

**Waterloo Park – Elettra Avenue,
Waterlooville**
(Outline Application 2024)

Transport Assessment

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(Outline Application 2024)

Transport Assessment

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SKP/23520-01 Rev B

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1.0 INTRODUCTION

- 1.1 David Tucker Associates (DTA) has been commissioned by Hargreaves Properties Limited to prepare a Transport Assessment (TA) to support an outline application for mixed commercial use development on the former BAE site, Elettra Avenue, Waterlooville, hereafter referred to as Waterloo Park. The proposed site location is shown in **Appendix A**.
- 1.2 Waterloo Park comprises an existing Lidl and McDonalds, together with an existing outline consent for development (APP/18/01072) comprising former B1(c), B2, B8 and B8 Trade Counter use; class A1 Retail; classes A3/A5 Drink/Food Establishments; and class D2 Leisure.
- 1.3 The existing outline comprises conditions which allow:
- Not more than 19105sqm development floor area, of which,
 - not more than 2787sqm B8 trade counter
 - not more than 4,334sqm of A1, A3, A5 and D2 uses, where the A1 does not include food retail.
- 1.4 The outline application was supported by a TA and a Travel Plan, and during the consultation period, a series of Technical Notes were submitted with agreement reached with the highway authority Hampshire County Council (HCC) on all matters.
- 1.5 This agreement was based upon an agreed forecast traffic pattern and an agreed mitigation strategy.
- 1.6 On transport matters the S106 obligations comprise:
- Contribution of £60,000 towards highway works at the Hambledon Road/Elettra Avenue roundabout.
 - Contribution of £150,000 towards a toucan crossing on Hambledon Road (which has since been constructed).
 - Commitment to establishing localised S278 pedestrian/cyclist connectivity (and servicing) from the site onto the adjacent highway as part of subsequent Reserved Matters applications.



- Commitment to detailing of cycle link connectivity from Waterloo Park into Hambledon Road (in the vicinity of McDonalds).
 - Travel Plan commitments.
- 1.7 Part of the land covered by the outline consent also benefits from a full planning consent (APP/21/00399) to develop the north west corner of the land defined by the outline application site. This comprises:
- 1908sqm floor area of food retail (class E(a));
 - 500sqm floor area of drive thru/restaurants (in two units), Class E(b)/sui generis.
- 1.8 This complies with the historic A class floor area constraints set by the outline consent, with a total of 2,408sqm floor area, hence within the maximum of 4,334sqm fixed by the outline but varies the use of the A1 element from non-food to food retail.
- 1.9 The full application was supported by a TA and a Travel Plan, and during the consultation period, a series of Technical Notes were submitted with agreement reached with HCC on all matters. The full application TA presented traffic forecasts which combined the full application elements and the residual elements from the outline consent.
- 1.10 On transport matters, the agreed obligations relating to the full consent comprise:
- Contribution of £60,000 towards highway works at the Hambledon Road / Elettra Avenue roundabout.
 - Contribution of £150,000 towards a toucan crossing on Hambledon Road (which has since been constructed).
 - Details of access to the full application site by all modes of transport.
 - Vehicular access from Elettra Avenue, with localised road markings and kerb revisions.
 - Pedestrian and cyclist crossing enhancements at the Elettra Avenue roundabout.



- Cycle enhancement (not on the public highway) to the south of the McDonalds outlet within Waterloo Park delivering connectivity to Hambledon Road. The works adapt a footway to a footway / cycleway.
 - A Framework Travel Plan.
- 1.11 Since the site already benefits from planning consent, the principle of mixed use commercial development is already established, as are the sustainable transport credentials of the site's location. This TA focuses upon the forecast trip pattern of the proposal compared against the outline application, and the impact that arises.
- 1.12 The latest application is made in outline, and reflects a hybrid of the existing outline consent and the full consent comprising:
- Not more than 19,105sqm development floor area Eg(iii); B2, B8 Trade Counter; E(a) Retail; E(b) Drink/Food Establishments; Drive Thru Restaurant; (sui generis); E(d) Leisure.
 - Not more than 4,334sqm Retail/Leisure of which up to 1,908sqm Food Retail; balance made up of non food retail, drive thru / restaurants / leisure.
 - Not more than 2,787sqm B8 trade counter.
- 1.13 The proposed land uses and floorspace quantum have previously been appraised and agreed with the highway authority, with a mitigation package identified and agreed.
- 1.14 This TA brings the relevant aspects of the outline and full application proposals together for this new outline application.
- 1.15 The transport and traffic movements arising from the combination of development can be accommodated on the local road network and in accordance with the NPPF, the impact of the outline application cannot be considered to be severe.



2.0 NATIONAL AND LOCAL POLICY

2.1 National Guidance

National Planning Policy Framework (December 2023)

2.1.1 In December 2023, the government published a revised National Planning Policy Framework (NPPF).

2.1.2 Paragraph 115 of the NPPF is clear that: *"Development should only be prevented or refused on highways grounds if there would be an unacceptable impact on highway safety, or the residual cumulative impacts on the road network would be severe".*

2.1.3 Within this context, the NPPF identifies in Paragraph 116 that applications for development should:

"a) give priority first to pedestrian and cycle movements, both within the scheme and with neighbouring areas; and second – so far as possible – to facilitating access to high quality public transport, with layouts that maximise the catchment area for bus or other public transport services, and appropriate facilities that encourage public transport use;

b) address the needs of people with disabilities and reduced mobility in relation to all modes of transport;

c) create places that are safe, secure and attractive – which minimise the scope for conflicts between pedestrians, cyclists and vehicles, avoid unnecessary street clutter, and respond to local character and design standards;

d) allow for the efficient delivery of goods, and access by service and emergency vehicles; and

e) be designed to enable charging of plug-in and other ultra-low emission vehicles in safe, accessible and convenient locations."



2.1.4 Paragraph 117 of the NPPF goes on to state that: *"All developments that will generate significant amounts of movement should be required to provide a travel plan, and the application should be supported by a transport statement or transport assessment so that the likely impacts of the proposal can be assessed"*.

2.1.5 In reinforcing the principle of supporting sustainable development, paragraph 10 stipulates that at the heart of the framework is *"...a presumption in favour of sustainable development"*.

2.1.6 The proposed development has been designed with precisely these issues in mind and the accessibility of the site to all users and modes, other than private, are given specific emphasis in this report.

Department for Transport – Guidance on Transport Assessment

2.1.7 The GTA document was issued by the DfT and DCLG in March 2007. In October 2014, the GTA document was archived; however it is still referred to in assisting the preparation of Transport Assessments and Transport Statements.

2.1.8 It is intended to assist stakeholders in determining if an Assessment is required for a particular development and provides guidance on the content. The methodology used for this report takes account of best practice guidance set out in the NPPF. As with the NPPF, this document should be reviewed in conjunction with other relevant statements of national planning policy.

2.1.9 In preparing this Transport Assessment (TA) the following three key areas have been identified:

- Encouraging environmental sustainability:
 - Reducing the need to travel, especially by car – reducing the need for travel, reducing the length of trips, and promoting multi-purpose or linked trips by promoting more sustainable patterns of development and more sustainable communities that reduce the physical separation of key land uses.



- Tackling the environmental impact of travel – by improving sustainable transport choices, and by making it safer and easier for people to access jobs, shopping, leisure facilities and services by public transport, walking, and cycling.
 - The accessibility of the location – the extent to which a site is, or is capable of becoming, accessible by non car modes, particularly for large developments that involve major generators of travel demand.
 - Other measures which may assist in influencing travel behaviour (ITB) – achieving reductions in car usage (particularly single occupancy vehicles), by measures such as car sharing/pooling, High Occupancy Vehicle (HOV) lanes and parking control.
- Managing the existing network:
 - Making best possible use of existing transport infrastructure – for instance by low-cost improvements to the local public transport network and using advanced signal control systems, public transport priority measures (bus lanes), or other forms of Intelligent Transport Systems (ITS) to improve operations on the highway network. It should be noted that the capacity of the existing public transport infrastructure and footpaths is finite, and in some areas overcrowding already exists.
 - Managing access to the highway network – taking steps to maximise the extent to which the development can be made to 'fit' within the available capacity by managing access from developments onto the highway network.
- Mitigating residual impacts:
 - Through demand management – using traffic control measures across a wide network to regulate flows.
 - Through improvements to the local public transport network, and walking and cycling facilities – for example, by extending bus routes and increasing bus frequencies, and designing sites to facilitate walking and cycling.
 - Through minor physical improvements to existing roads – it may be possible



in some circumstances to improve the capacity of existing roads by relatively minor physical adjustments such as improving the geometry of junctions etc. within the existing highway boundary.

- Through provision of new or expanded roads – it is considered good transport planning practice to demonstrate that the other opportunities above have been fully explored before considering the provision of additional road space such as new roads or major junction upgrades.

2.1.10 The methodology used for the TA is in accordance with best practice outlined above.

2.2 Local Guidance

Hampshire Local Transport Plan (to 2050)

- 2.2.1 The fourth Hampshire Local Transport Plan (LTP4) published in February 2024 sets out the highway authority's guiding principles and detailed policies and proposals for developing an integrated transport strategy through to 2050.
- 2.2.2 The LTP describes the transport vision for 2050, the key transport outcomes to be achieved, and the principles that would guide future investment and decision-making in relation to transport and travel.
- 2.2.3 The vision is for "a carbon neutral, resilient and inclusive transport system which: supports health, wellbeing and quality of life for all; supports a connected economy and creates successful and prosperous places; and respects and seeks to enhance Hampshire's unique natural and built environment.
- 2.2.4 The guiding principles are firstly to give people a choice of high quality travel options; and secondly to provide a transport system that promotes high quality, prosperous places and puts people first.
- 2.2.5 From there, nine core policies cover a series of interlinked themes which include the importance of people and places; sustainable travel behaviour for people and goods; management of harmful health effects and the protection of the environment; reducing demands of transport and placing climate change at the heart of decision making.



3.0 EXISTING CONDITIONS

3.1 Waterloo Park and Adjacent Highway Network

- 3.1.1 Waterloo Park is located to the north-west of Waterlooville town centre.
- 3.1.2 It currently comprises a Lidl food store and a McDonalds restaurant and drive thru. The remainder of Waterloo Park is subject to an existing outline application as defined at paras 1.2-1.3 and a resolution to grant a full application as defined at paras 1.7 – 1.8.
- 3.1.3 Vehicular access to Waterloo Park is taken from the roundabout with Elettra Avenue and Waterberry Drive. Within the Park, the privately maintained internal spine road heads south, before taking a 90° bend to the east with Lidl on the inside of the bend and McDonalds further east. Lidl benefits from internal accesses to the west and the south of their premises onto the Park spine road. Pedestrian and cycle access is available via the roundabout, but also via a pedestrian link to the east onto Hambledon Road.
- 3.1.4 Elettra Avenue, between the Elettra Avenue/ Waterberry Drive/ Site Access roundabout and the B2150 Hambledon Road/ Milton Road/ Elettra Avenue roundabout, is a 10m wide carriageway with three lanes. In both the eastbound and westbound direction, a single exit lane is provided from each roundabout which flares to two lanes on the approach to the next roundabout.
- 3.1.5 Elettra Avenue continues west of the roundabout with Waterberry Drive as a single lane carriageway approximately 7.3m in width and subject to a 30mph speed limit. The B2150 Hambledon Road runs adjacent to the eastern boundary of the site and provides a key strategic link via connections with the A3(M), to the east of Waterlooville.
- 3.1.6 The B2150 Hambledon Road to the north of the roundabout with Elettra Avenue/ Milton Road is a single lane carriageway approximately 7.3m in width and subject to a 30mph speed limit. The B2150 Hambledon Road to the south of the roundabout with Milton Road/ Elettra Avenue is a dual carriageway of approximately 7.3m in width and subject



to a 40mph speed limit. A new toucan crossing has recently been implemented against to the Waterloo Park frontage.

3.1.7 Silverthorne Way also routes around the southern and western part of Waterloo Park connecting into Elettra Avenue to the west and north. Along the southern part of Waterloo Park, Silverthorne Way connects onto the B2150 Hambledon Road via a left in/ left out priority junction.

3.2 **Traffic Count Data**

3.2.1 Traffic counts and queue surveys have been collected in relation to the site over a prolonged period. Classified turning counts (CTCs) covered weekday peaks and Saturday (1100-1500).

3.2.2 The data relied upon in this report comprise:

- Elettra Avenue / Waterberry Drive / Waterloo Park roundabout CTCs and queues – June 2024.
- B2150 Hambledon Road / Milton Road / Elettra Avenue roundabout CTCs and queues – September 2021.
- ATCs on Elettra Avenue and Hambledon Road – June 2024. Historically, equivalent data collected in June 2017 had been collected to verify the appropriateness of Friday and Saturday for turning count data collection and hence appraisal.

3.2.3 Traffic data is provided at **Appendix B**. The ATC data has not been actively used in the appraisal contained within this report. The purpose of collection was to ensure that traffic patterns had not materially changed in recent years. The comparison of data illustrated that some peak period flows remained similar whilst others reduced on Elettra Avenue and Hambledon Road and that the basis of previously agreed appraisal remained valid, in the sense that they represent worst case future Base traffic levels.



3.3 Road Safety

- 3.3.1 Personal Injury Collision (PIC) data has been obtained from Hampshire Constabulary for the latest 5 year period for which data is available 01/01/19 to 31/12/23. The study area incorporates the surrounding road network including the location of the site access, the Hambledon Road / Elettra Avenue roundabout, and the approaches to the roundabout. The search area and list of collisions occurring is attached at **Appendix C**. A summary is provided in **Table 1**.

Table 1 – Summary of Personal Injury Collisions (PICs)

Accident Severity	Slight	Serious	Fatal	Total
Number of PICs	5	2	0	7
% of Total	1	0	0	1

- 3.3.2 The data confirms that there were no recorded collisions at the site access roundabout or on Elettra Avenue. Of the above slight collisions, one included a pedal cycle which was struck by a car travelling around a roundabout.
- 3.3.3 A serious collision occurred on Hambledon Road on approach to the Elettra Avenue/Milton Road roundabout when a child on an e-scooter crossed at a pelican crossing when lights were green and was struck by a passing car.
- 3.3.4 The remaining slight collisions at the roundabout all occurred due to issues unrelated to carriageway alignment. There are no notable clusters to report. It is therefore considered that there are currently no significant safety issues within the vicinity of the site.



4.0 ACCESSIBILITY

4.1 Walking and Cycling

- 4.1.1 The north eastern corner of Waterloo Park comprises a McDonalds and a Lidl. Existing pedestrian movements within Waterloo Park comprise a single sided 2m lit footway around the boundary of the units which provides convenient access to the north via the Elettra Avenue roundabout, and to the east from Hambledon Road via a dedicated footway link. All localised accesses benefit from dropped kerbs and tactile paving.
- 4.1.2 The Brambles Business Park and adjacent local community is served by an extensive network of footways. Existing off-road pedestrian and cycle routes are provided on both sides of Elettra Avenue providing good links into/ out of Brambles Business Park. The pedestrian and cycle routes within the vicinity of the site are shown in **Figure 1**.
- 4.1.3 The off-road pedestrian and cycle route adjacent to the southern carriageway of Elettra Avenue continues in a southerly direction adjacent to the south carriageway of Hambledon Road all the way through to the toucan crossing north of the Maurepas Way/ A3 London Road/ Rockville Drive roundabout. Street lighting is provided on all pedestrian/cycle links adjacent to the carriageway within the vicinity of the site.
- 4.1.4 A pedestrian link from Hambledon Road into Waterloo Park was constructed as part of the Lidl and McDonalds development. Commitment has been made by the applicant that this route will be widened to act as a shared footway/cycleway as part of the existing outline and full schemes. This widening to 3.5m is shown on **DTA Drawing 19235-08p-GA3**. This will enhance access towards the site from Hambledon Road and is located around 40m to the south of the roundabout with Elettra Avenue. It is proposed to mimic this commitment within the new outline application such that whichever comes forward first, the full or the outline, the widening would be delivered. Further to this, the outline scheme is to make a significant contribution towards the construction of the toucan crossing on Hambledon Road adjacent to Waterloo Park. This toucan crossing was completed in the second half of 2020.
- 4.1.5 To the north-west corner of the site on Elettra Avenue and at the Elettra Avenue / Site Access roundabout, the full application include obligation to deliver pedestrian / cycle



crossing enhancements. It is proposed to mimic this commitment with the new outline application.

4.1.6 The town centre can be accessed via the signalised crossing at the B2150 Hambledon Road/ Aston Road junction which provides a connection to the off-road pedestrian and cycle route that runs through the Wellington Retail Park connecting to Waterlooville town centre via a subway.

4.1.7 The pedestrian and cycle route adjacent to the northern carriageway of Elettra Avenue provides a link to the residential areas accessed off Milton Road via the signalised crossing to the north of the B2150 Hambledon Road/ Milton Road/ Elettra Avenue roundabout. The obligation from the outline application included funding intended to deliver cycle enhancements to the Hambledon Road roundabout. It is proposed to mimic this commitment within the full application such that whichever comes forward first, the full or the outline, the cycle enhancements or funding to allow them to be implemented would be delivered.

4.1.8 Footways continue along Hambledon Road into the village of Denmead approximately 2.5km north of the site which translates into approximate walking and cycling times of 30 and 8 minutes respectively. These footways can also be used to connect pedestrians to the residential dwellings to the east and west of Hambledon Road.

4.2 Buses

4.2.1 Bus stops are located on the B2150 Hambledon Road to the north of Elettra Avenue which serve Brambles Business Park via Waterberry Drive. A southbound stop on Hambledon Road with bus layby and shelter is located adjacent to Waterloo Park. A pedestrian connection to Hambledon Road is provided alongside the McDonalds site. Continuous footways within Waterloo Park provide access to the site. Bus lay-bys and bus shelters are provided at both of the B2150 Hambledon Road bus stops. A bus stop flag with service and timetable information is provided at the Milton Road stop.

4.2.2 A summary of the bus services is detailed in **Table 2**. The service coverage and frequencies make the site highly accessible by bus.



Table 2 – Summary of Bus Services

Service No.	Operator	Route	Frequency		
			Mon - Fri	Sat	Sun
39	Stagecoach	Havant – Wecock Farm	15 minutes	15 minutes	30 minutes
7	First	City Centre - Wecock	12-15 minutes	20 minutes	20 minutes
D1/ D2	First	Waterlooville – Denmead/ Hambledon	Every 2 Hours	Every 2 Hours	No service

4.3 Summary

- 4.3.1 The site is sustainably located with access to local bus stops within short walking distances. Frequent bus services are available to Waterlooville, Havant and Denmead.
- 4.3.2 The site is accessible from most parts of Waterlooville with most of the surrounding residential areas within a 2.0km walking distance.
- 4.3.3 There are several off-road pedestrian and cycle routes within the vicinity of the site connecting users to other retail sites located to the south of the site, the town centre as well as residential areas.



5.0 DEVELOPMENT PROPOSALS

5.1 Description

5.1.1 The site forms the majority of land referred to as Waterloo Park. It benefits from a comprehensive mixed use commercial outline consent and part of the site also benefits from a full consent for retail / fast food.

5.1.2 In combination, the full consent and residual outline consent comprise:

- Not more than 19,105sqm development floor area, of which:
 - not more than 4,334sqm retail / leisure (including up to 1,908sqm food retail), with balance made up of non-food retail, restaurants, drive thru, leisure;
 - not more than 2,787sqm B8 trade counter; and
 - the balance comprising light industrial / industrial and warehousing / distribution.

5.1.3 The proposal brings the above content into a outline application.

5.2 Vehicular Access

5.2.1 Vehicular access to the site is taken from the Elettra Avenue / Waterloo Park roundabout using the existing Waterloo Park spine road. The existing white lining and lane markings still largely reflect the previous employment usage on the Waterloo Park land.

5.2.2 No modifications to the roundabout were required to support the outline consent, although future commitment to enhanced pedestrian / cyclist facilities was agreed.

5.2.3 The full consent included those refinements, in the context of an access from the spine road into the full application site. It is proposed to re-present the agreed roundabout white lining detail and associated footway / cycleway works as part of this outline, but to truncate these at the highway boundary on the site access arm so as not to pre-determine how internal access ways or pedestrian / cycleways within the new outline consent are formed. Footway linkage extends on the northern side to Waterberry



Drive. Drop kerb crossings are added to the island to the west of the roundabout. The principal of a continuous footway / cycleway on the western side of the site access road remains appropriate.

5.2.4 The site access roundabout proposals are shown on **DTA Drawing 23520-01**.

5.2.5 It is envisaged that secondary or servicing access points could be provided via Silverthorne Way for staff parking and servicing, with no vehicular through route available to the main parking area within the site. With the application in outline, details of vehicle tracking of service areas would be provided at the reserved matters stage.

5.3 **Walking and Cycling Links**

5.3.1 Convenient access on foot and bike is achievable from all directions. To the north from Elettra Avenue, an existing continuous footway route is provided to the east of the spine road. As part of the full consent, a footway / cycleway link was agreed to the west of the spine road. As the internal layout is not fixed within an outline, the detail of the footway / cycleway cannot be fixed, but the concept is agreed. This will safeguard access by active travel modes to the outline.

5.3.2 To the north, within highway boundary, pedestrian and cyclist routes are enhanced, as shown on **DTA Drawing 23520-01**.

5.3.3 To the east, a scheme agreed with HCC as part of the full consent to widen the footway to the south of the McDonalds unit to provide a footway / cycleway is proposed as part of the outline. This is shown in **DTA Drawing 19235-08p-GA3**. The design was subject to independent Stage 1 RSA at the full application stage. This footway / cycleway provides connection into Hambledon Road in the vicinity of the toucan crossing.

5.3.4 Pedestrian links to the west, south and further links to the east are envisaged, but location and design will be dependent on the way in which the site layout evolves at Reserved Matters.



5.4 Internal Layout

- 5.4.1 The application is submitted in outline, therefore the detailed internal layout will be finalised at the reserved matters stage.

5.5 Car and Cycle Parking

- 5.5.1 As the application is submitted in outline, parking provision will be in accordance with car and cycle parking standards for the district with the current standards set out in Havant Borough Council's Parking Supplementary Planning Document, adopted 2017, updated 2019.



6.0 TRAFFIC IMPACT

6.1 Introduction (DTA Report 19235-13 Rev B)

6.1.1 The TA for the full application within the proposed outline set out the forecast trip generation, distribution and assignment pattern which remains relevant in this TA. This information was agreed in full with HCC.

6.1.2 Similarly, the traffic impact was agreed and the mitigation package prepared and agreed. The off-site elements are as set out within para. 1.10, repeated for ease of reference:

- Contribution of £60,000 towards highway works at the Hambledon Road / Elettra Avenue roundabout.
- Contribution of £150,000 towards a toucan crossing on Hambledon Road (which has since been constructed).
- Details of access to the full application site by all modes of transport.
- Vehicular access from Elettra Avenue, with localised road markings and kerb revisions.
- Pedestrian and cyclist crossing enhancements at the Elettra Avenue roundabout.
- Cycle enhancement (not on the public highway) to the south of the McDonalds outlet within Waterloo Park delivering connectivity to Hambledon Road. The works adapt a footway to a footway / cycleway.
- A Framework Travel Plan.

6.1.3 The technical appraisal was set out across a series of Technical Notes including a detailed appraisal of the Hambledon Road / Elettra Avenue roundabout (**DTA Report 19235-16d**). An updated version of this appraisal has been produced and is provided under separate cover as part of this outline application (**DTA Report 23520-03**).

6.2 Trip Generation

6.2.1 The individual land use trip rates applicable in this appraisal are drawn from the agreed assessment.



6.2.2 The “front door” trip rates are as set out in **Table 3**.

Table 3 – Previously Agreed Vehicle Trip Rates per 100sqm – Weekday and Weekend

Time Period	Vehicle Trip Rates					
Food Retail	In	Out	Total			
AM Peak (0800-0900)	3.782	2.749	6.531			
PM Peak (1700-1800)	7.501	8.021	15.532			
Saturday (1200-1300)	7.688	7.339	15.027			
Fast Food Restaurant/Drive Thru	In	Out	Total			
AM Peak (0800-0900)	5.94	4.41	10.35			
PM Peak (1700-1800)	10.78	10.49	21.27			
Saturday (1200-1300)	18.612	20.505	39.117			
	Total Vehicle Trip Rate			OGV Trip Rate		
	In	Out	Total	In	Out	Total
Industrial Estate						
AM Peak (0800-0900)	0.456	0.213	0.669	0.025	0.021	0.046
PM Peak (1700-1800)	0.109	0.364	0.473	0.007	0.010	0.017
B8 - Warehousing						
AM Peak (0800-0900)	0.113	0.062	0.175	0.030	0.026	0.056
PM Peak (1700-1800)	0.034	0.084	0.118	0.018	0.026	0.044
B8 Trade Counter – Builders Merchant						
AM Peak (0800-0900)	0.612	0.458	1.070	0.097	0.081	0.178
PM Peak (1700-1800)	0.105	0.211	0.316	0.004	0.008	0.012
Non-Food Retail (higher than Leisure Use from earlier outline TA)	In	Out	Total			
AM Peak (0800-0900)	0.156	0.026	0.182			
PM Peak (1700-1800)	1.796	2.031	3.827			
Saturday (1200-1300)	3.942	3.621	7.563			



6.3 Traffic Distribution

6.3.1 The traffic distribution for the food retail development trips is based on information provided in the Retail Impact Assessment (RIA) prepared to support the full application scheme. This included details for the trade proportions from RIA zones within the catchment of the site and information on the potential trade draw from other units. All matters were agreed with HCC.

6.3.2 The zones identified in the full application RIA were assigned to a particular route based on the shortest journey times. There is no reason to amend the previously agreed assignment forecasts. Based on the route assignment, the development traffic is proposed to be distributed onto the local network as detailed in **Table 4**.

Table 4 Distribution and Assignment of Traffic based on Trade Draw (Food Retail)

Road	Assignment
Hambledon Road (South)	80%
Milton Road	15%
Hambledon Road (North)	5%

6.3.3 The full application RIA also considered trade draw from sites from WaterlooVille, including the Lidl store within Waterloo Park. The RIA forecasts that trade diversion from existing stores will be as follows:

Lidl	27%
Asda	22%
Sainsburys	15%
Waitrose	5%
Iceland	1%
Other Town Centre	5%

6.3.4 On this basis, relevant proportions of site traffic generation on the local network were re-assigned and again these agreed figures have been retained. To provide a robust assessment only 25% of trips are assumed to be diverted from Lidl. In terms of diversion from Lidl, since this is located within Waterloo Park, the trips are taken to be unchanged beyond the site access.



6.3.5 Evidence has been provided by others within retail applications in the County regarding customer cross visitation between retail units and restaurants over the past few years. This evidence has been accepted by HCC, ranging from estimates of between 20% and 53% of customers visiting more than one outlet on a site with multiple units. Forecast trip generation on those sites was reduced accordingly. The 20% figure was supported by customer interview surveys undertaken and presented within Application No: 16/04208/FUL. This assumption has been applied to the drive thru restaurants only and reflects the presence of Lidl and the proposed food retail unit on the site. Again, this information has been previously agreed with the highway authority in the context of the full application. A full breakdown of the proposed site traffic is shown in **Figure 5**.

6.3.6 Trip distribution estimates were presented and agreed in the 2018 outline application for non-food retail (based on the RIA at the time) and employment (based on a simplistic population gravity model). As the RIA did not inform the pattern of the fast food component of the full application, trips have been distributed in accordance with the previously agreed employment distribution.

Table 5 Proposed Forecast Traffic Levels

	AM Peak	PM Peak	Sat Peak
Food Retail Traffic (as defined from Full Consent)	94	221	215
Fast Food Traffic (as defined from Full Consent)	41	85	156
Non- Food + Employment (Residual Outline Consent traffic)	113	138	145
Total Proposed Traffic (also constituting Committed Development)	248	444	516

6.3.7 The Proposed traffic therefore all constitutes Committed Development in the context of the current application. The proposed forecast trip patterns are shown in **Appendix D**.



6.4 Base Traffic Flows

- 6.4.1 The appraisal underpinning the full consent was presented on the basis of a future assessment year of 2026.
- 6.4.2 The Base + Committed Traffic flows are the same as Base + Development flows for this outline application. Where mitigation was identified as part of the Full consent, this is committed mitigation in the context of the current outline application. The only difference between the appraisal already undertaken and agreed, is therefore the assessment year, which is now presented as 2029. The site access roundabout is tested in 2029 with the Proposed Site traffic. The offsite junction (Hambledon Road/Elettra Avenue) is tested in 2029 for Base traffic (without agreed mitigation) and Base + Committed/Development with mitigation. Since Committed and Proposed Development traffic is the same, there is no Base + Committed Development test.
- 6.4.3 The opening year for the full application is assumed to be 2028. The future year 2029 assessment is presented (5 years following application submission), with the application of current TEMPRO growth rates from 2026-2029 applied as follows:

AM Peak	1.0568
PM Peak	1.0559
Saturday	1.0589

6.5 Traffic Impact

- 6.5.1 The TA prepared for the full application now consented, included assessments in 2026 of the Elettra Avenue site access roundabout and the Hambledon Road / Elettra Avenue roundabout, with and without the additional development traffic.
- 6.5.2 This gave rise to localised mitigation in the form of contribution towards works at the latter.
- 6.5.3 For the purposes of bringing the appraisals up to date, assessments are provided for 2024 and 2029.



6.5.4 The operation of the Elettra Avenue/Waterloo Park roundabout and the B2150 Hambledon Road/Milton Road/Elettra Avenue roundabout have been assessed using the relevant modules in the JUNCTIONS software.

6.5.5 A future year of 2029 has been assessed for the AM and PM Friday peak periods and a peak period on a Saturday. The assessment traffic flows are included in **Appendix E**.

Elettra Avenue/Waterberry Drive/Waterloo Park Access

6.5.6 The results of the Waterloo Park access roundabout are shown in **Table 6**. The junction is forecast to operate with ample capacity in 2029 with the development traffic. The full results for the Elettra Avenue/Waterloo Park access are included in **Appendix F**.

Table 6 Elettra Avenue/ Waterloo Park Roundabout Results

	AM				PM				Sat			
	Queue (PCU)	Delay (s)	RFC	LOS	Queue (PCU)	Delay (s)	RFC	LOS	Queue (PCU)	Delay (s)	RFC	LOS
A1 - 2024 Base												
1 - Elettra Av (east)	0.5	2.69	0.32	A	0.3	2.39	0.23	A	0.2	2.28	0.19	A
2 - Site Access	0.3	4.21	0.23	A	0.3	3.95	0.25	A	0.4	3.85	0.26	A
3 - Elettra Av (west)	0.0	2.40	0.03	A	0.1	2.37	0.08	A	0.0	2.16	0.02	A
4 - Waterberry Drive	0.2	2.61	0.15	A	0.3	3.05	0.26	A	0.1	2.50	0.12	A
A1 - 2029 Base												
1 - Elettra Av (east)	0.5	2.72	0.32	A	0.5	2.80	0.34	A	0.2	2.28	0.20	A
2 - Site Access	0.3	4.25	0.23	A	0.4	4.54	0.28	A	0.4	3.86	0.26	A
3 - Elettra Av (west)	0.0	2.42	0.03	A	0.1	2.57	0.09	A	0.0	2.16	0.02	A
4 - Waterberry Drive	0.2	2.63	0.15	A	0.4	3.10	0.27	A	0.1	2.51	0.13	A
A1 - 2029 Base + Dev												
1 - Elettra Av (east)	0.7	3.11	0.41	A	0.5	2.83	0.35	A	0.5	2.78	0.34	A
2 - Site Access	0.5	4.86	0.33	A	0.9	5.62	0.47	A	0.9	5.53	0.49	A
3 - Elettra Av (west)	0.0	2.54	0.04	A	0.1	2.73	0.10	A	0.0	2.45	0.02	A
4 - Waterberry Drive	0.2	2.77	0.16	A	0.4	3.68	0.30	A	0.2	2.91	0.14	A

Hambledon Road/Elettra Avenue/Milton Road

6.5.7 It was established as part of the outline application that mitigation was required to accommodate the traffic from the outline. DTA proposed the design shown on **DTA Drawing 19235-02i**, which is attached at **Appendix G**. The County Council sought a contribution in lieu of works proposed by DTA. The draft S106 requires that the



additional capacity provided by future works is equivalent or more from the contribution.

6.5.8 Whilst DTA understand that HCC intend to identify a different scheme, for the purposes of this assessment, the previously identified works represent the baseline situation since the capacity benefit would be as delivered by the scheme or better. Either these works or the equivalent contribution (£60,000) should be applied to the full or the outline whichever comes forward first.

6.5.9 **DTA Technical Note 23520-03**, titled Hambledon Road Roundabout Appraisal is provided under separate cover, and reflects an updated version of the Technical Note prepared to support the full application the content of which was agreed with the highway authority. **Tables 7, 8 and 9** set out the summary results, and for the detailed technical explanation, reference can be made to **Technical Note 25230-03**.

6.5.10 **Table 7** below sets out the summary results for 2021 scenario based on observed flows and the existing geometry. The appraisal has been run on a direct entry, lane simulation basis for the AM and PM weekday peaks, and the Saturday peak on an OD-TAB, lane simulation, as previously but in the latest version of ARCADY which also reports the ratio of the flow to capacity.

Table 7 2021 Base (survey) no mitigation

Direct Entry Flows	AM Peak			PM Peak		
	Q (pcu)	Delay (s)	RFC	Q (pcu)	Delay (s)	RFC
Milton Road	4.5	27.69	0.83	3.1	17.93	0.75
Hambledon Road South	4.0	10.04	0.63	3.6	8.11	0.64
Elettra Avenue	2.2	14.54	0.55	14.0	46.03	0.91
Hambledon Road North	2.7	8.66	0.64	2.4	10.25	0.61
OD-TAB	Saturday Peak					
	Q (pcu)	Delay (s)	RFC			
Milton Road	2.0	11.84	0.66			
Hambledon Road South	2.6	6.73	0.57			
Elettra Avenue	1.8	10.98	0.49			
Hambledon Road North	1.4	6.47	0.46			



6.5.11 **Table 8** sets out the summary results for a 2029 scenario based on observed flows, TEMPro (version 8) growth and the Major Development Area (i.e. treated as committed development), and the existing geometry. As per the 2021 scenario, the AM and PM peaks have been run on a direct entry, lane simulation basis and the Saturday peak on a OD-TAB, lane simulation basis.

Table 8 2029 Base (survey × TEMPro) no mitigation

Direct Entry Flows	AM Peak			PM Peak		
	Q (pcu)	Delay (s)	RFC	Q (pcu)	Delay (s)	RFC
Milton Road	12.3	62.79	0.95	9.0	35.0	0.89
Hambleton Road South	7.3	15.67	0.72	5.0	9.46	0.70
Elettra Avenue	3.8	20.00	0.65	30.3	89.80	1.07
Hambleton Road North	3.7	10.44	0.73	3.8	14.27	0.73
OD-TAB	Saturday Peak					
	Q (pcu)	Delay (s)	RFC			
Milton Road	3.0	18.52	0.75			
Hambleton Road South	3.0	7.61	0.61			
Elettra Avenue	1.8	12.59	0.52			
Hambleton Road North	1.7	7.31	0.50			

6.5.12 **Table 9** sets out the summary results for a 2029 scenario based on the 2029 baseline scenario plus development traffic and the improved geometry as previously identified.

Table 9 2029 Design (survey × TEMPro + development) with mitigation

Direct Entry Flows	AM Peak			PM Peak		
	Q (pcu)	Delay (s)	RFC	Q (pcu)	Delay (s)	RFC
Milton Road	1.7	9.01	0.62	1.5	7.86	0.55
Hambleton Road South	10.8	21.15	0.75	5.8	11.72	0.74
Elettra Avenue	1.8	9.25	0.48	10.7	28.39	0.87
Hambleton Road North	4.0	12.30	0.80	6.6	23.32	0.83
OD-TAB	Saturday Peak					
	Q (pcu)	Delay (s)	RFC			
Milton Road	1.1	5.29	0.47			
Hambleton Road South	3.7	8.35	0.65			
Elettra Avenue	1.1	6.63	0.36			
Hambleton Road North	1.5	7.44	0.51			



6.5.13 The results show that the works previously identified are of appropriate scope and nature to mitigate the development impact. Whilst there remains a small degree of operational stress on Elettra Avenue in the PM peaks this is at 2021 level.

6.5.14 Since the development traffic is already committed, the proposals have no impact so long as the originally agreed mitigation scheme is provided, which the applicant commits to.

6.6 Summary

6.6.1 The development traffic can be accommodated on the local network with improvements at the Hambledon Road/Elettra Avenue junction. The works are the same as identified by DTA as part of the outline consent and the full consent. HCC previously sought a contribution of £60,000 in lieu of these works. Conceptually the applicant is content for this contribution to be made to deliver the outline application, although this would negate the requirement for the contribution to be made on the full. In other words, whichever scheme were to be progressed first would be responsible for the contribution being made.

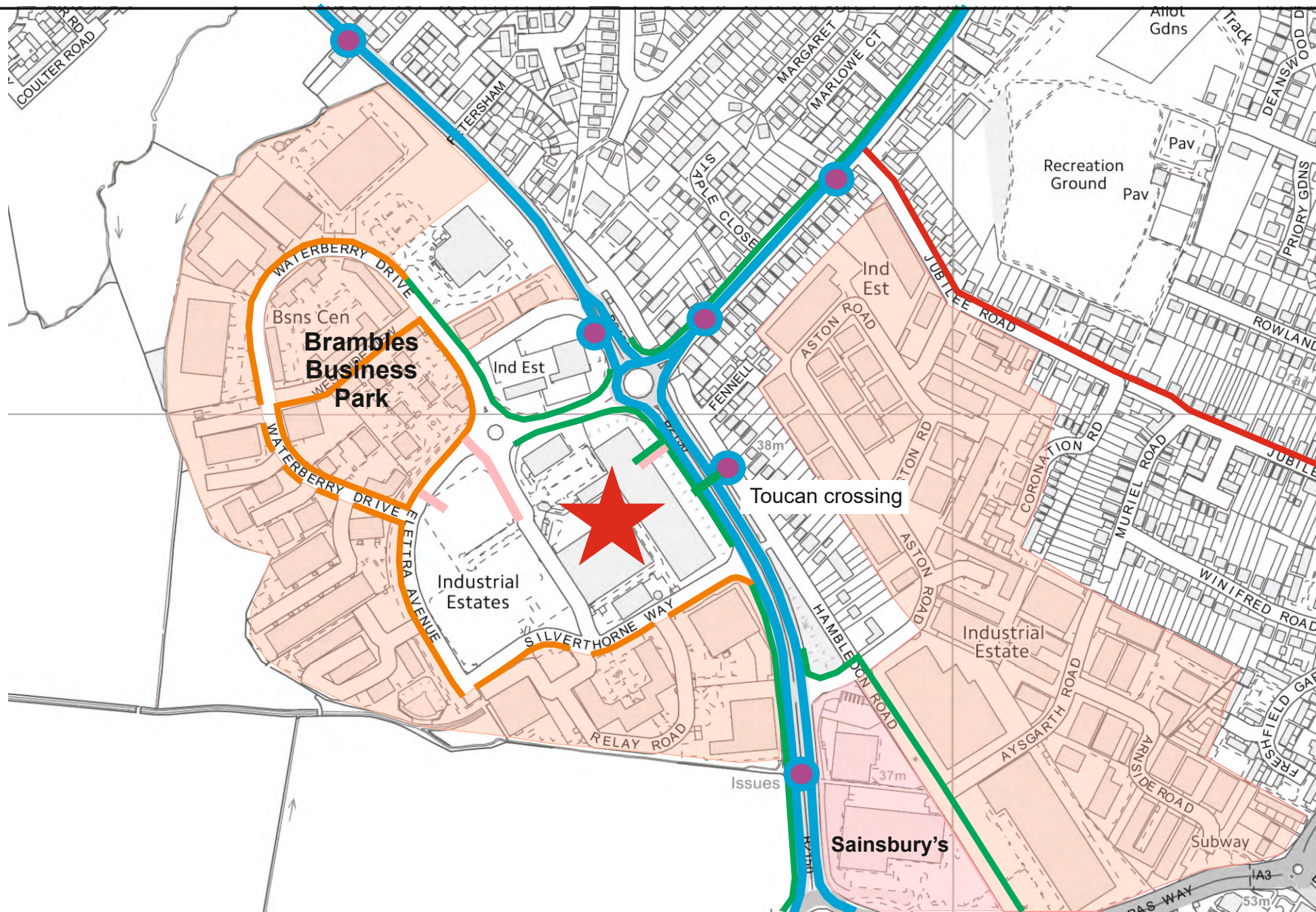
6.6.2 A further consideration is that the Elettra Avenue arm performs poorly without the works and the deferral to HCC of an alternative future scheme funded by the contribution, but with no scheme identified would risk an outcome of a poorly performing part of the highway even if it is only in the short term.



7.0 CONCLUSIONS

- 7.1 The site already benefits from an outline consent, and includes land subject to a full consent. This Transport Assessment has reviewed the highway and transport implications of the proposed development for an outline on Waterloo Park equivalent to that assessment undertaken previously which combined the traffic from the outstanding outline and the full consents. No further additional traffic arises.
- 7.2 Site access will be provided via the Elettra Avenue/Waterloo Park roundabout.
- 7.3 A review of the road safety records within the vicinity of the site has been undertaken and there are no existing road safety issues to mitigate as a result of the proposals.
- 7.4 The site is in a sustainable location within the existing built up area where pedestrian and cycle links are well established. Frequent bus services are available within walking distances of the site.
- 7.5 The proposed trip generation has been reviewed and a robust assessment undertaken in relation to the local highway network.
- 7.6 A mitigation scheme is proposed for the Elettra Avenue/ Hambledon Road/ Milton Road roundabout junction. This is the same scheme as presented to the highway authority to mitigate traffic from the previous outline and full applications. The County sought a contribution in lieu of the works as part of the outline. Whilst this remains acceptable to the applicant, it remains the recommendation of this report that the works are implemented.
- 7.7 The proposals are in accordance with national and local policy guidance and can be accommodated on the local network without safety implications and with only a modest impact in terms of vehicle queuing. On this basis, the impact of the development is not considered to be severe in accordance with NPPF paragraph 115.

FIGURE 1



Key:

- ★ Site Location
- Local Bus Routes
- Bus Stops

- Shared Pedestrian/ Cycle Route
- Off Road Cycle Route
- Footways around Business Park
- Pedestrian Links

Figure 1
Drawing Title
Job Title
Client

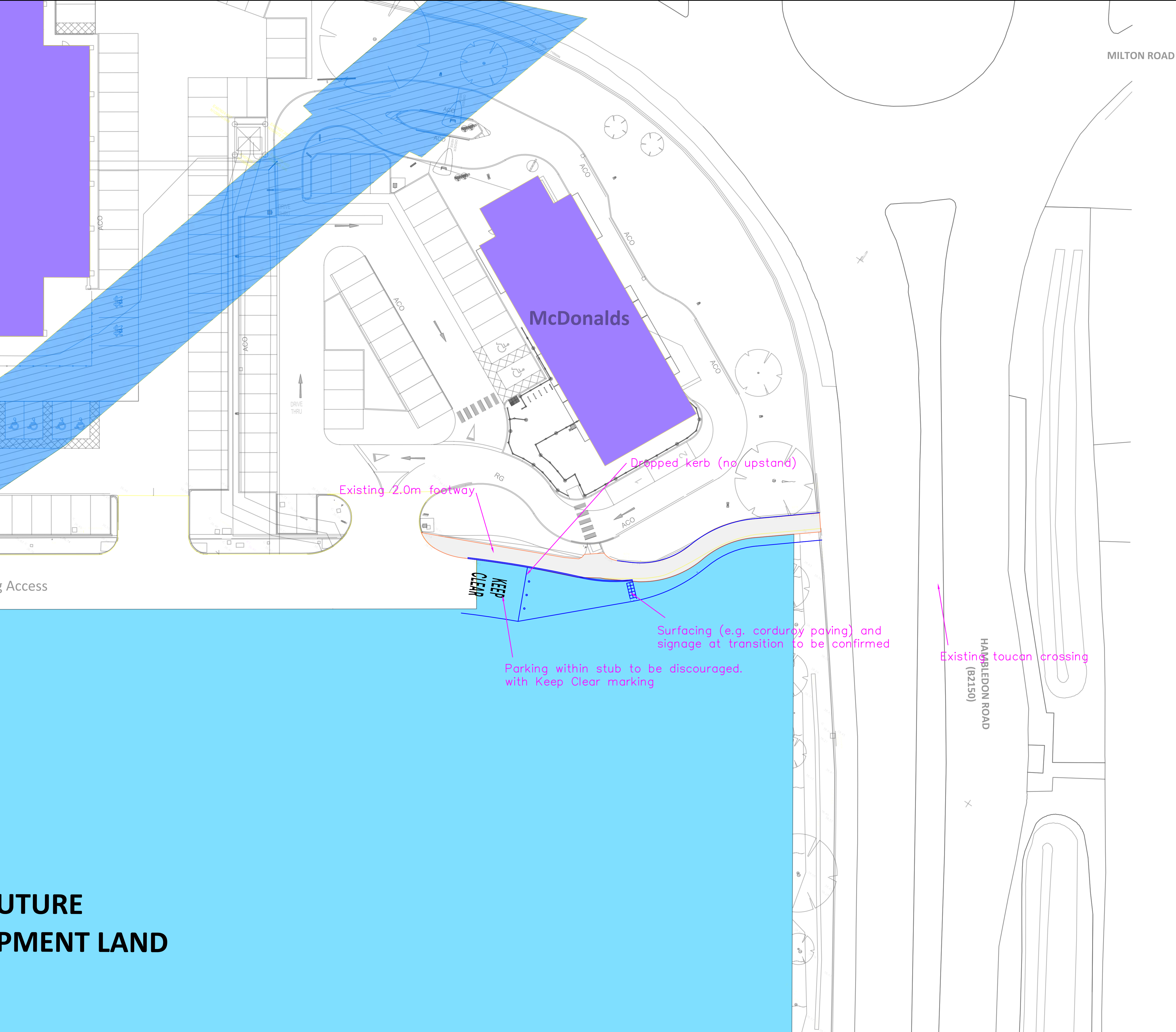
Accessibility Plan
Outline Application Waterloo Park
Hargreaves

Scale : NTS



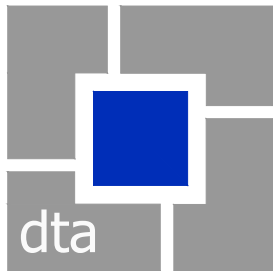
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DRAWINGS



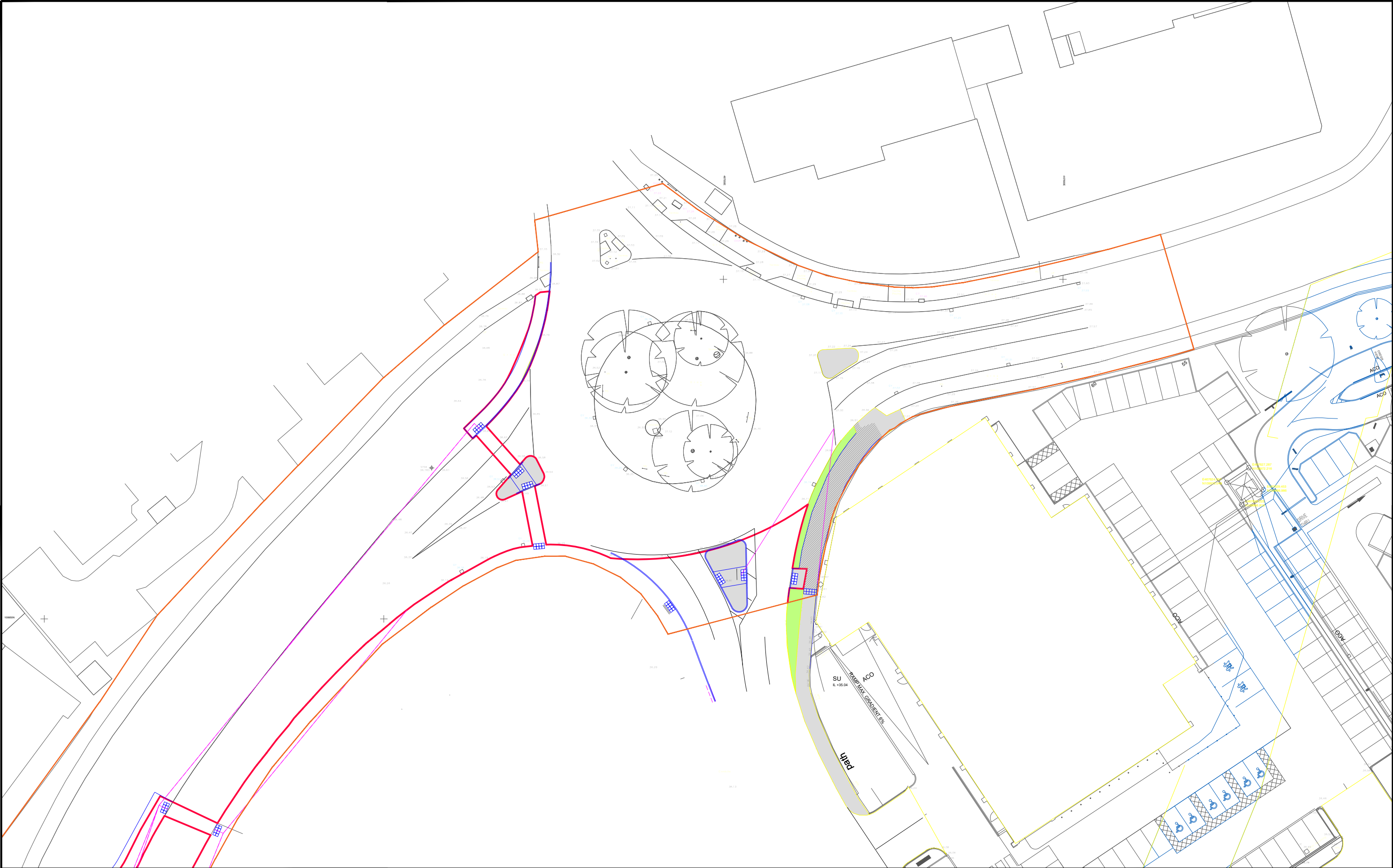
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REV	DESCRIPTION	DRAWN	INITIALS	DATE	DRAWING STATUS	CHECKED BY	DATE



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JOB TITLE		WATERLOOVILLE		CLIENT		HARGREAVES	
DRAWING TITLE							
INTERIM PEDESTRIAN/CYCLE LINK							
SCALE		DRAWN BY		DATE		DRAWING No	
1: 250@A1		RM		26/09/22		19235-08-GA3	
						REVISION	
						P	



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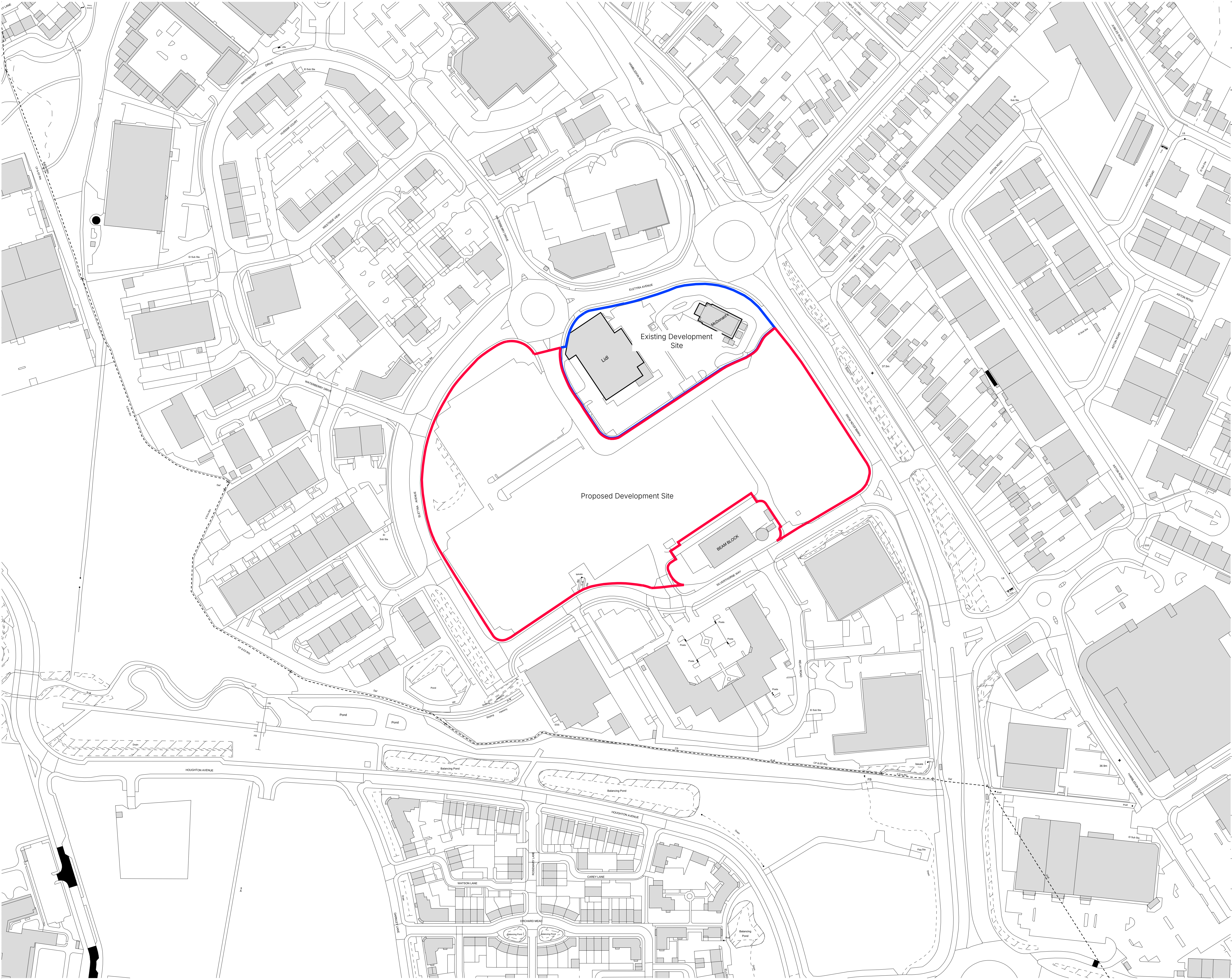


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JOB TITLE		CLIENT	
Waterloo Park		Hargreaves Properties Limited	
DRAWING TITLE			
Elettra Avenue Site Access Roundabout			
SCALE	DRAWN BY	DATE	DRAWING No
1/500@A3	BP	05-09-24	23520-01
			REVISION

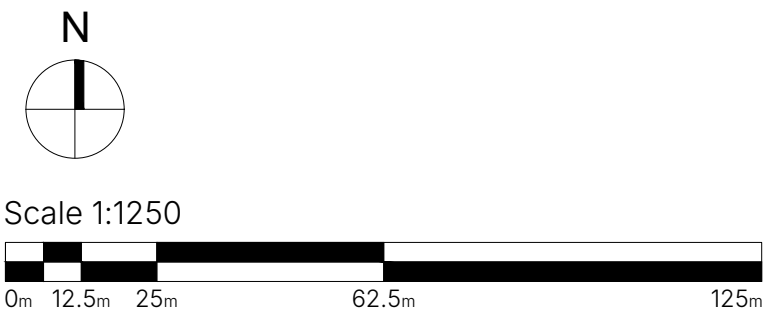
APPENDIX A



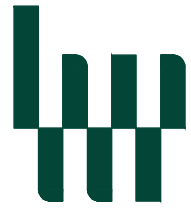
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Note:
Setting Out is based on OS data and survey drawing by
Lewis Brown Chartered Land Surveyors
Ref: Topographical Survey - W15306_3DSX
Dated: October 2015

Note: Design Intent
This drawing illustrates design intent only and is subject to
Manufacturer's and or Specialist Subcontractor's Detailed
Design & Specification.



P01	Outline Planning Issue	RW	SD	19.08.24
Rev	Amendments	By	Chkd	Date



HNW Architects

Document Status
Preliminary

Client Name
HARGREAVES

Project Name
ELETTRA AVENUE, WATERLOO PARK
WATERLOOVILLE, HAVANT

Scale	HNW Project No.	Date Created
A1- 1:500	24018	MAY 2024

Document Title
SITE LOCATION PLAN

Document Reference	Revision
24018-HNW-ZZ-ZZ-DR-A-1100	P01

Chichester Brighton & Hove	61 North Street, Chichester, PO19 1NB Plattfirm, Church Road, Hove, BN3 2AF	01243 533300 01273 932485
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APPENDIX B

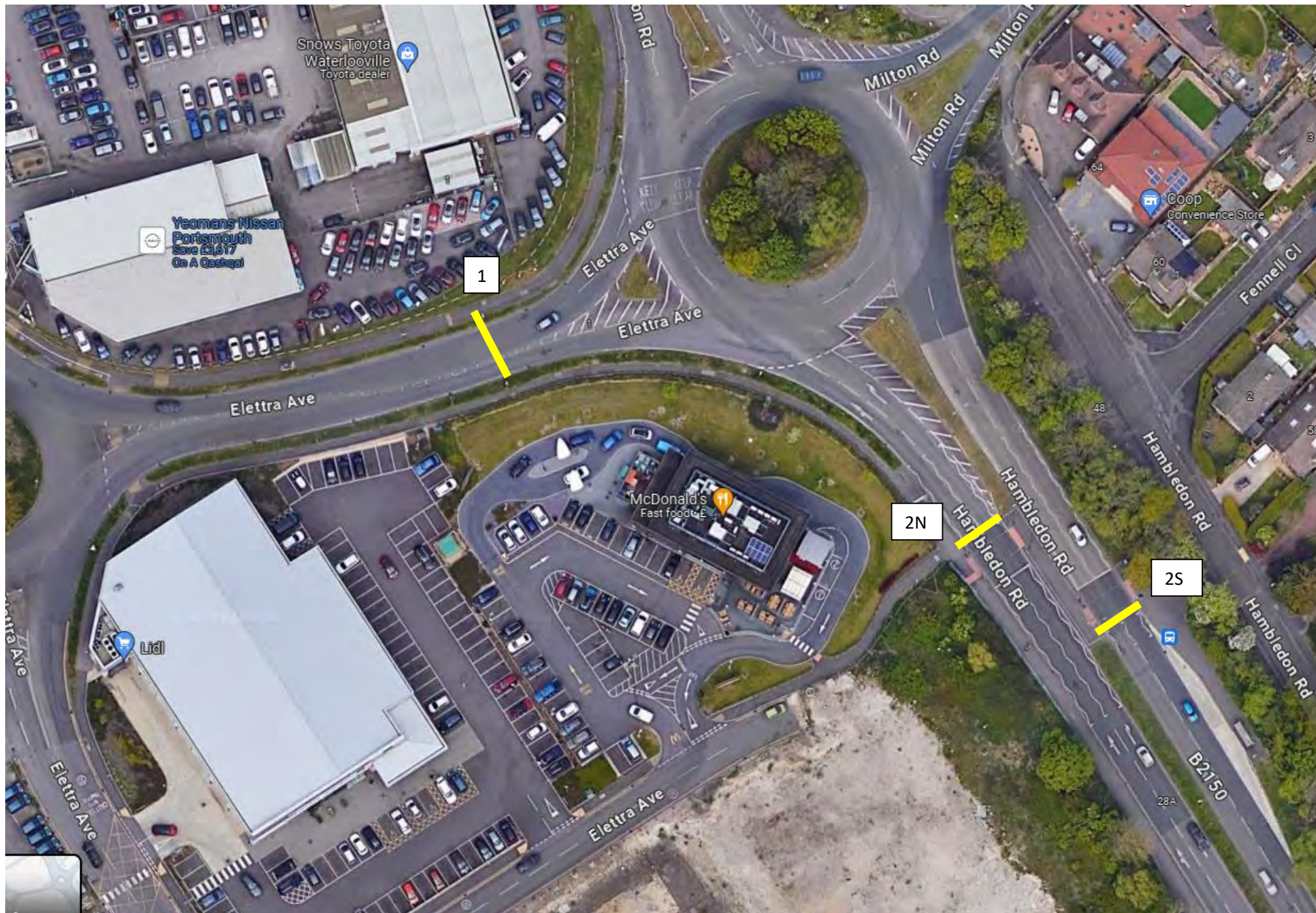
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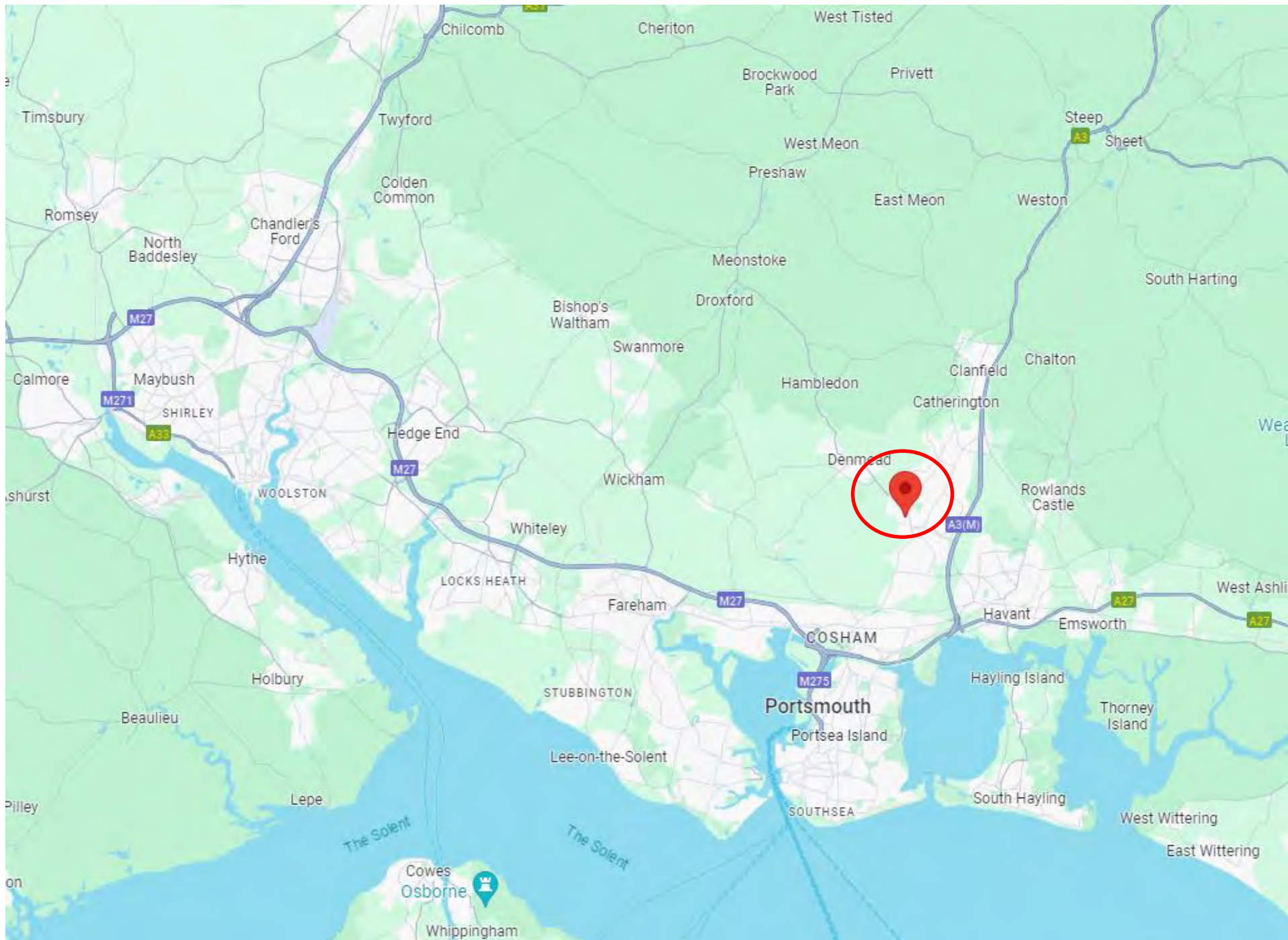
ELETTRA AVE – LOOKING WESTBOUND











13412		WATERLOOVILLE								
JUNE 2024					Posted Speed Limit (PSL)	Total Vehicles	5 Day Ave.	7 Day Ave.	Average 85%ile Speed	Average Mean Speed
Site	Location	Direction	Start Date	End Date						
Site No: 13412011	Site 1 - Elettra Ave, Waterlooville W of Hambledon Rd 50.885534, -1.040072	Channel: Eastbound	Fri 07-Jun-24	Thu 13-Jun-24	40	42840	6666	6120	25.6	21.6
		Channel: Westbound	Fri 07-Jun-24	Thu 13-Jun-24		35920	5611	5131	30.0	26.1

13412		WATERLOOVILLE				Site No: 13412011		Location	Site 1 - Elettra Ave, Waterloooville						
Fri 07-Jun-24 to Thu 13-Jun-24						Channel: Eastbound									
TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	CARS OR CAR-BASED LGV		LIGHT GOODS VEHICLES	BUSES	TWO AXLE, SIX TYRE, RIGID/BUSES	THREE AXLE RIGID	FOUR OR MORE AXLE RIGID	FOUR OR LESS AXLE ARTIC	FIVE AXLE ARTIC	SIX OR MORE AXLE ARTIC	FIVE OR LESS	SIX AXLE MULTI-TRAILER ARTIC	SEVEN OR MORE AXLE ARTIC
													AXLE MULTI-TRAILER		
Fri 07-Jun-24															
00:00	34	1	31	2	0	0	0	0	0	0	0	0	0	0	0
01:00	21	1	16	3	0	1	0	0	0	0	0	0	0	0	0
02:00	8	0	8	0	0	0	0	0	0	0	0	0	0	0	0
03:00	5	0	3	1	1	0	0	0	0	0	0	0	0	0	0
04:00	12	1	8	0	0	1	1	0	0	0	1	0	0	0	0
05:00	45	0	38	4	0	0	2	0	0	0	1	0	0	0	0
06:00	132	1	113	14	0	1	1	0	2	0	0	0	0	0	0
07:00	282	1	240	34	0	1	4	0	2	0	0	0	0	0	0
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17:00	589	2	549	15	0	1	5	1	15	0	1	0	0	0	0
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19:00	309	3	300	3	0	0	0	1	2	0	0	0	0	0	0
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21:00	164	1	161	2	0	0	0	0	0	0	0	0	0	0	0
22:00	90	4	86	0	0	0	0	0	0	0	0	0	0	0	0
23:00	81	2	76	3	0	0	0	0	0	0	0	0	0	0	0
12H,7-19	6040	35	5555	291	9	6	43	5	86	0	6	4	0	0	0
16H,6-22	6909	43	6381	315	9	7	45	6	93	0	6	4	0	0	0
18H,6-24	7080	49	6543	318	9	7	45	6	93	0	6	4	0	0	0
24H,0-24	7205	52	6647	328	10	9	48	6	93	0	8	4	0	0	0

13412		WATERLOOVILLE				Site No: 13412011		Location	Site 1 - Elettra Ave, Waterloooville						
Fri 07-Jun-24 to Thu 13-Jun-24						Channel: Eastbound									
TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	CARS OR CAR-BASED		LIGHT GOODS VEHICLES	BUSES	TWO AXLE, SIX TYRE, RIGID/BUSES	THREE AXLE RIGID	FOUR OR MORE AXLE RIGID	FOUR OR LESS AXLE ARTIC	FIVE AXLE ARTIC	SIX OR MORE AXLE ARTIC	FIVE OR LESS	SIX AXLE MULTI-TRAILER ARTIC	SEVEN OR MORE AXLE ARTIC
			LGV										AXLE MULTI-TRAILER ARTIC		
Sat 08-Jun-24															
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04:00	4	0	4	0	0	0	0	0	0	0	0	0	0	0	0
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06:00	47	0	41	5	0	1	0	0	0	0	0	0	0	0	0
07:00	141	2	124	14	0	0	1	0	0	0	0	0	0	0	0
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09:00	449	1	412	21	1	0	5	0	8	0	0	1	0	0	0
10:00	416	2	390	15	0	0	4	0	5	0	0	0	0	0	0
11:00	472	3	444	14	1	0	2	0	7	0	0	1	0	0	0
12:00	446	4	420	11	0	0	5	1	4	0	0	1	0	0	0
13:00	393	3	374	7	0	0	3	0	6	0	0	0	0	0	0
14:00	396	6	371	12	0	0	1	0	6	0	0	0	0	0	0
15:00	364	6	336	17	0	0	2	0	3	0	0	0	0	0	0
16:00	366	3	346	12	0	0	0	0	4	0	0	1	0	0	0
17:00	352	5	334	10	0	0	0	0	3	0	0	0	0	0	0
18:00	291	1	282	7	0	0	0	0	1	0	0	0	0	0	0
19:00	240	5	225	7	0	0	1	0	2	0	0	0	0	0	0
20:00	161	2	152	5	0	0	1	0	1	0	0	0	0	0	0
21:00	110	1	105	3	0	0	1	0	0	0	0	0	0	0	0
22:00	70	2	66	2	0	0	0	0	0	0	0	0	0	0	0
23:00	57	2	53	2	0	0	0	0	0	0	0	0	0	0	0
12H,7-19	4417	37	4138	159	2	0	25	1	51	0	0	4	0	0	0
16H,6-22	4975	45	4661	179	2	1	28	1	54	0	0	4	0	0	0
18H,6-24	5102	49	4780	183	2	1	28	1	54	0	0	4	0	0	0
24H,0-24	5261	50	4927	190	3	3	28	1	55	0	0	4	0	0	0

13412		WATERLOOVILLE				Site No: 13412011		Location	Site 1 - Elettra Ave, Waterloooville						
Fri 07-Jun-24 to Thu 13-Jun-24						Channel: Eastbound									
TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	CARS OR CAR-BASED LGV		LIGHT GOODS VEHICLES	BUSES	TWO AXLE, SIX TYRE, RIGID/BUSES	THREE AXLE RIGID	FOUR OR MORE AXLE RIGID	FOUR OR LESS AXLE ARTIC	FIVE AXLE ARTIC	SIX OR MORE AXLE ARTIC	FIVE OR LESS	SIX AXLE MULTI-TRAILER ARTIC	SEVEN OR MORE AXLE ARTIC
													AXLE MULTI-TRAILER		
Sun 09-Jun-24															
00:00	75	3	67	4	0	0	0	0	0	1	0	0	0	0	0
01:00	39	4	34	1	0	0	0	0	0	0	0	0	0	0	0
02:00	25	0	25	0	0	0	0	0	0	0	0	0	0	0	0
03:00	9	0	9	0	0	0	0	0	0	0	0	0	0	0	0
04:00	14	0	14	0	0	0	0	0	0	0	0	0	0	0	0
05:00	15	0	12	3	0	0	0	0	0	0	0	0	0	0	0
06:00	32	0	29	1	0	0	0	0	0	1	0	1	0	0	0
07:00	81	3	72	6	0	0	0	0	0	0	0	0	0	0	0
08:00	175	4	162	8	0	0	0	0	0	1	0	0	0	0	0
09:00	248	3	234	8	0	0	0	0	0	3	0	0	0	0	0
10:00	439	6	413	10	0	1	1	0	0	7	0	0	1	0	0
11:00	436	3	410	13	0	0	3	0	0	6	0	1	0	0	0
12:00	438	7	412	14	0	0	1	0	0	4	0	0	0	0	0
13:00	444	3	422	14	0	0	2	0	0	2	0	0	1	0	0
14:00	373	1	360	7	0	0	2	0	0	3	0	0	0	0	0
15:00	361	2	347	9	0	0	0	0	0	3	0	0	0	0	0
16:00	206	2	198	6	0	0	0	0	0	0	0	0	0	0	0
17:00	185	2	170	9	0	0	3	0	0	1	0	0	0	0	0
18:00	192	0	180	11	0	0	1	0	0	0	0	0	0	0	0
19:00	151	2	144	4	0	0	1	0	0	0	0	0	0	0	0
20:00	115	0	112	1	0	0	1	0	0	1	0	0	0	0	0
21:00	96	0	94	2	0	0	0	0	0	0	0	0	0	0	0
22:00	55	0	51	2	0	0	1	0	0	1	0	0	0	0	0
23:00	46	4	40	0	0	0	0	0	0	2	0	0	0	0	0
12H,7-19	3578	36	3380	115	0	1	13	0	0	30	0	1	2	0	0
16H,6-22	3972	38	3759	123	0	1	15	0	0	32	0	2	2	0	0
18H,6-24	4073	42	3850	125	0	1	16	0	0	35	0	2	2	0	0
24H,0-24	4250	49	4011	133	0	1	16	0	0	36	0	2	2	0	0

13412		WATERLOOVILLE				Site No: 13412011		Location	Site 1 - Elettra Ave, Waterloooville						
Fri 07-Jun-24 to Thu 13-Jun-24						Channel: Eastbound									
TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	CARS OR	LIGHT	BUSES	TWO AXLE,	THREE	FOUR OR	FOUR OR	FIVE AXLE ARTIC	SIX OR	FIVE OR	SIX AXLE	SEVEN	
			CAR-BASED LGV	GOODS VEHICLES		SIX TYRE, RIGID/BUSES	AXLE RIGID	MORE AXLE RIGID	LESS AXLE ARTIC		MORE AXLE ARTIC	LESS MULTI-TRAILER ARTIC	MULTI-TRAILER ARTIC	OR MORE AXLE ARTIC	
Mon 10-Jun-24															
00:00	21	3	17	1	0	0	0	0	0	0	0	0	0	0	0
01:00	17	0	15	2	0	0	0	0	0	0	0	0	0	0	0
02:00	10	1	9	0	0	0	0	0	0	0	0	0	0	0	0
03:00	2	0	1	0	0	0	0	0	0	0	1	0	0	0	0
04:00	10	0	8	1	0	0	1	0	0	0	0	0	0	0	0
05:00	57	0	52	5	0	0	0	0	0	0	0	0	0	0	0
06:00	125	0	110	9	0	2	3	0	1	0	0	0	0	0	0
07:00	255	0	227	20	0	0	3	0	4	1	0	0	0	0	0
08:00	352	0	322	20	0	0	3	0	7	0	0	0	0	0	0
09:00	450	2	406	32	0	1	3	0	6	0	0	0	0	0	0
10:00	485	2	446	29	1	0	5	0	2	0	0	0	0	0	0
11:00	503	3	455	30	0	1	4	0	7	0	2	1	0	0	0
12:00	500	1	460	25	1	2	4	0	6	0	0	1	0	0	0
13:00	493	3	452	27	0	0	3	0	7	0	1	0	0	0	0
14:00	477	2	426	37	1	2	4	0	4	1	0	0	0	0	0
15:00	422	4	384	25	0	2	1	2	4	0	0	0	0	0	0
16:00	602	4	550	22	1	3	6	6	6	0	1	3	0	0	0
17:00	624	1	584	17	1	2	10	2	5	2	0	0	0	0	0
18:00	462	5	435	15	0	0	5	0	2	0	0	0	0	0	0
19:00	301	2	287	6	0	0	2	0	3	0	0	1	0	0	0
20:00	290	2	278	8	0	0	1	0	1	0	0	0	0	0	0
21:00	144	3	140	1	0	0	0	0	0	0	0	0	0	0	0
22:00	68	1	66	1	0	0	0	0	0	0	0	0	0	0	0
23:00	43	0	39	2	0	0	2	0	0	0	0	0	0	0	0
12H,7-19	5625	27	5147	299	5	13	51	10	60	4	4	5	0	0	0
16H,6-22	6485	34	5962	323	5	15	57	10	65	4	4	6	0	0	0
18H,6-24	6596	35	6067	326	5	15	59	10	65	4	4	6	0	0	0
24H,0-24	6713	39	6169	335	5	15	60	10	65	4	5	6	0	0	0

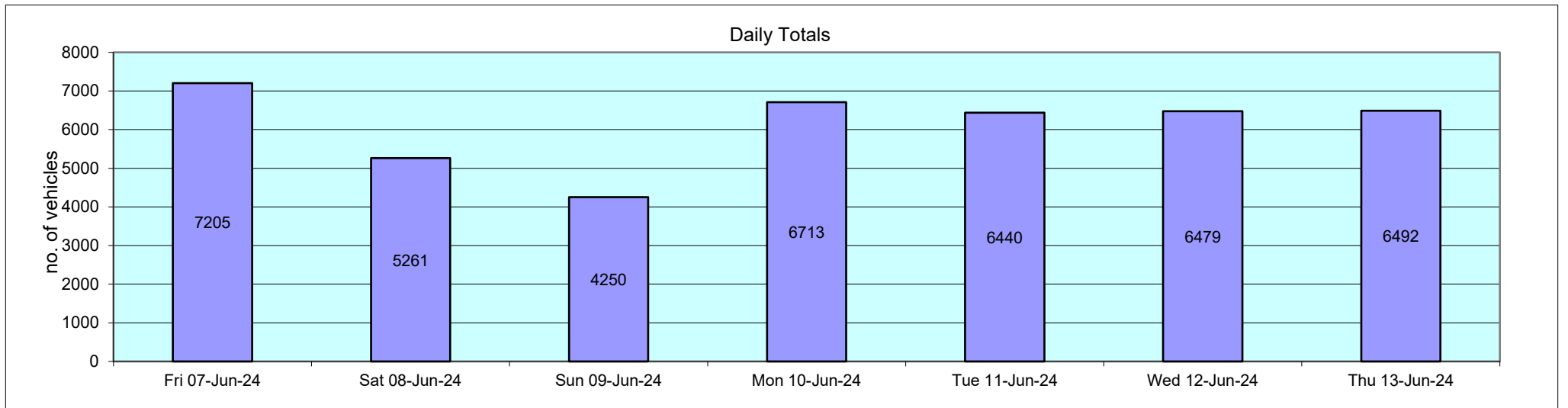
13412		WATERLOOVILLE				Site No: 13412011		Location	Site 1 - Elettra Ave, Waterloooville						
Fri 07-Jun-24 to Thu 13-Jun-24						Channel: Eastbound									
TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	CARS OR CAR-BASED LGV		LIGHT GOODS VEHICLES	BUSES	TWO AXLE, SIX TYRE, RIGID/BUSES	THREE AXLE RIGID	FOUR OR MORE AXLE RIGID	FOUR OR LESS AXLE ARTIC	FIVE AXLE ARTIC	SIX OR MORE AXLE ARTIC	FIVE OR LESS	SIX AXLE MULTI-TRAILER ARTIC	SEVEN OR MORE AXLE ARTIC
													AXLE MULTI-TRAILER ARTIC		
Tue 11-Jun-24															
00:00	16	2	13		0	0	0	1	0	0	0	0	0	0	0
01:00	15	0	11		3	0	1	0	0	0	0	0	0	0	0
02:00	8	0	6		1	0	0	0	0	0	0	1	0	0	0
03:00	6	0	4		1	1	0	0	0	0	0	0	0	0	0
04:00	11	0	9		1	0	0	1	0	0	0	0	0	0	0
05:00	35	0	27		3	0	0	2	1	2	0	0	0	0	0
06:00	139	1	130		5	0	1	2	0	0	0	0	0	0	0
07:00	274	1	243		25	0	0	2	0	3	0	0	0	0	0
08:00	358	4	311		33	0	1	2	0	7	0	0	0	0	0
09:00	368	2	328		29	0	1	3	0	5	0	0	0	0	0
10:00	467	0	413		36	0	3	8	1	5	0	1	0	0	0
11:00	483	1	440		35	1	0	3	0	3	0	0	0	0	0
12:00	472	2	435		23	0	0	5	0	7	0	0	0	0	0
13:00	432	2	391		24	2	0	4	1	6	0	1	1	0	0
14:00	449	6	406		26	0	2	3	0	6	0	0	0	0	0
15:00	410	3	356		24	2	4	9	1	11	0	0	0	0	0
16:00	555	4	506		21	2	2	8	1	9	1	0	1	0	0
17:00	592	5	544		23	1	1	7	2	6	0	0	2	1	0
18:00	462	3	435		18	0	0	2	0	4	0	0	0	0	0
19:00	368	3	349		12	0	0	2	0	2	0	0	0	0	0
20:00	256	3	247		4	0	0	1	0	0	0	0	1	0	0
21:00	147	3	140		4	0	0	0	0	0	0	0	0	0	0
22:00	71	2	68		1	0	0	0	0	0	0	0	0	0	0
23:00	46	3	42		1	0	0	0	0	0	0	0	0	0	0
12H,7-19	5322	33	4808		317	8	14	56	6	72	1	2	4	1	0
16H,6-22	6232	43	5674		342	8	15	61	6	74	1	2	5	1	0
18H,6-24	6349	48	5784		344	8	15	61	6	74	1	2	5	1	0
24H,0-24	6440	50	5854		353	9	16	65	7	76	1	3	5	1	0

13412		WATERLOOVILLE				Site No: 13412011		Location	Site 1 - Elettra Ave, Waterlooville						
Fri 07-Jun-24 to Thu 13-Jun-24						Channel: Eastbound									
TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	CARS OR	LIGHT	BUSES	TWO AXLE,	THREE	FOUR OR	FOUR OR	FIVE AXLE ARTIC	SIX OR	FIVE OR	SIX AXLE	SEVEN	
			CAR-BASED LGV	GOODS VEHICLES		SIX TYRE, RIGID/BUSES	AXLE RIGID	MORE AXLE RIGID	LESS AXLE ARTIC		MORE AXLE ARTIC	LESS MULTI-TRAILER ARTIC	MULTI-TRAILER ARTIC	OR MORE AXLE ARTIC	
Wed 12-Jun-24															
00:00	28	0	27	1	0	0	0	0	0	0	0	0	0	0	0
01:00	16	0	13	2	0	0	1	0	0	0	0	0	0	0	0
02:00	8	0	7	0	0	0	0	0	0	0	0	1	0	0	0
03:00	8	0	3	3	1	0	0	0	0	0	1	0	0	0	0
04:00	11	0	9	1	0	0	1	0	0	0	0	0	0	0	0
05:00	58	0	49	6	0	0	3	0	0	0	0	0	0	0	0
06:00	112	1	97	12	0	1	1	0	0	0	0	0	0	0	0
07:00	263	1	228	24	0	1	3	0	5	0	0	1	0	0	0
08:00	379	0	348	23	0	0	2	0	5	1	0	0	0	0	0
09:00	378	1	342	32	0	1	0	0	1	0	1	0	0	0	0
10:00	454	2	412	23	3	1	11	0	1	0	0	1	0	0	0
11:00	405	0	374	22	0	0	3	0	5	1	0	0	0	0	0
12:00	524	3	488	19	1	1	2	0	10	0	0	0	0	0	0
13:00	442	1	410	20	0	3	1	0	6	0	0	1	0	0	0
14:00	427	4	386	29	0	2	5	0	1	0	0	0	0	0	0
15:00	469	9	418	25	0	2	7	0	5	1	0	2	0	0	0
16:00	535	1	486	22	1	2	12	4	5	0	2	0	0	0	0
17:00	637	2	609	4	3	1	4	1	11	0	1	1	0	0	0
18:00	485	5	457	16	0	0	0	0	6	0	0	1	0	0	0
19:00	343	3	328	8	0	0	1	0	2	0	0	1	0	0	0
20:00	241	6	223	12	0	0	0	0	0	0	0	0	0	0	0
21:00	136	3	130	3	0	0	0	0	0	0	0	0	0	0	0
22:00	74	1	72	1	0	0	0	0	0	0	0	0	0	0	0
23:00	46	1	43	2	0	0	0	0	0	0	0	0	0	0	0
12H,7-19	5398	29	4958	259	8	14	50	5	61	3	4	7	0	0	0
16H,6-22	6230	42	5736	294	8	15	52	5	63	3	4	8	0	0	0
18H,6-24	6350	44	5851	297	8	15	52	5	63	3	4	8	0	0	0
24H,0-24	6479	44	5959	310	9	15	57	5	63	3	5	9	0	0	0

13412		WATERLOOVILLE				Site No: 13412011		Location	Site 1 - Elettra Ave, Waterloooville						
Fri 07-Jun-24 to Thu 13-Jun-24						Channel: Eastbound									
TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	CARS OR CAR-BASED		LIGHT GOODS VEHICLES	BUSES	TWO AXLE, SIX TYRE, RIGID/BUSES	THREE AXLE RIGID	FOUR OR MORE AXLE RIGID	FOUR OR LESS AXLE ARTIC	FIVE AXLE ARTIC	SIX OR MORE AXLE ARTIC	FIVE OR LESS	SIX AXLE MULTI-TRAILER ARTIC	SEVEN OR MORE AXLE ARTIC
			LGV	VEHICLES									AXLE MULTI-TRAILER ARTIC		
Thu 13-Jun-24															
00:00	27	0	26	1	0	0	0	0	0	0	0	0	0	0	0
01:00	17	0	14	2	0	0	1	0	0	0	0	0	0	0	0
02:00	10	0	10	0	0	0	0	0	0	0	0	0	0	0	0
03:00	5	0	5	0	0	0	0	0	0	0	0	0	0	0	0
04:00	13	0	11	0	0	1	0	0	0	0	1	0	0	0	0
05:00	40	0	29	7	0	0	2	1	1	0	0	0	0	0	0
06:00	133	1	113	12	1	1	3	0	2	0	0	0	0	0	0
07:00	264	1	229	26	0	1	3	0	3	0	0	1	0	0	0
08:00	390	2	337	35	0	0	5	0	11	0	0	0	0	0	0
09:00	398	3	351	33	0	0	3	0	7	0	0	1	0	0	0
10:00	496	3	446	35	0	0	2	1	8	0	0	1	0	0	0
11:00	487	4	438	28	1	0	8	0	6	0	1	1	0	0	0
12:00	527	2	477	33	1	1	1	0	11	0	0	0	1	0	0
13:00	436	2	393	31	1	1	2	0	5	0	0	1	0	0	0
14:00	446	4	403	28	0	2	2	0	5	0	0	2	0	0	0
15:00	484	8	446	16	1	1	8	0	3	0	0	1	0	0	0
16:00	509	3	467	21	0	0	8	1	4	1	2	2	0	0	0
17:00	552	1	513	14	4	1	11	1	4	0	1	2	0	0	0
18:00	425	1	401	12	1	0	4	0	4	1	1	0	0	0	0
19:00	317	0	298	7	0	0	8	0	4	0	0	0	0	0	0
20:00	273	1	262	6	0	0	4	0	0	0	0	0	0	0	0
21:00	131	4	121	5	0	0	0	0	0	0	0	1	0	0	0
22:00	64	2	59	1	0	0	1	0	1	0	0	0	0	0	0
23:00	48	1	44	1	0	0	0	0	1	0	0	1	0	0	0
12H,7-19	5414	34	4901	312	9	7	57	3	71	2	5	12	1	0	0
16H,6-22	6268	40	5695	342	10	8	72	3	77	2	5	13	1	0	0
18H,6-24	6380	43	5798	344	10	8	73	3	79	2	5	14	1	0	0
24H,0-24	6492	43	5893	354	10	9	76	4	80	2	6	14	1	0	0

13412 **WATERLOOVILLE** **Site No: 13412011** **Location** **Site 1 - Elettra Ave, Waterloooville**
Fri 07-Jun-24 to Thu 13-Jun-24 **Channel: Eastbound**

TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	CARS OR CAR-BASED LGV	LIGHT GOODS VEHICLES	BUSES	TWO AXLE, SIX TYRE, RIGID/BUSES	THREE AXLE RIGID	FOUR OR MORE AXLE RIGID	FOUR OR LESS AXLE ARTIC	FIVE AXLE ARTIC	SIX OR MORE AXLE ARTIC	FIVE OR LESS	SIX AXLE MULTI-TRAILER ARTIC	SEVEN OR MORE
												AXLE MULTI-TRAILER ARTIC		AXLE OR MORE
Daily Totals														
Fri 07-Jun-24	7205	52	6647	328	10	9	48	6	93	0	8	4	0	0
Sat 08-Jun-24	5261	50	4927	190	3	3	28	1	55	0	0	4	0	0
Sun 09-Jun-24	4250	49	4011	133	0	1	16	0	36	0	2	2	0	0
Mon 10-Jun-24	6713	39	6169	335	5	15	60	10	65	4	5	6	0	0
Tue 11-Jun-24	6440	50	5854	353	9	16	65	7	76	1	3	5	1	0
Wed 12-Jun-24	6479	44	5959	310	9	15	57	5	63	3	5	9	0	0
Thu 13-Jun-24	6492	43	5893	354	10	9	76	4	80	2	6	14	1	0
Total Vehicles														
[--]	42840	327	39460	2003	46	68	350	33	468	10	29	44	2	0



13412		WATERLOOVILLE								
JUNE 2024					Posted Speed Limit (PSL)	Total Vehicles	5 Day Ave.	7 Day Ave.	Average 85%ile Speed	Average Mean Speed
Site	Location	Direction	Start Date	End Date						
Site No: 13412002	Site 2n - Hambledon Rd, Waterlooville S of Ellettra Ave 50.885341, -1.038711	Channel: Northbound	Fri 07-Jun-24	Thu 13-Jun-24	40	105453	16121	15065	29.5	23.3

13412		WATERLOOVILLE				Site No: 13412002		Location	Site 2n - Hambledon Rd, Waterloooville						
Fri 07-Jun-24 to Thu 13-Jun-24						Channel: Northbound									
TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	CARS OR CAR-BASED LGV		LIGHT GOODS VEHICLES	BUSES	TWO AXLE, SIX TYRE, RIGID/BUSES	THREE AXLE RIGID	FOUR OR MORE AXLE RIGID	FOUR OR LESS AXLE ARTIC	FIVE AXLE ARTIC	SIX OR MORE AXLE ARTIC	FIVE OR LESS	SIX AXLE MULTI-TRAILER ARTIC	SEVEN OR MORE AXLE ARTIC
			AXLE	TRAILER											
Fri 07-Jun-24															
00:00	45	3	40		1	0	0	1	0	0	0	0	0	0	0
01:00	28	0	28		0	0	0	0	0	0	0	0	0	0	0
02:00	19	0	17		0	0	0	1	0	1	0	0	0	0	0
03:00	36	0	32		3	0	0	0	1	0	0	0	0	0	0
04:00	115	1	102		9	1	0	2	0	0	0	0	0	0	0
05:00	340	6	301		16	3	1	8	1	2	1	0	1	0	0
06:00	846	7	767		25	2	2	26	2	9	0	3	3	0	0
07:00	1150	21	1009		46	1	3	30	12	9	1	7	11	0	0
08:00	1084	7	941		76	6	7	13	12	18	0	0	4	0	0
09:00	1062	8	940		57	3	9	14	11	18	0	1	1	0	0
10:00	1121	5	975		72	3	4	14	26	16	0	5	1	0	0
11:00	1210	14	1056		52	2	2	24	26	22	2	3	7	0	0
12:00	1187	13	1045		64	5	2	22	17	12	1	2	4	0	0
13:00	1245	10	1068		95	5	4	27	16	15	0	2	2	1	0
14:00	1242	16	1040		81	4	5	34	28	25	1	3	5	0	0
15:00	1359	13	1175		57	4	7	24	42	25	0	6	6	0	0
16:00	1413	21	1249		49	3	4	34	24	22	1	6	0	0	0
17:00	1145	17	1021		39	3	2	11	23	18	1	3	6	1	0
18:00	784	5	713		24	3	1	8	18	8	1	1	1	1	0
19:00	599	10	543		11	2	1	8	9	11	1	2	1	0	0
20:00	403	11	371		9	0	1	4	2	3	0	0	2	0	0
21:00	347	9	320		10	2	0	3	2	0	0	0	1	0	0
22:00	256	3	239		4	2	1	4	0	3	0	0	0	0	0
23:00	163	1	159		1	1	0	1	0	0	0	0	0	0	0
12H,7-19	14002	150	12232		712	42	50	255	255	208	8	39	48	3	0
16H,6-22	16197	187	14233		767	48	54	296	270	231	9	44	55	3	0
18H,6-24	16616	191	14631		772	51	55	301	270	234	9	44	55	3	0
24H,0-24	17199	201	15151		801	55	56	313	272	237	10	44	56	3	0

13412		WATERLOOVILLE				Site No: 13412002		Location	Site 2n - Hambledon Rd, Waterloooville						
Fri 07-Jun-24 to Thu 13-Jun-24						Channel: Northbound									
TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	CARS OR CAR-BASED LGV		LIGHT GOODS VEHICLES	BUSES	TWO AXLE, SIX TYRE, RIGID/BUSES	THREE AXLE RIGID	FOUR OR MORE AXLE RIGID	FOUR OR LESS AXLE ARTIC	FIVE AXLE ARTIC	SIX OR MORE AXLE ARTIC	FIVE OR LESS	SIX AXLE MULTI-TRAILER ARTIC	SEVEN OR MORE AXLE ARTIC
			TRAILER	TRAILER											
Sat 08-Jun-24															
00:00	90	3	82	4	0	0	1	0	0	0	0	0	0	0	0
01:00	43	0	42	1	0	0	0	0	0	0	0	0	0	0	0
02:00	36	1	33	0	0	0	2	0	0	0	0	0	0	0	0
03:00	27	0	27	0	0	0	0	0	0	0	0	0	0	0	0
04:00	59	0	51	5	1	0	1	0	0	0	0	0	1	0	0
05:00	123	6	105	6	2	0	1	1	0	1	0	0	1	0	0
06:00	296	6	258	24	2	1	2	0	1	1	1	1	0	0	0
07:00	613	7	557	19	2	5	11	5	6	0	0	0	1	0	0
08:00	856	5	771	46	3	3	8	10	8	0	0	0	2	0	0
09:00	1086	10	992	28	3	3	17	13	17	0	2	0	1	0	0
10:00	1114	6	998	44	4	2	18	22	12	0	4	0	3	1	0
11:00	1133	14	1019	28	2	1	21	22	16	1	3	0	6	0	0
12:00	1081	10	989	31	3	2	15	18	10	0	2	0	1	0	0
13:00	1009	8	911	33	3	1	17	18	15	0	1	0	2	0	0
14:00	1001	15	918	30	4	2	16	9	5	0	2	0	0	0	0
15:00	1031	8	942	22	1	1	20	15	12	0	5	0	4	1	0
16:00	1046	10	953	28	3	3	10	22	11	0	2	0	4	0	0
17:00	881	12	792	32	3	1	12	11	15	0	2	0	1	0	0
18:00	709	14	647	21	3	0	8	10	6	0	0	0	0	0	0
19:00	480	7	442	10	4	1	7	3	4	1	0	0	1	0	0
20:00	365	9	329	13	3	0	5	2	2	0	0	0	2	0	0
21:00	309	7	281	9	1	0	4	2	5	0	0	0	0	0	0
22:00	235	2	221	4	2	1	1	1	3	0	0	0	0	0	0
23:00	169	5	155	4	0	0	5	0	0	0	0	0	0	0	0
12H,7-19	11560	119	10489	362	34	24	173	175	133	1	23	0	25	2	0
16H,6-22	13010	148	11799	418	44	26	191	182	145	3	24	0	28	2	0
18H,6-24	13414	155	12175	426	46	27	197	183	148	3	24	0	28	2	0
24H,0-24	13792	165	12515	442	49	27	202	184	148	4	24	0	30	2	0

13412		WATERLOOVILLE				Site No: 13412002		Location	Site 2n - Hambledon Rd, Waterloooville						
Fri 07-Jun-24 to Thu 13-Jun-24						Channel: Northbound									
TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	CARS OR CAR-BASED LGV		LIGHT GOODS VEHICLES	BUSES	TWO AXLE, SIX TYRE, RIGID/BUSES	THREE AXLE RIGID	FOUR OR MORE AXLE RIGID	FOUR OR LESS AXLE ARTIC	FIVE AXLE ARTIC	SIX OR MORE AXLE ARTIC	FIVE OR LESS	SIX AXLE MULTI-TRAILER ARTIC	SEVEN OR MORE AXLE ARTIC
													AXLE MULTI-TRAILER		
Sun 09-Jun-24															
00:00	86	2	76	4	1	0	1	0	1	0	0	0	1	0	0
01:00	53	0	50	1	0	0	1	0	1	0	0	0	0	0	0
02:00	31	2	28	1	0	0	0	0	0	0	0	0	0	0	0
03:00	47	0	47	0	0	0	0	0	0	0	0	0	0	0	0
04:00	32	0	29	3	0	0	0	0	0	0	0	0	0	0	0
05:00	78	3	67	4	1	0	2	0	0	1	0	0	0	0	0
06:00	200	3	181	5	1	1	5	1	1	0	0	2	0	0	0
07:00	345	4	311	15	2	2	7	1	2	1	0	0	0	0	0
08:00	503	9	456	22	3	1	6	4	2	0	0	0	0	0	0
09:00	799	15	705	38	2	2	11	11	11	0	4	0	0	0	0
10:00	1056	12	958	16	2	1	10	23	26	0	7	1	0	0	0
11:00	1196	11	1089	42	1	1	19	11	14	0	5	3	0	0	0
12:00	1094	14	993	30	1	1	13	22	15	0	2	2	1	0	0
13:00	982	7	893	35	0	1	6	17	16	1	6	0	0	0	0
14:00	984	10	900	30	3	0	17	16	8	0	0	0	0	0	0
15:00	888	5	814	36	4	0	5	10	12	1	1	0	0	0	0
16:00	663	8	615	17	6	0	4	6	4	0	1	2	0	0	0
17:00	564	5	511	24	3	0	3	7	8	0	2	1	0	0	0
18:00	480	7	439	17	3	0	3	3	6	0	2	0	0	0	0
19:00	357	10	323	16	1	1	0	2	2	1	0	1	0	0	0
20:00	250	3	233	8	2	1	3	0	0	0	0	0	0	0	0
21:00	187	5	179	0	2	0	0	0	1	0	0	0	0	0	0
22:00	113	4	104	1	2	0	1	0	1	0	0	0	0	0	0
23:00	68	2	62	3	1	0	0	0	0	0	0	0	0	0	0
12H,7-19	9554	107	8684	322	30	9	104	131	124	3	30	9	1	0	0
16H,6-22	10548	128	9600	351	36	12	112	134	128	4	30	12	1	0	0
18H,6-24	10729	134	9766	355	39	12	113	134	129	4	30	12	1	0	0
24H,0-24	11056	141	10063	368	41	12	117	134	131	5	30	13	1	0	0

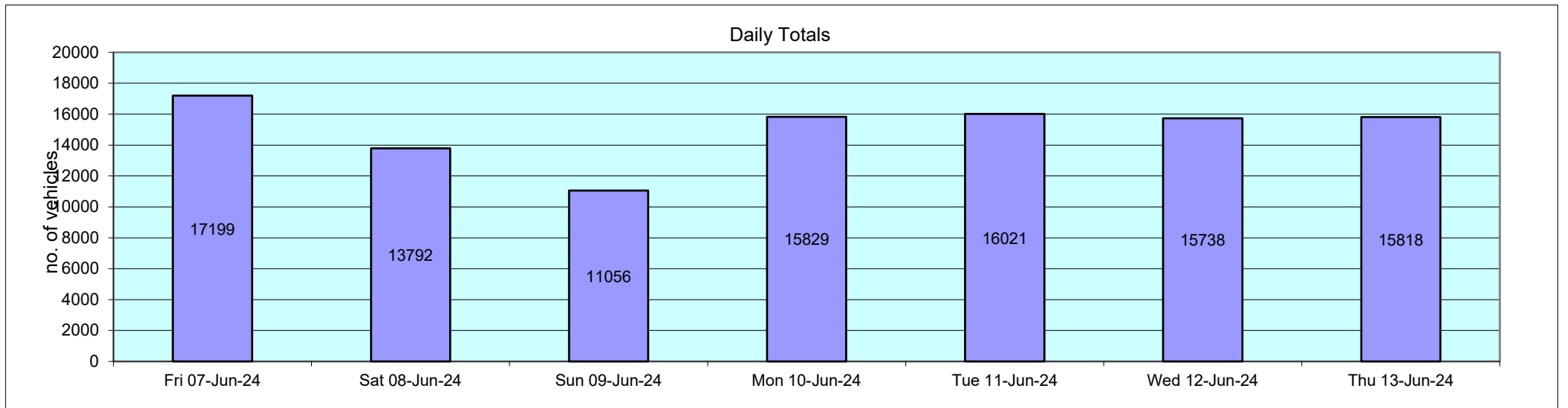
13412		WATERLOOVILLE				Site No: 13412002		Location	Site 2n - Hambledon Rd, Waterlooville						
Fri 07-Jun-24 to Thu 13-Jun-24						Channel: Northbound									
TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	CARS OR CAR-BASED LGV		LIGHT GOODS VEHICLES	BUSES	TWO AXLE, SIX TYRE, RIGID/BUSES	THREE AXLE RIGID	FOUR OR MORE AXLE RIGID	FOUR OR LESS AXLE ARTIC	FIVE AXLE ARTIC	SIX OR MORE AXLE ARTIC	FIVE OR LESS AXLE MULTI-TRAILER ARTIC		SEVEN OR MORE AXLE ARTIC
Mon 10-Jun-24															
00:00	35	3	27		4	0	0	1	0	0	0	0	0	0	0
01:00	20	1	19		0	0	0	0	0	0	0	0	0	0	0
02:00	23	0	20		3	0	0	0	0	0	0	0	0	0	0
03:00	20	0	20		0	0	0	0	0	0	0	0	0	0	0
04:00	98	1	83		10	2	0	2	0	0	0	0	0	0	0
05:00	268	1	230		25	0	2	6	2	2	0	0	0	0	0
06:00	841	9	755		30	1	1	17	5	9	6	6	2	0	0
07:00	1265	15	1126		25	2	2	42	9	19	5	6	14	0	0
08:00	999	2	851		78	3	5	18	9	24	1	3	5	0	0
09:00	949	9	841		52	1	1	20	9	7	1	3	4	1	0
10:00	1055	8	937		58	3	6	14	13	11	1	1	3	0	0
11:00	1042	6	907		48	6	7	18	22	18	0	5	5	0	0
12:00	1036	10	898		56	3	3	20	22	20	0	2	1	1	0
13:00	1074	10	915		75	6	6	20	26	11	2	2	0	1	0
14:00	1163	8	997		67	4	7	18	28	25	0	3	4	2	0
15:00	1311	14	1126		70	5	1	35	34	18	1	1	6	0	0
16:00	1426	14	1258		55	3	2	33	27	24	1	7	2	0	0
17:00	1085	12	965		50	3	2	14	19	14	1	4	1	0	0
18:00	797	7	725		22	3	1	14	12	11	1	0	1	0	0
19:00	530	10	478		20	2	2	8	1	8	0	0	1	0	0
20:00	390	13	351		12	3	1	5	3	0	0	0	2	0	0
21:00	233	5	215		7	1	1	2	0	1	0	1	0	0	0
22:00	110	2	102		3	2	1	0	0	0	0	0	0	0	0
23:00	59	1	55		1	1	0	0	1	0	0	0	0	0	0
12H,7-19	13202	115	11546		656	42	43	266	230	202	14	37	46	5	0
16H,6-22	15196	152	13345		725	49	48	298	239	220	20	44	51	5	0
18H,6-24	15365	155	13502		729	52	49	298	240	220	20	44	51	5	0
24H,0-24	15829	161	13901		771	54	51	307	242	222	20	44	51	5	0

13412		WATERLOOVILLE				Site No: 13412002		Location	Site 2n - Hambledon Rd, Waterloooville						
Fri 07-Jun-24 to Thu 13-Jun-24						Channel: Northbound									
TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	CARS OR CAR-BASED LGV		LIGHT GOODS VEHICLES	BUSES	TWO AXLE, SIX TYRE, RIGID/BUSES	THREE AXLE RIGID	FOUR OR MORE AXLE RIGID	FOUR OR LESS AXLE ARTIC	FIVE AXLE ARTIC	SIX OR MORE AXLE ARTIC	FIVE OR LESS	SIX AXLE MULTI-TRAILER ARTIC	SEVEN OR MORE AXLE ARTIC
			AXLE	TRAILER											
Tue 11-Jun-24															
00:00	41	1	36	4	0	0	0	0	0	0	0	0	0	0	0
01:00	23	1	21	1	0	0	0	0	0	0	0	0	0	0	0
02:00	19	0	19	0	0	0	0	0	0	0	0	0	0	0	0
03:00	22	0	22	0	0	0	0	0	0	0	0	0	0	0	0
04:00	107	2	95	6	0	1	2	1	0	0	0	0	0	0	0
05:00	348	8	296	31	2	0	9	0	0	0	0	0	2	0	0
06:00	815	11	718	36	0	0	22	5	10	0	3	10	0	0	0
07:00	1099	22	943	63	2	2	17	12	22	2	6	8	0	0	0
08:00	1003	4	887	56	3	3	16	15	13	1	2	3	0	0	0
09:00	964	9	807	77	7	8	14	19	17	0	5	1	0	0	0
10:00	1019	11	874	74	6	6	18	9	13	2	3	2	1	0	0
11:00	1059	6	924	58	3	7	20	20	13	0	4	4	0	0	0
12:00	1058	8	907	69	4	7	23	19	15	0	4	2	0	0	0
13:00	1109	6	965	78	2	4	16	14	20	0	2	2	0	0	0
14:00	1196	11	1034	73	8	4	20	25	15	0	2	3	1	0	0
15:00	1317	16	1132	68	8	3	29	30	25	0	4	2	0	0	0
16:00	1452	14	1260	48	8	2	38	46	23	2	8	2	1	0	0
17:00	1055	9	931	39	3	2	24	23	17	1	3	3	0	0	0
18:00	859	12	769	36	3	2	11	11	11	1	0	3	0	0	0
19:00	578	12	519	17	1	1	11	6	7	2	1	1	0	0	0
20:00	346	6	311	14	1	0	7	5	2	0	0	0	0	0	0
21:00	305	5	285	6	1	0	4	2	2	0	0	0	0	0	0
22:00	152	5	139	5	1	1	1	0	0	0	0	0	0	0	0
23:00	75	3	69	1	1	0	1	0	0	0	0	0	0	0	0
12H,7-19	13190	128	11433	739	57	50	246	243	204	9	43	35	3	0	0
16H,6-22	15234	162	13266	812	60	51	290	261	225	11	47	46	3	0	0
18H,6-24	15461	170	13474	818	62	52	292	261	225	11	47	46	3	0	0
24H,0-24	16021	182	13963	860	64	53	303	262	225	11	47	48	3	0	0

13412						WATERLOOVILLE		Site No: 13412002		Location		Site 2n - Hambledon Rd, Waterloooville				
Fri 07-Jun-24 to Thu 13-Jun-24						Channel: Northbound										
TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	CARS OR CAR-BASED LGV		LIGHT GOODS VEHICLES	BUSES	TWO AXLE, SIX TYRE, RIGID/BUSES	THREE AXLE RIGID	FOUR OR MORE AXLE RIGID	FOUR OR LESS AXLE ARTIC	FIVE AXLE ARTIC	SIX OR MORE AXLE ARTIC	FIVE OR LESS AXLE MULTI-TRAILER ARTIC		SEVEN OR MORE AXLE ARTIC	
Wed 12-Jun-24																
00:00	41	0	38		3	0	0	0	0	0	0	0	0	0	0	
01:00	23	2	19		2	0	0	0	0	0	0	0	0	0	0	
02:00	30	1	25		1	0	0	3	0	0	0	0	0	0	0	
03:00	19	0	19		0	0	0	0	0	0	0	0	0	0	0	
04:00	88	1	76		8	0	0	2	0	0	0	1	0	0	0	
05:00	317	9	275		24	2	1	6	0	0	0	0	0	0	0	
06:00	772	14	663		54	3	3	16	4	11	0	2	2	0	0	
07:00	1067	8	914		76	2	4	16	17	15	1	8	5	1	0	
08:00	964	7	826		78	3	7	11	11	17	1	2	1	0	0	
09:00	879	4	754		64	4	8	12	15	13	1	3	0	1	0	
10:00	969	6	834		59	3	7	23	14	14	1	4	4	0	0	
11:00	1022	3	914		48	3	5	15	16	14	1	2	1	0	0	
12:00	1084	6	927		67	5	5	21	30	15	0	0	8	0	0	
13:00	1099	11	920		87	3	8	23	16	20	3	4	3	1	0	
14:00	1106	12	938		62	4	7	24	31	18	0	6	3	1	0	
15:00	1378	15	1169		72	5	2	41	35	28	1	5	4	1	0	
16:00	1450	19	1242		50	3	2	56	42	24	1	9	2	0	0	
17:00	1068	7	954		41	4	0	15	26	16	1	4	0	0	0	
18:00	831	17	734		34	3	2	14	6	11	1	6	2	1	0	
19:00	596	6	543		21	1	2	7	7	8	0	0	1	0	0	
20:00	431	6	399		11	0	0	3	4	5	1	0	1	1	0	
21:00	284	3	261		7	3	1	3	1	4	0	0	1	0	0	
22:00	145	4	128		3	2	1	5	1	0	0	0	1	0	0	
23:00	75	1	70		2	1	0	1	0	0	0	0	0	0	0	
12H,7-19	12917	115	11126		738	42	57	271	259	205	12	53	33	6	0	
16H,6-22	15000	144	12992		831	49	63	300	275	233	13	55	38	7	0	
18H,6-24	15220	149	13190		836	52	64	306	276	233	13	55	39	7	0	
24H,0-24	15738	162	13642		874	54	65	317	276	233	13	56	39	7	0	

13412		WATERLOOVILLE				Site No: 13412002		Location	Site 2n - Hambledon Rd, Waterlooville						
Fri 07-Jun-24 to Thu 13-Jun-24						Channel: Northbound									
TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	CARS OR CAR-BASED LGV		LIGHT GOODS VEHICLES	BUSES	TWO AXLE, SIX TYRE, RIGID/BUSES	THREE AXLE RIGID	FOUR OR MORE AXLE RIGID	FOUR OR LESS AXLE ARTIC	FIVE AXLE ARTIC	SIX OR MORE AXLE ARTIC	FIVE OR LESS	SIX AXLE MULTI-TRAILER ARTIC	SEVEN OR MORE AXLE ARTIC
													AXLE MULTI-TRAILER ARTIC		
Thu 13-Jun-24															
00:00	39	3	34		1	0	0	0	0	0	0	0	1	0	0
01:00	33	2	30		1	0	0	0	0	0	0	0	0	0	0
02:00	17	0	16		0	0	0	1	0	0	0	0	0	0	0
03:00	19	1	14		4	0	0	0	0	0	0	0	0	0	0
04:00	98	0	84		11	1	0	1	1	0	0	0	0	0	0
05:00	319	9	263		37	3	0	5	0	1	0	1	0	0	0
06:00	748	11	645		53	2	0	22	4	6	2	1	1	1	0
07:00	1157	6	1005		77	1	2	15	12	28	2	6	3	0	0
08:00	1057	5	905		80	7	7	17	14	11	2	4	5	0	0
09:00	965	8	834		73	4	3	14	14	12	0	1	2	0	0
10:00	979	8	851		55	5	5	17	12	13	0	9	4	0	0
11:00	1150	8	999		66	4	1	25	25	12	2	2	5	1	0
12:00	1119	11	972		72	7	2	13	19	13	0	5	5	0	0
13:00	1122	8	980		60	4	5	20	25	17	1	2	0	0	0
14:00	1225	20	1029		60	1	5	30	41	21	1	12	5	0	0
15:00	1436	21	1258		47	3	2	36	29	26	0	2	11	1	0
16:00	1363	17	1189		34	2	1	43	34	21	2	9	11	0	0
17:00	735	14	671		17	1	1	8	5	13	0	0	5	0	0
18:00	793	10	725		12	2	1	23	5	6	2	2	4	1	0
19:00	588	5	530		18	2	2	11	6	7	1	3	3	0	0
20:00	380	4	353		5	1	2	8	2	0	0	0	5	0	0
21:00	268	3	245		9	2	2	4	1	1	0	0	1	0	0
22:00	139	4	128		3	2	0	2	0	0	0	0	0	0	0
23:00	69	1	64		3	0	0	1	0	0	0	0	0	0	0
12H,7-19	13101	136	11418		653	41	35	261	235	193	12	54	60	3	0
16H,6-22	15085	159	13191		738	48	41	306	248	207	15	58	70	4	0
18H,6-24	15293	164	13383		744	50	41	309	248	207	15	58	70	4	0
24H,0-24	15818	179	13824		798	54	41	316	249	208	15	59	71	4	0

13412		WATERLOOVILLE				Site No: 13412002		Location	Site 2n - Hambledon Rd, Waterloooville					
Fri 07-Jun-24 to Thu 13-Jun-24						Channel: Northbound								
TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	CARS OR CAR-BASED LGV	LIGHT GOODS VEHICLES	BUSES	TWO AXLE, SIX TYRE, RIGID/BUSES	THREE AXLE RIGID	FOUR OR MORE AXLE RIGID	FOUR OR LESS AXLE ARTIC	FIVE AXLE ARTIC	SIX OR MORE AXLE ARTIC	FIVE OR LESS	SIX AXLE MULTI-TRAILER ARTIC	SEVEN OR MORE AXLE ARTIC
												AXLE MULTI-TRAILER ARTIC		
Daily Totals														
Fri 07-Jun-24	17199	201	15151	801	55	56	313	272	237	10	44	56	3	0
Sat 08-Jun-24	13792	165	12515	442	49	27	202	184	148	4	24	30	2	0
Sun 09-Jun-24	11056	141	10063	368	41	12	117	134	131	5	30	13	1	0
Mon 10-Jun-24	15829	161	13901	771	54	51	307	242	222	20	44	51	5	0
Tue 11-Jun-24	16021	182	13963	860	64	53	303	262	225	11	47	48	3	0
Wed 12-Jun-24	15738	162	13642	874	54	65	317	276	233	13	56	39	7	0
Thu 13-Jun-24	15818	179	13824	798	54	41	316	249	208	15	59	71	4	0
Total Vehicles														
[--]	105453	1191	93059	4914	371	305	1875	1619	1404	78	304	308	25	0



13412		WATERLOOVILLE								
JUNE 2024					Posted Speed Limit (PSL)	Total Vehicles	5 Day Ave.	7 Day Ave.	Average 85%ile Speed	Average Mean Speed
Site	Location	Direction	Start Date	End Date						
Site No: 13412022	Site 2s - Hambledon Rd, Waterlooville S of Elettra Ave 50.885001, -1.038171	Channel: Southbound	Fri 07-Jun-24	Thu 13-Jun-24	40	106561	16271	15223	35.3	29.4

13412		WATERLOOVILLE				Site No: 13412022		Location	Site 2s - Hambledon Rd, Waterloooville						
Fri 07-Jun-24 to Thu 13-Jun-24						Channel: Southbound									
TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	CARS OR CAR-BASED		LIGHT GOODS VEHICLES	BUSES	TWO AXLE, SIX TYRE, RIGID/BUSES	THREE AXLE RIGID	FOUR OR MORE AXLE RIGID	FOUR OR LESS AXLE ARTIC	FIVE AXLE ARTIC	SIX OR MORE AXLE ARTIC	FIVE OR LESS	SIX AXLE MULTI-TRAILER ARTIC	SEVEN OR MORE AXLE ARTIC
			LGV	VEHICLES									AXLE MULTI-TRAILER ARTIC		
Fri 07-Jun-24															
00:00	36	3	28	4	0	1	0	0	0	0	0	0	0	0	0
01:00	30	0	29	1	0	0	0	0	0	0	0	0	0	0	0
02:00	29	0	26	2	1	0	0	0	0	0	0	0	0	0	0
03:00	42	2	30	7	0	1	1	0	0	0	1	0	0	0	0
04:00	141	2	121	12	1	1	3	0	0	0	1	0	0	0	0
05:00	402	10	332	49	2	2	2	1	4	0	0	0	0	0	0
06:00	929	17	774	106	5	5	7	5	7	0	2	1	0	0	0
07:00	1228	10	1067	103	6	8	12	6	13	1	0	2	0	0	0
08:00	1258	5	1109	84	5	10	22	9	5	0	4	4	1	0	0
09:00	1177	12	1051	67	4	8	13	4	15	0	2	1	0	0	0
10:00	1175	6	1063	73	1	8	8	8	7	0	1	0	0	0	0
11:00	1204	13	1080	60	4	4	13	11	17	0	1	1	0	0	0
12:00	1183	15	1065	56	3	11	14	6	12	0	1	0	0	0	0
13:00	1170	10	1026	80	3	3	15	11	16	0	4	2	0	0	0
14:00	1208	12	1062	87	4	8	15	10	7	0	2	1	0	0	0
15:00	1199	9	1057	61	6	6	16	22	20	0	2	0	0	0	0
16:00	1253	15	1116	67	3	4	19	12	12	1	2	1	1	0	0
17:00	1047	8	962	46	5	1	7	7	9	0	2	0	0	0	0
18:00	802	12	742	33	1	2	3	4	5	0	0	0	0	0	0
19:00	516	10	469	23	2	1	2	4	4	0	0	1	0	0	0
20:00	385	12	348	13	2	3	3	0	4	0	0	0	0	0	0
21:00	289	7	269	7	1	2	0	0	3	0	0	0	0	0	0
22:00	205	10	185	8	2	0	0	0	0	0	0	0	0	0	0
23:00	108	1	98	7	1	1	0	0	0	0	0	0	0	0	0
12H,7-19	13904	127	12400	817	45	73	157	110	138	2	21	12	2	0	0
16H,6-22	16023	173	14260	966	55	84	169	119	156	2	23	14	2	0	0
18H,6-24	16336	184	14543	981	58	85	169	119	156	2	23	14	2	0	0
24H,0-24	17016	201	15109	1056	62	90	175	120	160	2	25	14	2	0	0

13412		WATERLOOVILLE				Site No: 13412022		Location	Site 2s - Hambledon Rd, Waterloooville						
Fri 07-Jun-24 to Thu 13-Jun-24						Channel: Southbound									
TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	CARS OR CAR-BASED		LIGHT GOODS VEHICLES	BUSES	TWO AXLE, SIX TYRE, RIGID/BUSES	THREE AXLE RIGID	FOUR OR MORE AXLE RIGID	FOUR OR LESS AXLE ARTIC	FIVE AXLE ARTIC	SIX OR MORE AXLE ARTIC	FIVE OR LESS	SIX AXLE MULTI-TRAILER ARTIC	SEVEN OR MORE AXLE ARTIC
			LGV	VEHICLES									AXLE MULTI-TRAILER		
Sat 08-Jun-24															
00:00	59	1	52	5	0	1	0	0	0	0	0	0	0	0	0
01:00	51	1	48	1	1	0	0	0	0	0	0	0	0	0	0
02:00	36	1	32	2	1	0	0	0	0	0	0	0	0	0	0
03:00	32	0	25	3	1	2	0	0	1	0	0	0	0	0	0
04:00	76	2	65	7	1	0	0	0	0	0	1	0	0	0	0
05:00	173	3	146	16	3	3	0	1	1	0	0	0	0	0	0
06:00	353	7	299	37	2	0	2	2	4	0	0	0	0	0	0
07:00	822	9	749	43	3	2	8	4	3	0	1	0	0	0	0
08:00	1122	3	1033	58	2	3	9	3	9	0	1	1	0	0	0
09:00	1257	14	1156	45	3	7	10	12	9	0	0	1	0	0	0
10:00	1237	9	1143	41	3	5	9	12	13	0	0	2	0	0	0
11:00	1121	20	1016	46	2	5	13	8	9	0	1	0	1	0	0
12:00	1067	9	976	47	5	2	11	7	9	0	1	0	0	0	0
13:00	1090	10	1009	40	1	2	10	8	9	1	0	0	0	0	0
14:00	906	14	826	41	4	2	8	5	6	0	0	0	0	0	0
15:00	840	11	779	28	3	3	4	7	4	0	1	0	0	0	0
16:00	904	9	833	32	4	2	7	9	6	0	1	0	1	0	0
17:00	819	16	755	28	3	2	7	3	4	0	1	0	0	0	0
18:00	617	11	571	19	2	1	1	2	8	0	2	0	0	0	0
19:00	458	11	428	13	3	0	0	0	3	0	0	0	0	0	0
20:00	371	8	344	10	4	0	2	0	3	0	0	0	0	0	0
21:00	260	11	238	7	2	0	0	0	2	0	0	0	0	0	0
22:00	171	3	158	6	2	0	1	1	0	0	0	0	0	0	0
23:00	151	2	143	4	2	0	0	0	0	0	0	0	0	0	0
12H,7-19	11802	135	10846	468	35	36	97	80	89	1	9	4	2	0	0
16H,6-22	13244	172	12155	535	46	36	101	82	101	1	9	4	2	0	0
18H,6-24	13566	177	12456	545	50	36	102	83	101	1	9	4	2	0	0
24H,0-24	13993	185	12824	579	57	42	102	84	103	1	10	4	2	0	0

13412		WATERLOOVILLE				Site No: 13412022		Location	Site 2s - Hambledon Rd, Waterloooville						
Fri 07-Jun-24 to Thu 13-Jun-24						Channel: Southbound									
TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	CARS OR CAR-BASED		LIGHT GOODS VEHICLES	BUSES	TWO AXLE, SIX TYRE, RIGID/BUSES	THREE AXLE RIGID	FOUR OR MORE AXLE RIGID	FOUR OR LESS AXLE ARTIC	FIVE AXLE ARTIC	SIX OR MORE AXLE ARTIC	FIVE OR LESS AXLE MULTI-TRAILER		SEVEN OR MORE AXLE ARTIC
			LGV	VEHICLES											
Sun 09-Jun-24															
00:00	89	4	75	10	0	0	0	0	0	0	0	0	0	0	0
01:00	50	1	46	3	0	0	0	0	0	0	0	0	0	0	0
02:00	35	0	34	1	0	0	0	0	0	0	0	0	0	0	0
03:00	37	0	33	3	0	0	0	0	0	0	0	0	1	0	0
04:00	47	0	42	5	0	0	0	0	0	0	0	0	0	0	0
05:00	103	1	91	6	3	0	0	1	0	0	1	0	0	0	0
06:00	189	6	171	10	1	0	0	0	1	0	0	0	0	0	0
07:00	385	16	335	23	2	3	1	1	4	0	0	0	0	0	0
08:00	730	14	670	34	4	0	2	2	3	0	1	0	0	0	0
09:00	1231	16	1135	51	1	2	10	4	11	0	0	1	0	0	0
10:00	1138	11	1058	29	4	0	12	14	6	0	2	2	0	0	0
11:00	1061	13	971	34	4	1	17	10	9	0	0	2	0	0	0
12:00	1018	7	958	29	4	1	7	5	6	0	1	0	0	0	0
13:00	965	9	894	38	2	2	6	6	6	0	2	0	0	0	0
14:00	894	13	819	39	1	2	6	5	7	1	0	1	0	0	0
15:00	766	10	709	22	3	1	9	3	8	0	1	0	0	0	0
16:00	629	9	574	32	3	0	4	5	1	1	0	0	0	0	0
17:00	556	12	515	19	4	0	1	2	3	0	0	0	0	0	0
18:00	430	9	392	22	3	0	1	1	2	0	0	0	0	0	0
19:00	321	9	295	11	2	0	2	0	2	0	0	0	0	0	0
20:00	250	1	233	13	0	0	0	1	2	0	0	0	0	0	0
21:00	140	3	132	3	2	0	0	0	0	0	0	0	0	0	0
22:00	94	3	84	4	2	0	0	0	1	0	0	0	0	0	0
23:00	53	2	49	2	0	0	0	0	0	0	0	0	0	0	0
12H,7-19	9803	139	9030	372	35	12	76	58	66	2	7	6	0	0	0
16H,6-22	10703	158	9861	409	40	12	78	59	71	2	7	6	0	0	0
18H,6-24	10850	163	9994	415	42	12	78	59	72	2	7	6	0	0	0
24H,0-24	11211	169	10315	443	45	12	78	60	72	2	8	7	0	0	0

13412		WATERLOOVILLE				Site No: 13412022		Location	Site 2s - Hambledon Rd, Waterloooville						
Fri 07-Jun-24 to Thu 13-Jun-24						Channel: Southbound									
TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	CARS OR CAR-BASED LGV		LIGHT GOODS VEHICLES	BUSES	TWO AXLE, SIX TYRE, RIGID/BUSES	THREE AXLE RIGID	FOUR OR MORE AXLE RIGID	FOUR OR LESS AXLE ARTIC	FIVE AXLE ARTIC	SIX OR MORE AXLE ARTIC	FIVE OR LESS	SIX AXLE MULTI-TRAILER ARTIC	SEVEN OR MORE AXLE ARTIC
													AXLE MULTI-TRAILER		
Mon 10-Jun-24															
00:00	33	3	27		3	0	0	0	0	0	0	0	0	0	0
01:00	26	1	23		2	0	0	0	0	0	0	0	0	0	0
02:00	25	0	24		1	0	0	0	0	0	0	0	0	0	0
03:00	31	0	25		5	0	0	0	0	0	0	1	0	0	0
04:00	152	4	129		15	1	1	1	0	1	0	0	0	0	0
05:00	417	6	351		50	4	0	1	3	2	0	0	0	0	0
06:00	940	9	811		94	3	6	3	7	5	0	0	2	0	0
07:00	1204	9	1042		98	6	6	11	12	14	0	5	1	0	0
08:00	1181	6	1039		104	4	8	8	4	3	1	4	0	0	0
09:00	1135	6	1001		82	3	7	12	8	13	0	1	2	0	0
10:00	1108	4	985		71	5	10	11	8	12	1	1	0	0	0
11:00	1044	8	921		61	4	10	15	10	12	0	3	0	0	0
12:00	1024	11	885		73	3	8	16	9	13	0	1	5	0	0
13:00	1067	11	936		75	4	8	6	14	11	1	0	1	0	0
14:00	1072	12	933		85	2	9	9	9	9	0	2	2	0	0
15:00	1163	7	1017		84	5	4	13	18	10	1	2	2	0	0
16:00	1234	14	1098		54	3	4	13	27	16	0	3	1	1	0
17:00	1020	5	952		32	2	4	5	10	9	0	1	0	0	0
18:00	731	12	670		29	3	1	7	4	4	0	0	1	0	0
19:00	512	5	471		26	2	1	4	1	2	0	0	0	0	0
20:00	338	10	303		19	2	2	1	0	1	0	0	0	0	0
21:00	201	4	188		5	2	2	0	0	0	0	0	0	0	0
22:00	89	1	84		2	1	0	0	0	1	0	0	0	0	0
23:00	41	0	37		2	1	0	0	0	0	0	0	1	0	0
12H,7-19	12983	105	11479		848	44	79	126	133	126	4	23	15	1	0
16H,6-22	14974	133	13252		992	53	90	134	141	134	4	23	17	1	0
18H,6-24	15104	134	13373		996	55	90	134	141	135	4	23	18	1	0
24H,0-24	15788	148	13952		1072	60	91	136	144	138	4	24	18	1	0

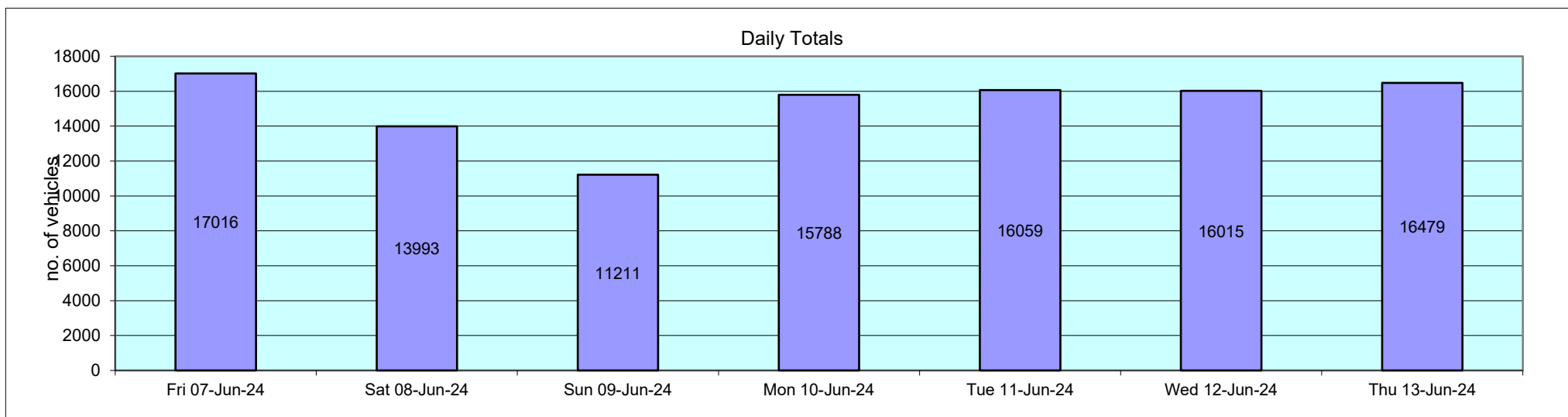
13412		WATERLOOVILLE				Site No: 13412022		Location	Site 2s - Hambledon Rd, Waterloooville						
Fri 07-Jun-24 to Thu 13-Jun-24						Channel: Southbound									
TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	CARS OR CAR-BASED LGV		LIGHT GOODS VEHICLES	BUSES	TWO AXLE, SIX TYRE, RIGID/BUSES	THREE AXLE RIGID	FOUR OR MORE AXLE RIGID	FOUR OR LESS AXLE ARTIC	FIVE AXLE ARTIC	SIX OR MORE AXLE ARTIC	FIVE OR LESS	SIX AXLE MULTI-TRAILER ARTIC	SEVEN OR MORE AXLE ARTIC
			TRAILER	TRAILER											
Tue 11-Jun-24															
00:00	28	0	25	2	0	1	0	0	0	0	0	0	0	0	0
01:00	27	0	25	2	0	0	0	0	0	0	0	0	0	0	0
02:00	26	0	23	2	1	0	0	0	0	0	0	0	0	0	0
03:00	40	1	30	6	1	2	0	0	0	0	0	0	0	0	0
04:00	156	4	128	19	2	1	2	0	0	0	0	0	0	0	0
05:00	457	9	394	42	4	3	1	1	3	0	0	0	0	0	0
06:00	997	12	839	112	4	2	7	7	8	3	2	1	0	0	0
07:00	1172	8	1031	83	7	6	14	9	12	0	1	1	0	0	0
08:00	1163	8	1019	89	7	6	21	5	8	0	0	0	0	0	0
09:00	1104	6	960	81	9	7	17	11	11	0	1	1	0	0	0
10:00	1108	10	966	81	10	6	9	8	13	0	1	4	0	0	0
11:00	1070	11	943	64	7	6	14	10	13	0	1	1	0	0	0
12:00	1007	6	883	68	5	6	18	9	8	2	1	1	0	0	0
13:00	1095	10	937	101	2	7	15	11	10	1	0	1	0	0	0
14:00	1157	6	995	97	6	6	15	12	18	0	2	0	0	0	0
15:00	1154	9	999	87	5	5	20	15	11	0	3	0	0	0	0
16:00	1262	11	1144	45	4	4	15	15	20	0	3	1	0	0	0
17:00	1058	2	953	58	3	3	12	10	15	0	0	2	0	0	0
18:00	757	14	689	39	2	2	4	4	2	0	0	1	0	0	0
19:00	520	8	484	18	1	3	2	2	2	0	0	0	0	0	0
20:00	320	8	292	14	2	2	1	0	1	0	0	0	0	0	0
21:00	218	3	198	8	2	2	0	2	3	0	0	0	0	0	0
22:00	120	4	108	5	1	0	0	0	2	0	0	0	0	0	0
23:00	43	1	39	3	0	0	0	0	0	0	0	0	0	0	0
12H,7-19	13107	101	11519	893	67	64	174	119	141	3	13	13	0	0	0
16H,6-22	15162	132	13332	1045	76	73	184	130	155	6	15	14	0	0	0
18H,6-24	15325	137	13479	1053	77	73	184	130	157	6	15	14	0	0	0
24H,0-24	16059	151	14104	1126	85	80	187	131	160	6	15	14	0	0	0

13412		WATERLOOVILLE				Site No: 13412022		Location	Site 2s - Hambledon Rd, Waterloooville						
Fri 07-Jun-24 to Thu 13-Jun-24						Channel: Southbound									
TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	CARS OR CAR-BASED LGV		LIGHT GOODS VEHICLES	BUSES	TWO AXLE, SIX TYRE, RIGID/BUSES	THREE AXLE RIGID	FOUR OR MORE AXLE RIGID	FOUR OR LESS AXLE ARTIC	FIVE AXLE ARTIC	SIX OR MORE AXLE ARTIC	FIVE OR LESS	SIX AXLE MULTI-TRAILER ARTIC	SEVEN OR MORE AXLE ARTIC
			TRAILER ARTIC	TRAILER ARTIC											
Wed 12-Jun-24															
00:00	33	1	28		3	0	1	0	0	0	0	0	0	0	0
01:00	23	1	19		1	1	0	0	0	0	0	0	1	0	0
02:00	30	0	26		2	1	0	0	0	0	0	0	1	0	0
03:00	37	2	29		5	0	1	0	0	0	0	0	0	0	0
04:00	159	3	140		15	0	1	0	0	0	0	0	0	0	0
05:00	397	8	327		45	3	6	5	0	2	1	0	0	0	0
06:00	973	14	832		98	4	4	6	9	4	0	2	0	0	0
07:00	1203	8	1057		78	5	11	13	10	15	0	3	2	1	0
08:00	1144	6	996		81	5	8	13	16	10	2	3	4	0	0
09:00	1080	5	954		80	3	7	8	6	13	0	3	1	0	0
10:00	1018	6	866		99	3	9	15	8	11	0	0	1	0	0
11:00	1046	7	940		62	3	6	9	10	6	0	1	2	0	0
12:00	1031	7	894		85	2	10	9	9	9	0	3	3	0	0
13:00	1101	10	945		81	4	6	15	17	18	0	3	2	0	0
14:00	1144	8	998		81	4	11	12	9	15	0	5	1	0	0
15:00	1190	11	1036		70	4	6	25	16	17	0	4	1	0	0
16:00	1256	13	1126		47	3	6	28	17	16	0	0	0	0	0
17:00	1133	11	1039		41	4	1	8	8	20	0	0	1	0	0
18:00	811	17	736		30	1	0	9	9	7	0	2	0	0	0
19:00	502	7	455		21	2	2	3	5	7	0	0	0	0	0
20:00	346	9	315		13	3	1	3	0	2	0	0	0	0	0
21:00	198	6	177		8	1	2	2	1	1	0	0	0	0	0
22:00	103	2	94		4	1	1	0	0	1	0	0	0	0	0
23:00	57	1	55		1	0	0	0	0	0	0	0	0	0	0
12H,7-19	13157	109	11587		835	41	81	164	135	157	2	27	18	1	0
16H,6-22	15176	145	13366		975	51	90	178	150	171	2	29	18	1	0
18H,6-24	15336	148	13515		980	52	91	178	150	172	2	29	18	1	0
24H,0-24	16015	163	14084		1051	57	100	183	150	174	3	29	20	1	0

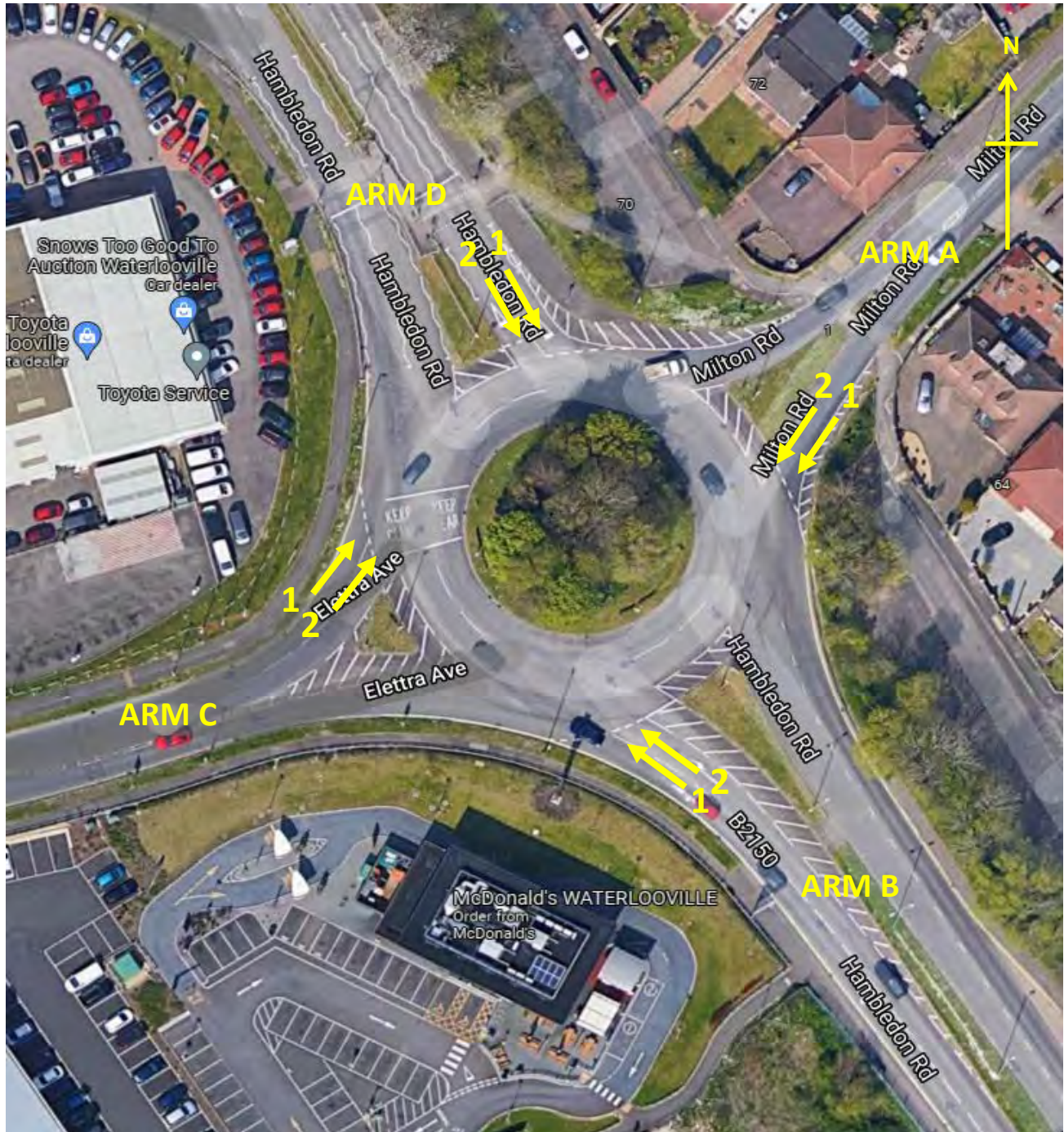
13412		WATERLOOVILLE				Site No: 13412022		Location	Site 2s - Hambledon Rd, Waterloooville						
Fri 07-Jun-24 to Thu 13-Jun-24						Channel: Southbound									
TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	CARS OR CAR-BASED LGV		LIGHT GOODS VEHICLES	BUSES	TWO AXLE, SIX TYRE, RIGID/BUSES	THREE AXLE RIGID	FOUR OR MORE AXLE RIGID	FOUR OR LESS AXLE ARTIC	FIVE AXLE ARTIC	SIX OR MORE AXLE ARTIC	FIVE OR LESS	SIX AXLE MULTI-TRAILER ARTIC	SEVEN OR MORE AXLE ARTIC
													AXLE MULTI-TRAILER ARTIC		
Thu 13-Jun-24															
00:00	38	3	32		1	0	1	0	0	1	0	0	0	0	0
01:00	30	0	29		1	0	0	0	0	0	0	0	0	0	0
02:00	19	0	18		0	1	0	0	0	0	0	0	0	0	0
03:00	34	3	28		2	0	1	0	0	0	0	0	0	0	0
04:00	146	3	128		12	1	1	0	0	0	0	1	0	0	0
05:00	420	11	356		42	6	2	1	1	1	0	0	0	0	0
06:00	972	12	831		104	3	3	6	3	7	0	2	1	0	0
07:00	1224	11	1055		95	5	6	13	18	17	1	3	0	0	0
08:00	1241	10	1089		89	7	8	17	9	12	0	0	0	0	0
09:00	1172	11	1030		84	4	4	14	11	11	0	2	1	0	0
10:00	1134	6	1011		84	4	5	10	4	6	0	4	0	0	0
11:00	1130	6	997		77	5	9	12	14	9	0	0	1	0	0
12:00	1052	5	939		62	5	7	17	6	6	1	2	2	0	0
13:00	1143	6	1011		79	6	5	15	9	8	1	1	2	0	0
14:00	1192	13	1029		81	6	7	29	11	11	0	1	4	0	0
15:00	1209	7	1044		83	7	6	20	22	14	0	4	2	0	0
16:00	1257	10	1127		56	3	3	20	16	17	0	2	2	1	0
17:00	1057	3	965		51	4	3	11	14	6	0	0	0	0	0
18:00	754	4	707		34	1	2	2	0	4	0	0	0	0	0
19:00	556	9	511		25	2	1	2	3	3	0	0	0	0	0
20:00	307	4	285		10	2	1	2	2	1	0	0	0	0	0
21:00	232	4	214		7	2	2	0	0	2	0	1	0	0	0
22:00	104	4	93		6	0	0	0	1	0	0	0	0	0	0
23:00	56	0	53		2	0	0	0	0	0	1	0	0	0	0
12H,7-19	13565	92	12004		875	57	65	180	134	121	3	19	14	1	0
16H,6-22	15632	121	13845		1021	66	72	190	142	134	3	22	15	1	0
18H,6-24	15792	125	13991		1029	66	72	190	143	134	4	22	15	1	0
24H,0-24	16479	145	14582		1087	74	77	191	144	136	4	23	15	1	0

13412 **WATERLOOVILLE** **Site No: 13412022** **Location** **Site 2s - Hambledon Rd, Waterloooville**
Fri 07-Jun-24 to Thu 13-Jun-24 **Channel: Southbound**

TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	CARS OR CAR-BASED LGV		LIGHT GOODS VEHICLES	BUSES	TWO AXLE, SIX TYRE, RIGID/BUSES	THREE AXLE RIGID	FOUR OR MORE AXLE RIGID	FOUR OR LESS AXLE ARTIC	FIVE AXLE ARTIC	SIX OR MORE AXLE ARTIC	FIVE OR LESS AXLE MULTI-TRAILER ARTIC	SIX AXLE MULTI-TRAILER ARTIC	SEVEN OR MORE AXLE ARTIC
Daily Totals															
Fri 07-Jun-24	17016	201	15109		1056	62	90	175	120	160	2	25	14	2	0
Sat 08-Jun-24	13993	185	12824		579	57	42	102	84	103	1	10	4	2	0
Sun 09-Jun-24	11211	169	10315		443	45	12	78	60	72	2	8	7	0	0
Mon 10-Jun-24	15788	148	13952		1072	60	91	136	144	138	4	24	18	1	0
Tue 11-Jun-24	16059	151	14104		1126	85	80	187	131	160	6	15	14	0	0
Wed 12-Jun-24	16015	163	14084		1051	57	100	183	150	174	3	29	20	1	0
Thu 13-Jun-24	16479	145	14582		1087	74	77	191	144	136	4	23	15	1	0
Total Vehicles															
--	106561	1162	94970		6414	440	492	1052	833	943	22	134	92	7	0



SITE: 1		DATE: 24th & 25th SEPTEMBER 2021
LOCATION: MILTON RD / HAMBLEDON RD / ELLETTA AV		DAY: FRIDAY & SATURDAY



JOB TITLE: WATERLOOVILLE	JOB NUMBER: 10750
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QUEUE LENGTHS

JOB REF: 10750



JOB NAME: WATERLOOVILLE

SITE: 1

DATE:

LOCATION: MILTON RD / HAMBLEDON RD (S) / ELETTRA AV / HAMBLEDON RD (N)

DAY:

NOTE: Queue Lengths recorded by the number of vehicles queuing at each 5-minute interval, by lane

TIME	ARM A		ARM B		ARM C		ARM D		TIME	ARM A		ARM B		ARM C	
	MILTON RD		HAMBLEDON RD (S)		ELETTRA AV		HAMBLEDON RD (N)			MILTON RD		HAMBLEDON RD (S)		ELETTRA AV	
	LANE 1	LANE 2	LANE 1	LANE 2	LANE 1	LANE 2	LANE 1	LANE 2		LANE 1	LANE 2	LANE 1	LANE 2	LANE 1	LANE 2
07:30	0	0	2	8	0	0	0	0	16:30	0	0	14+	0	10	9
07:35	6	0	0	0	0	0	0	0	16:35	0	0	0	0	4	9
07:40	0	0	0	0	1	1	0	0	16:40	0	0	7	7	1	15
07:45	0	0	0	0	0	0	0	0	16:45	2	0	12+	0	5	15
07:50	0	0	0	0	0	0	1	3	16:50	1	0	8	4	8	15
07:55	3	0	0	0	2	0	2	0	16:55	1	0	0	0	3	6
08:00	1	0	0	0	0	2	2	0	17:00	0	0	0	0	1	7
08:05	0	0	0	0	0	0	0	1	17:05	0	0	0	0	7	15
08:10	3	0	4	0	1	0	0	1	17:10	2	0	0	0	2	15
08:15	1	0	0	0	1	0	4	2	17:15	0	0	1	3	0	7
08:20	6+	0	0	0	2	0	1	0	17:20	0	0	0	0	0	15
08:25	0	0	0	0	1	0	0	0	17:25	0	0	0	0	2	15
08:30	4	0	0	0	0	0	0	1	17:30	0	0	12+	12+	6	0
08:35	0	0	0	0	1	0	0	0	17:35	0	0	6	0	5	14
08:40	0	0	0	0	0	0	3	1	17:40	0	0	0	0	0	15
08:45	0	0	0	0	0	0	3	2	17:45	0	0	0	0	1	5
08:50	6+	0	4	0	0	0	3	1	17:50	0	0	0	0	0	0
08:55	0	0	0	0	0	1	0	3	17:55	0	0	0	0	3	10
09:00	6+	0	0	0	3	2	3	2	18:00	0	0	0	0	0	0
09:05	0	0	0	0	4	0	3	2	18:05	0	0	2	1	0	3
09:10	0	0	0	0	2	0	4	2	18:10	0	0	12+	0	2	9
09:15	0	0	0	0	2	0	3	2	18:15	0	0	0	0	0	15
09:20	6+	0	4	0	0	0	5	1	18:20	4	0	0	0	0	0
09:25	6+	0	0	0	0	0	7	6	18:25	2	0	0	0	0	0

MANUAL CLASSIFIED COUNTS



JOB REF: 10750

JOB NAME: WATERLOOVILLE

SITE: 1

DATE: 24/09/2021

LOCATION: MILTON RD / HAMBLEDON RD (S) / ELETTRA AV

DAY: FRIDAY

TIME	A TO A							
	FROM MILTON RD TO MILTON RD							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
07:30	0	0	0	0	0	0	0	0
07:45	0	0	0	0	0	0	0	0
HH/TOT	0	0	0	0	0	0	0	0
08:00	0	0	0	0	0	0	0	0
08:15	0	0	0	0	0	0	0	0
08:30	0	0	0	0	0	0	0	0
08:45	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0
09:00	0	0	0	0	0	0	0	0
09:15	0	0	0	0	0	0	0	0
HH/TOT	0	0	0	0	0	0	0	0
P/TOT	0	0	0	0	0	0	0	0

A TO B							
FROM MILTON RD TO HAMBLEDON RD (S)							
CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
84	18	0	0	1	0	3	106
84	23	0	0	3	0	0	110
168	41	0	0	4	0	3	216
101	9	2	0	1	2	0	115
79	15	1	0	2	1	0	98
95	10	2	0	2	2	0	111
84	12	2	0	2	1	0	101
359	46	7	0	7	6	0	425
78	7	1	0	1	1	0	88
66	12	2	0	2	1	0	83
144	19	3	0	3	2	0	171
671	106	10	0	14	8	3	812

MANUAL CLASSIFIED COUNTS



JOB REF: 10750

JOB NAME: WATERLOOVILLE

SITE: 1

DATE: 24/09/2021

LOCATION: MILTON RD / HAMBLEDON RD (S) / ELETTRA AV

DAY: FRIDAY

TIME	A TO A							
	FROM MILTON RD TO MILTON RD							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
16:30	0	0	0	0	0	0	0	0
16:45	0	0	0	0	0	0	0	0
HH/TOT	0	0	0	0	0	0	0	0
17:00	0	0	0	0	0	0	0	0
17:15	0	0	0	0	0	0	0	0
17:30	0	0	0	0	0	0	0	0
17:45	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0
18:00	0	0	0	0	0	0	0	0
18:15	0	0	0	0	0	0	0	0
HH/TOT	0	0	0	0	0	0	0	0
P/TOT	0	0	0	0	0	0	0	0

A TO B							
FROM MILTON RD TO HAMBLEDON RD (S)							
CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
73	8	1	0	1	3	0	86
53	7	0	0	1	2	0	63
126	15	1	0	2	5	0	149
62	8	0	0	1	3	0	74
62	5	2	0	4	0	0	73
73	11	2	0	1	0	0	87
62	4	0	0	3	1	0	70
259	28	4	0	9	4	0	304
67	5	0	0	2	0	0	74
90	6	1	0	2	2	0	101
157	11	1	0	4	2	0	175
542	54	6	0	15	11	0	628

MANUAL CLASSIFIED COUNTS



JOB REF: 10750

JOB NAME: WATERLOOVILLE

SITE: 1

DATE: 24/09/2021

LOCATION: MILTON RD / HAMBLEDON RD (S) / ELETTRA AV

DAY: FRIDAY

TIME	A TO C FROM MILTON RD TO ELETTRA AV							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
07:30	14	1	0	0	0	0	0	15
07:45	28	3	1	0	0	1	0	33
HH/TOT	42	4	1	0	0	1	0	48
08:00	20	5	1	0	0	0	0	26
08:15	17	2	1	0	0	0	0	20
08:30	23	0	1	0	0	1	1	26
08:45	12	4	1	0	0	1	0	18
H/TOT	72	11	4	0	0	2	1	90
09:00	11	1	1	0	0	0	0	13
09:15	19	1	1	0	0	0	0	21
HH/TOT	30	2	2	0	0	0	0	34
P/TOT	144	17	7	0	0	3	1	172

A TO D FROM MILTON RD TO HAMBLEDON RD (N)							
CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
15	3	1	0	0	0	0	19
10	1	0	0	0	0	2	13
25	4	1	0	0	0	2	32
15	9	1	0	0	0	1	26
25	3	1	0	0	0	0	29
15	3	0	0	0	0	0	18
17	2	0	0	0	0	0	19
72	17	2	0	0	0	1	92
19	0	1	0	0	1	0	21
7	0	0	0	0	0	0	7
26	0	1	0	0	1	0	28
123	21	4	0	0	1	3	152

MANUAL CLASSIFIED COUNTS



JOB REF: 10750

JOB NAME: WATERLOOVILLE

SITE: 1

DATE: 24/09/2021

LOCATION: MILTON RD / HAMBLEDON RD (S) / ELETTRA AV

DAY: FRIDAY

TIME	A TO C FROM MILTON RD TO ELETTRA AV							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
16:30	15	3	0	0	0	0	0	18
16:45	17	3	0	0	0	0	0	20
HH/TOT	32	6	0	0	0	0	0	38
17:00	19	1	0	0	0	0	0	20
17:15	25	4	1	0	0	0	0	30
17:30	16	1	0	0	0	0	0	17
17:45	23	1	0	0	0	0	0	24
H/TOT	83	7	1	0	0	0	0	91
18:00	21	1	0	0	0	0	0	22
18:15	27	3	0	0	0	0	1	31
HH/TOT	48	4	0	0	0	0	1	53
P/TOT	163	17	1	0	0	0	1	182

A TO D FROM MILTON RD TO HAMBLEDON RD (N)							
CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
14	3	1	0	0	0	0	18
8	1	0	0	0	0	0	9
22	4	1	0	0	0	0	27
15	1	0	0	0	0	0	16
13	0	0	0	0	1	0	14
4	3	0	0	0	0	0	7
17	0	0	0	0	0	0	17
49	4	0	0	0	1	0	54
11	0	0	0	0	0	0	11
14	1	0	0	0	0	0	15
25	1	0	0	0	0	0	26
96	9	1	0	0	1	0	107

MANUAL CLASSIFIED COUNTS



JOB REF: 10750

JOB NAME: WATERLOOVILLE

SITE: 1

DATE: 24/09/2021

LOCATION: MILTON RD / HAMBLEDON RD (S) / ELETTRA AV

DAY: FRIDAY

TIME	B TO A							
	FROM HAMBLEDON RD (S) TO MILTON RD							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
07:30	31	10	5	0	1	0	0	47
07:45	48	10	7	0	3	0	0	68
HH/TOT	79	20	12	0	4	0	0	115
08:00	48	16	6	0	2	1	0	73
08:15	51	14	2	0	2	0	0	69
08:30	58	13	1	0	2	0	0	74
08:45	73	16	2	0	1	0	0	92
H/TOT	230	59	11	0	7	1	0	308
09:00	67	12	2	0	2	1	0	84
09:15	69	10	3	0	2	0	0	84
HH/TOT	136	22	5	0	4	1	0	168
P/TOT	445	101	28	0	15	2	0	591

	B TO B							
	FROM HAMBLEDON RD (S) TO HAMBLEDON RD (S)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
2	0	0	0	0	0	0	0	2
4	1	1	0	0	0	0	0	6
6	1	1	0	0	0	0	0	8
1	0	0	0	0	0	0	0	1
4	1	2	0	0	0	0	0	7
7	1	2	0	0	0	0	0	10
10	0	0	0	0	0	0	0	10
22	2	4	0	0	0	0	0	28
5	2	2	0	0	0	1	0	10
10	2	0	0	0	0	0	0	12
15	4	2	0	0	0	1	0	22
43	7	7	0	0	0	1	0	58

MANUAL CLASSIFIED COUNTS



JOB REF: 10750

JOB NAME: WATERLOOVILLE

SITE: 1

DATE: 24/09/2021

LOCATION: MILTON RD / HAMBLEDON RD (S) / ELETTRA AV

DAY: FRIDAY

TIME	B TO A							
	FROM HAMBLEDON RD (S) TO MILTON RD							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
16:30	107	9	1	0	1	0	0	118
16:45	127	14	1	0	4	1	0	147
HH/TOT	234	23	2	0	5	1	0	265
17:00	103	18	1	0	1	4	0	127
17:15	99	13	0	0	2	4	0	118
17:30	109	12	1	0	3	4	0	129
17:45	97	8	1	0	1	2	1	110
H/TOT	408	51	3	0	7	14	1	484
18:00	113	15	0	0	4	0	0	132
18:15	88	7	1	0	1	3	0	100
HH/TOT	201	22	1	0	5	3	0	232
P/TOT	843	96	6	0	17	18	1	981

	B TO B							
	FROM HAMBLEDON RD (S) TO HAMBLEDON RD (S)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
17	2	0	0	0	0	0	0	19
13	4	0	0	0	0	0	0	17
30	6	0	0	0	0	0	0	36
32	1	1	0	0	0	0	0	34
20	4	0	0	0	0	1	0	25
21	0	1	0	0	0	1	0	23
12	2	0	0	0	0	0	0	14
85	7	2	0	0	0	2	0	96
9	1	0	0	0	0	0	0	10
12	1	0	0	0	0	0	0	13
21	2	0	0	0	0	0	0	23
136	15	2	0	0	0	2	0	155

MANUAL CLASSIFIED COUNTS



JOB REF: 10750

JOB NAME: WATERLOOVILLE

SITE: 1

DATE: 24/09/2021

LOCATION: MILTON RD / HAMBLEDON RD (S) / ELETTRA AV

DAY: FRIDAY

TIME	B TO C							
	FROM HAMBLEDON RD (S) TO ELETTRA AV							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
07:30	43	6	1	1	0	0	0	51
07:45	48	12	1	0	0	0	0	61
HH/TOT	91	18	2	1	0	0	0	112
08:00	62	8	0	1	0	2	0	73
08:15	64	6	1	0	0	2	1	74
08:30	66	7	1	0	0	0	0	74
08:45	96	4	3	0	0	1	0	104
H/TOT	288	25	5	1	0	5	1	325
09:00	80	9	2	0	0	0	0	91
09:15	47	4	1	0	0	0	0	52
HH/TOT	127	13	3	0	0	0	0	143
P/TOT	506	56	10	2	0	5	1	580

B TO D							
FROM HAMBLEDON RD (S) TO HAMBLEDON RD (N)							
CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
81	28	8	0	2	1	0	120
97	27	12	2	0	0	0	138
178	55	20	2	2	1	0	258
90	32	6	2	0	1	0	131
118	21	6	1	0	0	0	146
122	37	8	0	0	1	1	169
142	15	7	0	0	0	0	164
472	105	27	3	0	2	1	610
147	22	9	0	0	0	0	178
117	24	8	0	0	2	0	151
264	46	17	0	0	2	0	329
914	206	64	5	2	5	1	1197

MANUAL CLASSIFIED COUNTS



JOB REF: 10750

JOB NAME: WATERLOOVILLE

SITE: 1

DATE: 24/09/2021

LOCATION: MILTON RD / HAMBLEDON RD (S) / ELETTRA AV

DAY: FRIDAY

TIME	B TO C							
	FROM HAMBLEDON RD (S) TO ELETTRA AV							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
16:30	44	4	2	0	0	1	0	51
16:45	54	3	0	0	0	0	0	57
HH/TOT	98	7	2	0	0	1	0	108
17:00	60	5	0	0	0	1	0	66
17:15	50	5	0	0	0	0	0	55
17:30	50	1	0	0	0	0	0	51
17:45	47	2	0	0	0	0	0	49
H/TOT	207	13	0	0	0	1	0	221
18:00	29	2	0	0	0	0	0	31
18:15	60	2	0	0	0	0	0	62
HH/TOT	89	4	0	0	0	0	0	93
P/TOT	394	24	2	0	0	2	0	422

B TO D							
FROM HAMBLEDON RD (S) TO HAMBLEDON RD (N)							
CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
138	22	3	0	0	1	0	164
141	21	3	0	0	1	1	167
279	43	6	0	0	2	1	331
138	24	2	0	1	0	0	165
160	17	2	0	0	1	1	181
155	15	1	0	0	0	0	171
126	21	0	1	1	3	0	152
579	77	5	1	2	4	1	669
130	13	2	0	0	3	1	149
132	11	2	1	0	0	0	146
262	24	4	1	0	3	1	295
1120	144	15	2	2	9	3	1295

MANUAL CLASSIFIED COUNTS



JOB REF: 10750

JOB NAME: WATERLOOVILLE

SITE: 1

DATE: 24/09/2021

LOCATION: MILTON RD / HAMBLEDON RD (S) / ELETTRA AV

DAY: FRIDAY

TIME	C TO A							
	FROM ELETTRA AV TO MILTON RD							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
07:30	9	4	1	0	0	0	0	14
07:45	14	2	0	0	0	0	0	16
HH/TOT	23	6	1	0	0	0	0	30
08:00	25	4	2	2	0	0	0	33
08:15	7	9	1	0	0	0	0	17
08:30	15	7	0	0	0	0	0	22
08:45	19	3	1	0	0	0	0	23
H/TOT	66	23	4	2	0	0	0	95
09:00	27	3	1	0	0	0	1	32
09:15	27	1	2	0	0	0	0	30
HH/TOT	54	4	3	0	0	0	1	62
P/TOT	143	33	8	2	0	0	1	187

C TO B							
FROM ELETTRA AV TO HAMBLEDON RD (S)							
CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
33	10	0	0	0	0	0	43
31	7	0	0	0	0	0	38
64	17	0	0	0	0	0	81
23	14	3	0	0	0	0	40
40	15	4	1	0	1	0	61
41	10	0	1	0	1	0	53
40	15	1	0	0	0	0	56
144	54	8	2	0	2	0	210
60	17	0	0	0	2	0	79
57	16	1	0	0	1	0	75
117	33	1	0	0	3	0	154
325	104	9	2	0	5	0	445

MANUAL CLASSIFIED COUNTS



JOB REF: 10750

JOB NAME: WATERLOOVILLE

SITE: 1

DATE: 24/09/2021

LOCATION: MILTON RD / HAMBLEDON RD (S) / ELETTRA AV

DAY: FRIDAY

TIME	C TO A FROM ELETTRA AV TO MILTON RD							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
16:30	40	4	1	0	0	0	0	45
16:45	39	3	0	0	0	0	0	42
HH/TOT	79	7	1	0	0	0	0	87
17:00	53	3	0	0	0	1	0	57
17:15	47	6	0	0	0	1	0	54
17:30	48	0	0	0	0	1	1	50
17:45	34	3	0	0	0	0	0	37
H/TOT	182	12	0	0	0	3	1	198
18:00	38	1	0	0	0	0	0	39
18:15	42	1	0	0	0	0	0	43
HH/TOT	80	2	0	0	0	0	0	82
P/TOT	341	21	1	0	0	3	1	367

C TO B FROM ELETTRA AV TO HAMBLEDON RD (S)							
CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
66	8	0	0	0	1	0	75
69	11	3	0	0	1	0	84
135	19	3	0	0	2	0	159
96	16	1	0	0	1	0	114
77	6	1	0	0	2	0	86
74	10	0	0	0	0	0	84
62	4	0	0	0	1	0	67
309	36	2	0	0	4	0	351
62	3	0	0	0	0	0	65
90	5	2	0	0	3	0	100
152	8	2	0	0	3	0	165
596	63	7	0	0	9	0	675

MANUAL CLASSIFIED COUNTS



JOB REF: 10750

JOB NAME: WATERLOOVILLE

SITE: 1

DATE: 24/09/2021

LOCATION: MILTON RD / HAMBLEDON RD (S) / ELETTRA AV

DAY: FRIDAY

TIME	C TO C							
	FROM ELETTRA AV TO ELETTRA AV							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
07:30	0	0	0	0	0	0	0	0
07:45	0	0	0	0	0	0	0	0
HH/TOT	0	0	0	0	0	0	0	0
08:00	0	0	0	0	0	0	0	0
08:15	0	0	0	0	0	0	0	0
08:30	0	0	0	0	0	0	0	0
08:45	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0
09:00	0	0	0	0	0	0	0	0
09:15	0	0	0	0	0	0	0	0
HH/TOT	0	0	0	0	0	0	0	0
P/TOT	0	0	0	0	0	0	0	0

C TO D							
FROM ELETTRA AV TO HAMBLEDON RD (N)							
CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
19	5	2	0	0	0	0	26
12	13	7	0	0	0	0	32
31	18	9	0	0	0	0	58
20	2	0	0	0	0	0	22
20	13	2	0	0	0	0	35
21	9	3	0	0	0	0	33
28	6	3	0	0	0	0	37
89	30	8	0	0	0	0	127
27	7	0	0	0	0	0	34
33	9	1	0	0	0	0	43
60	16	1	0	0	0	0	77
180	64	18	0	0	0	0	262

MANUAL CLASSIFIED COUNTS



JOB REF: 10750

JOB NAME: WATERLOOVILLE

SITE: 1

DATE: 24/09/2021

LOCATION: MILTON RD / HAMBLEDON RD (S) / ELETTRA AV

DAY: FRIDAY

TIME	C TO C							
	FROM ELETTRA AV TO ELETTRA AV							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
16:30	0	0	0	0	0	0	0	0
16:45	0	0	0	0	0	0	0	0
HH/TOT	0	0	0	0	0	0	0	0
17:00	0	0	0	0	0	0	0	0
17:15	0	0	0	0	0	0	0	0
17:30	0	0	0	0	0	0	0	0
17:45	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0
18:00	0	0	0	0	0	0	0	0
18:15	0	0	0	0	0	0	0	0
HH/TOT	0	0	0	0	0	0	0	0
P/TOT	0	0	0	0	0	0	0	0

	C TO D							
	FROM ELETTRA AV TO HAMBLEDON RD (N)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
35	4	1	0	0	0	0	0	40
34	2	0	0	0	0	2	0	38
69	6	1	0	0	0	2	0	78
45	3	1	0	0	0	0	0	49
39	4	0	0	0	0	1	0	44
34	2	0	0	0	0	0	0	36
22	3	1	0	0	0	0	1	27
140	12	2	0	0	0	1	1	156
27	3	0	0	0	0	0	0	30
31	1	0	0	0	0	0	0	32
58	4	0	0	0	0	0	0	62
267	22	3	0	0	0	3	1	296

MANUAL CLASSIFIED COUNTS



JOB REF: 10750

JOB NAME: WATERLOOVILLE

SITE: 1

DATE: 24/09/2021

LOCATION: MILTON RD / HAMBLEDON RD (S) / ELETTRA AV

DAY: FRIDAY

TIME	D TO A							
	FROM HAMBLEDON RD (N) TO MILTON RD							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
07:30	5	0	0	0	0	0	0	5
07:45	5	1	0	0	0	0	0	6
HH/TOT	10	1	0	0	0	0	0	11
08:00	7	0	1	0	0	0	0	8
08:15	10	2	0	0	0	0	0	12
08:30	2	2	3	0	0	0	0	7
08:45	7	2	1	0	0	0	0	10
H/TOT	26	6	5	0	0	0	0	37
09:00	8	3	0	0	0	0	0	11
09:15	8	2	0	0	0	0	0	10
HH/TOT	16	5	0	0	0	0	0	21
P/TOT	52	12	5	0	0	0	0	69

D TO B							
FROM HAMBLEDON RD (N) TO HAMBLEDON RD (S)							
CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
134	33	4	2	0	2	0	175
131	31	6	0	0	0	0	168
265	64	10	2	0	2	0	343
140	27	10	0	0	1	0	178
144	32	4	0	2	0	0	182
133	18	8	1	0	1	0	161
162	37	9	0	0	1	0	209
579	114	31	1	2	3	0	730
171	18	4	0	0	0	0	193
137	11	2	3	0	1	1	155
308	29	6	3	0	1	1	348
1152	207	47	6	2	6	1	1421

MANUAL CLASSIFIED COUNTS



JOB REF: 10750

JOB NAME: WATERLOOVILLE

SITE: 1

DATE: 24/09/2021

LOCATION: MILTON RD / HAMBLEDON RD (S) / ELETTRA AV

DAY: FRIDAY

TIME	D TO A							
	FROM HAMBLEDON RD (N) TO MILTON RD							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
16:30	5	1	0	0	0	0	0	6
16:45	10	3	0	0	0	0	0	13
HH/TOT	15	4	0	0	0	0	0	19
17:00	8	4	0	0	0	0	0	12
17:15	3	1	1	0	0	0	0	5
17:30	10	1	0	0	0	0	0	11
17:45	8	2	0	0	0	0	0	10
H/TOT	29	8	1	0	0	0	0	38
18:00	14	0	0	0	0	0	0	14
18:15	10	0	0	0	0	1	0	11
HH/TOT	24	0	0	0	0	1	0	25
P/TOT	68	12	1	0	0	1	0	82

	D TO B							
	FROM HAMBLEDON RD (N) TO HAMBLEDON RD (S)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
127	27	5	0	0	0	3	0	162
90	24	4	0	0	0	5	0	123
217	51	9	0	0	0	8	0	285
122	25	4	0	0	0	1	0	152
113	19	3	0	1	4	0	0	140
133	20	3	0	0	1	0	0	157
91	16	0	0	0	0	0	0	107
459	80	10	0	1	6	0	0	556
129	17	0	0	0	0	0	0	146
129	10	1	0	1	1	0	0	142
258	27	1	0	1	1	0	0	288
934	158	20	0	2	15	0	0	1129

MANUAL CLASSIFIED COUNTS



JOB REF: 10750

JOB NAME: WATERLOOVILLE

SITE: 1

DATE: 24/09/2021

LOCATION: MILTON RD / HAMBLEDON RD (S) / ELETTRA AV

DAY: FRIDAY

TIME	D TO C							
	FROM HAMBLEDON RD (N) TO ELETTRA AV							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
07:30	17	1	0	0	0	1	0	19
07:45	18	0	1	0	0	0	0	19
HH/TOT	35	1	1	0	0	1	0	38
08:00	15	3	0	0	0	0	0	18
08:15	23	4	0	0	0	0	0	27
08:30	28	1	0	0	0	1	0	30
08:45	25	2	0	0	0	0	1	28
H/TOT	91	10	0	0	0	1	1	103
09:00	27	2	0	0	0	0	0	29
09:15	22	4	1	0	0	0	0	27
HH/TOT	49	6	1	0	0	0	0	56
P/TOT	175	17	2	0	0	2	1	197

	D TO D							
	FROM HAMBLEDON RD (N) TO HAMBLEDON RD (N)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
5	0	1	0	0	0	0	0	6
2	4	0	0	0	0	0	0	6
7	4	1	0	0	0	0	0	12
6	4	1	0	0	0	0	0	11
12	1	2	0	0	0	0	0	15
9	3	0	0	0	0	0	0	12
8	2	0	0	0	0	0	0	10
35	10	3	0	0	0	0	0	48
15	2	2	0	0	0	0	0	19
11	1	0	0	0	0	0	0	12
26	3	2	0	0	0	0	0	31
68	17	6	0	0	0	0	0	91

MANUAL CLASSIFIED COUNTS



JOB REF: 10750

JOB NAME: WATERLOOVILLE

SITE: 1

DATE: 24/09/2021

LOCATION: MILTON RD / HAMBLEDON RD (S) / ELETTRA AV

DAY: FRIDAY

TIME	D TO C							
	FROM HAMBLEDON RD (N) TO ELETTRA AV							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
16:30	16	2	0	0	0	0	0	18
16:45	22	2	1	0	0	0	0	25
HH/TOT	38	4	1	0	0	0	0	43
17:00	19	1	0	0	0	0	0	20
17:15	21	2	0	0	0	0	0	23
17:30	25	2	0	0	0	0	0	27
17:45	24	3	0	0	0	0	0	27
H/TOT	89	8	0	0	0	0	0	97
18:00	19	3	0	0	0	0	0	22
18:15	17	4	0	0	0	0	0	21
HH/TOT	36	7	0	0	0	0	0	43
P/TOT	163	19	1	0	0	0	0	183

	D TO D							
	FROM HAMBLEDON RD (N) TO HAMBLEDON RD (N)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
5	3	1	0	0	0	0	0	9
2	1	0	0	0	0	0	0	3
7	4	1	0	0	0	0	0	12
7	1	0	0	0	0	0	0	8
11	1	0	0	0	0	0	0	12
10	1	0	0	0	0	2	0	13
3	1	0	0	0	0	0	0	4
31	4	0	0	0	0	2	0	37
4	0	0	0	0	0	0	0	4
3	1	0	0	0	0	0	0	4
7	1	0	0	0	0	0	0	8
45	9	1	0	0	0	2	0	57

MANUAL CLASSIFIED COUNTS



JOB REF: 10750

JOB NAME: WATERLOOVILLE

SITE: 1

DATE: 24/09/2021

LOCATION: MILTON RD / HAMBLEDON RD (S) / ELETTRA AV

DAY: FRIDAY

TIME	TO ARM A MILTON RD							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
07:30	45	14	6	0	1	0	0	66
07:45	67	13	7	0	3	0	0	90
HH/TOT	112	27	13	0	4	0	0	156
08:00	80	20	9	2	2	1	0	114
08:15	68	25	3	0	2	0	0	98
08:30	75	22	4	0	2	0	0	103
08:45	99	21	4	0	1	0	0	125
H/TOT	322	88	20	2	7	1	0	440
09:00	102	18	3	0	2	1	1	127
09:15	104	13	5	0	2	0	0	124
HH/TOT	206	31	8	0	4	1	1	251
P/TOT	640	146	41	2	15	2	1	847

FROM ARM A MILTON RD							
CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
113	22	1	0	1	0	3	140
122	27	1	0	3	1	2	156
235	49	2	0	4	1	5	296
136	23	4	0	1	2	1	167
121	20	3	0	2	1	0	147
133	13	3	0	2	3	1	155
113	18	3	0	2	2	0	138
503	74	13	0	7	8	2	607
108	8	3	0	1	2	0	122
92	13	3	0	2	1	0	111
200	21	6	0	3	3	0	233
938	144	21	0	14	12	7	1136

MANUAL CLASSIFIED COUNTS



JOB REF: 10750

JOB NAME: WATERLOOVILLE

SITE: 1

DATE: 24/09/2021

LOCATION: MILTON RD / HAMBLEDON RD (S) / ELETTRA AV

DAY: FRIDAY

TIME	TO ARM A MILTON RD								FROM ARM A MILTON RD							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
16:30	152	14	2	0	1	0	0	169	102	14	2	0	1	3	0	122
16:45	176	20	1	0	4	1	0	202	78	11	0	0	1	2	0	92
HH/TOT	328	34	3	0	5	1	0	371	180	25	2	0	2	5	0	214
17:00	164	25	1	0	1	5	0	196	96	10	0	0	1	3	0	110
17:15	149	20	1	0	2	5	0	177	100	9	3	0	4	1	0	117
17:30	167	13	1	0	3	5	1	190	93	15	2	0	1	0	0	111
17:45	139	13	1	0	1	2	1	157	102	5	0	0	3	1	0	111
H/TOT	619	71	4	0	7	17	2	720	391	39	5	0	9	5	0	449
18:00	165	16	0	0	4	0	0	185	99	6	0	0	2	0	0	107
18:15	140	8	1	0	1	4	0	154	131	10	1	0	2	2	1	147
HH/TOT	305	24	1	0	5	4	0	339	230	16	1	0	4	2	1	254
P/TOT	1252	129	8	0	17	22	2	1430	801	80	8	0	15	12	1	917

MANUAL CLASSIFIED COUNTS



JOB REF: 10750

JOB NAME: WATERLOOVILLE

SITE: 1

DATE: 24/09/2021

LOCATION: MILTON RD / HAMBLEDON RD (S) / ELETTRA AV

DAY: FRIDAY

TIME	TO ARM B HAMBLEDON RD (S)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
07:30	253	61	4	2	1	2	3	326
07:45	250	62	7	0	3	0	0	322
HH/TOT	503	123	11	2	4	2	3	648
08:00	265	50	15	0	1	3	0	334
08:15	267	63	11	1	4	2	0	348
08:30	276	39	12	2	2	4	0	335
08:45	296	64	12	0	2	2	0	376
H/TOT	1104	216	50	3	9	11	0	1393
09:00	314	44	7	0	1	4	0	370
09:15	270	41	5	3	2	3	1	325
HH/TOT	584	85	12	3	3	7	1	695
P/TOT	2191	424	73	8	16	20	4	2736

FROM ARM B HAMBLEDON RD (S)							
CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
157	44	14	1	3	1	0	220
197	50	21	2	3	0	0	273
354	94	35	3	6	1	0	493
201	56	12	3	2	4	0	278
237	42	11	1	2	2	1	296
253	58	12	0	2	1	1	327
321	35	12	0	1	1	0	370
1012	191	47	4	7	8	2	1271
299	45	15	0	2	2	0	363
243	40	12	0	2	2	0	299
542	85	27	0	4	4	0	662
1908	370	109	7	17	13	2	2426

MANUAL CLASSIFIED COUNTS



JOB REF: 10750

JOB NAME: WATERLOOVILLE

SITE: 1

DATE: 24/09/2021

LOCATION: MILTON RD / HAMBLEDON RD (S) / ELETTRA AV

DAY: FRIDAY

TIME	TO ARM B HAMBLEDON RD (S)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
16:30	283	45	6	0	1	7	0	342
16:45	225	46	7	0	1	8	0	287
HH/TOT	508	91	13	0	2	15	0	629
17:00	312	50	6	0	1	5	0	374
17:15	272	34	6	0	5	7	0	324
17:30	301	41	6	0	1	2	0	351
17:45	227	26	0	0	3	2	0	258
H/TOT	1112	151	18	0	10	16	0	1307
18:00	267	26	0	0	2	0	0	295
18:15	321	22	4	0	3	6	0	356
HH/TOT	588	48	4	0	5	6	0	651
P/TOT	2208	290	35	0	17	37	0	2587

FROM ARM B HAMBLEDON RD (S)							
CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
306	37	6	0	1	2	0	352
335	42	4	0	4	2	1	388
641	79	10	0	5	4	1	740
333	48	4	0	2	5	0	392
329	39	2	0	2	6	1	379
335	28	3	0	3	5	0	374
282	33	1	1	2	5	1	325
1279	148	10	1	9	21	2	1470
281	31	2	0	4	3	1	322
292	21	3	1	1	3	0	321
573	52	5	1	5	6	1	643
2493	279	25	2	19	31	4	2853

MANUAL CLASSIFIED COUNTS



JOB REF: 10750

JOB NAME: WATERLOOVILLE

SITE: 1

DATE: 24/09/2021

LOCATION: MILTON RD / HAMBLEDON RD (S) / ELETTRA AV

DAY: FRIDAY

TIME	TO ARM C ELETTRA AV							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
07:30	74	8	1	1	0	1	0	85
07:45	94	15	3	0	0	1	0	113
HH/TOT	168	23	4	1	0	2	0	198
08:00	97	16	1	1	0	2	0	117
08:15	104	12	2	0	0	2	1	121
08:30	117	8	2	0	0	2	1	130
08:45	133	10	4	0	0	2	1	150
H/TOT	451	46	9	1	0	8	3	518
09:00	118	12	3	0	0	0	0	133
09:15	88	9	3	0	0	0	0	100
HH/TOT	206	21	6	0	0	0	0	233
P/TOT	825	90	19	2	0	10	3	949

FROM ARM C ELETTRA AV							
CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
61	19	3	0	0	0	0	83
57	22	7	0	0	0	0	86
118	41	10	0	0	0	0	169
68	20	5	2	0	0	0	95
67	37	7	1	0	1	0	113
77	26	3	1	0	1	0	108
87	24	5	0	0	0	0	116
299	107	20	4	0	2	0	432
114	27	1	0	0	2	1	145
117	26	4	0	0	1	0	148
231	53	5	0	0	3	1	293
648	201	35	4	0	5	1	894

MANUAL CLASSIFIED COUNTS



JOB REF: 10750

JOB NAME: WATERLOOVILLE

SITE: 1

DATE: 24/09/2021

LOCATION: MILTON RD / HAMBLEDON RD (S) / ELETTRA AV

DAY: FRIDAY

TIME	TO ARM C ELETTRA AV							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
16:30	75	9	2	0	0	1	0	87
16:45	93	8	1	0	0	0	0	102
HH/TOT	168	17	3	0	0	1	0	189
17:00	98	7	0	0	0	1	0	106
17:15	96	11	1	0	0	0	0	108
17:30	91	4	0	0	0	0	0	95
17:45	94	6	0	0	0	0	0	100
H/TOT	379	28	1	0	0	1	0	409
18:00	69	6	0	0	0	0	0	75
18:15	104	9	0	0	0	0	1	114
HH/TOT	173	15	0	0	0	0	1	189
P/TOT	720	60	4	0	0	2	1	787

FROM ARM C ELETTRA AV							
CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
141	16	2	0	0	1	0	160
142	16	3	0	0	3	0	164
283	32	5	0	0	4	0	324
194	22	2	0	0	2	0	220
163	16	1	0	0	4	0	184
156	12	0	0	0	1	1	170
118	10	1	0	0	1	1	131
631	60	4	0	0	8	2	705
127	7	0	0	0	0	0	134
163	7	2	0	0	3	0	175
290	14	2	0	0	3	0	309
1204	106	11	0	0	15	2	1338

MANUAL CLASSIFIED COUNTS



JOB REF: 10750

JOB NAME: WATERLOOVILLE

SITE: 1

DATE: 24/09/2021

LOCATION: MILTON RD / HAMBLEDON RD (S) / ELETTRA AV

DAY: FRIDAY

TIME	TO ARM D HAMBLEDON RD (N)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
07:30	120	36	12	0	2	1	0	171
07:45	121	45	19	2	0	0	2	189
HH/TOT	241	81	31	2	2	1	2	360
08:00	131	47	8	2	0	1	1	190
08:15	175	38	11	1	0	0	0	225
08:30	167	52	11	0	0	1	1	232
08:45	195	25	10	0	0	0	0	230
H/TOT	668	162	40	3	0	2	2	877
09:00	208	31	12	0	0	1	0	252
09:15	168	34	9	0	0	2	0	213
HH/TOT	376	65	21	0	0	3	0	465
P/TOT	1285	308	92	5	2	6	4	1702

FROM ARM D HAMBLEDON RD (N)							
CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
161	34	5	2	0	3	0	205
156	36	7	0	0	0	0	199
317	70	12	2	0	3	0	404
168	34	12	0	0	1	0	215
189	39	6	0	2	0	0	236
172	24	11	1	0	2	0	210
202	43	10	0	0	1	1	257
731	140	39	1	2	4	1	918
221	25	6	0	0	0	0	252
178	18	3	3	0	1	1	204
399	43	9	3	0	1	1	456
1447	253	60	6	2	8	2	1778

MANUAL CLASSIFIED COUNTS



JOB REF: 10750

JOB NAME: WATERLOOVILLE

SITE: 1

DATE: 24/09/2021

LOCATION: MILTON RD / HAMBLEDON RD (S) / ELETTRA AV

DAY: FRIDAY

TIME	TO ARM D HAMBLEDON RD (N)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
16:30	192	32	6	0	0	1	0	231
16:45	185	25	3	0	0	3	1	217
HH/TOT	377	57	9	0	0	4	1	448
17:00	205	29	3	0	1	0	0	238
17:15	223	22	2	0	0	3	1	251
17:30	203	21	1	0	0	2	0	227
17:45	168	25	1	1	1	3	1	200
H/TOT	799	97	7	1	2	8	2	916
18:00	172	16	2	0	0	3	1	194
18:15	180	14	2	1	0	0	0	197
HH/TOT	352	30	4	1	0	3	1	391
P/TOT	1528	184	20	2	2	15	4	1755

FROM ARM D HAMBLEDON RD (N)							
CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
153	33	6	0	0	3	0	195
124	30	5	0	0	5	0	164
277	63	11	0	0	8	0	359
156	31	4	0	0	1	0	192
148	23	4	0	1	4	0	180
178	24	3	0	0	3	0	208
126	22	0	0	0	0	0	148
608	100	11	0	1	8	0	728
166	20	0	0	0	0	0	186
159	15	1	0	1	2	0	178
325	35	1	0	1	2	0	364
1210	198	23	0	2	18	0	1451

MANUAL CLASSIFIED COUNTS

JOB REF: 10750

JOB NAME: WATERLOOVILLE

SITE: 1

LOCATION: MILTON RD / HAMBLEDON RD (S) / ELETTRA AV

SITE: 24/09/2021

LOCATION: FRIDAY

TIME	A TO A			A TO B			A TO C			A TO D			B TO A			B TO B			B TO C			B TO D			C TO A			C TO B			C TO C			C TO D			D TO A			D TO B			D TO C			D TO D		
	DM MILTON RD TO MILTON			FROM MILTON RD TO HAMBLEDON RD (S)			FROM MILTON RD TO ELETTRA AV			FROM MILTON RD TO HAMBLEDON RD (N)			FROM HAMBLEDON RD (S) TO MILTON RD			FROM HAMBLEDON RD (S) TO HAMBLEDON RD (S)			FROM HAMBLEDON RD (S) TO ELETTRA AV			FROM HAMBLEDON RD (S) TO HAMBLEDON RD (N)			FROM ELETTRA AV TO MILTON RD			FROM ELETTRA AV TO HAMBLEDON RD (S)			FROM ELETTRA AV TO ELETTRA AV			FROM ELETTRA AV TO HAMBLEDON RD (N)			FROM HAMBLEDON RD (N) TO MILTON RD			FROM HAMBLEDON RD (S) TO HAMBLEDON RD (S)			FROM HAMBLEDON RD (N) TO ELETTRA AV			FROM HAMBLEDON RD (N) TO HAMBLEDON RD (N)		
	LV	HV	TOT	LV	HV	TOT	LV	HV	TOT	LV	HV	TOT	LV	HV	TOT	LV	HV	TOT	LV	HV	TOT	LV	HV	TOT	LV	HV	TOT	LV	HV	TOT	LV	HV	TOT	LV	HV	TOT	LV	HV	TOT	LV	HV	TOT	LV	HV	TOT	LV	HV	TOT
07:30	0	0	0	102	1	103	15	0	15	18	1	19	41	6	47	2	0	2	49	2	51	109	10	119	13	1	14	43	0	43	0	0	0	24	2	26	5	0	5	167	6	173	18	0	18	5	1	6
07:45	0	0	0	107	3	110	31	1	32	111	0	11	58	10	68	5	1	6	60	1	61	124	14	138	16	0	16	38	0	38	0	0	0	25	7	32	6	0	6	162	6	168	18	1	19	6	0	6
08:00	0	0	0	110	3	113	25	1	26	24	1	25	64	8	72	1	0	1	70	1	71	122	8	130	29	4	33	37	3	40	0	0	0	22	0	22	7	1	8	167	10	177	18	0	18	10	1	11
08:15	0	0	0	94	3	97	19	1	20	28	1	29	65	4	69	5	2	7	70	1	71	139	7	146	16	1	17	55	5	60	0	0	0	33	2	35	12	0	12	176	6	182	27	0	27	13	2	15
08:30	0	0	0	105	4	109	23	1	24	18	0	18	71	3	74	8	2	10	73	1	74	159	8	167	22	0	22	51	1	52	0	0	0	30	3	33	4	3	7	151	9	160	29	0	29	12	0	12
08:45	0	0	0	96	4	100	16	1	17	19	0	19	89	3	92	10	0	10	100	3	103	157	7	164	22	1	23	55	1	56	0	0	0	34	3	37	9	1	10	199	9	208	27	0	27	10	0	10
09:00	0	0	0	85	2	87	12	1	13	19	1	20	79	4	83	7	2	9	89	2	91	169	9	178	30	1	31	77	0	77	0	0	0	34	0	34	11	0	11	189	4	193	29	0	29	17	2	19
09:15	0	0	0	78	4	82	20	1	21	7	0	7	79	5	84	12	0	12	51	1	52	141	8	149	28	2	30	73	1	74	0	0	0	42	1	43	10	0	10	148	5	153	26	1	27	12	0	12
P/TOT	0	0	0	777	24	801	162	7	169	144	4	148	546	43	589	50	7	57	562	12	574	1120	71	1191	176	10	186	429	11	440	0	0	0	244	10	254	64	2	66	1359	55	1414	192	2	194	85	6	91

TIME	A TO A			A TO B			A TO C			A TO D			B TO A			B TO B			B TO C			B TO D			C TO A			C TO B			C TO C			C TO D			D TO A			D TO B			D TO C			D TO D		
	FROM MILTON RD TO MILTON RD			FROM MILTON RD TO HAMBLEDON RD (S)			FROM MILTON RD TO ELETTRA AV			FROM MILTON RD TO HAMBLEDON RD (N)			FROM HAMBLEDON RD (S) TO MILTON RD			FROM HAMBLEDON RD (S) TO HAMBLEDON RD (S)			FROM HAMBLEDON RD (S) TO ELETTRA AV			FROM HAMBLEDON RD (S) TO HAMBLEDON RD (N)			FROM ELETTRA AV TO MILTON RD			FROM ELETTRA AV TO HAMBLEDON RD (S)			FROM ELETTRA AV TO ELETTRA AV			FROM ELETTRA AV TO HAMBLEDON RD (N)			FROM HAMBLEDON RD (N) TO MILTON RD			FROM HAMBLEDON RD (S) TO HAMBLEDON RD (S)			FROM HAMBLEDON RD (N) TO ELETTRA AV			FROM HAMBLEDON RD (N) TO HAMBLEDON RD (N)		
	LV	HV	TOT	LV	HV	TOT	LV	HV	TOT	LV	HV	TOT	LV	HV	TOT	LV	HV	TOT	LV	HV	TOT	LV	HV	TOT	LV	HV	TOT	LV	HV	TOT	LV	HV	TOT	LV	HV	TOT	LV	HV	TOT	LV	HV	TOT	LV	HV	TOT	LV	HV	TOT
16:30	0	0	0	81	2	83	18	0	18	17	1	18	116	2	118	19	0	19	48	2	50	160	3	163	44	1	45	74	0	74	0	0	0	39	1	40	6	0	6	154	5	159	18	0	18	8	1	9
16:45	0	0	0	60	1	61	20	0	20	9	0	9	141	5	146	17	0	17	57	0	57	162	3	165	42	0	42	80	3	83	0	0	0	36	0	36	13	0	13	114	4	118	24	1	25	3	0	3
17:00	0	0	0	70	1	71	20	0	20	16	0	16	121	2	123	33	1	34	65	0	65	162	3	165	56	0	56	112	1	113	0	0	0	48	1	49	12	0	12	147	4	151	20	0	20	8	0	8
17:15	0	0	0	67	6	73	29	1	30	13	0	13	112	2	114	24	0	24	55	0	55	177	2	179	53	0	53	83	1	84	0	0	0	43	0	43	4	1	5	132	4	136	23	0	23	12	0	12
17:30	0	0	0	84	3	87	17	0	17	7	0	7	121	4	125	21	1	22	51	0	51	170	1	171	48	0	48	84	0	84	0	0	0	36	0	36	11	0	11	153	3	156	27	0	27	11	0	11
17:45	0	0	0	66	3	69	24	0	24	17	0	17	105	2	107	14	0	14	49	0	49	147	2	149	37	0	37	66	0	66	0	0	0	25	1	26	10	0	10	107	0	107	27	0	27	4	0	4
18:00	0	0	0	72	2	74	22	0	22	11	0	11	128	4	132	10	0	10	31	0	31	143	2	145	39	0	39	65	0	65	0	0	0	30	0	30	14	0	14	146	0	146	22	0	22	4	0	4
18:15	0	0	0	96	3	99	30	0	30	15	0	15	95	2	97	13	0	13	62	0	62	143	3	146	43	0	43	95	2	97	0	0	0	32	0	32	10	0	10	139	2	141	21	0	21	4	0	4
P/TOT	0	0	0	596	21	617	180	1	181	105	1	106	939	23	962	151	2	153	418	2	420	1264	19	1283	362	1	363	659	7	666	0	0	0	289	3	292	80	1	81	1092	22	1114	182	1	183	54	1	55

MANUAL CLASSIFIED COUNTS

JOB REF: 10750

JOB NAME: WATERLOOVILLE

SITE: 1

LOCATION: MILTON RD / HAMBLETON RD (S) / ELETTRA AV

SITE: 24/09/2021

LOCATION: FRIDAY

TIME	A TO A			A TO B			A TO C			A TO D			B TO A			B TO B			B TO C			B TO D			C TO A			C TO B			C TO C			C TO D			D TO A			D TO B			D TO C			D TO D		
	DM MILTON RD TO MILTON			MILTON RD TO HAMBLETON			DM MILTON RD TO ELETTRA			MILTON RD TO HAMBLETON			HAMBLETON RD (S) TO MIL			BLEDON RD (S) TO HAMBLE			HAMBLETON RD (S) TO ELET			BLEDON RD (S) TO HAMBLE			DM ELETTRA AV TO MILTON			ELETTRA AV TO HAMBLETON			DM ELETTRA AV TO ELETTRA			ELETTRA AV TO HAMBLETON			HAMBLETON RD (N) TO MIL			BLEDON RD (N) TO HAMBLE			HAMBLETON RD (N) TO ELET			BLEDON RD (N) TO HAMBLE		
	LV	HV	TOT	LV	HV	TOT	LV	HV	TOT	LV	HV	TOT	LV	HV	TOT	LV	HV	TOT	LV	HV	TOT	LV	HV	TOT	LV	HV	TOT	LV	HV	TOT	LV	HV	TOT	LV	HV	TOT	LV	HV	TOT	LV	HV	TOT						
07:30 - 08:30	0	0	0	413	10	423	90	3	93	81	3	84	228	28	256	13	3	16	249	5	254	494	39	533	74	6	80	173	8	181	0	0	0	104	11	115	30	1	31	672	28	700	81	1	82	34	4	38
07:45 - 08:45	0	0	0	416	13	429	98	4	102	81	2	83	258	25	283	19	5	24	273	4	277	544	37	581	83	5	88	181	9	190	0	0	0	110	12	122	29	4	33	656	31	687	92	1	93	41	3	44
08:00 - 09:00	0	0	0	405	14	419	83	4	87	89	2	91	289	18	307	24	4	28	313	6	319	577	30	607	89	6	95	198	10	208	0	0	0	119	8	127	32	5	37	693	34	727	101	0	101	45	3	48
08:15 - 09:15	0	0	0	380	13	393	70	4	74	84	2	86	304	14	318	30	6	36	332	7	339	624	31	655	90	3	93	238	7	245	0	0	0	131	8	139	36	4	40	715	28	743	112	0	112	52	4	56
08:30 - 09:30	0	0	0	364	14	378	71	4	75	63	1	64	318	15	333	37	4	41	313	7	320	626	32	658	102	4	106	256	3	259	0	0	0	140	7	147	34	4	38	687	27	714	111	1	112	51	2	53

TIME	A TO A			A TO B			A TO C			A TO D			B TO A			B TO B			B TO C			B TO D			C TO A			C TO B			C TO C			C TO D			D TO A			D TO B			D TO C			D TO D		
	DM MILTON RD TO MILTON			MILTON RD TO HAMBLETON			DM MILTON RD TO ELETTRA			MILTON RD TO HAMBLETON			HAMBLETON RD (S) TO MIL			BLEDON RD (S) TO HAMBLE			HAMBLETON RD (S) TO ELET			BLEDON RD (S) TO HAMBLE			DM ELETTRA AV TO MILTON			ELETTRA AV TO HAMBLETON			DM ELETTRA AV TO ELETTRA			ELETTRA AV TO HAMBLETON			HAMBLETON RD (N) TO MIL			BLEDON RD (N) TO HAMBLE			HAMBLETON RD (N) TO ELET			BLEDON RD (N) TO HAMBLE		
	LV	HV	TOT	LV	HV	TOT	LV	HV	TOT	LV	HV	TOT	LV	HV	TOT	LV	HV	TOT	LV	HV	TOT	LV	HV	TOT	LV	HV	TOT	LV	HV	TOT	LV	HV	TOT	LV	HV	TOT	LV	HV	TOT	LV	HV	TOT	LV	HV	TOT			
16:30 - 17:30	0	0	0	278	10	288	87	1	88	55	1	56	490	11	501	93	1	94	225	2	227	661	11	672	195	1	196	349	5	354	0	0	0	166	2	168	35	1	36	547	17	564	85	1	86	31	1	32
16:45 - 17:45	0	0	0	281	11	292	86	1	87	45	0	45	495	11	506	94	1	95	228	0	228	660	9	669	194	0	194	348	5	353	0	0	0	163	1	164	40	1	41	546	15	561	94	1	95	34	0	34
17:00 - 18:00	0	0	0	287	13	300	90	1	91	53	0	53	459	10	469	92	2	94	220	0	220	656	8	664	194	0	194	345	2	347	0	0	0	152	2	154	37	1	38	539	11	550	97	0	97	35	0	35
17:15 - 18:15	0	0	0	289	14	303	92	1	93	48	0	48	466	12	478	69	1	70	186	0	186	637	7	644	177	0	177	298	1	299	0	0	0	134	1	135	39	1	40	538	7	545	99	0	99	31	0	31
17:30 - 18:30	0	0	0	318	11	329	93	0	93	50	0	50	449	12	461	58	1	59	193	0	193	603	8	611	167	0	167	310	2	312	0	0	0	123	1	124	45	0	45	545	5	550	97	0	97	23	0	23

MANUAL CLASSIFIED COUNTS

JOB REF: 10750

JOB NAME: WATERLOOVILLE

SITE: 1

LOCATION: MILTON RD / HAMBLEDON RD (S) / ELETTRA AV

DATE: 24/09/2021

DAY: FRIDAY

TIME	TO ARM A			FROM ARM A			TO ARM B			FROM ARM B			TO ARM C			FROM ARM C			TO ARM D			FROM ARM D		
	MILTON RD			MILTON RD			HAMBLEDON RD (S)			HAMBLEDON RD (S)			ELETTRA AV			ELETTRA AV			HAMBLEDON RD (N)			HAMBLEDON RD (N)		
	LV	HV	TOT	LV	HV	TOT	LV	HV	TOT	LV	HV	TOT	LV	HV	TOT	LV	HV	TOT	LV	HV	TOT	LV	HV	TOT
07:30	59	7	66	135	2	137	314	7	321	201	18	219	82	2	84	80	3	83	156	14	170	195	7	202
07:45	80	10	90	149	4	153	312	10	322	247	26	273	109	3	112	79	7	86	166	21	187	192	7	199
08:00	100	13	113	159	5	164	315	16	331	257	17	274	113	2	115	88	7	95	178	10	188	202	12	214
08:15	93	5	98	141	5	146	330	16	346	279	14	293	116	2	118	104	8	112	213	12	225	228	8	236
08:30	97	6	103	146	5	151	315	16	331	311	14	325	125	2	127	103	4	107	219	11	230	196	12	208
08:45	120	5	125	131	5	136	360	14	374	356	13	369	143	4	147	111	5	116	220	10	230	245	10	255
09:00	120	5	125	116	4	120	358	8	366	344	17	361	130	3	133	141	1	142	239	12	251	246	6	252
09:15	117	7	124	105	5	110	311	10	321	283	14	297	97	3	100	143	4	147	202	9	211	196	6	202
P/TOT	786	58	844	1082	35	1117	2615	97	2712	2778	133	2911	915	21	936	849	39	888	1593	99	1692	1700	68	1768

TIME	TO ARM A			FROM ARM A			TO ARM B			FROM ARM B			TO ARM C			FROM ARM C			TO ARM D			FROM ARM D		
	MILTON RD			MILTON RD			HAMBLEDON RD (S)			HAMBLEDON RD (S)			ELETTRA AV			ELETTRA AV			HAMBLEDON RD (N)			HAMBLEDON RD (N)		
	LV	HV	TOT	LV	HV	TOT	LV	HV	TOT	LV	HV	TOT	LV	HV	TOT	LV	HV	TOT	LV	HV	TOT	LV	HV	TOT
16:30	166	3	169	116	3	119	328	7	335	343	7	350	84	2	86	157	2	159	224	6	230	186	6	192
16:45	196	5	201	89	1	90	271	8	279	377	8	385	101	1	102	158	3	161	210	3	213	154	5	159
17:00	189	2	191	106	1	107	362	7	369	381	6	387	105	0	105	216	2	218	234	4	238	187	4	191
17:15	169	3	172	109	7	116	306	11	317	368	4	372	107	1	108	179	1	180	245	2	247	171	5	176
17:30	180	4	184	108	3	111	342	7	349	363	6	369	95	0	95	168	0	168	224	1	225	202	3	205
17:45	152	2	154	107	3	110	253	3	256	315	4	319	100	0	100	128	1	129	193	3	196	148	0	148
18:00	181	4	185	105	2	107	293	2	295	312	6	318	75	0	75	134	0	134	188	2	190	186	0	186
18:15	168	2	170	141	3	144	343	7	350	313	5	318	113	0	113	170	2	172	194	3	197	174	2	176
P/TOT	1381	25	1406	881	23	904	2498	52	2550	2772	46	2818	780	4	784	1310	11	1321	1712	24	1736	1408	25	1433

DTA OUTPUT

AM PEAK 08:00 - 09:00
PM PEAK 17:00 - 18:00

SITE: 1
LOCATION: MILTON RD / HAMBLEDON RD (S) / ELETTRA AV

Existing AM ALL VEHICLES

A	MILTON RD		A	B	C	D	Total
B	HAMBLEDON RD (S)	B	307	28	319	607	1261
C	ELETTRA AV	C	95	208	0	127	430
D	HAMBLEDON RD (N)	D	37	727	101	48	913
		Total	439	1382	507	873	3201

AM HGV

	A	B	C	D	Total
A	0	14	4	2	20
B	18	4	6	30	58
C	6	10	0	8	24
D	5	34	0	3	42
Total	29	62	10	43	144

PM ALL VEHICLES

	A	B	C	D	Total
A	0	300	91	53	444
B	469	94	220	664	1447
C	194	347	0	154	695
D	38	550	97	35	720
Total	701	1291	408	906	3306

PM HGV

	A	B	C	D	Total
A	0	13	1	0	14
B	10	2	0	8	20
C	0	2	0	2	4
D	1	11	0	0	12
Total	11	28	1	10	50

ACTUAL PEAK HOUR

AM PEAK 08:15 - 09:15
PM PEAK 16:45 - 17:45

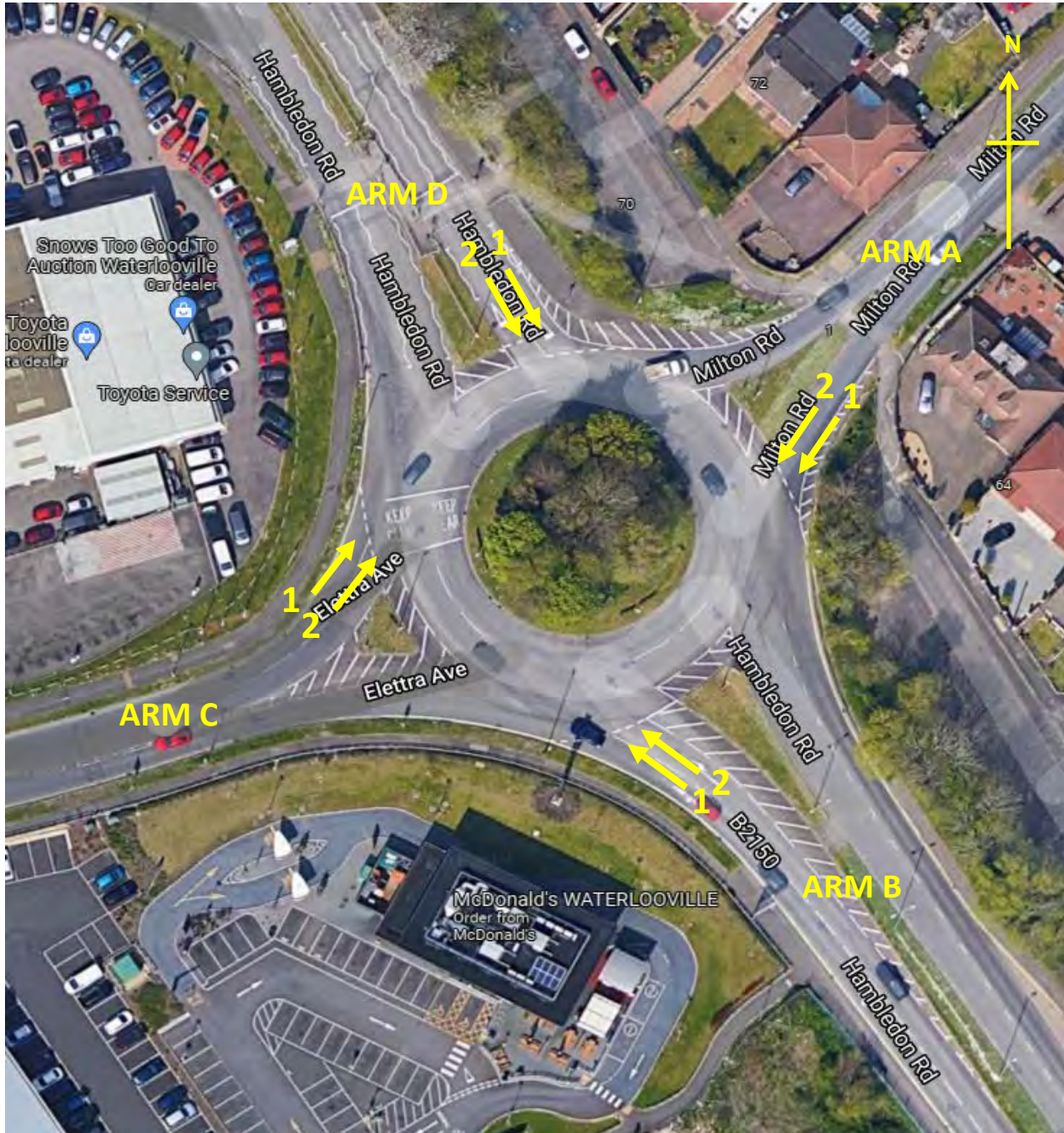
SITE: 1

**AUTO
SURVEYS LTD**
TRUSTED • LOCAL • COURTEOUS

DATE: 24th & 25th SEPTEMBER
2021

LOCATION: MILTON RD /
HAMBLEDON RD / ELLETTA AV

DAY: FRIDAY & SATURDAY



JOB TITLE: WATERLOOVILLE

JOB NUMBER: 10750

MANUAL CLASSIFIED COUNTS

JOB REF: 10750

JOB NAME: WATERLOOVILLE

SITE: 1

LOCATION: MILTON RD / HAMBLEDON RD (S) / ELETTRA AV



DATE: 24/09/2021

DAY: FRIDAY

TIME	A TO A FROM MILTON RD TO MILTON RD								A TO B FROM MILTON RD TO HAMBLEDON RD (S)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
11:00	0	0	0	0	0	0	0	0	73	6	0	0	1	0	0	80
11:15	0	0	0	0	0	0	0	0	70	5	2	0	3	0	0	80
11:30	0	0	0	0	0	0	0	0	72	10	1	0	2	0	0	85
11:45	0	0	0	0	0	0	0	0	73	6	3	0	2	0	0	84
H/TOT	0	0	0	0	0	0	0	0	288	27	6	0	8	0	0	329
12:00	0	0	0	0	0	0	0	0	73	11	1	0	2	2	0	89
12:15	0	0	0	0	0	0	0	0	75	7	2	0	1	2	0	87
12:30	0	0	0	0	0	0	0	0	63	7	1	0	2	0	0	73
12:45	0	0	0	0	0	0	0	0	82	9	1	0	2	2	0	96
H/TOT	0	0	0	0	0	0	0	0	293	34	5	0	7	6	0	345
13:00	0	0	0	0	0	0	0	0	72	5	2	0	1	0	0	80
13:15	0	0	0	0	0	0	0	0	64	1	1	0	3	1	0	70
13:30	0	0	0	0	0	0	0	0	76	7	0	0	2	0	1	86
13:45	0	0	0	0	0	0	0	0	62	8	0	0	2	1	0	73
H/TOT	0	0	0	0	0	0	0	0	274	21	3	0	8	2	1	309
14:00	0	0	0	0	0	0	0	0	72	8	0	0	1	0	0	81
14:15	0	0	0	0	0	0	0	0	81	4	2	0	2	4	0	93
14:30	0	0	0	0	0	0	0	0	70	5	0	1	2	1	0	79
14:45	0	0	0	0	0	0	0	0	62	7	1	0	2	0	0	72
H/TOT	0	0	0	0	0	0	0	0	285	24	3	1	7	5	0	325
P/TOT	0	0	0	0	0	0	0	0	1140	106	17	1	30	13	1	1308

MANUAL CLASSIFIED COUNTS

JOB REF: 10750

JOB NAME: WATERLOOVILLE

SITE: 1

LOCATION: MILTON RD / HAMBLEDON RD (S) / ELETTRA AV



DATE: 24/09/2021

DAY: FRIDAY

MANUAL CLASSIFIED COUNTS

JOB REF: 10750

JOB NAME: WATERLOOVILLE

SITE: 1

LOCATION: MILTON RD / HAMBLEDON RD (S) / ELETTRA AV



DATE: 24/09/2021

DAY: FRIDAY

TIME	A TO C FROM MILTON RD TO ELETTRA AV								A TO D FROM MILTON RD TO HAMBLEDON RD (N)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
11:00	20	1	0	0	0	2	0	23	12	1	0	0	0	0	0	13
11:15	14	2	0	0	0	0	0	16	10	1	0	0	0	0	0	11
11:30	10	4	0	0	0	0	0	14	16	1	0	0	0	0	0	17
11:45	23	3	1	0	0	0	0	27	18	2	0	0	0	0	0	20
H/TOT	67	10	1	0	0	2	0	80	56	5	0	0	0	0	0	61
12:00	20	6	0	0	0	0	0	26	12	1	0	0	0	0	0	13
12:15	17	8	0	0	0	0	0	25	13	1	0	0	0	0	0	14
12:30	8	5	0	0	0	0	0	13	18	1	0	0	0	0	0	19
12:45	9	1	0	0	0	0	0	10	4	0	2	0	0	0	0	6
H/TOT	54	20	0	0	0	0	0	74	47	3	2	0	0	0	0	52
13:00	15	6	0	0	0	0	0	21	17	1	0	0	0	0	0	18
13:15	12	1	0	0	0	0	0	13	9	2	0	0	0	0	0	11
13:30	16	0	0	0	0	0	0	16	10	4	0	0	0	0	0	14
13:45	20	1	0	0	0	0	0	21	9	0	0	0	0	0	0	9
H/TOT	63	8	0	0	0	0	0	71	45	7	0	0	0	0	0	52
14:00	11	0	0	0	0	0	0	11	11	2	0	0	0	0	0	13
14:15	23	1	0	0	0	2	0	26	6	0	0	0	0	0	0	6
14:30	14	0	0	0	0	0	0	14	12	1	1	0	0	0	0	14
14:45	12	2	0	0	0	0	0	14	4	0	0	0	0	2	0	6
H/TOT	60	3	0	0	0	2	0	65	33	3	1	0	0	2	0	39
P/TOT	244	41	1	0	0	4	0	290	181	18	3	0	0	2	0	204

MANUAL CLASSIFIED COUNTS

JOB REF: 10750

JOB NAME: WATERLOOVILLE

SITE: 1

LOCATION: MILTON RD / HAMBLEDON RD (S) / ELETTRA AV

**AUTO
SURVEYS LTD**
TRAFFIC COUNTING EQUIPMENT

DATE: 24/09/2021

DAY: FRIDAY

MANUAL CLASSIFIED COUNTS

JOB REF: 10750

JOB NAME: WATERLOOVILLE

SITE: 1

LOCATION: MILTON RD / HAMBLEDON RD (S) / ELETTRA AV



DATE: 24/09/2021

DAY: FRIDAY

TIME	B TO A FROM HAMBLEDON RD (S) TO MILTON RD								B TO B FROM HAMBLEDON RD (S) TO HAMBLEDON RD (S)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
11:00	71	16	2	0	1	0	0	90	8	1	0	0	0	0	0	9
11:15	87	10	2	0	1	4	1	105	6	0	0	0	0	0	0	6
11:30	82	7	1	0	2	1	0	93	5	0	0	0	0	0	0	5
11:45	74	8	1	0	2	0	0	85	8	0	0	0	0	0	0	8
H/TOT	314	41	6	0	6	5	1	373	27	1	0	0	0	0	0	28
12:00	100	9	0	0	3	0	0	112	7	2	0	0	0	0	0	9
12:15	82	6	2	0	0	0	0	90	4	0	0	0	0	0	0	4
12:30	81	3	1	0	3	4	0	92	4	1	0	0	0	0	0	5
12:45	86	5	0	0	2	3	0	96	3	0	0	0	0	0	0	3
H/TOT	349	23	3	0	8	7	0	390	18	3	0	0	0	0	0	21
13:00	79	6	0	0	1	2	0	88	7	0	0	0	0	0	0	7
13:15	69	5	0	0	2	0	0	76	9	1	0	0	0	0	0	10
13:30	78	7	0	0	2	0	0	87	6	1	0	0	0	0	0	7
13:45	79	9	0	0	1	0	0	89	6	0	0	0	0	0	0	6
H/TOT	305	27	0	0	6	2	0	340	28	2	0	0	0	0	0	30
14:00	74	12	0	1	3	3	0	93	7	1	0	0	0	0	0	8
14:15	78	5	0	0	1	1	0	85	4	0	0	0	0	0	0	4
14:30	79	6	0	0	3	2	0	90	0	0	0	0	0	0	0	0
14:45	73	6	0	0	2	3	0	84	4	0	0	0	0	0	0	4
H/TOT	304	29	0	1	9	9	0	352	15	1	0	0	0	0	0	16
P/TOT	1272	120	9	1	29	23	1	1455	88	7	0	0	0	0	0	95

MANUAL CLASSIFIED COUNTS

JOB REF: 10750

JOB NAME: WATERLOOVILLE

SITE: 1

LOCATION: MILTON RD / HAMBLEDON RD (S) / ELETTRA AV

**AUTO
SURVEYS LTD**
TRAFFIC & TRANSPORT ENGINEERS

DATE: 24/09/2021

DAY: FRIDAY

MANUAL CLASSIFIED COUNTS

JOB REF: 10750

JOB NAME: WATERLOOVILLE

SITE: 1

LOCATION: MILTON RD / HAMBLEDON RD (S) / ELETTRA AV



DATE: 24/09/2021

DAY: FRIDAY

TIME	B TO C FROM HAMBLEDON RD (S) TO ELETTRA AV								B TO D FROM HAMBLEDON RD (S) TO HAMBLEDON RD (N)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
11:00	45	2	0	0	0	0	0	47	115	16	4	0	0	2	0	137
11:15	32	3	0	0	0	0	0	35	147	18	3	0	0	0	0	168
11:30	52	2	1	0	0	0	0	55	124	10	4	1	0	2	0	141
11:45	45	5	0	0	0	1	0	51	128	17	0	0	1	3	0	149
H/TOT	174	12	1	0	0	1	0	188	514	61	11	1	1	7	0	595
12:00	42	3	0	0	0	1	0	46	155	11	1	0	0	2	1	170
12:15	36	11	0	0	0	0	0	47	140	20	1	0	0	5	0	166
12:30	44	7	1	0	0	0	0	52	148	10	2	0	1	1	0	162
12:45	38	6	0	0	0	0	0	44	130	18	3	0	0	2	0	153
H/TOT	160	27	1	0	0	1	0	189	573	59	7	0	1	10	1	651
13:00	39	5	0	0	0	3	0	47	137	10	2	0	0	0	0	149
13:15	38	7	0	0	0	0	0	45	129	13	2	0	0	1	0	145
13:30	39	3	0	0	0	0	0	42	133	9	1	0	1	1	0	145
13:45	39	3	0	0	0	1	0	43	122	12	0	0	0	1	0	135
H/TOT	155	18	0	0	0	4	0	177	521	44	5	0	1	3	0	574
14:00	39	3	0	0	0	0	0	42	148	16	2	0	0	1	0	167
14:15	36	2	1	0	0	2	0	41	123	7	4	1	0	1	0	136
14:30	27	0	0	0	0	1	0	28	121	18	2	0	0	0	0	141
14:45	35	2	0	0	0	0	0	37	138	14	2	0	0	1	0	155
H/TOT	137	7	1	0	0	3	0	148	530	55	10	1	0	3	0	599
P/TOT	626	64	3	0	0	9	0	702	2138	219	33	2	3	23	1	2419

MANUAL CLASSIFIED COUNTS

JOB REF: 10750

JOB NAME: WATERLOOVILLE

SITE: 1

LOCATION: MILTON RD / HAMBLEDON RD (S) / ELETTRA AV

**AUTO
SURVEYS LTD**
TRAFFIC COUNTING EQUIPMENT

DATE: 24/09/2021

DAY: FRIDAY

MANUAL CLASSIFIED COUNTS

JOB REF: 10750

JOB NAME: WATERLOOVILLE

SITE: 1

LOCATION: MILTON RD / HAMBLEDON RD (S) / ELETTRA AV



DATE: 24/09/2021

DAY: FRIDAY

TIME	C TO A FROM ELETTRA AV TO MILTON RD								C TO B FROM ELETTRA AV TO HAMBLEDON RD (S)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
11:00	35	2	0	0	0	0	0	37	62	4	1	0	0	0	0	67
11:15	20	3	0	0	0	0	0	23	39	3	0	0	0	2	0	44
11:30	23	2	0	0	0	0	0	25	33	3	0	0	0	0	0	36
11:45	28	5	0	0	0	1	0	34	49	5	0	0	0	0	0	54
H/TOT	106	12	0	0	0	1	0	119	183	15	1	0	0	2	0	201
12:00	24	2	0	0	0	0	0	26	55	6	0	0	0	0	0	61
12:15	40	1	0	0	0	1	0	42	61	2	1	0	0	1	0	65
12:30	32	3	0	0	0	0	0	35	58	3	0	0	0	0	0	61
12:45	24	3	1	0	0	0	0	28	46	3	0	0	0	0	0	49
H/TOT	120	9	1	0	0	1	0	131	220	14	1	0	0	1	0	236
13:00	23	1	0	0	0	0	0	24	36	7	1	0	0	1	0	45
13:15	29	0	0	0	0	0	0	29	49	8	1	0	0	0	0	58
13:30	23	0	0	0	0	0	0	23	31	5	0	0	0	3	0	39
13:45	12	4	0	0	0	0	1	17	42	3	0	0	0	0	3	48
H/TOT	87	5	0	0	0	0	1	93	158	23	2	0	0	4	3	190
14:00	21	0	0	0	0	0	0	21	33	7	0	0	0	0	0	40
14:15	18	1	0	0	0	0	0	19	38	5	1	0	0	2	0	46
14:30	24	3	0	0	0	0	0	27	58	2	1	0	0	0	0	61
14:45	18	2	0	0	0	2	0	22	33	1	0	0	0	1	0	35
H/TOT	81	6	0	0	0	2	0	89	162	15	2	0	0	3	0	182
P/TOT	394	32	1	0	0	4	1	432	723	67	6	0	0	10	3	809

MANUAL CLASSIFIED COUNTS

JOB REF: 10750

JOB NAME: WATERLOOVILLE

SITE: 1

LOCATION: MILTON RD / HAMBLEDON RD (S) / ELETTRA AV



DATE: 24/09/2021

DAY: FRIDAY

MANUAL CLASSIFIED COUNTS

JOB REF: 10750

JOB NAME: WATERLOOVILLE

SITE: 1

LOCATION: MILTON RD / HAMBLEDON RD (S) / ELETTRA AV



DATE: 24/09/2021

DAY: FRIDAY

TIME	C TO C FROM ELETTRA AV TO ELETTRA AV								C TO D FROM ELETTRA AV TO HAMBLEDON RD (N)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
11:00	0	0	0	0	0	0	0	0	33	1	0	0	0	0	0	34
11:15	0	0	0	0	0	0	0	0	14	2	0	0	0	1	1	18
11:30	0	0	0	0	0	0	0	0	22	1	0	0	0	0	0	23
11:45	0	0	0	0	0	0	0	0	21	2	1	0	0	0	0	24
H/TOT	0	0	0	0	0	0	0	0	90	6	1	0	0	1	1	99
12:00	0	0	0	0	0	0	0	0	36	5	0	0	0	1	0	42
12:15	0	0	0	0	0	0	0	0	22	4	0	0	0	0	0	26
12:30	0	0	0	0	0	0	0	0	23	0	0	0	0	0	0	23
12:45	0	0	0	0	0	0	0	0	23	2	1	0	0	0	0	26
H/TOT	0	0	0	0	0	0	0	0	104	11	1	0	0	1	0	117
13:00	0	0	0	0	0	0	0	0	34	4	0	0	0	2	0	40
13:15	0	0	0	0	0	0	0	0	33	1	0	0	0	0	0	34
13:30	0	0	0	0	0	0	0	0	24	3	0	0	0	1	0	28
13:45	0	0	0	0	0	0	0	0	25	5	0	0	0	0	0	30
H/TOT	0	0	0	0	0	0	0	0	116	13	0	0	0	3	0	132
14:00	0	0	0	0	0	0	0	0	25	1	0	0	0	0	0	26
14:15	0	0	0	0	0	0	0	0	28	2	0	0	0	1	0	31
14:30	0	0	0	0	0	0	0	0	27	3	0	0	0	0	0	30
14:45	0	0	0	0	0	0	0	0	13	1	0	0	0	0	0	14
H/TOT	0	0	0	0	0	0	0	0	93	7	0	0	0	1	0	101
P/TOT	0	0	0	0	0	0	0	0	403	37	2	0	0	6	1	449

MANUAL CLASSIFIED COUNTS

JOB REF: 10750

JOB NAME: WATERLOOVILLE

SITE: 1

LOCATION: MILTON RD / HAMBLEDON RD (S) / ELETTRA AV

**AUTO
SURVEYS LTD**
TRAFFIC COUNTING SOLUTIONS

DATE: 24/09/2021

DAY: FRIDAY

MANUAL CLASSIFIED COUNTS

JOB REF: 10750

JOB NAME: WATERLOOVILLE

SITE: 1

LOCATION: MILTON RD / HAMBLEDON RD (S) / ELETTRA AV



DATE: 24/09/2021

DAY: FRIDAY

TIME	D TO A FROM HAMBLEDON RD (N) TO MILTON RD								D TO B FROM HAMBLEDON RD (N) TO HAMBLEDON RD (S)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
11:00	8	2	0	0	0	0	0	10	132	11	2	0	0	1	0	146
11:15	6	2	0	0	0	0	0	8	122	7	3	0	0	2	1	135
11:30	2	0	0	0	0	0	0	2	118	12	0	0	0	1	0	131
11:45	5	1	0	0	0	0	0	6	99	7	3	1	0	0	0	110
H/TOT	21	5	0	0	0	0	0	26	471	37	8	1	0	4	1	522
12:00	7	2	0	0	0	0	0	9	105	12	0	0	0	0	0	117
12:15	5	0	1	0	0	0	0	6	134	7	1	0	1	5	0	148
12:30	6	1	0	0	0	1	0	8	109	13	2	0	0	0	0	124
12:45	5	0	0	0	0	0	0	5	121	16	2	0	0	2	0	141
H/TOT	23	3	1	0	0	1	0	28	469	48	5	0	1	7	0	530
13:00	8	0	1	0	0	0	0	9	95	12	4	0	0	1	0	112
13:15	7	1	0	0	0	0	0	8	115	9	1	0	0	1	0	126
13:30	7	1	0	0	0	0	0	8	124	13	1	0	0	0	0	138
13:45	2	1	1	0	0	0	0	4	90	11	0	0	0	1	0	102
H/TOT	24	3	2	0	0	0	0	29	424	45	6	0	0	3	0	478
14:00	6	0	0	0	0	0	0	6	101	12	2	0	0	0	0	115
14:15	6	0	0	0	0	0	0	6	116	15	1	0	1	0	0	133
14:30	10	0	0	0	0	0	0	10	101	9	2	0	0	1	0	113
14:45	6	1	1	0	0	0	0	8	124	13	1	0	0	1	0	139
H/TOT	28	1	1	0	0	0	0	30	442	49	6	0	1	2	0	500
P/TOT	96	12	4	0	0	1	0	113	1806	179	25	1	2	16	1	2030

MANUAL CLASSIFIED COUNTS

JOB REF: 10750

JOB NAME: WATERLOOVILLE

SITE: 1

LOCATION: MILTON RD / HAMBLEDON RD (S) / ELETTRA AV



DATE: 24/09/2021

DAY: FRIDAY

MANUAL CLASSIFIED COUNTS

JOB REF: 10750

JOB NAME: WATERLOOVILLE

SITE: 1

LOCATION: MILTON RD / HAMBLEDON RD (S) / ELETTRA AV



DATE: 24/09/2021

DAY: FRIDAY

TIME	D TO C FROM HAMBLEDON RD (N) TO ELETTRA AV								D TO D FROM HAMBLEDON RD (N) TO HAMBLEDON RD (N)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
11:00	15	0	0	0	0	0	0	15	7	2	0	0	0	0	0	9
11:15	13	0	0	0	0	0	0	13	5	1	0	0	0	0	0	6
11:30	12	3	0	0	0	0	0	15	5	1	0	0	0	0	0	6
11:45	18	4	0	0	0	0	0	22	7	1	0	0	0	0	0	8
H/TOT	58	7	0	0	0	0	0	65	24	5	0	0	0	0	0	29
12:00	19	3	0	0	0	0	0	22	14	0	0	0	0	0	0	14
12:15	26	4	0	0	0	0	0	30	8	0	0	0	0	0	0	8
12:30	16	0	1	0	0	0	0	17	2	0	0	0	0	0	0	2
12:45	15	0	0	0	0	0	0	15	6	1	0	0	0	0	0	7
H/TOT	76	7	1	0	0	0	0	84	30	1	0	0	0	0	0	31
13:00	20	2	0	0	0	0	0	22	3	1	0	0	1	0	0	5
13:15	17	1	0	0	0	1	0	19	6	0	0	0	0	0	0	6
13:30	6	1	0	0	0	0	0	7	8	0	0	0	0	0	0	8
13:45	18	3	0	0	0	0	0	21	4	2	0	0	0	0	0	6
H/TOT	61	7	0	0	0	1	0	69	21	3	0	0	1	0	0	25
14:00	8	3	0	0	0	0	0	11	3	0	0	0	0	0	0	3
14:15	10	0	0	0	0	0	0	10	5	0	0	0	0	0	0	5
14:30	13	2	0	0	0	0	0	15	4	1	0	0	0	0	0	5
14:45	17	3	0	0	0	0	0	20	7	0	1	0	1	0	0	9
H/TOT	48	8	0	0	0	0	0	56	19	1	1	0	1	0	0	22
P/TOT	243	29	1	0	0	1	0	274	94	10	1	0	2	0	0	107

MANUAL CLASSIFIED COUNTS

JOB REF: 10750

JOB NAME: WATERLOOVILLE

SITE: 1

LOCATION: MILTON RD / HAMBLEDON RD (S) / ELETTRA AV



DATE: 24/09/2021

DAY: FRIDAY

MANUAL CLASSIFIED COUNTS

JOB REF: 10750

JOB NAME: WATERLOOVILLE

SITE: 1

LOCATION: MILTON RD / HAMBLEDON RD (S) / ELETTRA AV



DATE: 24/09/2021

DAY: FRIDAY

TIME	TO ARM A MILTON RD								FROM ARM A MILTON RD							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
11:00	114	20	2	0	1	0	0	137	105	8	0	0	1	2	0	116
11:15	113	15	2	0	1	4	1	136	94	8	2	0	3	0	0	107
11:30	107	9	1	0	2	1	0	120	98	15	1	0	2	0	0	116
11:45	107	14	1	0	2	1	0	125	114	11	4	0	2	0	0	131
H/TOT	441	58	6	0	6	6	1	518	411	42	7	0	8	2	0	470
12:00	131	13	0	0	3	0	0	147	105	18	1	0	2	2	0	128
12:15	127	7	3	0	0	1	0	138	105	16	2	0	1	2	0	126
12:30	119	7	1	0	3	5	0	135	89	13	1	0	2	0	0	105
12:45	115	8	1	0	2	3	0	129	95	10	3	0	2	2	0	112
H/TOT	492	35	5	0	8	9	0	549	394	57	7	0	7	6	0	471
13:00	110	7	1	0	1	2	0	121	104	12	2	0	1	0	0	119
13:15	105	6	0	0	2	0	0	113	85	4	1	0	3	1	0	94
13:30	108	8	0	0	2	0	0	118	102	11	0	0	2	0	1	116
13:45	93	14	1	0	1	0	1	110	91	9	0	0	2	1	0	103
H/TOT	416	35	2	0	6	2	1	462	382	36	3	0	8	2	1	432
14:00	101	12	0	1	3	3	0	120	94	10	0	0	1	0	0	105
14:15	102	6	0	0	1	1	0	110	110	5	2	0	2	6	0	125
14:30	113	9	0	0	3	2	0	127	96	6	1	1	2	1	0	107
14:45	97	9	1	0	2	5	0	114	78	9	1	0	2	2	0	92
H/TOT	413	36	1	1	9	11	0	471	378	30	4	1	7	9	0	429
P/TOT	1762	164	14	1	29	28	2	2000	1565	165	21	1	30	19	1	1802

MANUAL CLASSIFIED COUNTS

JOB REF: 10750

JOB NAME: WATERLOOVILLE

SITE: 1

LOCATION: MILTON RD / HAMBLEDON RD (S) / ELETTRA AV

**AUTO
SURVEYS LTD**
TRAFFIC COUNTING EQUIPMENT

DATE: 24/09/2021

DAY: FRIDAY

MANUAL CLASSIFIED COUNTS



JOB REF: 10750

JOB NAME: WATERLOOVILLE

SITE: 1

DATE: 24/09/2021

LOCATION: MILTON RD / HAMBLEDON RD (S) / ELETTRA AV

DAY: FRIDAY

TIME	TO ARM B HAMBLEDON RD (S)								FROM ARM B HAMBLEDON RD (S)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
11:00	275	22	3	0	1	1	0	302	239	35	6	0	1	2	0	283
11:15	237	15	5	0	3	4	1	265	272	31	5	0	1	4	1	314
11:30	228	25	1	0	2	1	0	257	263	19	6	1	2	3	0	294
11:45	229	18	6	1	2	0	0	256	255	30	1	0	3	4	0	293
H/TOT	969	80	15	1	8	6	1	1080	1029	115	18	1	7	13	1	1184
12:00	240	31	1	0	2	2	0	276	304	25	1	0	3	3	1	337
12:15	274	16	4	0	2	8	0	304	262	37	3	0	0	5	0	307
12:30	234	24	3	0	2	0	0	263	277	21	4	0	4	5	0	311
12:45	252	28	3	0	2	4	0	289	257	29	3	0	2	5	0	296
H/TOT	1000	99	11	0	8	14	0	1132	1100	112	11	0	9	18	1	1251
13:00	210	24	7	0	1	2	0	244	262	21	2	0	1	5	0	291
13:15	237	19	3	0	3	2	0	264	245	26	2	0	2	1	0	276
13:30	237	26	1	0	2	3	1	270	256	20	1	0	3	1	0	281
13:45	200	22	0	0	2	2	3	229	246	24	0	0	1	2	0	273
H/TOT	884	91	11	0	8	9	4	1007	1009	91	5	0	7	9	0	1121
14:00	213	28	2	0	1	0	0	244	268	32	2	1	3	4	0	310
14:15	239	24	4	0	3	6	0	276	241	14	5	1	1	4	0	266
14:30	229	16	3	1	2	2	0	253	227	24	2	0	3	3	0	259
14:45	223	21	2	0	2	2	0	250	250	22	2	0	2	4	0	280
H/TOT	904	89	11	1	8	10	0	1023	986	92	11	2	9	15	0	1115
P/TOT	3757	359	48	2	32	39	5	4242	4124	410	45	3	32	55	2	4671

MANUAL CLASSIFIED COUNTS

JOB REF: 10750

JOB NAME: WATERLOOVILLE

SITE: 1

LOCATION: MILTON RD / HAMBLEDON RD (S) / ELETTRA AV



DATE: 24/09/2021

DAY: FRIDAY

MANUAL CLASSIFIED COUNTS

JOB REF: 10750

JOB NAME: WATERLOOVILLE

SITE: 1

LOCATION: MILTON RD / HAMBLEDON RD (S) / ELETTRA AV



DATE: 24/09/2021

DAY: FRIDAY

TIME	TO ARM C ELETTRA AV								FROM ARM C ELETTRA AV							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
11:00	80	3	0	0	0	2	0	85	130	7	1	0	0	0	0	138
11:15	59	5	0	0	0	0	0	64	73	8	0	0	0	3	1	85
11:30	74	9	1	0	0	0	0	84	78	6	0	0	0	0	0	84
11:45	86	12	1	0	0	1	0	100	98	12	1	0	0	1	0	112
H/TOT	299	29	2	0	0	3	0	333	379	33	2	0	0	4	1	419
12:00	81	12	0	0	0	1	0	94	115	13	0	0	0	1	0	129
12:15	79	23	0	0	0	0	0	102	123	7	1	0	0	2	0	133
12:30	68	12	2	0	0	0	0	82	113	6	0	0	0	0	0	119
12:45	62	7	0	0	0	0	0	69	93	8	2	0	0	0	0	103
H/TOT	290	54	2	0	0	1	0	347	444	34	3	0	0	3	0	484
13:00	74	13	0	0	0	3	0	90	93	12	1	0	0	3	0	109
13:15	67	9	0	0	0	1	0	77	111	9	1	0	0	0	0	121
13:30	61	4	0	0	0	0	0	65	78	8	0	0	0	4	0	90
13:45	77	7	0	0	0	1	0	85	79	12	0	0	0	0	4	95
H/TOT	279	33	0	0	0	5	0	317	361	41	2	0	0	7	4	415
14:00	58	6	0	0	0	0	0	64	79	8	0	0	0	0	0	87
14:15	69	3	1	0	0	4	0	77	84	8	1	0	0	3	0	96
14:30	54	2	0	0	0	1	0	57	109	8	1	0	0	0	0	118
14:45	64	7	0	0	0	0	0	71	64	4	0	0	0	3	0	71
H/TOT	245	18	1	0	0	5	0	269	336	28	2	0	0	6	0	372
P/TOT	1113	134	5	0	0	14	0	1266	1520	136	9	0	0	20	5	1690

MANUAL CLASSIFIED COUNTS

JOB REF: 10750

JOB NAME: WATERLOOVILLE

SITE: 1

LOCATION: MILTON RD / HAMBLEDON RD (S) / ELETTRA AV

**AUTO
SURVEYS LTD**
TRAFFIC & TRANSPORT SURVEYS

DATE: 24/09/2021

DAY: FRIDAY

MANUAL CLASSIFIED COUNTS

JOB REF: 10750

JOB NAME: WATERLOOVILLE

SITE: 1

LOCATION: MILTON RD / HAMBLEDON RD (S) / ELETTRA AV



DATE: 24/09/2021

DAY: FRIDAY

TIME	TO ARM D HAMBLEDON RD (N)								FROM ARM D HAMBLEDON RD (N)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
11:00	167	20	4	0	0	2	0	193	162	15	2	0	0	1	0	180
11:15	176	22	3	0	0	1	1	203	146	10	3	0	0	2	1	162
11:30	167	13	4	1	0	2	0	187	137	16	0	0	0	1	0	154
11:45	174	22	1	0	1	3	0	201	129	13	3	1	0	0	0	146
H/TOT	684	77	12	1	1	8	1	784	574	54	8	1	0	4	1	642
12:00	217	17	1	0	0	3	1	239	145	17	0	0	0	0	0	162
12:15	183	25	1	0	0	5	0	214	173	11	2	0	1	5	0	192
12:30	191	11	2	0	1	1	0	206	133	14	3	0	0	1	0	151
12:45	163	21	6	0	0	2	0	192	147	17	2	0	0	2	0	168
H/TOT	754	74	10	0	1	11	1	851	598	59	7	0	1	8	0	673
13:00	191	16	2	0	1	2	0	212	126	15	5	0	1	1	0	148
13:15	177	16	2	0	0	1	0	196	145	11	1	0	0	2	0	159
13:30	175	16	1	0	1	2	0	195	145	15	1	0	0	0	0	161
13:45	160	19	0	0	0	1	0	180	114	17	1	0	0	1	0	133
H/TOT	703	67	5	0	2	6	0	783	530	58	8	0	1	4	0	601
14:00	187	19	2	0	0	1	0	209	118	15	2	0	0	0	0	135
14:15	162	9	4	1	0	2	0	178	137	15	1	0	1	0	0	154
14:30	164	23	3	0	0	0	0	190	128	12	2	0	0	1	0	143
14:45	162	15	3	0	1	3	0	184	154	17	3	0	1	1	0	176
H/TOT	675	66	12	1	1	6	0	761	537	59	8	0	2	2	0	608
P/TOT	2816	284	39	2	5	31	2	3179	2239	230	31	1	4	18	1	2524

MANUAL CLASSIFIED COUNTS

JOB REF: 10750

JOB NAME: WATERLOOVILLE

SITE: 1

LOCATION: MILTON RD / HAMBLEDON RD (S) / ELETTRA AV



DATE: 24/09/2021

DAY: FRIDAY

QUEUE LENGTHS

JOB REF: 10750



JOB NAME: WATERLOOVILLE

SITE: 1

DATE:

LOCATION: MILTON RD / HAMBLEDON RD (S) / ELETTRA AV / HAMBLEDON RD (N)

DAY:

NOTE: Queue Lengths recorded by the number of vehicles queuing at each 5-minute interval, by lane

TIME	ARM A MILTON RD		ARM B HAMBLEDON RD (S)		ARM C ELETTRA AV		ARM D HAMBLEDON RD (N)		TIME	ARM A MILTON RD		ARM B HAMBLEDON RD (S)		ARM C ELETTRA AV	
	LANE 1	LANE 2	LANE 1	LANE 2	LANE 1	LANE 2	LANE 1	LANE 2		LANE 1	LANE 2	LANE 1	LANE 2	LANE 1	LANE 2
11:00	0	0	0	0	1	2	7	0	13:00	0	0	0	0	2	1
11:05	1	0	0	0	1	0	1	0	13:05	0	0	0	0	0	0
11:10	2	0	0	0	0	0	2	0	13:10	0	0	0	0	1	0
11:15	0	0	0	0	0	2	1	0	13:15	1	0	0	0	0	0
11:20	1	0	0	0	0	0	0	0	13:20	0	0	0	0	0	0
11:25	0	0	0	0	0	0	0	0	13:25	0	0	0	0	0	0
11:30	0	0	2	0	0	0	0	1	13:30	0	0	0	0	7	0
11:35	0	0	0	0	0	0	2	1	13:35	4	0	0	0	0	0
11:40	1	0	0	0	0	0	0	0	13:40	0	0	0	0	0	0
11:45	1	0	0	0	0	0	0	0	13:45	0	0	0	0	0	0
11:50	3	0	0	0	0	0	0	0	13:50	1	0	0	0	0	0
11:55	0	0	0	0	0	0	0	0	13:55	2	0	0	1	1	2
12:00	5	0	0	0	0	0	0	0	14:00	1	0	0	0	0	1
12:05	0	0	0	0	0	0	2	0	14:05	0	0	0	0	2	0
12:10	2	0	12+	0	0	0	0	0	14:10	1	0	0	0	4	8
12:15	0	0	0	0	9	6	3	2	14:15	0	0	0	0	0	0
12:20	0	0	0	0	2	3	2	1	14:20	6+	0	0	0	0	0
12:25	0	0	0	0	0	0	0	0	14:25	0	0	0	0	0	0
12:30	2	0	0	0	0	0	0	0	14:30	0	0	0	0	0	0
12:35	0	0	0	0	0	3	0	0	14:35	2	0	0	0	2	2
12:40	2	0	0	0	0	0	0	0	14:40	0	0	0	0	0	0
12:45	0	0	0	0	2	1	2	0	14:45	2	0	0	0	1	0
12:50	0	0	0	0	0	0	0	0	14:50	1	0	0	0	2	0
12:55	0	0	0	0	0	0	0	1	14:55	1	0	0	0	0	0

MANUAL CLASSIFIED COUNTS

JOB REF: 10750

JOB NAME: WATERLOOVILLE

SITE: 1

LOCATION: MILTON RD / HAMBLEDON RD (S) / ELETTRA AV

SITE: 24/09/2021

LOCATION: FRIDAY

TIME	A TO A			A TO B			A TO C			A TO D			B TO A			B TO B			B TO C			B TO D			C TO A			C TO B			C TO C			C TO D			D TO A			D TO B			D TO C			D TO D		
	FROM MILTON RD TO MILTON RD			FROM MILTON RD TO HAMBLEDON RD (S)			FROM MILTON RD TO ELETTRA AV			FROM MILTON RD TO HAMBLEDON RD (N)			FROM HAMBLEDON RD (S) TO MILTON RD			FROM HAMBLEDON RD (S) TO HAMBLEDON RD (S)			FROM HAMBLEDON RD (S) TO ELETTRA AV			FROM HAMBLEDON RD (S) TO HAMBLEDON RD (N)			FROM ELETTRA AV TO MILTON RD			FROM ELETTRA AV TO HAMBLEDON RD (S)			FROM ELETTRA AV TO ELETTRA AV			FROM ELETTRA AV TO HAMBLEDON RD (N)			FROM HAMBLEDON RD (N) TO MILTON RD			FROM HAMBLEDON RD (N) TO HAMBLEDON RD (S)			FROM HAMBLEDON RD (N) TO ELETTRA AV			FROM HAMBLEDON RD (N) TO HAMBLEDON RD (N)		
	LV	HV	TOT	LV	HV	TOT	LV	HV	TOT	LV	HV	TOT	LV	HV	TOT	LV	HV	TOT	LV	HV	TOT	LV	HV	TOT	LV	HV	TOT	LV	HV	TOT	LV	HV	TOT	LV	HV	TOT	LV	HV	TOT	LV	HV	TOT	LV	HV	TOT	LV	HV	TOT
11:00	0	0	0	79	1	80	21	0	21	13	0	13	87	3	90	9	0	9	47	0	47	131	4	135	37	0	37	66	1	67	0	0	0	34	0	34	10	0	10	143	2	145	15	0	15	9	0	9
11:15	0	0	0	75	5	80	16	0	16	11	0	11	97	3	100	6	0	6	35	0	35	165	3	168	23	0	23	42	0	42	0	0	0	16	0	16	8	0	8	129	3	132	13	0	13	6	0	6
11:30	0	0	0	82	3	85	14	0	14	17	0	17	89	3	92	5	0	5	54	1	55	134	5	139	25	0	25	36	0	36	0	0	0	23	0	23	2	0	2	130	0	130	15	0	15	6	0	6
11:45	0	0	0	79	5	84	26	1	27	20	0	20	82	3	85	8	0	8	50	0	50	145	1	146	33	0	33	54	0	54	0	0	0	23	1	24	6	0	6	106	4	110	22	0	22	8	0	8
12:00	0	0	0	84	3	87	26	0	26	13	0	13	109	3	112	9	0	9	45	0	45	166	1	167	26	0	26	61	0	61	0	0	0	41	0	41	9	0	9	117	0	117	22	0	22	14	0	14
12:15	0	0	0	82	3	85	25	0	25	14	0	14	88	2	90	4	0	4	47	0	47	160	1	161	41	0	41	63	1	64	0	0	0	26	0	26	5	1	6	141	2	143	30	0	30	8	0	8
12:30	0	0	0	70	3	73	13	0	13	19	0	19	84	4	88	5	0	5	51	1	52	158	3	161	35	0	35	61	0	61	0	0	0	23	0	23	7	0	7	122	2	124	16	1	17	2	0	2
12:45	0	0	0	91	3	94	10	0	10	4	2	6	91	2	93	3	0	3	44	0	44	148	3	151	27	1	28	49	0	49	0	0	0	25	1	26	5	0	5	137	2	139	15	0	15	7	0	7
13:00	0	0	0	77	3	80	21	0	21	18	0	18	85	1	86	7	0	7	44	0	44	147	2	149	24	0	24	43	1	44	0	0	0	38	0	38	8	1	9	107	4	111	22	0	22	4	1	5
13:15	0	0	0	65	4	69	13	0	13	11	0	11	74	2	76	10	0	10	45	0	45	142	2	144	29	0	29	57	1	58	0	0	0	34	0	34	8	0	8	124	1	125	18	0	18	6	0	6
13:30	0	0	0	83	2	85	16	0	16	14	0	14	85	2	87	7	0	7	42	0	42	142	2	144	23	0	23	36	0	36	0	0	0	27	0	27	8	0	8	137	1	138	7	0	7	8	0	8
13:45	0	0	0	70	2	72	21	0	21	9	0	9	88	1	89	6	0	6	42	0	42	134	0	134	16	0	16	45	0	45	0	0	0	30	0	30	3	1	4	101	0	101	21	0	21	6	0	6
14:00	0	0	0	80	1	81	11	0	11	13	0	13	86	4	90	8	0	8	42	0	42	164	2	166	21	0	21	40	0	40	0	0	0	26	0	26	6	0	6	113	2	115	11	0	11	3	0	3
14:15	0	0	0	85	4	89	24	0	24	6	0	6	83	1	84	4	0	4	38	1	39	130	5	135	19	0	19	43	1	44	0	0	0	30	0	30	6	0	6	131	2	133	10	0	10	5	0	5
14:30	0	0	0	75	3	78	14	0	14	13	1	14	85	3	88	0	0	0	27	0	27	139	2	141	27	0	27	60	1	61	0	0	0	30	0	30	10	0	10	110	2	112	15	0	15	5	0	5
14:45	0	0	0	69	3	72	14	0	14	4	0	4	79	2	81	4	0	4	37	0	37	152	2	154	20	0	20	34	0	34	0	0	0	14	0	14	7	1	8	137	1	138	20	0	20	7	2	9
P/TOT	0	0	0	937	37	974	222	1	223	163	2	165	1059	29	1088	79	0	79	546	2	548	1772	27	1799	339	1	340	613	4	617	0	0	0	340	2	342	79	3	82	1494	21	1515	216	1	217	84	1	85

TIME	A TO A			A TO B			A TO C			A TO D			B TO A			B TO B			B TO C			B TO D			C TO A			C TO B			C TO C			C TO D			D TO A			D TO B			D TO C			D TO D		
	FROM MILTON RD TO MILTON RD			FROM MILTON RD TO HAMBLEDON RD			FROM MILTON RD TO ELETTRA AV			FROM MILTON RD TO HAMBLEDON RD			FROM HAMBLEDON RD (S) TO MILTON RD			FROM HAMBLEDON RD (S) TO HAMBLEDON RD (S)			FROM HAMBLEDON RD (S) TO ELETTRA AV			FROM HAMBLEDON RD (S) TO HAMBLEDON RD (N)			FROM ELETTRA AV TO MILTON RD			FROM ELETTRA AV TO HAMBLEDON RD			FROM ELETTRA AV TO ELETTRA AV			FROM ELETTRA AV TO HAMBLEDON RD			FROM HAMBLEDON RD (N) TO MILTON RD			FROM HAMBLEDON RD (N) TO HAMBLEDON RD (S)			FROM HAMBLEDON RD (N) TO ELETTRA AV			FROM HAMBLEDON RD (N) TO HAMBLEDON RD (N)		
	LV	HV	TOT	LV	HV	TOT	LV	HV	TOT	LV	HV	TOT	LV	HV	TOT	LV	HV	TOT	LV	HV	TOT	LV	HV	TOT	LV	HV	TOT	LV	HV	TOT	LV	HV	TOT	LV	HV	TOT	LV	HV	TOT	LV	HV	TOT	LV	HV	TOT			
11:00 - 12:00	0	0	0	315	14	329	77	1	78	61	0	61	355	12	367	28	0	28	186	1	187	575	13	588	118	0	118	198	1	199	0	0	0	96	1	97	26	0	26	508	9	517	65	0	65	29	0	29
11:15 - 12:15	0	0	0	320	16	336	82	1	83	61	0	61	377	12	389	28	0	28	184	1	185	610	10	620	107	0	107	193	0	193	0	0	0	103	1	104	25	0	25	482	7	489	72	0	72	34	0	34
11:30 - 12:30	0	0	0	327	14	341	91	1	92	64	0	64	368	11	379	26	0	26	196	1	197	605	8	613	125	0	125	214	1	215	0	0	0	113	1	114	22	1	23	494	6	500	89	0	89	36	0	36
11:45 - 12:45	0	0	0	315	14	329	90	1	91	66	0	66	363	12	375	26	0	26	193	1	194	629	6	635	135	0	135	239	1	240	0	0	0	113	1	114	27	1	28	486	8	494	90	1	91	32	0	32
12:00 - 13:00	0	0	0	327	12	339	74	0	74	50	2	52	372	11	383	21	0	21	187	1	188	632	8	640	129	1	130	234	1	235	0	0	0	115	1	116	26	1	27	517	6	523	83	1	84	31	0	31
12:15 - 13:15	0	0	0	320	12	332	69	0	69	55	2	57	348	9	357	19	0	19	186	1	187	613	9	622	127	1	128	216	2	218	0	0	0	112	1	113	25	2	27	507	10	517	83	1	84	21	1	22
12:30 - 13:30	0	0	0	303	13	316	57	0	57	52	2	54	334	9	343	25	0	25	184	1	185	595	10	605	115	1	116	210	2	212	0	0	0	120	1	121	28	1	29	490	9	499	71	1	72	19	1	20
12:45 - 13:45	0	0	0	316	12	328	60	0	60	47	2	49	335	7	342	27	0	27	175	0	175	579	9	588	103	1	104	185	2	187	0	0	0	124	1	125	29	1	30	505	8	513	62	0	62	25	1	26
13:00 - 14:00	0	0	0	295	11	306	71	0	71	52	0	52	332	6	338	30	0	30	173	0	173	565	6	571	92	0	92	181	2	183	0	0	0	129	0	129	27	2	29	469	6	475	68	0	68	24	1	25
13:15 - 14:15	0	0	0	298	9	307	61	0	61	47	0	47	333	9	342	31	0	31	171	0	171	582	6	588	89	0	89	178	1	179	0	0	0	117	0	117	25	1	26	475	4	479	57	0	57	23	0	23
13:30 - 14:30	0	0	0	318	9	327	72	0	72	42	0	42	342	8	350	25	0	25	164	1	165	570	9	579	79	0	79	164	1	165	0	0	0	113	0	113	23	1	24	482	5	487	49	0	49	22	0	22
13:45 - 14:45	0	0	0	310	10	320	70	0	70	41	1	42	342	9	351	18	0	18	149	1	150	567	9	576	83	0	83	188	2	190	0	0	0	116	0	116	25	1	26	455	6	461	57	0	57	19	0	19

MANUAL CLASSIFIED COUNTS

JOB REF: 10750

JOB NAME: WATERLOOVILLE

SITE: 1

LOCATION: MILTON RD / HAMBLEDON RD (S) / ELETTRA AV

DATE: 24/09/2021

DAY: FRIDAY

TIME	TO ARM A			FROM ARM A			TO ARM B			FROM ARM B			TO ARM C			FROM ARM C			TO ARM D			FROM ARM D		
	MILTON RD			MILTON RD			HAMBLEDON RD (S)			HAMBLEDON RD (S)			ELETTRA AV			ELETTRA AV			HAMBLEDON RD (N)			HAMBLEDON RD (N)		
	LV	HV	TOT	LV	HV	TOT	LV	HV	TOT	LV	HV	TOT	LV	HV	TOT	LV	HV	TOT	LV	HV	TOT	LV	HV	TOT
11:00	134	3	137	113	1	114	297	4	301	274	7	281	83	0	83	137	1	138	187	4	191	177	2	179
11:15	128	3	131	102	5	107	252	8	260	303	6	309	64	0	64	81	0	81	198	3	201	156	3	159
11:30	116	3	119	113	3	116	253	3	256	282	9	291	83	1	84	84	0	84	180	5	185	153	0	153
11:45	121	3	124	125	6	131	247	9	256	285	4	289	98	1	99	110	1	111	196	2	198	142	4	146
12:00	144	3	147	123	3	126	271	3	274	329	4	333	93	0	93	128	0	128	234	1	235	162	0	162
12:15	134	3	137	121	3	124	290	6	296	299	3	302	102	0	102	130	1	131	208	1	209	184	3	187
12:30	126	4	130	102	3	105	258	5	263	298	8	306	80	2	82	119	0	119	202	3	205	147	3	150
12:45	123	3	126	105	5	110	280	5	285	286	5	291	69	0	69	101	2	103	184	6	190	164	2	166
13:00	117	2	119	116	3	119	234	8	242	283	3	286	87	0	87	105	1	106	207	3	210	141	6	147
13:15	111	2	113	89	4	93	256	6	262	271	4	275	76	0	76	120	1	121	193	2	195	156	1	157
13:30	116	2	118	113	2	115	263	3	266	276	4	280	65	0	65	86	0	86	191	2	193	160	1	161
13:45	107	2	109	100	2	102	222	2	224	270	1	271	84	0	84	91	0	91	179	0	179	131	1	132
14:00	113	4	117	104	1	105	241	3	244	300	6	306	64	0	64	87	0	87	206	2	208	133	2	135
14:15	108	1	109	115	4	119	263	7	270	255	7	262	72	1	73	92	1	93	171	5	176	152	2	154
14:30	122	3	125	102	4	106	245	6	251	251	5	256	56	0	56	117	1	118	187	3	190	140	2	142
14:45	106	3	109	87	3	90	244	4	248	272	4	276	71	0	71	68	0	68	177	4	181	171	4	175
P/TOT	1477	33	1510	1322	40	1362	3123	62	3185	3456	58	3514	984	4	988	1292	7	1299	2359	32	2391	1873	26	1899

DTA OUTPUT

PEAK 11:00 - 12:00

SITE:

1

Existing

Peak

ALL VEHICLES

LOCATION:

MILTON RD / HAMBLEDON RD (S) / ELETTRA AV

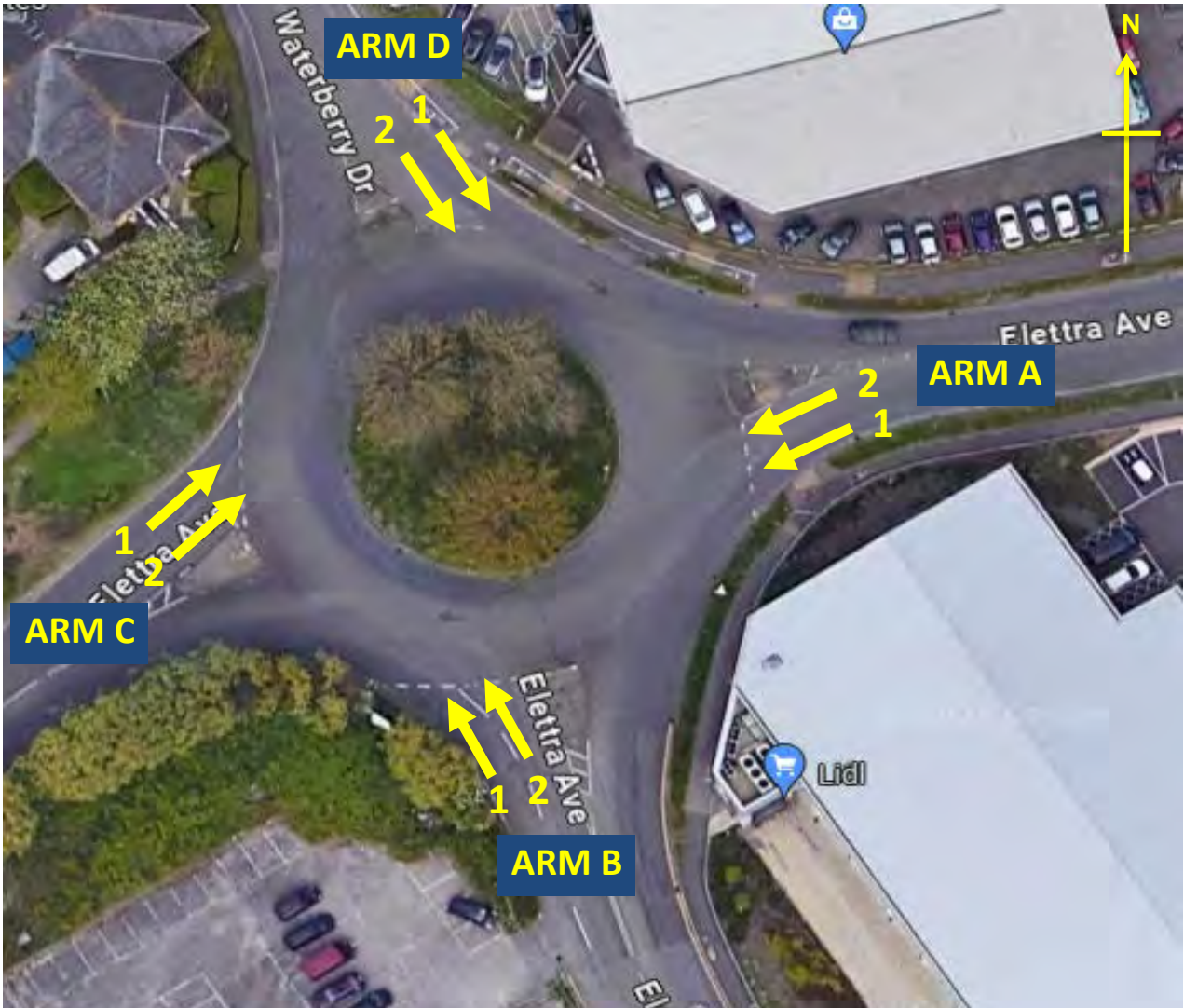
		A	B	C	D	Total	
A	MILTON RD	A	0	329	78	61	468
B	HAMBLEDON RD (S)	B	367	28	187	588	1170
C	ELETTRA AV	C	118	199	0	97	414
D	HAMBLEDON RD (N)	D	26	517	65	29	637
		Total	511	1073	330	775	2689

		A	B	C	D	Total
A		0	14	1	0	15
B		12	0	1	13	26
C		0	1	0	1	2
D		0	9	0	0	9
Total		12	24	2	14	52

ACTUAL PEAK HOUR

PEAK 11:45 - 12:45

SITE: 1		DATE: 7TH & 8TH JUNE 2024
LOCATION: ELETTRA AVENUE (E) / ELETTRA AVENUE (S) / ELETTRA AVENUE (W)		DAY: FRIDAY & SATURDAY



JOB TITLE: WATERLOOVILLE	JOB NUMBER: 13412
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MANUAL CLASSIFIED COUNTS

JOB REF: 13412

JOB NAME: WATERLOOVILLE

SITE: 1

LOCATION: ELETTRA AVENUE (E) / ELETTRA AVENUE (S) / ELETTRA AVENUE (W)



DATE: 07/06/2024

DAY: FRIDAY

TIME	A TO A								A TO B							
	FROM ELETTRA AVENUE (E) TO ELETTRA AVENUE (E)								FROM ELETTRA AVENUE (E) TO ELETTRA AVENUE (S)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
07:00	0	0	0	0	0	0	0	0	12	6	2	0	0	0	0	20
07:15	0	0	0	0	0	0	0	0	27	2	1	0	0	0	0	30
07:30	0	1	0	0	0	0	0	1	19	4	1	0	0	0	0	24
07:45	0	0	0	0	0	0	0	0	35	5	1	0	0	0	1	42
H/TOT	0	1	0	0	0	0	0	1	93	17	5	0	0	0	1	116
08:00	0	0	0	0	0	0	0	0	49	6	1	0	0	0	0	56
08:15	0	0	0	0	0	0	0	0	44	3	0	0	0	0	0	47
08:30	0	1	0	0	0	0	0	1	54	6	0	0	0	2	0	62
08:45	0	0	0	0	0	0	0	0	49	5	1	0	0	0	0	55
H/TOT	0	1	0	0	0	0	0	1	196	20	2	0	0	2	0	220
09:00	0	0	0	0	0	0	0	0	53	5	0	0	0	0	0	58
09:15	1	0	0	0	0	0	0	1	47	4	1	0	0	1	0	53
09:30	0	0	0	0	0	0	0	0	38	3	0	1	0	0	0	42
09:45	0	0	0	0	0	0	0	0	60	7	1	0	0	1	0	69
H/TOT	1	0	0	0	0	0	0	1	198	19	2	1	0	2	0	222
P/TOT	1	2	0	0	0	0	0	3	487	56	9	1	0	4	1	558

MANUAL CLASSIFIED COUNTS

JOB REF: 13412

JOB NAME: WATERLOOVILLE

SITE: 1

LOCATION: ELETTRA AVENUE (E) / ELETTRA AVENUE (S) / ELETTRA AVENUE (W)



DATE: 07/06/2024

DAY: FRIDAY

TIME	A TO A								A TO B							
	FROM ELETTRA AVENUE (E) TO ELETTRA AVENUE (E)								FROM ELETTRA AVENUE (E) TO ELETTRA AVENUE (S)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
16:00	1	0	0	0	0	0	0	1	57	5	0	0	0	0	0	62
16:15	0	1	0	0	0	0	0	1	54	3	0	0	0	0	0	57
16:30	1	0	0	0	0	0	0	1	49	6	1	0	0	2	0	58
16:45	0	0	0	0	0	0	0	0	52	4	0	0	0	0	0	56
H/TOT	2	1	0	0	0	0	0	3	212	18	1	0	0	2	0	233
17:00	0	0	0	0	0	0	0	0	71	6	0	0	0	2	0	79
17:15	1	0	0	0	0	0	0	1	73	4	0	0	0	0	0	77
17:30	3	1	0	0	0	0	0	4	81	3	0	0	0	0	0	84
17:45	2	0	0	0	0	0	0	2	67	3	1	0	0	0	0	71
H/TOT	6	1	0	0	0	0	0	7	292	16	1	0	0	2	0	311
18:00	0	1	0	0	0	0	0	1	59	6	1	0	0	1	0	67
18:15	1	0	0	0	0	0	0	1	59	1	0	0	0	1	0	61
18:30	1	0	0	0	0	0	0	1	51	2	0	0	0	0	0	53
18:45	5	0	0	0	0	0	0	5	41	3	0	0	0	1	0	45
H/TOT	7	1	0	0	0	0	0	8	210	12	1	0	0	3	0	226
P/TOT	15	3	0	0	0	0	0	18	714	46	3	0	0	7	0	770

MANUAL CLASSIFIED COUNTS

JOB REF: 13412

JOB NAME: WATERLOOVILLE

SITE: 1

LOCATION: ELETTRA AVENUE (E) / ELETTRA AVENUE (S) / ELETTRA AVENUE (W)



DATE: 07/06/2024

DAY: FRIDAY

TIME	A TO C FROM ELETTRA AVENUE (E) TO ELETTRA AVENUE (W)								A TO D FROM ELETTRA AVENUE (E) TO WATERBERRY DRIVE							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
07:00	15	0	0	0	0	2	1	18	36	1	0	0	0	0	0	37
07:15	36	0	0	0	0	1	0	37	42	4	1	0	0	1	1	49
07:30	26	3	0	0	0	2	0	31	36	2	2	0	0	0	0	40
07:45	35	7	0	0	0	1	0	43	73	3	0	0	0	1	1	78
H/TOT	112	10	0	0	0	6	1	129	187	10	3	0	0	2	2	204
08:00	28	3	1	0	0	0	0	32	51	8	0	0	0	1	0	60
08:15	24	7	0	0	0	2	0	33	50	2	1	0	0	0	1	54
08:30	13	3	1	0	0	0	0	17	54	4	0	0	0	1	0	59
08:45	17	5	0	0	0	0	1	23	87	2	1	0	0	0	0	90
H/TOT	82	18	2	0	0	2	1	105	242	16	2	0	0	2	1	263
09:00	6	2	0	0	0	0	0	8	74	5	1	0	0	0	0	80
09:15	10	1	0	0	0	0	0	11	44	5	0	0	0	0	0	49
09:30	5	1	4	0	0	0	1	11	29	2	0	0	0	0	0	31
09:45	6	0	2	0	0	0	0	8	35	2	0	0	0	0	0	37
H/TOT	27	4	6	0	0	0	1	38	182	14	1	0	0	0	0	197
P/TOT	221	32	8	0	0	8	3	272	611	40	6	0	0	4	3	664

MANUAL CLASSIFIED COUNTS

JOB REF: 13412

JOB NAME: WATERLOOVILLE

SITE: 1

LOCATION: ELETTRA AVENUE (E) / ELETTRA AVENUE (S) / ELETTRA AVENUE (W)



DATE: 07/06/2024

DAY: FRIDAY

TIME	A TO C								A TO D							
	FROM ELETTRA AVENUE (E) TO ELETTRA AVENUE (W)								FROM ELETTRA AVENUE (E) TO WATERBERRY DRIVE							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
16:00	3	2	0	0	0	0	0	5	31	4	1	0	0	0	0	36
16:15	6	3	0	0	0	0	0	9	44	3	0	0	0	0	0	47
16:30	2	0	0	0	0	0	0	2	27	5	0	0	0	0	0	32
16:45	3	0	0	0	0	0	0	3	38	5	1	0	0	0	0	44
H/TOT	14	5	0	0	0	0	0	19	140	17	2	0	0	0	0	159
17:00	0	0	0	0	0	0	0	0	21	3	0	0	0	0	0	24
17:15	1	0	0	0	0	0	0	1	36	7	0	0	0	0	0	43
17:30	1	0	0	0	0	0	0	1	30	1	0	0	0	0	0	31
17:45	3	0	0	0	0	0	0	3	45	1	0	0	0	0	0	46
H/TOT	5	0	0	0	0	0	0	5	132	12	0	0	0	0	0	144
18:00	2	0	0	0	0	0	0	2	25	3	0	0	0	0	0	28
18:15	4	0	0	0	0	0	0	4	44	1	0	0	0	0	0	45
18:30	2	0	0	0	0	0	0	2	13	0	0	0	0	0	0	13
18:45	0	0	0	0	0	0	0	0	11	2	0	0	0	0	0	13
H/TOT	8	0	0	0	0	0	0	8	93	6	0	0	0	0	0	99
P/TOT	27	5	0	0	0	0	0	32	365	35	2	0	0	0	0	402

MANUAL CLASSIFIED COUNTS

JOB REF: 13412

JOB NAME: WATERLOOVILLE

SITE: 1

LOCATION: ELETTRA AVENUE (E) / ELETTRA AVENUE (S) / ELETTRA AVENUE (W)



DATE: 07/06/2024

DAY: FRIDAY

TIME	B TO A								B TO B							
	FROM ELETTRA AVENUE (S) TO ELETTRA AVENUE (E)								FROM ELETTRA AVENUE (S) TO ELETTRA AVENUE (S)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
07:00	10	4	1	0	0	1	0	16	0	0	0	0	0	0	0	0
07:15	19	2	1	0	0	0	0	22	0	0	0	0	0	0	0	0
07:30	17	7	2	0	0	0	0	26	0	0	0	0	0	0	0	0
07:45	13	2	1	0	0	0	0	16	0	0	0	0	0	0	0	0
H/TOT	59	15	5	0	0	1	0	80	0	0	0	0	0	0	0	0
08:00	22	4	1	0	0	0	0	27	0	0	0	0	0	0	0	0
08:15	30	5	2	0	0	0	1	38	0	0	0	0	0	0	0	0
08:30	47	5	0	0	0	0	0	52	0	0	0	0	0	0	0	0
08:45	42	4	0	0	0	2	0	48	0	0	0	0	0	0	0	0
H/TOT	141	18	3	0	0	2	1	165	0	0	0	0	0	0	0	0
09:00	54	5	1	0	0	0	0	60	0	0	0	0	0	0	0	0
09:15	47	4	0	0	0	0	0	51	0	0	0	0	0	0	0	0
09:30	43	10	1	0	0	1	0	55	0	0	0	0	0	0	0	0
09:45	54	5	0	0	0	1	0	60	1	0	0	0	0	0	0	1
H/TOT	198	24	2	0	0	2	0	226	1	0	0	0	0	0	0	1
P/TOT	398	57	10	0	0	5	1	471	1	0	0	0	0	0	0	1

MANUAL CLASSIFIED COUNTS

JOB REF: 13412

JOB NAME: WATERLOOVILLE

SITE: 1

LOCATION: ELETTRA AVENUE (E) / ELETTRA AVENUE (S) / ELETTRA AVENUE (W)



DATE: 07/06/2024

DAY: FRIDAY

TIME	B TO A								B TO B							
	FROM ELETTRA AVENUE (S) TO ELETTRA AVENUE (E)								FROM ELETTRA AVENUE (S) TO ELETTRA AVENUE (S)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
16:00	69	2	0	0	0	0	0	71	1	0	0	0	0	0	0	1
16:15	63	6	0	0	0	0	0	69	0	0	0	0	0	0	0	0
16:30	62	6	0	0	0	2	0	70	0	0	0	0	0	0	0	0
16:45	54	6	0	0	0	1	0	61	0	0	0	0	0	0	0	0
H/TOT	248	20	0	0	0	3	0	271	1	0	0	0	0	0	0	1
17:00	58	7	0	0	0	0	0	65	0	0	0	0	0	0	0	0
17:15	50	4	0	0	0	0	0	54	0	0	0	0	0	0	0	0
17:30	64	7	0	0	0	3	0	74	0	0	0	0	0	0	0	0
17:45	84	5	1	0	0	0	0	90	0	0	0	0	0	0	0	0
H/TOT	256	23	1	0	0	3	0	283	0	0	0	0	0	0	0	0
18:00	66	5	0	0	0	0	0	71	0	0	0	0	0	0	0	0
18:15	91	4	1	0	0	0	0	96	0	0	0	0	0	0	0	0
18:30	58	2	0	0	0	1	0	61	0	0	0	0	0	0	0	0
18:45	62	3	0	0	0	0	0	65	0	0	0	0	0	0	0	0
H/TOT	277	14	1	0	0	1	0	293	0	0	0	0	0	0	0	0
P/TOT	781	57	2	0	0	7	0	847	1	0	0	0	0	0	0	1

MANUAL CLASSIFIED COUNTS

JOB REF: 13412

JOB NAME: WATERLOOVILLE

SITE: 1

LOCATION: ELETTRA AVENUE (E) / ELETTRA AVENUE (S) / ELETTRA AVENUE (W)



DATE: 07/06/2024

DAY: FRIDAY

TIME	B TO C								B TO D							
	FROM ELETTRA AVENUE (S) TO ELETTRA AVENUE (W)								FROM ELETTRA AVENUE (S) TO WATERBERRY DRIVE							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
07:00	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
07:15	1	0	0	0	0	0	0	1	2	0	0	0	0	0	0	2
07:30	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	2
07:45	1	1	0	0	0	0	0	2	1	0	0	0	0	0	0	1
H/TOT	2	1	0	0	0	0	0	3	4	1	0	0	0	0	1	6
08:00	5	1	0	0	0	0	0	6	3	1	0	0	0	0	0	4
08:15	5	0	0	0	0	0	0	5	1	1	0	0	0	0	0	2
08:30	0	0	0	0	0	0	0	0	6	0	0	0	0	0	0	6
08:45	1	0	0	0	0	0	0	1	7	0	0	0	0	1	0	8
H/TOT	11	1	0	0	0	0	0	12	17	2	0	0	0	1	0	20
09:00	1	0	0	0	0	0	0	1	1	1	0	0	0	0	0	2
09:15	1	0	0	0	0	0	0	1	2	0	0	0	0	0	0	2
09:30	1	1	0	0	0	0	0	2	1	0	0	0	0	0	0	1
09:45	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2
H/TOT	3	1	0	0	0	0	0	4	6	1	0	0	0	0	0	7
P/TOT	16	3	0	0	0	0	0	19	27	4	0	0	0	1	1	33

MANUAL CLASSIFIED COUNTS

JOB REF: 13412

JOB NAME: WATERLOOVILLE

SITE: 1

LOCATION: ELETTRA AVENUE (E) / ELETTRA AVENUE (S) / ELETTRA AVENUE (W)



DATE: 07/06/2024

DAY: FRIDAY

TIME	B TO C FROM ELETTRA AVENUE (S) TO ELETTRA AVENUE (W)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
16:00	0	0	0	0	0	0	0	0
16:15	1	0	0	0	0	0	0	1
16:30	4	0	0	0	0	0	0	4
16:45	2	0	0	0	0	0	0	2
H/TOT	7	0	0	0	0	0	0	7
17:00	1	0	0	0	0	0	0	1
17:15	0	0	0	0	0	0	0	0
17:30	1	0	0	0	0	0	0	1
17:45	1	0	0	0	0	0	0	1
H/TOT	3	0	0	0	0	0	0	3
18:00	0	0	0	0	0	0	0	0
18:15	1	0	0	0	0	0	0	1
18:30	1	0	0	0	0	0	0	1
18:45	0	0	0	0	0	0	0	0
H/TOT	2	0	0	0	0	0	0	2
P/TOT	12	0	0	0	0	0	0	12

B TO D FROM ELETTRA AVENUE (S) TO WATERBERRY DRIVE							
CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
1	0	0	0	0	0	0	1
2	1	0	0	0	0	0	3
0	0	0	0	0	0	0	0
0	1	1	0	0	0	0	2
3	2	1	0	0	0	0	6
0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	1
2	0	0	0	0	0	0	2
4	0	0	0	0	0	0	4
7	0	0	0	0	0	0	7
1	0	0	0	0	1	0	2
3	0	0	0	0	0	0	3
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
4	0	0	0	0	1	0	5
14	2	1	0	0	1	0	18

MANUAL CLASSIFIED COUNTS

JOB REF: 13412

JOB NAME: WATERLOOVILLE

SITE: 1

LOCATION: ELETTRA AVENUE (E) / ELETTRA AVENUE (S) / ELETTRA AVENUE (W)



DATE: 07/06/2024

DAY: FRIDAY

TIME	C TO A								C TO B							
	FROM ELETTRA AVENUE (W) TO ELETTRA AVENUE (E)								FROM ELETTRA AVENUE (W) TO ELETTRA AVENUE (S)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
07:00	3	1	0	0	0	0	0	4	0	0	0	0	0	0	0	0
07:15	1	1	0	0	0	0	0	2	0	0	0	0	0	0	0	0
07:30	3	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0
07:45	4	0	0	0	0	0	0	4	0	1	0	0	0	0	0	1
H/TOT	11	2	0	0	0	0	0	13	0	1	0	0	0	0	0	1
08:00	2	6	0	0	0	0	0	8	0	0	0	0	0	0	0	0
08:15	3	3	0	0	0	1	0	7	0	0	0	0	0	0	0	0
08:30	5	2	0	0	0	0	0	7	0	0	0	0	0	0	0	0
08:45	9	1	2	0	0	0	0	12	1	0	0	0	0	0	0	1
H/TOT	19	12	2	0	0	1	0	34	1	0	0	0	0	0	0	1
09:00	9	5	0	0	0	0	0	14	0	0	0	0	0	0	0	0
09:15	5	2	0	0	0	0	0	7	1	0	0	0	0	0	0	1
09:30	6	3	0	0	0	0	0	9	0	1	0	0	0	0	0	1
09:45	7	3	0	0	0	0	0	10	0	0	0	0	0	0	0	0
H/TOT	27	13	0	0	0	0	0	40	1	1	0	0	0	0	0	2
P/TOT	57	27	2	0	0	1	0	87	2	2	0	0	0	0	0	4

MANUAL CLASSIFIED COUNTS

JOB REF: 13412

JOB NAME: WATERLOOVILLE

SITE: 1

LOCATION: ELETTRA AVENUE (E) / ELETTRA AVENUE (S) / ELETTRA AVENUE (W)



DATE: 07/06/2024

DAY: FRIDAY

TIME	C TO A								C TO B							
	FROM ELETTRA AVENUE (W) TO ELETTRA AVENUE (E)								FROM ELETTRA AVENUE (W) TO ELETTRA AVENUE (S)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
16:00	21	8	0	0	0	0	0	29	3	0	0	0	0	0	0	3
16:15	21	1	2	0	0	0	0	24	1	0	0	0	0	0	0	1
16:30	23	6	0	0	0	0	1	30	0	0	0	0	0	0	0	0
16:45	18	1	0	0	0	0	1	20	0	0	0	0	0	0	0	0
H/TOT	83	16	2	0	0	0	2	103	4	0	0	0	0	0	0	4
17:00	48	2	0	0	0	0	0	50	1	0	0	0	0	0	0	1
17:15	6	1	0	0	0	0	0	7	0	0	0	0	0	0	0	0
17:30	5	1	0	0	0	0	1	7	0	0	0	0	0	0	0	0
17:45	8	0	0	0	0	0	0	8	0	0	0	0	0	0	0	0
H/TOT	67	4	0	0	0	0	1	72	1	0	0	0	0	0	0	1
18:00	4	1	0	0	0	0	0	5	0	0	0	0	0	0	0	0
18:15	6	0	0	0	0	0	0	6	0	0	0	0	0	0	0	0
18:30	4	0	0	0	0	0	0	4	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
H/TOT	14	1	0	0	0	0	0	15	0	0	0	0	0	0	0	0
P/TOT	164	21	2	0	0	0	3	190	5	0	0	0	0	0	0	5

MANUAL CLASSIFIED COUNTS

JOB REF: 13412

JOB NAME: WATERLOOVILLE

SITE: 1

LOCATION: ELETTRA AVENUE (E) / ELETTRA AVENUE (S) / ELETTRA AVENUE (W)



DATE: 07/06/2024

DAY: FRIDAY

TIME	C TO C								C TO D							
	FROM ELETTRA AVENUE (W) TO ELETTRA AVENUE (W)								FROM ELETTRA AVENUE (W) TO WATERBERRY DRIVE							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
07:00	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
07:30	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	1	1
H/TOT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
08:00	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	0	0
08:30	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	1	0	0	0	0	0	0	1
H/TOT	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
09:00	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
09:15	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
09:30	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
H/TOT	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	2
P/TOT	0	0	0	0	0	0	0	0	2	1	0	0	0	0	1	4

MANUAL CLASSIFIED COUNTS

JOB REF: 13412

JOB NAME: WATERLOOVILLE

SITE: 1

LOCATION: ELETTRA AVENUE (E) / ELETTRA AVENUE (S) / ELETTRA AVENUE (W)



DATE: 07/06/2024

DAY: FRIDAY

TIME	C TO C								C TO D							
	FROM ELETTRA AVENUE (W) TO ELETTRA AVENUE (W)								FROM ELETTRA AVENUE (W) TO WATERBERRY DRIVE							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
16:00	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
16:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16:30	0	1	0	0	0	0	0	1	1	0	0	0	0	0	0	1
16:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	0	1	0	0	0	0	0	1	2	0	0	0	0	0	0	2
17:00	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	0	0
17:30	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
H/TOT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18:00	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
18:30	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
H/TOT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P/TOT	0	1	0	0	0	0	0	1	2	0	0	0	0	0	0	2

MANUAL CLASSIFIED COUNTS

JOB REF: 13412

JOB NAME: WATERLOOVILLE

SITE: 1

LOCATION: ELETTRA AVENUE (E) / ELETTRA AVENUE (S) / ELETTRA AVENUE (W)



DATE: 07/06/2024

DAY: FRIDAY

TIME	D TO A FROM WATERBERRY DRIVE TO ELETTRA AVENUE (E)								D TO B FROM WATERBERRY DRIVE TO ELETTRA AVENUE (S)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
07:00	29	4	1	0	0	0	0	34	1	0	0	0	0	0	0	1
07:15	27	6	1	0	0	0	0	34	4	0	1	0	0	0	0	5
07:30	49	3	5	1	0	0	0	58	1	1	0	0	0	0	0	2
07:45	38	5	2	1	0	0	0	46	3	0	0	0	0	0	0	3
H/TOT	143	18	9	2	0	0	0	172	9	1	1	0	0	0	0	11
08:00	39	9	1	0	0	0	0	49	2	1	0	0	0	0	0	3
08:15	28	10	1	0	0	0	0	39	1	0	0	0	0	0	0	1
08:30	36	7	0	0	0	0	0	43	3	1	0	0	0	1	0	5
08:45	40	8	0	0	0	0	0	48	6	0	0	0	0	0	0	6
H/TOT	143	34	2	0	0	0	0	179	12	2	0	0	0	1	0	15
09:00	51	16	1	0	0	0	0	68	3	0	0	0	0	0	0	3
09:15	31	10	1	0	0	1	0	43	7	1	0	0	0	0	0	8
09:30	35	10	1	0	0	0	0	46	4	2	0	0	0	0	0	6
09:45	30	15	1	0	0	1	0	47	3	0	0	0	0	0	0	3
H/TOT	147	51	4	0	0	2	0	204	17	3	0	0	0	0	0	20
P/TOT	433	103	15	2	0	2	0	555	38	6	1	0	0	1	0	46

MANUAL CLASSIFIED COUNTS

JOB REF: 13412

JOB NAME: WATERLOOVILLE

SITE: 1

LOCATION: ELETTRA AVENUE (E) / ELETTRA AVENUE (S) / ELETTRA AVENUE (W)



DATE: 07/06/2024

DAY: FRIDAY

TIME	D TO A FROM WATERBERRY DRIVE TO ELETTRA AVENUE (E)								D TO B FROM WATERBERRY DRIVE TO ELETTRA AVENUE (S)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
16:00	65	7	1	0	0	0	0	73	7	0	0	0	0	1	0	8
16:15	59	4	0	0	0	0	0	63	3	0	0	0	0	0	0	3
16:30	101	5	0	0	0	1	2	109	7	1	0	0	0	0	0	8
16:45	57	9	2	0	0	0	0	68	5	0	0	0	0	0	0	5
H/TOT	282	25	3	0	0	1	2	313	22	1	0	0	0	1	0	24
17:00	102	3	0	0	0	0	0	105	5	0	0	0	0	0	0	5
17:15	59	2	0	0	0	1	0	62	3	0	0	0	0	1	0	4
17:30	84	7	0	0	0	1	0	92	8	1	0	0	0	0	0	9
17:45	45	4	0	0	0	0	0	49	5	0	0	0	0	0	0	5
H/TOT	290	16	0	0	0	2	0	308	21	1	0	0	0	1	0	23
18:00	84	3	2	0	0	2	0	91	14	0	0	0	0	0	0	14
18:15	58	1	0	0	0	0	0	59	7	0	0	0	0	0	0	7
18:30	42	4	0	0	0	0	0	46	6	1	0	0	0	0	0	7
18:45	19	2	0	0	0	1	0	22	5	0	0	0	0	0	0	5
H/TOT	203	10	2	0	0	3	0	218	32	1	0	0	0	0	0	33
P/TOT	775	51	5	0	0	6	2	839	75	3	0	0	0	2	0	80

MANUAL CLASSIFIED COUNTS

JOB REF: 13412

JOB NAME: WATERLOOVILLE

SITE: 1

LOCATION: ELETTRA AVENUE (E) / ELETTRA AVENUE (S) / ELETTRA AVENUE (W)



DATE: 07/06/2024

DAY: FRIDAY

TIME	D TO C								D TO D							
	FROM WATERBERRY DRIVE TO ELETTRA AVENUE (W)								FROM WATERBERRY DRIVE TO WATERBERRY DRIVE							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
07:00	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
07:15	1	0	0	0	0	0	0	1	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
07:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	2	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0
08:00	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
08:15	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
08:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:45	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
H/TOT	3	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0
09:00	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
09:15	2	1	0	0	0	0	0	3	0	0	0	0	0	0	0	0
09:30	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
09:45	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
H/TOT	4	1	0	0	0	0	0	5	1	0	0	0	0	0	0	1
P/TOT	9	1	0	0	0	0	0	10	1	0	0	0	0	0	0	1

MANUAL CLASSIFIED COUNTS

JOB REF: 13412

JOB NAME: WATERLOOVILLE

SITE: 1

LOCATION: ELETTRA AVENUE (E) / ELETTRA AVENUE (S) / ELETTRA AVENUE (W)



DATE: 07/06/2024

DAY: FRIDAY

TIME	D TO C								D TO D							
	FROM WATERBERRY DRIVE TO ELETTRA AVENUE (W)								FROM WATERBERRY DRIVE TO WATERBERRY DRIVE							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
16:00	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
16:15	1	0	0	0	0	0	1	2	0	0	0	0	0	0	0	0
16:30	2	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0
16:45	2	0	0	0	0	0	0	2	2	0	0	0	0	0	0	2
H/TOT	6	0	0	0	0	0	1	7	2	0	0	0	0	0	0	2
17:00	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
17:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:30	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
H/TOT	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
18:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18:15	1	0	0	0	0	0	0	1	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
18:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
P/TOT	8	0	0	0	0	0	1	9	2	0	0	0	0	0	0	2

MANUAL CLASSIFIED COUNTS

JOB REF: 13412

JOB NAME: WATERLOOVILLE

SITE: 1

LOCATION: ELETTRA AVENUE (E) / ELETTRA AVENUE (S) / ELETTRA AVENUE (W)



DATE: 07/06/2024

DAY: FRIDAY

TIME	TO ARM A ELETTRA AVENUE (E)								FROM ARM A ELETTRA AVENUE (E)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
07:00	42	9	2	0	0	1	0	54	63	7	2	0	0	2	1	75
07:15	47	9	2	0	0	0	0	58	105	6	2	0	0	2	1	116
07:30	69	11	7	1	0	0	0	88	81	10	3	0	0	2	0	96
07:45	55	7	3	1	0	0	0	66	143	15	1	0	0	2	2	163
H/TOT	213	36	14	2	0	1	0	266	392	38	8	0	0	8	4	450
08:00	63	19	2	0	0	0	0	84	128	17	2	0	0	1	0	148
08:15	61	18	3	0	0	1	1	84	118	12	1	0	0	2	1	134
08:30	88	15	0	0	0	0	0	103	121	14	1	0	0	3	0	139
08:45	91	13	2	0	0	2	0	108	153	12	2	0	0	0	1	168
H/TOT	303	65	7	0	0	3	1	379	520	55	6	0	0	6	2	589
09:00	114	26	2	0	0	0	0	142	133	12	1	0	0	0	0	146
09:15	84	16	1	0	0	1	0	102	102	10	1	0	0	1	0	114
09:30	84	23	2	0	0	1	0	110	72	6	4	1	0	0	1	84
09:45	91	23	1	0	0	2	0	117	101	9	3	0	0	1	0	114
H/TOT	373	88	6	0	0	4	0	471	408	37	9	1	0	2	1	458
P/TOT	889	189	27	2	0	8	1	1116	1320	130	23	1	0	16	7	1497

MANUAL CLASSIFIED COUNTS

JOB REF: 13412

JOB NAME: WATERLOOVILLE

SITE: 1

LOCATION: ELETTRA AVENUE (E) / ELETTRA AVENUE (S) / ELETTRA AVENUE (W)



DATE: 07/06/2024

DAY: FRIDAY

TIME	TO ARM A ELETTRA AVENUE (E)								FROM ARM A ELETTRA AVENUE (E)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
16:00	156	17	1	0	0	0	0	174	92	11	1	0	0	0	0	104
16:15	143	12	2	0	0	0	0	157	104	10	0	0	0	0	0	114
16:30	187	17	0	0	0	3	3	210	79	11	1	0	0	2	0	93
16:45	129	16	2	0	0	1	1	149	93	9	1	0	0	0	0	103
H/TOT	615	62	5	0	0	4	4	690	368	41	3	0	0	2	0	414
17:00	208	12	0	0	0	0	0	220	92	9	0	0	0	2	0	103
17:15	116	7	0	0	0	1	0	124	111	11	0	0	0	0	0	122
17:30	156	16	0	0	0	4	1	177	115	5	0	0	0	0	0	120
17:45	139	9	1	0	0	0	0	149	117	4	1	0	0	0	0	122
H/TOT	619	44	1	0	0	5	1	670	435	29	1	0	0	2	0	467
18:00	154	10	2	0	0	2	0	168	86	10	1	0	0	1	0	98
18:15	156	5	1	0	0	0	0	162	108	2	0	0	0	1	0	111
18:30	105	6	0	0	0	1	0	112	67	2	0	0	0	0	0	69
18:45	86	5	0	0	0	1	0	92	57	5	0	0	0	1	0	63
H/TOT	501	26	3	0	0	4	0	534	318	19	1	0	0	3	0	341
P/TOT	1735	132	9	0	0	13	5	1894	1121	89	5	0	0	7	0	1222

MANUAL CLASSIFIED COUNTS

JOB REF: 13412

JOB NAME: WATERLOOVILLE

SITE: 1

LOCATION: ELETTRA AVENUE (E) / ELETTRA AVENUE (S) / ELETTRA AVENUE (W)



DATE: 07/06/2024

DAY: FRIDAY

TIME	TO ARM B ELETTRA AVENUE (S)								FROM ARM B ELETTRA AVENUE (S)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
07:00	13	6	2	0	0	0	0	21	11	4	1	0	0	1	0	17
07:15	31	2	2	0	0	0	0	35	22	2	1	0	0	0	0	25
07:30	20	5	1	0	0	0	0	26	17	8	2	0	0	0	1	28
07:45	38	6	1	0	0	0	1	46	15	3	1	0	0	0	0	19
H/TOT	102	19	6	0	0	0	1	128	65	17	5	0	0	1	1	89
08:00	51	7	1	0	0	0	0	59	30	6	1	0	0	0	0	37
08:15	45	3	0	0	0	0	0	48	36	6	2	0	0	0	1	45
08:30	57	7	0	0	0	3	0	67	53	5	0	0	0	0	0	58
08:45	56	5	1	0	0	0	0	62	50	4	0	0	0	3	0	57
H/TOT	209	22	2	0	0	3	0	236	169	21	3	0	0	3	1	197
09:00	56	5	0	0	0	0	0	61	56	6	1	0	0	0	0	63
09:15	55	5	1	0	0	1	0	62	50	4	0	0	0	0	0	54
09:30	42	6	0	1	0	0	0	49	45	11	1	0	0	1	0	58
09:45	64	7	1	0	0	1	0	73	57	5	0	0	0	1	0	63
H/TOT	217	23	2	1	0	2	0	245	208	26	2	0	0	2	0	238
P/TOT	528	64	10	1	0	5	1	609	442	64	10	0	0	6	2	524

MANUAL CLASSIFIED COUNTS

JOB REF: 13412

JOB NAME: WATERLOOVILLE

SITE: 1

LOCATION: ELETTRA AVENUE (E) / ELETTRA AVENUE (S) / ELETTRA AVENUE (W)



DATE: 07/06/2024

DAY: FRIDAY

TIME	TO ARM B ELETTRA AVENUE (S)								FROM ARM B ELETTRA AVENUE (S)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
16:00	68	5	0	0	0	1	0	74	71	2	0	0	0	0	0	73
16:15	58	3	0	0	0	0	0	61	66	7	0	0	0	0	0	73
16:30	56	7	1	0	0	2	0	66	66	6	0	0	0	2	0	74
16:45	57	4	0	0	0	0	0	61	56	7	1	0	0	1	0	65
H/TOT	239	19	1	0	0	3	0	262	259	22	1	0	0	3	0	285
17:00	77	6	0	0	0	2	0	85	59	7	0	0	0	0	0	66
17:15	76	4	0	0	0	1	0	81	51	4	0	0	0	0	0	55
17:30	89	4	0	0	0	0	0	93	67	7	0	0	0	3	0	77
17:45	72	3	1	0	0	0	0	76	89	5	1	0	0	0	0	95
H/TOT	314	17	1	0	0	3	0	335	266	23	1	0	0	3	0	293
18:00	73	6	1	0	0	1	0	81	67	5	0	0	0	1	0	73
18:15	66	1	0	0	0	1	0	68	95	4	1	0	0	0	0	100
18:30	57	3	0	0	0	0	0	60	59	2	0	0	0	1	0	62
18:45	46	3	0	0	0	1	0	50	62	3	0	0	0	0	0	65
H/TOT	242	13	1	0	0	3	0	259	283	14	1	0	0	2	0	300
P/TOT	795	49	3	0	0	9	0	856	808	59	3	0	0	8	0	878

MANUAL CLASSIFIED COUNTS

JOB REF: 13412

JOB NAME: WATERLOOVILLE

SITE: 1

LOCATION: ELETTRA AVENUE (E) / ELETTRA AVENUE (S) / ELETTRA AVENUE (W)



DATE: 07/06/2024

DAY: FRIDAY

TIME	TO ARM C ELETTRA AVENUE (W)								FROM ARM C ELETTRA AVENUE (W)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
07:00	16	0	0	0	0	2	1	19	3	1	0	0	0	0	0	4
07:15	38	0	0	0	0	1	0	39	1	1	0	0	0	0	0	2
07:30	26	3	0	0	0	2	0	31	3	0	0	0	0	0	0	3
07:45	36	8	0	0	0	1	0	45	4	1	0	0	0	0	1	6
H/TOT	116	11	0	0	0	6	1	134	11	3	0	0	0	0	1	15
08:00	34	4	1	0	0	0	0	39	2	6	0	0	0	0	0	8
08:15	30	7	0	0	0	2	0	39	3	3	0	0	0	1	0	7
08:30	13	3	1	0	0	0	0	17	5	2	0	0	0	0	0	7
08:45	19	5	0	0	0	0	1	25	11	1	2	0	0	0	0	14
H/TOT	96	19	2	0	0	2	1	120	21	12	2	0	0	1	0	36
09:00	7	2	0	0	0	0	0	9	10	5	0	0	0	0	0	15
09:15	13	2	0	0	0	0	0	15	6	3	0	0	0	0	0	9
09:30	7	2	4	0	0	0	1	14	6	4	0	0	0	0	0	10
09:45	7	0	2	0	0	0	0	9	7	3	0	0	0	0	0	10
H/TOT	34	6	6	0	0	0	1	47	29	15	0	0	0	0	0	44
P/TOT	246	36	8	0	0	8	3	301	61	30	2	0	0	1	1	95

MANUAL CLASSIFIED COUNTS

JOB REF: 13412

JOB NAME: WATERLOOVILLE

SITE: 1

LOCATION: ELETTRA AVENUE (E) / ELETTRA AVENUE (S) / ELETTRA AVENUE (W)



DATE: 07/06/2024

DAY: FRIDAY

TIME	TO ARM C ELETTRA AVENUE (W)								FROM ARM C ELETTRA AVENUE (W)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
16:00	4	2	0	0	0	0	0	6	25	8	0	0	0	0	0	33
16:15	8	3	0	0	0	0	1	12	22	1	2	0	0	0	0	25
16:30	8	1	0	0	0	0	0	9	24	7	0	0	0	0	1	32
16:45	7	0	0	0	0	0	0	7	18	1	0	0	0	0	1	20
H/TOT	27	6	0	0	0	0	1	34	89	17	2	0	0	0	2	110
17:00	2	0	0	0	0	0	0	2	49	2	0	0	0	0	0	51
17:15	1	0	0	0	0	0	0	1	6	1	0	0	0	0	0	7
17:30	2	0	0	0	0	0	0	2	5	1	0	0	0	0	1	7
17:45	4	0	0	0	0	0	0	4	8	0	0	0	0	0	0	8
H/TOT	9	0	0	0	0	0	0	9	68	4	0	0	0	0	1	73
18:00	2	0	0	0	0	0	0	2	4	1	0	0	0	0	0	5
18:15	6	0	0	0	0	0	0	6	6	0	0	0	0	0	0	6
18:30	3	0	0	0	0	0	0	3	4	0	0	0	0	0	0	4
18:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	11	0	0	0	0	0	0	11	14	1	0	0	0	0	0	15
P/TOT	47	6	0	0	0	0	1	54	171	22	2	0	0	0	3	198

MANUAL CLASSIFIED COUNTS

JOB REF: 13412

JOB NAME: WATERLOOVILLE

SITE: 1

LOCATION: ELETTRA AVENUE (E) / ELETTRA AVENUE (S) / ELETTRA AVENUE (W)



DATE: 07/06/2024

DAY: FRIDAY

TIME	TO ARM D WATERBERRY DRIVE								FROM ARM D WATERBERRY DRIVE							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
07:00	37	1	0	0	0	0	0	38	31	4	1	0	0	0	0	36
07:15	44	4	1	0	0	1	1	51	32	6	2	0	0	0	0	40
07:30	36	3	2	0	0	0	1	42	50	4	5	1	0	0	0	60
07:45	74	3	0	0	0	1	2	80	41	5	2	1	0	0	0	49
H/TOT	191	11	3	0	0	2	4	211	154	19	10	2	0	0	0	185
08:00	54	9	0	0	0	1	0	64	42	10	1	0	0	0	0	53
08:15	51	3	1	0	0	0	1	56	30	10	1	0	0	0	0	41
08:30	60	4	0	0	0	1	0	65	39	8	0	0	0	1	0	48
08:45	95	2	1	0	0	1	0	99	47	8	0	0	0	0	0	55
H/TOT	260	18	2	0	0	3	1	284	158	36	2	0	0	1	0	197
09:00	77	6	1	0	0	0	0	84	55	16	1	0	0	0	0	72
09:15	46	6	0	0	0	0	0	52	40	12	1	0	0	1	0	54
09:30	30	2	0	0	0	0	0	32	40	12	1	0	0	0	0	53
09:45	37	2	0	0	0	0	0	39	34	15	1	0	0	1	0	51
H/TOT	190	16	1	0	0	0	0	207	169	55	4	0	0	2	0	230
P/TOT	641	45	6	0	0	5	5	702	481	110	16	2	0	3	0	612

MANUAL CLASSIFIED COUNTS

JOB REF: 13412

JOB NAME: WATERLOOVILLE

SITE: 1

LOCATION: ELETTRA AVENUE (E) / ELETTRA AVENUE (S) / ELETTRA AVENUE (W)



DATE: 07/06/2024

DAY: FRIDAY

TIME	TO ARM D WATERBERRY DRIVE								FROM ARM D WATERBERRY DRIVE							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
16:00	33	4	1	0	0	0	0	38	73	7	1	0	0	1	0	82
16:15	46	4	0	0	0	0	0	50	63	4	0	0	0	0	1	68
16:30	28	5	0	0	0	0	0	33	110	6	0	0	0	1	2	119
16:45	40	6	2	0	0	0	0	48	66	9	2	0	0	0	0	77
H/TOT	147	19	3	0	0	0	0	169	312	26	3	0	0	2	3	346
17:00	21	3	0	0	0	0	0	24	108	3	0	0	0	0	0	111
17:15	37	7	0	0	0	0	0	44	62	2	0	0	0	2	0	66
17:30	32	1	0	0	0	0	0	33	92	8	0	0	0	1	0	101
17:45	49	1	0	0	0	0	0	50	50	4	0	0	0	0	0	54
H/TOT	139	12	0	0	0	0	0	151	312	17	0	0	0	3	0	332
18:00	26	3	0	0	0	1	0	30	98	3	2	0	0	2	0	105
18:15	47	1	0	0	0	0	0	48	66	1	0	0	0	0	0	67
18:30	13	0	0	0	0	0	0	13	48	5	0	0	0	0	0	53
18:45	11	2	0	0	0	0	0	13	24	2	0	0	0	1	0	27
H/TOT	97	6	0	0	0	1	0	104	236	11	2	0	0	3	0	252
P/TOT	383	37	3	0	0	1	0	424	860	54	5	0	0	8	3	930

QUEUE LENGTHS

JOB REF: 13412



JOB NAME: WATERLOOVILLE

SITE: 1

DATE:

LOCATION: ELETTRA AVENUE (E) / ELETTRA AVENUE (S) / ELETTRA AVENUE (W) / WATERBERRY DRIVE

DAY:

NOTE: Queue Lengths recorded by the number of vehicles queuing at each 5-minute interval, by lane

TIME	ARM A		ARM B		ARM C		ARM D		TIME	ARM A		ARM B		ARM C	
	ELETTRA AVENUE (E)		ELETTRA AVENUE (S)		ELETTRA AVENUE (W)		WATERBERRY DRIVE			ELETTRA AVENUE (E)		ELETTRA AVENUE (S)		ELETTRA AVENUE (W)	
	LANE 1	LANE 2	LANE 1	LANE 2	LANE 1	LANE 2	LANE 1	LANE 2		LANE 1	LANE 2	LANE 1	LANE 2	LANE 1	LANE 2
07:00	0	0	0	1	0	0	0	0	16:00	0	0	0	0	0	2
07:05	0	0	0	0	0	0	0	0	16:05	0	0	0	0	1	0
07:10	0	0	0	1	0	0	0	0	16:10	0	0	0	1	0	0
07:15	0	0	0	0	0	0	0	0	16:15	0	0	0	1	0	0
07:20	0	0	0	0	0	0	0	0	16:20	0	0	0	1	0	0
07:25	0	0	0	1	0	0	0	0	16:25	0	0	0	0	1	0
07:30	0	0	0	1	0	0	1	0	16:30	0	0	0	0	2	0
07:35	0	0	0	0	0	0	0	0	16:35	0	0	0	1	2	0
07:40	0	0	0	0	0	0	0	0	16:40	0	0	0	0	1	0
07:45	0	0	0	0	0	0	0	0	16:45	0	0	0	0	0	0
07:50	0	0	0	0	0	0	0	0	16:50	0	0	0	2	0	1
07:55	0	0	0	1	0	0	0	0	16:55	0	0	0	0	1	1
08:00	0	0	0	0	0	0	0	0	17:00	0	0	0	1	0	1
08:05	0	0	0	0	1	0	0	0	17:05	0	0	0	0	0	0
08:10	0	0	0	1	0	0	0	0	17:10	0	0	0	0	1	1
08:15	0	0	0	1	0	0	0	0	17:15	0	0	0	1	1	0
08:20	0	0	0	1	0	0	0	0	17:20	0	0	0	1	0	0
08:25	0	0	0	0	0	0	0	0	17:25	0	0	0	0	0	0
08:30	0	0	0	0	0	0	0	0	17:30	0	0	0	0	0	0
08:35	0	0	0	1	0	0	0	0	17:35	0	0	0	3	0	0
08:40	0	0	0	2	0	1	0	0	17:40	0	0	0	0	0	0
08:45	0	0	0	2	0	1	0	0	17:45	0	0	0	0	0	0
08:50	0	0	0	2	1	0	0	0	17:50	0	0	0	0	0	0
08:55	0	0	0	1	1	0	0	0	17:55	0	0	0	0	0	0

QUEUE LENGTHS

JOB REF: 13412



JOB NAME: WATERLOOVILLE

SITE: 1

DATE:

LOCATION: ELETTRA AVENUE (E) / ELETTRA AVENUE (S) / ELETTRA AVENUE (W) / WATERBERRY DRIVE

DAY:

NOTE: Queue Lengths recorded by the number of vehicles queuing at each 5-minute interval, by lane

TIME	ARM A		ARM B		ARM C		ARM D	
	ELETTRA AVENUE (E)		ELETTRA AVENUE (S)		ELETTRA AVENUE (W)		WATERBERRY DRIVE	
	LANE 1	LANE 2	LANE 1	LANE 2	LANE 1	LANE 2	LANE 1	LANE 2
09:00	0	0	0	1	0	0	1	0
09:05	0	0	0	1	1	0	0	0
09:10	0	0	0	0	1	0	0	0
09:15	0	0	0	1	0	0	0	0
09:20	0	0	1	0	0	0	0	0
09:25	0	0	0	0	0	0	0	0
09:30	0	0	0	0	0	0	0	0
09:35	0	0	0	0	0	0	0	0
09:40	0	0	0	2	0	0	1	0
09:45	0	0	0	0	0	0	0	0
09:50	0	0	0	0	1	0	0	0
09:55	0	0	0	0	0	0	0	0

TIME	ARM A		ARM B		ARM C	
	ELETTRA AVENUE (E)		ELETTRA AVENUE (S)		ELETTRA AVENUE (W)	
	LANE 1	LANE 2	LANE 1	LANE 2	LANE 1	LANE 2
18:00	0	0	0	1	0	0
18:05	0	0	0	0	0	0
18:10	0	1	0	0	0	2
18:15	0	0	0	4	0	0
18:20	0	0	1	1	0	0
18:25	0	0	0	0	0	0
18:30	0	0	0	0	0	0
18:35	0	0	0	0	0	0
18:40	0	0	0	0	0	0
18:45	0	0	0	0	0	0
18:50	0	0	0	0	0	0
18:55	0	0	0	0	0	0

DTA OUTPUT

AM PEAK 08:30 - 09:30
PM PEAK 16:15 - 17:15

SITE: 1
LOCATION: ELETTRA AVENUE (E) / ELETTRA AVENUE (S) / ELETTRA AVENUE (W)

Existing AM ALL VEHICLES

		A	B	C	D	Total
A	ELETTRA AVENUE (E)	2	225	58	277	562
B	ELETTRA AVENUE (S)	209	0	3	17	229
C	ELETTRA AVENUE (W)	40	2	0	3	45
D	WATERBERRY DRIVE	201	21	4	1	227
	Total	452	248	65	298	1063

PM ALL VEHICLES

	A	B	C	D	Total
A	2	246	14	147	409
B	262	0	8	5	275
C	122	2	1	1	126
D	342	21	6	2	371
Total	728	269	29	155	1181

ACTUAL PEAK HOUR

AM PEAK 08:30 - 09:30
PM PEAK 16:15 - 17:15

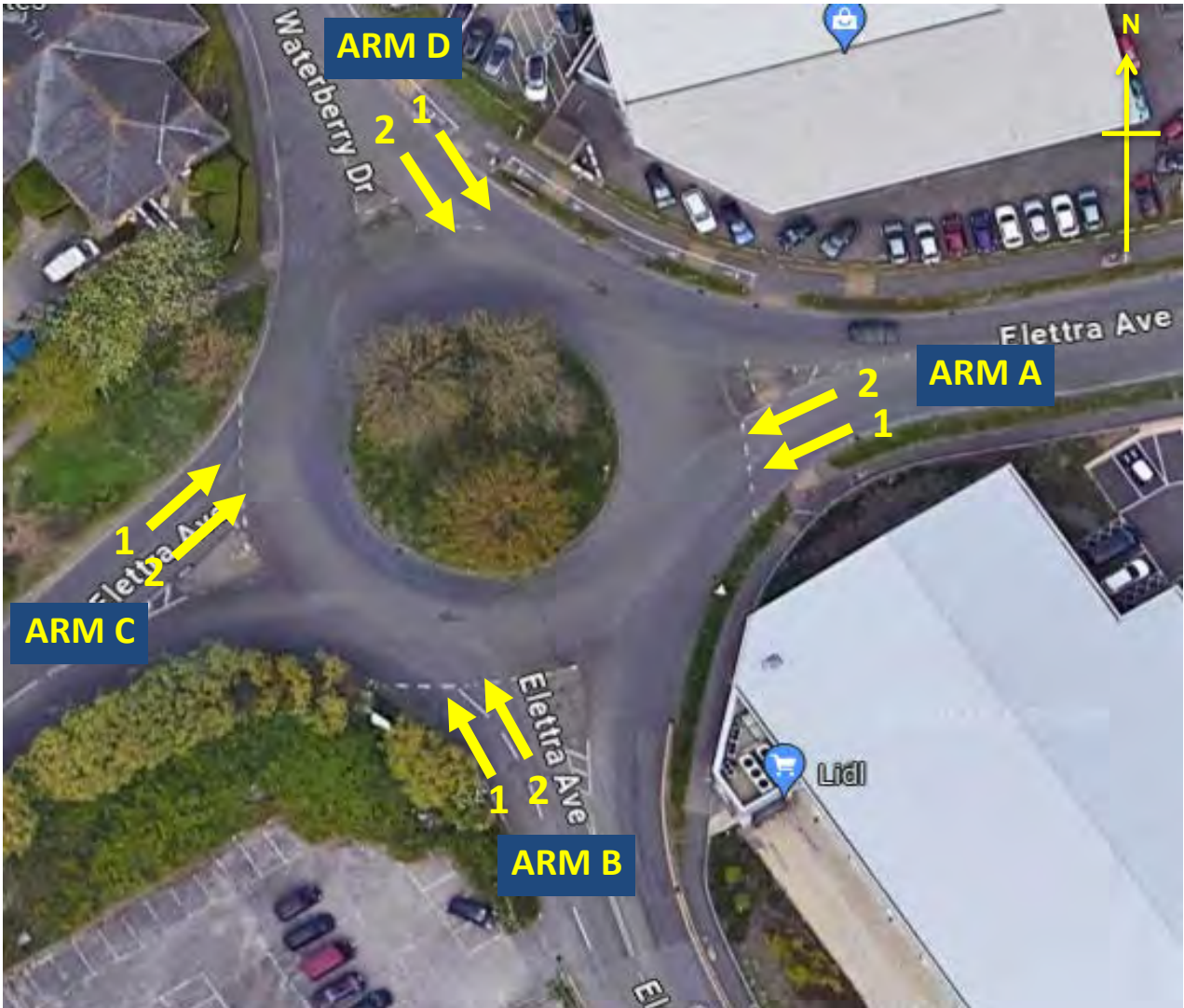
AM HGV

	A	B	C	D	Total
A	0	2	1	2	5
B	1	0	0	0	1
C	2	0	0	0	2
D	2	0	0	0	2
Total	5	2	1	2	10

PM HGV

	A	B	C	D	Total
A	0	1	0	1	2
B	0	0	0	1	1
C	2	0	0	0	2
D	2	0	0	0	2
Total	4	1	0	2	7

SITE: 1		DATE: 7TH & 8TH JUNE 2024
LOCATION: ELETTRA AVENUE (E) / ELETTRA AVENUE (S) / ELETTRA AVENUE (W)		DAY: FRIDAY & SATURDAY



JOB TITLE: WATERLOOVILLE	JOB NUMBER: 13412
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MANUAL CLASSIFIED COUNTS

JOB REF: 13412

JOB NAME: WATERLOOVILLE

SITE: 1

LOCATION: ELETTRA AVENUE (E) / ELETTRA AVENUE (S) / ELETTRA AVENUE (W)



DATE: 08/06/2024

DAY: SATURDAY

TIME	A TO A								A TO B							
	FROM ELETTRA AVENUE (E) TO ELETTRA AVENUE (E)								FROM ELETTRA AVENUE (E) TO ELETTRA AVENUE (S)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
11:00	1	0	0	0	0	0	0	1	56	5	0	0	0	3	0	64
11:15	2	0	0	0	0	0	0	2	65	3	1	0	0	0	0	69
11:30	0	0	0	0	0	0	0	0	49	2	0	0	0	0	0	51
11:45	3	0	0	0	0	0	0	3	65	6	0	0	0	1	0	72
H/TOT	6	0	0	0	0	0	0	6	235	16	1	0	0	4	0	256
12:00	0	0	0	0	0	0	0	0	65	5	0	0	0	1	0	71
12:15	0	0	0	0	0	0	0	0	66	2	0	0	0	0	0	68
12:30	2	0	0	0	0	0	0	2	59	3	0	1	0	1	0	64
12:45	3	0	0	0	0	0	0	3	69	3	0	0	0	0	0	72
H/TOT	5	0	0	0	0	0	0	5	259	13	0	1	0	2	0	275
13:00	3	1	0	0	0	1	0	5	70	2	0	0	0	1	0	73
13:15	0	0	0	0	0	0	0	0	64	1	0	0	0	1	0	66
13:30	2	0	0	0	0	0	0	2	50	2	0	0	0	0	0	52
13:45	0	0	0	0	0	0	0	0	69	1	0	0	0	0	0	70
H/TOT	5	1	0	0	0	1	0	7	253	6	0	0	0	2	0	261
14:00	1	0	0	0	0	0	0	1	57	2	0	0	0	0	0	59
14:15	2	0	0	0	0	0	0	2	50	1	0	0	0	0	0	51
14:30	1	0	0	0	0	0	0	1	46	3	0	0	0	0	0	49
14:45	3	0	0	0	0	0	0	3	49	2	0	0	0	0	0	51
H/TOT	7	0	0	0	0	0	0	7	202	8	0	0	0	0	0	210
P/TOT	23	1	0	0	0	1	0	25	949	43	1	1	0	8	0	1002

MANUAL CLASSIFIED COUNTS

JOB REF: 13412

JOB NAME: WATERLOOVILLE

SITE: 1

LOCATION: ELETTRA AVENUE (E) / ELETTRA AVENUE (S) / ELETTRA AVENUE (W)



DATE: 08/06/2024

DAY: SATURDAY

MANUAL CLASSIFIED COUNTS

JOB REF: 13412

JOB NAME: WATERLOOVILLE

SITE: 1

LOCATION: ELETTRA AVENUE (E) / ELETTRA AVENUE (S) / ELETTRA AVENUE (W)



DATE: 08/06/2024

DAY: SATURDAY

TIME	A TO C								A TO D							
	FROM ELETTRA AVENUE (E) TO ELETTRA AVENUE (W)								FROM ELETTRA AVENUE (E) TO WATERBERRY DRIVE							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
11:00	4	0	0	0	0	0	0	4	17	0	0	0	0	0	0	17
11:15	2	1	0	0	0	0	0	3	25	3	0	0	0	0	0	28
11:30	2	0	0	0	0	0	0	2	18	1	0	0	0	0	0	19
11:45	1	1	0	0	0	0	0	2	13	1	0	0	0	0	0	14
H/TOT	9	2	0	0	0	0	0	11	73	5	0	0	0	0	0	78
12:00	5	0	0	0	0	0	0	5	8	1	0	0	0	0	1	10
12:15	0	0	0	0	0	0	0	0	15	0	0	0	0	0	0	15
12:30	4	0	0	0	0	0	0	4	9	4	0	0	0	0	0	13
12:45	0	0	0	0	0	0	0	0	7	1	1	0	0	0	0	9
H/TOT	9	0	0	0	0	0	0	9	39	6	1	0	0	0	1	47
13:00	4	0	0	0	0	0	0	4	15	3	0	0	0	0	0	18
13:15	1	0	0	0	0	0	0	1	13	3	0	0	0	0	0	16
13:30	3	2	0	0	0	0	0	5	8	6	0	0	0	1	0	15
13:45	4	2	0	0	0	0	0	6	13	20	0	0	0	0	0	33
H/TOT	12	4	0	0	0	0	0	16	49	32	0	0	0	1	0	82
14:00	3	2	0	0	0	0	0	5	13	10	0	0	0	0	0	23
14:15	1	0	0	0	0	0	0	1	14	3	0	0	0	0	0	17
14:30	1	0	0	0	0	0	0	1	9	3	0	0	0	1	0	13
14:45	2	0	0	0	0	0	0	2	13	0	0	0	0	0	0	13
H/TOT	7	2	0	0	0	0	0	9	49	16	0	0	0	1	0	66
P/TOT	37	8	0	0	0	0	0	45	210	59	1	0	0	2	1	273

MANUAL CLASSIFIED COUNTS

JOB REF: 13412

JOB NAME: WATERLOOVILLE

SITE: 1

LOCATION: ELETTRA AVENUE (E) / ELETTRA AVENUE (S) / ELETTRA AVENUE (W)



DATE: 08/06/2024

DAY: SATURDAY

MANUAL CLASSIFIED COUNTS

JOB REF: 13412

JOB NAME: WATERLOOVILLE

SITE: 1

LOCATION: ELETTRA AVENUE (E) / ELETTRA AVENUE (S) / ELETTRA AVENUE (W)



DATE: 08/06/2024

DAY: SATURDAY

TIME	B TO A								B TO B							
	FROM ELETTRA AVENUE (S) TO ELETTRA AVENUE (E)								FROM ELETTRA AVENUE (S) TO ELETTRA AVENUE (S)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
11:00	53	7	0	0	0	1	0	61	0	0	0	0	0	0	0	0
11:15	72	4	0	0	0	1	0	77	0	0	0	0	0	0	0	0
11:30	52	6	1	0	0	1	0	60	0	0	0	0	0	0	0	0
11:45	76	5	0	0	0	0	0	81	0	0	0	0	0	0	0	0
H/TOT	253	22	1	0	0	3	0	279	0	0	0	0	0	0	0	0
12:00	73	2	0	0	0	2	0	77	0	0	0	0	0	0	0	0
12:15	65	3	0	0	0	1	0	69	0	0	0	0	0	0	0	0
12:30	65	3	0	0	0	0	0	68	0	0	0	0	0	0	0	0
12:45	58	5	0	0	0	1	1	65	0	0	0	0	0	0	0	0
H/TOT	261	13	0	0	0	4	1	279	0	0	0	0	0	0	0	0
13:00	70	5	0	0	0	0	0	75	0	0	0	0	0	0	0	0
13:15	79	0	0	1	0	1	0	81	0	0	0	0	0	0	0	0
13:30	51	1	0	0	0	0	0	52	0	0	0	0	0	0	0	0
13:45	62	4	0	0	0	1	0	67	0	0	0	0	0	0	0	0
H/TOT	262	10	0	1	0	2	0	275	0	0	0	0	0	0	0	0
14:00	65	1	0	0	0	1	0	67	0	0	0	0	0	0	0	0
14:15	62	1	0	0	0	1	0	64	0	0	0	0	0	0	0	0
14:30	68	4	0	0	0	0	0	72	0	0	0	0	0	0	0	0
14:45	50	1	0	0	0	0	0	51	0	0	0	0	0	0	0	0
H/TOT	245	7	0	0	0	2	0	254	0	0	0	0	0	0	0	0
P/TOT	1021	52	1	1	0	11	1	1087	0	0	0	0	0	0	0	0

MANUAL CLASSIFIED COUNTS

JOB REF: 13412

JOB NAME: WATERLOOVILLE

SITE: 1

LOCATION: ELETTRA AVENUE (E) / ELETTRA AVENUE (S) / ELETTRA AVENUE (W)



DATE: 08/06/2024

DAY: SATURDAY

MANUAL CLASSIFIED COUNTS

JOB REF: 13412

JOB NAME: WATERLOOVILLE

SITE: 1

LOCATION: ELETTRA AVENUE (E) / ELETTRA AVENUE (S) / ELETTRA AVENUE (W)



DATE: 08/06/2024

DAY: SATURDAY

TIME	B TO C								B TO D							
	FROM ELETTRA AVENUE (S) TO ELETTRA AVENUE (W)								FROM ELETTRA AVENUE (S) TO WATERBERRY DRIVE							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
11:00	1	0	0	0	0	0	0	1	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
11:30	3	0	0	0	0	0	0	3	1	0	0	0	0	0	0	1
11:45	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
H/TOT	4	0	0	0	0	0	0	4	2	0	0	0	0	0	0	2
12:00	1	1	0	0	0	0	0	2	2	0	0	0	0	0	0	2
12:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12:30	0	0	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
H/TOT	1	1	0	0	0	0	0	2	2	0	0	0	0	0	0	2
13:00	2	0	0	0	0	0	0	2	1	1	0	0	0	0	0	2
13:15	2	0	0	0	0	0	0	2	1	0	0	0	0	0	0	1
13:30	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
13:45	1	0	0	0	0	0	0	1	1	0	0	0	0	0	0	1
H/TOT	6	0	0	0	0	0	0	6	3	1	0	0	0	0	0	4
14:00	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0
14:15	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
14:30	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
H/TOT	0	1	0	0	0	0	0	1	1	0	0	0	0	0	0	1
P/TOT	11	2	0	0	0	0	0	13	8	1	0	0	0	0	0	9

MANUAL CLASSIFIED COUNTS

JOB REF: 13412

JOB NAME: WATERLOOVILLE

SITE: 1

LOCATION: ELETTRA AVENUE (E) / ELETTRA AVENUE (S) / ELETTRA AVENUE (W)



DATE: 08/06/2024

DAY: SATURDAY

MANUAL CLASSIFIED COUNTS

JOB REF: 13412

JOB NAME: WATERLOOVILLE

SITE: 1

LOCATION: ELETTRA AVENUE (E) / ELETTRA AVENUE (S) / ELETTRA AVENUE (W)



DATE: 08/06/2024

DAY: SATURDAY

TIME	C TO A FROM ELETTRA AVENUE (W) TO ELETTRA AVENUE (E)								C TO B FROM ELETTRA AVENUE (W) TO ELETTRA AVENUE (S)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
11:00	3	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0
11:15	3	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0
11:30	5	1	0	0	0	0	0	6	1	1	0	0	0	0	0	2
11:45	4	0	0	0	0	0	0	4	1	0	0	0	0	0	0	1
H/TOT	15	1	0	0	0	0	0	16	2	1	0	0	0	0	0	3
12:00	8	0	0	0	0	0	0	8	0	0	0	0	0	0	0	0
12:15	2	1	0	0	0	0	0	3	2	0	0	0	0	0	0	2
12:30	6	0	0	0	0	0	0	6	1	0	0	0	0	0	0	1
12:45	2	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0
H/TOT	18	1	0	0	0	0	0	19	3	0	0	0	0	0	0	3
13:00	4	1	0	0	0	0	0	5	1	0	0	0	0	0	0	1
13:15	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
13:30	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
13:45	5	1	0	0	0	0	0	6	1	0	0	0	0	0	0	1
H/TOT	11	2	0	0	0	0	0	13	2	0	0	0	0	0	0	2
14:00	3	1	0	0	0	0	0	4	0	0	0	0	0	0	0	0
14:15	3	1	0	0	0	0	0	4	1	0	0	0	0	0	0	1
14:30	4	0	0	0	0	0	0	4	0	1	0	0	0	0	0	1
14:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	10	2	0	0	0	0	0	12	1	1	0	0	0	0	0	2
P/TOT	54	6	0	0	0	0	0	60	8	2	0	0	0	0	0	10

MANUAL CLASSIFIED COUNTS

JOB REF: 13412

JOB NAME: WATERLOOVILLE

SITE: 1

LOCATION: ELETTRA AVENUE (E) / ELETTRA AVENUE (S) / ELETTRA AVENUE (W)



DATE: 08/06/2024

DAY: SATURDAY

MANUAL CLASSIFIED COUNTS

JOB REF: 13412

JOB NAME: WATERLOOVILLE

SITE: 1

LOCATION: ELETTRA AVENUE (E) / ELETTRA AVENUE (S) / ELETTRA AVENUE (W)



DATE: 08/06/2024

DAY: SATURDAY

TIME	C TO C								C TO D							
	FROM ELETTRA AVENUE (W) TO ELETTRA AVENUE (W)								FROM ELETTRA AVENUE (W) TO WATERBERRY DRIVE							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
11:00	1	0	0	0	0	0	0	1	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
11:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:45	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
H/TOT	2	0	0	0	0	0	0	2	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
12:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12:30	0	0	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
H/TOT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13:15	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
13:45	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
14:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14:30	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
H/TOT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
P/TOT	2	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0

MANUAL CLASSIFIED COUNTS

JOB REF: 13412

JOB NAME: WATERLOOVILLE

SITE: 1

LOCATION: ELETTRA AVENUE (E) / ELETTRA AVENUE (S) / ELETTRA AVENUE (W)

**AUTO
SURVEYS LTD**
TRUST IN YOUR SURVEYING

DATE: 08/06/2024

DAY: SATURDAY

MANUAL CLASSIFIED COUNTS

JOB REF: 13412

JOB NAME: WATERLOOVILLE

SITE: 1

LOCATION: ELETTRA AVENUE (E) / ELETTRA AVENUE (S) / ELETTRA AVENUE (W)



DATE: 08/06/2024

DAY: SATURDAY

TIME	D TO A FROM WATERBERRY DRIVE TO ELETTRA AVENUE (E)								D TO B FROM WATERBERRY DRIVE TO ELETTRA AVENUE (S)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
11:00	46	2	1	0	0	0	0	49	1	0	0	0	0	0	0	1
11:15	52	3	0	0	0	0	0	55	8	0	0	0	0	0	0	8
11:30	44	2	0	0	0	1	0	47	5	0	0	0	0	0	0	5
11:45	29	0	0	0	0	2	0	31	2	0	0	0	0	0	0	2
H/TOT	171	7	1	0	0	3	0	182	16	0	0	0	0	0	0	16
12:00	28	1	1	0	0	0	1	31	5	0	0	0	0	0	0	5
12:15	43	4	0	0	0	0	0	47	4	0	0	0	0	0	0	4
12:30	36	3	0	0	0	0	0	39	5	1	0	0	0	0	0	6
12:45	21	3	0	0	0	0	0	24	5	0	0	0	0	0	0	5
H/TOT	128	11	1	0	0	0	1	141	19	1	0	0	0	0	0	20
13:00	27	5	1	1	0	0	0	34	2	0	0	0	0	0	0	2
13:15	23	5	0	0	0	2	0	30	2	0	0	0	0	0	0	2
13:30	19	1	0	0	0	1	0	21	1	0	0	0	0	0	0	1
13:45	21	2	1	0	0	0	0	24	3	0	0	0	0	0	0	3
H/TOT	90	13	2	1	0	3	0	109	8	0	0	0	0	0	0	8
14:00	43	2	0	0	0	2	1	48	5	0	0	0	0	1	0	6
14:15	41	3	0	0	0	3	0	47	2	0	0	0	0	0	0	2
14:30	26	3	1	0	0	0	0	30	1	0	0	0	0	0	0	1
14:45	28	1	0	0	0	1	1	31	3	0	0	0	0	0	0	3
H/TOT	138	9	1	0	0	6	2	156	11	0	0	0	0	1	0	12
P/TOT	527	40	5	1	0	12	3	588	54	1	0	0	0	1	0	56

MANUAL CLASSIFIED COUNTS

JOB REF: 13412

JOB NAME: WATERLOOVILLE

SITE: 1

LOCATION: ELETTRA AVENUE (E) / ELETTRA AVENUE (S) / ELETTRA AVENUE (W)

**AUTO
SURVEYS LTD**
TRAFFIC COUNTING SOLUTIONS

DATE: 08/06/2024

DAY: SATURDAY

MANUAL CLASSIFIED COUNTS

JOB REF: 13412

JOB NAME: WATERLOOVILLE

SITE: 1

LOCATION: ELETTRA AVENUE (E) / ELETTRA AVENUE (S) / ELETTRA AVENUE (W)



DATE: 08/06/2024

DAY: SATURDAY

TIME	D TO C								D TO D							
	FROM WATERBERRY DRIVE TO ELETTRA AVENUE (W)								FROM WATERBERRY DRIVE TO WATERBERRY DRIVE							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
11:00	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
11:15	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
11:30	2	0	0	0	0	0	0	2	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
H/TOT	3	0	0	0	0	0	0	3	1	0	0	0	0	0	0	1
12:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12:15	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
12:30	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
12:45	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
H/TOT	3	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0
13:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13:15	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
13:45	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
14:00	2	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0
14:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14:30	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
14:45	2	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0
H/TOT	5	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0
P/TOT	11	0	0	0	0	0	0	11	1	0	0	0	0	0	0	1

MANUAL CLASSIFIED COUNTS

JOB REF: 13412

JOB NAME: WATERLOOVILLE

SITE: 1

LOCATION: ELETTRA AVENUE (E) / ELETTRA AVENUE (S) / ELETTRA AVENUE (W)

**AUTO
SURVEYS LTD**
TRUST IN YOUR SURVEYING

DATE: 08/06/2024

DAY: SATURDAY

MANUAL CLASSIFIED COUNTS

JOB REF: 13412

JOB NAME: WATERLOOVILLE

SITE: 1

LOCATION: ELETTRA AVENUE (E) / ELETTRA AVENUE (S) / ELETTRA AVENUE (W)



DATE: 08/06/2024

DAY: SATURDAY

TIME	TO ARM A ELETTRA AVENUE (E)								FROM ARM A ELETTRA AVENUE (E)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
11:00	103	9	1	0	0	1	0	114	78	5	0	0	0	3	0	86
11:15	129	7	0	0	0	1	0	137	94	7	1	0	0	0	0	102
11:30	101	9	1	0	0	2	0	113	69	3	0	0	0	0	0	72
11:45	112	5	0	0	0	2	0	119	82	8	0	0	0	1	0	91
H/TOT	445	30	2	0	0	6	0	483	323	23	1	0	0	4	0	351
12:00	109	3	1	0	0	2	1	116	78	6	0	0	0	1	1	86
12:15	110	8	0	0	0	1	0	119	81	2	0	0	0	0	0	83
12:30	109	6	0	0	0	0	0	115	74	7	0	1	0	1	0	83
12:45	84	8	0	0	0	1	1	94	79	4	1	0	0	0	0	84
H/TOT	412	25	1	0	0	4	2	444	312	19	1	1	0	2	1	336
13:00	104	12	1	1	0	1	0	119	92	6	0	0	0	2	0	100
13:15	103	5	0	1	0	3	0	112	78	4	0	0	0	1	0	83
13:30	73	2	0	0	0	1	0	76	63	10	0	0	0	1	0	74
13:45	88	7	1	0	0	1	0	97	86	23	0	0	0	0	0	109
H/TOT	368	26	2	2	0	6	0	404	319	43	0	0	0	4	0	366
14:00	112	4	0	0	0	3	1	120	74	14	0	0	0	0	0	88
14:15	108	5	0	0	0	4	0	117	67	4	0	0	0	0	0	71
14:30	99	7	1	0	0	0	0	107	57	6	0	0	0	1	0	64
14:45	81	2	0	0	0	1	1	85	67	2	0	0	0	0	0	69
H/TOT	400	18	1	0	0	8	2	429	265	26	0	0	0	1	0	292
P/TOT	1625	99	6	2	0	24	4	1760	1219	111	2	1	0	11	1	1345

MANUAL CLASSIFIED COUNTS

JOB REF: 13412

JOB NAME: WATERLOOVILLE

SITE: 1

LOCATION: ELETTRA AVENUE (E) / ELETTRA AVENUE (S) / ELETTRA AVENUE (W)



DATE: 08/06/2024

DAY: SATURDAY

MANUAL CLASSIFIED COUNTS

JOB REF: 13412

JOB NAME: WATERLOOVILLE

SITE: 1

LOCATION: ELETTRA AVENUE (E) / ELETTRA AVENUE (S) / ELETTRA AVENUE (W)



DATE: 08/06/2024

DAY: SATURDAY

TIME	TO ARM B ELETTRA AVENUE (S)								FROM ARM B ELETTRA AVENUE (S)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
11:00	57	5	0	0	0	3	0	65	54	7	0	0	0	1	0	62
11:15	73	3	1	0	0	0	0	77	72	4	0	0	0	1	0	77
11:30	55	3	0	0	0	0	0	58	56	6	1	0	0	1	0	64
11:45	68	6	0	0	0	1	0	75	77	5	0	0	0	0	0	82
H/TOT	253	17	1	0	0	4	0	275	259	22	1	0	0	3	0	285
12:00	70	5	0	0	0	1	0	76	76	3	0	0	0	2	0	81
12:15	72	2	0	0	0	0	0	74	65	3	0	0	0	1	0	69
12:30	65	4	0	1	0	1	0	71	65	3	0	0	0	0	0	68
12:45	74	3	0	0	0	0	0	77	58	5	0	0	0	1	1	65
H/TOT	281	14	0	1	0	2	0	298	264	14	0	0	0	4	1	283
13:00	73	2	0	0	0	1	0	76	73	6	0	0	0	0	0	79
13:15	66	1	0	0	0	1	0	68	82	0	0	1	0	1	0	84
13:30	51	2	0	0	0	0	0	53	52	1	0	0	0	0	0	53
13:45	73	1	0	0	0	0	0	74	64	4	0	0	0	1	0	69
H/TOT	263	6	0	0	0	2	0	271	271	11	0	1	0	2	0	285
14:00	62	2	0	0	0	1	0	65	65	2	0	0	0	1	0	68
14:15	53	1	0	0	0	0	0	54	63	1	0	0	0	1	0	65
14:30	47	4	0	0	0	0	0	51	68	4	0	0	0	0	0	72
14:45	52	2	0	0	0	0	0	54	50	1	0	0	0	0	0	51
H/TOT	214	9	0	0	0	1	0	224	246	8	0	0	0	2	0	256
P/TOT	1011	46	1	1	0	9	0	1068	1040	55	1	1	0	11	1	1109

MANUAL CLASSIFIED COUNTS

JOB REF: 13412

JOB NAME: WATERLOOVILLE

SITE: 1

LOCATION: ELETTRA AVENUE (E) / ELETTRA AVENUE (S) / ELETTRA AVENUE (W)

**AUTO
SURVEYS LTD**
TRUST IN YOUR SURVEYING

DATE: 08/06/2024

DAY: SATURDAY

MANUAL CLASSIFIED COUNTS

JOB REF: 13412

JOB NAME: WATERLOOVILLE

SITE: 1

LOCATION: ELETTRA AVENUE (E) / ELETTRA AVENUE (S) / ELETTRA AVENUE (W)



DATE: 08/06/2024

DAY: SATURDAY

TIME	TO ARM C ELETTRA AVENUE (W)								FROM ARM C ELETTRA AVENUE (W)							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
11:00	7	0	0	0	0	0	0	7	4	0	0	0	0	0	0	4
11:15	2	1	0	0	0	0	0	3	3	0	0	0	0	0	0	3
11:30	7	0	0	0	0	0	0	7	6	2	0	0	0	0	0	8
11:45	2	1	0	0	0	0	0	3	6	0	0	0	0	0	0	6
H/TOT	18	2	0	0	0	0	0	20	19	2	0	0	0	0	0	21
12:00	6	1	0	0	0	0	0	7	8	0	0	0	0	0	0	8
12:15	1	0	0	0	0	0	0	1	4	1	0	0	0	0	0	5
12:30	5	0	0	0	0	0	0	5	7	0	0	0	0	0	0	7
12:45	1	0	0	0	0	0	0	1	2	0	0	0	0	0	0	2
H/TOT	13	1	0	0	0	0	0	14	21	1	0	0	0	0	0	22
13:00	6	0	0	0	0	0	0	6	5	1	0	0	0	0	0	6
13:15	3	0	0	0	0	0	0	3	1	0	0	0	0	0	0	1
13:30	4	2	0	0	0	0	0	6	1	0	0	0	0	0	0	1
13:45	5	2	0	0	0	0	0	7	6	1	0	0	0	0	0	7
H/TOT	18	4	0	0	0	0	0	22	13	2	0	0	0	0	0	15
14:00	5	3	0	0	0	0	0	8	3	1	0	0	0	0	0	4
14:15	1	0	0	0	0	0	0	1	4	1	0	0	0	0	0	5
14:30	2	0	0	0	0	0	0	2	4	1	0	0	0	0	0	5
14:45	4	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0
H/TOT	12	3	0	0	0	0	0	15	11	3	0	0	0	0	0	14
P/TOT	61	10	0	0	0	0	0	71	64	8	0	0	0	0	0	72

MANUAL CLASSIFIED COUNTS

JOB REF: 13412

JOB NAME: WATERLOOVILLE

SITE: 1

LOCATION: ELETTRA AVENUE (E) / ELETTRA AVENUE (S) / ELETTRA AVENUE (W)

**AUTO
SURVEYS LTD**
TRUST IN YOUR SURVEYING

DATE: 08/06/2024

DAY: SATURDAY

MANUAL CLASSIFIED COUNTS

JOB REF: 13412

JOB NAME: WATERLOOVILLE

SITE: 1

LOCATION: ELETTRA AVENUE (E) / ELETTRA AVENUE (S) / ELETTRA AVENUE (W)



DATE: 08/06/2024

DAY: SATURDAY

TIME	TO ARM D WATERBERRY DRIVE								FROM ARM D WATERBERRY DRIVE							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
11:00	17	0	0	0	0	0	0	17	48	2	1	0	0	0	0	51
11:15	26	3	0	0	0	0	0	29	61	3	0	0	0	0	0	64
11:30	19	1	0	0	0	0	0	20	51	2	0	0	0	1	0	54
11:45	14	1	0	0	0	0	0	15	31	0	0	0	0	2	0	33
H/TOT	76	5	0	0	0	0	0	81	191	7	1	0	0	3	0	202
12:00	10	1	0	0	0	0	1	12	33	1	1	0	0	0	1	36
12:15	15	0	0	0	0	0	0	15	48	4	0	0	0	0	0	52
12:30	9	4	0	0	0	0	0	13	42	4	0	0	0	0	0	46
12:45	7	1	1	0	0	0	0	9	27	3	0	0	0	0	0	30
H/TOT	41	6	1	0	0	0	1	49	150	12	1	0	0	0	1	164
13:00	16	4	0	0	0	0	0	20	29	5	1	1	0	0	0	36
13:15	14	3	0	0	0	0	0	17	25	5	0	0	0	2	0	32
13:30	8	6	0	0	0	1	0	15	20	1	0	0	0	1	0	22
13:45	14	20	0	0	0	0	0	34	24	2	1	0	0	0	0	27
H/TOT	52	33	0	0	0	1	0	86	98	13	2	1	0	3	0	117
14:00	13	10	0	0	0	0	0	23	50	2	0	0	0	3	1	56
14:15	15	3	0	0	0	0	0	18	43	3	0	0	0	3	0	49
14:30	9	3	0	0	0	1	0	13	28	3	1	0	0	0	0	32
14:45	13	0	0	0	0	0	0	13	33	1	0	0	0	1	1	36
H/TOT	50	16	0	0	0	1	0	67	154	9	1	0	0	7	2	173
P/TOT	219	60	1	0	0	2	1	283	593	41	5	1	0	13	3	656

MANUAL CLASSIFIED COUNTS

JOB REF: 13412

JOB NAME: WATERLOOVILLE

SITE: 1

LOCATION: ELETTRA AVENUE (E) / ELETTRA AVENUE (S) / ELETTRA AVENUE (W)



DATE: 08/06/2024

DAY: SATURDAY

QUEUE LENGTHS

JOB REF: 13412



JOB NAME: WATERLOOVILLE

SITE: 1

DATE:

LOCATION: ELETTRA AVENUE (E) / ELETTRA AVENUE (S) / ELETTRA AVENUE (W) / WATERBERRY DRIVE

DAY:

NOTE: Queue Lengths recorded by the number of vehicles queuing at each 5-minute interval, by lane

TIME	ARM A		ARM B		ARM C		ARM D	
	ELETTRA AVENUE (E)		ELETTRA AVENUE (S)		ELETTRA AVENUE (W)		WATERBERRY DRIVE	
	LANE 1	LANE 2	LANE 1	LANE 2	LANE 1	LANE 2	LANE 1	LANE 2
11:00	0	0	0	1	0	0	0	0
11:05	0	0	0	0	0	0	0	0
11:10	0	0	0	0	0	0	0	0
11:15	0	0	0	1	1	0	0	0
11:20	0	0	0	1	0	0	0	0
11:25	0	0	0	4	0	0	1	0
11:30	0	0	0	0	0	0	0	0
11:35	0	0	0	0	0	0	0	0
11:40	0	0	0	0	0	0	0	0
11:45	0	0	0	0	0	0	0	0
11:50	0	0	0	0	0	0	0	0
11:55	0	0	0	0	0	0	0	0
12:00	0	0	0	0	0	0	0	0
12:05	0	0	0	0	0	0	0	0
12:10	0	0	0	0	0	0	0	0
12:15	0	0	0	0	0	0	0	0
12:20	0	0	0	0	0	0	0	0
12:25	0	0	0	0	0	0	0	0
12:30	0	0	0	2	0	0	1	0
12:35	0	0	0	0	0	1	0	0
12:40	0	0	0	0	0	0	1	0
12:45	0	0	0	0	0	0	0	0
12:50	0	0	0	0	0	0	0	0
12:55	0	0	0	0	0	0	0	0

TIME	ARM A		ARM B		ARM C	
	ELETTRA AVENUE (E)		ELETTRA AVENUE (S)		ELETTRA AVENUE (W)	
	LANE 1	LANE 2	LANE 1	LANE 2	LANE 1	LANE 2
14:00	0	0	0	0	0	0
14:05	0	0	0	1	0	0
14:10	0	0	0	0	0	0
14:15	0	0	0	0	0	0
14:20	0	0	0	1	0	0
14:25	0	0	0	1	0	0
14:30	0	0	0	0	0	1
14:35	0	0	0	0	0	0
14:40	0	0	0	0	0	0
14:45	0	0	0	0	0	0
14:50	0	0	0	0	0	0
14:55	0	0	0	1	0	0

QUEUE LENGTHS

JOB REF: 13412

JOB NAME: WATERLOOVILLE

SITE: 1

DATE:

LOCATION: ELETTRA AVENUE (E) / ELETTRA AVENUE (S) / ELETTRA AVENUE (W) / WATERBERRY DRIVE

DAY:

NOTE: Queue Lengths recorded by the number of vehicles queuing at each 5-minute interval, by lane

TIME	ARM A		ARM B		ARM C		ARM D	
	ELETTRA AVENUE (E)		ELETTRA AVENUE (S)		ELETTRA AVENUE (W)		WATERBERRY DRIVE	
	LANE 1	LANE 2	LANE 1	LANE 2	LANE 1	LANE 2	LANE 1	LANE 2
13:00	0	0	0	0	0	0	0	0
13:05	0	0	0	1	0	0	0	0
13:10	0	0	0	0	0	0	1	0
13:15	0	0	0	1	0	0	1	0
13:20	0	0	0	0	0	0	0	0
13:25	0	0	0	2	0	0	0	0
13:30	0	0	0	0	0	0	0	0
13:35	0	0	0	0	0	0	0	0
13:40	0	0	0	0	0	1	0	0
13:45	0	0	0	1	0	0	0	1
13:50	0	0	0	0	0	0	0	0
13:55	0	0	0	0	0	0	0	0

TIME	ARM A		ARM B		ARM C	
	ELETTRA AVENUE (E)		ELETTRA AVENUE (S)		ELETTRA AVENUE (W)	
	LANE 1	LANE 2	LANE 1	LANE 2	LANE 1	LANE 2

DTA OUTPUT

AM PEAK 11:15 - 12:15

SITE:

LOCATION:

1
ELETTRA AVENUE (E) / ELETTRA AVENUE (S) / ELETTRA AVENUE (W)

Existing

AM

ALL VEHICLES

		A	B	C	D	Total	
A	ELETTRA AVENUE (E)	A	5	261	12	70	348
B	ELETTRA AVENUE (S)	B	291	0	5	4	300
C	ELETTRA AVENUE (W)	C	21	3	1	0	25
D	WATERBERRY DRIVE	D	160	20	2	1	183
		Total	477	284	20	75	856

			AM		HGV
	A	B	C	D	Total
A	0	1	0	0	1
B	1	0	0	0	1
C	0	0	0	0	0
D	1	0	0	0	1
Total	2	1	0	0	3

ACTUAL PEAK HOUR

AM PEAK 11:15 - 12:15

APPENDIX C



WATERLOOVILLE

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SCALE	1 : 9000
DATE	26/06/2024
DRAWING No.	
DRAWN BY	

Accidents between dates 01/01/2019 and 31/12/2023 (60) months

Selection: Notes:

Selected using Pre-defined Query : ; Refined using Accidents within selected Polygons -HC - RPU Statistics Request ("MS WATERLOOVILLE")

Selected Polygon:MS WATERLOOVILLE

44190087758 13/03/2019 Time 0635 Vehicles 2 Casualties 1 Slight
E:467687 N: 110054 First Road: B 2150 Road Type 1
Speed limit: 30 Junction Detail: Roundabout Give way or controlled Unclassified
Crossing: Control None Facilities: Zebra crossing Road surface Wet/Damp
Daylight Fine without high winds
Special Conditions at Site None Carriageway Hazards: None
Place accident reported: At scene DfT Special Projects:

Causation			
	Factor:	Participant:	Confidence:
1st:	Disobeyed Give Way or Stop sign or markings	Vehicle 1	Very Likely
2nd:	Failed to look properly	Vehicle 1	Very Likely
3rd:			
4th:			
5th:			
6th:			

VEH 1 (CAR) TRAVELLING SE ALONG B2150 HAMBLEDON ROAD, FAILS TO GIVE WAY AND ENTERS THE RBT ACROSS THE PATH OF VEH 2 (CAR) TRAVELLING NE AROUND RBT INTENDING TO EXIT ONTO MILTON ROAD AND COLLIDES, CAUSING VEH 2 TO OVERTURN

Occurred on B2150 HAMBLEDON ROAD AT JUNCTION WITH MILTON ROAD, WATERLOOVILLE, HAMPSHIRE

Vehicle Reference 1 Car Going ahead other
Vehicle movement from NW to SE No tow / articulation Leaving the main road
On main carriageway No skidding, jack-knifing or overturning
Location at impact Mid Junction - on roundabout or r First impact Front Hit vehicle:
Hit object in road None Off road: None
Did not leave carr Age of Driver 58 Male
Not hit and run Breath test Negative
Left hand drive: No

Vehicle Reference 2 Car Turning right
Vehicle movement from SE to NE No tow / articulation Leaving the main road
On main carriageway Overturned
Location at impact Mid Junction - on roundabout or r First impact Nearside Hit vehicle:
Hit object in road None Off road: None
Did not leave carr Age of Driver 52 Male
Not hit and run Breath test Driver not contacted
Left hand drive: No

Casualty Reference: 1 Vehicle: 2 Age: 52 Male Driver/rider Severity: Slight
Not a pupil
Seatbelt Not Applicable Cycle helmet: Not a cyclist

Accidents between dates 01/01/2019 and 31/12/2023 (60) months

Selection: Notes:

Selected using Pre-defined Query : ; Refined using Accidents within selected Polygons -HC - RPU Statistics Request ("MS WATERLOOVILLE")

44190272132 02/08/2019 Time 1300 Vehicles 2 Casualties 2 Slight
E:467904 N: 110262 First Road: U Road Type Single carriageway
Speed limit: 30 Junction Detail: T & Stag Jct Give way or controlled Unclassified
Crossing: Control None Facilities: None within 50m Road surface Dry
Daylight Fine without high winds
Special Conditions at Site None Carriageway Hazards: None
Place accident reported: At scene DfT Special Projects:

Causation			
	Factor:	Participant:	Confidence:
1st:	Illness or disability, mental or physical	Vehicle 1	Very Likely
2nd:	Loss of control	Vehicle 1	Very Likely
3rd:			
4th:			
5th:			
6th:			

VEH1 (CAR) TRAVELLING NE ALONG MILTON ROAD COLLIDED WITH THE REAR OF VEH2 (CAR) TRAVELLING NE AHEAD, WAITING TO TURN RIGHT INTO JUBILLE ROAD.
Occurred on MILTON ROAD AT JUNCTION WITH JUBILEE ROAD, WATERLOOVILLE, HAMPSHIRE

Vehicle Reference 1 Car Going ahead other
Vehicle movement from SW to NE No tow / articulation Leaving the main road
On main carriageway No skidding, jack-knifing or overturning
Location at impact Jct Approach First impact Front Hit vehicle:
Hit object in road None Off road: None
Did not leave carr Age of Driver 89 Male
Not hit and run Breath test Negative
Left hand drive: No

Casualty Reference: 1 Vehicle: 1 Age: 89 Male Driver/rider Severity: Slight
Not a pupil
Seatbelt Not Applicable Cycle helmet: Not a cyclist

Vehicle Reference 2 Car Waiting to turn right
Vehicle movement from SW to SE No tow / articulation Leaving the main road
On main carriageway No skidding, jack-knifing or overturning
Location at impact Jct Approach First impact Back Hit vehicle:
Hit object in road None Off road: None
Did not leave carr Age of Driver 43 Male
Not hit and run Breath test Negative
Left hand drive: No

Casualty Reference: 2 Vehicle: 2 Age: 43 Male Driver/rider Severity: Slight
Not a pupil
Seatbelt Not Applicable Cycle helmet: Not a cyclist

Accidents between dates 01/01/2019 and 31/12/2023 (60) months

Selection: Notes:

Selected using Pre-defined Query : ; Refined using Accidents within selected Polygons -HC - RPU Statistics Request ("MS WATERLOOVILLE")

44190294462 19/08/2019 Time 2031 Vehicles 3 Casualties 1 Slight
E:467542 N: 110247 First Road: B 2150 Road Type Single carriageway
Speed limit: 30 Junction Detail: Not within 20m of junction
Crossing: Control None Facilities: None within 50m Road surface Wet/Damp
Darkness: street lighting unknown Raining without high winds
Special Conditions at Site None Carriageway Hazards: None
Place accident reported: Elsewhere DfT Special Projects:

	Causation		
	Factor:	Participant:	Confidence:
1st:			
2nd:			
3rd:			
4th:			
5th:			
6th:			

VEH 1 (CAR), VEH 2 (VAN) AND VEH 3 (CAR) WERE ALL TRAVELLING SE ON B2150 WHEN VEH 1 ALLEGEDLY BRAKED SHARPLY, CAUSING VEH 3 TO COLLIDE WITH THE REAR OF VEH 2, PUSHING IT INTO VEH 1.

Occurred on B2150 HAMBLEDON ROAD, WATERLOOVILE, HAMPSHIRE, OUTSIDE NO 102

Vehicle Reference 1 Car Stopping
Vehicle movement from NW to SE No tow / articulation Leaving the main road
On main carriageway No skidding, jack-knifing or overturning
Location at impact Not at, or within 20M of Jct First impact Back Hit vehicle:
Hit object in road None Off road: None
Did not leave carr Age of Driver Male
Not hit and run Breath test Driver not contacted
Left hand drive: No

Vehicle Reference 2 Van or Goods 3.5 tonnes mgw and under Stopping
Vehicle movement from NW to SE No tow / articulation Leaving the main road
On main carriageway Skidded
Location at impact Not at, or within 20M of Jct First impact Back Hit vehicle:
Hit object in road None Off road: None
Did not leave carr Age of Driver Male
Not hit and run Breath test Driver not contacted
Left hand drive: No

Accidents between dates 01/01/2019 and 31/12/2023 (60) months

Selection: Notes:

Selected using Pre-defined Query : ; Refined using Accidents
within selected Polygons -HC - RPU Statistics Request ("MS
WATERLOOVILLE")

Vehicle Reference 3 Car Stopping
Vehicle movement from NW to SE No tow / articulation Leaving the main road
On main carriageway Skidded
Location at impact Not at, or within 20M of Jct First impact Front Hit vehicle:
Hit object in road None Off road: None
Did not leave carr Age of Driver 59 Female
Not hit and run Breath test Driver not contacted
Left hand drive: No

Casualty Reference: 1 Vehicle: 3 Age: 59 Female Driver/rider Severity: Slight
Not a pupil
Seatbelt Unknown Cycle helmet: Not a cyclist

Accidents between dates 01/01/2019 and 31/12/2023 (60) months

Selection: Notes:

Selected using Pre-defined Query : ; Refined using Accidents within selected Polygons -HC - RPU Statistics Request ("MS WATERLOOVILLE")

4419033216016/09/2019Time1810Vehicles2Casualties1Slight

E:467693N:110009First Road: URoad TypeSingle carriageway

Speed limit: 30Junction Detail: RoundaboutGive way or controlledB 2150

Crossing: Control NoneFacilities: None within 50mRoad surfaceDry

DaylightFine without high winds

Special Conditions at Site NoneCarriageway Hazards: None

Place accident reported: ElsewhereDfT Special Projects:

	Causation		
	Factor:	Participant:	Confidence:
1st:			
2nd:			
3rd:			
4th:			
5th:			
6th:			

VEH 1 (CAR) TRAVELLING NW ALONG B2150 HAMBLEDON ROAD ENTERED RBT AND COLLIDED WITH VEH 2 (P/CYCLE) TRAVELLING SW AROUND RBT.
Occurred on MILTON ROAD AT JUNCTION WITH B2150 HAMBLEDON ROAD, WATERLOOVILLE, HAMPSHIRE

Vehicle Reference1CarStarting

Vehicle movement fromSE to NWNo tow / articulationLeaving the main road

On main carriagewayNo skidding, jack-knifing or overturning

Location at impactMid Junction - on roundabout or rFirst impactFrontHit vehicle:

Hit object in roadNoneOff road: None

Did not leave carrAge of DriverNot traced

Not hit and runBreath testDriver not contacted

Left hand drive: No

Vehicle Reference2Pedal CycleGoing ahead other

Vehicle movement fromNE to SWNo tow / articulationLeaving the main road

On main carriagewayNo skidding, jack-knifing or overturning

Location at impactMid Junction - on roundabout or rFirst impactNearsideHit vehicle:

Hit object in roadNoneOff road: None

Did not leave carrAge of Driver26Female

Not hit and runBreath testNot applicable

Left hand drive: No

Casualty Reference: 1Vehicle: 2Age: 26FemaleDriver/riderSeverity: Slight

Not a pupil

Seatbelt Not ApplicableCycle helmet: Not known

Accidents between dates 01/01/2019 and 31/12/2023 (60) months

Selection: Notes:

Selected using Pre-defined Query : ; Refined using Accidents within selected Polygons -HC - RPU Statistics Request ("MS WATERLOOVILLE")

44190368246 14/10/2019 Time 2027 Vehicles 2 Casualties 1 Slight
E:467685 N: 110051 First Road: B 2150 Road Type Single carriageway
Speed limit: 30 Junction Detail: Roundabout Give way or controlled Unclassified
Crossing: Control None Facilities: Pelican, puffin, toucan etc. Road surface Wet/Damp
Darkness: street lights present and lit Fine without high winds
Special Conditions at Site None Carriageway Hazards: None
Place accident reported: At scene DfT Special Projects:

Causation			
	Factor:	Participant:	Confidence:
1st:	Failed to look properly	Vehicle 1	Possible
2nd:	Failed to judge other persons path or speed	Vehicle 1	Possible
3rd:			
4th:			
5th:			
6th:			

VEH 1 (CAR) TRAVELLING SE ALONG HAMBLEDON ROAD ENTERS RBT FAILING TO GIVE WAY TO VEH 2 (CAR) ALREADY ON RBT TRAVELLING NE AND PROCEEDS COLLIDING INTO VEH 2.
Occurred on B2150 HAMBLEDON ROAD AT JUNCTION WITH MILTON ROAD, WATERLOOVILLE, HAMPSHIRE

Vehicle Reference 1 Car Going ahead other
Vehicle movement from NW to SE No tow / articulation Leaving the main road
On main carriageway No skidding, jack-knifing or overturning
Location at impact Mid Junction - on roundabout or r First impact Front Hit vehicle:
Hit object in road None Off road: None
Did not leave carr Age of Driver 40 Male
Not hit and run Breath test Negative
Left hand drive: No

Vehicle Reference 2 Car Going ahead other
Vehicle movement from SW to NE No tow / articulation Leaving the main road
On main carriageway Skidded
Location at impact Mid Junction - on roundabout or r First impact Nearside Hit vehicle:
Hit object in road None Off road: None
Nearside Age of Driver 50 Male
Not hit and run Breath test Not applicable
Left hand drive: No

Casualty Reference: 1 Vehicle: 2 Age: 50 Male Driver/rider Severity: Slight
Not a pupil
Seatbelt Not Applicable Cycle helmet: Not a cyclist

Accidents between dates 01/01/2019 and 31/12/2023 (60) months

Selection: Notes:

Selected using Pre-defined Query : ; Refined using Accidents within selected Polygons -HC - RPU Statistics Request ("MS WATERLOOVILLE")

44190451067 16/12/2019 Time 1202 Vehicles 1 Casualties 1 Slight
E:467891 N: 109769 First Road: U Road Type Single carriageway
Speed limit: 20 Junction Detail: Roundabout Give way or controlled Unclassified
Crossing: Control None Facilities: Ped. phase at traffic signal junction Road surface Wet/Damp
Daylight Fine without high winds
Special Conditions at Site None Carriageway Hazards: None
Place accident reported: Elsewhere DfT Special Projects:

Causation			
	Factor:	Participant:	Confidence:
1st:	Failed to look properly	Vehicle 1	Possible
2nd:	Failed to judge vehicles path or speed	Casualty 1	Possible
3rd:			
4th:			
5th:			
6th:			

VEH1 (CAR) TRAVELLING NE ALONG ASTON ROAD STATIONARY IN TRAFFIC. CAS1 (PEDESTRIAN) BEGINS TO CROSS ASTON ROAD TRAVELLING S AS VEH1 MOVES ONTO THE RBT AND COLLIDES WITH CAS1.

Occurred on ASTON ROAD AT JUNCTION WITH HAMBLEDON ROAD, WATERLOOVILLE, HAMPSHIRE

Vehicle Reference 1 Car Starting
Vehicle movement from SW to NE No tow / articulation Leaving the main road
On main carriageway No skidding, jack-knifing or overturning
Location at impact Jct Approach First impact Nearside Hit vehicle:
Hit object in road None Off road: None
Did not leave carr Age of Driver 62 Male
Hit and run Breath test Driver not contacted
Left hand drive: No

Casualty Reference: 1 Vehicle: 1 Age: 35 Male Pedestrian Severity: Slight
Not a pupil
Seatbelt Not Applicable Cycle helmet: Not a cyclist

Within 50m ped crossing SW bound

Driver's nearside

Accidents between dates 01/01/2019 and 31/12/2023 (60) months

Selection: Notes:

Selected using Pre-defined Query : ; Refined using Accidents within selected Polygons -HC - RPU Statistics Request ("MS WATERLOOVILLE")

44200024191 20/01/2020 Time 1715 Vehicles 3 Casualties 1 Slight
E:467232 N: 110532 First Road: B 2150 Road Type Single carriageway
Speed limit: 30 Junction Detail: Not within 20m of junction
Crossing: Control None Facilities: Pelican, puffin, toucan etc. Road surface Dry
Darkness: street lights present and lit Fine without high winds
Special Conditions at Site None Carriageway Hazards: None
Place accident reported: At scene DfT Special Projects:

Causation			
	Factor:	Participant:	Confidence:
1st:	Failed to look properly	Vehicle 3	Very Likely
2nd:			
3rd:			
4th:			
5th:			
6th:			

VEH3 (CAR) TRAVELLING SE ALONG B2150 HAMBLEDON ROAD FAILS TO SLOW FOR SLOW MOVING TRAFFIC AHEAD AND COLLIDES INTO THE REAR OF VEH2 (CAR) PUSHING IT INTO THE REAR OF VEH1 (CAR).

Occurred on B2150 HAMBLEDON ROAD, OUTSIDE OF PREMIER STORE, WATERLOOVILLE, HAMPSHIRE

Vehicle Reference 1 Car Stopping
Vehicle movement from NW to SE No tow / articulation Leaving the main road
On main carriageway No skidding, jack-knifing or overturning
Location at impact Not at, or within 20M of Jct First impact Back Hit vehicle:
Hit object in road None Off road: None
Did not leave carr Age of Driver 46 Male
Not hit and run Breath test Negative
Left hand drive: No

Vehicle Reference 2 Car Stopping
Vehicle movement from NW to SE No tow / articulation Leaving the main road
On main carriageway No skidding, jack-knifing or overturning
Location at impact Not at, or within 20M of Jct First impact Back Hit vehicle:
Hit object in road None Off road: None
Did not leave carr Age of Driver 28 Female
Not hit and run Breath test Negative
Left hand drive: No

Casualty Reference: 1 Vehicle: 2 Age: 28 Female Driver/rider Severity: Slight
Not a pupil
Seatbelt Not Applicable Cycle helmet: Not a cyclist

Accidents between dates 01/01/2019 and 31/12/2023 (60) months

Selection: Notes:

Selected using Pre-defined Query : ; Refined using Accidents within selected Polygons -HC - RPU Statistics Request ("MS WATERLOOVILLE")

Vehicle Reference3CarGoing ahead other
Vehicle movement fromNW to SENo tow / articulationLeaving the main road
On main carriagewayNo skidding, jack-knifing or overturning
Location at impactNot at, or within 20M of JctFirst impactFrontHit vehicle:
Hit object in roadNoneOff road:None
Did not leave carrAge of Driver23Female
Not hit and runBreath testNegative
Left hand drive: No

4420041778027/10/2020Time1835Vehicles1Casualties1Serious
E:468073N:110521First Road:URoad TypeSingle carriageway
Speed limit:30Junction Detail:T & Stag JctGive way or controlledUnclassified
Crossing: ControlNoneFacilities:None within 50mRoad surfaceWet/Damp
Darkness: street lights present and litFine without high winds
Special Conditions at SiteNoneCarriageway Hazards: None
Place accident reported:At sceneDfT Special Projects:

Causation			
	Factor:	Participant:	Confidence:
1st:	Failed to look properly	Vehicle 1	Very Likely
2nd:			
3rd:			
4th:			
5th:			
6th:			

VEH 1 (CAR) TRAVELLING SW ALONG MILTON ROAD HAVING ENTERED FROM SIDE ROAD ACCELERATES AND FOR UNKNOWN REASON COLLIDES WITH CAS 1 (PEDESTRIAN)TRAVELLING EAST ACROSS MILTON ROAD AND COLLIDES.
Occurred on MILTON ROAD AT JUNCTION WITH TENNYSON CRESCENT, WATERLOOVILLE, HAMPSHIRE

Vehicle Reference1CarGoing ahead other
Vehicle movement fromNE to SWNo tow / articulationLeaving the main road
On main carriagewayNo skidding, jack-knifing or overturning
Location at impactJct ApproachFirst impactFrontHit vehicle:
Hit object in roadNoneOff road:None
Did not leave carrAge of DriverUnknown
Hit and runBreath testDriver not contacted
Left hand drive: No

Casualty Reference:1Vehicle:1Age:60MalePedestrianSeverity: Serious
Not a pupil
SeatbeltNot ApplicableCycle helmet: Not a cyclist
In carr elsewhereE bound
Driver's offside

Accidents between dates 01/01/2019 and 31/12/2023 (60) months

Selection: Notes:

Selected using Pre-defined Query : ; Refined using Accidents within selected Polygons -HC - RPU Statistics Request ("MS WATERLOOVILLE")

44210435736 30/10/2021 Time 1430 Vehicles 2 Casualties 1 Slight
E:467768 N: 110117 First Road: U Road Type Single carriageway
Speed limit: 30 Junction Detail: Pri Drive Give way or controlled Unclassified
Crossing: Control None Facilities: None within 50m Road surface Dry
Daylight Fine without high winds
Special Conditions at Site None Carriageway Hazards: None
Place accident reported: Elsewhere DfT Special Projects:

Causation			
Factor:	Participant:	Confidence:	
1st:			
2nd:			
3rd:			
4th:			
5th:			
6th:			

VEH2 (CAR) PULLED OUT OF THE DRIVEWAY OF NO.3 MILTON ROAD TRAVELLING SE AND COLLIDED WITH THE NEARSIDE OF VEH1 (P/CYCLE) TRAVELLING NE ALONG MILTON ROAD.
Occurred on MILTON ROAD AT JUNCTION WITH NO.3, WATERLOOVILLE, HAMPSHIRE.

Vehicle Reference 1 Pedal Cycle Going ahead other
Vehicle movement from SW to NE No tow / articulation Leaving the main road
On main carriageway No skidding, jack-knifing or overturning
Location at impact Mid Junction - on roundabout or r First impact Nearside Hit vehicle:
Hit object in road None Off road: None
Did not leave carr Age of Driver 43 Male
Not hit and run Breath test Not applicable
Left hand drive: No

Casualty Reference: 1 Vehicle: 1 Age: 43 Male Driver/rider Severity: Slight
Not a pupil
Seatbelt Not Applicable Cycle helmet: Not known

Vehicle Reference 2 Car Starting
Vehicle movement from NW to SE No tow / articulation Leaving the main road
On main carriageway No skidding, jack-knifing or overturning
Location at impact Mid Junction - on roundabout or r First impact Front Hit vehicle:
Hit object in road None Off road: None
Did not leave carr Age of Driver Not traced
Not hit and run Breath test Driver not contacted
Left hand drive: No

Accidents between dates 01/01/2019 and 31/12/2023 (60) months

Selection: Notes:

Selected using Pre-defined Query : ; Refined using Accidents within selected Polygons -HC - RPU Statistics Request ("MS WATERLOOVILLE")

44210471686 24/11/2021 Time 0730 Vehicles 2 Casualties 1 Slight
E:467558 N: 110232 First Road: B 2150 Road Type Single carriageway
Speed limit: 30 Junction Detail: T & Stag Jct Give way or controlled Unclassified
Crossing: Control None Facilities: None within 50m Road surface Dry
Daylight Fine without high winds
Special Conditions at Site None Carriageway Hazards: None
Place accident reported: At scene DfT Special Projects:

	Causation		
	Factor:	Participant:	Confidence:
1st:			
2nd:			
3rd:			
4th:			
5th:			
6th:			

VEH1 (CAR) TRAVELLING SE ALONG B2150 HAMBLEDON ROAD TURNED LEFT INTO THE HUNDRED BUT LOST CONTROL AND SWERVED INTO VEH2 (CAR) TRAVELLING NW ALONG B2150 HAMBLEDON ROAD, STATIONARY WAITING TO TURN RIGHT INTO THE HUNDRED.

Occurred on B2150 HAMBLEDON ROAD AT JUNCTION WITH THE HUNDRED, WATERLOOVILLE, HAMPSHIRE

Vehicle Reference 1 Car Turning left
Vehicle movement from NW to NE No tow / articulation Leaving the main road
On main carriageway No skidding, jack-knifing or overturning
Location at impact Mid Junction - on roundabout or r First impact Offside Hit vehicle:
Hit object in road None Off road: None
Did not leave carr Age of Driver 23 Male
Not hit and run Breath test Negative
Left hand drive: No

Vehicle Reference 2 Car Waiting to turn right
Vehicle movement from SE to NE No tow / articulation Leaving the main road
On main carriageway No skidding, jack-knifing or overturning
Location at impact Mid Junction - on roundabout or r First impact Offside Hit vehicle:
Hit object in road None Off road: None
Did not leave carr Age of Driver 38 Female
Not hit and run Breath test Negative
Left hand drive: No

Casualty Reference: 1 Vehicle: 2 Age: 38 Female Driver/rider Severity: Slight
Not a pupil
Seatbelt Not Applicable Cycle helmet: Not a cyclist

Accidents between dates 01/01/2019 and 31/12/2023 (60) months

Selection: Notes:

Selected using Pre-defined Query : ; Refined using Accidents within selected Polygons -HC - RPU Statistics Request ("MS WATERLOOVILLE")

4422012488830/03/2022Time 0900Vehicles 2Casualties 2Slight

E:467656N: 110023First Road: URoad Type Single carriageway

Speed limit: 30Junction Detail: RoundaboutGive way or controlledB 2150

Crossing: Control NoneFacilities: None within 50mRoad surface Wet/Damp

DaylightFine without high winds

Special Conditions at Site NoneCarriageway Hazards: None

Place accident reported: At sceneDfT Special Projects:

Causation			
	Factor:	Participant:	Confidence:
1st:	Failed to look properly	Vehicle 1	Possible
2nd:	Failed to judge other persons path or speed	Vehicle 1	Possible
3rd:			
4th:			
5th:			
6th:			

VEH1 (CAR) TRAVELLING E ALONG ELETTRA AVENUE FAILS TO SLOW IN TIME ON APPROACH TO JUNCTION AND COLLIDES WITH THE REAR OF VEH2 (VAN) TRAVELLING E IN FRONT, STATIONARY WAITING TO ENTER THE RBT.

Occurred on ELETTRA AVENUE AT JUNCTION WITH B2150 HAMBLEDON ROAD, WATERLOOVILLE, HAMPSHIRE.

Vehicle Reference 1CarGoing ahead other

Vehicle movement from W to ENo tow / articulationLeaving the main road

On main carriagewayNo skidding, jack-knifing or overturning

Location at impactJct ApproachFirst impact FrontHit vehicle:

Hit object in road NoneOff road: None

Did not leave carrAge of Driver 50Male

Not hit and runBreath test Not applicable

Left hand drive: No

Casualty Reference: 1Vehicle: 1Age: 50MaleDriver/riderSeverity: Slight

Not a pupil

Seatbelt Not ApplicableCycle helmet: Not a cyclist

Vehicle Reference 2Van or Goods 3.5 tonnes mgw and under Stopping

Vehicle movement from W to ENo tow / articulationLeaving the main road

On main carriagewayNo skidding, jack-knifing or overturning

Location at impactJct ApproachFirst impact BackHit vehicle:

Hit object in road NoneOff road: None

Did not leave carrAge of Driver 57Male

Not hit and runBreath test Driver not contacted

Left hand drive: No

Casualty Reference: 2Vehicle: 2Age: 57MaleDriver/riderSeverity: Slight

Not a pupil

Seatbelt Not ApplicableCycle helmet: Not a cyclist

Accidents between dates 01/01/2019 and 31/12/2023 (60) months

Selection: Notes:

Selected using Pre-defined Query : ; Refined using Accidents
within selected Polygons -HC - RPU Statistics Request ("MS
WATERLOOVILLE")

44230214950 31/05/2023 Time 0953 Vehicles 1 Casualties 1 Slight
E:467779 N: 110122 First Road: U Road Type Single carriageway
Speed limit: 30 Junction Detail: Not within 20m of junction
Crossing: Control None Facilities: None within 50m Road surface Dry
Daylight Fine without high winds
Special Conditions at Site None Carriageway Hazards: None
Place accident reported: At scene DfT Special Projects:

Causation			
	Factor:	Participant:	Confidence:
1st:	Failed to judge other persons path or speed	Vehicle 1	Possible
2nd:			
3rd:			
4th:			
5th:			
6th:			

VEH 1 (CAR) TRAVELLING SOUTH WEST ALONG MILTON ROAD SWERVED TO AVOID TRAFFIC, LEFT THE CARRIAGEWAY TO THE NEARSIDE AND COLLIDED WITH A TREE.

Occurred on MILTON ROAD 106 METRES NORTH EAST OF HAMBLEDON ROAD ROUNDABOUT,
WATERLOOVILLE, HAMPSHIRE

Vehicle Reference 1 Car Going ahead other
Vehicle movement from NE to SW No tow / articulation Leaving the main road
On main carriageway No skidding, jack-knifing or overturning
Location at impact Not at, or within 20M of Jct First impact Front Hit vehicle:
Hit object in road None Off road: Tree
Nearside Age of Driver 84 Female
Not hit and run Breath test Negative
Left hand drive: No

Casualty Reference: 1 Vehicle: 1 Age: 84 Female Driver/rider Severity: Slight
Not a pupil
Seatbelt Worn but not i Cycle helmet: Not a cyclist

Accidents between dates 01/01/2019 and 31/12/2023 (60) months

Selection: Notes:

Selected using Pre-defined Query : ; Refined using Accidents within selected Polygons -HC - RPU Statistics Request ("MS WATERLOOVILLE")

44230407615 05/10/2023 Time 1740 Vehicles 2 Casualties 1 Slight
E:467692 N: 110001 First Road: B 2150 Road Type Dual carriageway
Speed limit: 40 Junction Detail: Roundabout Give way or controlled Unclassified
Crossing: Control None Facilities: Pelican, puffin, toucan etc. Road surface Dry
Daylight Fine without high winds
Special Conditions at Site None Carriageway Hazards: None
Place accident reported: At scene DfT Special Projects:

Causation			
	Factor:	Participant:	Confidence:
1st:	Following too close	Vehicle 1	Possible
2nd:	Failed to judge other persons path or speed	Vehicle 1	Possible
3rd:			
4th:			
5th:			
6th:			

VEH1 (CAR) TRAVELLING NW ALONG HAMBLEDON ROAD FAILED TO STOP IN TIME AND COLLIDED WITH THE REAR OF VEH2 (CAR) TRAVELLING NW ALONG HAMBLEDON ROAD, WAITING TO ENTER THE ROUNDABOUT

Occurred on B2150 HAMBLEDON ROAD AT ROUNDABOUT WITH MILTON ROAD, WATERLOOVILLE, HAMPSHIRE

Vehicle Reference 1 Car Going ahead other
Vehicle movement from SE to NW No tow / articulation Leaving the main road
On main carriageway No skidding, jack-knifing or overturning
Location at impact Jct Approach First impact Front Hit vehicle:
Hit object in road None Off road: None
Did not leave carr Age of Driver 84 Male
Not hit and run Breath test Negative
Left hand drive: No

Vehicle Reference 2 Car Going ahead but held up
Vehicle movement from SE to NW No tow / articulation Leaving the main road
On main carriageway No skidding, jack-knifing or overturning
Location at impact Jct Approach First impact Back Hit vehicle:
Hit object in road None Off road: None
Did not leave carr Age of Driver 40 Female
Not hit and run Breath test Negative
Left hand drive: No

Casualty Reference: 1 Vehicle: 2 Age: 40 Female Driver/rider Severity: Slight
Not a pupil
Seatbelt Not Applicable Cycle helmet: Not a cyclist

Accidents between dates 01/01/2019 and 31/12/2023 (60) months

Selection: Notes:

Selected using Pre-defined Query : ; Refined using Accidents within selected Polygons -HC - RPU Statistics Request ("MS WATERLOOVILLE")

44230430374 20/10/2023 Time 1610 Vehicles 2 Casualties 1 Serious
E:467751 N: 109957 First Road: B 2150 Road Type Single carriageway
Speed limit: 30 Junction Detail: Not within 20m of junction
Crossing: Control None Facilities: Pelican, puffin, toucan etc. Road surface Dry
Daylight Fine without high winds
Special Conditions at Site None Carriageway Hazards: None
Place accident reported: At scene DfT Special Projects:

Causation			
	Factor:	Participant:	Confidence:
1st:	Failed to look properly	Vehicle 2	Very Likely
2nd:			
3rd:			
4th:			
5th:			
6th:			

VEH 1 (CAR) TRAVELLING SE ALONG B2150 HAMBLEDON ROAD COLLIDED WITH VEH 2 (E-SCOOTER) WHICH CROSSED FROM THE NEARSIDE AT A PELICAN CROSSING WHEN LIGHTS WERE GREEN FOR TRAFFIC.

Occurred on B2150 HAMBLEDON ROAD 72 METRES SOUTH EAST OF MILTON ROAD ROUNDABOUT, WATERLOOVILLE, HAMPSHIRE

Vehicle Reference 1 Car Going ahead other
Vehicle movement from NW to SE No tow / articulation Leaving the main road
On main carriageway No skidding, jack-knifing or overturning
Location at impact Not at, or within 20M of Jct First impact Front Hit vehicle:
Hit object in road None Off road: None
Did not leave carr Age of Driver 38 Female
Not hit and run Breath test Negative
Left hand drive: No

Vehicle Reference 2 Other Vehicle Going ahead other
Vehicle movement from NE to SW No tow / articulation Leaving the main road
On main carriageway No skidding, jack-knifing or overturning
Location at impact Not at, or within 20M of Jct First impact Offside Hit vehicle:
Hit object in road None Off road: None
Did not leave carr Age of Driver 10 Female
Not hit and run Breath test Not requested
Left hand drive: No

Casualty Reference: 1 Vehicle: 2 Age: 10 Female Driver/rider Severity: Serious
Not a pupil
Seatbelt Not Applicable Cycle helmet: Not a cyclist

Accidents between dates 01/01/2019 and 31/12/2023 (60) months

Selection: Notes:

Selected using Pre-defined Query : ; Refined using Accidents within selected Polygons -HC - RPU Statistics Request ("MS WATERLOOVILLE")

44230516815 19/12/2023 Time 0945 Vehicles 2 Casualties 1 Serious
E:467271 N: 110492 First Road: B 2150 Road Type Single carriageway
Speed limit: 30 Junction Detail: T & Stag Jct Give way or controlled Unclassified
Crossing: Control None Facilities: None within 50m Road surface Wet/Damp
Daylight Raining without high winds
Special Conditions at Site None Carriageway Hazards: None
Place accident reported: At scene DfT Special Projects:

Causation			
	Factor:	Participant:	Confidence:
1st:	Failed to signal/Misleading signal	Vehicle 1	Very Likely
2nd:			
3rd:			
4th:			
5th:			
6th:			

VEH 1 (CAR) TRAVELLING SE ALONG B2150 HAMBLEDON ROAD TURNED RIGHT FOR SICKLE WAY INTO THE PATH OF VEH 2 (VAN) TRAVELLING NW ALONG HAMBLEDON ROAD, CAUSING VEH 2 TO COLLIDE WITH THE NEARSIDE OF VEH 1.
Occurred on B2150 HAMBLEDON ROAD AT JUNCTION WITH SICKLE WAY, WATERLOOVILLE, HAMPSHIRE

Vehicle Reference 1 Car Turning right
Vehicle movement from NW to SW No tow / articulation Leaving the main road
On main carriageway No skidding, jack-knifing or overturning
Location at impact Leaving main road First impact Nearside Hit vehicle:
Hit object in road None Off road: None
Did not leave carr Age of Driver 93 Male
Not hit and run Breath test Not requested
Left hand drive: No

Casualty Reference: 1 Vehicle: 1 Age: 93 Male Driver/rider Severity: Serious
Not a pupil
Seatbelt Worn but not i Cycle helmet: Not a cyclist

Vehicle Reference 2 Van or Goods 3.5 tonnes mgw and under Going ahead other
Vehicle movement from SE to NW No tow / articulation Leaving the main road
On main carriageway No skidding, jack-knifing or overturning
Location at impact Jct Approach First impact Front Hit vehicle:
Hit object in road None Off road: None
Did not leave carr Age of Driver 41 Male
Not hit and run Breath test Not requested
Left hand drive: No

Accidents between dates **01/01/2019 and 31/12/2023** (60) months

Selection:

Selected using Pre-defined Query : ; Refined using Accidents within selected Polygons -HC - RPU Statistics Request ("MS WATERLOOVILLE")

Notes:

Accidents involving:

	Fatal	Serious	Slight	Total
Motor vehicles only (excluding 2-wheels)	0	3	10	13
2-wheeled motor vehicles	0	0	0	0
Pedal cycles	0	0	2	2
Horses & other	0	0	0	0
Total	0	3	12	15

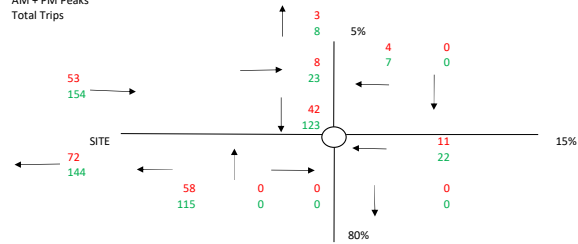
Casualties:

	Fatal	Serious	Slight	Total
Vehicle driver	0	2	11	13
Passenger	0	0	0	0
Motorcycle rider	0	0	0	0
Cyclist	0	0	2	2
Pedestrian	0	1	1	2
Other	0	0	0	0
Total	0	3	14	17

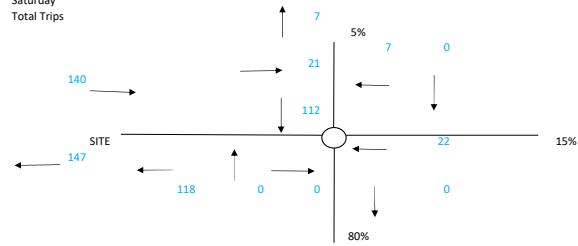
APPENDIX D

FOOD RETAIL

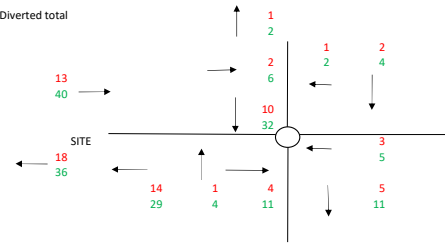
AM + PM Peaks
Total Trips



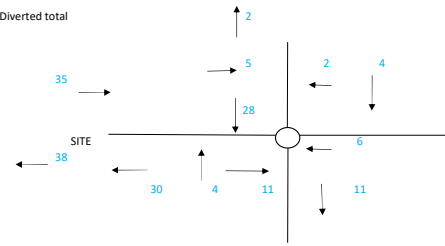
Saturday
Total Trips



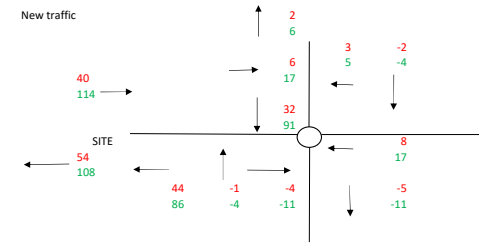
Diverted total



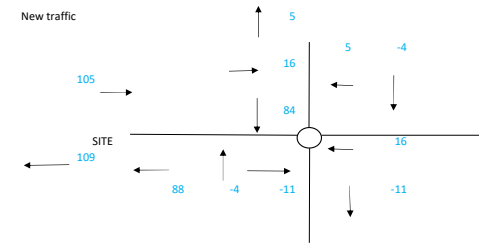
Diverted total



New traffic



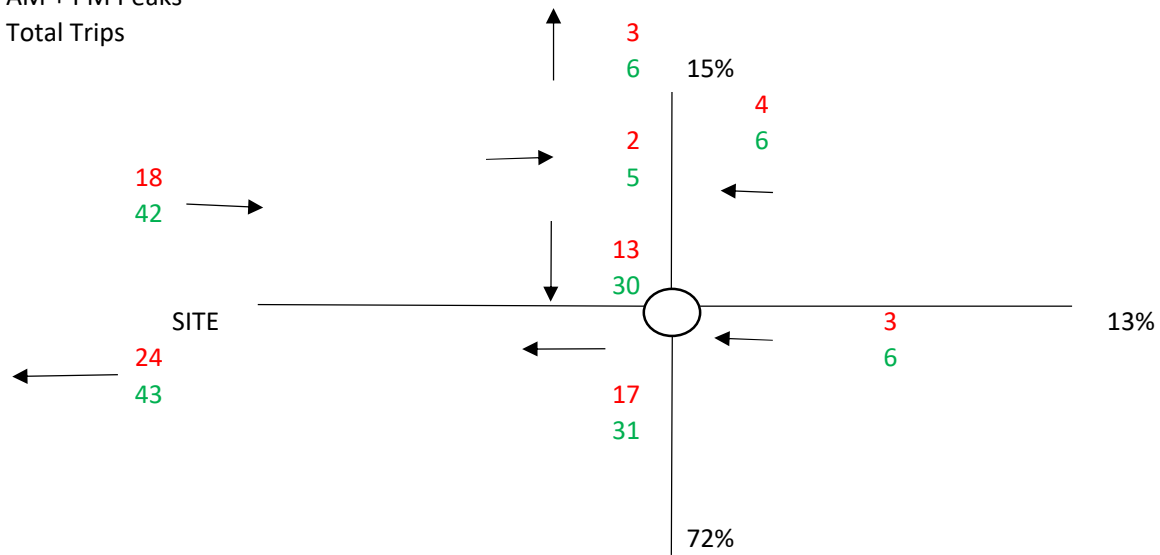
New traffic



FAST FOOD OUTLET

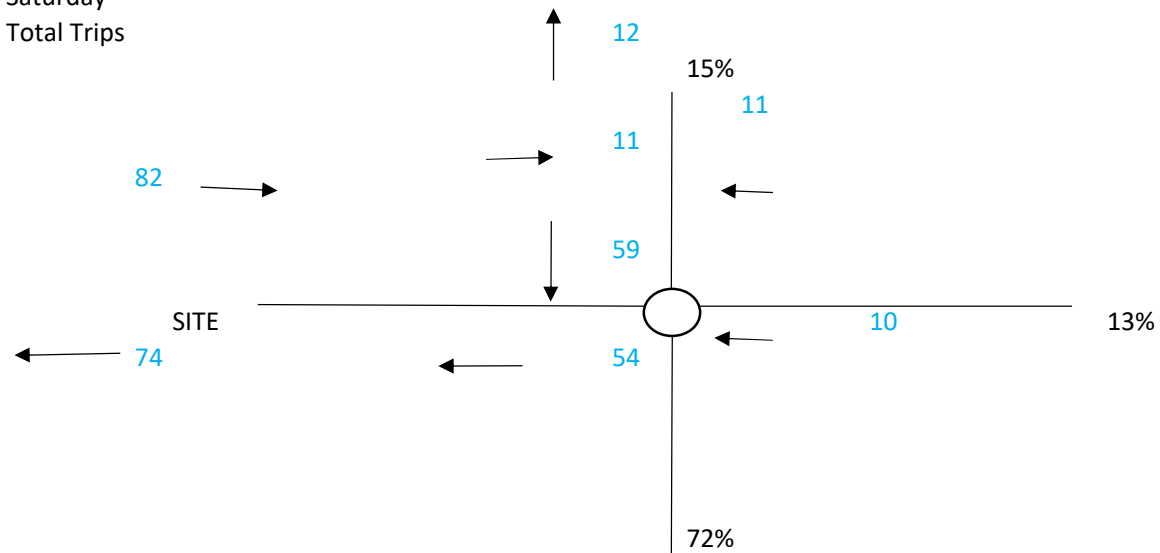
AM + PM Peaks

Total Trips



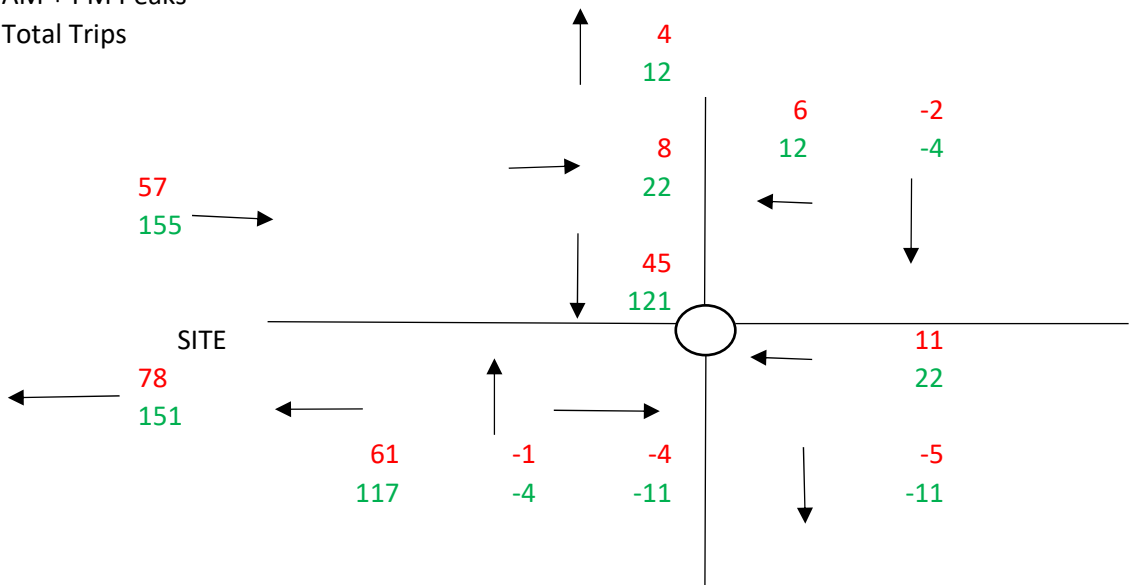
Saturday

Total Trips

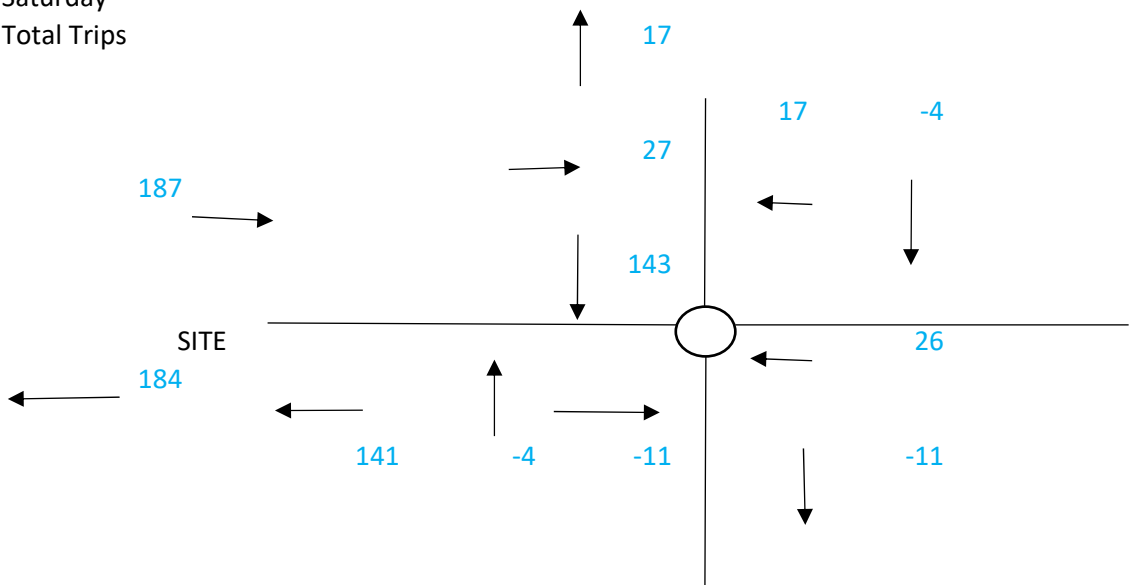


FULL APPLICATION TRIPS (FOOD AND FAST FOOD)

AM + PM Peaks
Total Trips



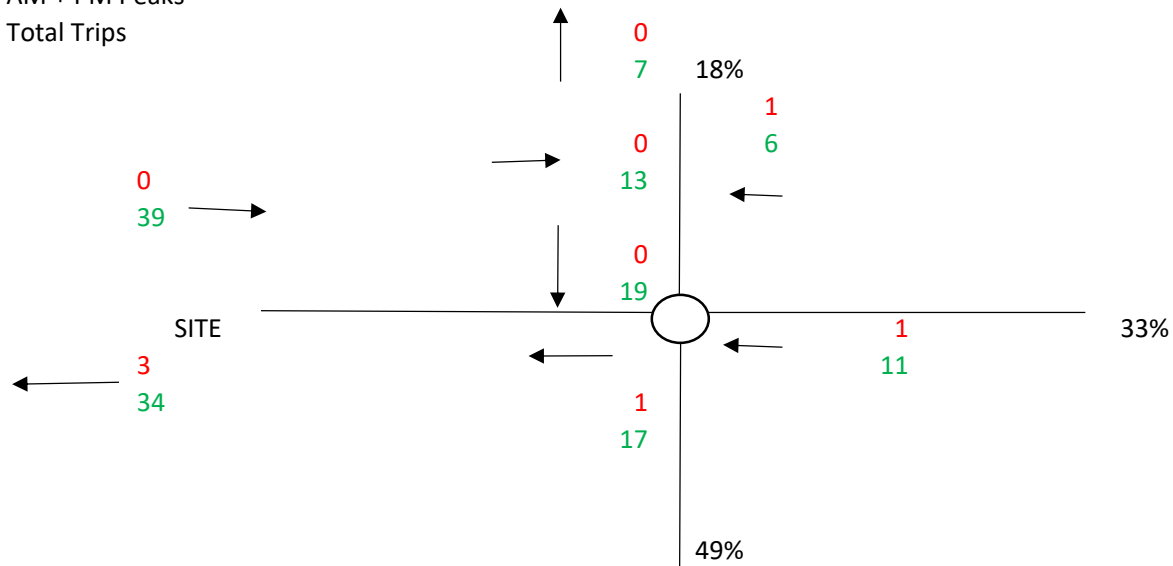
Saturday
Total Trips



NON FOOD RETAIL (RESIDUAL)

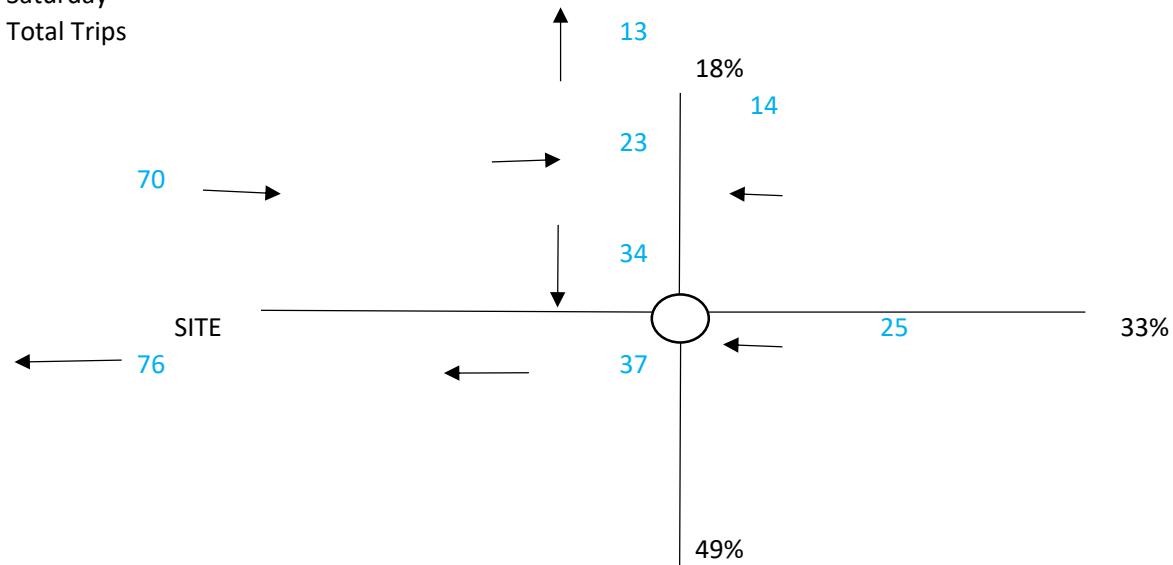
AM + PM Peaks

Total Trips



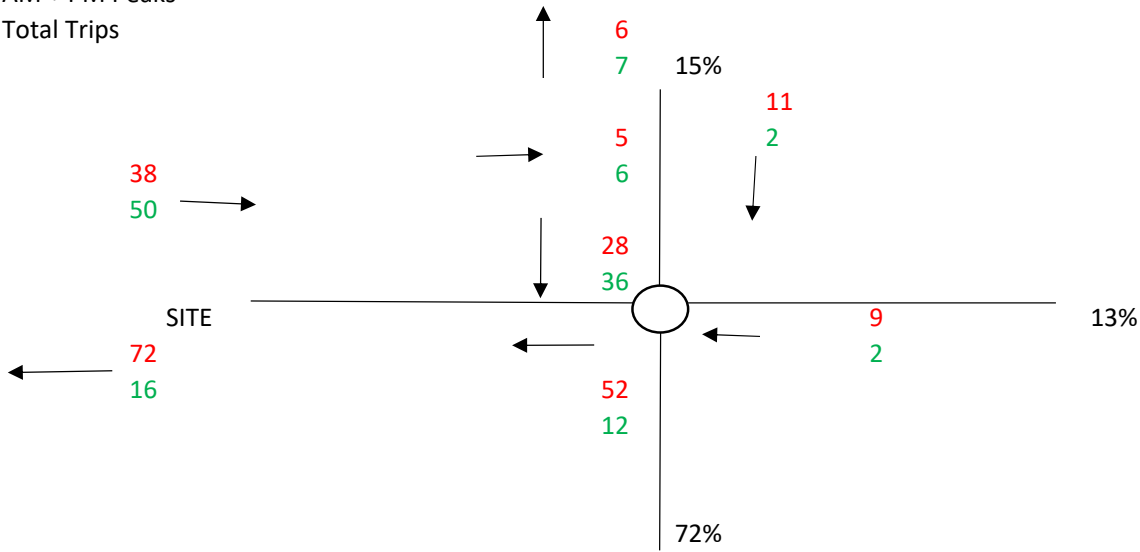
Saturday

Total Trips

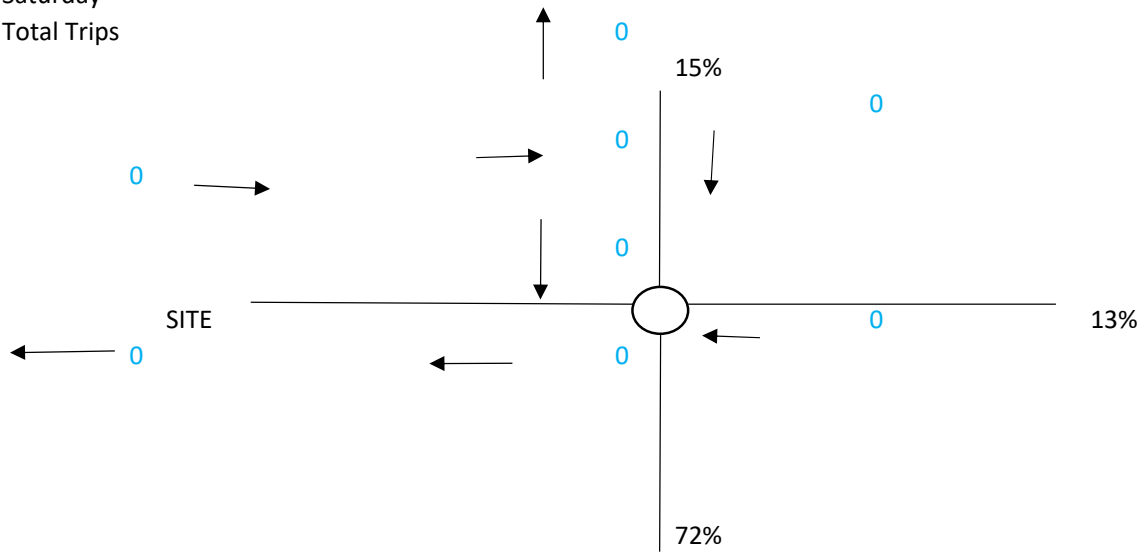


EMPLOYMENT (RESIDUAL)

AM + PM Peaks
Total Trips



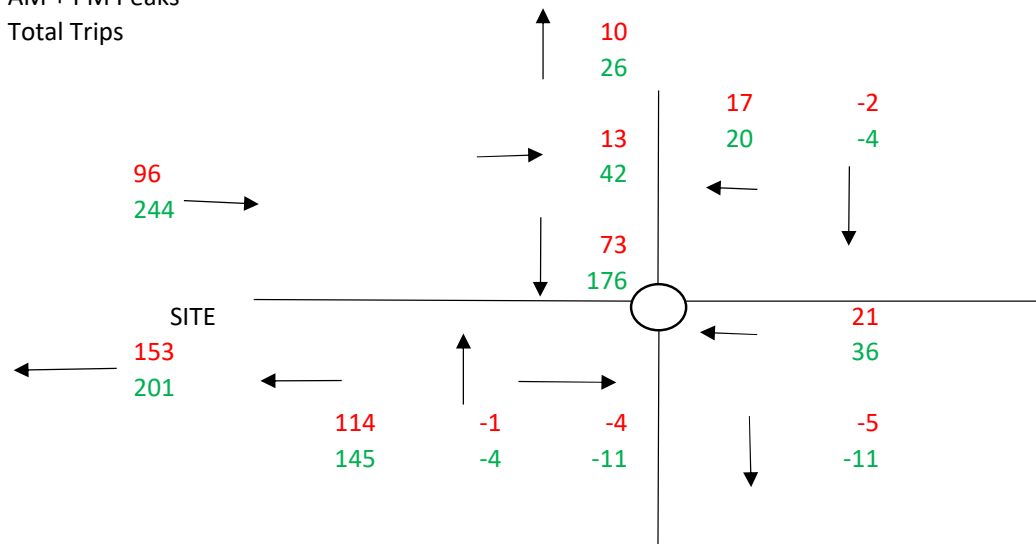
Saturday
Total Trips



COMBINED TOTAL (FULL APPLICATION + RESIDUAL OUTLINE)

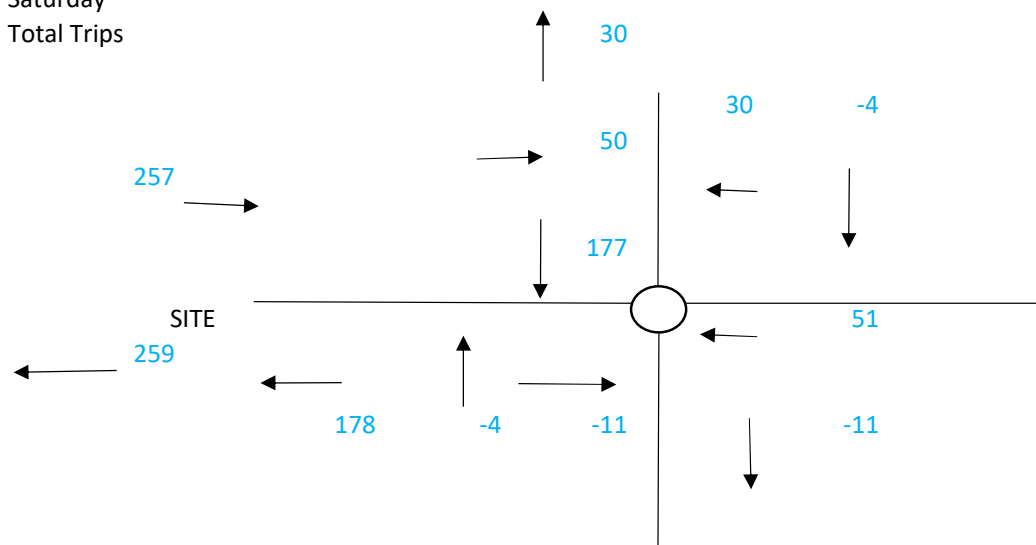
AM + PM Peaks

Total Trips



Saturday

Total Trips



APPENDIX E

Junction Models - Site Access/ Elettra Avenue Roundabout

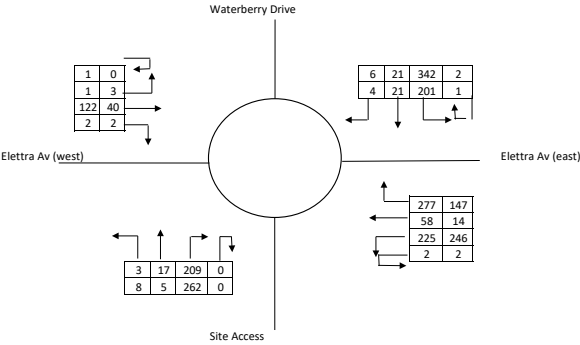
2024 Observed Flows

Total Vehicles

Friday (08:30-09:30 and 16:15-17:15)

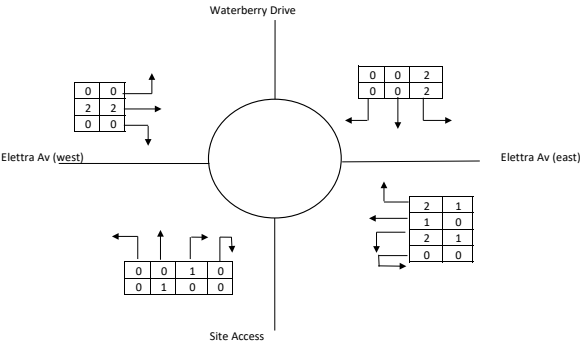
Key

PM AM



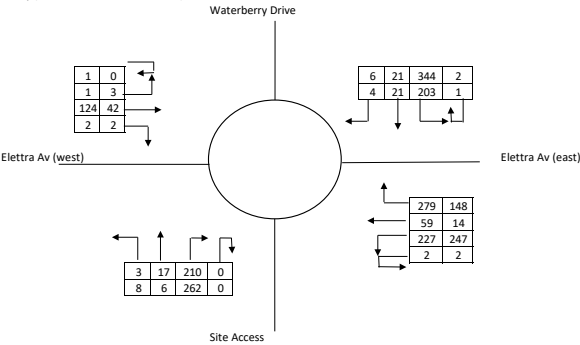
Heavies

Friday (08:15-09:15 and 17:15-18:15)



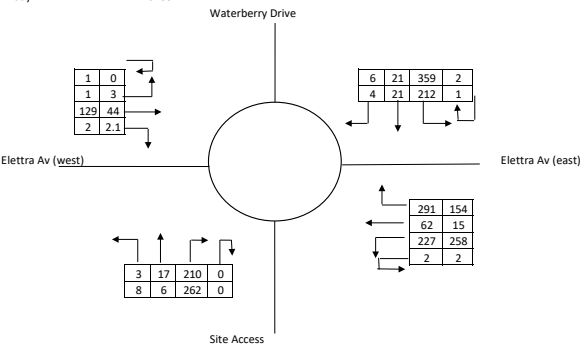
PCUs

Friday (08:15-09:15 and 17:15-18:15)



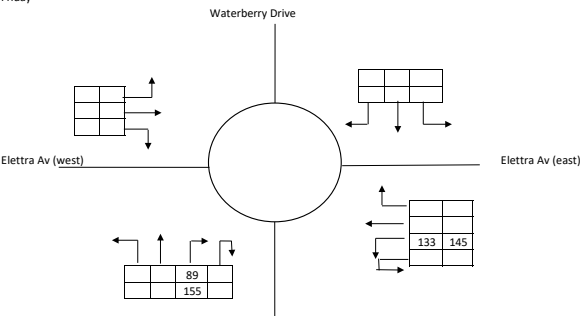
2029 Base AM 1.0436

Friday PM 1.0435

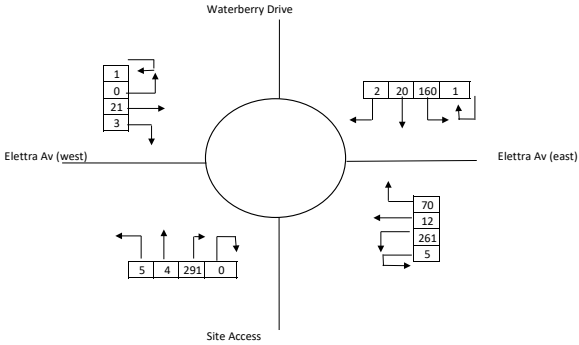


Development - Outline

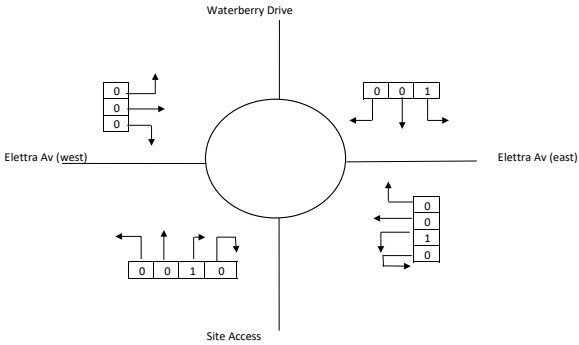
Friday



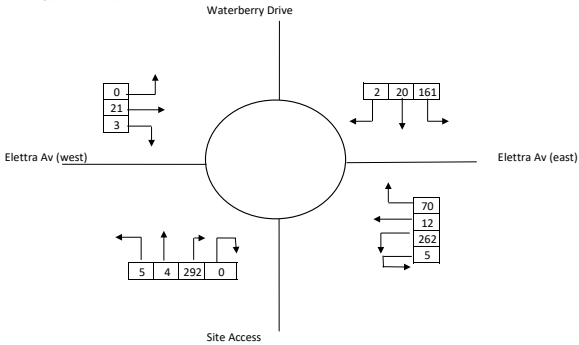
Saturday (11:15-12:15)



Saturday (12:45-13:45)



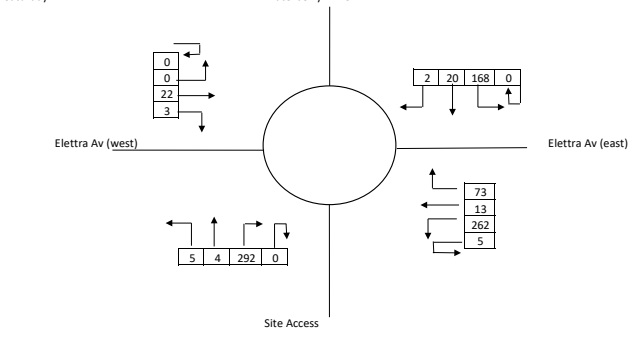
Saturday (12:45-13:45)



2029 Base

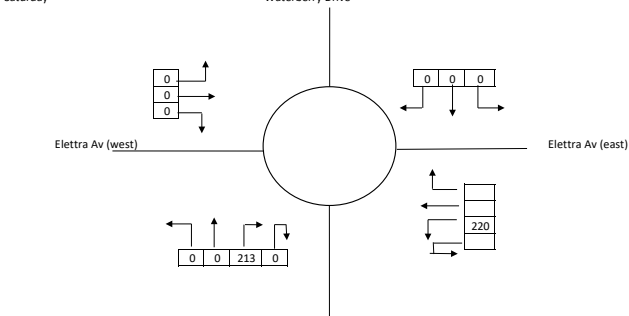
1.0454

Saturday



Development - Outline

Saturday

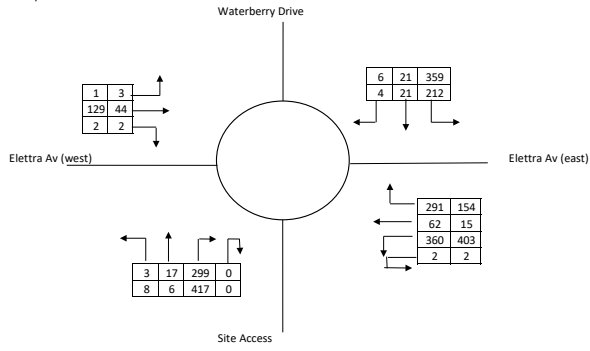


Site Access

Site Access

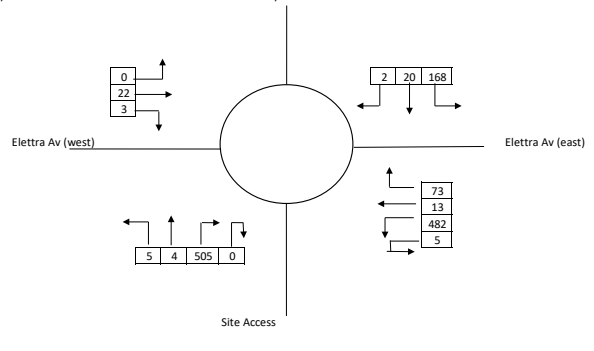
2029 Base + Outline

Friday



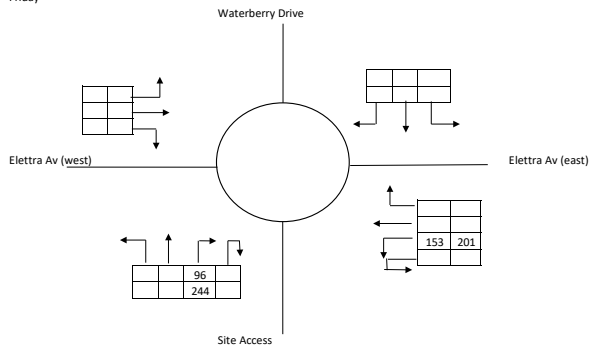
2029 Base + Outline

Saturday



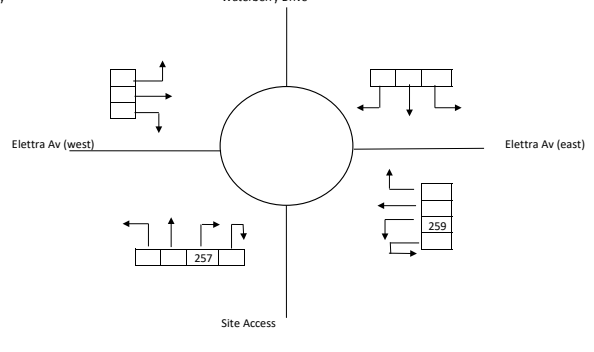
Development Flows - Full

Friday



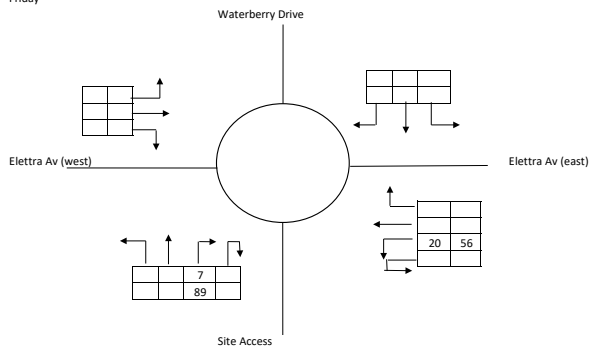
Development Flows - Full

Saturday



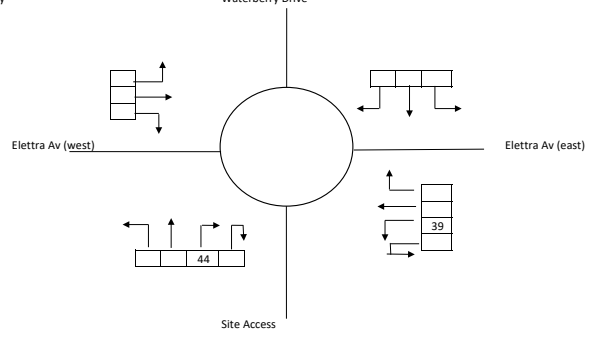
Development Flows - Net Diff

Friday



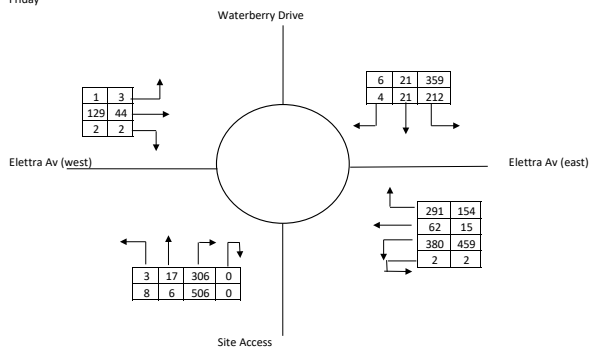
Development Flows - Net Diff

Saturday



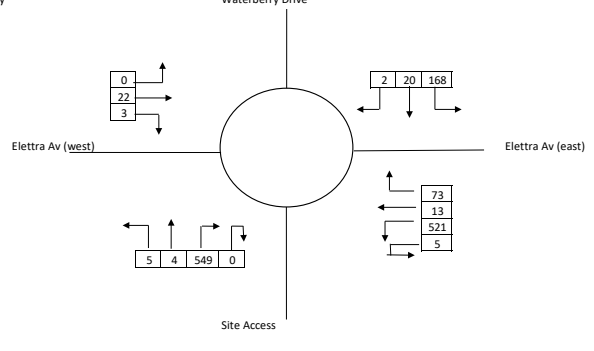
2029 Base + Outline + Net

Friday

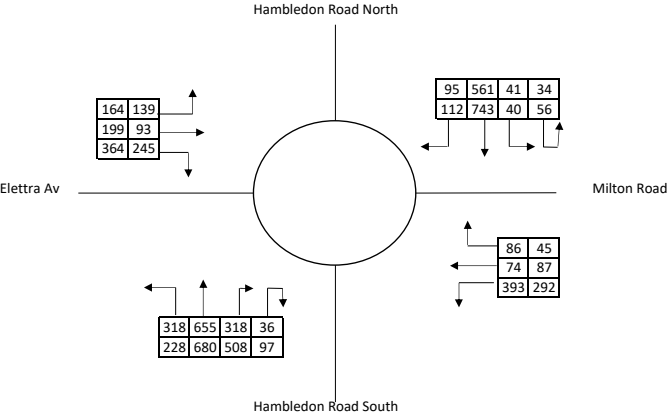
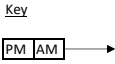


2029 Base + Outline + Net

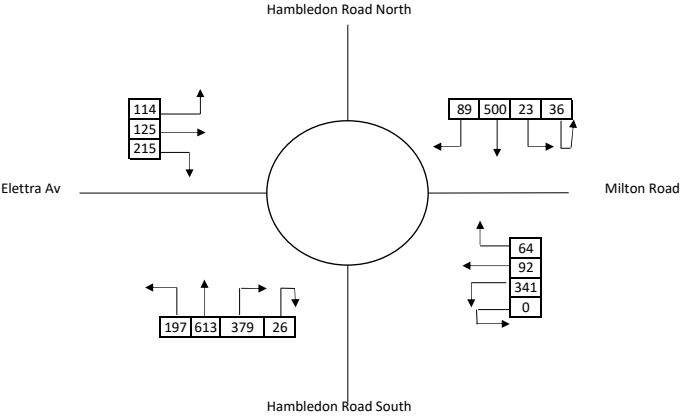
Saturday



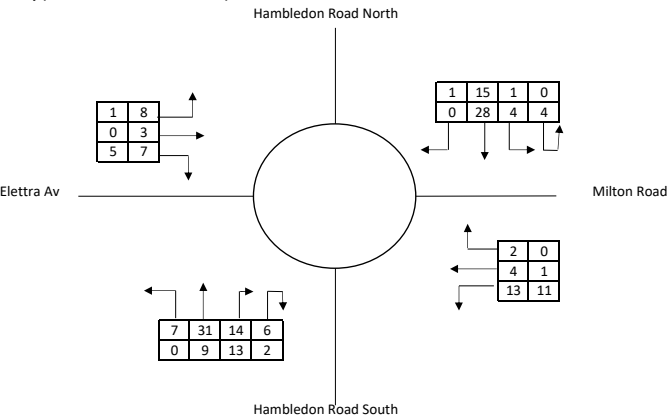
Junction Models - Hambledon Road/ Elettra Avenue Roundabout
2021 Observed Flows
Total vehicles
Friday (08:15-09:15 and 16:45-17:45)



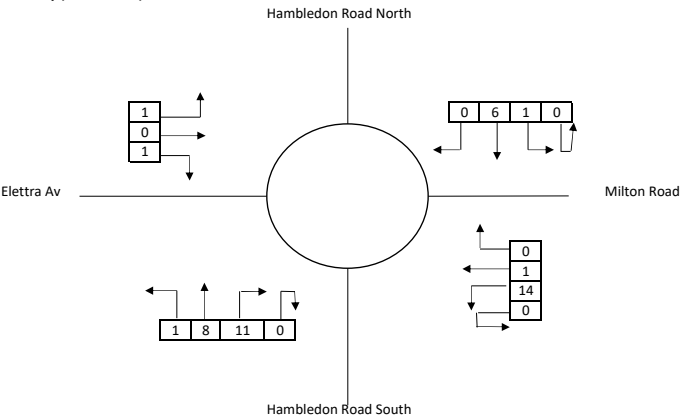
Saturday (11:30-12:30)



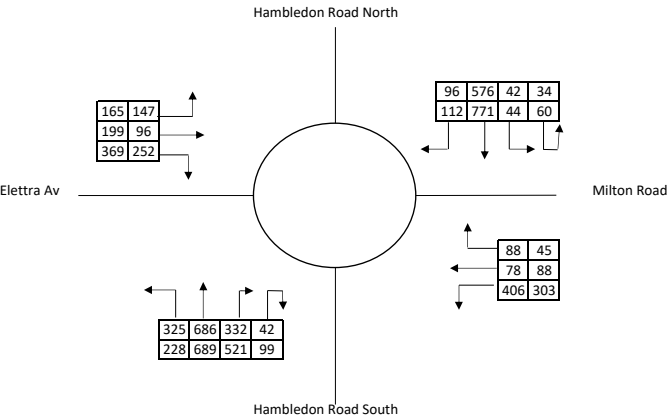
Heavies
Friday (08:15-09:15 and 16:45-17:45)



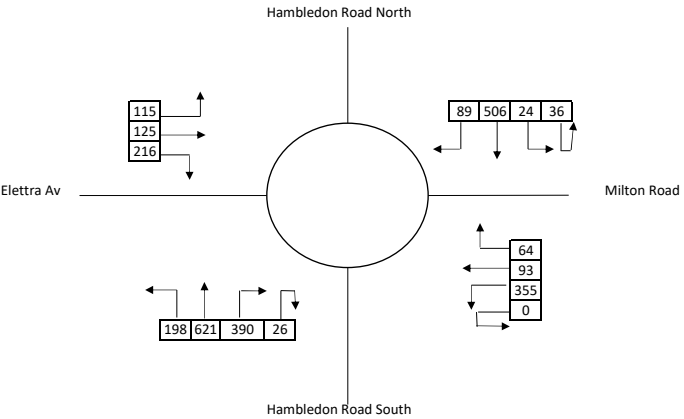
Saturday (11:30-12:30)



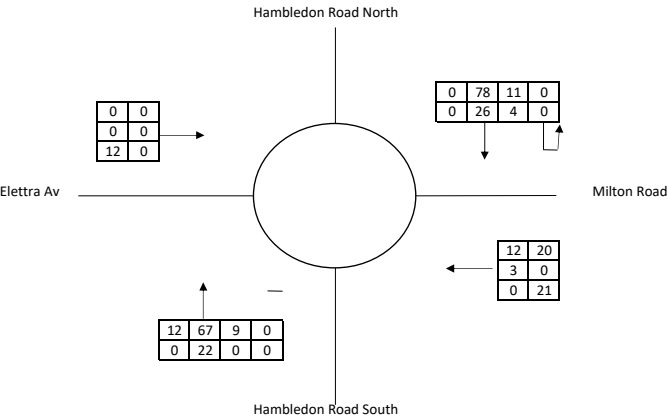
PCUs
Friday (08:15-09:15 and 16:45-17:45)



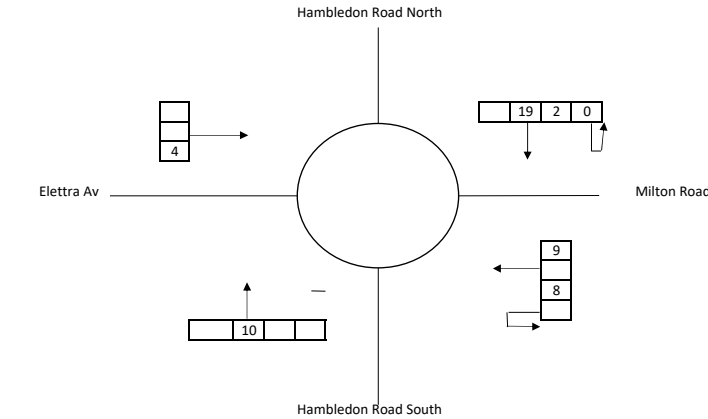
Saturday (11:30-12:30)



Committed - MDA
Friday

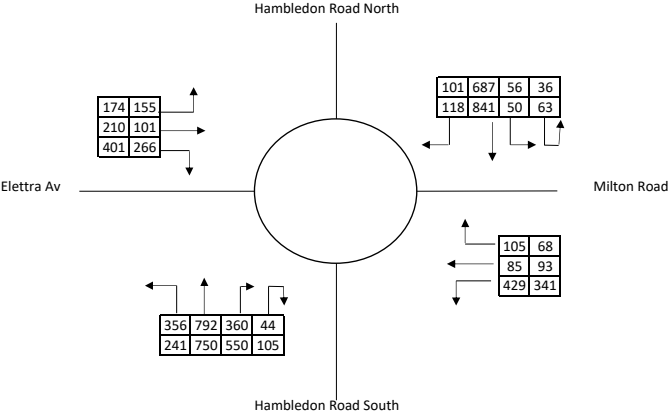


Committed - MDA
Saturday

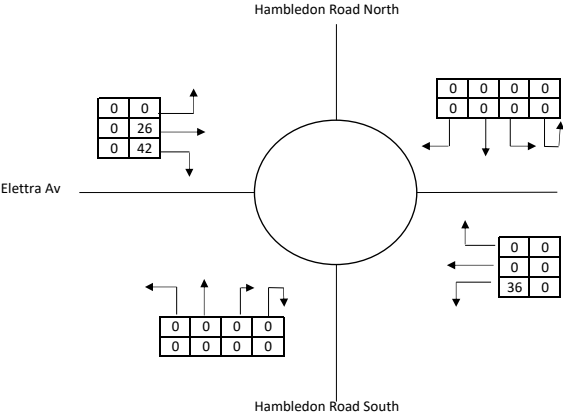


2029 Base
Friday

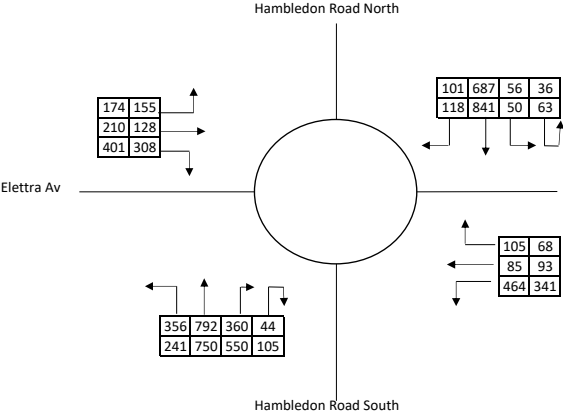
AM 1.0568
PM 1.0559



Development Flows - Full
Friday

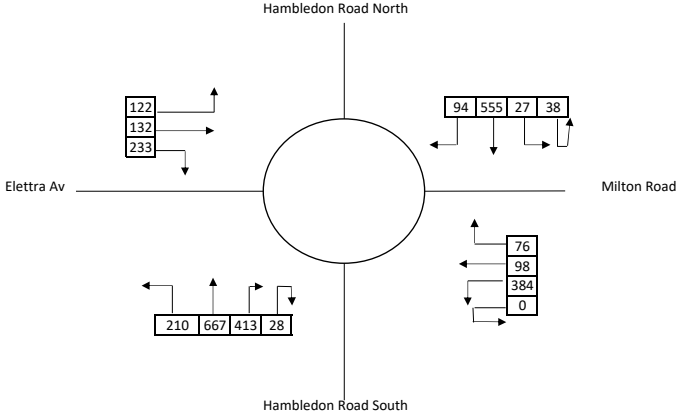


2029 Base + Development
Friday

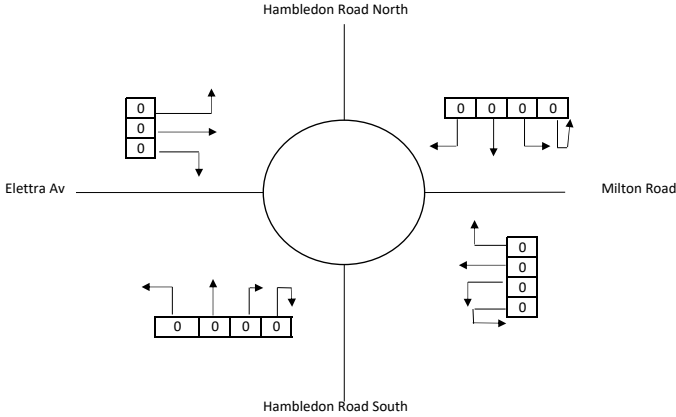


2029 Base
Saturday

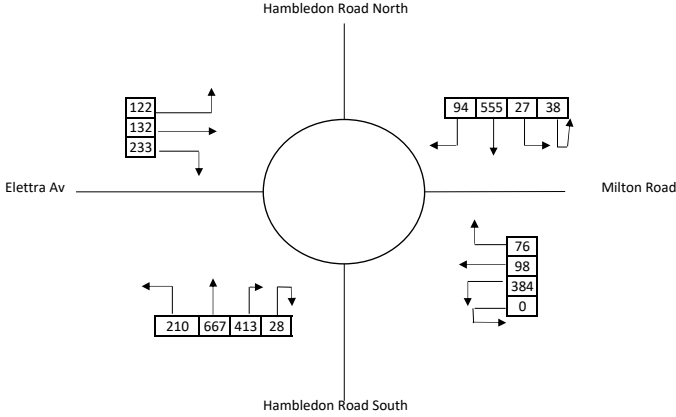
1.0589



Development Flows Full
Saturday



2029 Base + Development
Saturday



APPENDIX F

Junctions 10											
ARCADY 10 - Roundabout Module											
Version: 10.0.4.1693											
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+44 (0)1344 379777 software@trl.co.uk trlsoftware.com											
The users of this computer program for the solution of an engineering problem are in no way relieved of their responsibility for the correctness of the solution											

Filename: Site Access_Elettra Avenue Roundabout_Rev A.j10

Path: P:\23000's\23520\Junction Assessments 2024

Report generation date: 05/09/2024 16:12:03

- »(Default Analysis Set) - 2024 Base, AM
- »(Default Analysis Set) - 2024 Base, PM
- »(Default Analysis Set) - 2024 Base, Sat
- »(Default Analysis Set) - 2029 Base, AM
- »(Default Analysis Set) - 2029 Base, PM
- »(Default Analysis Set) - 2029 Base, Sat
- »(Default Analysis Set) - 2029 Base + Dev, AM
- »(Default Analysis Set) - 2029 Base + Dev, PM
- »(Default Analysis Set) - 2029 Base + Dev, Sat

Summary of junction performance

	AM				PM				Sat			
	Queue (PCU)	Delay (s)	RFC	LOS	Queue (PCU)	Delay (s)	RFC	LOS	Queue (PCU)	Delay (s)	RFC	LOS
A1 - 2024 Base												
1 - Elettra Av (east)	0.5	2.69	0.32	A	0.3	2.39	0.23	A	0.2	2.28	0.19	A
2 - Site Access	0.3	4.21	0.23	A	0.3	3.95	0.25	A	0.4	3.85	0.26	A
3 - Elettra Av (west)	0.0	2.40	0.03	A	0.1	2.37	0.08	A	0.0	2.16	0.02	A
4 - Waterberry Drive	0.2	2.61	0.15	A	0.3	3.05	0.26	A	0.1	2.50	0.12	A
A1 - 2029 Base												
1 - Elettra Av (east)	0.5	2.72	0.32	A	0.5	2.80	0.34	A	0.2	2.28	0.20	A
2 - Site Access	0.3	4.25	0.23	A	0.4	4.54	0.28	A	0.4	3.86	0.26	A
3 - Elettra Av (west)	0.0	2.42	0.03	A	0.1	2.57	0.09	A	0.0	2.16	0.02	A
4 - Waterberry Drive	0.2	2.63	0.15	A	0.4	3.10	0.27	A	0.1	2.51	0.13	A
A1 - 2029 Base + Dev												
1 - Elettra Av (east)	0.7	3.11	0.41	A	0.5	2.83	0.35	A	0.5	2.78	0.34	A
2 - Site Access	0.5	4.86	0.33	A	0.9	5.62	0.47	A	0.9	5.53	0.49	A
3 - Elettra Av (west)	0.0	2.54	0.04	A	0.1	2.73	0.10	A	0.0	2.45	0.02	A
4 - Waterberry Drive	0.2	2.77	0.16	A	0.4	3.68	0.30	A	0.2	2.91	0.14	A

There are warnings associated with one or more model runs - see the 'Data Errors and Warnings' tables for each Analysis or Demand Set.

Values shown are the highest values encountered over all time segments. Delay is the maximum value of average delay per arriving vehicle.

File summary

File Description

Title	Site Access_Elettra Avenue_Waterberry Drive
Location	waterlooville
Site number	
Date	14/06/2017
Version	
Status	(new file)
Identifier	
Client	
Jobnumber	17144
Enumerator	DTA\arcady
Description	

Units

Distance units	Speed units	Traffic units input	Traffic units results	Flow units	Average delay units	Total delay units	Rate of delay units
m	kph	PCU	PCU	perHour	s	-Min	perMin

Analysis Options

Vehicle length (m)	Calculate Queue Percentiles	Calculate detailed queueing delay	Show lane queues in feet / metres	Show all PICADY stream intercepts	Calculate residual capacity	RFC Threshold	Average Delay threshold (s)	Queue threshold (PCU)	Use iterations with HCM roundabouts	Max number of iterations for roundabouts
5.75						0.85	36.00	20.00		500

Demand Set Summary

ID	Scenario name	Time Period name	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)	Run automatically
D5	2024 Base	AM	ONE HOUR	08:00	09:30	15	✓
D6	2024 Base	PM	ONE HOUR	17:00	18:30	15	✓
D9	2024 Base	Sat	ONE HOUR	12:30	14:00	15	✓
D10	2029 Base	AM	ONE HOUR	08:00	09:30	15	✓
D11	2029 Base	PM	ONE HOUR	17:00	18:30	15	✓
D12	2029 Base	Sat	ONE HOUR	12:30	14:00	15	✓
D16	2029 Base + Dev	AM	ONE HOUR	08:00	09:30	15	✓
D17	2029 Base + Dev	PM	ONE HOUR	17:00	18:30	15	✓
D18	2029 Base + Dev	Sat	ONE HOUR	12:30	14:00	15	✓

Analysis Set Details

ID	Name	Include in report	Network flow scaling factor (%)	Network capacity scaling factor (%)
A1	(Default Analysis Set)	✓	100.000	100.000

(Default Analysis Set) - 2024 Base, AM

Data Errors and Warnings

Severity	Area	Item	Description
Warning	Geometry	1 - Elettra Av (east) - Roundabout Geometry	Effective flare length is over 30m, which is outside the normal range. Treat capacities with increasing caution.

Junction Network

Junctions

Junction	Name	Junction type	Use circulating lanes	Arm order	Junction Delay (s)	Junction LOS
1	(untitled)	Standard Roundabout		1, 2, 3, 4	2.98	A

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	2.98	A

Arms

Arms

Arm	Name	Description	No give-way line
1	Elettra Av (east)		
2	Site Access		
3	Elettra Av (west)		
4	Waterberry Drive		

Roundabout Geometry

Arm	V - Approach road half-width (m)	E - Entry width (m)	I' - Effective flare length (m)	R - Entry radius (m)	D - Inscribed circle diameter (m)	PHI - Conflict (entry) angle (deg)	Entry only	Exit only
1 - Elettra Av (east)	3.00	7.40	41.5	25.7	44.0	19.5		
2 - Site Access	3.50	4.50	11.1	20.0	44.0	24.0		
3 - Elettra Av (west)	3.60	7.30	27.9	28.5	44.0	15.5		
4 - Waterberry Drive	3.76	7.50	13.4	55.4	44.0	11.5		

Slope / Intercept / Capacity

Roundabout Slope and Intercept used in model

Arm	Final slope	Final intercept (PCU/hr)
1 - Elettra Av (east)	0.703	1994
2 - Site Access	0.563	1323
3 - Elettra Av (west)	0.709	2000
4 - Waterberry Drive	0.699	1903

The slope and intercept shown above include any corrections and adjustments.

Traffic Demand

Demand Set Details

ID	Scenario name	Time Period name	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)	Run automatically
D5	2024 Base	AM	ONE HOUR	08:00	09:30	15	✓

Vehicle mix varies over turn	Vehicle mix varies over entry	Vehicle mix source	PCU Factor for a HV (PCU)
✓	✓	HV Percentages	2.00

Demand overview (Traffic)

Arm	Linked arm	Profile type	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
1 - Elettra Av (east)		ONE HOUR	✓	567	100.000
2 - Site Access		ONE HOUR	✓	230	100.000
3 - Elettra Av (west)		ONE HOUR	✓	47	100.000
4 - Waterberry Drive		ONE HOUR	✓	229	100.000

Origin-Destination Data

Demand (PCU/hr)

	To				
From		1 - Elettra Av (east)	2 - Site Access	3 - Elettra Av (west)	4 - Waterberry Drive
	1 - Elettra Av (east)	2	227	59	279
	2 - Site Access	210	0	3	17
	3 - Elettra Av (west)	42	2	0	3
	4 - Waterberry Drive	203	21	4	1

Vehicle Mix

Heavy Vehicle Percentages

	To				
From		1 - Elettra Av (east)	2 - Site Access	3 - Elettra Av (west)	4 - Waterberry Drive
	1 - Elettra Av (east)	0	0	2	1
	2 - Site Access	0	0	0	0
	3 - Elettra Av (west)	4	0	0	0
	4 - Waterberry Drive	6	0	0	0

Results

Results Summary for whole modelled period

Arm	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/hr)	Total Junction Arrivals (PCU)
1 - Elettra Av (east)	0.32	2.69	0.5	A	520	780
2 - Site Access	0.23	4.21	0.3	A	211	317
3 - Elettra Av (west)	0.03	2.40	0.0	A	43	65
4 - Waterberry Drive	0.15	2.61	0.2	A	210	315

Main Results for each time segment

08:00 - 08:15

Arm	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Throughput (exit side) (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
1 - Elettra Av (east)	427	107	21	1980	0.216	426	343	0.0	0.3	2.332	A
2 - Site Access	173	43	259	1177	0.147	172	188	0.0	0.2	3.583	A
3 - Elettra Av (west)	35	9	382	1729	0.020	35	50	0.0	0.0	2.201	A
4 - Waterberry Drive	172	43	192	1769	0.097	172	225	0.0	0.1	2.374	A

08:15 - 08:30

Arm	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Throughput (exit side) (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
1 - Elettra Av (east)	510	127	25	1977	0.258	509	411	0.3	0.3	2.470	A
2 - Site Access	207	52	310	1148	0.180	207	225	0.2	0.2	3.823	A
3 - Elettra Av (west)	42	11	457	1675	0.025	42	59	0.0	0.0	2.282	A
4 - Waterberry Drive	206	51	230	1742	0.118	206	270	0.1	0.1	2.466	A

08:30 - 08:45

Arm	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Throughput (exit side) (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
1 - Elettra Av (east)	624	156	31	1973	0.316	624	503	0.3	0.5	2.687	A
2 - Site Access	253	63	380	1109	0.228	253	275	0.2	0.3	4.205	A
3 - Elettra Av (west)	52	13	560	1603	0.032	52	73	0.0	0.0	2.403	A
4 - Waterberry Drive	252	63	282	1706	0.148	252	330	0.1	0.2	2.606	A

08:45 - 09:00

Arm	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Throughput (exit side) (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
1 - Elettra Av (east)	624	156	31	1973	0.316	624	503	0.5	0.5	2.687	A
2 - Site Access	253	63	380	1109	0.228	253	275	0.3	0.3	4.208	A
3 - Elettra Av (west)	52	13	560	1602	0.032	52	73	0.0	0.0	2.403	A
4 - Waterberry Drive	252	63	282	1706	0.148	252	330	0.2	0.2	2.606	A

09:00 - 09:15

Arm	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Throughput (exit side) (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
1 - Elettra Av (east)	510	127	25	1977	0.258	510	411	0.5	0.4	2.472	A
2 - Site Access	207	52	310	1148	0.180	207	225	0.3	0.2	3.827	A
3 - Elettra Av (west)	42	11	458	1675	0.025	42	59	0.0	0.0	2.285	A
4 - Waterberry Drive	206	51	230	1742	0.118	206	270	0.2	0.1	2.467	A

09:15 - 09:30

Arm	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Throughput (exit side) (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
1 - Elettra Av (east)	427	107	21	1980	0.216	427	344	0.4	0.3	2.336	A
2 - Site Access	173	43	260	1176	0.147	173	188	0.2	0.2	3.592	A
3 - Elettra Av (west)	35	9	384	1728	0.020	35	50	0.0	0.0	2.202	A
4 - Waterberry Drive	172	43	193	1768	0.098	173	226	0.1	0.1	2.375	A

(Default Analysis Set) - 2024 Base, PM

Data Errors and Warnings

Severity	Area	Item	Description
Warning	Geometry	1 - Elettra Av (east) - Roundabout Geometry	Effective flare length is over 30m, which is outside the normal range. Treat capacities with increasing caution.

Junction Network

Junctions

Junction	Name	Junction type	Use circulating lanes	Arm order	Junction Delay (s)	Junction LOS
1	(untitled)	Standard Roundabout		1, 2, 3, 4	2.96	A

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	2.96	A

Traffic Demand

Demand Set Details

ID	Scenario name	Time Period name	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)	Run automatically
D6	2024 Base	PM	ONE HOUR	17:00	18:30	15	✓

Vehicle mix varies over turn	Vehicle mix varies over entry	Vehicle mix source	PCU Factor for a HV (PCU)
✓	✓	HV Percentages	2.00

Demand overview (Traffic)

Arm	Linked arm	Profile type	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
1 - Elettra Av (east)		ONE HOUR	✓	411	100.000
2 - Site Access		ONE HOUR	✓	276	100.000
3 - Elettra Av (west)		ONE HOUR	✓	128	100.000
4 - Waterberry Drive		ONE HOUR	✓	373	100.000

Origin-Destination Data

Demand (PCU/hr)

	To				
From		1 - Elettra Av (east)	2 - Site Access	3 - Elettra Av (west)	4 - Waterberry Drive
	1 - Elettra Av (east)	2	247	14	148
	2 - Site Access	262	0	8	6
	3 - Elettra Av (west)	124	2	1	1
	4 - Waterberry Drive	344	21	6	2

Vehicle Mix

Heavy Vehicle Percentages

	To				
From		1 - Elettra Av (east)	2 - Site Access	3 - Elettra Av (west)	4 - Waterberry Drive
	1 - Elettra Av (east)	0	0	7	2
	2 - Site Access	0	0	0	0
	3 - Elettra Av (west)	1	0	0	0
	4 - Waterberry Drive	1	0	0	0

Results

Results Summary for whole modelled period

Am	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/hr)	Total Junction Arrivals (PCU)
1 - Elettra Av (east)	0.23	2.39	0.3	A	377	566
2 - Site Access	0.25	3.95	0.3	A	253	380
3 - Elettra Av (west)	0.08	2.37	0.1	A	117	176
4 - Waterberry Drive	0.26	3.05	0.3	A	342	513

Main Results for each time segment

17:00 - 17:15

Am	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Throughput (exit side) (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
1 - Elettra Av (east)	309	77	24	1978	0.156	309	549	0.0	0.2	2.176	A
2 - Site Access	208	52	130	1249	0.166	207	203	0.0	0.2	3.452	A
3 - Elettra Av (west)	96	24	315	1776	0.054	96	22	0.0	0.1	2.163	A
4 - Waterberry Drive	281	70	293	1698	0.165	280	118	0.0	0.2	2.561	A

17:15 - 17:30

Am	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Throughput (exit side) (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
1 - Elettra Av (east)	369	92	29	1974	0.187	369	658	0.2	0.2	2.263	A
2 - Site Access	248	62	155	1235	0.201	248	243	0.2	0.3	3.646	A
3 - Elettra Av (west)	115	29	377	1732	0.066	115	26	0.1	0.1	2.247	A
4 - Waterberry Drive	335	84	351	1657	0.202	335	141	0.2	0.3	2.747	A

17:30 - 17:45

Am	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Throughput (exit side) (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
1 - Elettra Av (east)	453	113	35	1970	0.230	452	805	0.2	0.3	2.394	A
2 - Site Access	304	76	190	1215	0.250	304	297	0.3	0.3	3.947	A
3 - Elettra Av (west)	141	35	462	1672	0.084	141	32	0.1	0.1	2.373	A
4 - Waterberry Drive	411	103	430	1602	0.256	410	173	0.3	0.3	3.048	A

17:45 - 18:00

Am	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Throughput (exit side) (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
1 - Elettra Av (east)	453	113	35	1970	0.230	453	806	0.3	0.3	2.394	A
2 - Site Access	304	76	190	1215	0.250	304	297	0.3	0.3	3.949	A
3 - Elettra Av (west)	141	35	462	1672	0.084	141	32	0.1	0.1	2.373	A
4 - Waterberry Drive	411	103	430	1602	0.256	411	173	0.3	0.3	3.049	A

18:00 - 18:15

Am	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Throughput (exit side) (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
1 - Elettra Av (east)	369	92	29	1974	0.187	370	659	0.3	0.2	2.264	A
2 - Site Access	248	62	156	1235	0.201	248	243	0.3	0.3	3.649	A
3 - Elettra Av (west)	115	29	378	1732	0.066	115	26	0.1	0.1	2.250	A
4 - Waterberry Drive	335	84	352	1657	0.202	336	141	0.3	0.3	2.750	A

18:15 - 18:30

Am	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Throughput (exit side) (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
1 - Elettra Av (east)	309	77	24	1978	0.156	310	552	0.2	0.2	2.180	A
2 - Site Access	208	52	130	1249	0.166	208	203	0.3	0.2	3.457	A
3 - Elettra Av (west)	96	24	316	1775	0.054	96	22	0.1	0.1	2.164	A
4 - Waterberry Drive	281	70	295	1697	0.166	281	118	0.3	0.2	2.568	A

(Default Analysis Set) - 2024 Base, Sat

Data Errors and Warnings

Severity	Area	Item	Description
Warning	Geometry	1 - Elettra Av (east) - Roundabout Geometry	Effective flare length is over 30m, which is outside the normal range. Treat capacities with increasing caution.

Junction Network

Junctions

Junction	Name	Junction type	Use circulating lanes	Arm order	Junction Delay (s)	Junction LOS
1	(untitled)	Standard Roundabout		1, 2, 3, 4	2.87	A

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	2.87	A

Traffic Demand

Demand Set Details

ID	Scenario name	Time Period name	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)	Run automatically
D9	2024 Base	Sat	ONE HOUR	12:30	14:00	15	✓

Vehicle mix varies over turn	Vehicle mix varies over entry	Vehicle mix source	PCU Factor for a HV (PCU)
✓	✓	HV Percentages	2.00

Demand overview (Traffic)

Arm	Linked arm	Profile type	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
1 - Elettra Av (east)		ONE HOUR	✓	349	100.000
2 - Site Access		ONE HOUR	✓	301	100.000
3 - Elettra Av (west)		ONE HOUR	✓	24	100.000
4 - Waterberry Drive		ONE HOUR	✓	183	100.000

Origin-Destination Data

Demand (PCU/hr)

	To				
From		1 - Elettra Av (east)	2 - Site Access	3 - Elettra Av (west)	4 - Waterberry Drive
	1 - Elettra Av (east)	5	262	12	70
	2 - Site Access	292	0	5	4
	3 - Elettra Av (west)	21	3	0	0
	4 - Waterberry Drive	161	20	2	0

Vehicle Mix

Heavy Vehicle Percentages

	To				
From		1 - Elettra Av (east)	2 - Site Access	3 - Elettra Av (west)	4 - Waterberry Drive
	1 - Elettra Av (east)	0	0	7	2
	2 - Site Access	0	0	0	0
	3 - Elettra Av (west)	1	0	0	0
	4 - Waterberry Drive	1	0	0	0

Results

Results Summary for whole modelled period

Am	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/hr)	Total Junction Arrivals (PCU)
1 - Elettra Av (east)	0.19	2.28	0.2	A	320	480
2 - Site Access	0.26	3.85	0.4	A	276	414
3 - Elettra Av (west)	0.02	2.16	0.0	A	22	33
4 - Waterberry Drive	0.12	2.50	0.1	A	168	252

Main Results for each time segment

12:30 - 12:45

Am	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Throughput (exit side) (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
1 - Elettra Av (east)	263	66	19	1981	0.133	262	359	0.0	0.2	2.107	A
2 - Site Access	227	57	67	1285	0.176	226	214	0.0	0.2	3.395	A
3 - Elettra Av (west)	18	5	278	1802	0.010	18	14	0.0	0.0	2.034	A
4 - Waterberry Drive	138	34	241	1734	0.079	137	56	0.0	0.1	2.274	A

12:45 - 13:00

Am	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Throughput (exit side) (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
1 - Elettra Av (east)	314	78	22	1979	0.159	314	430	0.2	0.2	2.175	A
2 - Site Access	271	68	80	1278	0.212	270	256	0.2	0.3	3.574	A
3 - Elettra Av (west)	22	5	333	1763	0.012	22	17	0.0	0.0	2.084	A
4 - Waterberry Drive	165	41	288	1701	0.097	164	66	0.1	0.1	2.362	A

13:00 - 13:15

Am	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Throughput (exit side) (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
1 - Elettra Av (east)	384	96	28	1975	0.195	384	527	0.2	0.2	2.276	A
2 - Site Access	331	83	98	1267	0.261	331	314	0.3	0.4	3.844	A
3 - Elettra Av (west)	26	7	408	1710	0.015	26	21	0.0	0.0	2.156	A
4 - Waterberry Drive	201	50	353	1656	0.122	201	81	0.1	0.1	2.496	A

13:15 - 13:30

Am	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Throughput (exit side) (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
1 - Elettra Av (east)	384	96	28	1975	0.195	384	527	0.2	0.2	2.276	A
2 - Site Access	331	83	98	1267	0.261	331	314	0.4	0.4	3.845	A
3 - Elettra Av (west)	26	7	408	1710	0.015	26	21	0.0	0.0	2.156	A
4 - Waterberry Drive	201	50	353	1656	0.122	201	81	0.1	0.1	2.496	A

13:30 - 13:45

Am	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Throughput (exit side) (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
1 - Elettra Av (east)	314	78	22	1979	0.159	314	431	0.2	0.2	2.177	A
2 - Site Access	271	68	80	1277	0.212	271	256	0.4	0.3	3.576	A
3 - Elettra Av (west)	22	5	334	1763	0.012	22	17	0.0	0.0	2.085	A
4 - Waterberry Drive	165	41	289	1701	0.097	165	67	0.1	0.1	2.363	A

13:45 - 14:00

Am	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Throughput (exit side) (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
1 - Elettra Av (east)	263	66	19	1981	0.133	263	361	0.2	0.2	2.109	A
2 - Site Access	227	57	67	1285	0.176	227	215	0.3	0.2	3.402	A
3 - Elettra Av (west)	18	5	280	1801	0.010	18	14	0.0	0.0	2.037	A
4 - Waterberry Drive	138	34	242	1734	0.079	138	56	0.1	0.1	2.275	A

(Default Analysis Set) - 2029 Base, AM

Data Errors and Warnings

Severity	Area	Item	Description
Warning	Geometry	1 - Elettra Av (east) - Roundabout Geometry	Effective flare length is over 30m, which is outside the normal range. Treat capacities with increasing caution.

Junction Network

Junctions

Junction	Name	Junction type	Use circulating lanes	Arm order	Junction Delay (s)	Junction LOS
1	(untitled)	Standard Roundabout		1, 2, 3, 4	3.01	A

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	3.01	A

Traffic Demand

Demand Set Details

ID	Scenario name	Time Period name	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)	Run automatically
D10	2029 Base	AM	ONE HOUR	08:00	09:30	15	✓

Vehicle mix varies over turn	Vehicle mix varies over entry	Vehicle mix source	PCU Factor for a HV (PCU)
✓	✓	HV Percentages	2.00

Demand overview (Traffic)

Arm	Linked arm	Profile type	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
1 - Elettra Av (east)		ONE HOUR	✓	582	100.000
2 - Site Access		ONE HOUR	✓	230	100.000
3 - Elettra Av (west)		ONE HOUR	✓	49	100.000
4 - Waterberry Drive		ONE HOUR	✓	238	100.000

Origin-Destination Data

Demand (PCU/hr)

	To				
From		1 - Elettra Av (east)	2 - Site Access	3 - Elettra Av (west)	4 - Waterberry Drive
	1 - Elettra Av (east)	2	227	62	291
	2 - Site Access	210	0	3	17
	3 - Elettra Av (west)	44	2	0	3
	4 - Waterberry Drive	212	21	4	1

Vehicle Mix

Heavy Vehicle Percentages

	To				
From		1 - Elettra Av (east)	2 - Site Access	3 - Elettra Av (west)	4 - Waterberry Drive
	1 - Elettra Av (east)	0	0	2	1
	2 - Site Access	0	0	0	0
	3 - Elettra Av (west)	4	0	0	0
	4 - Waterberry Drive	6	0	0	0

Results

Results Summary for whole modelled period

Am	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/hr)	Total Junction Arrivals (PCU)
1 - Elettra Av (east)	0.32	2.72	0.5	A	534	801
2 - Site Access	0.23	4.25	0.3	A	211	317
3 - Elettra Av (west)	0.03	2.42	0.0	A	45	67
4 - Waterberry Drive	0.15	2.63	0.2	A	218	328

Main Results for each time segment

08:00 - 08:15

Am	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Throughput (exit side) (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
1 - Elettra Av (east)	438	110	21	1980	0.221	437	351	0.0	0.3	2.349	A
2 - Site Access	173	43	270	1170	0.148	172	188	0.0	0.2	3.606	A
3 - Elettra Av (west)	37	9	391	1722	0.021	37	52	0.0	0.0	2.211	A
4 - Waterberry Drive	179	45	194	1768	0.101	179	234	0.0	0.1	2.386	A

08:15 - 08:30

Am	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Throughput (exit side) (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
1 - Elettra Av (east)	523	131	25	1977	0.265	523	420	0.3	0.4	2.493	A
2 - Site Access	207	52	323	1140	0.181	207	225	0.2	0.2	3.854	A
3 - Elettra Av (west)	44	11	468	1668	0.026	44	62	0.0	0.0	2.295	A
4 - Waterberry Drive	214	53	232	1741	0.123	214	280	0.1	0.1	2.482	A

08:30 - 08:45

Am	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Throughput (exit side) (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
1 - Elettra Av (east)	641	160	31	1973	0.325	640	515	0.4	0.5	2.721	A
2 - Site Access	253	63	396	1100	0.230	253	275	0.2	0.3	4.251	A
3 - Elettra Av (west)	54	13	573	1593	0.034	54	76	0.0	0.0	2.421	A
4 - Waterberry Drive	262	66	284	1704	0.154	262	343	0.1	0.2	2.627	A

08:45 - 09:00

Am	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Throughput (exit side) (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
1 - Elettra Av (east)	641	160	31	1973	0.325	641	515	0.5	0.5	2.721	A
2 - Site Access	253	63	396	1099	0.230	253	275	0.3	0.3	4.254	A
3 - Elettra Av (west)	54	13	574	1593	0.034	54	76	0.0	0.0	2.422	A
4 - Waterberry Drive	262	66	284	1704	0.154	262	344	0.2	0.2	2.628	A

09:00 - 09:15

Am	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Throughput (exit side) (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
1 - Elettra Av (east)	523	131	25	1977	0.265	524	421	0.5	0.4	2.497	A
2 - Site Access	207	52	324	1140	0.181	207	225	0.3	0.2	3.859	A
3 - Elettra Av (west)	44	11	469	1667	0.026	44	62	0.0	0.0	2.298	A
4 - Waterberry Drive	214	53	232	1740	0.123	214	281	0.2	0.1	2.485	A

09:15 - 09:30

Am	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Throughput (exit side) (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
1 - Elettra Av (east)	438	110	21	1980	0.221	438	353	0.4	0.3	2.352	A
2 - Site Access	173	43	271	1170	0.148	173	188	0.2	0.2	3.615	A
3 - Elettra Av (west)	37	9	393	1721	0.021	37	52	0.0	0.0	2.215	A
4 - Waterberry Drive	179	45	194	1767	0.101	179	235	0.1	0.1	2.389	A

(Default Analysis Set) - 2029 Base, PM

Data Errors and Warnings

Severity	Area	Item	Description
Warning	Geometry	1 - Elettra Av (east) - Roundabout Geometry	Effective flare length is over 30m, which is outside the normal range. Treat capacities with increasing caution.

Junction Network

Junctions

Junction	Name	Junction type	Use circulating lanes	Arm order	Junction Delay (s)	Junction LOS
1	(untitled)	Standard Roundabout		1, 2, 3, 4	3.20	A

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	3.20	A

Traffic Demand

Demand Set Details

ID	Scenario name	Time Period name	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)	Run automatically
D11	2029 Base	PM	ONE HOUR	17:00	18:30	15	✓

Vehicle mix varies over turn	Vehicle mix varies over entry	Vehicle mix source	PCU Factor for a HV (PCU)
✓	✓	HV Percentages	2.00

Demand overview (Traffic)

Arm	Linked arm	Profile type	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
1 - Elettra Av (east)		ONE HOUR	✓	602	100.000
2 - Site Access		ONE HOUR	✓	276	100.000
3 - Elettra Av (west)		ONE HOUR	✓	133	100.000
4 - Waterberry Drive		ONE HOUR	✓	388	100.000

Origin-Destination Data

Demand (PCU/hr)

	To				
From		1 - Elettra Av (east)	2 - Site Access	3 - Elettra Av (west)	4 - Waterberry Drive
	1 - Elettra Av (east)	2	247	62	291
	2 - Site Access	262	0	8	6
	3 - Elettra Av (west)	129	2	1	1
	4 - Waterberry Drive	359	21	6	2

Vehicle Mix

Heavy Vehicle Percentages

	To				
From		1 - Elettra Av (east)	2 - Site Access	3 - Elettra Av (west)	4 - Waterberry Drive
	1 - Elettra Av (east)	0	0	7	2
	2 - Site Access	0	0	0	0
	3 - Elettra Av (west)	1	0	0	0
	4 - Waterberry Drive	1	0	0	0

Results

Results Summary for whole modelled period

Am	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/hr)	Total Junction Arrivals (PCU)
1 - Elettra Av (east)	0.34	2.80	0.5	A	552	829
2 - Site Access	0.28	4.54	0.4	A	253	380
3 - Elettra Av (west)	0.09	2.57	0.1	A	122	183
4 - Waterberry Drive	0.27	3.10	0.4	A	356	534

Main Results for each time segment

17:00 - 17:15

Am	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Throughput (exit side) (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
1 - Elettra Av (east)	453	113	24	1978	0.229	452	564	0.0	0.3	2.395	A
2 - Site Access	208	52	273	1169	0.178	207	203	0.0	0.2	3.739	A
3 - Elettra Av (west)	100	25	422	1700	0.059	100	58	0.0	0.1	2.271	A
4 - Waterberry Drive	292	73	297	1695	0.172	291	225	0.0	0.2	2.587	A

17:15 - 17:30

Am	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Throughput (exit side) (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
1 - Elettra Av (east)	541	135	29	1974	0.274	541	676	0.3	0.4	2.552	A
2 - Site Access	248	62	327	1138	0.218	248	243	0.2	0.3	4.041	A
3 - Elettra Av (west)	120	30	506	1641	0.073	119	69	0.1	0.1	2.388	A
4 - Waterberry Drive	349	87	356	1654	0.211	349	270	0.2	0.3	2.782	A

17:30 - 17:45

Am	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Throughput (exit side) (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
1 - Elettra Av (east)	663	166	35	1970	0.337	662	827	0.4	0.5	2.797	A
2 - Site Access	304	76	400	1097	0.277	303	297	0.3	0.4	4.534	A
3 - Elettra Av (west)	146	37	619	1561	0.094	146	85	0.1	0.1	2.569	A
4 - Waterberry Drive	427	107	436	1598	0.267	427	330	0.3	0.4	3.101	A

17:45 - 18:00

Am	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Throughput (exit side) (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
1 - Elettra Av (east)	663	166	35	1970	0.337	663	828	0.5	0.5	2.799	A
2 - Site Access	304	76	401	1097	0.277	304	297	0.4	0.4	4.539	A
3 - Elettra Av (west)	146	37	620	1560	0.094	146	85	0.1	0.1	2.570	A
4 - Waterberry Drive	427	107	436	1598	0.267	427	330	0.4	0.4	3.102	A

18:00 - 18:15

Am	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Throughput (exit side) (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
1 - Elettra Av (east)	541	135	29	1974	0.274	542	677	0.5	0.4	2.556	A
2 - Site Access	248	62	328	1138	0.218	249	243	0.4	0.3	4.049	A
3 - Elettra Av (west)	120	30	507	1640	0.073	120	69	0.1	0.1	2.391	A
4 - Waterberry Drive	349	87	356	1654	0.211	349	270	0.4	0.3	2.787	A

18:15 - 18:30

Am	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Throughput (exit side) (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
1 - Elettra Av (east)	453	113	24	1978	0.229	454	567	0.4	0.3	2.403	A
2 - Site Access	208	52	274	1168	0.178	208	203	0.3	0.2	3.752	A
3 - Elettra Av (west)	100	25	424	1699	0.059	100	58	0.1	0.1	2.275	A
4 - Waterberry Drive	292	73	298	1694	0.172	292	226	0.3	0.2	2.591	A

(Default Analysis Set) - 2029 Base, Sat

Data Errors and Warnings

Severity	Area	Item	Description
Warning	Geometry	1 - Elettra Av (east) - Roundabout Geometry	Effective flare length is over 30m, which is outside the normal range. Treat capacities with increasing caution.

Junction Network

Junctions

Junction	Name	Junction type	Use circulating lanes	Arm order	Junction Delay (s)	Junction LOS
1	(untitled)	Standard Roundabout		1, 2, 3, 4	2.87	A

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	2.87	A

Traffic Demand

Demand Set Details

ID	Scenario name	Time Period name	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)	Run automatically
D12	2029 Base	Sat	ONE HOUR	12:30	14:00	15	✓

Vehicle mix varies over turn	Vehicle mix varies over entry	Vehicle mix source	PCU Factor for a HV (PCU)
✓	✓	HV Percentages	2.00

Demand overview (Traffic)

Arm	Linked arm	Profile type	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
1 - Elettra Av (east)		ONE HOUR	✓	353	100.000
2 - Site Access		ONE HOUR	✓	301	100.000
3 - Elettra Av (west)		ONE HOUR	✓	25	100.000
4 - Waterberry Drive		ONE HOUR	✓	190	100.000

Origin-Destination Data

Demand (PCU/hr)

	To				
From		1 - Elettra Av (east)	2 - Site Access	3 - Elettra Av (west)	4 - Waterberry Drive
	1 - Elettra Av (east)	5	262	13	73
	2 - Site Access	292	0	5	4
	3 - Elettra Av (west)	22	3	0	0
	4 - Waterberry Drive	168	20	2	0

Vehicle Mix

Heavy Vehicle Percentages

	To				
From		1 - Elettra Av (east)	2 - Site Access	3 - Elettra Av (west)	4 - Waterberry Drive
	1 - Elettra Av (east)	0	0	7	2
	2 - Site Access	0	0	0	0
	3 - Elettra Av (west)	1	0	0	0
	4 - Waterberry Drive	1	0	0	0

Results

Results Summary for whole modelled period

Am	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/hr)	Total Junction Arrivals (PCU)
1 - Elettra Av (east)	0.20	2.28	0.2	A	324	486
2 - Site Access	0.26	3.86	0.4	A	276	414
3 - Elettra Av (west)	0.02	2.16	0.0	A	23	34
4 - Waterberry Drive	0.13	2.51	0.1	A	174	262

Main Results for each time segment

12:30 - 12:45

Am	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Throughput (exit side) (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
1 - Elettra Av (east)	266	66	19	1981	0.134	265	365	0.0	0.2	2.111	A
2 - Site Access	227	57	70	1283	0.177	226	214	0.0	0.2	3.400	A
3 - Elettra Av (west)	19	5	281	1801	0.010	19	15	0.0	0.0	2.037	A
4 - Waterberry Drive	143	36	242	1734	0.083	143	58	0.0	0.1	2.282	A

12:45 - 13:00

Am	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Throughput (exit side) (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
1 - Elettra Av (east)	317	79	22	1979	0.160	317	438	0.2	0.2	2.180	A
2 - Site Access	271	68	84	1276	0.212	270	256	0.2	0.3	3.581	A
3 - Elettra Av (west)	22	6	336	1761	0.013	22	18	0.0	0.0	2.088	A
4 - Waterberry Drive	171	43	289	1701	0.100	171	69	0.1	0.1	2.373	A

13:00 - 13:15

Am	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Throughput (exit side) (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
1 - Elettra Av (east)	389	97	28	1975	0.197	388	536	0.2	0.2	2.283	A
2 - Site Access	331	83	102	1265	0.262	331	314	0.3	0.4	3.854	A
3 - Elettra Av (west)	28	7	411	1708	0.016	28	22	0.0	0.0	2.160	A
4 - Waterberry Drive	209	52	354	1655	0.126	209	85	0.1	0.1	2.511	A

13:15 - 13:30

Am	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Throughput (exit side) (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
1 - Elettra Av (east)	389	97	28	1975	0.197	389	536	0.2	0.2	2.283	A
2 - Site Access	331	83	102	1265	0.262	331	314	0.4	0.4	3.856	A
3 - Elettra Av (west)	28	7	412	1708	0.016	28	22	0.0	0.0	2.161	A
4 - Waterberry Drive	209	52	355	1655	0.126	209	85	0.1	0.1	2.511	A

13:30 - 13:45

Am	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Throughput (exit side) (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
1 - Elettra Av (east)	317	79	22	1979	0.160	318	438	0.2	0.2	2.182	A
2 - Site Access	271	68	84	1275	0.212	271	256	0.4	0.3	3.586	A
3 - Elettra Av (west)	22	6	337	1761	0.013	22	18	0.0	0.0	2.088	A
4 - Waterberry Drive	171	43	290	1700	0.100	171	69	0.1	0.1	2.376	A

13:45 - 14:00

Am	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Throughput (exit side) (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
1 - Elettra Av (east)	266	66	19	1981	0.134	266	367	0.2	0.2	2.112	A
2 - Site Access	227	57	70	1283	0.177	227	215	0.3	0.2	3.410	A
3 - Elettra Av (west)	19	5	282	1800	0.010	19	15	0.0	0.0	2.038	A
4 - Waterberry Drive	143	36	243	1733	0.083	143	58	0.1	0.1	2.283	A

(Default Analysis Set) - 2029 Base + Dev, AM

Data Errors and Warnings

Severity	Area	Item	Description
Warning	Geometry	1 - Elettra Av (east) - Roundabout Geometry	Effective flare length is over 30m, which is outside the normal range. Treat capacities with increasing caution.

Junction Network

Junctions

Junction	Name	Junction type	Use circulating lanes	Arm order	Junction Delay (s)	Junction LOS
1	(untitled)	Standard Roundabout		1, 2, 3, 4	3.45	A

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	3.45	A

Traffic Demand

Demand Set Details

ID	Scenario name	Time Period name	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)	Run automatically
D16	2029 Base + Dev	AM	ONE HOUR	08:00	09:30	15	✓

Vehicle mix varies over turn	Vehicle mix varies over entry	Vehicle mix source	PCU Factor for a HV (PCU)
✓	✓	HV Percentages	2.00

Demand overview (Traffic)

Arm	Linked arm	Profile type	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
1 - Elettra Av (east)		ONE HOUR	✓	735	100.000
2 - Site Access		ONE HOUR	✓	326	100.000
3 - Elettra Av (west)		ONE HOUR	✓	49	100.000
4 - Waterberry Drive		ONE HOUR	✓	237	100.000

Origin-Destination Data

Demand (PCU/hr)

	To				
From		1 - Elettra Av (east)	2 - Site Access	3 - Elettra Av (west)	4 - Waterberry Drive
	1 - Elettra Av (east)	2	380	62	291
	2 - Site Access	306	0	3	17
	3 - Elettra Av (west)	44	2	0	3
	4 - Waterberry Drive	212	21	4	0

Vehicle Mix

Heavy Vehicle Percentages

	To				
From		1 - Elettra Av (east)	2 - Site Access	3 - Elettra Av (west)	4 - Waterberry Drive
	1 - Elettra Av (east)	0	0	2	1
	2 - Site Access	0	0	0	0
	3 - Elettra Av (west)	4	0	0	0
	4 - Waterberry Drive	6	0	0	0

Results

Results Summary for whole modelled period

Am	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/hr)	Total Junction Arrivals (PCU)
1 - Elettra Av (east)	0.41	3.11	0.7	A	674	1012
2 - Site Access	0.33	4.86	0.5	A	299	449
3 - Elettra Av (west)	0.04	2.54	0.0	A	45	67
4 - Waterberry Drive	0.16	2.77	0.2	A	217	326

Main Results for each time segment

08:00 - 08:15

Am	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Throughput (exit side) (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
1 - Elettra Av (east)	553	138	20	1980	0.279	552	423	0.0	0.4	2.532	A
2 - Site Access	245	61	270	1171	0.210	244	303	0.0	0.3	3.882	A
3 - Elettra Av (west)	37	9	462	1672	0.022	37	52	0.0	0.0	2.280	A
4 - Waterberry Drive	178	45	265	1717	0.104	178	233	0.0	0.1	2.463	A

08:15 - 08:30

Am	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Throughput (exit side) (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
1 - Elettra Av (east)	661	165	24	1977	0.334	660	507	0.4	0.5	2.748	A
2 - Site Access	293	73	323	1141	0.257	293	362	0.3	0.3	4.243	A
3 - Elettra Av (west)	44	11	553	1607	0.027	44	62	0.0	0.0	2.384	A
4 - Waterberry Drive	213	53	318	1681	0.127	213	279	0.1	0.2	2.583	A

08:30 - 08:45

Am	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Throughput (exit side) (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
1 - Elettra Av (east)	809	202	30	1974	0.410	808	620	0.5	0.7	3.106	A
2 - Site Access	359	90	395	1100	0.326	358	443	0.3	0.5	4.850	A
3 - Elettra Av (west)	54	13	677	1519	0.036	54	76	0.0	0.0	2.544	A
4 - Waterberry Drive	261	65	389	1631	0.160	261	342	0.2	0.2	2.767	A

08:45 - 09:00

Am	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Throughput (exit side) (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
1 - Elettra Av (east)	809	202	30	1974	0.410	809	621	0.7	0.7	3.108	A
2 - Site Access	359	90	395	1100	0.326	359	444	0.5	0.5	4.857	A
3 - Elettra Av (west)	54	13	678	1519	0.036	54	76	0.0	0.0	2.545	A
4 - Waterberry Drive	261	65	390	1630	0.160	261	342	0.2	0.2	2.768	A

09:00 - 09:15

Am	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Throughput (exit side) (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
1 - Elettra Av (east)	661	165	24	1977	0.334	662	508	0.7	0.5	2.754	A
2 - Site Access	293	73	323	1141	0.257	294	363	0.5	0.3	4.254	A
3 - Elettra Av (west)	44	11	555	1606	0.027	44	62	0.0	0.0	2.386	A
4 - Waterberry Drive	213	53	319	1680	0.127	213	280	0.2	0.2	2.587	A

09:15 - 09:30

Am	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Throughput (exit side) (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
1 - Elettra Av (east)	553	138	20	1980	0.279	554	425	0.5	0.4	2.540	A
2 - Site Access	245	61	270	1170	0.210	246	304	0.3	0.3	3.896	A
3 - Elettra Av (west)	37	9	464	1670	0.022	37	52	0.0	0.0	2.284	A
4 - Waterberry Drive	178	45	267	1716	0.104	179	234	0.2	0.1	2.467	A

(Default Analysis Set) - 2029 Base + Dev, PM

Data Errors and Warnings

Severity	Area	Item	Description
Warning	Geometry	1 - Elettra Av (east) - Roundabout Geometry	Effective flare length is over 30m, which is outside the normal range. Treat capacities with increasing caution.

Junction Network

Junctions

Junction	Name	Junction type	Use circulating lanes	Arm order	Junction Delay (s)	Junction LOS
1	(untitled)	Standard Roundabout		1, 2, 3, 4	3.89	A

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	3.89	A

Traffic Demand

Demand Set Details

ID	Scenario name	Time Period name	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)	Run automatically
D17	2029 Base + Dev	PM	ONE HOUR	17:00	18:30	15	✓

Vehicle mix varies over turn	Vehicle mix varies over entry	Vehicle mix source	PCU Factor for a HV (PCU)
✓	✓	HV Percentages	2.00

Demand overview (Traffic)

Arm	Linked arm	Profile type	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
1 - Elettra Av (east)		ONE HOUR	✓	630	100.000
2 - Site Access		ONE HOUR	✓	520	100.000
3 - Elettra Av (west)		ONE HOUR	✓	132	100.000
4 - Waterberry Drive		ONE HOUR	✓	386	100.000

Origin-Destination Data

Demand (PCU/hr)

	To				
From		1 - Elettra Av (east)	2 - Site Access	3 - Elettra Av (west)	4 - Waterberry Drive
	1 - Elettra Av (east)	2	459	15	154
	2 - Site Access	506	0	8	6
	3 - Elettra Av (west)	129	2	0	1
	4 - Waterberry Drive	359	21	6	0

Vehicle Mix

Heavy Vehicle Percentages

	To				
From		1 - Elettra Av (east)	2 - Site Access	3 - Elettra Av (west)	4 - Waterberry Drive
	1 - Elettra Av (east)	0	0	7	2
	2 - Site Access	0	0	0	0
	3 - Elettra Av (west)	1	0	0	0
	4 - Waterberry Drive	1	0	0	0

Results

Results Summary for whole modelled period

Am	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/hr)	Total Junction Arrivals (PCU)
1 - Elettra Av (east)	0.35	2.83	0.5	A	578	867
2 - Site Access	0.47	5.62	0.9	A	477	716
3 - Elettra Av (west)	0.10	2.73	0.1	A	121	182
4 - Waterberry Drive	0.30	3.68	0.4	A	354	531

Main Results for each time segment

17:00 - 17:15

Am	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Throughput (exit side) (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
1 - Elettra Av (east)	474	119	22	1979	0.240	473	747	0.0	0.3	2.403	A
2 - Site Access	391	98	133	1248	0.314	390	362	0.0	0.5	4.187	A
3 - Elettra Av (west)	99	25	501	1645	0.060	99	22	0.0	0.1	2.352	A
4 - Waterberry Drive	291	73	479	1568	0.185	290	121	0.0	0.2	2.841	A

17:15 - 17:30

Am	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Throughput (exit side) (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
1 - Elettra Av (east)	566	142	26	1976	0.287	566	894	0.3	0.4	2.569	A
2 - Site Access	467	117	159	1233	0.379	467	433	0.5	0.6	4.694	A
3 - Elettra Av (west)	119	30	600	1574	0.075	119	26	0.1	0.1	2.496	A
4 - Waterberry Drive	347	87	574	1502	0.231	347	145	0.2	0.3	3.146	A

17:30 - 17:45

Am	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Throughput (exit side) (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
1 - Elettra Av (east)	694	173	32	1972	0.352	693	1095	0.4	0.5	2.831	A
2 - Site Access	573	143	195	1213	0.472	571	530	0.6	0.9	5.603	A
3 - Elettra Av (west)	145	36	734	1479	0.098	145	32	0.1	0.1	2.725	A
4 - Waterberry Drive	425	106	702	1412	0.301	424	177	0.3	0.4	3.678	A

17:45 - 18:00

Am	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Throughput (exit side) (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
1 - Elettra Av (east)	694	173	32	1972	0.352	694	1097	0.5	0.5	2.833	A
2 - Site Access	573	143	195	1213	0.472	573	531	0.9	0.9	5.621	A
3 - Elettra Av (west)	145	36	735	1478	0.098	145	32	0.1	0.1	2.726	A
4 - Waterberry Drive	425	106	704	1411	0.301	425	177	0.4	0.4	3.684	A

18:00 - 18:15

Am	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Throughput (exit side) (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
1 - Elettra Av (east)	566	142	26	1976	0.287	567	897	0.5	0.4	2.573	A
2 - Site Access	467	117	159	1233	0.379	469	434	0.9	0.6	4.716	A
3 - Elettra Av (west)	119	30	602	1573	0.075	119	26	0.1	0.1	2.501	A
4 - Waterberry Drive	347	87	576	1500	0.231	348	145	0.4	0.3	3.154	A

18:15 - 18:30

Am	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Throughput (exit side) (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
1 - Elettra Av (east)	474	119	22	1979	0.240	475	751	0.4	0.3	2.408	A
2 - Site Access	391	98	133	1247	0.314	392	363	0.6	0.5	4.213	A
3 - Elettra Av (west)	99	25	504	1643	0.061	99	22	0.1	0.1	2.357	A
4 - Waterberry Drive	291	73	482	1566	0.186	291	121	0.3	0.2	2.851	A

(Default Analysis Set) - 2029 Base + Dev, Sat

Data Errors and Warnings

Severity	Area	Item	Description
Warning	Geometry	1 - Elettra Av (east) - Roundabout Geometry	Effective flare length is over 30m, which is outside the normal range. Treat capacities with increasing caution.

Junction Network

Junctions

Junction	Name	Junction type	Use circulating lanes	Arm order	Junction Delay (s)	Junction LOS
1	(untitled)	Standard Roundabout		1, 2, 3, 4	3.90	A

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	3.90	A

Traffic Demand

Demand Set Details

ID	Scenario name	Time Period name	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)	Run automatically
D18	2029 Base + Dev	Sat	ONE HOUR	12:30	14:00	15	✓

Vehicle mix varies over turn	Vehicle mix varies over entry	Vehicle mix source	PCU Factor for a HV (PCU)
✓	✓	HV Percentages	2.00

Demand overview (Traffic)

Arm	Linked arm	Profile type	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
1 - Elettra Av (east)		ONE HOUR	✓	612	100.000
2 - Site Access		ONE HOUR	✓	558	100.000
3 - Elettra Av (west)		ONE HOUR	✓	25	100.000
4 - Waterberry Drive		ONE HOUR	✓	190	100.000

Origin-Destination Data

Demand (PCU/hr)

	To				
From		1 - Elettra Av (east)	2 - Site Access	3 - Elettra Av (west)	4 - Waterberry Drive
	1 - Elettra Av (east)	5	521	13	73
	2 - Site Access	549	0	5	4
	3 - Elettra Av (west)	22	3	0	0
	4 - Waterberry Drive	168	20	2	0

Vehicle Mix

Heavy Vehicle Percentages

	To				
From		1 - Elettra Av (east)	2 - Site Access	3 - Elettra Av (west)	4 - Waterberry Drive
	1 - Elettra Av (east)	0	0	7	2
	2 - Site Access	0	0	0	0
	3 - Elettra Av (west)	1	0	0	0
	4 - Waterberry Drive	1	0	0	0

Results

Results Summary for whole modelled period

Am	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/hr)	Total Junction Arrivals (PCU)
1 - Elettra Av (east)	0.34	2.78	0.5	A	562	842
2 - Site Access	0.49	5.53	0.9	A	512	768
3 - Elettra Av (west)	0.02	2.45	0.0	A	23	34
4 - Waterberry Drive	0.14	2.91	0.2	A	174	262

Main Results for each time segment

12:30 - 12:45

Am	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Throughput (exit side) (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
1 - Elettra Av (east)	461	115	19	1981	0.233	460	558	0.0	0.3	2.372	A
2 - Site Access	420	105	70	1283	0.327	418	408	0.0	0.5	4.152	A
3 - Elettra Av (west)	19	5	473	1664	0.011	19	15	0.0	0.0	2.206	A
4 - Waterberry Drive	143	36	434	1599	0.089	143	58	0.0	0.1	2.493	A

12:45 - 13:00

Am	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Throughput (exit side) (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
1 - Elettra Av (east)	550	138	22	1979	0.278	550	668	0.3	0.4	2.529	A
2 - Site Access	502	125	84	1276	0.393	501	489	0.5	0.6	4.644	A
3 - Elettra Av (west)	22	6	567	1598	0.014	22	18	0.0	0.0	2.304	A
4 - Waterberry Drive	171	43	520	1539	0.111	171	69	0.1	0.1	2.653	A

13:00 - 13:15

Am	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Throughput (exit side) (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
1 - Elettra Av (east)	674	168	28	1975	0.341	673	818	0.4	0.5	2.774	A
2 - Site Access	614	154	102	1265	0.486	613	598	0.6	0.9	5.513	A
3 - Elettra Av (west)	28	7	694	1508	0.018	28	22	0.0	0.0	2.452	A
4 - Waterberry Drive	209	52	636	1458	0.143	209	85	0.1	0.2	2.907	A

13:15 - 13:30

Am	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Throughput (exit side) (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
1 - Elettra Av (east)	674	168	28	1975	0.341	674	819	0.5	0.5	2.776	A
2 - Site Access	614	154	102	1265	0.486	614	599	0.9	0.9	5.533	A
3 - Elettra Av (west)	28	7	695	1507	0.018	28	22	0.0	0.0	2.454	A
4 - Waterberry Drive	209	52	637	1457	0.144	209	85	0.2	0.2	2.909	A

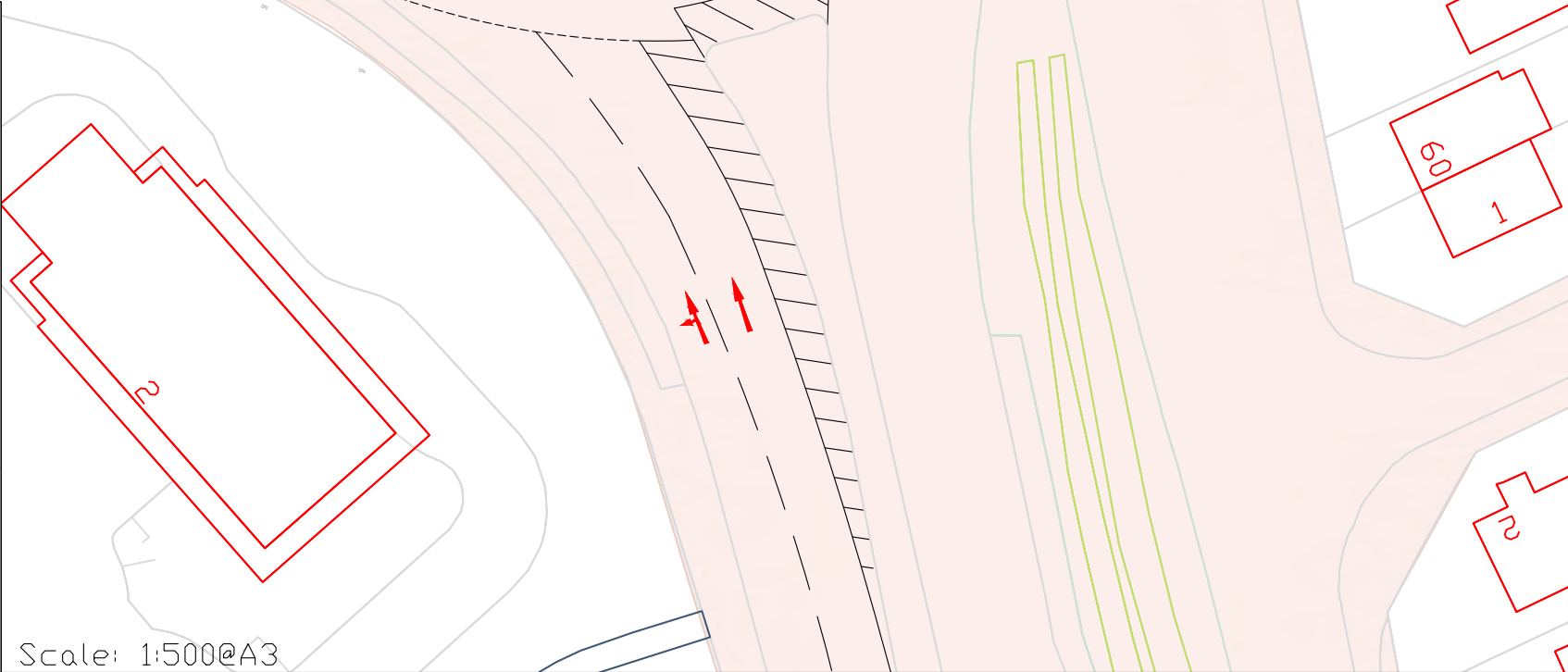
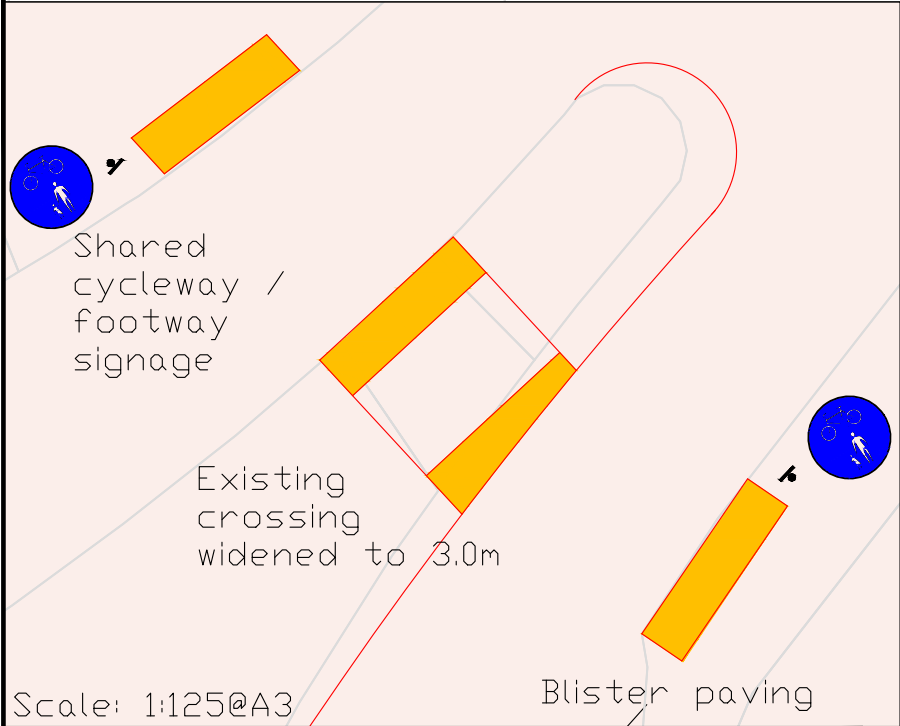
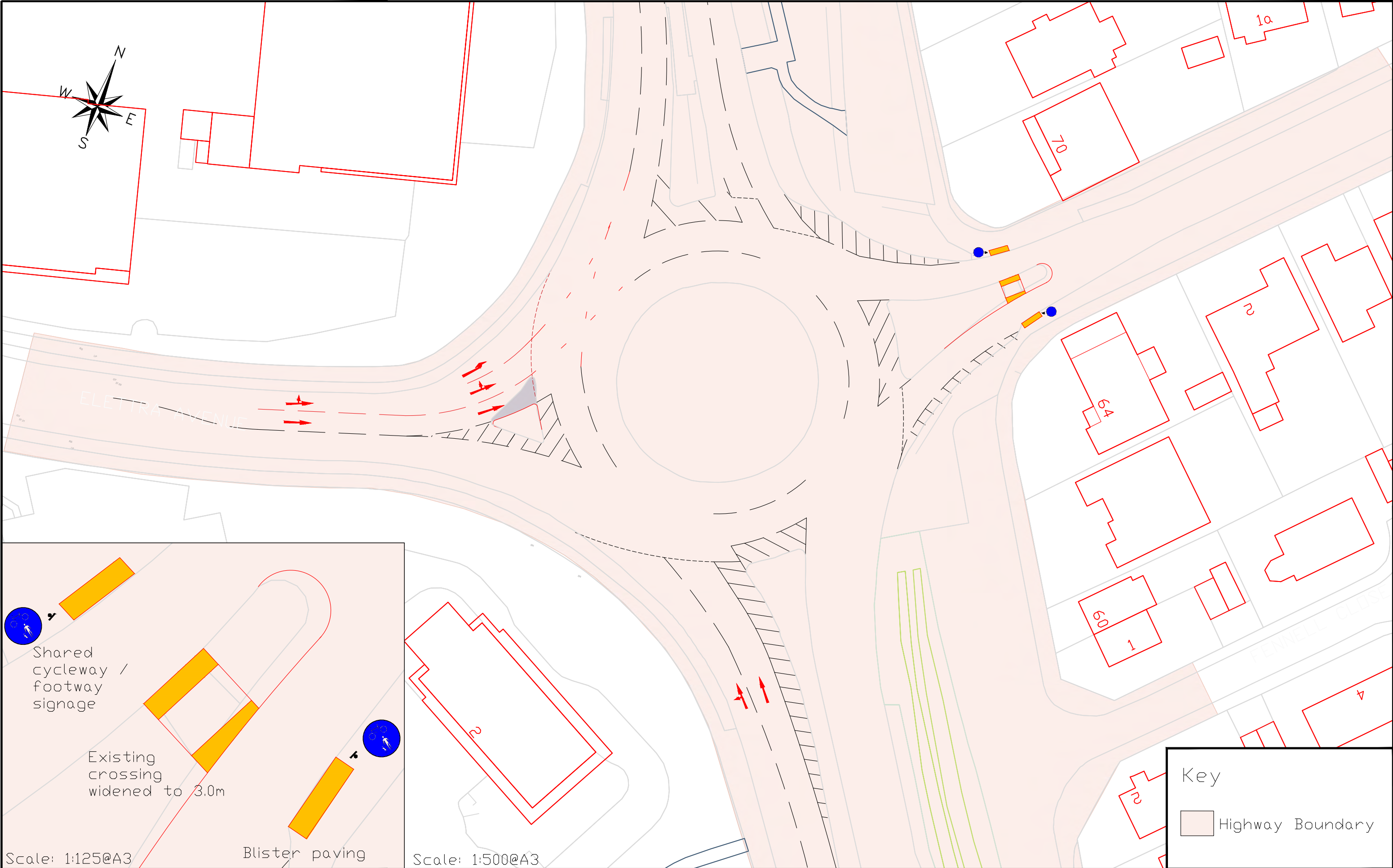
13:30 - 13:45

Am	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Throughput (exit side) (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
1 - Elettra Av (east)	550	138	22	1979	0.278	551	670	0.5	0.4	2.530	A
2 - Site Access	502	125	84	1275	0.393	503	490	0.9	0.7	4.665	A
3 - Elettra Av (west)	22	6	568	1597	0.014	22	18	0.0	0.0	2.308	A
4 - Waterberry Drive	171	43	522	1538	0.111	171	69	0.2	0.1	2.658	A

13:45 - 14:00

Am	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Throughput (exit side) (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
1 - Elettra Av (east)	461	115	19	1981	0.233	461	561	0.4	0.3	2.378	A
2 - Site Access	420	105	70	1283	0.327	421	410	0.7	0.5	4.179	A
3 - Elettra Av (west)	19	5	476	1662	0.011	19	15	0.0	0.0	2.209	A
4 - Waterberry Drive	143	36	437	1598	0.090	143	58	0.1	0.1	2.498	A

APPENDIX G



Key

Highway Boundary



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