3	7	1	0	0	0	0	1	1	0			
07:15	0	0	0	0	0	0	0	0	0	0	2	0	2	5	0	0	0	0	0	0	0	1			
07:30	0	0	0	0	0	0	0	0	0	0	5	0	5	12	0	0	0	0	0	0	0	0			
07:45	0	0	0	0	0	0	0	0	0	0	7	0	7	16	0	0	0	0	0	0	0	0			
H/TOT	0	0	0	0	0	0	0	0	0	0	17	0	17	39	1	0	0	0	0	1	1	1			
08:00	0	0	0	1	0	1	2	0	0	0	5	0	5	12	0	0	0	0	0	0	0	0			
08:15	0	0	0	2	0	2	5	0	0	0	5	0	5	12	1	0	0	0	0	1	1	0			
08:30	0	0	0	0	0	0	0	0	0	0	5	0	5	12	0	1	0	0	0	1	1	0			
08:45	0	0	0	0	0	0	0	0	0	1	3	0	4	8	0	0	0	0	0	0	0	0			
H/TOT	0	0	0	3	0	3	7	0	0	1	18	0	19	43	1	1	0	0	0	2	2	0			
09:00	0	0	0	1	0	1	2	1	0	0	3	0	4	8	1	1	0	0	0	2	2	0			
09:15	0	0	0	0	0	0	0	0	0	0	6	0	6	14	0	0	0	0	0	0	0	0			
09:30	0	0	1	0	0	1	2	0	2	0	5	0	7	14	0	0	1	0	0	1	2	0			
09:45	0	0	0	0	0	0	0	3	0	1	3	0	7	11	0	0	0	0	0	0	0	0			
H/TOT	0	0	1	1	0	2	4	4	2	1	17	0	24	47	1	1	1	0	0	3	4	0			
10:00	0	0	1	0	0	1	2	1	0	1	5	0	7	14	0	0	0	0	0	0	0	0			
10:15	0	1	0	0	0	1	1	0	1	0	8	0	9	19	0	0	0	0	0	0	0	0			
10:30	1	0	0	0	0	1	1	4	0	0	3	0	7	11	1	0	0	0	0	1	1	0			
10:45	1	1	0	0	0	2	2	2	1	0	2	0	5	8	0	1	0	1	0	2	3	0			
H/TOT	2	2	1	0	0	5	6	7	2	1	18	0	28	52	1	1	0	1	0	3	4	0			
11:00	0	0	0	0	0	0	0	1	3	0	3	0	7	11	0	0	0	0	0	0	0	1			
11:15	1	0	0	0	0	1	1	2	0	1	8	0	11	22	0	0	0	0	0	0	0	0			
11:30	1	1	0	0	0	2	2	2	1	1	5	0	9	16	0	0	0	0	0	0	0	0			
11:45	1	0	0	0	0	1	1	1	1	0	3	0	5	9	1	0	0	0	0	1	1	0			
H/TOT	3	1	0	0	0	4	4	6	5	2	19	0	32	58	1	0	0	0	0	1	1	1			
12:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
12:15	1	1	1	0	0	3	4	2	1	0	4	0	7	12	1	0	0	0	0	1	1	0			
12:30	0	0	0	0	0	0	0	4	1	0	3	0	8	12	0	0	1	0	0	1	2	1			
12:45	0	0	1	0	0	1	2	0	1	1	2	0	4	7	0	0	0	1	0	1	2	0			
H/TOT	1	1	2	0	0	4	5	6	3	1	9	0	19	31	1	0	1	1	0	3	5	1			

Both Movements 8 & 9 Effectively Turn Right Against The Rules

TRAFFINOMICS LIMITED

**ROSSMORE QUARRY TRAFFIC COUNTS
MANUAL CLASSIFIED JUNCTION TURNING COUNTS**

**MAY 2025
TRA/25/102**

SITE: 01

DATE: 27th May 2025

LOCATION: L7645/L3619

DAY: Tuesday

RECEIVED: 17/12/2025

TIME	MOVEMENT 7					TOT	PCU	MOVEMENT 8					TOT	PCU	MOVEMENT 9					TOT	PCU	Illegal Turns Wrong Side of The Island
	CAR	LGV	OGV1	OGV2	BUS			CAR	LGV	OGV1	OGV2	BUS			CAR	LGV	OGV1	OGV2	BUS			
13:00	0	0	1	0	0	1	2	2	1	0	1	0	4	5	0	0	0	0	0	0	0	0
13:15	0	0	0	2	0	2	5	0	0	1	4	0	5	11	0	0	0	0	0	0	0	0
13:30	0	0	0	0	0	0	0	0	1	1	4	0	6	12	1	0	0	0	0	1	1	0
13:45	1	1	0	0	0	2	2	3	0	0	3	0	6	10	0	0	0	0	0	0	0	0
H/TOT	1	1	1	2	0	5	8	5	2	2	12	0	21	38	1	0	0	0	0	1	1	0
14:00	1	1	0	0	0	2	2	3	1	1	2	0	7	10	1	0	0	0	0	1	1	0
14:15	0	0	0	1	0	1	2	2	1	0	4	0	7	12	0	0	0	1	0	1	2	0
14:30	2	1	0	0	0	3	3	1	0	1	5	0	7	14	1	1	0	0	0	2	2	0
14:45	2	1	0	0	0	3	3	3	0	0	3	0	6	10	2	2	0	1	0	5	6	0
H/TOT	5	3	0	1	0	9	10	9	2	2	14	0	27	46	4	3	0	2	0	9	12	0
15:00	0	0	0	0	0	0	0	1	2	0	5	0	8	15	0	0	0	0	0	0	0	0
15:15	2	0	0	0	0	2	2	0	0	0	4	0	4	9	2	0	0	0	0	2	2	0
15:30	3	0	0	0	0	3	3	1	0	0	3	0	4	8	0	0	0	1	0	1	2	0
15:45	1	0	0	1	0	2	3	1	1	0	2	0	4	7	0	0	0	1	0	1	2	0
H/TOT	6	0	0	1	0	7	8	3	3	0	14	0	20	38	2	0	0	2	0	4	7	0
16:00	1	1	0	0	0	2	2	0	1	0	0	0	1	1	1	0	0	1	0	2	3	0
16:15	0	0	0	0	0	0	0	1	0	0	0	0	1	1	0	0	0	1	0	1	2	0
16:30	1	0	0	0	0	1	1	4	3	0	0	0	7	7	0	0	0	1	0	1	2	0
16:45	1	1	0	0	0	2	2	0	1	0	1	0	2	3	0	0	0	2	0	2	5	0
H/TOT	3	2	0	0	0	5	5	5	5	0	1	0	11	12	1	0	0	5	0	6	13	0
17:00	1	0	0	0	0	1	1	1	0	0	0	0	1	1	1	1	0	0	0	2	2	0
17:15	0	0	0	0	0	0	0	0	1	0	0	0	1	1	0	0	0	0	0	0	0	0
17:30	1	0	0	0	0	1	1	0	1	0	0	0	1	1	0	0	0	1	0	1	2	0
17:45	0	0	0	0	0	0	0	2	0	0	0	0	2	2	0	0	0	1	0	1	2	0
H/TOT	2	0	0	0	0	2	2	3	2	0	0	0	5	5	1	1	0	2	0	4	7	0
18:00	1	0	0	0	0	1	1	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0
18:15	0	0	0	0	0	0	0	1	0	2	0	0	3	4	0	0	0	1	0	1	2	0
18:30	1	1	0	0	0	2	2	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0
18:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	2	1	0	0	0	3	3	3	0	2	0	0	5	6	0	0	0	1	0	1	2	0
P/TOT	25	11	5	8	0	49	62	51	26	12	139	0	228	415	15	7	2	14	0	38	57	3

TRAFFINOMICS LIMITED

**ROSSMORE QUARRY TRAFFIC COUNTS
MANUAL CLASSIFIED JUNCTION TURNING COUNTS**

**MAY 2025
TRA/25/102**

SITE: 01

DATE: 27th May 2025

LOCATION: L7645/L3619

DAY: Tuesday

TIME	MOVEMENT 10							MOVEMENT 11							MOVEMENT 12							TOT	PCU
	CAR	LGV	OGV1	OGV2	BUS	TOT	PCU	CAR	LGV	OGV1	OGV2	BUS	TOT	PCU	CAR	LGV	OGV1	OGV2	BUS	TOT	PCU		
07:00	0	0	0	0	0	0	0	2	0	0	0	0	2	2	2	1	0	0	0	3	3		
07:15	1	0	0	0	0	1	1	1	1	0	0	0	2	2	4	2	1	1	0	8	10		
07:30	0	0	0	1	0	1	2	2	0	0	0	0	2	2	6	0	0	0	0	6	6		
07:45	1	1	0	0	0	2	2	1	0	0	1	0	2	3	5	0	0	0	3	8	11		
H/TOT	2	1	0	1	0	4	5	6	1	0	1	0	8	9	17	3	1	1	3	25	30		
08:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	1	0	0	1	11	12		
08:15	0	0	0	0	0	0	0	2	1	0	0	0	3	3	7	1	1	0	0	9	10		
08:30	0	0	0	0	0	0	0	2	0	1	0	0	3	4	4	0	0	0	0	4	4		
08:45	0	0	0	0	0	0	0	1	1	1	0	0	3	4	5	1	0	1	0	7	8		
H/TOT	0	0	0	0	0	0	0	5	2	2	0	0	9	10	25	3	1	1	1	31	34		
09:00	0	0	0	0	0	0	0	0	0	0	1	0	1	2	3	1	0	0	0	4	4		
09:15	0	0	0	0	0	0	0	2	1	0	1	0	4	5	6	0	1	0	0	7	8		
09:30	2	0	0	0	0	2	2	0	0	0	0	0	0	0	2	0	0	0	0	2	2		
09:45	2	0	0	0	0	2	2	1	0	0	0	0	1	1	3	2	0	0	0	5	5		
H/TOT	4	0	0	0	0	4	4	3	1	0	2	0	6	9	14	3	1	0	0	18	19		
10:00	0	0	1	0	0	1	2	0	0	0	1	0	1	2	3	0	0	0	0	3	3		
10:15	0	0	0	0	0	0	0	1	4	0	0	0	5	5	4	0	1	0	0	5	6		
10:30	0	0	0	0	0	0	0	1	0	0	0	0	1	1	3	0	0	0	0	3	3		
10:45	0	0	0	0	0	0	0	3	0	0	0	0	3	3	4	0	0	0	0	4	4		
H/TOT	0	0	1	0	0	1	2	5	4	0	1	0	10	11	14	0	1	0	0	15	16		
11:00	1	0	0	0	0	1	1	3	0	0	0	0	3	3	1	2	0	0	0	3	3		
11:15	0	0	0	0	0	0	0	2	1	0	0	0	3	3	5	1	0	0	0	6	6		
11:30	1	0	0	0	0	1	1	2	1	1	0	0	4	5	0	0	0	0	0	0	0		
11:45	1	0	0	0	0	1	1	1	1	0	0	0	2	2	10	0	0	0	0	10	10		
H/TOT	3	0	0	0	0	3	3	8	3	1	0	0	12	13	16	3	0	0	0	19	19		
12:00	0	0	1	0	0	1	2	0	0	0	0	0	0	0	2	1	0	0	0	3	3		
12:15	0	0	0	0	0	0	0	3	1	0	2	0	6	9	1	1	0	0	0	2	2		
12:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	1	0	0	4	5		
12:45	1	0	0	0	0	1	1	1	0	0	0	0	1	1	5	2	1	0	0	8	9		
H/TOT	1	0	1	0	0	2	3	4	1	0	2	0	7	10	11	4	2	0	0	17	18		

RECEIVED: 17/12/2025

TRAFFINOMICS LIMITED

**ROSSMORE QUARRY TRAFFIC COUNTS
MANUAL CLASSIFIED JUNCTION TURNING COUNTS**

**MAY 2025
TRA/25/102**

SITE: 01

DATE: 27th May 2025

LOCATION: L7645/L3619

DAY: Tuesday

TIME	MOVEMENT 10							MOVEMENT 11							MOVEMENT 12							TOT	PCU
	CAR	LGV	OGV1	OGV2	BUS	TOT	PCU	CAR	LGV	OGV1	OGV2	BUS	TOT	PCU	CAR	LGV	OGV1	OGV2	BUS	TOT	PCU		
13:00	0	0	0	0	0	0	0	5	1	0	0	0	6	6	3	3	0	0	0	6	6		
13:15	0	0	0	1	0	1	2	3	0	0	1	0	4	5	2	2	0	0	0	4	4		
13:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	0	0	3	3		
13:45	0	0	0	0	0	0	0	2	1	0	0	0	3	3	3	1	0	0	0	4	4		
H/TOT	0	0	0	1	0	1	2	10	2	0	1	0	13	14	9	8	0	0	0	17	17		
14:00	1	0	0	0	0	1	1	3	1	0	2	0	6	9	3	1	1	0	0	5	6		
14:15	1	1	0	0	0	2	2	0	0	0	0	0	0	0	4	0	0	0	0	4	4		
14:30	0	0	0	0	0	0	0	0	1	0	0	0	1	1	0	0	0	0	0	0	0		
14:45	0	0	0	0	0	0	0	2	0	0	0	0	2	2	7	0	0	0	1	8	9		
H/TOT	2	1	0	0	0	3	3	5	2	0	2	0	9	12	14	1	1	0	1	17	19		
15:00	0	0	0	0	0	0	0	0	0	2	1	0	3	5	3	3	3	0	0	9	11		
15:15	0	0	0	0	0	0	0	2	0	0	0	0	2	2	5	0	0	0	0	5	5		
15:30	0	0	0	0	0	0	0	5	0	0	0	0	5	5	2	1	3	0	0	6	8		
15:45	0	0	0	0	0	0	0	1	1	1	0	0	3	4	6	2	0	1	0	9	10		
H/TOT	0	0	0	0	0	0	0	8	1	3	1	0	13	16	16	6	6	1	0	29	33		
16:00	1	0	0	0	0	1	1	2	0	0	0	0	2	2	7	1	0	0	0	8	8		
16:15	0	0	0	0	0	0	0	4	0	0	0	0	4	4	4	1	0	0	0	5	5		
16:30	1	0	0	0	0	1	1	0	1	0	0	0	1	1	8	0	0	0	0	8	8		
16:45	2	0	0	0	0	2	2	2	0	0	0	0	2	2	5	1	1	0	0	7	8		
H/TOT	4	0	0	0	0	4	4	8	1	0	0	0	9	9	24	3	1	0	0	28	29		
17:00	0	0	0	0	0	0	0	4	1	0	0	0	5	5	2	1	0	0	0	3	3		
17:15	0	0	0	0	0	0	0	0	1	0	0	0	1	1	5	2	0	1	0	8	9		
17:30	1	0	0	0	0	1	1	1	0	0	0	0	1	1	0	1	0	0	0	1	1		
17:45	0	0	0	0	0	0	0	3	2	0	0	0	5	5	2	2	0	0	0	4	4		
H/TOT	1	0	0	0	0	1	1	8	4	0	0	0	12	12	9	6	0	1	0	16	17		
18:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	4	4		
18:15	0	0	0	0	0	0	0	2	0	0	0	0	2	2	4	0	0	0	0	4	4		
18:30	0	0	0	0	0	0	0	3	0	0	0	0	3	3	6	0	0	0	0	6	6		
18:45	0	0	0	0	0	0	0	1	1	0	0	0	2	2	2	0	0	0	0	2	2		
H/TOT	0	0	0	0	0	0	0	6	1	0	0	0	7	7	16	0	0	0	0	16	16		
P/TOT	17	2	2	2	0	23	27	76	23	6	10	0	115	131	185	40	14	4	5	248	265		

TRAFFINOMICS LIMITED

**ROSSMORE QUARRY TRAFFIC COUNTS
MANUAL CLASSIFIED JUNCTION TURNING COUNTS**

**MAY 2025
TRA/25/102**

SITE: 02

DATE: 27th May 2025

LOCATION: L3619/Father O'Keefe Terrace

DAY: Tuesday

TIME	MOVEMENT 1							MOVEMENT 2							MOVEMENT 3						
	CAR	LGV	OGV1	OGV2	BUS	TOT	PCU	CAR	LGV	OGV1	OGV2	BUS	TOT	PCU	CAR	LGV	OGV1	OGV2	BUS	TOT	PCU
07:00	0	0	0	0	0	0	0	0	1	0	0	0	1	1	1	0	1	0	0	2	3
07:15	0	0	0	0	0	0	0	0	1	0	0	0	1	1	0	0	0	0	0	0	0
07:30	0	0	0	0	0	0	0	0	2	1	1	0	4	6	3	0	0	0	0	3	3
07:45	0	0	0	0	0	0	0	0	1	0	0	0	1	1	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	5	1	1	0	7	9	4	0	1	0	0	5	6
08:00	0	0	0	0	0	0	0	2	0	0	0	0	2	2	2	0	1	3	0	6	10
08:15	0	0	0	0	0	0	0	3	1	0	0	0	4	4	0	2	0	1	0	3	4
08:30	0	0	0	0	0	0	0	7	0	1	0	0	8	9	1	0	0	1	0	2	3
08:45	0	0	0	0	0	0	0	2	1	1	1	0	5	7	0	1	0	0	0	1	1
H/TOT	0	0	0	0	0	0	0	14	2	2	1	0	19	21	3	3	1	5	0	12	19
09:00	0	0	0	0	0	0	0	3	0	1	0	0	4	5	0	1	1	1	0	3	5
09:15	0	0	0	0	0	0	0	1	2	0	1	0	4	5	1	3	0	0	0	4	4
09:30	0	0	0	0	0	0	0	2	1	0	1	0	4	5	1	0	0	0	0	1	1
09:45	0	0	0	0	0	0	0	2	1	0	0	0	3	3	2	2	0	0	0	4	4
H/TOT	0	0	0	0	0	0	0	8	4	1	2	0	15	18	4	6	1	1	0	12	14
10:00	0	0	0	0	0	0	0	2	0	0	1	0	3	4	3	1	0	0	0	4	4
10:15	0	0	0	0	0	0	0	2	0	0	1	0	3	4	1	0	0	0	0	1	1
10:30	0	0	0	0	0	0	0	2	0	0	0	0	2	2	2	1	1	0	0	4	5
10:45	1	2	0	0	0	3	3	4	1	0	0	0	5	5	1	0	0	0	0	1	1
H/TOT	1	2	0	0	0	3	3	10	1	0	2	0	13	16	7	2	1	0	0	10	11
11:00	0	1	0	0	0	1	1	3	1	0	0	0	4	4	1	0	0	1	0	2	3
11:15	0	0	0	0	0	0	0	1	0	0	0	0	1	1	1	2	0	0	0	3	3
11:30	0	0	0	0	0	0	0	1	1	0	1	0	3	4	1	1	0	1	0	3	4
11:45	0	0	0	0	0	0	0	2	0	1	0	0	3	4	3	0	0	1	0	4	5
H/TOT	0	1	0	0	0	1	1	7	2	1	1	0	11	13	6	3	0	3	0	12	16
12:00	0	0	0	0	0	0	0	3	0	0	0	0	3	3	3	0	0	0	0	3	3
12:15	1	0	0	0	0	1	1	3	1	1	1	0	6	8	1	1	1	0	0	3	4
12:30	1	0	0	0	0	1	1	1	0	1	0	0	2	3	1	0	1	0	0	2	3
12:45	0	0	0	0	0	0	0	1	1	0	0	0	2	2	1	0	0	0	0	1	1
H/TOT	2	0	0	0	0	2	2	8	2	2	1	0	13	15	6	1	2	0	0	9	10

TRAFFINOMICS LIMITED

**ROSSMORE QUARRY TRAFFIC COUNTS
MANUAL CLASSIFIED JUNCTION TURNING COUNTS**

**MAY 2025
TRA/25/102**

SITE: 02

DATE: 27th May 2025

LOCATION: L3619/Father O'Keefe Terrace

DAY: Tuesday

TIME	MOVEMENT 1							MOVEMENT 2							MOVEMENT 3						
	CAR	LGV	OGV1	OGV2	BUS	TOT	PCU	CAR	LGV	OGV1	OGV2	BUS	TOT	PCU	CAR	LGV	OGV1	OGV2	BUS	TOT	PCU
13:00	0	0	0	0	0	0	0	2	0	0	0	0	2	2	1	0	0	0	0	1	1
13:15	0	0	0	0	0	0	0	1	2	0	0	0	3	3	2	1	0	0	0	3	3
13:30	0	0	0	0	0	0	0	1	1	0	0	0	2	2	2	0	0	0	0	2	2
13:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	2	3
H/TOT	0	0	0	0	0	0	0	4	3	0	0	0	7	7	6	1	0	1	0	8	9
14:00	1	0	0	0	0	1	1	1	1	0	0	0	2	2	1	0	0	0	0	1	1
14:15	0	0	1	0	0	1	2	2	1	0	0	0	3	3	1	1	1	0	0	3	4
14:30	0	0	0	0	0	0	0	1	0	0	0	0	1	1	2	0	0	0	0	2	2
14:45	0	0	0	0	0	0	0	2	0	0	0	0	2	2	1	0	0	0	0	1	1
H/TOT	1	0	1	0	0	2	3	6	2	0	0	0	8	8	5	1	1	0	0	7	8
15:00	0	0	0	0	0	0	0	4	1	0	0	0	5	5	3	2	0	0	0	5	5
15:15	1	0	0	0	0	1	1	2	0	1	0	0	3	4	2	1	0	0	0	3	3
15:30	0	0	0	0	0	0	0	5	0	0	0	0	5	5	5	0	0	0	0	5	5
15:45	0	0	0	0	0	0	0	5	1	0	1	0	7	8	1	2	1	0	0	4	5
H/TOT	1	0	0	0	0	1	1	16	2	1	1	0	20	22	11	5	1	0	0	17	18
16:00	1	0	0	0	0	1	1	3	0	0	1	0	4	5	4	0	0	0	0	4	4
16:15	1	0	0	0	0	1	1	2	0	0	0	0	2	2	3	1	0	0	0	4	4
16:30	0	0	0	0	0	0	0	2	0	0	0	0	2	2	3	1	0	0	0	4	4
16:45	0	0	0	0	0	0	0	4	0	0	0	0	4	4	4	1	0	0	0	5	5
H/TOT	2	0	0	0	0	2	2	11	0	0	1	0	12	13	14	3	0	0	0	17	17
17:00	0	0	0	0	0	0	0	4	1	0	0	0	5	5	5	0	0	0	0	5	5
17:15	2	1	0	0	0	3	3	5	0	0	0	0	5	5	2	1	0	0	0	3	3
17:30	1	0	0	0	0	1	1	4	0	0	0	0	4	4	5	0	0	0	0	5	5
17:45	0	0	0	0	0	0	0	2	0	0	0	0	2	2	3	0	0	0	0	3	3
H/TOT	3	1	0	0	0	4	4	15	1	0	0	0	16	16	15	1	0	0	0	16	16
18:00	0	0	0	0	0	0	0	2	2	0	0	0	4	4	1	0	0	0	0	1	1
18:15	1	0	0	0	0	1	1	3	0	0	0	0	3	3	3	0	0	0	0	3	3
18:30	0	0	0	0	0	0	0	2	0	0	0	0	2	2	2	0	0	0	0	2	2
18:45	1	0	0	0	0	1	1	0	0	0	0	0	0	0	4	0	0	0	0	4	4
H/TOT	2	0	0	0	0	2	2	7	2	0	0	0	9	9	10	0	0	0	0	10	10
P/TOT	12	4	1	0	0	17	18	106	26	8	10	0	150	167	91	26	8	10	0	135	152

TRAFFINOMICS LIMITED

**ROSSMORE QUARRY TRAFFIC COUNTS
MANUAL CLASSIFIED JUNCTION TURNING COUNTS**

**MAY 2025
TRA/25/102**

SITE: 02

DATE: 27th May 2025

LOCATION: L3619/Father O'Keefe Terrace

DAY: Tuesday

TIME	MOVEMENT 4							MOVEMENT 5							MOVEMENT 6						
	CAR	LGV	OGV1	OGV2	BUS	TOT	PCU	CAR	LGV	OGV1	OGV2	BUS	TOT	PCU	CAR	LGV	OGV1	OGV2	BUS	TOT	PCU
07:00	1	0	0	0	0	1	1	3	0	0	0	0	3	3	0	0	0	0	0	0	0
07:15	2	1	0	0	0	3	3	3	1	0	0	0	4	4	0	0	0	0	0	0	0
07:30	0	1	0	0	0	1	1	3	0	1	0	0	4	5	0	0	0	0	0	0	0
07:45	1	1	0	1	0	3	4	1	0	0	2	0	3	6	0	0	0	0	0	0	0
H/TOT	4	3	0	1	0	8	9	10	1	1	2	0	14	17	0	0	0	0	0	0	0
08:00	1	0	1	0	0	2	3	1	0	0	1	0	2	3	0	0	0	0	0	0	0
08:15	2	0	0	1	0	3	4	1	1	1	2	0	5	8	0	0	0	0	0	0	0
08:30	0	0	2	0	0	2	3	2	0	1	0	0	3	4	0	1	0	0	0	1	1
08:45	2	2	0	0	0	4	4	1	0	1	0	0	2	3	0	1	0	0	0	1	1
H/TOT	5	2	3	1	0	11	14	5	1	3	3	0	12	17	0	2	0	0	0	2	2
09:00	1	3	1	1	0	6	8	0	0	0	2	0	2	5	0	0	0	0	0	0	0
09:15	1	0	0	0	0	1	1	1	1	0	2	0	4	7	0	0	0	0	0	0	0
09:30	2	1	0	2	0	5	8	3	1	1	0	0	5	6	0	1	0	0	0	1	1
09:45	1	3	1	0	0	5	6	0	0	0	0	0	0	0	1	0	0	0	0	1	1
H/TOT	5	7	2	3	0	17	22	4	2	1	4	0	11	17	1	1	0	0	0	2	2
10:00	1	3	0	0	0	4	4	1	1	1	1	0	4	6	2	0	0	0	0	2	2
10:15	2	1	1	0	0	4	5	1	5	0	0	0	6	6	0	0	0	0	0	0	0
10:30	3	1	0	0	0	4	4	3	0	0	0	0	3	3	0	0	0	0	0	0	0
10:45	1	2	0	0	0	3	3	4	0	0	0	0	4	4	0	1	0	0	0	1	1
H/TOT	7	7	1	0	0	15	16	9	6	1	1	0	17	19	2	1	0	0	0	3	3
11:00	2	1	1	0	0	4	5	3	0	0	0	0	3	3	0	0	0	0	0	0	0
11:15	1	1	0	0	0	2	2	3	1	0	0	0	4	4	0	0	0	0	0	0	0
11:30	4	0	0	0	0	4	4	3	2	1	0	0	6	7	0	0	0	0	0	0	0
11:45	2	0	0	2	0	4	7	1	0	0	0	0	1	1	1	1	0	0	0	2	2
H/TOT	9	2	1	2	0	14	17	10	3	1	0	0	14	15	1	1	0	0	0	2	2
12:00	2	1	1	0	0	4	5	2	1	1	0	0	4	5	0	0	0	0	0	0	0
12:15	0	0	1	0	0	1	2	2	2	0	2	0	6	9	0	0	0	0	0	0	0
12:30	4	0	1	0	0	5	6	0	0	0	1	0	1	2	0	0	1	0	0	1	2
12:45	1	1	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	7	2	3	0	0	12	14	4	3	1	3	0	11	15	0	0	1	0	0	1	2

TRAFFINOMICS LIMITED

**ROSSMORE QUARRY TRAFFIC COUNTS
MANUAL CLASSIFIED JUNCTION TURNING COUNTS**

**MAY 2025
TRA/25/102**

SITE: 02

DATE: 27th May 2025

LOCATION: L3619/Father O'Keefe Terrace

DAY: Tuesday

TIME	MOVEMENT 4							MOVEMENT 5							MOVEMENT 6						
	CAR	LGV	OGV1	OGV2	BUS	TOT	PCU	CAR	LGV	OGV1	OGV2	BUS	TOT	PCU	CAR	LGV	OGV1	OGV2	BUS	TOT	PCU
13:00	4	2	2	1	0	9	11	7	1	1	1	0	10	12	1	0	0	0	0	1	1
13:15	2	0	0	0	0	2	2	3	0	0	4	0	7	12	0	0	0	0	0	0	0
13:30	0	0	0	2	0	2	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13:45	0	1	0	0	0	1	1	3	2	0	0	0	5	5	0	0	0	0	0	0	0
H/TOT	6	3	2	3	0	14	19	13	3	1	5	0	22	29	1	0	0	0	0	1	1
14:00	1	0	0	0	0	1	1	1	2	0	2	0	5	8	1	0	0	0	0	1	1
14:15	2	1	0	2	0	5	8	0	0	0	2	0	2	5	0	0	0	0	0	0	0
14:30	3	0	0	0	0	3	3	2	0	0	0	0	2	2	0	1	0	0	0	1	1
14:45	2	0	0	0	0	2	2	4	2	0	0	0	6	6	0	0	0	0	0	0	0
H/TOT	8	1	0	2	0	11	14	7	4	0	4	0	15	20	1	1	0	0	0	2	2
15:00	4	0	0	0	0	4	4	1	0	1	1	0	3	5	0	0	1	0	0	1	2
15:15	4	0	0	1	0	5	6	4	0	0	0	0	4	4	0	0	0	0	0	0	0
15:30	5	0	0	0	0	5	5	6	1	0	0	0	7	7	3	0	0	0	0	3	3
15:45	1	0	1	0	0	2	3	2	0	1	1	0	4	6	0	0	0	0	0	0	0
H/TOT	14	0	1	1	0	16	18	13	1	2	2	0	18	22	3	0	1	0	0	4	5
16:00	0	0	0	2	0	2	5	2	1	1	0	0	4	5	0	0	0	0	0	0	0
16:15	3	1	0	1	0	5	6	5	0	0	0	0	5	5	1	0	0	0	0	1	1
16:30	5	1	0	0	0	6	6	2	1	0	0	0	3	3	2	0	0	0	0	2	2
16:45	3	0	0	0	0	3	3	3	1	0	0	0	4	4	0	0	0	0	0	0	0
H/TOT	11	2	0	3	0	16	20	12	3	1	0	0	16	17	3	0	0	0	0	3	3
17:00	2	1	0	1	0	4	5	5	1	0	0	0	6	6	0	0	0	0	0	0	0
17:15	0	2	1	0	0	3	4	0	1	0	0	0	1	1	0	0	0	0	0	0	0
17:30	1	1	0	0	0	2	2	2	0	0	0	0	2	2	2	0	0	0	0	2	2
17:45	4	0	0	0	0	4	4	3	1	0	0	0	4	4	1	0	0	0	0	1	1
H/TOT	7	4	1	1	0	13	15	10	3	0	0	0	13	13	3	0	0	0	0	3	3
18:00	2	0	0	0	0	2	2	1	0	0	0	0	1	1	3	0	0	0	0	3	3
18:15	2	0	0	0	0	2	2	3	0	0	0	0	3	3	0	0	0	0	0	0	0
18:30	1	0	0	0	0	1	1	3	0	0	0	0	3	3	2	0	0	0	0	2	2
18:45	3	0	0	0	0	3	3	3	1	0	0	0	4	4	1	0	0	0	0	1	1
H/TOT	8	0	0	0	0	8	8	10	1	0	0	0	11	11	6	0	0	0	0	6	6
P/TOT	91	33	14	17	0	155	184	107	31	12	24	0	174	211	21	6	2	0	0	29	30

TRAFFINOMICS LIMITED

**ROSSMORE QUARRY TRAFFIC COUNTS
MANUAL CLASSIFIED JUNCTION TURNING COUNTS**

**MAY 2025
TRA/25/102**

SITE: 03

DATE: 27th May 2025

LOCATION: L765/Father O'Keefe Terrace

DAY: Tuesday

TIME	MOVEMENT 1					TOT	PCU	MOVEMENT 2					TOT	PCU	MOVEMENT 3					TOT	PCU
	CAR	LGV	OGV1	OGV2	BUS			CAR	LGV	OGV1	OGV2	BUS			CAR	LGV	OGV1	OGV2	BUS		
07:00	7	4	1	0	0	12	13	2	2	0	0	0	4	4	2	1	0	0	0	3	3
07:15	3	1	0	7	0	11	20	1	1	0	0	0	2	2	15	0	0	0	0	15	15
07:30	3	2	1	9	0	15	27	1	0	0	0	0	1	1	2	0	0	0	0	2	2
07:45	3	4	0	4	0	11	16	0	1	0	0	0	1	1	3	1	0	0	0	4	4
H/TOT	16	11	2	20	0	49	76	4	4	0	0	0	8	8	22	2	0	0	0	24	24
08:00	5	3	0	4	0	12	17	0	0	0	0	0	0	0	4	0	1	3	0	8	12
08:15	8	3	2	3	2	18	25	3	0	0	0	0	3	3	0	2	0	1	0	3	4
08:30	6	3	0	3	0	12	16	7	0	0	0	0	7	7	1	2	0	1	0	4	5
08:45	8	0	1	3	0	12	16	3	2	1	0	0	6	7	3	0	0	0	0	3	3
H/TOT	27	9	3	13	2	54	74	13	2	1	0	0	16	17	8	4	1	5	0	18	25
09:00	6	2	2	4	0	14	20	3	0	0	0	0	3	3	0	2	0	1	0	3	4
09:15	3	5	2	7	0	17	27	1	2	0	2	0	5	8	2	3	0	0	0	5	5
09:30	8	4	1	2	0	15	18	0	2	0	0	0	2	2	1	0	0	0	0	1	1
09:45	4	1	1	8	0	14	25	4	0	1	0	0	5	6	5	1	0	0	0	6	6
H/TOT	21	12	6	21	0	60	90	8	4	1	2	0	15	18	8	6	0	1	0	15	16
10:00	11	2	2	5	0	20	28	3	0	0	1	0	4	5	5	1	0	0	0	6	6
10:15	10	2	0	3	0	15	19	2	0	0	1	0	3	4	2	0	0	0	0	2	2
10:30	7	1	0	5	0	13	20	5	3	0	0	0	8	8	4	0	1	0	0	5	6
10:45	7	5	2	2	0	16	20	6	2	0	0	0	8	8	4	0	0	0	0	4	4
H/TOT	35	10	4	15	0	64	86	16	5	0	2	0	23	26	15	1	1	0	0	17	18
11:00	2	3	1	11	0	17	32	4	0	0	0	0	4	4	0	0	0	1	0	1	2
11:15	7	1	0	2	0	10	13	1	0	0	0	0	1	1	1	1	0	0	0	2	2
11:30	4	4	1	5	0	14	21	3	1	0	1	0	5	6	2	1	0	1	0	4	5
11:45	4	1	0	2	0	7	10	2	0	1	0	0	3	4	5	1	0	1	0	7	8
H/TOT	17	9	2	20	0	48	75	10	1	1	1	0	13	15	8	3	0	3	0	14	18
12:00	7	2	0	3	0	12	16	3	0	0	0	0	3	3	8	0	0	0	0	8	8
12:15	5	0	1	5	0	11	18	2	1	0	1	0	4	5	0	0	1	0	0	1	2
12:30	5	3	0	4	0	12	17	3	0	1	0	0	4	5	2	0	2	0	0	4	5
12:45	9	6	0	3	0	18	22	3	1	0	0	0	4	4	1	0	0	0	0	1	1
H/TOT	26	11	1	15	0	53	73	11	2	1	1	0	15	17	11	0	3	0	0	14	16

TRAFFINOMICS LIMITED

**ROSSMORE QUARRY TRAFFIC COUNTS
MANUAL CLASSIFIED JUNCTION TURNING COUNTS**

**MAY 2025
TRA/25/102**

SITE: 03

DATE: 27th May 2025

LOCATION: L765/Father O'Keefe Terrace

DAY: Tuesday

TIME	MOVEMENT 1					TOT	PCU	MOVEMENT 2					TOT	PCU	MOVEMENT 3					TOT	PCU
	CAR	LGV	OGV1	OGV2	BUS			CAR	LGV	OGV1	OGV2	BUS			CAR	LGV	OGV1	OGV2	BUS		
13:00	9	2	1	6	0	18	26	0	1	0	0	0	1	1	2	0	0	0	0	2	2
13:15	8	4	1	4	0	17	23	0	2	0	0	0	2	2	4	1	0	0	0	5	5
13:30	7	4	2	3	0	16	21	2	1	0	0	0	3	3	5	0	0	0	0	5	5
13:45	6	3	1	5	0	15	22	1	0	0	0	0	1	1	4	1	0	1	0	6	7
H/TOT	30	13	5	18	0	66	92	3	4	0	0	0	7	7	15	2	0	1	0	18	19
14:00	9	2	0	7	1	19	29	4	1	0	0	0	5	5	2	0	0	0	0	2	2
14:15	13	2	1	4	0	20	26	2	3	1	0	0	6	7	1	1	1	0	0	3	4
14:30	17	3	2	5	0	27	35	1	0	0	0	0	1	1	4	2	0	0	0	6	6
14:45	6	3	0	3	0	12	16	4	0	0	0	0	4	4	1	0	0	0	0	1	1
H/TOT	45	10	3	19	1	78	105	11	4	1	0	0	16	17	8	3	1	0	0	12	13
15:00	5	3	0	3	1	12	17	7	2	0	0	0	9	9	2	1	2	0	0	5	6
15:15	5	3	0	5	0	13	20	5	1	1	0	0	7	8	4	3	0	0	0	7	7
15:30	21	4	0	1	0	26	27	6	0	0	0	0	6	6	1	0	0	0	0	1	1
15:45	9	2	0	2	0	13	16	5	1	0	1	0	7	8	5	1	0	0	0	6	6
H/TOT	40	12	0	11	1	64	79	23	4	1	1	0	29	31	12	5	2	0	0	19	20
16:00	12	1	0	1	0	14	15	6	1	0	1	0	8	9	1	1	0	0	0	2	2
16:15	13	4	2	1	1	21	24	6	1	0	0	0	7	7	3	1	0	0	0	4	4
16:30	14	1	1	2	0	18	21	4	2	0	0	0	6	6	8	1	0	0	0	9	9
16:45	7	2	0	2	0	11	14	6	0	0	0	0	6	6	5	2	0	0	0	7	7
H/TOT	46	8	3	6	1	64	74	22	4	0	1	0	27	28	17	5	0	0	0	22	22
17:00	17	0	2	1	0	20	22	3	0	0	0	0	3	3	5	0	0	0	0	5	5
17:15	15	3	0	2	0	20	23	10	1	0	0	0	11	11	2	0	0	0	0	2	2
17:30	16	1	0	2	0	19	22	5	1	0	0	0	6	6	5	1	0	0	0	6	6
17:45	11	1	0	1	0	13	14	2	1	0	0	0	3	3	2	0	0	0	0	2	2
H/TOT	59	5	2	6	0	72	81	20	3	0	0	0	23	23	14	1	0	0	0	15	15
18:00	13	0	0	0	0	13	13	7	1	0	0	0	8	8	2	0	0	0	0	2	2
18:15	12	1	0	1	1	15	17	7	0	1	0	0	8	9	3	0	0	0	0	3	3
18:30	8	1	0	1	0	10	11	3	0	0	0	0	3	3	0	0	0	0	0	0	0
18:45	8	2	0	0	0	10	10	1	0	0	0	0	1	1	5	0	0	0	0	5	5
H/TOT	41	4	0	2	1	48	52	18	1	1	0	0	20	21	10	0	0	0	0	10	10
P/TOT	403	114	31	166	6	720	957	159	38	7	8	0	212	226	148	32	8	10	0	198	215

TRAFFINOMICS LIMITED

**ROSSMORE QUARRY TRAFFIC COUNTS
MANUAL CLASSIFIED JUNCTION TURNING COUNTS**

**MAY 2025
TRA/25/102**

SITE: 03

DATE: 27th May 2025

LOCATION: L765/Father O'Keefe Terrace

DAY: Tuesday

TIME	MOVEMENT 4							MOVEMENT 5							MOVEMENT 6						
	CAR	LGV	OGV1	OGV2	BUS	TOT	PCU	CAR	LGV	OGV1	OGV2	BUS	TOT	PCU	CAR	LGV	OGV1	OGV2	BUS	TOT	PCU
07:00	0	0	1	0	0	1	2	0	0	0	0	0	0	0	2	1	0	3	0	6	10
07:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	3	0	3	0	11	15
07:30	0	0	0	0	0	0	0	0	0	1	1	0	2	4	8	0	0	4	0	12	17
07:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	8	2	14	26
H/TOT	0	0	1	0	0	1	2	0	0	1	1	0	2	4	19	4	0	18	2	43	68
08:00	1	0	0	0	0	1	1	0	0	0	0	0	0	0	11	0	0	4	2	17	24
08:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	2	0	5	0	11	18
08:30	0	0	0	0	0	0	0	0	0	1	1	0	2	4	4	0	0	5	0	9	16
08:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	1	1	4	0	11	17
H/TOT	1	0	0	0	0	1	1	0	0	1	1	0	2	4	24	3	1	18	2	48	74
09:00	0	0	1	0	0	1	2	0	0	0	0	0	0	0	6	2	0	3	0	11	15
09:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	6	0	9	17
09:30	0	0	0	0	0	0	0	1	0	0	0	0	1	1	3	2	1	5	0	11	18
09:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	2	1	3	0	14	18
H/TOT	0	0	1	0	0	1	2	1	0	0	0	0	1	1	20	6	2	17	0	45	68
10:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	0	2	5	0	13	21
10:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	1	9	0	13	25
10:30	0	1	0	0	0	1	1	0	0	0	0	0	0	0	6	0	0	3	0	9	13
10:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	2	0	2	0	9	12
H/TOT	0	1	0	0	0	1	1	0	0	0	0	0	0	0	19	3	3	19	0	44	70
11:00	0	0	0	0	0	0	0	0	1	0	0	0	1	1	4	3	0	4	0	11	16
11:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	4	1	8	0	20	31
11:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	1	1	5	0	10	17
11:45	1	0	0	0	0	1	1	0	0	0	0	0	0	0	13	1	0	3	0	17	21
H/TOT	1	0	0	0	0	1	1	0	1	0	0	0	1	1	27	9	2	20	0	58	85
12:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	4	4
12:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	3	0	3	0	10	14
12:30	1	0	0	0	0	1	1	0	0	0	0	0	0	0	4	0	1	2	0	7	10
12:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	3	2	3	0	16	21
H/TOT	1	0	0	0	0	1	1	0	0	0	0	0	0	0	20	6	3	8	0	37	49

TRAFFINOMICS LIMITED

**ROSSMORE QUARRY TRAFFIC COUNTS
MANUAL CLASSIFIED JUNCTION TURNING COUNTS**

**MAY 2025
TRA/25/102**

SITE: 03

DATE: 27th May 2025

LOCATION: L765/Father O'Keefe Terrace

DAY: Tuesday

TIME	MOVEMENT 4							MOVEMENT 5							MOVEMENT 6						
	CAR	LGV	OGV1	OGV2	BUS	TOT	PCU	CAR	LGV	OGV1	OGV2	BUS	TOT	PCU	CAR	LGV	OGV1	OGV2	BUS	TOT	PCU
13:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	2	0	1	0	8	9
13:15	0	0	0	0	0	0	0	1	0	0	0	0	1	1	1	2	1	3	0	7	11
13:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	1	4	0	11	17
13:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	1	0	3	0	12	16
H/TOT	0	0	0	0	0	0	0	1	0	0	0	0	1	1	17	8	2	11	0	38	53
14:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	2	2	2	0	16	20
14:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	1	0	5	0	11	18
14:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	1	5	0	10	17
14:45	1	0	0	0	0	1	1	0	0	0	0	0	0	0	10	1	0	2	1	14	18
H/TOT	1	0	0	0	0	1	1	0	0	0	0	0	0	0	29	4	3	14	1	51	72
15:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	6	3	5	0	21	29
15:15	0	1	0	0	0	1	1	0	0	0	0	0	0	0	7	1	0	4	0	12	17
15:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	0	4	4	0	14	21
15:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	4	0	3	0	14	18
H/TOT	0	1	0	0	0	1	1	0	0	0	0	0	0	0	27	11	7	16	0	61	85
16:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	3	0	0	0	12	12
16:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	1	0	3	0	11	15
16:30	1	0	0	0	0	1	1	0	0	0	0	0	0	0	12	4	0	0	0	16	16
16:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	1	1	1	0	9	11
H/TOT	1	0	0	0	0	1	1	0	0	0	0	0	0	0	34	9	1	4	0	48	54
17:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	0	0	0	5	5
17:15	1	0	0	0	0	1	1	0	0	0	0	0	0	0	7	2	0	1	0	10	11
17:30	0	1	0	0	0	1	1	0	0	0	0	0	0	0	1	2	0	0	0	3	3
17:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	2	0	0	0	9	9
H/TOT	1	1	0	0	0	2	2	0	0	0	0	0	0	0	17	9	0	1	0	27	28
18:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	1	0	0	0	11	11
18:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	0	2	0	0	11	12
18:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	0	0	0	0	6	6
18:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	1	0	0	0	5	5
H/TOT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	29	2	2	0	0	33	34
P/TOT	6	3	2	0	0	11	12	2	1	2	2	0	7	11	282	74	26	146	5	533	741

TRAFFINOMICS LIMITED

**ROSSMORE QUARRY TRAFFIC COUNTS
MANUAL CLASSIFIED JUNCTION TURNING COUNTS**

**MAY 2025
TRA/25/102**

SITE: 04

DATE: 27th May 2025

LOCATION: L3612/N25 Exit 4 (Westerly Slips) Roundabout

DAY: Tuesday

TIME	MOVEMENT 1					TOT	PCU	MOVEMENT 2					TOT	PCU	MOVEMENT 3					TOT	PCU
	CAR	LGV	OGV1	OGV2	BUS			CAR	LGV	OGV1	OGV2	BUS			CAR	LGV	OGV1	OGV2	BUS		
07:00	0	0	0	0	0	0	0	7	5	1	0	0	13	14	76	5	2	1	0	84	86
07:15	1	0	0	0	0	1	1	0	1	0	4	0	5	10	68	15	0	2	1	86	90
07:30	0	0	0	0	0	0	0	4	1	0	5	1	11	19	67	5	0	0	1	73	74
07:45	0	0	0	0	0	0	0	3	6	0	2	0	11	14	66	9	2	2	0	79	83
H/TOT	1	0	0	0	0	1	1	14	13	1	11	1	40	56	277	34	4	5	2	322	333
08:00	1	0	0	0	0	1	1	8	3	1	2	1	15	19	81	10	2	0	1	94	96
08:15	0	0	0	0	0	0	0	11	4	1	0	2	18	21	55	8	0	1	1	65	67
08:30	0	0	0	0	0	0	0	13	1	1	3	0	18	22	64	13	0	5	2	84	93
08:45	0	0	0	0	0	0	0	12	3	2	4	0	21	27	61	8	1	2	1	73	77
H/TOT	1	0	0	0	0	1	1	44	11	5	9	3	72	89	261	39	3	8	5	316	333
09:00	0	0	0	0	0	0	0	10	2	1	2	0	15	18	38	6	2	0	0	46	47
09:15	0	0	0	0	0	0	0	5	8	2	2	0	17	21	36	11	2	1	0	50	52
09:30	0	0	0	0	0	0	0	13	6	0	2	0	21	24	39	2	1	1	1	44	47
09:45	0	0	0	0	0	0	0	9	4	2	2	0	17	21	32	5	0	2	0	39	42
H/TOT	0	0	0	0	0	0	0	37	20	5	8	0	70	83	145	24	5	4	1	179	188
10:00	1	0	0	0	0	1	1	14	1	2	3	1	21	27	29	4	1	1	2	37	41
10:15	0	0	0	0	0	0	0	12	3	0	2	0	17	20	42	9	1	1	0	53	55
10:30	0	0	0	0	0	0	0	14	3	0	3	0	20	24	31	3	0	0	0	34	34
10:45	0	0	0	0	0	0	0	14	8	1	0	0	23	24	29	4	2	3	0	38	43
H/TOT	1	0	0	0	0	1	1	54	15	3	8	1	81	94	131	20	4	5	2	162	173
11:00	0	0	0	0	0	0	0	9	2	0	5	0	16	23	26	6	0	1	0	33	34
11:15	0	0	0	0	0	0	0	9	5	0	1	0	15	16	28	7	0	1	0	36	37
11:30	0	0	0	0	0	0	0	11	4	1	0	0	16	17	22	4	0	1	0	27	28
11:45	0	0	0	0	0	0	0	7	2	1	0	0	10	11	24	4	1	2	0	31	34
H/TOT	0	0	0	0	0	0	0	36	13	2	6	0	57	66	100	21	1	5	0	127	134
12:00	0	0	0	0	0	0	0	14	2	0	0	0	16	16	37	5	2	1	0	45	47
12:15	0	0	0	0	0	0	0	15	2	2	5	0	24	32	29	4	3	0	0	36	38
12:30	1	0	0	0	0	1	1	9	4	1	2	0	16	19	25	2	2	0	1	30	32
12:45	0	0	0	0	0	0	0	9	5	0	0	0	14	14	30	4	1	2	1	38	42
H/TOT	1	0	0	0	0	1	1	47	13	3	7	0	70	81	121	15	8	3	2	149	159

RECEIVED: 17/12/2025

TRAFFINOMICS LIMITED

**ROSSMORE QUARRY TRAFFIC COUNTS
MANUAL CLASSIFIED JUNCTION TURNING COUNTS**

**MAY 2025
TRA/25/102**

SITE: 04

DATE: 27th May 2025

LOCATION: L3612/N25 Exit 4 (Westerly Slips) Roundabout

DAY: Tuesday

TIME	MOVEMENT 1							MOVEMENT 2							MOVEMENT 3							TOT	PCU
	CAR	LGV	OGV1	OGV2	BUS	TOT	PCU	CAR	LGV	OGV1	OGV2	BUS	TOT	PCU	CAR	LGV	OGV1	OGV2	BUS	TOT	PCU		
13:00	0	0	0	0	0	0	0	15	4	1	6	0	26	34	45	3	2	1	0	51	53		
13:15	0	0	0	0	0	0	0	12	7	0	1	1	21	23	19	4	2	1	1	27	30		
13:30	0	0	0	0	0	0	0	10	3	2	2	0	17	21	42	4	1	1	0	48	50		
13:45	0	0	0	0	0	0	0	5	3	2	0	0	10	11	24	6	1	1	0	32	34		
H/TOT	0	0	0	0	0	0	0	42	17	5	9	1	74	89	130	17	6	4	1	158	167		
14:00	0	0	0	0	0	0	0	12	4	0	4	1	21	27	31	1	0	1	0	33	34		
14:15	0	1	0	0	0	1	1	14	3	1	4	0	22	28	30	7	3	1	1	42	46		
14:30	0	0	0	0	0	0	0	22	4	1	1	0	28	30	32	5	1	0	1	39	41		
14:45	0	0	0	0	0	0	0	12	4	0	2	1	19	23	35	8	3	0	0	46	48		
H/TOT	0	1	0	0	0	1	1	60	15	2	11	2	90	107	128	21	7	2	2	160	168		
15:00	0	1	0	0	0	1	1	13	4	0	1	0	18	19	34	5	6	3	0	48	55		
15:15	0	0	0	0	0	0	0	14	3	1	2	0	20	23	22	6	1	2	0	31	34		
15:30	2	0	0	0	0	2	2	17	5	0	1	0	23	24	48	8	1	0	0	57	58		
15:45	0	0	0	0	0	0	0	17	4	0	0	2	23	25	45	9	1	0	2	57	60		
H/TOT	2	1	0	0	0	3	3	61	16	1	4	2	84	92	149	28	9	5	2	193	206		
16:00	1	0	0	0	0	1	1	17	2	1	0	0	20	21	56	14	3	0	0	73	75		
16:15	1	0	0	0	0	1	1	22	6	1	1	1	31	34	48	11	2	1	1	63	66		
16:30	1	0	0	0	0	1	1	15	4	1	0	0	20	21	67	13	1	1	1	83	86		
16:45	1	0	0	0	0	1	1	17	3	1	2	0	23	26	70	13	1	0	0	84	85		
H/TOT	4	0	0	0	0	4	4	71	15	4	3	1	94	101	241	51	7	2	2	303	311		
17:00	0	0	0	0	0	0	0	23	3	2	1	0	29	31	78	10	1	0	0	89	90		
17:15	0	0	0	0	0	0	0	18	8	0	2	0	28	31	65	16	1	0	0	82	83		
17:30	0	0	0	0	0	0	0	27	2	1	2	0	32	35	57	7	0	0	1	65	66		
17:45	1	0	0	0	0	1	1	13	3	2	1	0	19	21	57	9	0	0	0	66	66		
H/TOT	1	0	0	0	0	1	1	81	16	5	6	0	108	118	257	42	2	0	1	302	304		
18:00	0	0	0	0	0	0	0	22	0	1	0	0	23	24	53	3	0	0	0	56	56		
18:15	0	0	0	0	0	0	0	21	2	0	1	1	25	27	40	6	0	0	1	47	48		
18:30	0	1	0	0	0	1	1	12	1	1	1	0	15	17	32	4	1	0	0	37	38		
18:45	0	0	0	0	0	0	0	7	2	0	0	0	9	9	45	4	3	1	0	53	56		
H/TOT	0	1	0	0	0	1	1	62	5	2	2	1	72	77	170	17	4	1	1	193	197		
P/TOT	11	3	0	0	0	14	14	609	169	38	84	12	912	1052	2110	329	60	44	21	2564	2672		

TRAFFINOMICS LIMITED

**ROSSMORE QUARRY TRAFFIC COUNTS
MANUAL CLASSIFIED JUNCTION TURNING COUNTS**

**MAY 2025
TRA/25/102**

SITE: 04

DATE: 27th May 2025

LOCATION: L3612/N25 Exit 4 (Westerly Slips) Roundabout

DAY: Tuesday

TIME	MOVEMENT 4							MOVEMENT 5							MOVEMENT 6						
	CAR	LGV	OGV1	OGV2	BUS	TOT	PCU	CAR	LGV	OGV1	OGV2	BUS	TOT	PCU	CAR	LGV	OGV1	OGV2	BUS	TOT	PCU
07:00	7	1	0	2	0	10	13	1	0	1	3	0	5	9	0	0	0	0	0	0	0
07:15	4	2	0	2	0	8	11	3	2	0	1	0	6	7	0	0	0	0	0	0	0
07:30	11	0	0	2	0	13	16	4	0	1	3	0	8	12	0	0	0	0	0	0	0
07:45	5	1	0	3	0	9	13	3	0	0	5	2	10	19	0	0	0	0	0	0	0
H/TOT	27	4	0	9	0	40	52	11	2	2	12	2	29	48	0	0	0	0	0	0	0
08:00	4	0	0	3	1	8	13	19	0	1	5	1	26	34	0	0	0	0	0	0	0
08:15	1	1	0	0	0	2	2	7	2	0	5	4	18	29	0	0	0	0	0	0	0
08:30	2	0	0	4	0	6	11	5	1	0	3	0	9	13	0	0	0	0	0	0	0
08:45	8	1	0	2	0	11	14	7	3	2	2	0	14	18	0	0	0	0	0	0	0
H/TOT	15	2	0	9	1	27	40	38	6	3	15	5	67	93	0	0	0	0	0	0	0
09:00	1	1	0	3	0	5	9	4	4	0	1	0	9	10	0	0	0	0	0	0	0
09:15	3	1	1	3	0	8	12	3	1	0	2	0	6	9	0	0	0	0	0	0	0
09:30	2	1	0	0	0	3	3	6	1	1	4	0	12	18	0	0	0	0	0	0	0
09:45	3	2	0	0	0	5	5	9	2	1	2	0	14	17	0	0	0	0	0	0	0
H/TOT	9	5	1	6	0	21	29	22	8	2	9	0	41	54	0	0	0	0	0	0	0
10:00	2	1	0	3	0	6	10	7	1	3	2	1	14	19	0	0	0	0	0	0	0
10:15	5	1	0	2	0	8	11	9	1	2	5	0	17	25	0	0	0	0	0	0	0
10:30	4	0	0	0	0	4	4	7	1	1	3	0	12	16	0	0	0	0	0	0	0
10:45	5	1	0	2	0	8	11	9	1	0	1	0	11	12	0	0	0	0	0	0	0
H/TOT	16	3	0	7	0	26	35	32	4	6	11	1	54	72	0	0	0	0	0	0	0
11:00	1	0	0	2	0	3	6	6	3	0	3	0	12	16	0	0	0	0	0	0	0
11:15	3	1	0	3	1	8	13	8	4	1	4	0	17	23	0	0	0	0	0	0	0
11:30	4	1	0	2	0	7	10	8	3	1	5	0	17	24	0	0	0	0	0	0	0
11:45	6	2	0	0	0	8	8	12	0	0	4	0	16	21	0	0	0	0	0	0	0
H/TOT	14	4	0	7	1	26	36	34	10	2	16	0	62	84	0	0	0	0	0	0	0
12:00	6	1	0	1	0	8	9	22	3	0	4	0	29	34	0	0	0	0	0	0	0
12:15	4	2	0	0	0	6	6	2	1	1	2	0	6	9	0	0	0	0	0	0	0
12:30	2	0	0	1	0	3	4	6	0	2	1	0	9	11	0	0	0	0	0	0	0
12:45	5	1	1	1	0	8	10	11	3	1	1	0	16	18	0	0	0	0	0	0	0
H/TOT	17	4	1	3	0	25	29	41	7	4	8	0	60	72	0	0	0	0	0	0	0

TRAFFINOMICS LIMITED

**ROSSMORE QUARRY TRAFFIC COUNTS
MANUAL CLASSIFIED JUNCTION TURNING COUNTS**

**MAY 2025
TRA/25/102**

SITE: 04

DATE: 27th May 2025

LOCATION: L3612/N25 Exit 4 (Westerly Slips) Roundabout

DAY: Tuesday

TIME	MOVEMENT 4					TOT	PCU	MOVEMENT 5					TOT	PCU	MOVEMENT 6					TOT	PCU
	CAR	LGV	OGV1	OGV2	BUS			CAR	LGV	OGV1	OGV2	BUS			CAR	LGV	OGV1	OGV2	BUS		
13:00	5	2	0	1	0	8	9	7	3	0	0	0	10	10	0	0	0	0	0	0	0
13:15	6	0	0	0	0	6	6	4	3	1	4	0	12	18	0	0	0	0	0	0	0
13:30	2	2	1	1	0	6	8	6	1	1	3	0	11	15	0	0	0	0	0	0	0
13:45	2	2	0	1	0	5	6	11	0	0	3	0	14	18	0	0	0	0	0	0	0
H/TOT	15	6	1	3	0	25	29	28	7	2	10	0	47	61	0	0	0	0	0	0	0
14:00	4	1	0	0	0	5	5	7	1	2	1	0	11	13	0	0	0	0	0	0	0
14:15	4	0	0	2	0	6	9	3	3	1	4	0	11	17	0	0	0	0	0	0	0
14:30	4	0	0	3	1	8	13	5	2	0	2	0	9	12	0	0	0	0	0	0	0
14:45	3	2	0	2	0	7	10	11	0	1	0	1	13	15	0	0	0	0	0	0	0
H/TOT	15	3	0	7	1	26	36	26	6	4	7	1	44	56	0	0	0	0	0	0	0
15:00	8	4	2	1	0	15	17	13	2	3	4	0	22	29	0	0	0	0	0	0	0
15:15	5	1	0	3	0	9	13	12	1	0	0	0	13	13	0	0	0	0	0	0	0
15:30	2	0	4	3	0	9	15	6	0	2	2	0	10	14	0	0	0	0	0	0	0
15:45	2	1	0	3	0	6	10	10	5	0	0	1	16	17	0	0	0	0	0	0	0
H/TOT	17	6	6	10	0	39	55	41	8	5	6	1	61	72	0	0	0	0	0	0	0
16:00	4	0	0	0	0	4	4	12	5	0	0	0	17	17	0	0	0	0	0	0	0
16:15	1	1	0	0	0	2	2	10	3	0	2	0	15	18	0	0	0	0	0	0	0
16:30	4	2	0	0	0	6	6	15	4	0	1	0	20	21	0	0	0	0	0	0	0
16:45	7	1	1	0	0	9	10	4	1	0	0	0	5	5	0	0	0	0	0	0	0
H/TOT	16	4	1	0	0	21	22	41	13	0	3	0	57	61	0	0	0	0	0	0	0
17:00	2	1	0	0	0	3	3	13	2	0	1	1	17	19	0	0	0	0	0	0	0
17:15	2	1	0	1	0	4	5	4	2	0	0	0	6	6	0	0	0	0	0	0	0
17:30	1	1	0	0	0	2	2	13	2	1	0	0	16	17	0	0	0	0	0	0	0
17:45	3	1	0	0	0	4	4	9	3	0	0	0	12	12	0	0	0	0	0	0	0
H/TOT	8	4	0	1	0	13	14	39	9	1	1	1	51	54	0	0	0	0	0	0	0
18:00	3	1	0	0	0	4	4	13	0	1	0	0	14	15	0	0	0	0	0	0	0
18:15	5	0	2	0	0	7	8	6	0	0	0	0	6	6	0	0	0	0	0	0	0
18:30	4	0	0	0	0	4	4	12	0	2	0	0	14	15	0	0	0	0	0	0	0
18:45	3	0	0	0	0	3	3	16	3	0	0	0	19	19	0	0	0	0	0	0	0
H/TOT	15	1	2	0	0	18	19	47	3	3	0	0	53	55	0	0	0	0	0	0	0
P/TOT	184	46	12	62	3	307	397	400	83	34	98	11	626	781	0	0	0	0	0	0	0

ROSSMORE QUARRY TRAFFIC COUNTS
MANUAL CLASSIFIED JUNCTION TURNING COUNTS

MAY 2025
TRA/25/102

SITE: 04

DATE: 27th May 2025

LOCATION: L3612/N25 Exit 4 (Westerly Slips) Roundabout

DAY: Tuesday

TIME	MOVEMENT 7							MOVEMENT 8							MOVEMENT 9						
	CAR	LGV	OGV1	OGV2	BUS	TOT	PCU	CAR	LGV	OGV1	OGV2	BUS	TOT	PCU	CAR	LGV	OGV1	OGV2	BUS	TOT	PCU
07:00	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1
08:15	0	0	0	0	0	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0
08:30	0	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	0	1	0	0	0	1	1	1	0	0	0	0	1	1	1	0	0	0	0	1	1
09:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09:15	0	0	0	0	0	0	0	0	1	0	0	0	1	1	0	1	0	0	0	1	1
09:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	1	0	0	0	1	1	0	1	0	0	0	1	1
10:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1
10:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1
11:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12:30	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TRAFFINOMICS LIMITED

**ROSSMORE QUARRY TRAFFIC COUNTS
MANUAL CLASSIFIED JUNCTION TURNING COUNTS**

**MAY 2025
TRA/25/102**

SITE: 04

DATE: 27th May 2025

LOCATION: L3612/N25 Exit 4 (Westerly Slips) Roundabout

DAY: Tuesday

TIME	MOVEMENT 7							MOVEMENT 8							MOVEMENT 9						
	CAR	LGV	OGV1	OGV2	BUS	TOT	PCU	CAR	LGV	OGV1	OGV2	BUS	TOT	PCU	CAR	LGV	OGV1	OGV2	BUS	TOT	PCU
13:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13:15	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1
14:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1
14:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	2	2
15:00	0	1	0	0	0	1	1	0	0	0	0	0	0	0	0	1	0	0	0	1	1
15:15	1	0	0	0	0	1	1	0	0	0	1	0	1	2	0	0	0	0	0	0	0
15:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1
15:45	0	0	0	0	0	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0
H/TOT	1	1	0	0	0	2	2	1	0	0	1	0	2	3	0	2	0	0	0	2	2
16:00	0	0	0	0	0	0	0	1	0	0	0	0	1	1	1	0	0	0	0	1	1
16:15	0	0	0	0	0	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0
16:30	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16:45	0	0	0	0	0	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0
H/TOT	1	0	0	0	0	1	1	3	0	0	0	0	3	3	1	0	0	0	0	1	1
17:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1
17:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:45	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	1	0	0	0	0	1	1	0	0	0	0	0	0	0	1	0	0	0	0	1	1
18:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P/TOT	6	2	0	0	0	8	8	5	1	0	1	0	7	8	5	4	0	0	0	9	9

TRAFFINOMICS LIMITED

**ROSSMORE QUARRY TRAFFIC COUNTS
MANUAL CLASSIFIED JUNCTION TURNING COUNTS**

**MAY 2025
TRA/25/102**

SITE: 04

DATE: 27th May 2025

LOCATION: L3612/N25 Exit 4 (Westerly Slips) Roundabout

DAY: Tuesday

TIME	MOVEMENT 10							MOVEMENT 11							MOVEMENT 12							TOT	PCU
	CAR	LGV	OGV1	OGV2	BUS	TOT	PCU	CAR	LGV	OGV1	OGV2	BUS	TOT	PCU	CAR	LGV	OGV1	OGV2	BUS	TOT	PCU		
07:00	0	0	0	0	0	0	0	0	1	0	0	0	1	1	31	15	1	1	1	49	52		
07:15	0	1	0	0	0	1	1	2	1	0	4	0	7	12	34	11	1	2	0	48	51		
07:30	0	0	0	0	0	0	0	0	0	0	5	0	5	12	41	4	1	2	2	50	55		
07:45	0	0	0	0	0	0	0	0	0	0	1	0	1	2	65	9	0	4	1	79	85		
H/TOT	0	1	0	0	0	1	1	2	2	0	10	0	14	27	171	39	3	9	4	226	243		
08:00	0	0	0	0	0	0	0	2	0	0	4	0	6	11	67	8	2	1	2	80	84		
08:15	3	1	0	0	0	4	4	0	0	0	2	0	2	5	45	5	1	0	2	53	56		
08:30	1	0	0	0	0	1	1	1	1	0	0	0	2	2	41	3	2	1	0	47	49		
08:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30	7	2	3	0	42	47		
H/TOT	4	1	0	0	0	5	5	3	1	0	6	0	10	18	183	23	7	5	4	222	236		
09:00	0	1	0	0	0	1	1	1	0	0	2	0	3	6	45	4	4	3	1	57	64		
09:15	0	1	0	0	0	1	1	0	0	1	6	0	7	15	26	7	2	4	1	40	47		
09:30	0	0	0	0	0	0	0	1	1	0	1	0	3	4	26	4	2	4	2	38	46		
09:45	0	0	0	0	0	0	0	1	2	0	6	0	9	17	16	6	3	5	0	30	38		
H/TOT	0	2	0	0	0	2	2	3	3	1	15	0	22	42	113	21	11	16	4	165	195		
10:00	0	0	0	0	0	0	0	0	0	1	2	0	3	6	24	11	2	0	0	37	38		
10:15	0	0	0	0	0	0	0	3	0	0	3	0	6	10	22	5	2	5	1	35	44		
10:30	0	0	0	0	0	0	0	1	0	0	1	0	2	3	27	3	1	4	0	35	41		
10:45	1	0	0	0	0	1	1	2	0	1	3	1	7	12	27	3	2	2	1	35	40		
H/TOT	1	0	0	0	0	1	1	6	0	2	9	1	18	32	100	22	7	11	2	142	162		
11:00	0	0	0	0	0	0	0	2	0	1	5	0	8	15	39	5	1	1	0	46	48		
11:15	0	0	0	0	0	0	0	3	0	0	2	0	5	8	27	5	0	5	0	37	44		
11:30	0	0	0	0	0	0	0	0	2	0	5	0	7	14	19	7	3	0	1	30	33		
11:45	1	0	0	0	0	1	1	1	0	0	3	0	4	8	37	8	2	1	0	48	50		
H/TOT	1	0	0	0	0	1	1	6	2	1	15	0	24	44	122	25	6	7	1	161	174		
12:00	0	0	0	0	0	0	0	2	0	0	3	0	5	9	30	8	1	5	2	46	55		
12:15	0	0	0	0	0	0	0	3	0	0	1	0	4	5	37	5	2	1	1	46	49		
12:30	0	0	0	0	0	0	0	1	0	0	2	0	3	6	26	5	2	2	0	35	39		
12:45	0	0	0	0	0	0	0	2	1	0	3	0	6	10	31	5	2	3	1	42	48		
H/TOT	0	0	0	0	0	0	0	8	1	0	9	0	18	30	124	23	7	11	4	169	191		

TRAFFINOMICS LIMITED

**ROSSMORE QUARRY TRAFFIC COUNTS
MANUAL CLASSIFIED JUNCTION TURNING COUNTS**

**MAY 2025
TRA/25/102**

SITE: 04

DATE: 27th May 2025

LOCATION: L3612/N25 Exit 4 (Westerly Slips) Roundabout

DAY: Tuesday

TIME	MOVEMENT 10							MOVEMENT 11							MOVEMENT 12							TOT	PCU
	CAR	LGV	OGV1	OGV2	BUS	TOT	PCU	CAR	LGV	OGV1	OGV2	BUS	TOT	PCU	CAR	LGV	OGV1	OGV2	BUS	TOT	PCU		
13:00	1	0	0	0	0	1	1	1	0	0	0	0	1	1	24	5	2	1	2	34	38		
13:15	0	0	0	0	0	0	0	0	1	1	3	0	5	9	33	3	2	2	2	42	48		
13:30	0	0	0	0	0	0	0	0	1	0	1	0	2	3	40	4	0	2	0	46	49		
13:45	0	0	0	0	0	0	0	2	0	0	5	0	7	14	30	4	1	3	0	38	42		
H/TOT	1	0	0	0	0	1	1	3	2	1	9	0	15	27	127	16	5	8	4	160	177		
14:00	0	1	0	0	0	1	1	4	1	0	3	0	8	12	49	4	1	3	0	57	61		
14:15	0	0	0	0	0	0	0	3	3	1	0	0	7	8	43	5	6	4	1	59	68		
14:30	1	0	0	0	0	1	1	3	1	1	4	0	9	15	33	8	0	4	0	45	50		
14:45	0	2	0	1	0	3	4	1	0	0	1	0	2	3	40	9	1	4	1	55	62		
H/TOT	1	3	0	1	0	5	6	11	5	2	8	0	26	37	165	26	8	15	2	216	242		
15:00	0	1	0	0	0	1	1	1	0	0	2	0	3	6	39	6	2	3	0	50	55		
15:15	0	0	0	0	0	0	0	3	0	0	3	0	6	10	52	7	2	4	1	66	73		
15:30	0	0	0	0	0	0	0	2	1	0	0	0	3	3	28	3	0	7	2	40	51		
15:45	0	0	0	0	0	0	0	1	0	0	3	0	4	8	25	5	0	0	2	32	34		
H/TOT	0	1	0	0	0	1	1	7	1	0	8	0	16	26	144	21	4	14	5	188	213		
16:00	1	0	0	0	0	1	1	5	0	0	3	0	8	12	30	3	2	2	2	39	45		
16:15	0	0	0	0	0	0	0	3	1	0	0	0	4	4	40	9	0	2	1	52	56		
16:30	0	0	0	0	0	0	0	2	1	0	2	0	5	8	40	5	3	2	0	50	54		
16:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35	8	0	1	1	45	47		
H/TOT	1	0	0	0	0	1	1	10	2	0	5	0	17	24	145	25	5	7	4	186	202		
17:00	0	0	0	0	0	0	0	2	0	0	0	0	2	2	31	7	1	0	1	40	42		
17:15	1	0	0	0	0	1	1	2	0	0	0	0	2	2	39	6	0	1	1	47	49		
17:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	38	9	1	0	1	49	51		
17:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	40	7	1	0	1	49	51		
H/TOT	1	0	0	0	0	1	1	4	0	0	0	0	4	4	148	29	3	1	4	185	192		
18:00	0	0	0	0	0	0	0	4	1	0	0	0	5	5	29	4	0	0	0	33	33		
18:15	0	0	0	0	0	0	0	2	0	1	0	0	3	4	29	3	0	0	0	32	32		
18:30	0	0	0	0	0	0	0	1	1	0	0	0	2	2	34	5	2	0	0	41	42		
18:45	0	0	0	0	0	0	0	1	1	0	0	0	2	2	34	1	0	0	0	35	35		
H/TOT	0	0	0	0	0	0	0	8	3	1	0	0	12	13	126	13	2	0	0	141	142		
P/TOT	10	8	0	1	0	19	20	71	22	8	94	1	196	323	1668	283	68	104	38	2161	2368		

TRAFFINOMICS LIMITED

**ROSSMORE QUARRY TRAFFIC COUNTS
MANUAL CLASSIFIED JUNCTION TURNING COUNTS**

**MAY 2025
TRA/25/102**

SITE: 05

DATE: 27th May 2025

LOCATION: R624 Cobh Road/Fota Island Resort/L3619

DAY: Tuesday

TIME	MOVEMENT 1					TOT	PCU	MOVEMENT 2					TOT	PCU	MOVEMENT 3					TOT	PCU
	CAR	LGV	OGV1	OGV2	BUS			CAR	LGV	OGV1	OGV2	BUS			CAR	LGV	OGV1	OGV2	BUS		
07:00	0	0	0	0	0	0	0	53	8	1	0	4	66	71	2	0	1	0	0	3	4
07:15	1	0	0	0	0	1	1	55	15	1	0	2	73	76	4	1	1	0	0	6	7
07:30	0	0	1	2	0	3	6	59	12	4	1	3	79	85	7	1	0	0	0	8	8
07:45	1	1	0	1	0	3	4	59	15	0	2	0	76	79	8	2	0	0	1	11	12
H/TOT	2	1	1	3	0	7	11	226	50	6	3	9	294	310	21	4	2	0	1	28	30
08:00	1	0	0	1	0	2	3	75	15	0	1	1	92	94	17	1	0	0	0	18	18
08:15	4	1	0	1	0	6	7	93	14	2	0	3	112	116	16	0	1	0	0	17	18
08:30	1	0	0	0	0	1	1	95	14	1	1	0	111	113	25	1	0	0	0	26	26
08:45	3	3	1	3	0	10	14	82	16	7	0	4	109	117	31	2	0	0	0	33	33
H/TOT	9	4	1	5	0	19	26	345	59	10	2	8	424	440	89	4	1	0	0	94	95
09:00	3	5	1	2	0	11	14	70	14	2	1	7	94	103	16	5	0	0	0	21	21
09:15	1	2	0	0	0	3	3	72	19	5	1	5	102	111	6	1	0	0	0	7	7
09:30	1	3	1	2	0	7	10	60	13	6	1	10	90	104	8	1	0	0	1	10	11
09:45	1	1	1	2	0	5	8	73	14	5	0	2	94	99	15	1	0	0	0	16	16
H/TOT	6	11	3	6	0	26	35	275	60	18	3	24	380	417	45	8	0	0	1	54	55
10:00	3	2	1	2	0	8	11	76	19	4	2	2	103	110	8	2	0	0	0	10	10
10:15	3	1	0	0	0	4	4	75	14	3	0	2	94	98	8	2	0	0	0	10	10
10:30	3	0	0	0	0	3	3	76	10	2	0	2	90	93	9	0	1	0	0	10	11
10:45	1	0	1	3	0	5	9	87	14	5	0	1	107	111	8	2	0	0	0	10	10
H/TOT	10	3	2	5	0	20	28	314	57	14	2	7	394	411	33	6	1	0	0	40	41
11:00	2	4	0	2	0	8	11	86	22	5	3	2	118	126	15	1	0	0	0	16	16
11:15	2	1	0	5	0	8	15	84	19	2	1	2	108	112	4	0	0	0	0	4	4
11:30	3	0	1	4	0	8	14	84	12	1	2	2	101	106	14	1	0	0	0	15	15
11:45	2	1	0	0	0	3	3	83	16	1	1	1	102	105	15	0	0	0	0	15	15
H/TOT	9	6	1	11	0	27	42	337	69	9	7	7	429	450	48	2	0	0	0	50	50
12:00	4	1	0	3	0	8	12	85	10	6	1	1	103	108	11	3	1	0	0	15	16
12:15	2	2	0	2	0	6	9	103	14	3	0	1	121	124	16	0	0	0	0	16	16
12:30	1	0	0	1	0	2	3	80	13	4	1	3	101	107	10	0	1	0	0	11	12
12:45	3	3	0	1	0	7	8	88	13	3	1	3	108	114	13	2	0	0	0	15	15
H/TOT	10	6	0	7	0	23	32	356	50	16	3	8	433	453	50	5	2	0	0	57	58

TRAFFINOMICS LIMITED

**ROSSMORE QUARRY TRAFFIC COUNTS
MANUAL CLASSIFIED JUNCTION TURNING COUNTS**

**MAY 2025
TRA/25/102**

SITE: 05

DATE: 27th May 2025

LOCATION: R624 Cobh Road/Fota Island Resort/L3619

DAY: Tuesday

TIME	MOVEMENT 1					TOT	PCU	MOVEMENT 2					TOT	PCU	MOVEMENT 3					TOT	PCU
	CAR	LGV	OGV1	OGV2	BUS			CAR	LGV	OGV1	OGV2	BUS			CAR	LGV	OGV1	OGV2	BUS		
13:00	3	0	1	0	0	4	5	100	11	1	1	3	116	121	17	1	0	0	1	19	20
13:15	6	1	0	0	0	7	7	97	17	1	0	3	118	122	23	1	0	0	0	24	24
13:30	1	2	0	1	0	4	5	101	8	2	1	1	113	116	17	2	1	0	0	20	21
13:45	1	0	0	2	0	3	6	90	12	4	0	3	109	114	16	1	0	0	0	17	17
H/TOT	11	3	1	3	0	18	22	388	48	8	2	10	456	473	73	5	1	0	1	80	82
14:00	1	0	0	1	0	2	3	112	17	5	1	2	137	143	7	0	0	0	0	7	7
14:15	4	5	0	1	0	10	11	109	14	6	1	0	130	134	8	2	0	0	0	10	10
14:30	1	0	0	0	0	1	1	103	10	1	0	1	115	117	11	0	0	0	0	11	11
14:45	1	0	0	2	0	3	6	102	7	1	2	1	113	117	24	0	0	0	0	24	24
H/TOT	7	5	0	4	0	16	21	426	48	13	4	4	495	511	50	2	0	0	0	52	52
15:00	2	1	1	1	0	5	7	121	11	4	0	2	138	142	11	0	0	0	0	11	11
15:15	2	0	0	2	0	4	7	124	18	1	0	4	147	152	12	2	0	0	0	14	14
15:30	4	0	0	2	0	6	9	146	11	2	0	3	162	166	18	1	0	0	0	19	19
15:45	1	0	0	0	0	1	1	137	14	1	1	3	156	161	7	1	0	0	0	8	8
H/TOT	9	1	1	5	0	16	23	528	54	8	1	12	603	620	48	4	0	0	0	52	52
16:00	1	0	0	5	0	6	13	153	21	1	0	1	176	178	11	0	0	0	0	11	11
16:15	1	0	0	0	0	1	1	159	23	1	0	4	187	192	5	1	0	0	0	6	6
16:30	4	0	0	0	0	4	4	154	34	1	0	3	192	196	13	0	0	0	0	13	13
16:45	3	0	0	1	0	4	5	173	27	3	2	0	205	209	18	1	0	0	0	19	19
H/TOT	9	0	0	6	0	15	23	639	105	6	2	8	760	774	47	2	0	0	0	49	49
17:00	3	0	0	3	0	6	10	169	22	0	0	1	192	193	14	0	0	0	0	14	14
17:15	0	2	0	1	0	3	4	178	21	0	1	2	202	205	15	0	0	0	0	15	15
17:30	2	0	0	1	0	3	4	160	13	1	1	1	176	179	17	0	0	0	0	17	17
17:45	4	0	0	0	0	4	4	163	24	0	0	1	188	189	20	2	0	0	0	22	22
H/TOT	9	2	0	5	0	16	23	670	80	1	2	5	758	766	66	2	0	0	0	68	68
18:00	3	1	0	0	0	4	4	170	15	2	0	1	188	190	13	2	0	0	0	15	15
18:15	0	0	0	1	0	1	2	160	21	0	0	1	182	183	15	3	0	0	0	18	18
18:30	3	1	0	0	0	4	4	151	10	2	0	1	164	166	13	0	0	0	0	13	13
18:45	2	0	0	0	0	2	2	112	10	1	0	0	123	124	10	1	0	0	0	11	11
H/TOT	8	2	0	1	0	11	12	593	56	5	0	3	657	663	51	6	0	0	0	57	57
P/TOT	99	44	10	61	0	214	298	5097	736	114	31	105	6083	6285	621	50	7	0	3	681	688

TRAFFINOMICS LIMITED

**ROSSMORE QUARRY TRAFFIC COUNTS
MANUAL CLASSIFIED JUNCTION TURNING COUNTS**

**MAY 2025
TRA/25/102**

SITE: 05

DATE: 27th May 2025

LOCATION: R624 Cobh Road/Fota Island Resort/L3619

DAY: Tuesday

TIME	MOVEMENT 4					TOT	PCU	MOVEMENT 5					TOT	PCU	MOVEMENT 6					TOT	PCU
	CAR	LGV	OGV1	OGV2	BUS			CAR	LGV	OGV1	OGV2	BUS			CAR	LGV	OGV1	OGV2	BUS		
07:00	2	3	0	0	0	5	5	0	0	0	0	0	0	0	1	0	2	0	0	3	4
07:15	2	1	0	0	0	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:30	17	1	1	0	0	19	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:45	7	0	0	0	0	7	7	1	0	0	0	0	1	1	2	0	1	0	0	3	4
H/TOT	28	5	1	0	0	34	35	1	0	0	0	0	1	1	3	0	3	0	0	6	8
08:00	14	3	0	0	1	18	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:15	7	1	0	0	0	8	8	0	0	0	0	0	0	0	0	1	0	0	0	1	1
08:30	14	0	0	0	0	14	14	0	0	0	0	0	0	0	3	1	0	0	0	4	4
08:45	12	0	0	0	0	12	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	47	4	0	0	1	52	53	0	0	0	0	0	0	0	3	2	0	0	0	5	5
09:00	13	1	0	0	0	14	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09:15	6	2	0	0	0	8	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09:30	7	1	1	0	0	9	10	0	0	0	0	0	0	0	2	2	0	0	0	4	4
09:45	11	2	0	0	0	13	13	0	0	0	0	0	0	0	2	0	0	0	1	3	4
H/TOT	37	6	1	0	0	44	45	0	0	0	0	0	0	0	4	2	0	0	1	7	8
10:00	7	0	0	0	1	8	9	0	0	0	0	0	0	0	1	0	0	0	0	1	1
10:15	15	1	0	0	0	16	16	1	0	0	0	0	1	1	2	0	0	0	0	2	2
10:30	9	2	0	0	0	11	11	0	0	0	0	0	0	0	3	0	0	0	0	3	3
10:45	9	2	0	0	0	11	11	0	0	0	0	0	0	0	2	1	0	0	0	3	3
H/TOT	40	5	0	0	1	46	47	1	0	0	0	0	1	1	8	1	0	0	0	9	9
11:00	8	1	0	0	0	9	9	0	1	0	0	0	1	1	3	0	0	0	0	3	3
11:15	9	0	1	0	0	10	11	0	0	0	0	0	0	0	3	1	0	0	0	4	4
11:30	11	0	0	0	0	11	11	0	0	0	0	0	0	0	4	0	0	0	0	4	4
11:45	15	0	0	0	0	15	15	0	0	0	0	0	0	0	2	1	0	0	0	3	3
H/TOT	43	1	1	0	0	45	46	0	1	0	0	0	1	1	12	2	0	0	0	14	14
12:00	19	1	0	0	0	20	20	0	0	0	0	0	0	0	3	2	0	0	0	5	5
12:15	41	2	1	0	0	44	45	0	0	0	0	0	0	0	2	0	0	0	0	2	2
12:30	11	1	0	0	0	12	12	0	0	0	0	0	0	0	2	0	0	0	0	2	2
12:45	14	0	1	0	0	15	16	0	0	0	0	0	0	0	1	1	0	0	0	2	2
H/TOT	85	4	2	0	0	91	92	0	0	0	0	0	0	0	8	3	0	0	0	11	11

TRAFFINOMICS LIMITED

**ROSSMORE QUARRY TRAFFIC COUNTS
MANUAL CLASSIFIED JUNCTION TURNING COUNTS**

**MAY 2025
TRA/25/102**

SITE: 05

DATE: 27th May 2025

LOCATION: R624 Cobh Road/Fota Island Resort/L3619

DAY: Tuesday

TIME	MOVEMENT 4					TOT	PCU	MOVEMENT 5					TOT	PCU	MOVEMENT 6					TOT	PCU
	CAR	LGV	OGV1	OGV2	BUS			CAR	LGV	OGV1	OGV2	BUS			CAR	LGV	OGV1	OGV2	BUS		
13:00	11	1	0	0	0	12	12	0	0	0	0	0	0	0	3	0	0	0	0	3	3
13:15	8	0	0	0	0	8	8	0	0	0	0	0	0	0	8	0	0	0	0	8	8
13:30	10	4	1	0	0	15	16	0	0	0	0	0	0	0	1	0	0	0	0	1	1
13:45	16	1	1	0	0	18	19	0	0	0	0	0	0	0	0	1	0	0	0	1	1
H/TOT	45	6	2	0	0	53	54	0	0	0	0	0	0	0	12	1	0	0	0	13	13
14:00	9	1	0	0	1	11	12	0	0	0	0	0	0	0	2	0	0	0	0	2	2
14:15	11	1	0	0	1	13	14	0	0	0	0	0	0	0	4	0	0	0	0	4	4
14:30	18	3	0	0	0	21	21	0	0	0	0	0	0	0	2	0	0	0	1	3	4
14:45	10	1	0	0	0	11	11	0	0	0	0	0	0	0	4	0	0	0	0	4	4
H/TOT	48	6	0	0	2	56	58	0	0	0	0	0	0	0	12	0	0	0	1	13	14
15:00	11	1	0	0	0	12	12	0	0	0	0	0	0	0	4	0	0	0	0	4	4
15:15	11	1	0	0	0	12	12	0	0	0	0	0	0	0	5	0	0	0	0	5	5
15:30	13	0	0	0	0	13	13	0	0	0	0	0	0	0	4	0	0	0	0	4	4
15:45	17	1	0	0	0	18	18	1	0	0	0	0	1	1	0	0	0	0	0	0	0
H/TOT	52	3	0	0	0	55	55	1	0	0	0	0	1	1	13	0	0	0	0	13	13
16:00	17	0	0	0	0	17	17	0	0	0	0	0	0	0	2	0	0	0	0	2	2
16:15	14	1	0	0	0	15	15	1	0	0	0	0	1	1	2	0	0	0	0	2	2
16:30	36	1	0	0	0	37	37	0	0	0	0	0	0	0	5	1	0	0	0	6	6
16:45	14	1	0	0	0	15	15	0	0	0	0	0	0	0	1	0	0	0	0	1	1
H/TOT	81	3	0	0	0	84	84	1	0	0	0	0	1	1	10	1	0	0	0	11	11
17:00	21	2	0	0	0	23	23	0	0	0	0	0	0	0	5	0	0	0	0	5	5
17:15	13	1	0	0	0	14	14	0	0	0	0	0	0	0	3	0	0	0	0	3	3
17:30	18	0	0	0	0	18	18	0	0	0	0	0	0	0	2	0	0	0	0	2	2
17:45	15	3	0	0	0	18	18	0	0	0	0	0	0	0	3	0	0	0	0	3	3
H/TOT	67	6	0	0	0	73	73	0	0	0	0	0	0	0	13	0	0	0	0	13	13
18:00	28	1	0	0	0	29	29	2	0	0	0	0	2	2	3	0	0	0	0	3	3
18:15	13	1	1	0	0	15	16	1	0	0	0	0	1	1	2	1	0	0	0	3	3
18:30	12	1	0	0	0	13	13	0	0	0	0	0	0	0	2	0	0	0	0	2	2
18:45	16	1	0	0	0	17	17	0	0	0	0	0	0	0	3	0	0	0	0	3	3
H/TOT	69	4	1	0	0	74	75	3	0	0	0	0	3	3	10	1	0	0	0	11	11
P/TOT	642	53	8	0	4	707	715	7	1	0	0	0	8	8	108	13	3	0	2	126	130

TRAFFINOMICS LIMITED

**ROSSMORE QUARRY TRAFFIC COUNTS
MANUAL CLASSIFIED JUNCTION TURNING COUNTS**

**MAY 2025
TRA/25/102**

SITE: 05

DATE: 27th May 2025

LOCATION: R624 Cobh Road/Fota Island Resort/L3619

DAY: Tuesday

TIME	MOVEMENT 7					TOT	PCU	MOVEMENT 8					TOT	PCU	MOVEMENT 9					TOT	PCU
	CAR	LGV	OGV1	OGV2	BUS			CAR	LGV	OGV1	OGV2	BUS			CAR	LGV	OGV1	OGV2	BUS		
07:00	1	0	0	0	0	1	1	169	21	1	0	3	194	198	1	0	0	0	0	1	1
07:15	2	0	0	0	0	2	2	184	25	0	0	0	209	209	0	0	0	0	0	0	0
07:30	0	0	0	0	0	0	0	165	38	0	0	4	207	211	1	1	0	0	0	2	2
07:45	7	0	0	0	0	7	7	206	26	2	0	1	235	237	0	1	0	0	0	1	1
H/TOT	10	0	0	0	0	10	10	724	110	3	0	8	845	855	2	2	0	0	0	4	4
08:00	6	2	0	0	1	9	10	210	19	2	1	6	238	246	1	0	0	0	0	1	1
08:15	8	0	0	0	0	8	8	213	21	0	0	4	238	242	0	1	0	0	0	1	1
08:30	2	0	0	0	0	2	2	207	16	5	1	3	232	239	2	0	0	0	0	2	2
08:45	4	0	0	0	0	4	4	168	14	2	0	1	185	187	1	1	0	1	0	3	4
H/TOT	20	2	0	0	1	23	24	798	70	9	2	14	893	914	4	2	0	1	0	7	8
09:00	1	0	0	0	0	1	1	147	14	2	0	1	164	166	0	0	0	0	0	0	0
09:15	1	0	0	0	0	1	1	115	16	2	0	1	134	136	3	1	0	0	0	4	4
09:30	6	0	0	0	0	6	6	95	12	2	1	4	114	120	1	0	0	0	0	1	1
09:45	2	0	0	0	0	2	2	91	10	2	1	1	105	108	2	1	0	0	0	3	3
H/TOT	10	0	0	0	0	10	10	448	52	8	2	7	517	531	6	2	0	0	0	8	8
10:00	3	0	0	0	0	3	3	84	19	5	0	0	108	111	1	1	0	0	0	2	2
10:15	5	1	0	0	0	6	6	97	13	8	0	4	122	130	1	0	0	0	0	1	1
10:30	1	0	0	0	0	1	1	74	14	4	0	0	92	94	2	2	1	0	0	5	6
10:45	3	0	0	0	0	3	3	89	19	2	0	1	111	113	3	0	0	0	0	3	3
H/TOT	12	1	0	0	0	13	13	344	65	19	0	5	433	448	7	3	1	0	0	11	12
11:00	0	0	0	0	0	0	0	88	8	5	0	0	101	104	2	1	0	0	0	3	3
11:15	1	2	0	0	0	3	3	100	25	8	0	5	138	147	1	0	0	0	0	1	1
11:30	0	0	0	0	0	0	0	66	13	3	0	0	82	84	1	0	0	0	0	1	1
11:45	3	0	0	0	0	3	3	65	16	4	1	1	87	91	4	0	0	0	0	4	4
H/TOT	4	2	0	0	0	6	6	319	62	20	1	6	408	425	8	1	0	0	0	9	9
12:00	1	0	0	0	0	1	1	99	17	2	1	0	119	121	0	0	0	0	0	0	0
12:15	1	0	0	0	0	1	1	94	20	3	3	3	123	131	0	0	0	0	0	0	0
12:30	2	0	0	0	1	3	4	88	13	3	1	3	108	114	5	0	1	0	0	6	7
12:45	2	0	0	0	0	2	2	107	14	1	0	3	125	129	3	0	0	0	0	3	3
H/TOT	6	0	0	0	1	7	8	388	64	9	5	9	475	495	8	0	1	0	0	9	10

TRAFFINOMICS LIMITED

**ROSSMORE QUARRY TRAFFIC COUNTS
MANUAL CLASSIFIED JUNCTION TURNING COUNTS**

**MAY 2025
TRA/25/102**

SITE: 05

DATE: 27th May 2025

LOCATION: R624 Cobh Road/Fota Island Resort/L3619

DAY: Tuesday

TIME	MOVEMENT 7					TOT	PCU	MOVEMENT 8					TOT	PCU	MOVEMENT 9					TOT	PCU
	CAR	LGV	OGV1	OGV2	BUS			CAR	LGV	OGV1	OGV2	BUS			CAR	LGV	OGV1	OGV2	BUS		
13:00	2	0	1	0	0	3	4	76	9	2	0	2	89	92	1	1	0	0	0	2	2
13:15	2	0	0	0	1	3	4	117	15	1	0	3	136	140	0	0	0	0	0	0	0
13:30	1	0	0	0	0	1	1	101	14	3	2	1	121	126	2	0	0	0	0	2	2
13:45	1	0	0	0	0	1	1	89	13	4	1	4	111	118	0	1	1	0	0	2	3
H/TOT	6	0	1	0	1	8	10	383	51	10	3	10	457	476	3	2	1	0	0	6	7
14:00	4	0	0	0	0	4	4	107	14	1	1	2	125	129	2	0	0	0	0	2	2
14:15	5	0	0	0	0	5	5	76	16	1	0	6	99	106	2	0	0	0	0	2	2
14:30	3	0	0	0	0	3	3	104	20	5	1	3	133	140	4	1	0	0	0	5	5
14:45	6	0	0	0	0	6	6	121	22	4	1	3	151	157	0	0	0	0	0	0	0
H/TOT	18	0	0	0	0	18	18	408	72	11	3	14	508	531	8	1	0	0	0	9	9
15:00	3	0	0	0	0	3	3	119	13	5	0	3	140	146	3	0	0	0	0	3	3
15:15	3	0	0	0	0	3	3	96	14	5	1	4	120	128	4	0	0	0	0	4	4
15:30	4	0	0	0	0	4	4	94	18	0	0	2	114	116	3	0	0	0	0	3	3
15:45	3	0	0	0	0	3	3	104	17	6	0	4	131	138	1	1	1	0	0	3	4
H/TOT	13	0	0	0	0	13	13	413	62	16	1	13	505	527	11	1	1	0	0	13	14
16:00	6	0	0	0	0	6	6	93	18	2	0	0	113	114	2	1	0	0	0	3	3
16:15	7	0	0	0	0	7	7	114	8	2	1	3	128	133	2	0	0	0	0	2	2
16:30	1	1	0	0	0	2	2	81	15	3	0	1	100	103	3	0	0	0	0	3	3
16:45	6	1	0	0	0	7	7	83	15	2	1	1	102	105	4	0	0	0	0	4	4
H/TOT	20	2	0	0	0	22	22	371	56	9	2	5	443	455	11	1	0	0	0	12	12
17:00	5	1	0	0	0	6	6	100	10	2	0	6	118	125	2	0	0	0	0	2	2
17:15	4	0	0	0	0	4	4	84	10	1	0	1	96	98	1	1	1	0	0	3	4
17:30	2	1	0	0	0	3	3	104	8	3	0	1	116	119	1	0	0	0	0	1	1
17:45	7	0	0	0	0	7	7	98	13	1	0	2	114	117	2	0	0	0	0	2	2
H/TOT	18	2	0	0	0	20	20	386	41	7	0	10	444	458	6	1	1	0	0	8	9
18:00	5	1	1	0	0	7	8	88	13	2	0	1	104	106	0	0	0	0	0	0	0
18:15	2	2	0	0	0	4	4	85	7	0	0	1	93	94	1	0	0	0	0	1	1
18:30	2	0	0	0	0	2	2	97	8	1	0	0	106	107	2	0	1	0	0	3	4
18:45	1	0	0	0	0	1	1	74	4	0	1	2	81	84	2	0	0	1	0	3	4
H/TOT	10	3	1	0	0	14	15	344	32	3	1	4	384	391	5	0	1	1	0	7	9
P/TOT	147	12	2	0	3	164	168	5326	737	124	20	105	6312	6505	79	16	6	2	0	103	109

TRAFFINOMICS LIMITED

**ROSSMORE QUARRY TRAFFIC COUNTS
MANUAL CLASSIFIED JUNCTION TURNING COUNTS**

**MAY 2025
TRA/25/102**

SITE: 05

DATE: 27th May 2025

LOCATION: R624 Cobh Road/Fota Island Resort/L3619

DAY: Tuesday

TIME	MOVEMENT 10							MOVEMENT 11							MOVEMENT 12						
	CAR	LGV	OGV1	OGV2	BUS	TOT	PCU	CAR	LGV	OGV1	OGV2	BUS	TOT	PCU	CAR	LGV	OGV1	OGV2	BUS	TOT	PCU
07:00	2	0	0	0	0	2	2	1	0	0	0	0	1	1	0	0	0	1	0	1	2
07:15	2	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	2	0	2	5
07:30	2	0	0	0	1	3	4	0	0	0	0	0	0	0	0	0	0	1	0	1	2
07:45	0	0	0	1	0	1	2	0	0	0	0	0	0	0	1	1	0	1	0	3	4
H/TOT	6	0	0	1	1	8	10	1	0	0	0	0	1	1	1	1	0	5	0	7	14
08:00	1	0	0	0	0	1	1	1	0	0	0	0	1	1	2	0	0	3	0	5	9
08:15	3	0	0	0	0	3	3	0	0	0	0	0	0	0	1	0	0	4	0	5	10
08:30	7	0	0	0	0	7	7	0	0	0	0	0	0	0	1	0	0	0	0	1	1
08:45	4	0	0	1	0	5	6	0	0	0	0	0	0	0	0	0	0	1	0	1	2
H/TOT	15	0	0	1	0	16	17	1	0	0	0	0	1	1	4	0	0	8	0	12	22
09:00	1	0	0	0	0	1	1	0	0	0	0	0	0	0	2	1	1	2	0	6	9
09:15	1	1	0	0	0	2	2	0	0	0	0	0	0	0	4	0	0	2	0	6	9
09:30	3	1	0	0	0	4	4	0	0	0	0	0	0	0	2	0	0	2	0	4	7
09:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	2
H/TOT	5	2	0	0	0	7	7	0	0	0	0	0	0	0	10	1	1	6	0	18	26
10:00	3	0	0	0	0	3	3	0	0	0	0	0	0	0	2	1	1	3	0	7	11
10:15	2	1	0	0	0	3	3	0	0	0	0	0	0	0	1	4	1	2	0	8	11
10:30	2	0	0	0	0	2	2	0	0	0	0	0	0	0	4	3	0	4	0	11	16
10:45	7	1	0	0	0	8	8	0	0	0	0	0	0	0	2	1	0	1	0	4	5
H/TOT	14	2	0	0	0	16	16	0	0	0	0	0	0	0	9	9	2	10	0	30	44
11:00	1	0	0	0	0	1	1	1	0	0	0	0	1	1	3	1	0	3	0	7	11
11:15	2	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	1	0	0	1	2
11:30	4	3	0	0	0	7	7	0	0	0	0	0	0	0	3	2	1	2	0	8	11
11:45	0	1	0	0	0	1	1	0	0	0	0	0	0	0	1	0	0	1	0	2	3
H/TOT	7	4	0	0	0	11	11	1	0	0	0	0	1	1	7	3	2	6	0	18	27
12:00	4	1	0	0	0	5	5	0	0	0	0	0	0	0	1	1	1	1	0	4	6
12:15	5	0	0	0	0	5	5	0	0	0	0	0	0	0	1	1	0	3	0	5	9
12:30	1	0	0	0	0	1	1	0	0	0	0	0	0	0	3	2	0	4	0	9	14
12:45	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	1	0	1	2
H/TOT	11	1	0	0	0	12	12	0	0	0	0	0	0	0	5	4	1	9	0	19	31

TRAFFINOMICS LIMITED

**ROSSMORE QUARRY TRAFFIC COUNTS
MANUAL CLASSIFIED JUNCTION TURNING COUNTS**

**MAY 2025
TRA/25/102**

SITE: 05

DATE: 27th May 2025

LOCATION: R624 Cobh Road/Fota Island Resort/L3619

DAY: Tuesday

TIME	MOVEMENT 10							MOVEMENT 11							MOVEMENT 12						
	CAR	LGV	OGV1	OGV2	BUS	TOT	PCU	CAR	LGV	OGV1	OGV2	BUS	TOT	PCU	CAR	LGV	OGV1	OGV2	BUS	TOT	PCU
13:00	3	0	0	0	0	3	3	1	0	0	0	0	1	1	6	0	0	2	0	8	11
13:15	6	0	0	1	0	7	8	0	0	0	0	0	0	0	1	1	0	0	0	2	2
13:30	2	0	0	0	0	2	2	1	0	0	0	0	1	1	0	1	0	2	0	3	6
13:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	2	0	2	0	11	14
H/TOT	11	0	0	1	0	12	13	2	0	0	0	0	2	2	14	4	0	6	0	24	32
14:00	1	1	0	0	0	2	2	0	0	0	0	0	0	0	1	5	1	1	0	8	10
14:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	0	4	7
14:30	2	0	0	1	0	3	4	0	0	0	0	0	0	0	2	3	0	1	0	6	7
14:45	4	2	0	0	0	6	6	1	0	0	0	0	1	1	1	1	0	1	0	3	4
H/TOT	7	3	0	1	0	11	12	1	0	0	0	0	1	1	6	9	1	5	0	21	28
15:00	3	0	0	0	0	3	3	1	0	0	0	0	1	1	2	2	1	3	0	8	12
15:15	5	1	0	0	0	6	6	0	0	0	0	0	0	0	1	0	1	1	0	3	5
15:30	5	0	0	0	0	5	5	1	0	0	0	0	1	1	1	2	0	1	0	4	5
15:45	10	0	1	1	0	12	14	0	0	0	0	0	0	0	1	0	0	1	0	2	3
H/TOT	23	1	1	1	0	26	28	2	0	0	0	0	2	2	5	4	2	6	0	17	26
16:00	3	1	0	0	0	4	4	0	0	0	0	0	0	0	1	0	0	1	0	2	3
16:15	6	0	0	0	0	6	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16:30	0	0	0	0	0	0	0	2	0	0	0	0	2	2	1	1	0	0	0	2	2
16:45	8	0	0	0	0	8	8	0	0	0	0	0	0	0	0	2	0	1	0	3	4
H/TOT	17	1	0	0	0	18	18	2	0	0	0	0	2	2	2	3	0	2	0	7	10
17:00	8	1	0	0	0	9	9	1	0	0	0	0	1	1	4	0	1	0	0	5	6
17:15	3	1	0	0	0	4	4	0	0	0	0	0	0	0	3	1	0	0	0	4	4
17:30	8	1	0	0	0	9	9	1	0	0	0	0	1	1	2	1	0	0	0	3	3
17:45	5	0	0	0	0	5	5	0	0	0	0	0	0	0	0	1	0	0	0	1	1
H/TOT	24	3	0	0	0	27	27	2	0	0	0	0	2	2	9	3	1	0	0	13	14
18:00	2	1	0	0	0	3	3	2	0	0	0	0	2	2	1	0	0	1	0	2	3
18:15	2	0	0	0	0	2	2	1	0	0	0	0	1	1	0	0	0	0	0	0	0
18:30	4	1	0	0	0	5	5	1	0	0	0	0	1	1	0	0	0	0	0	0	0
18:45	0	1	0	0	0	1	1	1	0	0	0	0	1	1	2	2	0	0	0	4	4
H/TOT	8	3	0	0	0	11	11	5	0	0	0	0	5	5	3	2	0	1	0	6	7
P/TOT	148	20	1	5	1	175	183	17	0	0	0	0	17	17	75	43	10	64	0	192	280

TRAFFINOMICS LIMITED

**ROSSMORE QUARRY TRAFFIC COUNTS
MANUAL CLASSIFIED JUNCTION TURNING COUNTS**

**MAY 2025
TRA/25/102**

SITE: 06

DATE: 27th May 2025

LOCATION: R624/N25 Exit 3 (Westerly Slips) Roundabout

DAY: Tuesday

TIME	MOVEMENT 1					TOT	PCU	MOVEMENT 2					TOT	PCU	MOVEMENT 3					TOT	PCU
	CAR	LGV	OGV1	OGV2	BUS			CAR	LGV	OGV1	OGV2	BUS			CAR	LGV	OGV1	OGV2	BUS		
07:00	41	6	1	1	0	49	51	26	3	1	0	1	31	33	140	18	1	1	3	163	168
07:15	52	6	1	2	0	61	64	32	5	1	0	2	40	43	140	22	1	2	1	166	170
07:30	57	7	0	1	0	65	66	28	4	0	0	1	33	34	137	28	1	0	3	169	173
07:45	85	12	2	2	0	101	105	34	6	0	0	0	40	40	145	16	2	1	2	166	170
H/TOT	235	31	4	6	0	276	286	120	18	2	0	4	144	149	562	84	5	4	9	664	681
08:00	114	13	2	2	1	132	137	47	6	0	0	0	53	53	122	14	2	3	1	142	148
08:15	100	11	2	1	1	115	118	47	3	2	0	1	53	55	151	14	0	2	6	173	182
08:30	84	9	1	4	0	98	104	42	2	0	0	0	44	44	115	8	5	2	1	131	137
08:45	69	12	2	2	0	85	89	35	6	2	0	1	44	46	117	10	0	0	1	128	129
H/TOT	367	45	7	9	2	430	447	171	17	4	0	2	194	198	505	46	7	7	9	574	596
09:00	48	3	3	2	0	56	60	32	9	1	0	0	42	43	111	10	4	3	1	129	136
09:15	37	10	3	4	0	54	61	22	2	0	0	0	24	24	95	15	2	3	2	117	124
09:30	34	3	3	2	0	42	46	13	2	2	0	3	20	24	69	11	3	2	2	87	93
09:45	19	5	3	4	0	31	38	23	5	1	0	0	29	30	61	7	1	0	0	69	70
H/TOT	138	21	12	12	0	183	205	90	18	4	0	3	115	120	336	43	10	8	5	402	422
10:00	14	6	1	2	0	23	26	19	2	1	0	1	23	25	67	8	8	5	2	90	103
10:15	18	3	0	7	0	28	37	29	4	0	0	0	33	33	86	18	7	2	3	116	125
10:30	23	8	6	2	0	39	45	25	1	1	0	1	28	30	63	9	0	3	0	75	79
10:45	24	9	2	2	0	37	41	24	3	1	1	1	30	33	63	18	2	1	1	85	88
H/TOT	79	26	9	13	0	127	148	97	10	3	1	3	114	120	279	53	17	11	6	366	395
11:00	14	5	1	3	0	23	27	29	6	1	0	0	36	37	57	8	6	3	0	74	81
11:15	26	3	1	3	0	33	37	25	4	0	1	1	31	33	68	15	5	0	2	90	95
11:30	20	7	0	6	0	33	41	26	4	0	0	0	30	30	54	15	4	2	0	75	80
11:45	30	1	1	3	0	35	39	24	2	2	0	0	28	29	46	13	1	2	1	63	67
H/TOT	90	16	3	15	0	124	145	104	16	3	1	1	125	129	225	51	16	7	3	302	322
12:00	25	6	1	3	0	35	39	22	3	2	0	0	27	28	65	13	0	2	0	80	83
12:15	28	5	1	4	0	38	44	24	2	4	0	0	30	32	81	13	3	6	3	106	118
12:30	30	6	1	4	0	41	47	28	2	3	0	1	34	37	64	9	4	3	2	82	90
12:45	24	5	0	1	0	30	31	25	4	0	1	1	31	33	74	6	2	1	3	86	91
H/TOT	107	22	3	12	0	144	161	99	11	9	1	2	122	130	284	41	9	12	8	354	382

TRAFFINOMICS LIMITED

**ROSSMORE QUARRY TRAFFIC COUNTS
MANUAL CLASSIFIED JUNCTION TURNING COUNTS**

**MAY 2025
TRA/25/102**

SITE: 06

DATE: 27th May 2025

LOCATION: R624/N25 Exit 3 (Westerly Slips) Roundabout

DAY: Tuesday

TIME	MOVEMENT 1					TOT	PCU	MOVEMENT 2					TOT	PCU	MOVEMENT 3					TOT	PCU
	CAR	LGV	OGV1	OGV2	BUS			CAR	LGV	OGV1	OGV2	BUS			CAR	LGV	OGV1	OGV2	BUS		
13:00	22	9	1	1	0	33	35	38	4	0	0	1	43	44	63	10	1	4	1	79	86
13:15	24	6	2	2	1	35	40	24	1	0	0	1	26	27	89	10	0	1	4	104	109
13:30	26	1	1	1	0	29	31	34	1	0	1	0	36	37	92	13	4	3	2	114	122
13:45	27	10	1	0	0	38	39	28	5	2	0	2	37	40	62	7	3	1	3	76	82
H/TOT	99	26	5	4	1	135	144	124	11	2	1	4	142	148	306	40	8	9	10	373	399
14:00	25	4	2	2	0	33	37	38	1	1	1	1	42	45	73	12	1	1	2	89	93
14:15	15	1	1	2	0	19	22	33	5	4	0	1	43	46	65	15	2	3	5	90	100
14:30	30	2	1	3	0	36	40	29	4	1	1	0	35	37	83	21	5	1	4	114	122
14:45	27	5	0	2	0	34	37	30	1	1	0	0	32	33	80	20	4	2	2	108	115
H/TOT	97	12	4	9	0	122	136	130	11	7	2	2	152	160	301	68	12	7	13	401	429
15:00	40	5	0	1	2	48	51	26	5	1	0	0	32	33	91	14	4	3	1	113	120
15:15	39	3	3	1	0	46	49	22	2	1	0	0	25	26	58	9	5	1	3	76	83
15:30	39	7	1	3	0	50	54	43	3	2	0	0	48	49	76	15	0	1	2	94	97
15:45	42	8	1	4	0	55	61	34	3	0	1	2	40	43	85	14	6	1	4	110	118
H/TOT	160	23	5	9	2	199	215	125	13	4	1	2	145	150	310	52	15	6	10	393	418
16:00	30	1	2	4	1	38	45	37	4	0	0	0	41	41	93	12	4	1	0	110	113
16:15	30	7	2	2	0	41	45	38	6	2	0	2	48	51	89	7	1	0	3	100	104
16:30	35	10	0	1	0	46	47	43	5	0	0	1	49	50	66	15	2	0	1	84	86
16:45	42	6	1	0	0	49	50	47	8	0	0	0	55	55	66	18	1	2	1	88	92
H/TOT	137	24	5	7	1	174	187	165	23	2	0	3	193	197	314	52	8	3	5	382	395
17:00	40	6	1	0	0	47	48	40	1	1	0	1	43	45	87	11	2	0	5	105	111
17:15	38	7	0	1	0	46	47	40	6	3	1	0	50	53	66	9	1	0	1	77	79
17:30	46	9	1	2	0	58	61	46	8	0	0	0	54	54	71	7	2	0	1	81	83
17:45	42	6	0	1	0	49	50	30	6	0	0	1	37	38	65	9	1	0	1	76	78
H/TOT	166	28	2	4	0	200	206	156	21	4	1	2	184	189	289	36	6	0	8	339	350
18:00	43	3	0	2	0	48	51	42	8	0	0	0	50	50	68	7	1	1	1	78	81
18:15	45	6	1	0	0	52	53	32	5	0	0	1	38	39	53	6	1	0	1	61	63
18:30	33	2	0	0	0	35	35	24	2	0	0	0	26	26	60	4	0	0	0	64	64
18:45	28	3	2	0	0	33	34	27	0	0	0	0	27	27	55	1	0	0	1	57	58
H/TOT	149	14	3	2	0	168	172	125	15	0	0	1	141	142	236	18	2	1	3	260	265
P/TOT	1824	288	62	102	6	2282	2452	1506	184	44	8	29	1771	1832	3947	584	115	75	89	4810	5054

TRAFFINOMICS LIMITED

**ROSSMORE QUARRY TRAFFIC COUNTS
MANUAL CLASSIFIED JUNCTION TURNING COUNTS**

**MAY 2025
TRA/25/102**

SITE: 06

DATE: 27th May 2025

LOCATION: R624/N25 Exit 3 (Westerly Slips) Roundabout

DAY: Tuesday

TIME	MOVEMENT 4							MOVEMENT 5							MOVEMENT 6							TOT	PCU
	CAR	LGV	OGV1	OGV2	BUS	TOT	PCU	CAR	LGV	OGV1	OGV2	BUS	TOT	PCU	CAR	LGV	OGV1	OGV2	BUS	TOT	PCU		
07:00	45	7	0	0	3	55	58	71	9	1	0	6	87	94	106	22	2	1	0	131	133		
07:15	54	9	1	0	4	68	73	63	13	2	0	4	82	87	57	6	5	6	0	74	84		
07:30	62	5	1	0	5	73	79	73	22	5	4	6	110	124	54	9	9	8	0	80	95		
07:45	73	11	1	1	2	88	92	91	21	2	2	4	120	128	45	11	3	10	1	70	86		
H/TOT	234	32	3	1	14	284	301	298	65	10	6	20	399	432	262	48	19	25	1	355	398		
08:00	95	11	2	1	7	116	125	79	16	1	2	4	102	109	75	4	2	3	1	85	91		
08:15	77	10	0	1	4	92	97	88	13	0	1	4	106	111	50	16	3	4	1	74	82		
08:30	84	10	2	0	4	100	105	103	20	6	3	4	136	147	62	11	3	3	1	80	86		
08:45	67	5	1	0	3	76	80	69	16	5	4	5	99	112	44	7	2	1	0	54	56		
H/TOT	323	36	5	2	18	384	407	339	65	12	10	17	443	479	231	38	10	11	3	293	315		
09:00	65	8	0	0	3	76	79	78	14	6	3	8	109	124	49	4	2	5	2	62	72		
09:15	32	4	1	0	1	38	40	52	12	4	0	5	73	80	42	10	4	2	1	59	65		
09:30	36	7	2	4	4	53	63	59	20	10	2	12	103	123	33	12	2	2	3	52	59		
09:45	45	9	1	0	1	56	58	68	18	5	3	3	97	106	29	10	3	2	0	44	48		
H/TOT	178	28	4	4	9	223	239	257	64	25	8	28	382	433	153	36	11	11	6	217	243		
10:00	28	9	2	0	1	40	42	60	21	3	4	2	90	99	35	14	5	2	0	56	61		
10:15	34	8	2	0	3	47	51	67	18	5	1	2	93	99	38	18	4	5	0	65	74		
10:30	26	8	5	1	1	41	46	70	11	4	1	3	89	95	30	12	5	1	0	48	52		
10:45	44	4	1	0	1	50	52	92	15	5	5	2	119	130	27	12	6	4	0	49	57		
H/TOT	132	29	10	1	6	178	190	289	65	17	11	9	391	423	130	56	20	12	0	218	244		
11:00	40	5	1	0	1	47	49	84	20	3	5	5	117	130	35	15	2	4	0	56	62		
11:15	33	7	3	1	4	48	55	70	18	4	6	2	100	112	37	10	12	8	0	67	83		
11:30	44	11	3	2	3	63	70	70	10	2	5	5	92	105	32	8	1	2	0	43	46		
11:45	40	6	4	1	1	52	56	85	16	2	1	3	107	112	40	14	4	3	3	64	73		
H/TOT	157	29	11	4	9	210	230	309	64	11	17	15	416	459	144	47	19	17	3	230	265		
12:00	42	10	3	1	2	58	63	91	13	9	3	3	119	130	40	11	3	4	0	58	65		
12:15	55	8	2	1	3	69	74	115	17	1	1	3	137	142	62	15	3	4	2	86	95		
12:30	36	8	3	2	2	51	57	66	10	4	3	3	86	95	44	11	3	2	2	62	68		
12:45	56	5	4	1	3	69	75	78	16	3	4	3	104	114	41	14	3	3	1	62	68		
H/TOT	189	31	12	5	10	247	270	350	56	17	11	12	446	481	187	51	12	13	5	268	296		

TRAFFINOMICS LIMITED

**ROSSMORE QUARRY TRAFFIC COUNTS
MANUAL CLASSIFIED JUNCTION TURNING COUNTS**

**MAY 2025
TRA/25/102**

SITE: 06

DATE: 27th May 2025

LOCATION: R624/N25 Exit 3 (Westerly Slips) Roundabout

DAY: Tuesday

TIME	MOVEMENT 4							MOVEMENT 5							MOVEMENT 6							TOT	PCU
	CAR	LGV	OGV1	OGV2	BUS	TOT	PCU	CAR	LGV	OGV1	OGV2	BUS	TOT	PCU	CAR	LGV	OGV1	OGV2	BUS	TOT	PCU		
13:00	41	6	0	1	2	50	53	102	5	1	4	2	114	122	59	10	0	2	0	71	74		
13:15	62	5	1	0	1	69	71	88	16	1	0	3	108	112	36	9	1	1	1	48	51		
13:30	45	10	1	1	1	58	61	113	13	3	2	3	134	141	49	8	2	1	0	60	62		
13:45	38	10	2	2	2	54	60	100	13	4	2	2	121	128	43	12	2	2	0	59	63		
H/TOT	186	31	4	4	6	231	244	403	47	9	8	10	477	502	187	39	5	6	1	238	249		
14:00	54	14	1	2	4	75	82	92	17	5	1	3	118	125	61	9	3	3	2	78	85		
14:15	39	5	0	0	3	47	50	105	20	3	2	2	132	138	53	7	1	4	1	66	73		
14:30	57	12	1	1	3	74	79	99	8	2	1	4	114	120	65	8	4	6	1	84	95		
14:45	72	6	1	0	2	81	84	119	6	1	4	2	132	140	55	9	2	0	1	67	69		
H/TOT	222	37	3	3	12	277	294	415	51	11	8	11	496	523	234	33	10	13	5	295	322		
15:00	56	9	3	0	5	73	80	111	8	6	0	4	129	136	71	10	2	3	0	86	91		
15:15	56	7	2	2	4	71	79	118	22	3	2	6	151	161	53	13	4	1	2	73	78		
15:30	68	3	0	1	2	74	77	141	16	2	2	7	168	179	92	7	2	2	1	104	109		
15:45	75	13	1	0	4	93	98	136	15	1	1	6	159	167	88	16	4	1	0	109	112		
H/TOT	255	32	6	3	15	311	333	506	61	12	5	23	607	643	304	46	12	7	3	372	390		
16:00	64	12	0	0	5	81	86	143	19	3	5	5	175	188	97	17	1	3	2	120	126		
16:15	64	5	2	1	3	75	80	148	17	1	0	6	172	179	87	8	2	1	0	98	100		
16:30	74	8	2	0	3	87	91	149	30	2	0	5	186	192	97	14	0	1	1	113	115		
16:45	61	16	2	0	3	82	86	165	20	2	3	3	193	201	92	3	1	1	0	97	99		
H/TOT	263	41	6	1	14	325	343	605	86	8	8	19	726	759	373	42	4	6	3	428	441		
17:00	79	10	2	0	4	95	100	176	19	1	3	5	204	213	85	14	0	1	1	101	103		
17:15	68	8	0	1	3	80	84	181	17	0	1	6	205	212	81	7	4	0	0	92	94		
17:30	71	7	1	0	5	84	90	176	6	0	2	5	189	197	96	9	1	2	0	108	111		
17:45	61	12	0	0	4	77	81	188	25	0	2	3	218	224	92	6	0	0	1	99	100		
H/TOT	279	37	3	1	16	336	355	721	67	1	8	19	816	846	354	36	5	3	2	400	408		
18:00	63	6	2	0	3	74	78	168	10	2	0	5	185	191	97	9	1	0	0	107	108		
18:15	52	4	0	0	1	57	58	174	20	0	1	1	196	198	86	4	0	1	2	93	96		
18:30	53	5	2	0	1	61	63	150	7	2	1	2	162	166	95	2	0	1	0	98	99		
18:45	44	4	0	2	1	51	55	103	10	2	0	0	115	116	58	5	0	1	0	64	65		
H/TOT	212	19	4	2	6	243	254	595	47	6	2	8	658	672	336	20	1	3	2	362	368		
P/TOT	2630	382	71	31	135	3249	3460	5087	738	139	102	191	6257	6650	2895	492	128	127	34	3676	3939		

TRAFFINOMICS LIMITED

**ROSSMORE QUARRY TRAFFIC COUNTS
MANUAL CLASSIFIED JUNCTION TURNING COUNTS**

**MAY 2025
TRA/25/102**

SITE: 07

DATE: 27th May 2025

LOCATION: L7645/Rossmore Quarry Access

DAY: Tuesday

TIME	MOVEMENT 1							MOVEMENT 2							MOVEMENT 3						
	CAR	LGV	OGV1	OGV2	BUS	TOT	PCU	CAR	LGV	OGV1	OGV2	BUS	TOT	PCU	CAR	LGV	OGV1	OGV2	BUS	TOT	PCU
07:00	0	0	0	0	0	0	0	1	2	1	1	0	5	7	1	0	0	4	0	5	10
07:15	0	0	0	0	0	0	0	1	1	0	6	0	8	16	0	0	0	4	0	4	9
07:30	0	0	0	0	0	0	0	0	0	0	9	0	9	21	0	0	1	6	0	7	15
07:45	3	2	0	0	0	5	5	1	0	0	6	0	7	15	0	0	0	5	0	5	12
H/TOT	3	2	0	0	0	5	5	3	3	1	22	0	29	58	1	0	1	19	0	21	46
08:00	1	0	0	0	0	1	1	0	0	0	3	0	3	7	0	0	0	8	0	8	18
08:15	0	0	0	0	0	0	0	0	0	1	4	0	5	11	0	0	0	7	0	7	16
08:30	0	0	0	0	0	0	0	0	1	0	2	0	3	6	0	1	0	4	0	5	10
08:45	1	1	1	0	0	3	4	0	0	0	3	0	3	7	1	1	1	2	0	5	8
H/TOT	2	1	1	0	0	4	5	0	1	1	12	0	14	30	1	2	1	21	0	25	53
09:00	0	1	0	0	0	1	1	3	0	0	4	0	7	12	1	0	0	4	0	5	10
09:15	0	0	1	0	0	1	2	0	0	1	5	0	6	13	0	0	0	4	0	4	9
09:30	2	0	0	0	0	2	2	2	0	1	3	0	6	10	0	0	1	6	0	7	15
09:45	1	2	0	0	0	3	3	1	0	1	6	0	8	16	2	0	1	2	0	5	8
H/TOT	3	3	1	0	0	7	8	6	0	3	18	0	27	52	3	0	2	16	0	21	43
10:00	0	1	0	1	0	2	3	1	0	1	4	0	6	12	0	1	2	5	0	8	16
10:15	2	0	0	0	0	2	2	1	0	1	4	0	6	12	0	0	0	6	0	6	14
10:30	2	1	0	0	0	3	3	1	0	0	5	0	6	13	4	0	0	3	0	7	11
10:45	2	2	1	0	0	5	6	1	1	0	2	0	4	7	0	0	0	4	0	4	9
H/TOT	6	4	1	1	0	12	14	4	1	2	15	0	22	43	4	1	2	18	0	25	49
11:00	3	1	0	1	0	5	6	1	0	1	10	0	12	26	0	2	0	4	0	6	11
11:15	1	1	0	0	0	2	2	2	1	0	2	0	5	8	0	0	2	6	0	8	17
11:30	4	0	0	0	0	4	4	1	1	0	3	0	5	9	0	1	0	5	0	6	13
11:45	1	1	0	0	0	2	2	0	1	0	3	0	4	8	2	1	0	2	0	5	8
H/TOT	9	3	0	1	0	13	14	4	3	1	18	0	26	50	2	4	2	17	0	25	48
12:00	5	1	1	0	0	7	8	0	2	1	3	0	6	10	0	0	1	5	0	6	13
12:15	1	0	0	0	0	1	1	0	0	2	3	0	5	10	0	0	0	3	0	3	7
12:30	1	1	0	0	0	2	2	0	0	0	6	0	6	14	0	0	1	0	0	1	2
12:45	0	0	0	0	0	0	0	1	0	0	2	0	3	6	0	0	1	2	0	3	6
H/TOT	7	2	1	0	0	10	11	1	2	3	14	0	20	40	0	0	3	10	0	13	28

TRAFFINOMICS LIMITED

**ROSSMORE QUARRY TRAFFIC COUNTS
MANUAL CLASSIFIED JUNCTION TURNING COUNTS**

**MAY 2025
TRA/25/102**

SITE: 07

DATE: 27th May 2025

LOCATION: L7645/Rossmore Quarry Access

DAY: Tuesday

TIME	MOVEMENT 1							MOVEMENT 2							MOVEMENT 3						
	CAR	LGV	OGV1	OGV2	BUS	TOT	PCU	CAR	LGV	OGV1	OGV2	BUS	TOT	PCU	CAR	LGV	OGV1	OGV2	BUS	TOT	PCU
13:00	2	1	1	0	0	4	5	0	0	2	4	0	6	12	1	0	1	1	0	3	5
13:15	2	0	0	1	0	3	4	0	0	1	3	0	4	8	0	0	1	7	0	8	18
13:30	1	0	0	0	0	1	1	1	1	0	2	0	4	7	1	1	1	3	0	6	10
13:45	2	0	0	0	0	2	2	0	1	1	4	0	6	12	0	0	0	2	0	2	5
H/TOT	7	1	1	1	0	10	12	1	2	4	13	0	20	39	2	1	3	13	0	19	37
14:00	4	0	0	0	0	4	4	1	0	0	7	0	8	17	3	2	1	2	0	8	11
14:15	3	0	0	0	0	3	3	1	2	1	2	0	6	9	0	0	0	6	0	6	14
14:30	3	1	0	0	0	4	4	2	0	0	3	0	5	9	2	0	1	4	0	7	13
14:45	3	1	0	0	0	4	4	0	0	0	4	0	4	9	2	1	0	4	0	7	12
H/TOT	13	2	0	0	0	15	15	4	2	1	16	0	23	44	7	3	2	16	0	28	50
15:00	2	0	0	0	0	2	2	0	0	0	1	0	1	2	0	0	0	4	0	4	9
15:15	4	0	0	0	0	4	4	0	0	0	7	0	7	16	0	0	0	4	0	4	9
15:30	3	2	0	0	0	5	5	1	0	0	0	0	1	1	0	0	0	4	0	4	9
15:45	1	0	0	0	0	1	1	0	0	0	1	0	1	2	0	0	0	3	0	3	7
H/TOT	10	2	0	0	0	12	12	1	0	0	9	0	10	22	0	0	0	15	0	15	35
16:00	2	0	0	0	0	2	2	0	0	0	3	0	3	7	0	0	0	2	0	2	5
16:15	2	1	0	0	0	3	3	0	0	0	1	0	1	2	0	0	0	2	0	2	5
16:30	1	0	0	0	0	1	1	1	0	0	3	0	4	8	2	2	0	1	0	5	6
16:45	2	0	0	0	0	2	2	0	0	0	0	0	0	0	1	1	0	3	0	5	9
H/TOT	7	1	0	0	0	8	8	1	0	0	7	0	8	17	3	3	0	8	0	14	24
17:00	1	0	0	0	0	1	1	0	0	0	1	0	1	2	0	0	0	0	0	0	0
17:15	1	1	0	0	0	2	2	0	0	0	1	0	1	2	0	0	0	0	0	0	0
17:30	0	0	0	0	0	0	0	1	0	0	2	0	3	6	1	1	0	1	0	3	4
17:45	0	0	0	0	0	0	0	0	0	0	1	0	1	2	3	0	0	1	0	4	5
H/TOT	2	1	0	0	0	3	3	1	0	0	5	0	6	13	4	1	0	2	0	7	10
18:00	0	0	0	0	0	0	0	1	0	0	0	0	1	1	0	0	2	0	0	2	3
18:15	1	0	0	0	0	1	1	1	0	0	1	0	2	3	1	0	0	1	0	2	3
18:30	0	0	0	0	0	0	0	0	0	0	1	0	1	2	1	0	0	0	0	1	1
18:45	0	0	0	0	0	0	0	1	1	0	0	0	2	2	0	0	0	0	0	0	0
H/TOT	1	0	0	0	0	1	1	3	1	0	2	0	6	9	2	0	2	1	0	5	7
P/TOT	70	22	5	3	0	100	106	29	15	16	151	0	211	415	29	15	18	156	0	218	430

TRAFFINOMICS LIMITED

**ROSSMORE QUARRY TRAFFIC COUNTS
MANUAL CLASSIFIED JUNCTION TURNING COUNTS**

**MAY 2025
TRA/25/102**

SITE: 07

DATE: 27th May 2025

LOCATION: L7645/Rossmore Quarry Access

DAY: Tuesday

TIME	MOVEMENT 4							MOVEMENT 5							MOVEMENT 6						
	CAR	LGV	OGV1	OGV2	BUS	TOT	PCU	CAR	LGV	OGV1	OGV2	BUS	TOT	PCU	CAR	LGV	OGV1	OGV2	BUS	TOT	PCU
07:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1
08:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1
09:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	2	2
09:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	2
09:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0	3	4
09:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1
H/TOT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	1	1	0	7	9
10:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	1	0	3	4
10:30	1	0	0	0	0	1	1	1	0	0	0	0	1	1	2	0	0	0	0	2	2
10:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	0	0	0	6	6
H/TOT	1	0	0	0	0	1	1	1	0	0	0	0	1	1	5	5	0	1	0	11	12
11:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	2	2
11:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	1	0	4	5
11:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	1	0	0	0	4	4
11:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	2	3
H/TOT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	2	0	2	0	12	15
12:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	2	0	0	0	6	6
12:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	1	0	0	0	5	5
12:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	3	5
H/TOT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	4	1	1	0	14	16

RECEIVED: 17/12/2025

TRAFFINOMICS LIMITED

**ROSSMORE QUARRY TRAFFIC COUNTS
MANUAL CLASSIFIED JUNCTION TURNING COUNTS**

**MAY 2025
TRA/25/102**

SITE: 07

DATE: 27th May 2025

LOCATION: L7645/Rossmore Quarry Access

DAY: Tuesday

TIME	MOVEMENT 4							MOVEMENT 5							MOVEMENT 6							TOT	PCU
	CAR	LGV	OGV1	OGV2	BUS	TOT	PCU	CAR	LGV	OGV1	OGV2	BUS	TOT	PCU	CAR	LGV	OGV1	OGV2	BUS	TOT	PCU		
13:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	2	2		
13:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
13:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
13:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	1	0	0	0	5	5		
H/TOT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	2	0	0	0	7	7		
14:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	2		
14:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	3	3		
14:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	1	0	5	6		
14:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	2	0	0	0	7	7		
H/TOT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	5	0	1	0	17	18		
15:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	0	0	3	3		
15:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	4	4		
15:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	1	0	5	6		
15:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	3	3		
H/TOT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	3	0	1	0	15	16		
16:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	0	4	4		
16:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1		
16:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	1	0	0	0	4	4		
16:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1		
H/TOT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	4	0	0	0	10	10		
17:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	1	0	0	0	4	4		
17:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1		
17:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
17:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
H/TOT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	2	0	0	0	5	5		
18:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	2		
18:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
18:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	2	2		
18:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
H/TOT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	1	0	0	0	4	4		
P/TOT	1	0	0	0	0	1	1	1	0	0	0	0	1	1	63	31	2	7	0	103	113		

RECEIVED: 17/12/2025

Appendix 14-C: – Estimated AADTs

RECEIVED: 17/12/2025

Table 1: Estimated AADTs at Site 1 - (Quarry Access Roads Crossroads)

Hour Ending	L3619 West	L7645	L3619 East	Quarry Access Road
08:00	19	93	64	52
09:00	23	104	87	42
10:00	26	100	67	63
11:00	33	108	71	70
12:00	29	101	60	76
13:00	26	84	62	56
14:00	33	105	81	57
15:00	32	109	78	83
16:00	40	98	85	53
17:00	33	106	107	38
18:00	30	91	105	20
19:00	20	53	57	16
Period Total	344	1,152	924	626
Period Total HGVs	70	382	113	355
% HGVs	20.35%	33.16%	12.23%	56.71%
Total AADT	372	1,244	998	676

Table 2: Estimated AADTs at Site 2 – (L3619 Junction)

Hour Ending	Father O'Keefe Terrace	L3619 East	L3619 West
08:00	12	22	34
09:00	33	25	54
10:00	29	30	55
11:00	29	38	55
12:00	26	31	51
13:00	25	26	45
14:00	16	37	51
15:00	19	30	41
16:00	42	39	71
17:00	34	37	61
18:00	39	33	58
19:00	27	27	38
Period Total	331	375	614
Period Total HGVs	39	70	103
% HGVs	11.78%	18.67%	16.78%
Total AADT	358	405	663

Table 3: Estimated AADTs at Site 3 - (L3612 Junction)

Hour Ending	L3612	L7645	Father O'Keefe Terrace
08:00	124	95	35
09:00	136	105	37
10:00	135	107	32
11:00	148	109	41
12:00	133	108	29
13:00	119	91	30
14:00	129	105	26
15:00	157	130	29
16:00	173	126	49
17:00	161	113	50
18:00	137	101	40
19:00	111	81	30
Period Total	1,663	1,271	428
Period Total HGVs	413	386	39
% HGVs	24.83%	30.37%	9.11%
Total AADT	1,796	1,373	463

Table 4: Estimated AADTs at Site 4 – (N25 Junction)

Hour Ending	N25 On Slip	N25 Overbridge	N25 Off Slip	L3612
08:00	618	241	125	362
09:00	679	237	184	344
10:00	456	189	158	201
11:00	441	161	182	188
12:00	407	186	170	153
13:00	449	187	174	174
14:00	439	176	162	183
15:00	513	247	194	186
16:00	531	205	208	234
17:00	645	204	198	327
18:00	648	190	179	315
19:00	460	153	156	211
Period Total	6,286	2,376	2,090	2,878
Period Total HGVs	612	314	459	203
% HGVs	9.74%	13.22%	21.96%	7.05%
Total AADT	6,787	2,566	2,257	3,107

Table 5: Estimated AADTs at Site 5 – (R624 Junction)

Hour Ending	R624 North	L3619	R624 South	Fota Island Golf Club
08:00	1215	28	1167	80
09:00	1494	55	1368	175
10:00	1039	59	929	115
11:00	963	78	876	109
12:00	977	67	877	117
13:00	1098	63	947	166
14:00	1088	62	952	156
15:00	1148	58	1054	140
16:00	1248	75	1173	136
17:00	1358	55	1266	169
18:00	1372	66	1270	176
19:00	1189	43	1084	164
Period Total	14,189	709	12,963	1,703
Period Total HGVs	666	160	524	32
% HGVs	4.69%	22.57%	4.04%	1.88%
Total AADT	15,318	766	13,995	1,839

Table 6: Estimated AADTs at Site 6 – (R624 Roundabout)

Hour Ending	N25 On Slip/Off Slip	N25 Overbridge	R624
08:00	1439	1314	1491
09:00	1491	1550	1595
10:00	917	1005	1122
11:00	825	914	1049
12:00	781	980	1053
13:00	888	1105	1169
14:00	888	1081	1223
15:00	970	1190	1326
16:00	1109	1489	1456
17:00	1177	1653	1626
18:00	1123	1752	1675
19:00	931	1431	1302
Period Total	12,539	15,464	16,087
Period Total HGVs	819	1,128	1,029
% HGVs	6.53%	7.29%	6.40%
Total AADT	13,537	16,695	17,367

Table 7: Estimated AADTs at Site 7 – (Unnamed Road / Rossmore Quarry Access Junction)

Hour Ending	Quarry Access Road South	Rossmore Quarry Access	Quarry Access Road North
08:00	5	50	55
09:00	5	39	44
10:00	14	48	62
11:00	25	49	70
12:00	25	51	76
13:00	24	33	57
14:00	17	39	56
15:00	32	51	83
16:00	27	25	52
17:00	18	22	40
18:00	8	13	21
19:00	5	11	16
Period Total	205	431	632
Period Total HGVs	17	341	358
% HGVs	8.29%	79.12%	56.65%
Total AADT	222	466	683

Appendix 14-D – Junctions 9 Outputs

(Refer to separate digital EIAR Chapter 14 for details)

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