sumo Survey
GEOPHYSICS FOR ARCHAEOLOGY & ENGINEERING

Title:
Magnetometer Survey Greyscale Plots

Client:
Environmental Dimension Partnership

Project:
15832 Land North of Barford Road, Willington, Bedfordshire

Scale:
0 metres 50
1:1000 @ A3

Fig No:
02

N

KEY

	Uncertain (Discrete / Trend)
	Ridge and Furrow
	Magnetic Disturbance
	Ferrous

sumo Survey
GEOPHYSICS FOR ARCHAEOLOGY & ENGINEERING

Title:
Magnetometer Survey Interpretation

Client:
Environmental Dimension Partnership

Project:
15832 Land North of Barford Road, Willington, Bedfordshire

Scale:
0 metres 50
1:1000 @ A3

Fig No:
03

N

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-10

sumo Survey
GEOPHYSICS FOR ARCHAEOLOGY & ENGINEERING

Title:
Magnetometer Survey [Minimally Processed] Greyscale Plots

Client:
Environmental Dimension Partnership

Project:
15832 Land North of Barford Road, Willington, Bedfordshire

Scale:
0 metres 50
1:1000 @ A3

Fig No:
04

Appendix A - Technical Information: Magnetometer Survey Method, Processing and Presentation

Standards & Guidance

This report and all fieldwork have been conducted in accordance with the latest guidance documents issued by Historic England (EH 2008) (then English Heritage), the Chartered Institute for Archaeologists (CIfA 2014) and the European Archaeological Council (EAC 2016).

Grid Positioning

For hand held gradiometers the location of the survey grids has been plotted together with the referencing information. Grids were set out using a Trimble R8 Real Time Kinematic (RTK) VRS Now GNSS GPS system.

An RTK GPS (Real-time Kinematic Global Positioning System) can locate a point on the ground to a far greater accuracy than a standard GPS unit. A standard GPS suffers from errors created by satellite orbit errors, clock errors and atmospheric interference, resulting in an accuracy of 5m-10m. An RTK system uses a single base station receiver and a number of mobile units. The base station re-broadcasts the phase of the carrier it measured, and the mobile units compare their own phase measurements with those they received from the base station. This results in an accuracy of around 0.01m.

Technique	Instrument	Traverse Interval	Sample Interval
Magnetometer	Bartington Grad 601-2	1m	0.25m

Instrumentation: Bartington *Grad* 601-2

Bartington instruments operate in a gradiometer configuration which comprises fluxgate sensors mounted vertically, set 1.0m apart. The fluxgate gradiometer suppresses any diurnal or regional effects. The instruments are carried, or cart mounted, with the bottom sensor approximately 0.1-0.3m from the ground surface. At each survey station, the difference in the magnetic field between the two fluxgates is measured in nanoTesla (nT). The sensitivity of the instrument can be adjusted; for most archaeological surveys the most sensitive range (0.1nT) is used. Generally, features up to 1m deep may be detected by this method, though strongly magnetic objects may be visible at greater depths. The Bartington instrument can collect two lines of data per traverse with gradiometer units mounted laterally with a separation of 1.0m. The readings are logged consecutively into the data logger which in turn is daily down-loaded into a portable computer whilst on site. At the end of each site survey, data is transferred to the office for processing and presentation.

Data Processing

Zero Mean Traverse	This process sets the background mean of each traverse within each grid to zero. The operation removes striping effects and edge discontinuities over the whole of the data set.
Step Correction (De-stagger)	When gradiometer data are collected in 'zig-zag' fashion, stepping errors can sometimes arise. These occur because of a slight difference in the speed of walking on the forward and reverse traverses. The result is a staggered effect in the data, which is particularly noticeable on linear anomalies. This process corrects these errors.

Display

Greyscale/ Colourscale Plot	This format divides a given range of readings into a set number of classes. Each class is represented by a specific shade of grey, the intensity increasing with value. All values above the given range are allocated the same shade (maximum intensity); similarly, all values below the given range are represented by the minimum intensity shade. Similar plots can be produced in colour, either using a wide range of colours or by selecting two or three colours to represent positive and negative values. The assigned range (plotting levels) can be adjusted to emphasise different anomalies in the data-set.

Presentation of results and interpretation

The presentation of the results includes a 'minimally processed data' and a 'processed data' greyscale plot. Magnetic anomalies are identified, interpreted and plotted onto the 'Interpretation' drawings.

When interpreting the results, several factors are taken into consideration, including the nature of archaeological features being investigated and the local conditions at the site (geology, pedology, topography etc.). Anomalies are categorised by their potential origin. Where responses can be related to other existing evidence, the anomalies will be given specific categories, such as: Abbey Wall or Roman Road. Where the interpretation is based largely on the geophysical data, levels of confidence are implied, for example: Probable, or Possible Archaeology. The former is used for a confident interpretation, based on anomaly definition and/or other corroborative data such as cropmarks. Poor anomaly definition, a lack of clear patterns to the responses and an absence of other supporting data reduces confidence, hence the classification Possible.

Interpretation Categories

In certain circumstances (usually when there is corroborative evidence from desk-based or excavation data) very specific interpretations can be assigned to magnetic anomalies (for example, *Roman Road, Wall,* etc.) and where appropriate, such interpretations will be applied. The list below outlines the generic categories commonly used in the interpretation of the results.

Archaeology / Probable Archaeology	This term is used when the form, nature and pattern of the responses are clearly or very probably archaeological and /or if corroborative evidence is available. These anomalies, whilst considered anthropogenic, could be of any age.
Possible Archaeology	These anomalies exhibit either weak signal strength and / or poor definition, or form incomplete archaeological patterns, thereby reducing the level of confidence in the interpretation. Although the archaeological interpretation is favoured, they may be the result of variable soil depth, plough damage or even aliasing as a result of data collection orientation.
Industrial / Burnt-Fired	Strong magnetic anomalies that, due to their shape and form or the context in which they are found, suggest the presence of kilns, ovens, corn dryers, metal-working areas or hearths. It should be noted that in many instances modern ferrous material can produce similar magnetic anomalies.
Former Field Boundary (probable & possible)	Anomalies that correspond to former boundaries indicated on historic mapping, or which are clearly a continuation of existing land divisions. Possible denotes less confidence where the anomaly may not be shown on historic mapping but nevertheless the anomaly displays all the characteristics of a field boundary.
Ridge & Furrow	Parallel linear anomalies whose broad spacing suggests ridge and furrow cultivation. In some cases, the response may be the result of more recent agricultural activity.
Agriculture (ploughing)	Parallel linear anomalies or trends with a narrower spacing, sometimes aligned with existing boundaries, indicating more recent cultivation regimes.
Land Drain	Weakly magnetic linear anomalies, quite often appearing in series forming parallel and herringbone patterns. Smaller drains may lead and empty into larger diameter pipes, which in turn usually lead to local streams and ponds. These are indicative of clay fired land drains.
Natural	These responses form clear patterns in geographical zones where natural variations are known to produce significant magnetic distortions.
Magnetic Disturbance	Broad zones of strong dipolar anomalies, commonly found in places where modern ferrous or fired materials (e.g. brick rubble) are present.
Service	Magnetically strong anomalies, usually forming linear features are indicative of ferrous pipes/cables. Sometimes other materials (e.g. pvc) or the fill of the trench can cause weaker magnetic responses which can be identified from their uniform linearity.
Ferrous	This type of response is associated with ferrous material and may result from small items in the topsoil, larger buried objects such as pipes, or above ground features such as fence lines or pylons. Ferrous responses are usually regarded as modern. Individual burnt stones, fired bricks or igneous rocks can produce responses similar to ferrous material.
Uncertain Origin	Anomalies which stand out from the background magnetic variation, yet whose form and lack of patterning gives little clue as to their origin. Often the characteristics and distribution of the responses straddle the categories of *Possible Archaeology / Natural* or (in the case of linear responses) *Possible Archaeology / Agriculture*; occasionally they are simply of an unusual form.

Where appropriate some anomalies will be further classified according to their form (positive or negative) and relative strength and coherence (trend: weak and poorly defined).

Appendix B - Technical Information: Magnetic Theory

Detailed magnetic survey can be used to effectively define areas of past human activity by mapping spatial variation and contrast in the magnetic properties of soil, subsoil and bedrock. Although the changes in the magnetic field resulting from differing features in the soil are usually weak, changes as small as 0.1 nanoTeslas (nT) in an overall field strength of 48,000 (nT), can be accurately detected.

Weakly magnetic iron minerals are always present within the soil and areas of enhancement relate to increases in *magnetic susceptibility* and permanently magnetised *thermoremanent* material.

Magnetic susceptibility relates to the induced magnetism of a material when in the presence of a magnetic field. This magnetism can be considered as effectively permanent as it exists within the Earth's magnetic field. Magnetic susceptibility can become enhanced due to burning and complex biological or fermentation processes.

Thermoremanence is a permanent magnetism acquired by iron minerals that, after heating to a specific temperature known as the Curie Point, are effectively demagnetised followed by re-magnetisation by the Earth's magnetic field on cooling. Thermoremanent archaeological features can include hearths and kilns; material such as brick and tile may be magnetised through the same process.

Silting and deliberate infilling of ditches and pits with magnetically enhanced soil creates a relative contrast against the much lower levels of magnetism within the subsoil into which the feature is cut. Systematic mapping of magnetic anomalies will produce linear and discrete areas of enhancement allowing assessment and characterisation of subsurface features. Material such as subsoil and non-magnetic bedrock used to create former earthworks and walls may be mapped as areas of lower enhancement compared to surrounding soils.

Magnetic survey is carried out using a fluxgate gradiometer which is a passive instrument consisting of two sensors mounted vertically 1m apart. The instrument is carried about 30cm above the ground surface and the top sensor measures the Earth's magnetic field whilst the lower sensor measures the same field but is also more affected by any localised buried feature. The difference between the two sensors will relate to the strength of a magnetic field created by this feature, if no field is present the difference will be close to zero as the magnetic field measured by both sensors will be the same.

Factors affecting the magnetic survey may include soil type, local geology, previous human activity and disturbance from modern services.

- Archaeological
- Geophysical
- Laser Scanning
- Measured Building
- Topographic
- Utility Mapping

SUMO Services Ltd, incorporated under the laws of England and Wales,
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Plans

Plan EDP 1	Designated Heritage Assets (edp5721_d001a 14 November 2019 GY/LB)
Plan EDP 2	Non-designated Heritage Assets (edp5721_d002a 14 November 2019 GY/LB)
Plan EDP 3	Previous Archaeological Works (edp5721_d003a 14 November 2019 GY/LB)
Plan EDP 4	Historic Maps (edp5721_d004a 14 November 2019 GY/LB)

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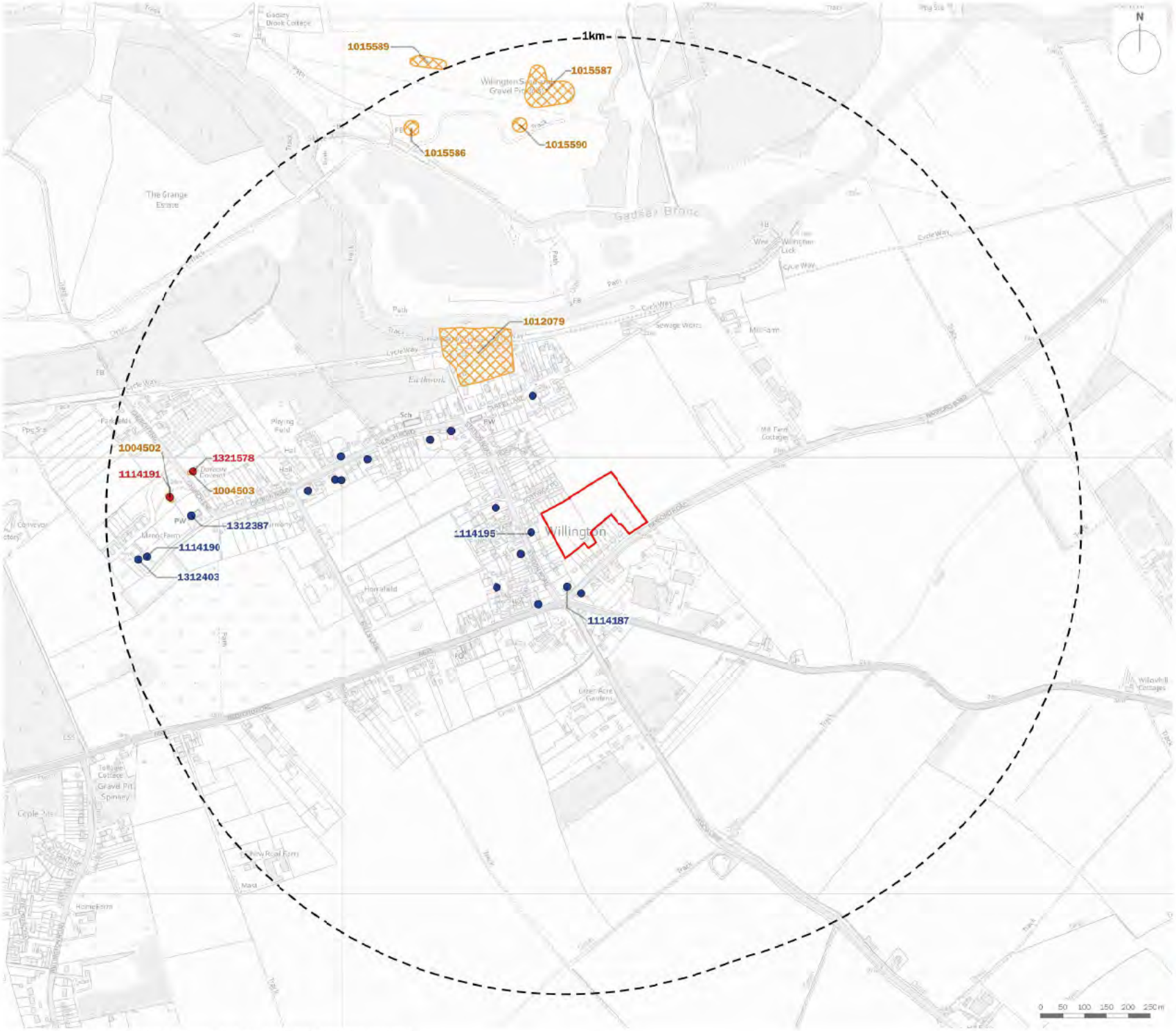

Approximate Site Boundary

1km Study Area

Scheduled Monument

Grade I Listed Building

Grade II Listed Building

project title
Land North of Barford Road, Willington, Bedfordshire

drawing title
Plan EDP 1: Designated Heritage Assets

date	14 NOVEMBER 2019	drawn by	GY
drawing number	edp5721_d001a	checked	LB
scale	Refer to scale bar @ A3	QA	JTF

the environmental dimension partnership
Registered office: 01285 740427 - www.edp-uk.co.uk - info@edp-uk.co.uk

Approximate Site Boundary

1km Study Area

HER Monument Data

client

[redacted]

project title

Land North of Barford Road, Willington, Bedfordshire

drawing title

Plan EDP 2: Non-designated Heritage Assets

date	14 NOVEMBER 2019	drawn by	GY
drawing number	edp5721_d002a	checked	LB
scale	1:10,000 @ A3	QA	JTF

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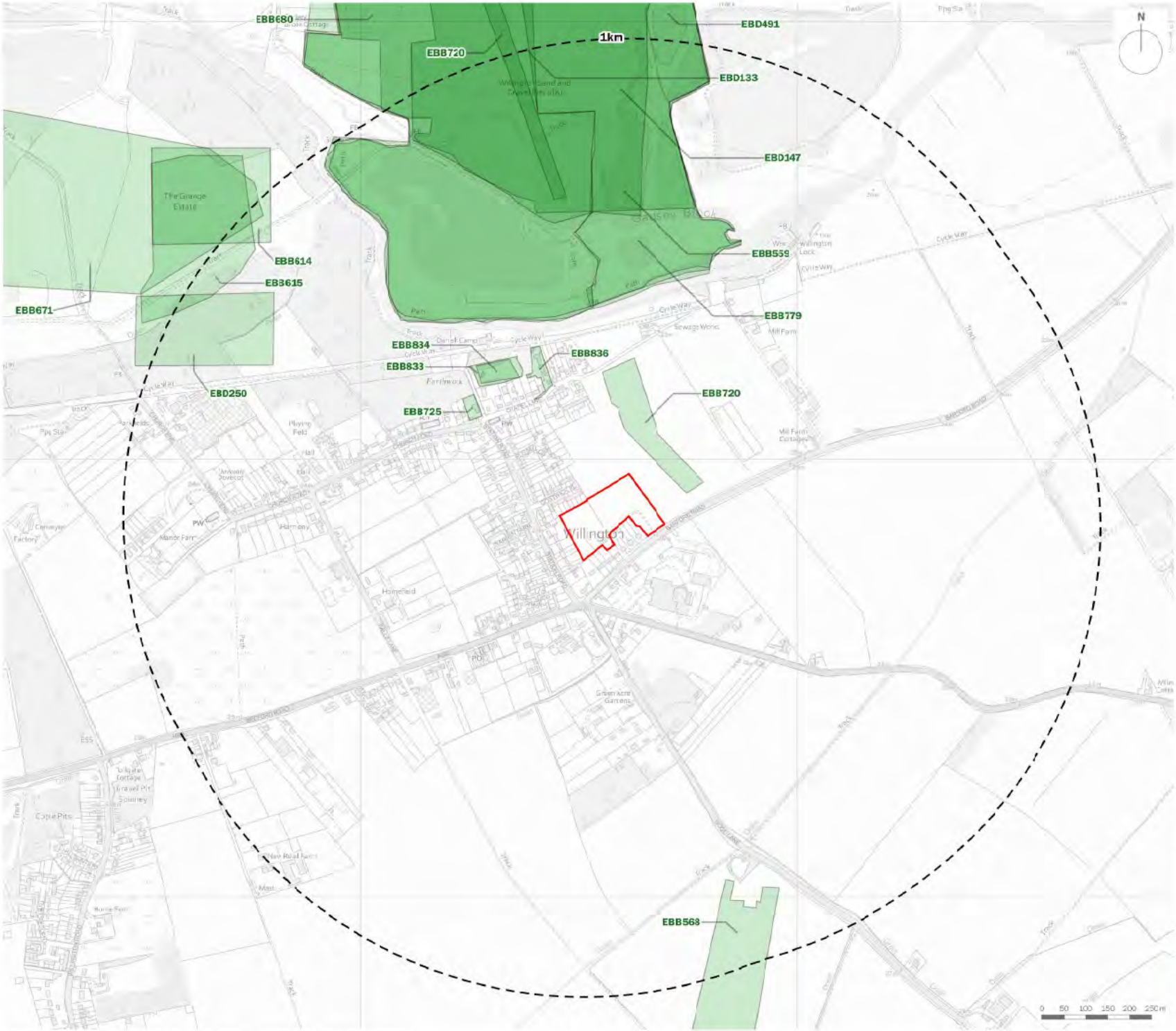

Approximate Site Boundary

1km Study Area

HER Event Data

client

[redacted]

project title

Land North of Barford Road, Willington, Bedfordshire

drawing title

Plan EDP 3: Previous Archaeological Works

date	14 NOVEMBER 2019	drawn by	GY
drawing number	edp5721_d003a	checked	LB
scale	Refer to scale bar @ A3	QA	JTF

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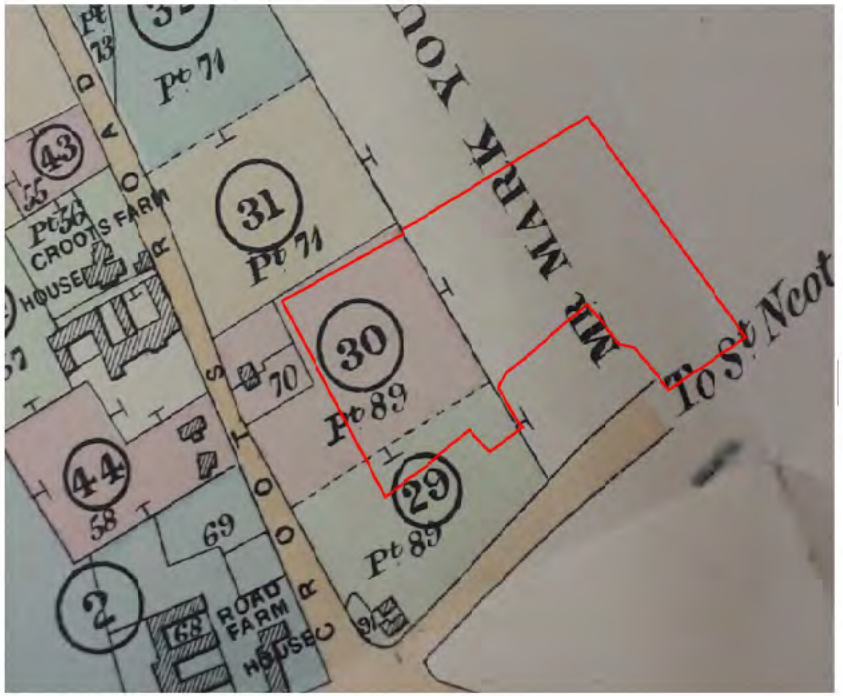
1779 Russel Estate Map Showing the Village

1839 Willington Tithe Map



1903 Sales Brochure Plan of the Site

1973-4 Ordnance Survey Map

Approximate Site Boundary

client

[redacted]

project title

Land North of Barford Road, Willington, Bedfordshire

drawing title

Plan EDP 4: Historic Maps

date	14 NOVEMBER 2019	drawn by	GY
drawing number	edp5721_d004a	checked	LB
scale	Not to scale	QA	JTF

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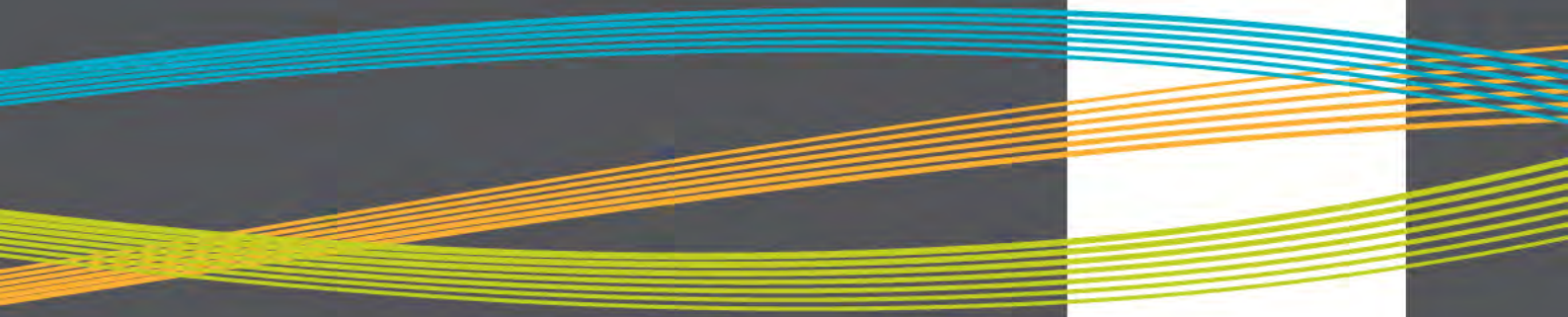

Appendix 4 – Transport Statement

Client:

Clarendon Land & Development

Project:

Barford Road
Willington

Project No:
T19568
Report Title:
Transport Statement

Prepared by:	SC
Authorised by:	LB
Rev:	
Date:	28/11/2019

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TABLE OF CONTENTS

1.0 Introduction

Background

1.1 Hub Transport Planning Ltd has been commissioned by Clarendon Land & Development to provide transport advice for a proposed residential development located to the north of Barford Road, Willington.

1.2 It is intended that the site will provide up to 33 dwellings, of which up to 30% will be affordable housing (up to 10 affordable units); the site location is shown on **Figure 1.1**.

Structure of the Report

1.3 This report is intended to determine the relevant highway issues and indicate potential solutions, with reference to the impact of the proposed development site located to the north of Barford Road, Willington.

1.4 Following this introduction, the report is set out as follows:

- Chapter 2 – Baseline Conditions;
- Chapter 3 – Development Proposals;
- Chapter 4 – Trip Generation, Impact and Analysis;
- Chapter 5 – Summary and Conclusions.

Limitations of the Report

1.5 This report has been undertaken at the request of Clarendon Land & Development, thus should not be entrusted to any third party without written permission from Hub Transport Planning Ltd. However, should any information contained within this report be used by any unauthorised third party, it is done so entirely at their own risk and shall not be the responsibility of Hub Transport Planning Ltd.

1.6 This report has been compiled using data from a number of external sources (such as TRICS, traffic count data and public transport information); these sources are considered to be trustworthy and therefore the data provided is considered to be accurate and relevant at the time of preparing this report.

2.0 Baseline Conditions

Site Location

2.1 The proposed development is located to the north of Barford Road within the village of Willington, Bedfordshire.

2.2 The site is bound by agricultural fields to the north and east, Barford Road to the south and existing residential development to the west.

Local Highway Network

2.3 Barford Road is a c.6.6m wide carriageway, subject to the national speed limit of 30mph along the site frontage. The speed limit changes to 60mph approximately 60m east of the proposed site access. Footways measuring between 1.2m and 1.4m are provided to the northern side of Barford Road, starting just to the west of the site frontage and leading to Willington village centre, this footway provision will be extended into the site to link the development to the existing pedestrian network and will also be widened to 2m in width.

2.4 Barford Road connects with Bedford Road (A603) to the west via the Bedford Road/Station Road/Barford Road/Sandy Road/Wood Lane junction. Bedford Road continues southwest where it forms a grade separated roundabout with the A421, providing connections south west towards Milton Keynes and west towards Bedford via Cardington Road. To the east, the A603 provides a link to Girtford and on towards Cambridge.

Baseline Traffic Flows

2.5 Manual classified peak hour turning counts were undertaken on Tuesday 9th July 2019 at the Bedford Road/Station Road/Barford Road/Sandy Road/Wood Lane junction to establish baseline traffic flows.

2.6 An Automatic Traffic Count (ATC) has also been undertaken to collect flow, speed and vehicle classification date over a seven-day period on Barford Road. These have been used to help inform visibility splay calculations. The ATC was undertaken between Tuesday 9th July and Monday 15th July 2019.

2.7 Analysis of traffic flow data indicates that the peak hours on the highway network are 07:00-08:00 and 16:30-17:30. The full survey data can be found in **Appendix A**.

Site Observations

2.8 Site visits have been undertaken during a neutral morning peak period, during school time, where free flowing traffic was observed along Main Road in the vicinity of the site. The Bedford Road/Station Road/Barford Road/Sandy Road/Wood Lane junction was observed to be operating within capacity. Some small delay was observed at the junction due to the close proximity of the Barford Road and Station Road arms. The A603 was observed to be relatively busy in comparison to the side arms.

Sustainable Transport Accessibility

2.9 It is generally accepted that walking and cycling provide important alternatives to the private car, and should also be encouraged to form part of longer journeys via public transport.

2.10 There is potential for short car trips to be substituted for cycle trips, and for longer trips to be substituted by a combination of cycle and public transport trips. Guidance suggests that 5km is a useful benchmark for a commutable distance by cycle.

2.11 The National Travel Survey (published in July 2019), highlights that the average cycle trip for 2018 was 6.1km.

2.12 With regards to walking, Manual for Streets (MfS) states that 'walkable neighbourhoods' are typically characterised by having a range of facilities within 10 minutes (up to about 800m) walking distance of residential areas which residents may access comfortably on foot.

2.13 MfS also states that the 800m walking distance is not an upper limit and references the former PPG13 guidance in respect of walking replacing short car trips, particularly those under 2km.

2.14 In addition to the above, it is pertinent to note that the National Travel Survey (published in July 2019), which provides a summary of the results of travel survey data for 2018, reports that the average walk trip distance with walk as the primary mode is 1,277m.

2.15 As such it is reasonable to assume that the average person will walk up to 1,277m to a defined destination (such as local facilities).

2.16 The following sections consider the opportunities for sustainable travel that are available in the vicinity of the site.

Local Facilities

2.17 Willington Post Office and convenience store is located c.570m to the west of the site via Barford Road and Bedford Road, whilst Frosts Garden Centre (including a food hall, butchers, bakers and a café/restaurant) is located c.370m to the south.

2.18 Willingtots Pre-School and Sheerhatch Primary School, Willington (Reception - Yr2 site) are located c.915m from the site; Sheerhatch Primary School, Cople (Yrs 3-6) is located c.2.3km from the site.

2.19 Additional nearby facilities include a public house, restaurant, community hall, fruit and vegetable shop, Willington Garden and Leisure and a café.

2.20 The aforementioned facilities can be seen in **Figure 2.1**.

Accessibility by Cycle

2.21 National Cycle Route (NCR) 51 is located to the north of the site, providing connections west to Bedford, Kempston and Milton Keynes and east towards Cambridge. To the northeast, the route links to National Cycle Route 12, connecting to Peterborough. This route is shown on **Figure 2.2**.

2.22 The route can be accessed from Station Road via the Danish Camp Restaurant, from which bicycles can also be hired.

2.23 Whilst central Bedford and Kempston are located slightly out of the 5km suggested commutable distance by cycle, it is possible that more experienced cyclists would cycle such a distance to work.

Accessibility by Bus

2.24 Bus stops are located on Bedford Road, approximately 400m west of the site. These stops are served by the number 73 bus service. Further bus stops are located to the west of the site on Station Road and are served by the number 27 service; the routes of these services are shown on **Figure 2.2**.

2.25 The number 73 provides an approximately half hourly service between Bedford and Biggleswade in either direction. Buses run from 06:25 to 19:56, Monday to Friday towards Bedford and from 06:08 to 20:18 towards Biggleswade and from 06:55 to 19:42 on Saturdays towards Bedford and from 06:31 to 20:03 towards Biggleswade. This service also provides access to Bedford College.

2.26 The number 27 service provides four services a day in a circular route to Bedford Bus Station, with an additional morning and afternoon service on school days, serving Sheerhatch Primary School sites, Great Barford Primary Academy, Renhold VC Primary School, Ravensden Primary School, Bedford Girls School, Wilden VA Primary School, Mark Rutherford School, Goldington Green Academy, Goldington Green Lower School, Bedford Preparatory School and Bedford College. Three services a day are provided on Saturdays.

2.27 It is considered that the number 73 service is suitable for those future residents working in Bedford and Biggleswade and the number 27 service provides an excellent service for school children.

2.28 Both the 73 and 27 bus service run to or in close vicinity to Bedford Bus Station from which onwards journeys can be made to locations further afield such as Milton Keynes, Luton, Northampton, Oxford and Cambridge.

Accessibility by Rail

Sandy Rail Station

2.29 Sandy Rail Station is located approximately 7km to the east of the site and can be accessed via the 73 bus service (with a total journey time of approximately 30 minutes) via NCR 51 (taking approximately 25 minutes) or by car (taking approximately 10 minutes).

2.30 The station provides services to Horsham (via London St Pancras) and Peterborough (running every half hour in either direction). Direct services to London St Pancras start at 04:50 from Sandy Rail Station and the last return train from London St Pancras departs at 23:46 (with a journey time of c.50 minutes), providing a suitable service for those wishing to commute towards London.

2.31 The station benefits from 20 cycle parking spaces and 149 car parking spaces, including provision for disabled access.

Bedford St Johns Rail Station

2.32 Bedford St Johns Rail Station is located approximately 7.8km to the west of the site and can be accessed via the 73 and 27 bus service (with a total journey time of approximately 20 minutes) via NCR 51 (taking approximately 30 minutes) or by car (taking approximately 10 minutes).

2.33 The station provides services to Bedford and Bletchley, running hourly in either direction with the first train departing St Johns at 06:06 and the last return train from Bletchley departing at 21:38 (with an approximate journey time of 40 minutes), providing a suitable service for those wishing to commute towards Bletchley. Onwards connections can be made to Milton Keynes Central from Bletchley Rail Station (with a journey time of 5 minutes).

2.34 The station benefits from 120 car parking spaces.

Bedford Rail Station

2.35 Bedford Rail Station is located approximately 8.7km to the west of the site and can be accessed via both the 73 and 27 bus service (with a total journey time of approximately 30 minutes) via NCR 51 (taking approximately 30 minutes) or by car (taking approximately 15 minutes).

2.36 The station provides services to London St Pancras, Nottingham, Gatwick Airport, Brighton, Corby, Little Hampton and Bletchley. Seven services an hour run to London St Pancras Monday to Friday (five per hour on Saturdays and Sundays) with a journey time of approximately 1 hour. The service runs 24 hours a day and is therefore suitable for those travelling to and from London for work, leisure and/or educational purposes.

2.37 The station benefits from 588 cycle parking spaces with CCTV in operation, as well as 740 car parking spaces.

Personal Injury Accident Data

2.38 In order to establish road safety conditions on the highway network in the vicinity of the site, reference has been made to the Crashmap website. Over the most recent five-year period available (2014-2018) the following Personal Injury Accidents (PIAs) were recorded in the vicinity of the site and are shown in **Appendix B**.

2.39 Three PIAs, classed as slight in severity, were recorded on Barford Road in the vicinity of the site, though it should be noted that none of these occurred in the vicinity of the site frontage.

2.40 Four PIAs, classed as slight in severity, were recorded at the Bedford Road/Station Road/Barford Road/Sandy Road/Wood Road junction.

2.41 A further two PIAs, classed as slight, were recorded on Sandy Road.

2.42 Two PIAs, classed as slight were recorded on Bedford Road in the vicinity of the site and two further slight accidents were recorded at the Bedford Road/Balls Lane roundabout.

2.43 Although all personal injury accidents are regrettable, the volume and severity of accidents in the vicinity of the development site does not give any undue cause for concern. As a result, the proposed development will not have a material impact on highway safety in the vicinity of the development.

Summary

2.44 The development site benefits from a range of facilities within walking and/or cycling distance, including a local primary school, post office and public house. NCR 51 is located to the north of the site and provides good links towards areas such as Central Bedford for commuters.

2.45 The site also benefits from good local bus services, with particularly good connections to Bedford from which onwards journeys can be made to locations further afield, such as London, by train. The site is therefore in a good location for residents to access areas of employment, education and leisure.

2.46 The above review demonstrates that the site is readily accessible by a variety of modes of transport that have the potential to reduce reliance upon the private car. It is therefore considered that residents will have a real choice about how they travel and that the proposals therefore accord with guiding principles of the National Planning Policy Framework.

3.0 Development Proposals

Introduction

3.1 The applicant is seeking outline planning permission for the construction of up to 33 residential units, of which up to 30% will be affordable housing (up to 10 affordable units), together with associated access; all matters are reserved except for access. An emerging masterplan can be seen at **Appendix C**.

3.2 Detail regarding the housing mix and required parking provision will be provided within future reserved matters submissions.

Proposed Access

3.3 The proposed access junction takes the form of a 5.5m access road, with 6m radii and a 2m footway (located on the western side of the carriageway) tying into the existing infrastructure on Barford Road.

3.4 Visibility splays at the proposed access junction have been calculated in line with recorded vehicle speeds and guidance included in Manual for Streets 2.

3.5 The 85th percentile speeds have been calculated based on speed data collected between Tuesday 9th July and Monday 15th July 2019.

3.6 It was not possible to know if the roads were wet on Wednesday 10th July due to the weather data being unavailable for this date; as such this day has been removed from the calculation. As it did not rain significantly on the remaining days, a wet weather reduction of 2.5mph has been applied to the calculation; in line with guidance set out in TA 22-81 from the Design Manual for Roads and Bridges (DMRB).

3.7 The surveyed 85th percentile speeds for Barford Road were 37mph eastbound and 47mph westbound respectively. The resulting stopping sight distances in accordance with MfS2 are 90m to the west and 132m to the east. In the interest of robustness, the desirable minimum deceleration rate has been used for both directions. A copy of the speed calculations and weather data is provided in **Appendix D.**

Servicing

3.8 It is proposed that the development is serviced from inside the site via the proposed site access, of which has been designed to accommodate a service vehicle with a 5.5m access road and 6m radii.

3.9 Swept path analysis of the site access has been carried out using vehicle tracking software, the results of which are included in **Drawing T19568.002**.

4.0 Trip Generation, Impact and Analysis

TRICS Assessment

4.1 The TRICS (7.6.1) database has been interrogated in order to quantify the levels of vehicle trips that are likely to be associated with the proposed development.

4.2 The trip rates that have been extracted from the database are based upon the following search parameters:

- Land Use – Residential, Privately Owned Houses
- Regions – Great Britain (excluding Ireland)
- Units – 0 to 100
- Date Range – 01/01/11 to 20/11/18
- Selected Days – Weekdays
- Selected Locations – Suburban Area, Neighbourhood Centre

4.3 Copies of these TRICS output reports are provided at **Appendix E**, whilst a summary of the trip rates and subsequent trip attraction during peak hours are provided in **Table 1**.

Table 1 – Trip Rates (33 dwellings)

Peak Period	Trip Rate (per dwelling)		Trips (33 dwellings)		Total
	In	Out	In	Out	
AM	0.132	0.366	4	12	**16**
PM	0.301	0.151	10	5	**15**

NB: AM peak is 08:00-09:00, PM peak is 17:00-18:00; trips have been rounded

4.4 The above demonstrates that the proposed development will have the potential to generate 16 two-way vehicle movements in the morning peak and 15 two-way vehicle movements during the evening peak period. This would equate to approximately one vehicle movement every 4 minutes.

Distribution and Assignment

4.5 The predicted development traffic generated by the site has been distributed across the highway network based on 2011 Census origin/destination Travel to Work data (using MSOA area – Bedford 004 as the place of residence); full details are provided in **Appendix F**.

4.6 Traffic has been assigned to the network using an appropriate online route mapping tool and knowledge of the existing area.

4.7 The analysis indicates that 74% of development traffic is likely to head west on Barford Road and 26% is likely to head east. From the Bedford Road/Station Road/Barford Road/Sandy Road/Wood Lane junction, 58% will continue west onto Bedford Road and 15% will turn east onto Sandy Road. The development distribution and assignment flow diagrams can be seen in **Figures 4.1** and **4.4**.

Traffic Growth

4.8 Traffic growth rates for the local highway network have been obtained from TEMPro for Bedford and for a period of five years. The traffic growth rates are set out below:

- 2019-2024 Weekday AM Peak – 1.0937
- 2019-2024 Weekday PM Peak – 1.0951

4.9 The TEMPro factors presented above have been applied to the surveyed traffic flows and used to calculate the 2024 baseline flows on the local highway network. The 2019 surveyed flows for the morning and evening peaks are presented in **Figures 4.5** to **4.6** and the 2024 traffic movements are presented in **Figures 4.7** to **4.8**.

Traffic Impact and Analysis

Site Access Junction

4.10 Capacity analysis has been undertaken at the site access junction, for the full development scenarios. The traffic flow diagrams for this scenario are presented in **Figures 4.9** to **4.10**.

4.11 The site access junction has been modelled using Junctions 9 software; full output files for the priority junction, showing the geometry and capacity calculations, are shown in **Appendix G**.

4.12 **Table 2** summarises the results of the capacity assessment.

Table 2 – Site Access Capacity Assessment

Approach	AM Peak 08:00– 09:00			PM Peak 17:00 – 18:00		
	RFC	Queue	Delay (s)	RFC	Queue	Delay (s)
2024 Base + Development						
Site Access	0.02	0	7	0.01	0	7
Barford Road	0.00	0	5	0.01	0	5

4.13 The above demonstrates that the site access junction is expected to operate well within capacity for the future development scenario, with minimal delay and no queuing expected.

Bedford Road/Station Road/Barford Road/Sandy Road/Wood Lane Junction

4.14 Due to the unusual layout of this junction, in that the minor arms (Station Road and Barford Road) are in close proximity to one another, due to the limitations of the Junctions 9 (PICADY) software, it was not possible to model the junction as one whole junction. Therefore, the junction has been modelled as a staggered crossroads (Bedford Road/Barford Road/Sandy Road/Wood Lane) and a separate priority junction (Station Road/Bedford Road).

4.15 It should be noted that the flows on Station Road are particularly low; on-site observations indicate this does not have a significant impact on the ability of traffic to exit Barford Road.

4.16 Full output files for the staggered crossroads and priority junction, showing the geometry and capacity calculations, are shown in **Appendix H** and **I** accordingly.

4.17 The junction modelling has the potential to over-estimate the capacity of the junction as it is not possible to model the interaction between the two adjacent minor arms. The existing (2019 base) scenario has been modelled to validate against on-site observations. **Tables 3** and **4** summarise the results of the capacity analysis for the Bedford Road/Station Road/Barford Road/Sandy Road/Wood Lane junction and the Station Road/Bedford Road priority junction in the base scenario.

Table 3 – Bedford Road/Barford Road/Sandy Road/Wood Lane Capacity Assessment – 2019 Base

Approach	AM Peak 08:00– 09:00			PM Peak 17:00 – 18:00		
	RFC	Queue	Delay (s)	RFC	Queue	Delay (s)
2019 Base						
Wood Lane	0.02	0	9	0.01	0	7
Bedford Road	0.06	0	4	0.05	0	4
Barford Road (LT)	0.02	0	10	0.05	0	9
Barford Road (RT)	0.32	0	22	0.42	1	21
Sandy Road	0.02	0	5	0.02	0	4

Table 4 – Station Road/Bedford Road Capacity Assessment – 2019 Base

Approach	AM Peak 08:00– 09:00			PM Peak 17:00 – 18:00		
	RFC	Queue	Delay (s)	RFC	Queue	Delay (s)
2019 Base						
Station Road	0.12	0	15	0.08	0	12
Bedford Road	0.01	0	4	0.11	0	4

4.18 The above shows that the model validates well against on-site observations as the results show minimal queuing with some minor delay on Barford Road. Some queuing was observed on Barford Road during peak periods however, this was infrequent, and with a maximum queue of two cars observed at any one time at this arm.

4.19 The Bedford Road/Station Road/Barford Road/Sandy Road/Wood Lane junction has been modelled for the future scenario plus development.

4.20 **Tables 5** and **6** summarise the results of the capacity analysis for the Bedford Road/Station Road/Barford Road/Sandy Road/Wood Lane junction.

Table 5 – Bedford Road/Barford Road/Sandy Road/Wood Lane Capacity Assessment

Approach	AM Peak 08:00– 09:00			PM Peak 17:00 – 18:00		
	RFC	Queue	Delay (s)	RFC	Queue	Delay (s)
2024 Base						
Wood Lane	0.02	0	9	0.02	0	7
Bedford Road	0.07	0	4	0.06	0	4
Barford Road (LT)	0.02	0	11	0.07	0	10
Barford Road (RT)	0.40	1	28	0.52	1	28
Sandy Road	0.03	0	4	0.03	0	4
2024 Base + Development						
Wood Lane	0.02	0	9	0.02	0	7
Bedford Road	0.07	0	4	0.06	0	4
Barford Road (LT)	0.02	0	11	0.07	0	10
Barford Road (RT)	0.43	1	30	0.54	1	30
Sandy Road	0.03	0	4	0.03	0	4

Table 6 – Station Road/Bedford Road Capacity Assessment

Approach	AM Peak 08:00– 09:00			PM Peak 17:00 – 18:00		
	RFC	Queue	Delay (s)	RFC	Queue	Delay (s)
2024 Base						
Station Road	0.15	0	17	0.11	0	14
Bedford Road	0.01	0	4	0.14	0	4
2024 Base + Development						
Station Road	0.15	0	18	0.11	0	14
Bedford Road	0.01	0	4	0.14	0	4

4.1 The above demonstrates that the junction is expected to operate well within capacity for both the future development scenarios with minimal queues and delays at all arms.

4.2 As previously mentioned, it is not possible to model the interaction between the two minor arms and in close proximity (Station Road and Barford Road). However, any additional delay as a result of this arrangement is likely to be minimal and the base model relates well against on-site observations.

4.3 It is clear that 16 additional two-way trips in the peak hour will not have a detrimental impact on the operation of the Bedford Road/Station Road/Barford Road/Sandy Road/Wood Lane junction.

Mitigation

4.4 The Barford Road/Station Road/Barford Road/Sandy Road/Wood Lane junction is predicted to operate well within capacity and no existing safety issues have been recorded at this location. Nevertheless, on site observations indicated that the existing white lining at the junction has faded. It is therefore proposed the existing white lining will be re-painted to help clarify the junction layout and to aid movements in and out of the junction.

5.0 Summary and Conclusions

Summary

5.1 Hub Transport Planning Ltd has been commissioned by Clarendon Land & Development to provide transport advice for a proposed residential development located to the north of Barford Road, Willington, Bedfordshire.

5.2 It is intended that the site will provide up to 33 residential dwellings, of which up to 30% will be affordable housing (up to 10 affordable units).

5.3 In summary, this report demonstrates the following:

- The location of the site accords with the relevant national, regional and local transport planning policies;
- The development site benefits from a range of local facilities located within walking distance of the site, including a local school, post office and convenience store, café and restaurant;
- The site benefits from a regular bus service connecting the site to nearby employment destinations such as Bedford;
- The development will have a negligible impact on the operation of the immediate highway network, where it is anticipated that the site is likely to generate no more than 16 two-way vehicle movements in any peak hour;
- Safe and suitable access can be achieved;
- The capacity analysis demonstrates that the development will not have a significant impact on the operation of the local highway network; and,
- The development will not have a material impact on highway safety in the vicinity of the site.

Conclusions

5.4 The National Planning Policy Framework (NPPF) states that opportunities to promote sustainable transport modes should be taken up and that safe and suitable access to the site is achievable for all users. The development is well located to make use of existing infrastructure and services and is sustainable in transport terms.

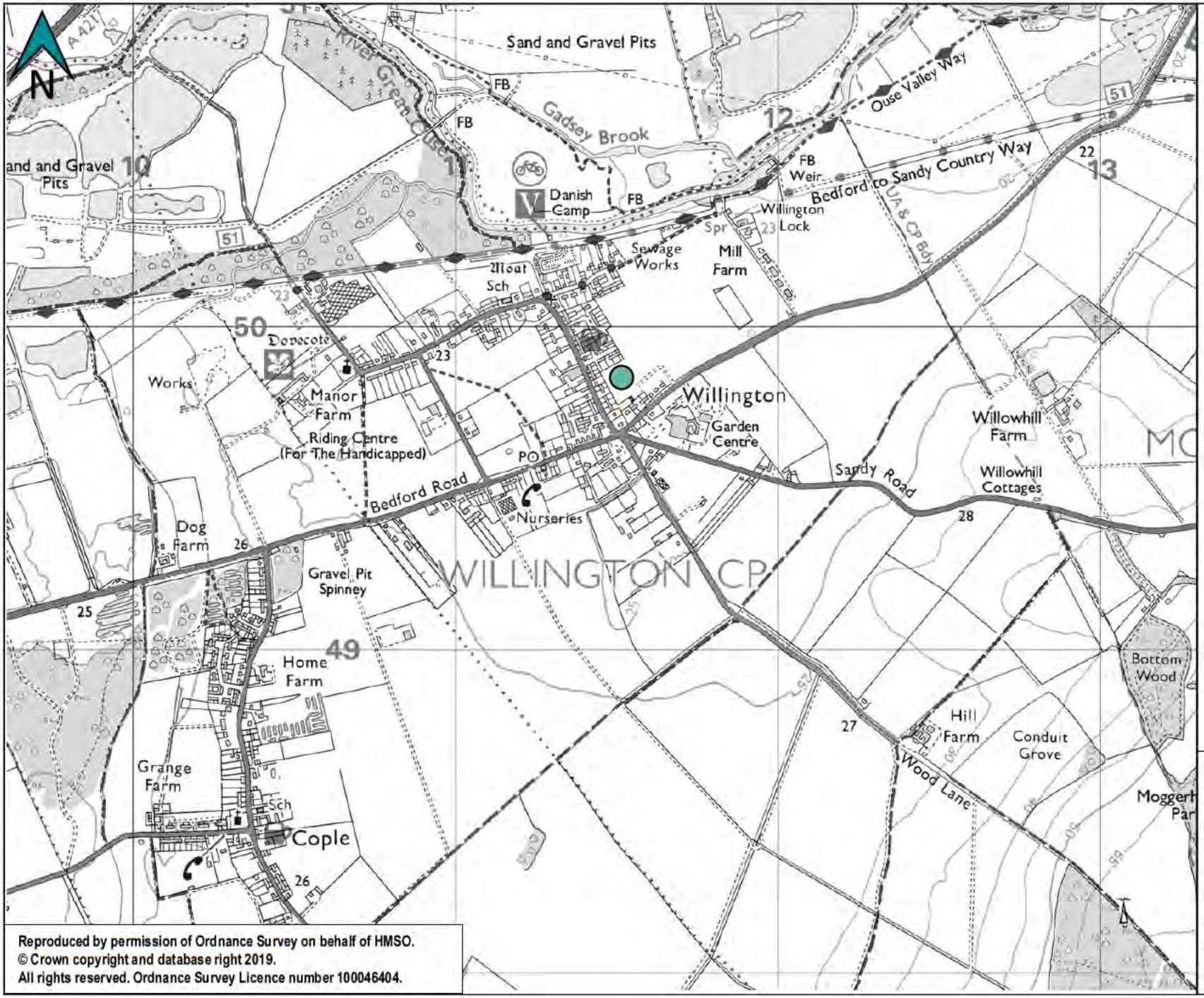
5.5 Bearing the above in mind, the NPPF states that:

"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."

5.6 The assessment work undertaken and detailed in this report demonstrates that, in NPPF terms, the development will have a minimal impact on the operation of the local highway network and will not have an unacceptable impact on highway safety.

5.7 On the basis of the above, it is concluded that the proposals accord with national, regional and local transport related policies and, as such, it is considered there are no reasons why the proposals should be resisted on transport grounds.

Figures



Legend

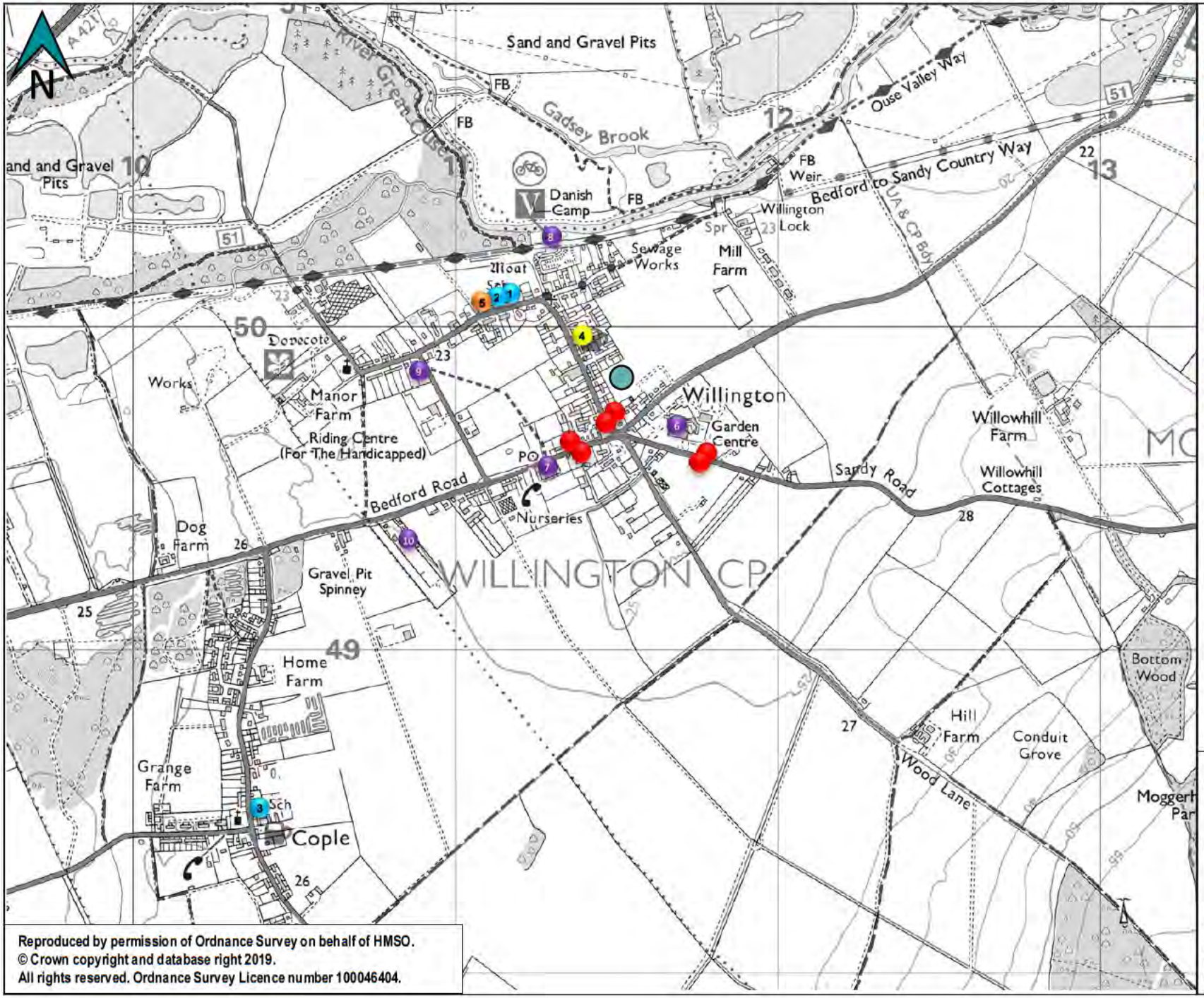
Site Location

hub TRANSPORT PLANNING LTD

Not to Scale

Barford Road, Willington

Figure 1.1 – Site Location Plan

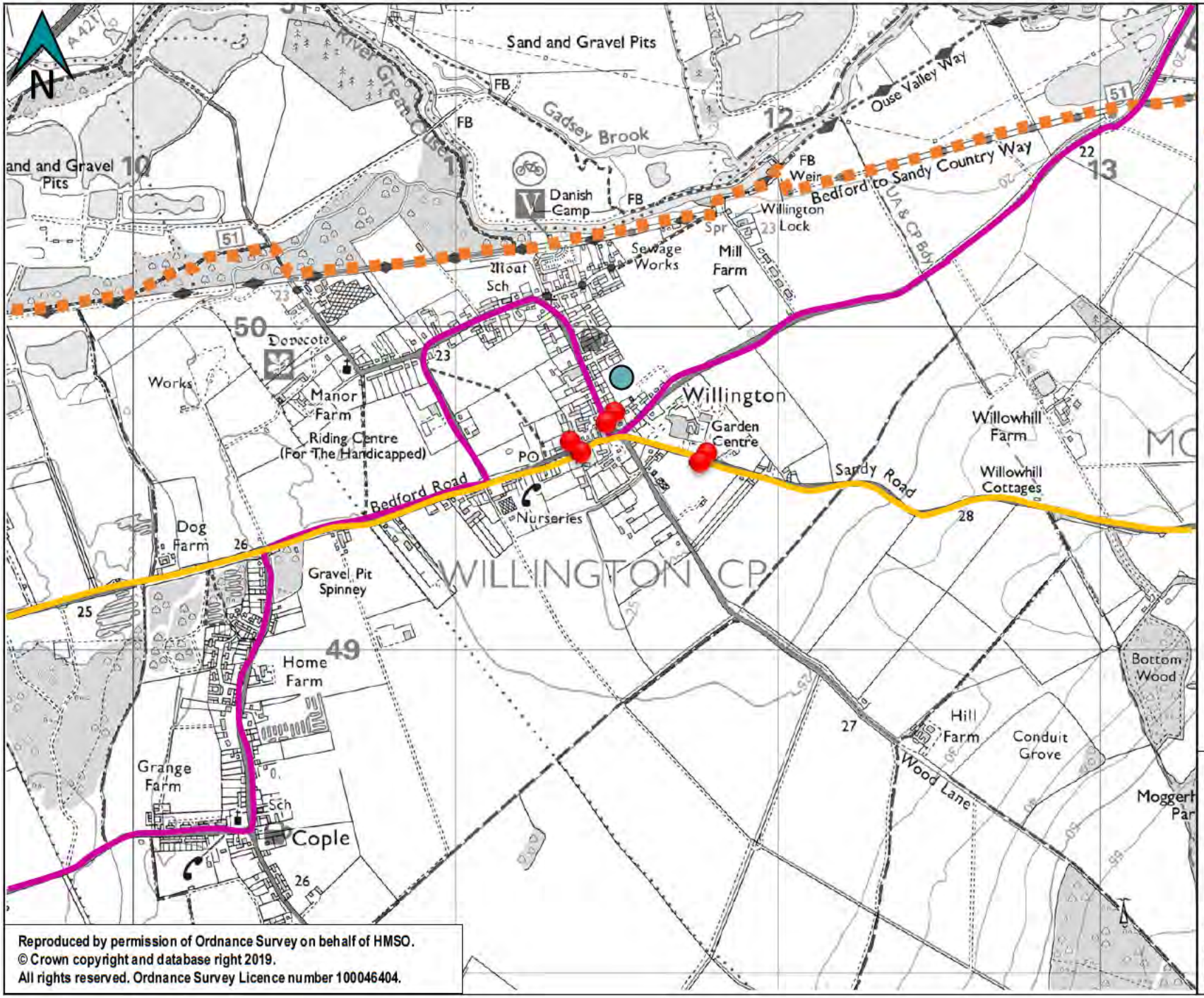


hub TRANSPORT PLANNING LTD

Not to Scale

Barford Road, Willington

Figure 2.1 – Local Facilities


N
Legend
Site Location
Bus Stops
NCR 51
Bus Route 73 (Between Bedford and Biggleswade)
Bus Route 27 (Circular Route from Bedford Bus Station)
Sand and Gravel Pits
River Great Ouse
Gadsey Brook
Ouse Valley Way
Bedford to Sandy Country Way
Danish Camp
Willington Lock
Sewage Works
Mill Farm
Moat Sch
Dovecote
Works
Manor Farm
Riding Centre (For The Handicapped)
Willington
Garden Centre
Willowhill Farm
Willowhill Cottages
Sandy Road
Bedford Road
Nurseries
PO
Dog Farm
Gravel Pit Spinney
WILLINGTON CP
Home Farm
Grange Farm
Cople
Sch
Bottom Wood
Hill Farm
Conduit Grove
Wood Lane
Moggerh Par
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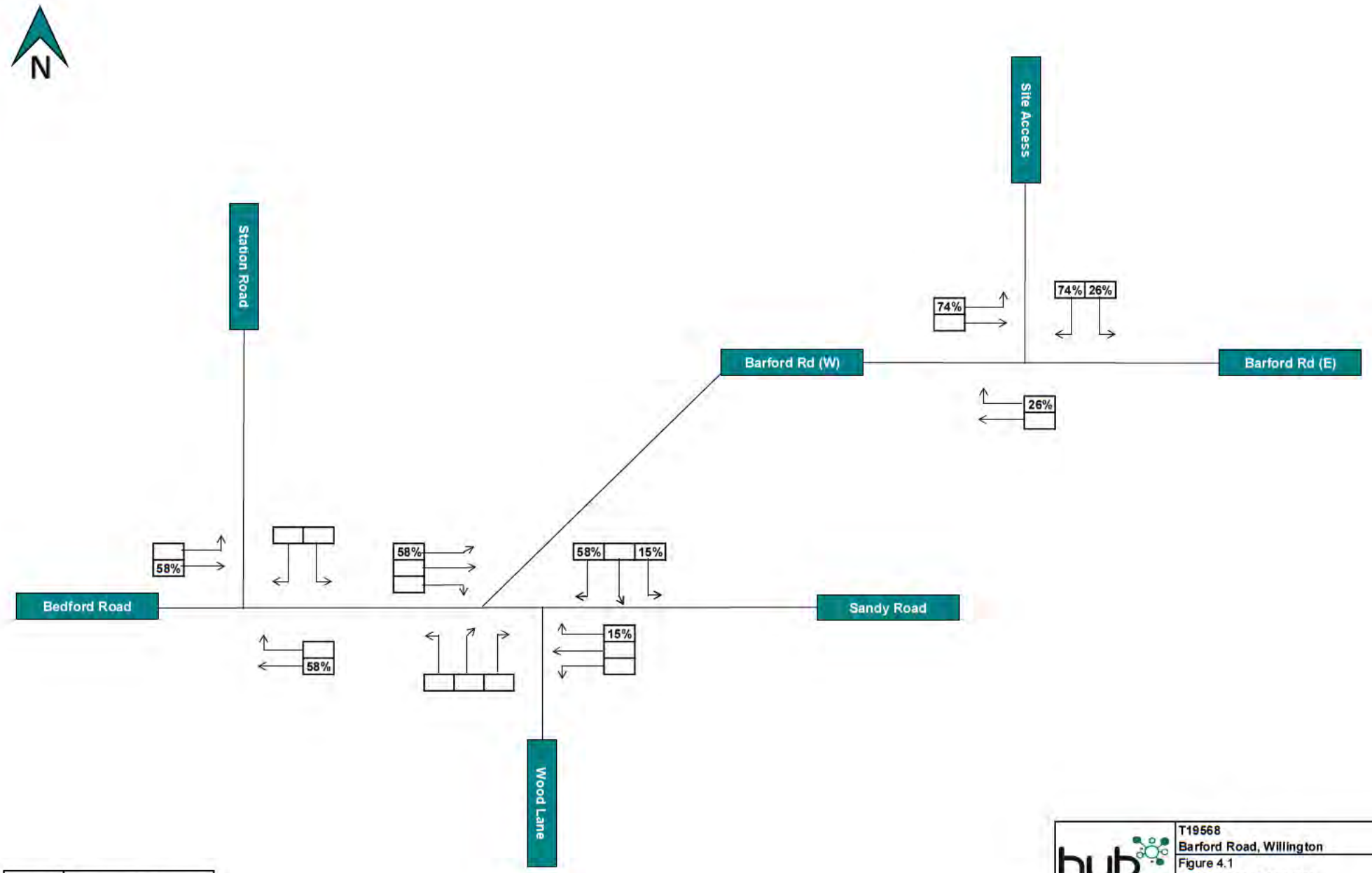
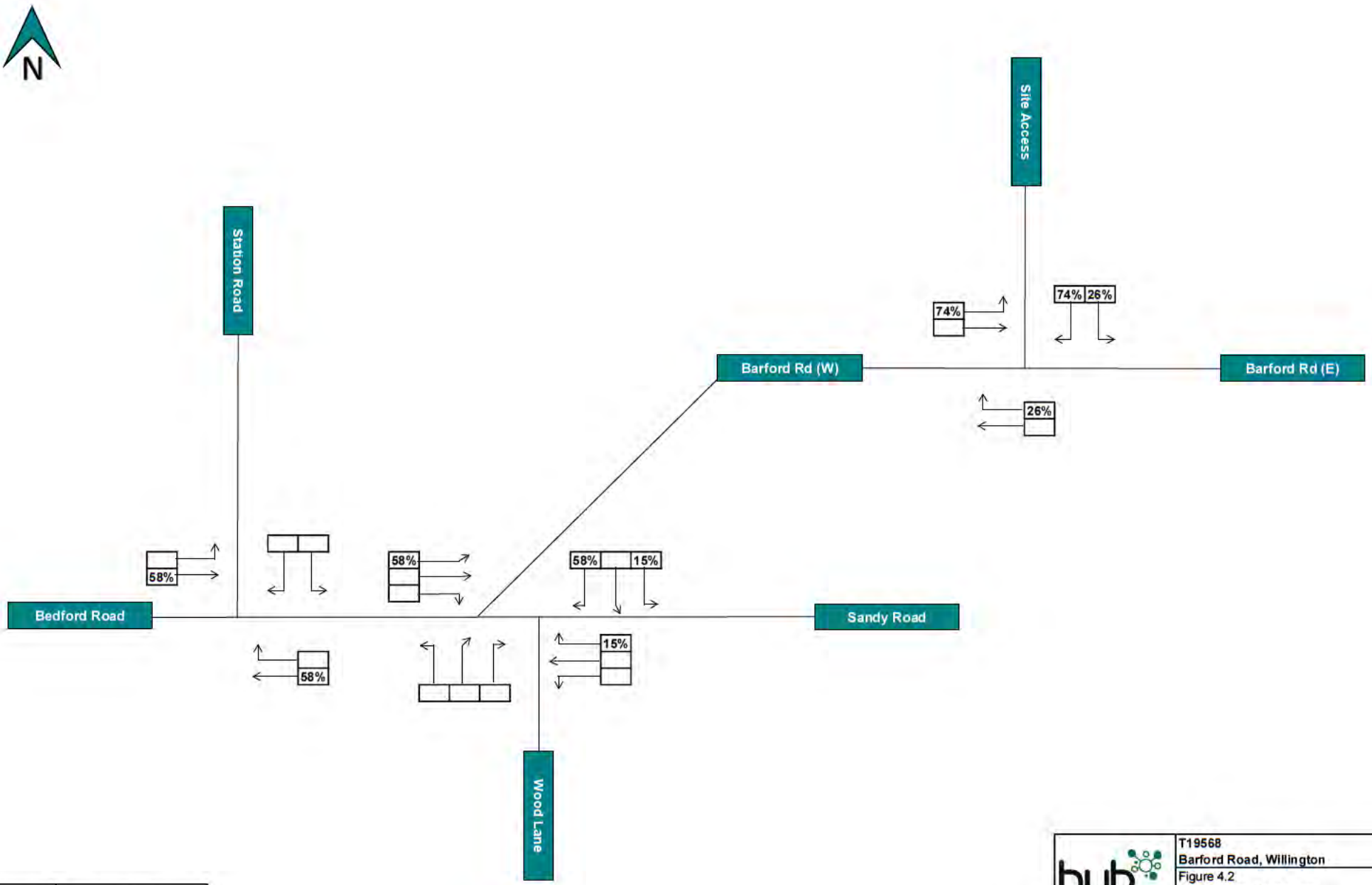
hub
TRANSPORT PLANNING LTD
Not to Scale
Barford Road, Willington
Figure 2.2 – Cycle/Bus Routes

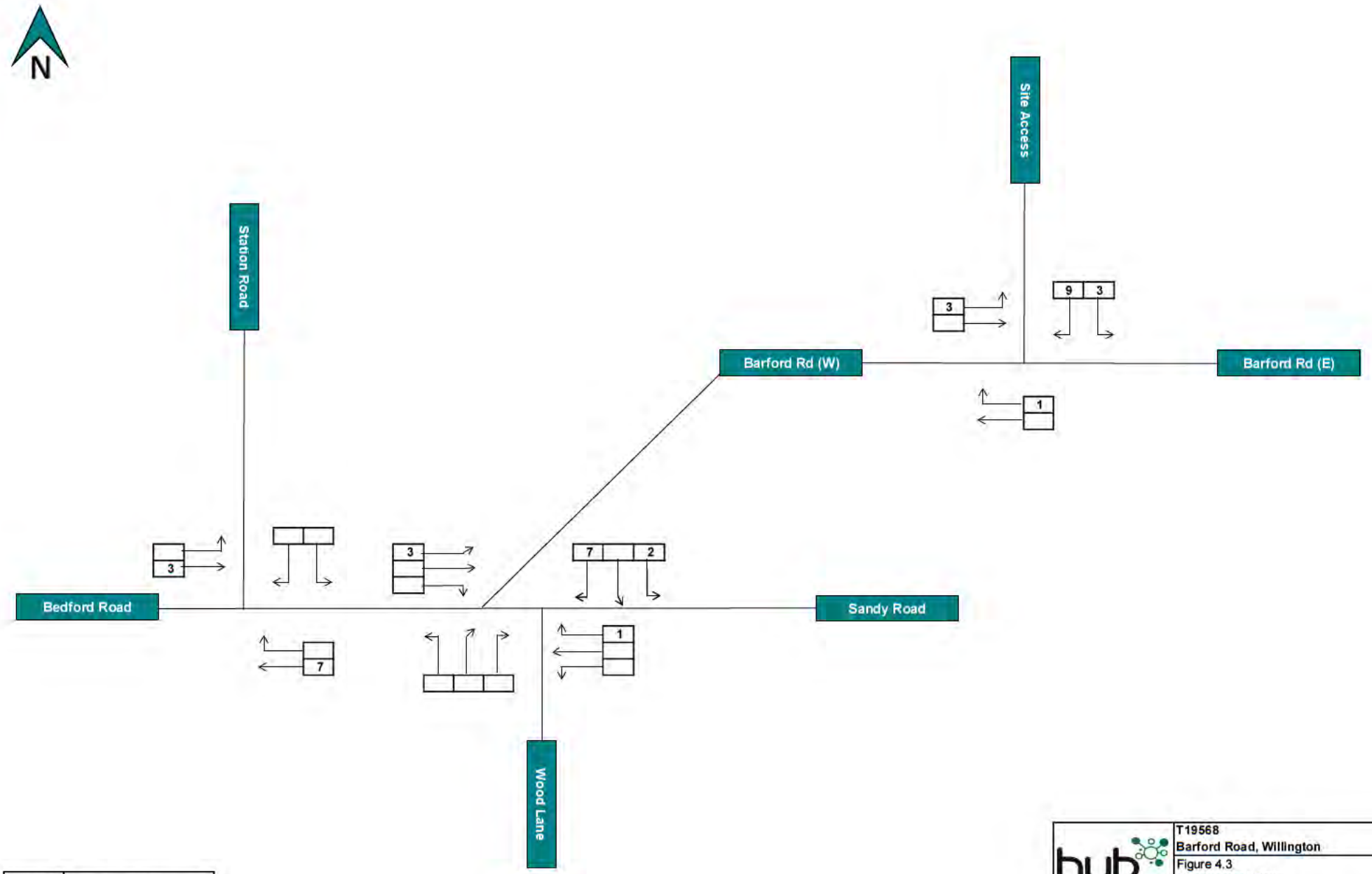


123	Total Vehicles

hub TRANSPORT PLANNING LTD	T19568 Barford Road, Willington Figure 4.1 Development Distribution AM Peak Hour: 07:00 - 08:00

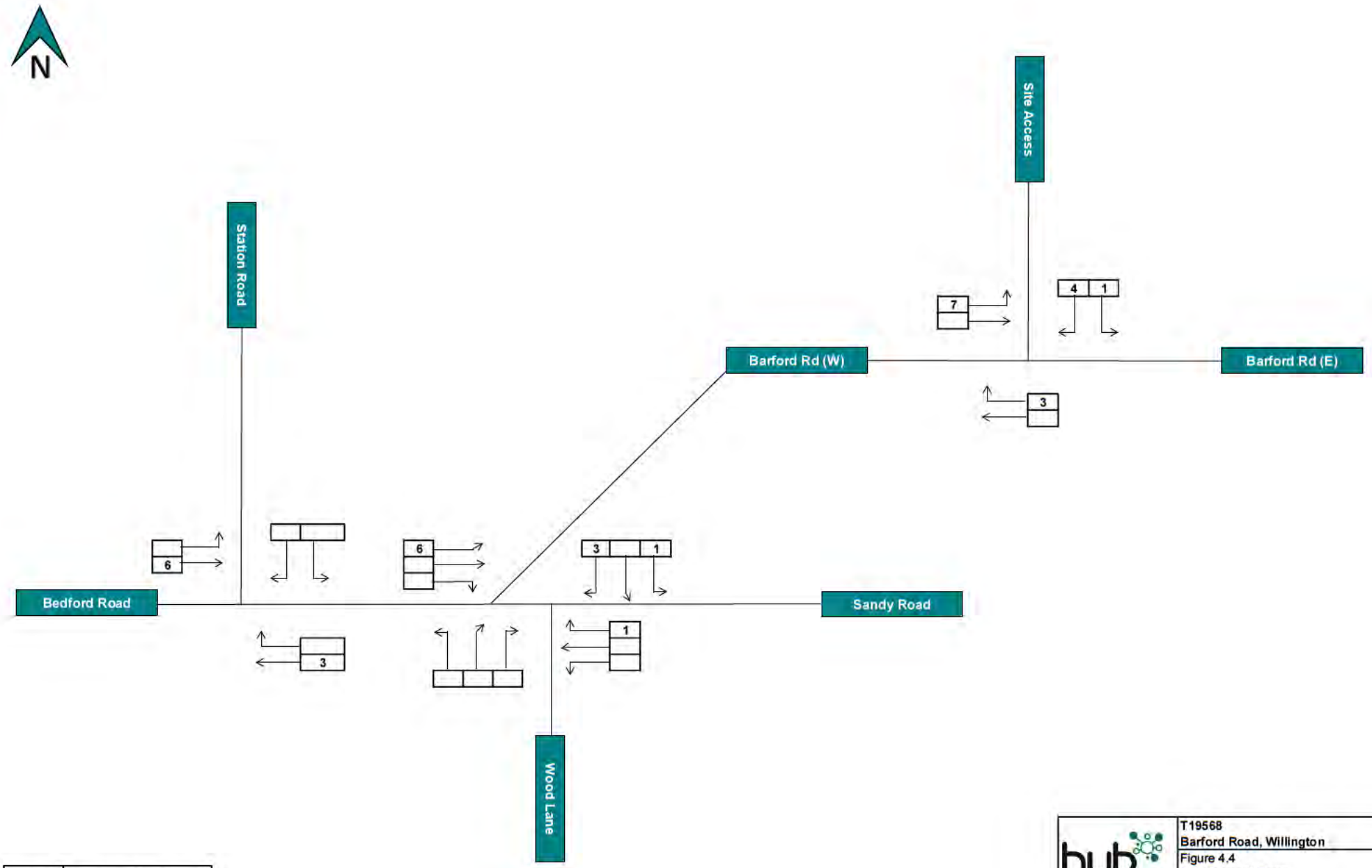


hub TRANSPORT PLANNING LTD	T19568 Barford Road, Willington Figure 4.2 Development Distribution PM Peak Hour: 16:30 - 17:30



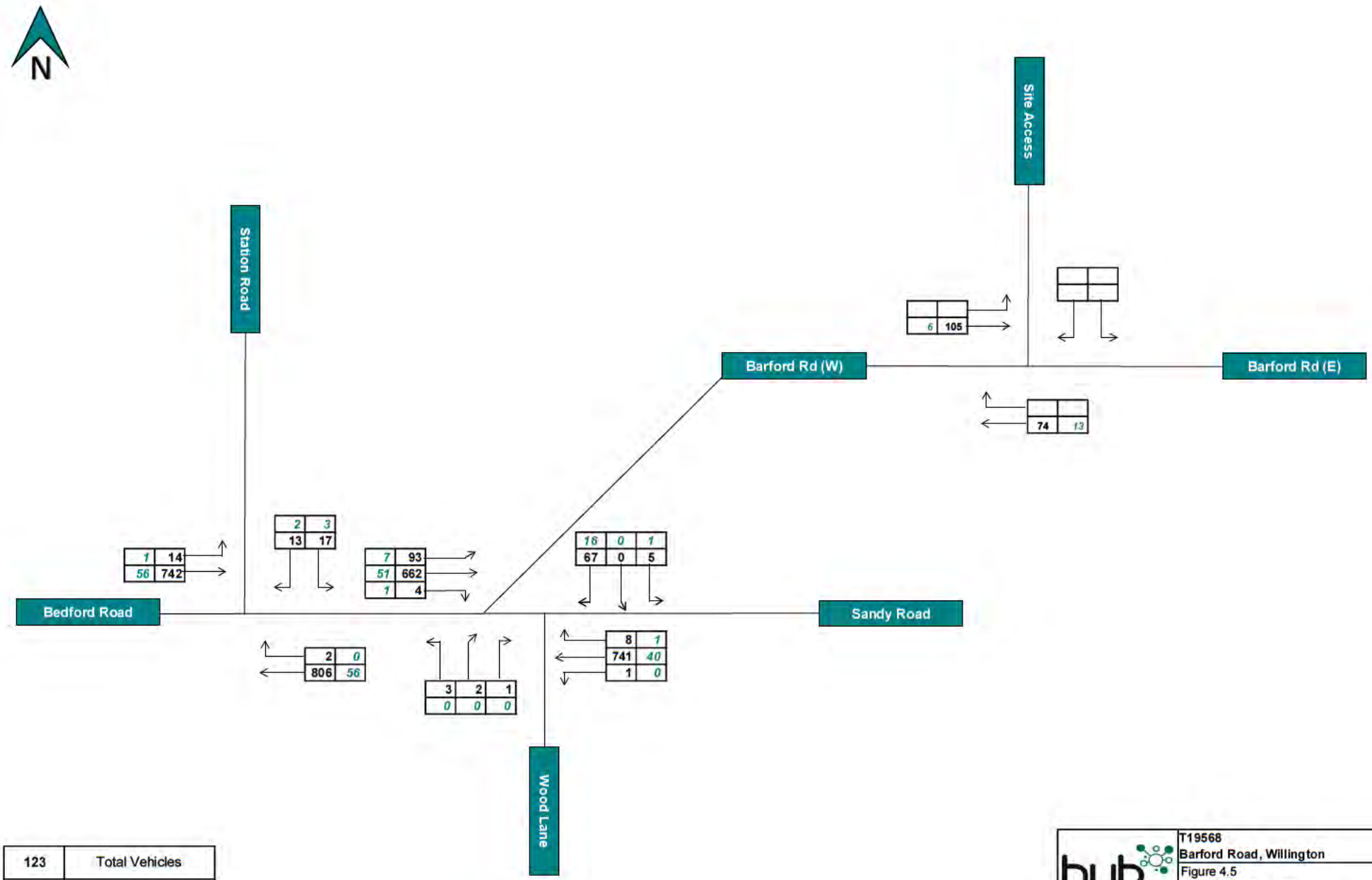
123	Total Vehicles

hub TRANSPORT PLANNING LTD	T19568 Barford Road, Willington Figure 4.3 Development Flows AM Peak Hour: 07 00 - 08:00



123	Total Vehicles

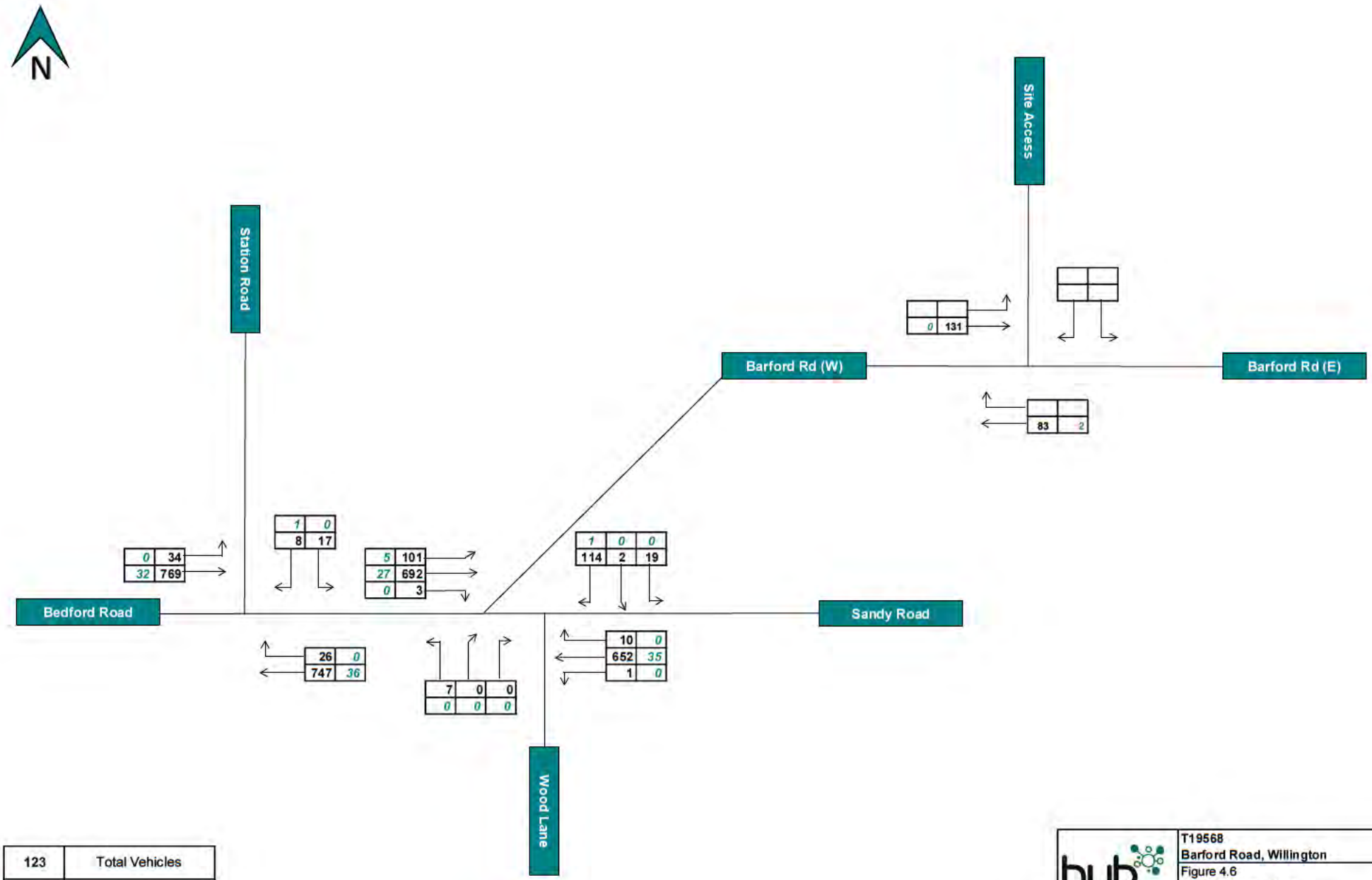
hub TRANSPORT PLANNING LTD.	T19568 Barford Road, Willington Figure 4.4 Development Flows PM Peak Hour: 16:30 - 17:30



123	Total Vehicles
45	Number of HGVs

hub TRANSPORT PLANNING LTD

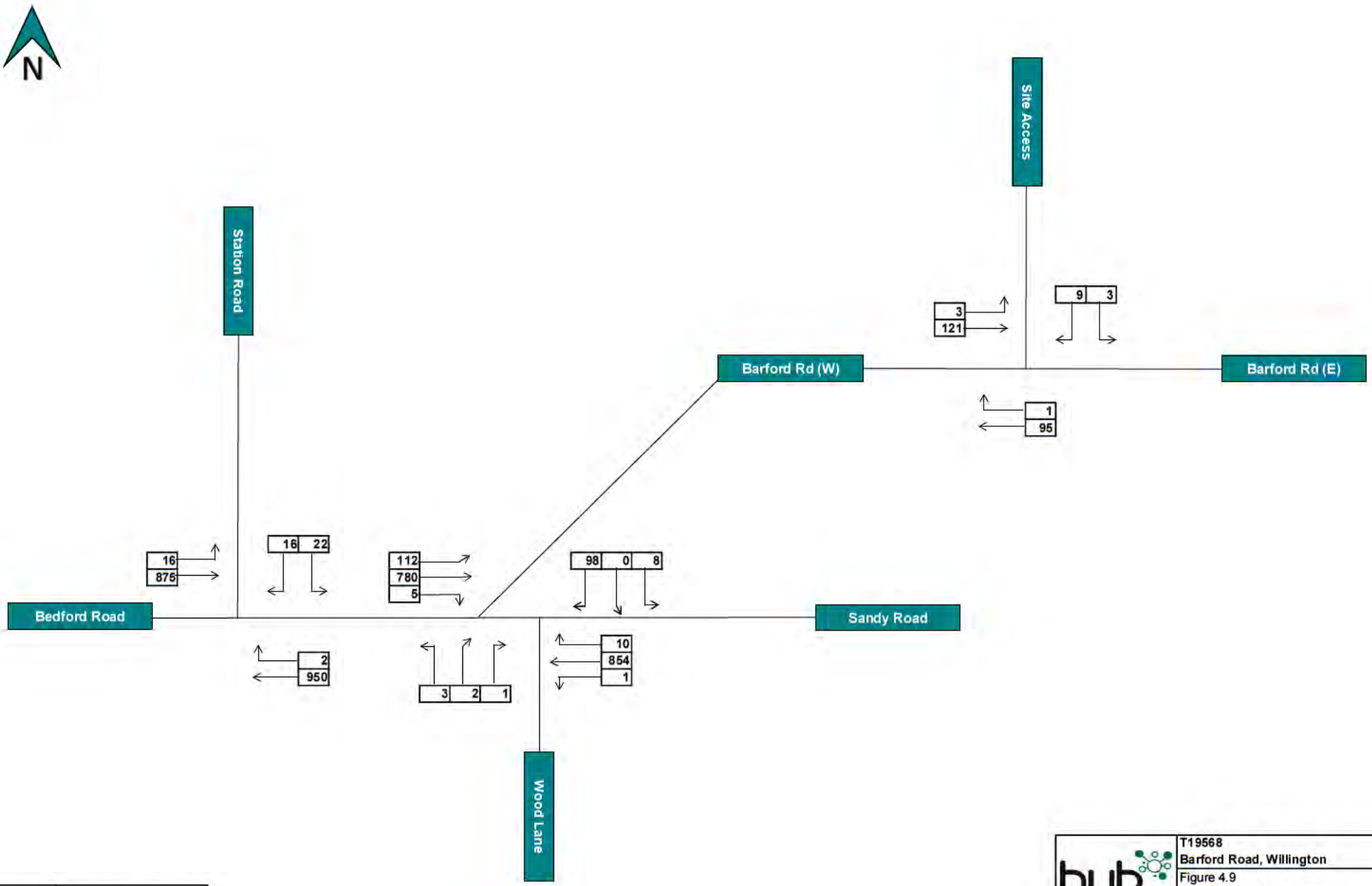
T19568
Barford Road, Willington
Figure 4.5
2019 Surveyed Base
AM Peak Hour: 07 00 - 08:00



123	Total Vehicles
45	Number of HGVs

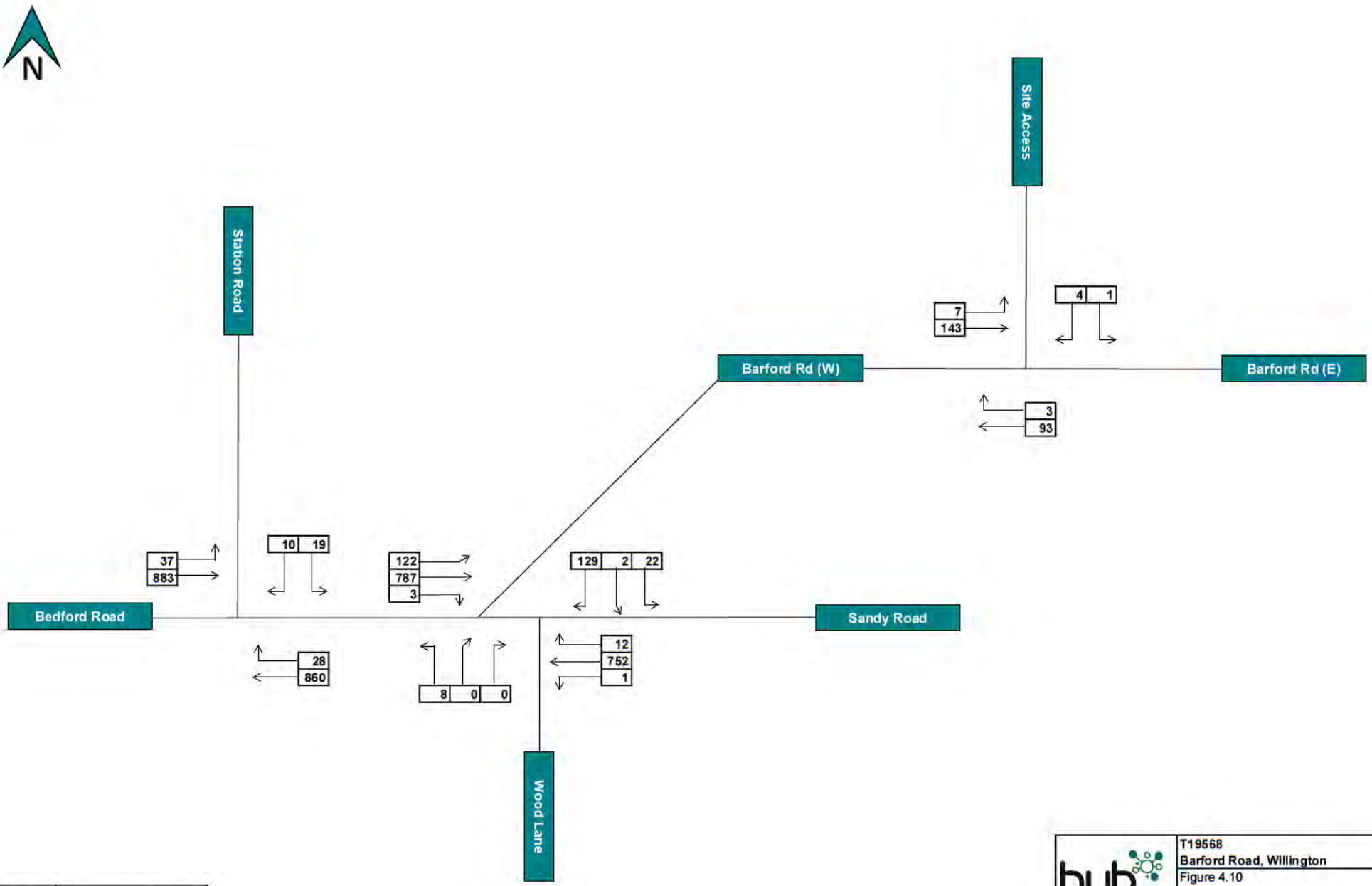
hub TRANSPORT PLANNING LTD

T19568
Barford Road, Willington
Figure 4.6
2019 Surveyed Base
PM Peak Hour: 16:30 - 17:30



123	Total Vehicles

hub TRANSPORT PLANNING LTD	T19568 Barford Road, Willington Figure 4.9 2024 Base + Development AM Peak Hour: 07 00 - 08:00

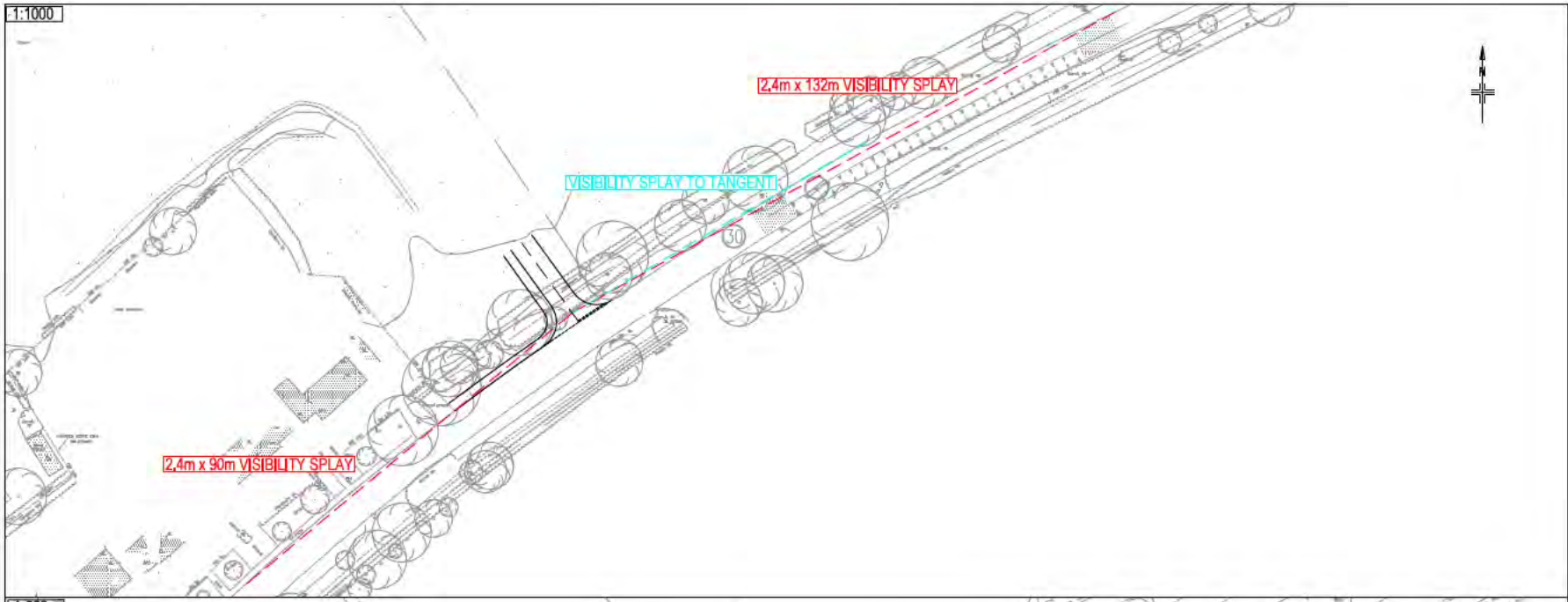


123	Total Vehicles

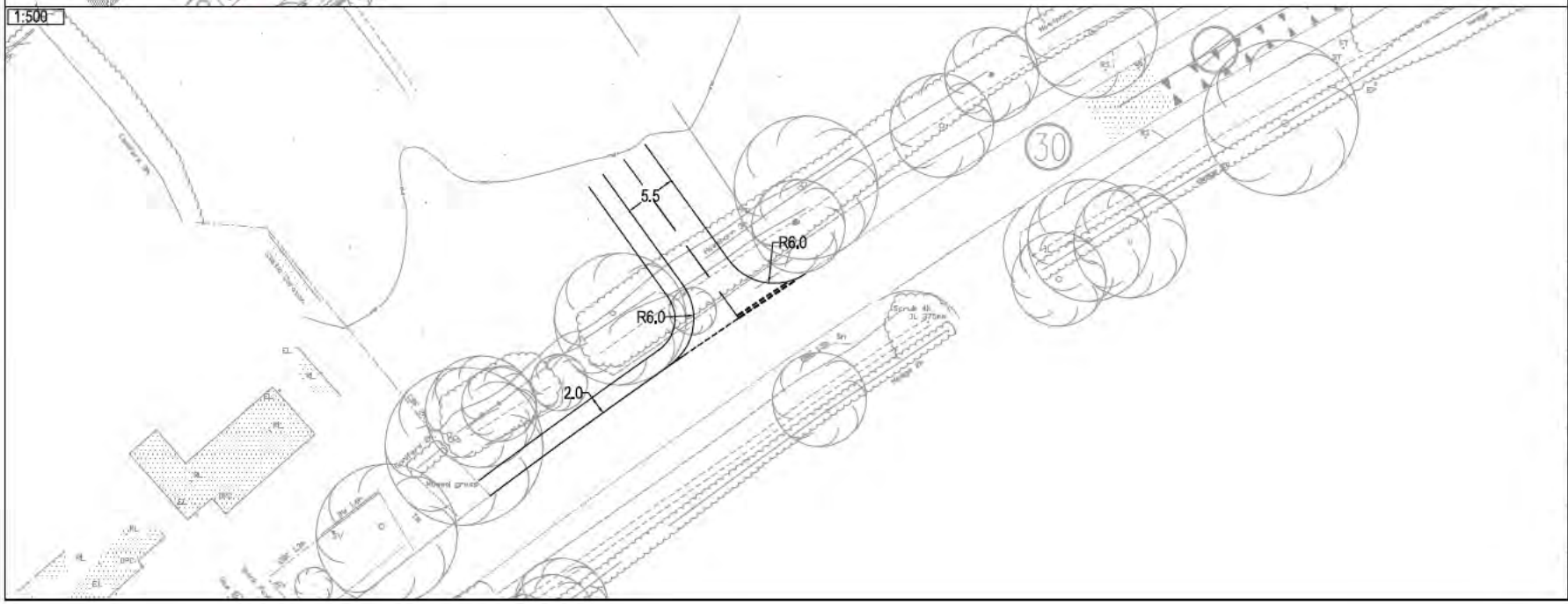
hub TRANSPORT PLANNING LTD	T19568 Barford Road, Willington Figure 4.10 2024 Base + Development PM Peak Hour: 16:30 - 17:30

Drawings

1:1000



1:500



1. THIS DRAWING IS NOT TO BE SCALED FOR CONSTRUCTION PURPOSES.
2. THE CONTRACTOR SHALL CHECK ALL DIMENSIONS AND LEVELS ON SITE.

REV	DESCRIPTION	DATE	BY	AUTH
B	LOCATION OF SITE ACCESS JUNCTION AMENDED	25.11.19	LB	JC
A	LOCATION OF SITE ACCESS JUNCTION AMENDED	07.10.19	JC	JP

Hub Transport Planning Ltd
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66/68 Hagley Road
Edgbaston
Birmingham
West Midlands
B16 8PF

T : 0121 454 5530

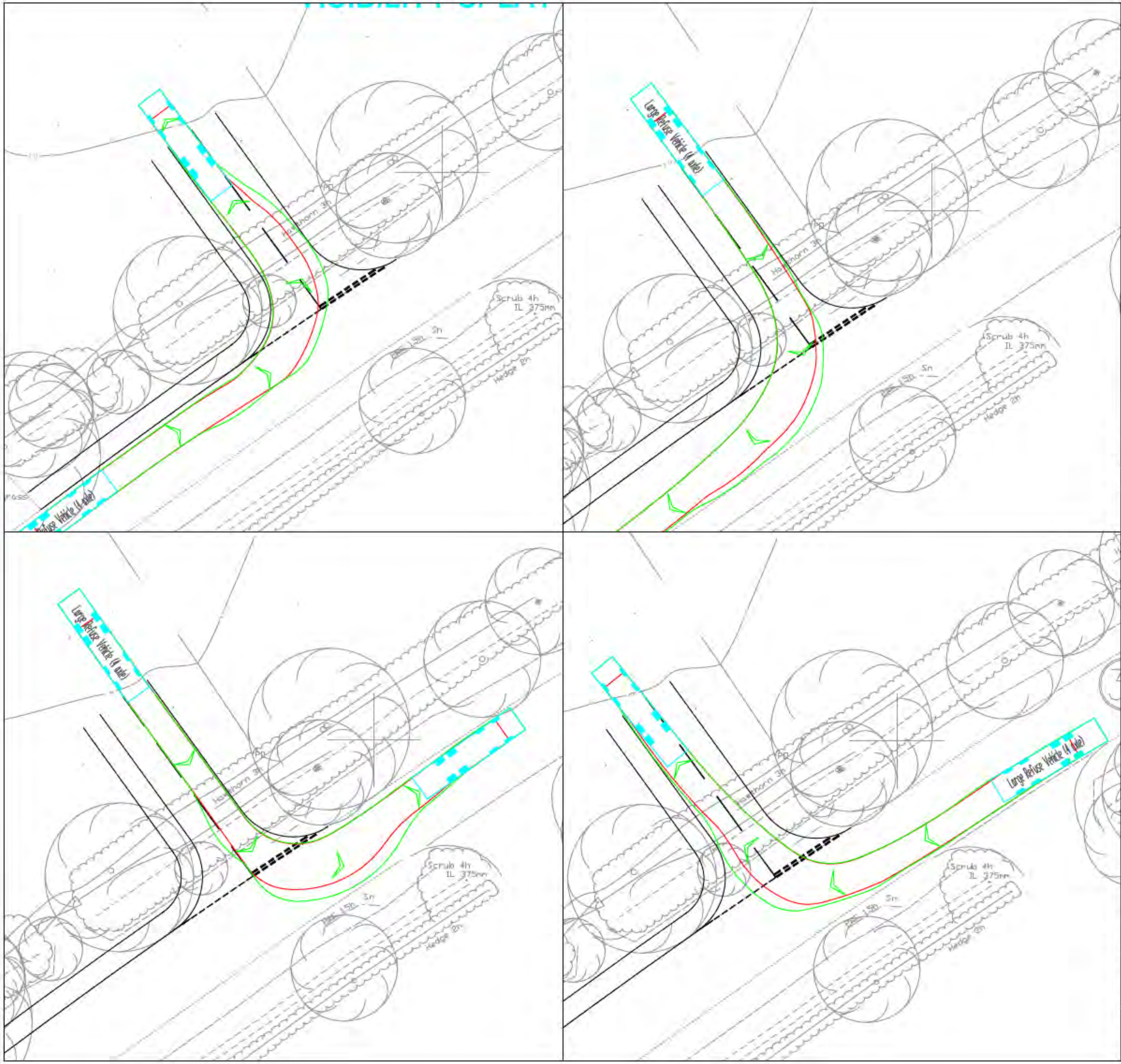
CLIENT
FISHER GERMAN

PROJECT
BARFORD ROAD, WILLINGTON

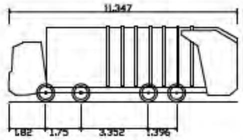
TITLE
SITE ACCESS

DRAWN	AUTHORISED	SCALE	SHEET SIZE	DATE
LB	JC	AS SHOWN	A3	19.08.19

PROJECT NO.	DRAWING NO.	REV
T19568	001	B



1. THIS DRAWING IS NOT TO BE SCALED FOR CONSTRUCTION PURPOSES.
2. THE CONTRACTOR SHALL CHECK ALL DIMENSIONS AND LEVELS ON SITE.



Large Refuse Vehicle (4 axle)	
Overall Length	11.347m
Overall Width	2.500m
Overall Body Height	3.751m
Min Body Ground Clearance	0.304m
Track Width	2.500m
Lock to lock time	6.00s
Wall to Wall Turning Radius	11.330m

REV	DESCRIPTION	DATE	BY	AUTH
B	LOCATION OF SITE ACCESS JUNCTION AMENDED	25.11.19	LB	JC
A	LOCATION OF SITE ACCESS JUNCTION AMENDED	07.10.19	JC	JP

hub TRANSPORT PLANNING LTD

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B16 8PF

T : 0121 454 5530

CLIENT
FISHER GERMAN

PROJECT
BARFORD ROAD, WILLINGTON

TITLE
SWEPT PATH ANALYSIS
REFUSE VEHICLE

DRAWN	AUTHORISED	SCALE	SHEET SIZE	DATE
LB	JP	1:500	A4	20.08.19

PROJECT NO.	DRAWING NO.	REV
T19568	002	B

Appendix A

ATC Data

24409		WILLINGTON							
		JULY 2019							
Site	Location	Direction	Start Date	End Date	Posted Speed Limit (PSL)	Total Vehicles	5 Day Ave.	7 Day Ave.	Average 85%ile Speed
Site No: 24409001	Site 1, Barford Road, Willington (Tree) TL 11589 49748	Channel: Eastbound	Tue 09-Jul-19	Mon 15-Jul-19	30	8053	1282	1150	39.9
		Channel: Westbound	Tue 09-Jul-19	Mon 15-Jul-19		6826	1079	975	38.5

24409		WILLINGTON				
		JULY 2019				
Site	Location	Direction	Start Date	End Date	Posted Speed Limit (PSL)	Average Mean Speed
Site No: 24409001	Site 1, Barford Road, Willington (Tree) TL 11589 49748	Channel: Eastbound	Tue 09-Jul-19	Mon 15-Jul-19	30	31.7
		Channel: Westbound	Tue 09-Jul-19	Mon 15-Jul-19		31.7

24409		WILLINGTON			Site No: 24409001		Location	Site 1, Barford Road, Willington (Tree)			
Tue 09-Jul-19 to Mon 15-Jul-19					Channel: Eastbound						
TIME PERIOD	**TOTAL VEHICLES**	**MOTOR-CYCLES**	**MOTOR-CYCLES%**	**CARS**	**CARS %**	**LGV**	**LGV %**	**HGV**	**HGV %**	**BUS**	**BUS %**
Tue 09-Jul-19											
00:00	5	0	0.0	5	100.0	0	0.0	0	0.0	0	0.0
01:00	1	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0
02:00	0	0	-	0	-	0	-	0	-	0	-
03:00	1	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0
04:00	6	0	0.0	3	50.0	3	50.0	0	0.0	0	0.0
05:00	7	0	0.0	7	100.0	0	0.0	0	0.0	0	0.0
06:00	32	2	6.3	26	81.3	4	12.5	0	0.0	0	0.0
07:00	103	2	1.9	85	82.5	10	9.7	6	5.8	0	0.0
08:00	71	1	1.4	55	77.5	7	9.9	8	11.3	0	0.0
09:00	74	0	0.0	51	68.9	18	24.3	5	6.8	0	0.0
10:00	78	1	1.3	55	70.5	14	18.0	8	10.3	0	0.0
11:00	79	0	0.0	64	81.0	10	12.7	4	5.1	1	1.3
12:00	77	2	2.6	65	84.4	3	3.9	6	7.8	1	1.3
13:00	93	1	1.1	75	80.7	12	12.9	5	5.4	0	0.0
14:00	103	1	1.0	83	80.6	12	11.7	7	6.8	0	0.0
15:00	120	1	0.8	104	86.7	11	9.2	4	3.3	0	0.0
16:00	129	1	0.8	106	82.2	9	7.0	13	10.1	0	0.0
17:00	132	2	1.5	122	92.4	7	5.3	1	0.8	0	0.0
18:00	70	5	7.1	60	85.7	4	5.7	1	1.4	0	0.0
19:00	32	1	3.1	28	87.5	3	9.4	0	0.0	0	0.0
20:00	24	0	0.0	23	95.8	1	4.2	0	0.0	0	0.0
21:00	16	0	0.0	14	87.5	1	6.3	1	6.3	0	0.0
22:00	15	0	0.0	12	80.0	3	20.0	0	0.0	0	0.0
23:00	10	0	0.0	8	80.0	0	0.0	2	20.0	0	0.0
12H,7-19	1129	17	1.5	925	81.9	117	10.4	68	6.0	2	0.2
16H,6-22	1233	20	1.6	1016	82.4	126	10.2	69	5.6	2	0.2
18H,6-24	1258	20	1.6	1036	82.4	129	10.3	71	5.6	2	0.2
24H,0-24	1278	20	1.6	1053	82.4	132	10.3	71	5.6	2	0.2

24409		WILLINGTON			Site No: 24409001		Location	Site 1, Barford Road, Willington (Tree)			
Tue 09-Jul-19 to Mon 15-Jul-19					Channel: Eastbound						
TIME PERIOD	**TOTAL VEHICLES**	**MOTOR-CYCLES**	**MOTOR-CYCLES%**	**CARS**	**CARS %**	**LGV**	**LGV %**	**HGV**	**HGV %**	**BUS**	**BUS %**
Wed 10-Jul-19											
00:00	2	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0
01:00	1	0	0.0	0	0.0	1	100.0	0	0.0	0	0.0
02:00	0	0	-	0	-	0	-	0	-	0	-
03:00	2	0	0.0	1	50.0	1	50.0	0	0.0	0	0.0
04:00	3	0	0.0	2	66.7	1	33.3	0	0.0	0	0.0
05:00	8	0	0.0	7	87.5	0	0.0	1	12.5	0	0.0
06:00	44	2	4.6	34	77.3	7	15.9	1	2.3	0	0.0
07:00	104	1	1.0	93	89.4	5	4.8	5	4.8	0	0.0
08:00	71	0	0.0	52	73.2	12	16.9	7	9.9	0	0.0
09:00	62	3	4.8	40	64.5	11	17.7	8	12.9	0	0.0
10:00	61	1	1.6	49	80.3	9	14.8	2	3.3	0	0.0
11:00	72	1	1.4	55	76.4	11	15.3	5	6.9	0	0.0
12:00	67	0	0.0	54	80.6	9	13.4	4	6.0	0	0.0
13:00	92	2	2.2	71	77.2	7	7.6	11	12.0	1	1.1
14:00	78	2	2.6	64	82.1	9	11.5	3	3.9	0	0.0
15:00	108	0	0.0	94	87.0	11	10.2	3	2.8	0	0.0
16:00	131	0	0.0	103	78.6	12	9.2	16	12.2	0	0.0
17:00	123	0	0.0	116	94.3	7	5.7	0	0.0	0	0.0
18:00	70	1	1.4	60	85.7	8	11.4	0	0.0	1	1.4
19:00	40	0	0.0	37	92.5	2	5.0	1	2.5	0	0.0
20:00	28	1	3.6	27	96.4	0	0.0	0	0.0	0	0.0
21:00	15	0	0.0	13	86.7	2	13.3	0	0.0	0	0.0
22:00	10	0	0.0	10	100.0	0	0.0	0	0.0	0	0.0
23:00	8	0	0.0	6	75.0	0	0.0	2	25.0	0	0.0
12H,7-19	1039	11	1.1	851	81.9	111	10.7	64	6.2	2	0.2
16H,6-22	1166	14	1.2	962	82.5	122	10.5	66	5.7	2	0.2
18H,6-24	1184	14	1.2	978	82.6	122	10.3	68	5.7	2	0.2
24H,0-24	1200	14	1.2	990	82.5	125	10.4	69	5.8	2	0.2

24409		WILLINGTON			Site No: 24409001		Location	Site 1, Barford Road, Willington (Tree)			
Tue 09-Jul-19 to Mon 15-Jul-19					Channel: Eastbound						
TIME PERIOD	**TOTAL VEHICLES**	**MOTOR-CYCLES**	**MOTOR-CYCLES%**	**CARS**	**CARS %**	**LGV**	**LGV %**	**HGV**	**HGV %**	**BUS**	**BUS %**
Thu 11-Jul-19											
00:00	3	0	0.0	2	66.7	0	0.0	1	33.3	0	0.0
01:00	4	0	0.0	4	100.0	0	0.0	0	0.0	0	0.0
02:00	0	0	-	0	-	0	-	0	-	0	-
03:00	4	0	0.0	4	100.0	0	0.0	0	0.0	0	0.0
04:00	5	0	0.0	4	80.0	1	20.0	0	0.0	0	0.0
05:00	12	1	8.3	10	83.3	0	0.0	1	8.3	0	0.0
06:00	37	1	2.7	34	91.9	2	5.4	0	0.0	0	0.0
07:00	106	2	1.9	92	86.8	9	8.5	3	2.8	0	0.0
08:00	73	0	0.0	56	76.7	8	11.0	9	12.3	0	0.0
09:00	59	0	0.0	46	78.0	7	11.9	6	10.2	0	0.0
10:00	61	0	0.0	48	78.7	10	16.4	3	4.9	0	0.0
11:00	71	1	1.4	59	83.1	8	11.3	3	4.2	0	0.0
12:00	87	0	0.0	76	87.4	8	9.2	2	2.3	1	1.2
13:00	79	2	2.5	60	76.0	12	15.2	5	6.3	0	0.0
14:00	94	2	2.1	82	87.2	6	6.4	4	4.3	0	0.0
15:00	129	0	0.0	105	81.4	13	10.1	10	7.8	1	0.8
16:00	122	2	1.6	92	75.4	7	5.7	19	15.6	2	1.6
17:00	170	2	1.2	157	92.4	10	5.9	1	0.6	0	0.0
18:00	85	3	3.5	75	88.2	7	8.2	0	0.0	0	0.0
19:00	51	2	3.9	43	84.3	4	7.8	2	3.9	0	0.0
20:00	26	2	7.7	21	80.8	1	3.9	1	3.9	1	3.9
21:00	23	0	0.0	19	82.6	4	17.4	0	0.0	0	0.0
22:00	6	0	0.0	6	100.0	0	0.0	0	0.0	0	0.0
23:00	3	0	0.0	3	100.0	0	0.0	0	0.0	0	0.0
12H,7-19	1136	14	1.2	948	83.5	105	9.2	65	5.7	4	0.4
16H,6-22	1273	19	1.5	1065	83.7	116	9.1	68	5.3	5	0.4
18H,6-24	1282	19	1.5	1074	83.8	116	9.1	68	5.3	5	0.4
24H,0-24	1310	20	1.5	1098	83.8	117	8.9	70	5.3	5	0.4

24409		WILLINGTON			Site No: 24409001		Location	Site 1, Barford Road, Willington (Tree)			
Tue 09-Jul-19 to Mon 15-Jul-19					Channel: Eastbound						
TIME PERIOD	**TOTAL VEHICLES**	**MOTOR-CYCLES**	**MOTOR-CYCLES%**	**CARS**	**CARS %**	**LGV**	**LGV %**	**HGV**	**HGV %**	**BUS**	**BUS %**
Fri 12-Jul-19											
00:00	4	0	0.0	3	75.0	1	25.0	0	0.0	0	0.0
01:00	0	0	-	0	-	0	-	0	-	0	-
02:00	1	0	0.0	0	0.0	1	100.0	0	0.0	0	0.0
03:00	1	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0
04:00	4	0	0.0	3	75.0	1	25.0	0	0.0	0	0.0
05:00	8	0	0.0	7	87.5	1	12.5	0	0.0	0	0.0
06:00	43	1	2.3	38	88.4	3	7.0	1	2.3	0	0.0
07:00	99	2	2.0	86	86.9	8	8.1	3	3.0	0	0.0
08:00	78	1	1.3	57	73.1	9	11.5	10	12.8	1	1.3
09:00	92	0	0.0	67	72.8	16	17.4	8	8.7	1	1.1
10:00	72	1	1.4	60	83.3	7	9.7	4	5.6	0	0.0
11:00	73	1	1.4	54	74.0	11	15.1	7	9.6	0	0.0
12:00	101	2	2.0	84	83.2	7	6.9	7	6.9	1	1.0
13:00	105	1	1.0	87	82.9	14	13.3	2	1.9	1	1.0
14:00	109	5	4.6	90	82.6	7	6.4	6	5.5	1	0.9
15:00	151	0	0.0	132	87.4	11	7.3	7	4.6	1	0.7
16:00	157	0	0.0	131	83.4	7	4.5	19	12.1	0	0.0
17:00	115	2	1.7	103	89.6	9	7.8	1	0.9	0	0.0
18:00	67	2	3.0	60	89.6	4	6.0	0	0.0	1	1.5
19:00	53	1	1.9	48	90.6	4	7.6	0	0.0	0	0.0
20:00	28	0	0.0	26	92.9	2	7.1	0	0.0	0	0.0
21:00	23	1	4.4	19	82.6	3	13.0	0	0.0	0	0.0
22:00	15	0	0.0	15	100.0	0	0.0	0	0.0	0	0.0
23:00	10	0	0.0	9	90.0	0	0.0	1	10.0	0	0.0
12H,7-19	1219	17	1.4	1011	82.9	110	9.0	74	6.1	7	0.6
16H,6-22	1366	20	1.5	1142	83.6	122	8.9	75	5.5	7	0.5
18H,6-24	1391	20	1.4	1166	83.8	122	8.8	76	5.5	7	0.5
24H,0-24	1409	20	1.4	1180	83.8	126	8.9	76	5.4	7	0.5

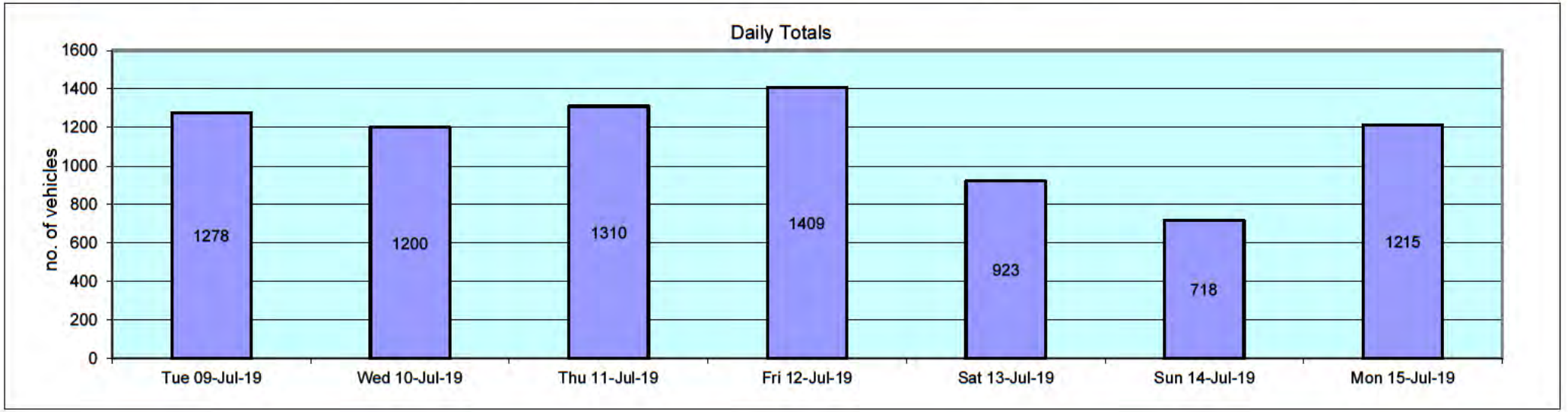
24409		WILLINGTON			Site No: 24409001		Location	Site 1, Barford Road, Willington (Tree)			
Tue 09-Jul-19 to Mon 15-Jul-19					Channel: Eastbound						
TIME PERIOD	**TOTAL VEHICLES**	**MOTOR-CYCLES**	**MOTOR-CYCLES%**	**CARS**	**CARS %**	**LGV**	**LGV %**	**HGV**	**HGV %**	**BUS**	**BUS %**
Sat 13-Jul-19											
00:00	7	0	0.0	5	71.4	2	28.6	0	0.0	0	0.0
01:00	4	0	0.0	3	75.0	1	25.0	0	0.0	0	0.0
02:00	2	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0
03:00	3	0	0.0	2	66.7	1	33.3	0	0.0	0	0.0
04:00	2	0	0.0	1	50.0	1	50.0	0	0.0	0	0.0
05:00	6	0	0.0	6	100.0	0	0.0	0	0.0	0	0.0
06:00	12	1	8.3	11	91.7	0	0.0	0	0.0	0	0.0
07:00	28	1	3.6	25	89.3	2	7.1	0	0.0	0	0.0
08:00	31	0	0.0	27	87.1	4	12.9	0	0.0	0	0.0
09:00	57	0	0.0	49	86.0	6	10.5	2	3.5	0	0.0
10:00	68	2	2.9	61	89.7	4	5.9	1	1.5	0	0.0
11:00	89	2	2.3	76	85.4	10	11.2	1	1.1	0	0.0
12:00	81	1	1.2	75	92.6	2	2.5	3	3.7	0	0.0
13:00	78	3	3.9	69	88.5	5	6.4	1	1.3	0	0.0
14:00	80	1	1.3	72	90.0	7	8.8	0	0.0	0	0.0
15:00	89	3	3.4	84	94.4	2	2.3	0	0.0	0	0.0
16:00	81	0	0.0	79	97.5	2	2.5	0	0.0	0	0.0
17:00	68	0	0.0	64	94.1	2	2.9	2	2.9	0	0.0
18:00	39	0	0.0	37	94.9	2	5.1	0	0.0	0	0.0
19:00	37	0	0.0	35	94.6	2	5.4	0	0.0	0	0.0
20:00	23	2	8.7	21	91.3	0	0.0	0	0.0	0	0.0
21:00	14	0	0.0	13	92.9	1	7.1	0	0.0	0	0.0
22:00	19	0	0.0	17	89.5	2	10.5	0	0.0	0	0.0
23:00	5	0	0.0	4	80.0	1	20.0	0	0.0	0	0.0
12H,7-19	789	13	1.7	718	91.0	48	6.1	10	1.3	0	0.0
16H,6-22	875	16	1.8	798	91.2	51	5.8	10	1.1	0	0.0
18H,6-24	899	16	1.8	819	91.1	54	6.0	10	1.1	0	0.0
24H,0-24	923	16	1.7	838	90.8	59	6.4	10	1.1	0	0.0

24409		WILLINGTON			Site No: 24409001		Location	Site 1, Barford Road, Willington (Tree)			
Tue 09-Jul-19 to Mon 15-Jul-19					Channel: Eastbound						
TIME PERIOD	**TOTAL VEHICLES**	**MOTOR-CYCLES**	**MOTOR-CYCLES%**	**CARS**	**CARS %**	**LGV**	**LGV %**	**HGV**	**HGV %**	**BUS**	**BUS %**
Sun 14-Jul-19											
00:00	8	0	0.0	8	100.0	0	0.0	0	0.0	0	0.0
01:00	1	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0
02:00	3	0	0.0	2	66.7	1	33.3	0	0.0	0	0.0
03:00	3	0	0.0	3	100.0	0	0.0	0	0.0	0	0.0
04:00	4	0	0.0	1	25.0	2	50.0	0	0.0	1	25.0
05:00	4	0	0.0	3	75.0	1	25.0	0	0.0	0	0.0
06:00	4	0	0.0	4	100.0	0	0.0	0	0.0	0	0.0
07:00	14	0	0.0	12	85.7	2	14.3	0	0.0	0	0.0
08:00	9	0	0.0	9	100.0	0	0.0	0	0.0	0	0.0
09:00	31	3	9.7	28	90.3	0	0.0	0	0.0	0	0.0
10:00	41	1	2.4	39	95.1	1	2.4	0	0.0	0	0.0
11:00	76	2	2.6	72	94.7	1	1.3	1	1.3	0	0.0
12:00	68	3	4.4	60	88.2	4	5.9	1	1.5	0	0.0
13:00	72	2	2.8	68	94.4	2	2.8	0	0.0	0	0.0
14:00	74	1	1.4	68	91.9	4	5.4	1	1.4	0	0.0
15:00	77	3	3.9	71	92.2	2	2.6	0	0.0	1	1.3
16:00	80	2	2.5	75	93.8	2	2.5	1	1.3	0	0.0
17:00	46	4	8.7	42	91.3	0	0.0	0	0.0	0	0.0
18:00	25	1	4.0	24	96.0	0	0.0	0	0.0	0	0.0
19:00	23	0	0.0	23	100.0	0	0.0	0	0.0	0	0.0
20:00	19	0	0.0	17	89.5	2	10.5	0	0.0	0	0.0
21:00	18	0	0.0	16	88.9	1	5.6	1	5.6	0	0.0
22:00	14	0	0.0	13	92.9	1	7.1	0	0.0	0	0.0
23:00	4	0	0.0	3	75.0	1	25.0	0	0.0	0	0.0
12H,7-19	613	22	3.6	568	92.7	18	2.9	4	0.7	1	0.2
16H,6-22	677	22	3.3	628	92.8	21	3.1	5	0.7	1	0.2
18H,6-24	695	22	3.2	644	92.7	23	3.3	5	0.7	1	0.1
24H,0-24	718	22	3.1	662	92.2	27	3.8	5	0.7	2	0.3

24409		WILLINGTON			Site No: 24409001		Location	Site 1, Barford Road, Willington (Tree)			
Tue 09-Jul-19 to Mon 15-Jul-19					Channel: Eastbound						
TIME PERIOD	**TOTAL VEHICLES**	**MOTOR-CYCLES**	**MOTOR-CYCLES%**	**CARS**	**CARS %**	**LGV**	**LGV %**	**HGV**	**HGV %**	**BUS**	**BUS %**
Mon 15-Jul-19											
00:00	1	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0
01:00	5	0	0.0	5	100.0	0	0.0	0	0.0	0	0.0
02:00	0	0	-	0	-	0	-	0	-	0	-
03:00	2	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0
04:00	6	0	0.0	5	83.3	1	16.7	0	0.0	0	0.0
05:00	13	1	7.7	10	76.9	1	7.7	1	7.7	0	0.0
06:00	29	1	3.5	25	86.2	2	6.9	1	3.5	0	0.0
07:00	114	3	2.6	99	86.8	8	7.0	4	3.5	0	0.0
08:00	85	0	0.0	64	75.3	14	16.5	6	7.1	1	1.2
09:00	64	0	0.0	46	71.9	11	17.2	7	10.9	0	0.0
10:00	52	0	0.0	42	80.8	7	13.5	3	5.8	0	0.0
11:00	69	1	1.5	48	69.6	13	18.8	7	10.1	0	0.0
12:00	85	1	1.2	66	77.7	11	12.9	7	8.2	0	0.0
13:00	81	0	0.0	69	85.2	6	7.4	6	7.4	0	0.0
14:00	70	0	0.0	53	75.7	12	17.1	5	7.1	0	0.0
15:00	115	1	0.9	95	82.6	9	7.8	10	8.7	0	0.0
16:00	133	1	0.8	105	79.0	11	8.3	15	11.3	1	0.8
17:00	128	3	2.3	111	86.7	13	10.2	1	0.8	0	0.0
18:00	65	2	3.1	55	84.6	8	12.3	0	0.0	0	0.0
19:00	49	1	2.0	45	91.8	3	6.1	0	0.0	0	0.0
20:00	15	2	13.3	13	86.7	0	0.0	0	0.0	0	0.0
21:00	21	0	0.0	18	85.7	2	9.5	1	4.8	0	0.0
22:00	9	0	0.0	9	100.0	0	0.0	0	0.0	0	0.0
23:00	4	0	0.0	3	75.0	0	0.0	1	25.0	0	0.0
12H,7-19	1061	12	1.1	853	80.4	123	11.6	71	6.7	2	0.2
16H,6-22	1175	16	1.4	954	81.2	130	11.1	73	6.2	2	0.2
18H,6-24	1188	16	1.4	966	81.3	130	10.9	74	6.2	2	0.2
24H,0-24	1215	17	1.4	989	81.4	132	10.9	75	6.2	2	0.2

24409	WILLINGTON	Site No: 24409001	Location	Site 1, Barford Road, Willington (Tree)
Tue 09-Jul-19 to Mon 15-Jul-19		Channel: Eastbound		

TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	MOTOR-CYCLES%	CARS	CARS %	LGV	LGV %	HGV	HGV %	BUS	BUS %
Daily Totals											
Tue 09-Jul-19	**1278**	20	1.6	1053	82.4	132	10.3	71	5.6	2	0.2
Wed 10-Jul-19	**1200**	14	1.2	990	82.5	125	10.4	69	5.8	2	0.2
Thu 11-Jul-19	**1310**	20	1.5	1098	83.8	117	8.9	70	5.3	5	0.4
Fri 12-Jul-19	**1409**	20	1.4	1180	83.8	126	8.9	76	5.4	7	0.5
Sat 13-Jul-19	**923**	16	1.7	838	90.8	59	6.4	10	1.1	0	0.0
Sun 14-Jul-19	**718**	22	3.1	662	92.2	27	3.8	5	0.7	2	0.3
Mon 15-Jul-19	**1215**	17	1.4	989	81.4	132	10.9	75	6.2	2	0.2
Total Vehicles											
[--]	**8053**	129	1.7	6810	85.3	718	8.5	376	4.3	20	0.2



24409			WILLINGTON				Site No: 24409001			Location	Site 1, Barford Road, Willington (Tree)					
Tue 09-Jul-19 to Mon 15-Jul-19							Channel: Eastbound									
Time Period	Total Vehicles	85%ile Speed	Mean Speed	Stand Dev.	<6Mph	6-<11	11-<16	16-<21	21-<26	26-<31	31-<36	36-<41	41-<46	46-<51	51-<56	=>56
Tue 09-Jul-19																
00:00	5	-	36.5	13.5	0	0	1	0	0	0	0	2	1	1	0	0
01:00	1	-	48.5	-	0	0	0	0	0	0	0	0	0	1	0	0
02:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
03:00	1	-	33.5	-	0	0	0	0	0	0	1	0	0	0	0	0
04:00	6	-	39.3	7.4	0	0	0	0	0	1	1	1	2	1	0	0
05:00	7	-	34.2	5.5	0	0	0	0	1	0	3	3	0	0	0	0
06:00	32	43.7	36.9	7.1	0	0	1	0	0	3	10	10	5	3	0	0
07:00	103	41	33.5	7.6	0	0	1	1	14	25	24	22	12	3	0	1
08:00	71	40.2	33.3	6.7	0	0	1	1	3	23	21	13	7	2	0	0
09:00	74	35.9	31	5.9	0	0	2	2	6	24	29	9	2	0	0	0
10:00	78	37	29.7	8.5	0	0	7	4	10	22	21	9	4	0	0	1
11:00	79	36.4	28.6	9	0	0	9	10	9	14	24	9	2	1	1	0
12:00	77	36.8	28.4	8.5	0	0	11	6	6	19	21	13	1	0	0	0
13:00	93	35.8	29.8	7.6	0	1	7	4	6	30	31	12	0	2	0	0
14:00	103	35.7	27.9	8.5	0	0	17	5	14	22	31	12	1	1	0	0
15:00	120	36.2	29	7.9	0	0	12	9	9	40	31	14	5	0	0	0
16:00	129	39.7	32.6	7.7	0	0	8	4	2	30	45	27	11	1	1	0
17:00	132	40.8	33.7	7.7	0	0	4	7	4	27	37	34	15	4	0	0
18:00	70	39.9	32.8	8.1	0	0	3	5	4	10	22	19	6	0	1	0
19:00	32	43.1	35.5	7.8	0	0	0	1	1	8	7	8	4	2	1	0
20:00	24	40.8	35	6.2	0	0	0	0	0	8	6	6	3	1	0	0
21:00	16	41.5	35.4	10.2	0	0	0	0	3	3	3	4	1	0	1	1
22:00	15	46.6	38.8	11.9	0	1	0	0	1	1	1	3	5	2	0	1
23:00	10	42.7	38	4.6	0	0	0	0	0	0	4	3	3	0	0	0
12H,7-19	1129	38.8	30.9	8.1	0	1	82	58	87	286	337	193	66	14	3	2
16H,6-22	1233	39.2	31.4	8.2	0	1	83	59	91	308	363	221	79	20	5	3
18H,6-24	1258	39.4	31.5	8.3	0	2	83	59	92	309	368	227	87	22	5	4
24H,0-24	1278	39.5	31.6	8.3	0	2	84	59	93	310	373	233	90	25	5	4

24409			WILLINGTON				Site No: 24409001				Location	Site 1, Barford Road, Willington (Tree)					
Tue 09-Jul-19 to Mon 15-Jul-19							Channel: Eastbound										
Time Period	Total Vehicles	85%ile Speed	Mean Speed	Stand Dev.	<6Mph	6-<11	11-<16	16-<21	21-<26	26-<31	31-<36	36-<41	41-<46	46-<51	51-<56	=>56
Wed 10-Jul-19																
00:00	2	-	41	10.6	0	0	0	0	0	0	1	0	0	1	0	0
01:00	1	-	33.5	-	0	0	0	0	0	0	1	0	0	0	0	0
02:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
03:00	2	-	41	3.5	0	0	0	0	0	0	0	1	1	0	0	0
04:00	3	-	40.2	7.6	0	0	0	0	0	0	1	1	0	1	0	0
05:00	8	-	35.4	9.7	0	0	0	0	1	2	2	1	1	0	1	0
06:00	44	40.7	36.1	5.8	0	0	0	1	0	6	13	18	4	2	0	0
07:00	104	42.1	35	6.5	0	0	1	1	4	20	34	24	18	2	0	0
08:00	71	40.9	34.3	7.3	0	0	0	1	3	20	25	11	7	1	2	1
09:00	62	38.6	31.2	8.9	0	1	6	3	1	11	24	12	2	2	0	0
10:00	61	39.1	30.3	10.2	0	0	9	5	1	12	20	7	4	2	0	1
11:00	72	36.4	27.7	9	0	0	14	4	7	16	19	10	2	0	0	0
12:00	67	39	31.6	8	0	0	3	6	3	16	19	16	2	2	0	0
13:00	92	38.7	30	8.8	0	0	12	6	2	25	23	18	6	0	0	0
14:00	78	38.6	30.3	9.4	0	0	8	7	5	17	22	13	3	2	0	1
15:00	108	39.4	31.7	8.5	0	0	7	9	4	23	30	27	6	0	2	0
16:00	131	40.8	33.1	9.1	0	0	13	4	1	24	34	36	14	4	1	0
17:00	123	42.1	34.6	8.3	0	0	4	8	2	16	38	32	18	3	1	1
18:00	70	40.7	34.4	7.2	0	0	3	0	0	17	21	19	7	3	0	0
19:00	40	45.4	36.8	8.6	0	0	0	1	2	6	12	8	5	4	1	1
20:00	28	42.3	34.8	8.6	0	1	0	0	2	4	9	6	5	0	1	0
21:00	15	43.1	36.8	6.6	0	0	0	0	1	1	5	4	3	1	0	0
22:00	10	42.7	38.5	4.3	0	0	0	0	0	0	3	4	3	0	0	0
23:00	8	-	35.4	6.6	0	0	0	0	1	0	4	1	2	0	0	0
12H,7-19	1039	40.2	32.2	8.7	0	1	80	54	33	217	309	225	89	21	6	4
16H,6-22	1166	40.5	32.7	8.6	0	2	80	56	38	234	348	261	106	28	8	5
18H,6-24	1184	40.5	32.7	8.6	0	2	80	56	39	234	355	266	111	28	8	5
24H,0-24	1200	40.6	32.8	8.6	0	2	80	56	40	236	360	269	113	30	9	5

24409			WILLINGTON				Site No: 24409001			Location	Site 1, Barford Road, Willington (Tree)					
Tue 09-Jul-19 to Mon 15-Jul-19							Channel: Eastbound									
Time Period	Total Vehicles	85%ile Speed	Mean Speed	Stand Dev.	<6Mph	6-<11	11-<16	16-<21	21-<26	26-<31	31-<36	36-<41	41-<46	46-<51	51-<56	=>56
Thu 11-Jul-19																
00:00	3	-	25.2	10.4	0	0	1	0	0	1	1	0	0	0	0	0
01:00	4	-	41	5.2	0	0	0	0	0	0	0	3	0	1	0	0
02:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
03:00	4	-	37.3	4.9	0	0	0	0	0	0	2	1	1	0	0	0
04:00	5	-	35.5	7.6	0	0	0	0	1	0	1	2	1	0	0	0
05:00	12	42.8	36.8	7.6	0	0	0	1	0	0	4	4	2	1	0	0
06:00	37	40	35.4	6	0	0	1	0	0	2	20	10	2	2	0	0
07:00	106	42.4	36.2	6.4	0	0	0	1	2	18	31	33	17	2	1	1
08:00	73	38.3	32.9	6.4	0	0	1	1	6	15	33	12	3	1	1	0
09:00	59	38.3	31.2	7.5	0	1	1	5	3	15	20	10	4	0	0	0
10:00	61	37.1	29.3	8.2	0	1	7	1	5	18	17	11	1	0	0	0
11:00	71	39	30.2	8.6	0	0	6	6	6	19	14	15	4	1	0	0
12:00	87	36.2	27.5	9	0	1	13	11	6	19	23	11	3	0	0	0
13:00	79	38.6	30.6	9	0	1	5	9	4	14	27	13	5	0	0	1
14:00	94	38.3	30.8	8	0	0	8	4	6	24	30	16	5	1	0	0
15:00	129	36.6	29.4	7.9	0	1	10	5	18	39	34	18	3	0	0	1
16:00	122	39.9	31.4	9.5	0	0	15	7	5	18	38	26	10	1	2	0
17:00	170	40.7	33.8	8.2	0	0	6	10	6	29	49	47	14	7	2	0
18:00	85	40.4	34.1	7.7	0	0	2	5	3	15	18	33	6	2	1	0
19:00	51	43.3	35.4	8.9	0	0	1	3	1	9	13	14	4	4	1	1
20:00	26	39.8	32.7	7.7	0	0	0	2	3	5	7	6	2	1	0	0
21:00	23	41.1	35.7	7.9	0	0	0	0	1	6	6	6	2	1	0	1
22:00	6	-	36	14.1	0	0	1	0	1	0	0	0	3	1	0	0
23:00	3	-	31.8	10.4	0	0	0	0	1	1	0	0	1	0	0	0
12H,7-19	1136	39.6	31.7	8.4	0	5	74	65	70	243	334	245	75	15	7	3
16H,6-22	1273	39.7	32	8.4	0	5	76	70	75	265	380	281	85	23	8	5
18H,6-24	1282	39.8	32	8.5	0	5	77	70	77	266	380	281	89	24	8	5
24H,0-24	1310	39.9	32.1	8.5	0	5	78	71	78	267	388	291	93	26	8	5

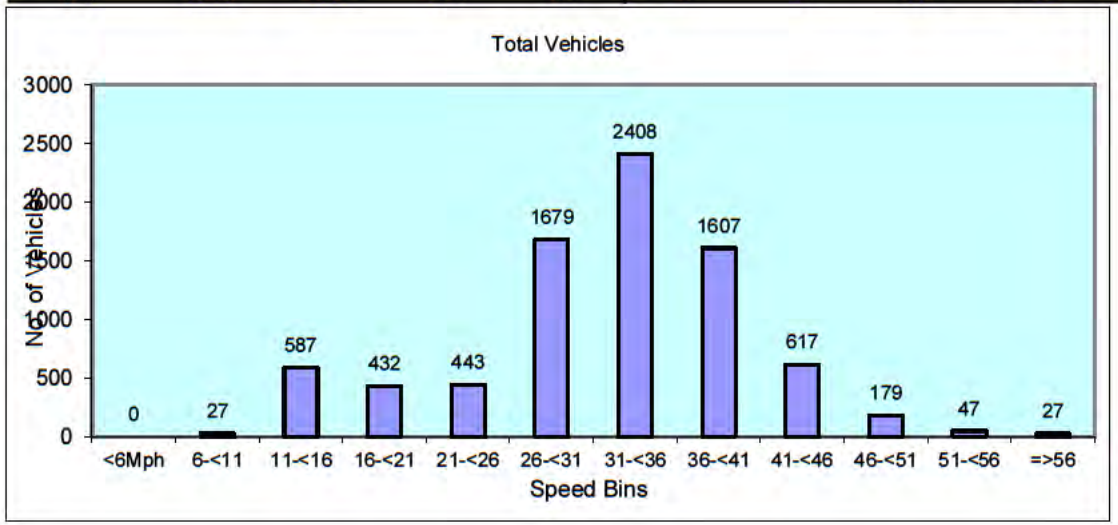
24409			WILLINGTON				Site No: 24409001			Location	Site 1, Barford Road, Willington (Tree)					
Tue 09-Jul-19 to Mon 15-Jul-19							Channel: Eastbound									
Time Period	Total Vehicles	85%ile Speed	Mean Speed	Stand Dev.	<6Mph	6-<11	11-<16	16-<21	21-<26	26-<31	31-<36	36-<41	41-<46	46-<51	51-<56	=>56
Fri 12-Jul-19																
00:00	4	-	37.3	11.9	0	0	0	0	0	2	0	1	0	0	1	0
01:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
02:00	1	-	28.5	-	0	0	0	0	0	1	0	0	0	0	0	0
03:00	1	-	38.5	-	0	0	0	0	0	0	0	1	0	0	0	0
04:00	4	-	37.3	2.8	0	0	0	0	0	0	1	3	0	0	0	0
05:00	8	-	39.1	9.1	0	0	0	0	0	1	2	3	1	0	0	1
06:00	43	40.7	35.2	6.5	0	1	0	0	0	8	12	16	6	0	0	0
07:00	99	41.6	35.3	6.2	0	0	1	1	2	18	32	28	15	2	0	0
08:00	78	40.5	33.4	6.8	0	0	0	2	4	25	24	12	8	2	1	0
09:00	92	38.9	32.5	7.7	0	0	4	4	4	18	39	15	5	2	0	1
10:00	72	36.5	29.5	8.6	0	0	8	6	5	16	25	7	4	1	0	0
11:00	73	35.4	28.3	8	0	0	6	9	10	18	21	5	4	0	0	0
12:00	101	39.3	29.7	10	0	0	16	9	3	21	23	20	5	4	0	0
13:00	105	38.8	30.9	8.7	0	0	11	6	6	19	33	25	2	3	0	0
14:00	109	37.4	30.9	7.8	0	0	10	4	4	25	45	15	4	2	0	0
15:00	151	39.9	32.9	7.9	0	0	6	8	6	28	58	28	11	4	2	0
16:00	157	40.2	32.9	8.2	0	0	9	7	9	25	52	37	12	5	1	0
17:00	115	43.6	34.2	9.6	0	0	5	10	2	22	24	26	16	7	2	1
18:00	67	45.3	35.7	9.3	0	0	4	0	2	13	16	12	11	8	0	1
19:00	53	42	35.9	6.2	0	0	0	0	2	11	12	18	8	2	0	0
20:00	28	42.6	36.2	6.5	0	0	0	0	0	5	12	5	4	1	1	0
21:00	23	41.3	35.2	7.3	0	0	0	0	2	4	8	5	1	3	0	0
22:00	15	44.1	35.8	7.9	0	0	0	0	2	1	6	2	2	2	0	0
23:00	10	38.5	34.5	4.8	0	0	0	0	0	2	5	2	1	0	0	0
12H,7-19	1219	40.2	32.3	8.5	0	0	80	66	57	248	392	230	97	40	6	3
16H,6-22	1366	40.4	32.6	8.4	0	1	80	66	61	276	436	274	116	46	7	3
18H,6-24	1391	40.4	32.7	8.4	0	1	80	66	63	279	447	278	119	48	7	3
24H,0-24	1409	40.4	32.8	8.4	0	1	80	66	63	283	450	286	120	48	8	4

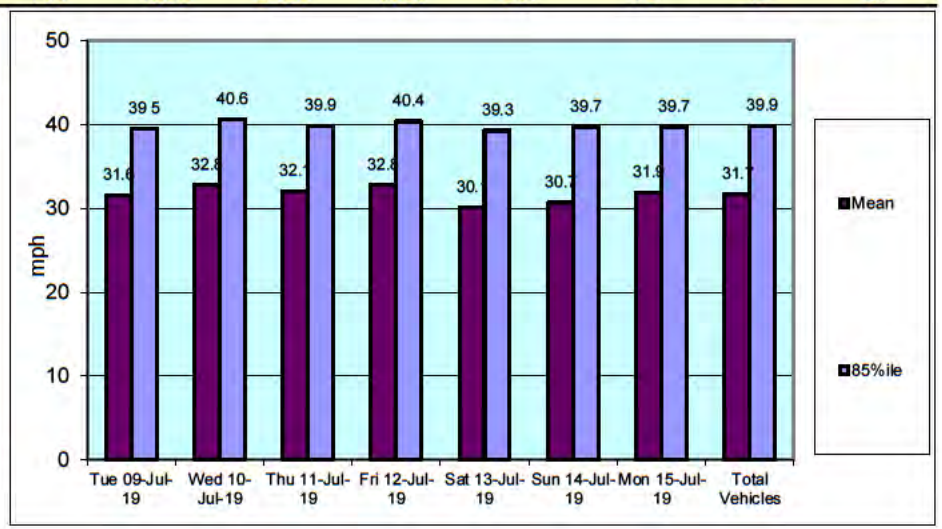
24409			WILLINGTON				Site No: 24409001				Location	Site 1, Barford Road, Willington (Tree)					
Tue 09-Jul-19 to Mon 15-Jul-19							Channel: Eastbound										
Time Period	Total Vehicles	85%ile Speed	Mean Speed	Stand Dev.	<6Mph	6-<11	11-<16	16-<21	21-<26	26-<31	31-<36	36-<41	41-<46	46-<51	51-<56	=>56
Sat 13-Jul-19																
00:00	7	-	37.1	7.5	0	0	0	0	0	2	1	2	1	1	0	0
01:00	4	-	32.3	6.4	0	0	0	0	1	0	2	1	0	0	0	0
02:00	2	-	33.5	7.1	0	0	0	0	0	1	0	1	0	0	0	0
03:00	3	-	35.2	7.6	0	0	0	0	0	1	1	0	1	0	0	0
04:00	2	-	36	3.5	0	0	0	0	0	0	1	1	0	0	0	0
05:00	6	-	36	4.4	0	0	0	0	0	1	1	4	0	0	0	0
06:00	12	39.1	34.3	6.1	0	0	0	1	0	1	4	6	0	0	0	0
07:00	28	42.3	34.9	6.8	0	0	0	1	1	4	12	4	5	1	0	0
08:00	31	44.1	37.4	7.3	0	0	0	1	0	4	7	12	3	3	1	0
09:00	57	38.1	30.7	7.9	0	1	2	4	5	14	17	12	1	1	0	0
10:00	68	35.5	28.1	8.8	0	1	7	8	6	19	18	6	2	0	1	0
11:00	89	35.4	26.5	9.3	0	1	20	3	10	28	15	9	2	0	1	0
12:00	81	39	28.5	10.1	0	1	14	8	4	17	16	14	6	1	0	0
13:00	78	36.4	25.8	9.8	0	0	20	12	4	11	18	11	2	0	0	0
14:00	80	36.3	26.6	9.3	0	0	17	6	13	15	16	10	2	1	0	0
15:00	89	37.9	29.1	8.7	0	0	12	7	5	24	21	16	4	0	0	0
16:00	81	40.3	31.7	9.3	0	0	9	6	1	13	23	19	9	1	0	0
17:00	68	40.1	30.9	10	0	0	8	9	0	10	18	15	5	3	0	0
18:00	39	40.6	33.4	9.7	0	0	4	0	3	4	13	9	4	1	0	1
19:00	37	41.8	33.8	8.1	0	1	0	1	3	6	12	7	6	1	0	0
20:00	23	41.1	35.2	8.8	0	0	1	2	0	0	8	8	3	0	1	0
21:00	14	39.4	34.9	4.8	0	0	0	0	0	3	5	5	1	0	0	0
22:00	19	38.1	31.9	7.9	0	0	1	1	1	4	7	4	0	1	0	0
23:00	5	-	39.5	2.6	0	0	0	0	0	0	0	4	1	0	0	0
12H,7-19	789	38.9	29.4	9.6	0	4	113	65	52	163	194	137	45	12	3	1
16H,6-22	875	39.2	29.9	9.5	0	5	114	69	55	173	223	163	55	13	4	1
18H,6-24	899	39.2	30	9.5	0	5	115	70	56	177	230	171	56	14	4	1
24H,0-24	923	39.3	30.1	9.4	0	5	115	70	57	182	236	180	58	15	4	1

24409			WILLINGTON				Site No: 24409001				Location	Site 1, Barford Road, Willington (Tree)					
Tue 09-Jul-19 to Mon 15-Jul-19							Channel: Eastbound										
Time Period	Total Vehicles	85%ile Speed	Mean Speed	Stand Dev.	<6Mph	6-<11	11-<16	16-<21	21-<26	26-<31	31-<36	36-<41	41-<46	46-<51	51-<56	=>56
Sun 14-Jul-19																
00:00	8	-	36.6	4.8	0	0	0	0	0	0	5	1	2	0	0	0
01:00	1	-	38.5	-	0	0	0	0	0	0	0	1	0	0	0	0
02:00	3	-	26.8	3.1	0	0	0	0	1	2	0	0	0	0	0	0
03:00	3	-	33.5	1.7	0	0	0	0	0	0	3	0	0	0	0	0
04:00	4	-	34.8	6.4	0	0	0	0	0	1	2	0	1	0	0	0
05:00	4	-	41	11.9	0	0	0	0	0	1	1	0	0	1	1	0
06:00	4	-	33.5	7.1	0	0	0	0	0	2	1	0	1	0	0	0
07:00	14	37	33.5	5.7	0	0	0	0	0	5	6	2	0	1	0	0
08:00	9	-	35.7	6.3	0	0	0	0	0	2	3	3	0	1	0	0
09:00	31	39.9	32.4	8.5	0	0	0	3	3	8	8	5	2	1	1	0
10:00	41	38.4	31.9	7.2	0	0	2	0	6	7	15	9	1	1	0	0
11:00	76	36.1	27.8	9.4	0	1	12	8	4	19	20	7	4	1	0	0
12:00	68	35.6	27	9.3	0	1	15	3	6	14	20	7	2	0	0	0
13:00	72	37.7	28.4	10.6	0	1	12	9	4	10	22	8	3	1	2	0
14:00	74	36.8	29.4	9	0	0	10	4	6	17	24	9	2	1	1	0
15:00	77	38.5	27.7	11.4	0	1	18	7	6	9	19	10	5	0	0	2
16:00	80	37.9	29.8	8.8	0	0	8	9	3	18	25	12	3	2	0	0
17:00	46	43.3	35.6	8.1	0	0	2	0	2	6	14	10	10	1	1	0
18:00	25	45	38.1	6.4	0	0	0	0	0	3	8	5	6	3	0	0
19:00	23	40.1	36.1	7.3	0	0	0	1	0	3	6	11	1	0	0	1
20:00	19	47.6	36.1	9.6	0	0	0	0	2	5	4	3	1	2	2	0
21:00	18	42.3	34.3	8.9	0	0	0	1	0	6	6	1	3	0	0	1
22:00	14	42.8	36	7.9	0	0	0	1	1	1	2	5	4	0	0	0
23:00	4	-	24.8	13.8	0	1	0	1	0	0	1	1	0	0	0	0
12H,7-19	613	39	30	9.6	0	4	79	43	40	118	184	87	38	13	5	2
16H,6-22	677	39.4	30.5	9.6	0	4	79	45	42	134	201	102	44	15	7	4
18H,6-24	695	39.6	30.6	9.7	0	5	79	47	43	135	204	108	48	15	7	4
24H,0-24	718	39.7	30.7	9.6	0	5	79	47	44	139	215	110	51	16	8	4

24409			WILLINGTON				Site No: 24409001				Location	Site 1, Barford Road, Willington (Tree)				
Tue 09-Jul-19 to Mon 15-Jul-19							Channel: Eastbound									
Time Period	Total Vehicles	85%ile Speed	Mean Speed	Stand Dev.	<6Mph	6-<11	11-<16	16-<21	21-<26	26-<31	31-<36	36-<41	41-<46	46-<51	51-<56	=>56
Mon 15-Jul-19																
00:00	1	-	43.5	-	0	0	0	0	0	0	0	0	1	0	0	0
01:00	5	-	44.5	5.6	0	0	0	0	0	0	0	1	3	0	1	0
02:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
03:00	2	-	36	3.5	0	0	0	0	0	0	1	1	0	0	0	0
04:00	6	-	36	4.4	0	0	0	0	0	0	4	1	1	0	0	0
05:00	13	42.4	35	9.5	0	0	0	2	0	0	6	2	2	0	1	0
06:00	29	39.5	35.4	3.9	0	0	0	0	0	1	19	6	3	0	0	0
07:00	114	40.8	34.9	5.9	0	0	1	0	2	25	38	32	14	2	0	0
08:00	85	39	33	5.7	0	0	0	1	5	27	29	16	6	1	0	0
09:00	64	37.8	30.9	6.9	0	0	2	4	6	18	20	11	3	0	0	0
10:00	52	37.1	31.3	6.6	0	0	2	3	1	16	20	8	2	0	0	0
11:00	69	34.7	26.3	8.6	0	1	13	5	8	20	15	6	1	0	0	0
12:00	85	35.3	28.4	7.8	0	1	7	9	8	22	29	7	2	0	0	0
13:00	81	36.8	29.6	7.8	0	2	6	2	7	25	24	14	1	0	0	0
14:00	70	34.1	26.6	7.6	0	1	9	6	9	23	18	4	0	0	0	0
15:00	115	40	31.9	9.2	0	1	10	4	7	20	40	19	10	2	1	1
16:00	133	39.9	31.4	9.4	0	1	13	8	8	22	37	30	10	3	0	1
17:00	128	41.4	33.9	7.9	0	0	3	10	3	20	41	30	16	5	0	0
18:00	65	41.5	34.7	8.9	0	0	4	4	1	4	18	23	7	3	1	0
19:00	49	40.7	33.6	7.7	0	0	1	4	1	9	14	13	6	1	0	0
20:00	15	42.3	34.2	10.4	0	0	0	1	2	3	4	2	1	1	0	1
21:00	21	41.9	38.3	6.9	0	0	0	0	0	3	3	11	2	1	0	1
22:00	9	-	34.6	7.9	0	0	0	0	0	3	4	1	0	0	1	0
23:00	4	-	34.8	6.4	0	0	0	0	0	1	2	0	1	0	0	0
12H,7-19	1061	39.3	31.4	8.3	0	7	70	56	65	242	329	200	72	16	2	2
16H,6-22	1175	39.5	31.8	8.3	0	7	71	61	68	258	369	232	84	19	2	4
18H,6-24	1188	39.5	31.8	8.3	0	7	71	61	68	262	375	233	85	19	3	4
24H,0-24	1215	39.7	31.9	8.3	0	7	71	63	68	262	386	238	92	19	5	4

24409		WILLINGTON					Site No: 24409001			Location	Site 1, Barford Road, Willington (Tree)					
Tue 09-Jul-19 to Mon 15-Jul-19							Channel: Eastbound									
Time Period	Total Vehicles	85%ile Speed	Mean Speed	Stand Dev.	<6Mph	6-<11	11-<16	16-<21	21-<26	26-<31	31-<36	36-<41	41-<46	46-<51	51-<56	=>56
Daily Totals																
Tue 09-Jul-19	**1278**	39.5	31.6	8.3	0	2	84	59	93	310	373	233	90	25	5	4
Wed 10-Jul-19	**1200**	40.6	32.8	8.6	0	2	80	56	40	236	360	269	113	30	9	5
Thu 11-Jul-19	**1310**	39.9	32.1	8.5	0	5	78	71	78	267	388	291	93	26	8	5
Fri 12-Jul-19	**1409**	40.4	32.8	8.4	0	1	80	66	63	283	450	286	120	48	8	4
Sat 13-Jul-19	**923**	39.3	30.1	9.4	0	5	115	70	57	182	236	180	58	15	4	1
Sun 14-Jul-19	**718**	39.7	30.7	9.6	0	5	79	47	44	139	215	110	51	16	8	4
Mon 15-Jul-19	**1215**	39.7	31.9	8.3	0	7	71	63	68	262	386	238	92	19	5	4
Total Vehicles																
[--]	**8053**	39.9	31.7	8.7	0	27	587	432	443	1679	2408	1607	617	179	47	27

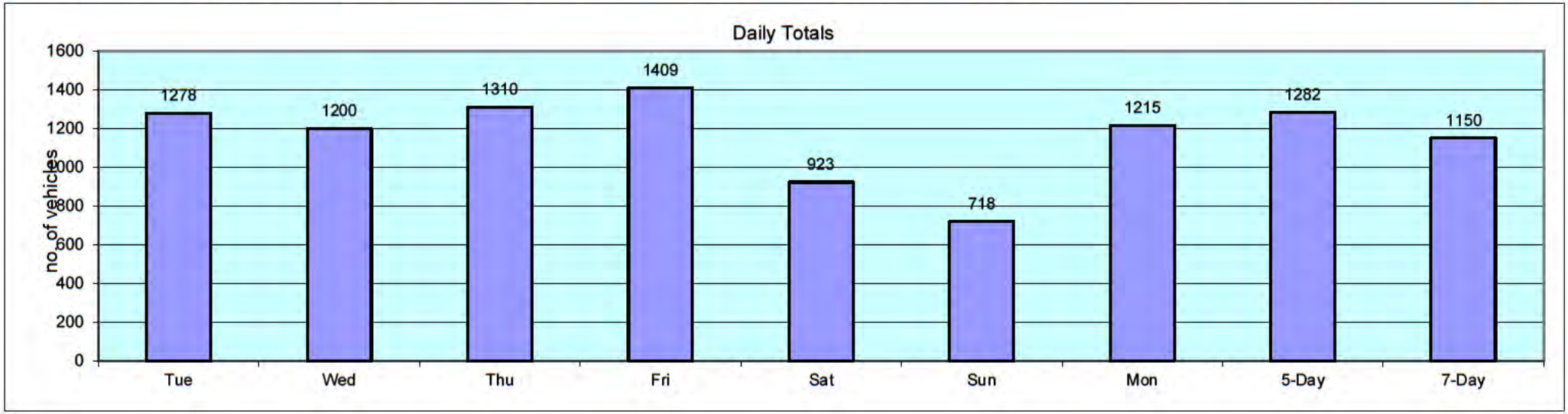




24409		WILLINGTON		Site No: 24409001 Channel: Eastbound		Location	Site 1, Barford Road, Willington (Tree)		
TIME PERIOD	Tue 09/07/19	Wed 10/07/19	Thu 11/07/19	Fri 12/07/19	Sat 13/07/19	Sun 14/07/19	Mon 15/07/19	5-Day Av	7-Day Av
Week Begin: 09-Jul-19									
00:00	5	2	3	4	7	8	1	3	4
01:00	1	1	4	0	4	1	5	2	2
02:00	0	0	0	1	2	3	0	0	1
03:00	1	2	4	1	3	3	2	2	2
04:00	6	3	5	4	2	4	6	5	4
05:00	7	8	12	8	6	4	13	10	8
06:00	32	44	37	43	12	4	29	37	29
07:00	103	104	106	99	28	14	114	105	81
08:00	71	71	73	78	31	9	85	76	60
09:00	74	62	59	92	57	31	64	70	63
10:00	78	61	61	72	68	41	52	65	62
11:00	79	72	71	73	89	76	69	73	76
12:00	77	67	87	101	81	68	85	83	81
13:00	93	92	79	105	78	72	81	90	86
14:00	103	78	94	109	80	74	70	91	87
15:00	120	108	129	151	89	77	115	125	113
16:00	129	131	122	157	81	80	133	134	119
17:00	132	123	170	115	68	46	128	134	112
18:00	70	70	85	67	39	25	65	71	60
19:00	32	40	51	53	37	23	49	45	41
20:00	24	28	26	28	23	19	15	24	23
21:00	16	15	23	23	14	18	21	20	19
22:00	15	10	6	15	19	14	9	11	13
23:00	10	8	3	10	5	4	4	7	6
12H,7-19	1129	1039	1136	1219	789	613	1061	1117	998
16H,6-22	1233	1166	1273	1366	875	677	1175	1243	1109
18H,6-24	1258	1184	1282	1391	899	695	1188	1261	1128
24H,0-24	1278	1200	1310	1409	923	718	1215	1282	1150
Am	07:00	07:00	07:00	07:00	11:00	11:00	07:00	-	-
Peak	103	104	106	99	89	76	114	105	99
Pm	17:00	16:00	17:00	16:00	15:00	16:00	16:00	-	-
Peak	132	131	170	157	89	80	133	145	127

24409	WILLINGTON	Site No: 24409001 Channel: Eastbound	Location	Site 1, Barford Road, Willington (Tree)

TIME PERIOD	Tue 09/07/19	Wed 10/07/19	Thu 11/07/19	Fri 12/07/19	Sat 13/07/19	Sun 14/07/19	Mon 15/07/19	5-Day Av	7-Day Av



24409		WILLINGTON			Site No: 24409001		Location	Site 1, Barford Road, Willington (Tree)			
Tue 09-Jul-19 to Mon 15-Jul-19					Channel: Westbound						
TIME PERIOD	**TOTAL VEHICLES**	**MOTOR-CYCLES**	**MOTOR-CYCLES%**	**CARS**	**CARS %**	**LGV**	**LGV %**	**HGV**	**HGV %**	**BUS**	**BUS %**
Tue 09-Jul-19											
00:00	0	0	-	0	-	0	-	0	-	0	-
01:00	19	0	0.0	19	100.0	0	0.0	0	0.0	0	0.0
02:00	0	0	-	0	-	0	-	0	-	0	-
03:00	1	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0
04:00	1	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0
05:00	4	0	0.0	3	75.0	1	25.0	0	0.0	0	0.0
06:00	20	1	5.0	18	90.0	0	0.0	1	5.0	0	0.0
07:00	74	3	4.1	52	70.3	4	5.4	13	17.6	2	2.7
08:00	90	1	1.1	71	78.9	11	12.2	6	6.7	1	1.1
09:00	84	1	1.2	67	79.8	15	17.9	1	1.2	0	0.0
10:00	67	0	0.0	53	79.1	11	16.4	3	4.5	0	0.0
11:00	68	1	1.5	49	72.1	11	16.2	6	8.8	1	1.5
12:00	73	1	1.4	60	82.2	8	11.0	2	2.7	2	2.7
13:00	74	2	2.7	56	75.7	11	14.9	4	5.4	1	1.4
14:00	51	0	0.0	32	62.8	8	15.7	10	19.6	1	2.0
15:00	91	1	1.1	71	78.0	12	13.2	7	7.7	0	0.0
16:00	94	1	1.1	81	86.2	10	10.6	2	2.1	0	0.0
17:00	72	0	0.0	62	86.1	8	11.1	2	2.8	0	0.0
18:00	60	2	3.3	51	85.0	7	11.7	0	0.0	0	0.0
19:00	32	2	6.3	26	81.3	4	12.5	0	0.0	0	0.0
20:00	25	7	28.0	17	68.0	0	0.0	1	4.0	0	0.0
21:00	13	0	0.0	11	84.6	1	7.7	1	7.7	0	0.0
22:00	11	0	0.0	10	90.9	1	9.1	0	0.0	0	0.0
23:00	4	0	0.0	4	100.0	0	0.0	0	0.0	0	0.0
12H,7-19	898	13	1.5	705	78.5	116	12.9	56	6.2	8	0.9
16H,6-22	988	23	2.3	777	78.6	121	12.3	59	6.0	8	0.8
18H,6-24	1003	23	2.3	791	78.9	122	12.2	59	5.9	8	0.8
24H,0-24	1028	23	2.2	815	79.3	123	12.0	59	5.7	8	0.8

24409		WILLINGTON			Site No: 24409001		Location	Site 1, Barford Road, Willington (Tree)			
Tue 09-Jul-19 to Mon 15-Jul-19					Channel: Westbound						
TIME PERIOD	**TOTAL VEHICLES**	**MOTOR-CYCLES**	**MOTOR-CYCLES%**	**CARS**	**CARS %**	**LGV**	**LGV %**	**HGV**	**HGV %**	**BUS**	**BUS %**
Wed 10-Jul-19											
00:00	3	0	0.0	2	66.7	1	33.3	0	0.0	0	0.0
01:00	22	0	0.0	22	100.0	0	0.0	0	0.0	0	0.0
02:00	0	0	-	0	-	0	-	0	-	0	-
03:00	6	0	0.0	6	100.0	0	0.0	0	0.0	0	0.0
04:00	3	0	0.0	1	33.3	1	33.3	1	33.3	0	0.0
05:00	5	0	0.0	4	80.0	1	20.0	0	0.0	0	0.0
06:00	24	1	4.2	21	87.5	2	8.3	0	0.0	0	0.0
07:00	63	0	0.0	43	68.3	3	4.8	14	22.2	3	4.8
08:00	78	2	2.6	66	84.6	6	7.7	4	5.1	0	0.0
09:00	82	1	1.2	70	85.4	9	11.0	1	1.2	1	1.2
10:00	68	1	1.5	55	80.9	8	11.8	4	5.9	0	0.0
11:00	64	1	1.6	49	76.6	10	15.6	3	4.7	1	1.6
12:00	67	1	1.5	49	73.1	11	16.4	6	9.0	0	0.0
13:00	54	1	1.9	42	77.8	8	14.8	3	5.6	0	0.0
14:00	66	1	1.5	43	65.2	9	13.6	12	18.2	1	1.5
15:00	76	0	0.0	58	76.3	12	15.8	5	6.6	1	1.3
16:00	93	2	2.2	81	87.1	10	10.8	0	0.0	0	0.0
17:00	70	2	2.9	59	84.3	7	10.0	2	2.9	0	0.0
18:00	58	0	0.0	47	81.0	11	19.0	0	0.0	0	0.0
19:00	22	0	0.0	20	90.9	2	9.1	0	0.0	0	0.0
20:00	36	5	13.9	27	75.0	3	8.3	1	2.8	0	0.0
21:00	12	0	0.0	11	91.7	1	8.3	0	0.0	0	0.0
22:00	6	0	0.0	6	100.0	0	0.0	0	0.0	0	0.0
23:00	5	0	0.0	5	100.0	0	0.0	0	0.0	0	0.0
12H,7-19	839	12	1.4	662	78.9	104	12.4	54	6.4	7	0.8
16H,6-22	933	18	1.9	741	79.4	112	12.0	55	5.9	7	0.8
18H,6-24	944	18	1.9	752	79.7	112	11.9	55	5.8	7	0.7
24H,0-24	983	18	1.8	787	80.1	115	11.7	56	5.7	7	0.7

24409		WILLINGTON			Site No: 24409001		Location	Site 1, Barford Road, Willington (Tree)			
Tue 09-Jul-19 to Mon 15-Jul-19					Channel: Westbound						
TIME PERIOD	**TOTAL VEHICLES**	**MOTOR-CYCLES**	**MOTOR-CYCLES%**	**CARS**	**CARS %**	**LGV**	**LGV %**	**HGV**	**HGV %**	**BUS**	**BUS %**
Thu 11-Jul-19											
00:00	8	0	0.0	8	100.0	0	0.0	0	0.0	0	0.0
01:00	24	0	0.0	24	100.0	0	0.0	0	0.0	0	0.0
02:00	3	0	0.0	3	100.0	0	0.0	0	0.0	0	0.0
03:00	2	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0
04:00	5	1	20.0	3	60.0	0	0.0	1	20.0	0	0.0
05:00	8	2	25.0	2	25.0	3	37.5	1	12.5	0	0.0
06:00	25	1	4.0	18	72.0	2	8.0	4	16.0	0	0.0
07:00	69	0	0.0	47	68.1	4	5.8	14	20.3	4	5.8
08:00	78	3	3.9	66	84.6	5	6.4	4	5.1	0	0.0
09:00	82	0	0.0	74	90.2	5	6.1	3	3.7	0	0.0
10:00	70	1	1.4	55	78.6	10	14.3	4	5.7	0	0.0
11:00	77	0	0.0	62	80.5	11	14.3	3	3.9	1	1.3
12:00	70	1	1.4	59	84.3	8	11.4	1	1.4	1	1.4
13:00	63	0	0.0	56	88.9	4	6.4	2	3.2	1	1.6
14:00	84	0	0.0	59	70.2	11	13.1	11	13.1	3	3.6
15:00	95	2	2.1	72	75.8	14	14.7	6	6.3	1	1.1
16:00	90	1	1.1	82	91.1	7	7.8	0	0.0	0	0.0
17:00	89	7	7.9	74	83.2	5	5.6	2	2.3	1	1.1
18:00	52	0	0.0	46	88.5	6	11.5	0	0.0	0	0.0
19:00	38	2	5.3	32	84.2	4	10.5	0	0.0	0	0.0
20:00	29	0	0.0	26	89.7	3	10.3	0	0.0	0	0.0
21:00	12	1	8.3	10	83.3	1	8.3	0	0.0	0	0.0
22:00	6	0	0.0	5	83.3	1	16.7	0	0.0	0	0.0
23:00	5	0	0.0	5	100.0	0	0.0	0	0.0	0	0.0
12H,7-19	919	15	1.6	752	81.8	90	9.8	50	5.4	12	1.3
16H,6-22	1023	19	1.9	838	81.9	100	9.8	54	5.3	12	1.2
18H,6-24	1034	19	1.8	848	82.0	101	9.8	54	5.2	12	1.2
24H,0-24	1084	22	2.0	890	82.1	104	9.6	56	5.2	12	1.1

24409		WILLINGTON			Site No: 24409001		Location	Site 1, Barford Road, Willington (Tree)			
Tue 09-Jul-19 to Mon 15-Jul-19					Channel: Westbound						
TIME PERIOD	**TOTAL VEHICLES**	**MOTOR-CYCLES**	**MOTOR-CYCLES%**	**CARS**	**CARS %**	**LGV**	**LGV %**	**HGV**	**HGV %**	**BUS**	**BUS %**
Fri 12-Jul-19											
00:00	1	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0
01:00	22	0	0.0	22	100.0	0	0.0	0	0.0	0	0.0
02:00	0	0	-	0	-	0	-	0	-	0	-
03:00	4	1	25.0	2	50.0	0	0.0	1	25.0	0	0.0
04:00	2	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0
05:00	6	1	16.7	4	66.7	1	16.7	0	0.0	0	0.0
06:00	33	1	3.0	29	87.9	1	3.0	1	3.0	1	3.0
07:00	69	2	2.9	43	62.3	6	8.7	15	21.7	3	4.4
08:00	77	1	1.3	63	81.8	7	9.1	6	7.8	0	0.0
09:00	78	2	2.6	60	76.9	12	15.4	3	3.9	1	1.3
10:00	87	0	0.0	71	81.6	13	14.9	3	3.5	0	0.0
11:00	63	0	0.0	54	85.7	7	11.1	2	3.2	0	0.0
12:00	58	0	0.0	45	77.6	10	17.2	3	5.2	0	0.0
13:00	69	1	1.5	56	81.2	8	11.6	4	5.8	0	0.0
14:00	86	1	1.2	64	74.4	5	5.8	14	16.3	2	2.3
15:00	82	1	1.2	66	80.5	8	9.8	6	7.3	1	1.2
16:00	100	1	1.0	90	90.0	8	8.0	1	1.0	0	0.0
17:00	63	2	3.2	57	90.5	3	4.8	1	1.6	0	0.0
18:00	50	1	2.0	46	92.0	2	4.0	1	2.0	0	0.0
19:00	38	1	2.6	33	86.8	4	10.5	0	0.0	0	0.0
20:00	20	0	0.0	18	90.0	1	5.0	1	5.0	0	0.0
21:00	17	0	0.0	16	94.1	1	5.9	0	0.0	0	0.0
22:00	9	0	0.0	8	88.9	1	11.1	0	0.0	0	0.0
23:00	5	0	0.0	5	100.0	0	0.0	0	0.0	0	0.0
12H,7-19	882	12	1.4	715	81.1	89	10.1	59	6.7	7	0.8
16H,6-22	990	14	1.4	811	81.9	96	9.7	61	6.2	8	0.8
18H,6-24	1004	14	1.4	824	82.1	97	9.7	61	6.1	8	0.8
24H,0-24	1039	16	1.5	855	82.3	98	9.4	62	6.0	8	0.8

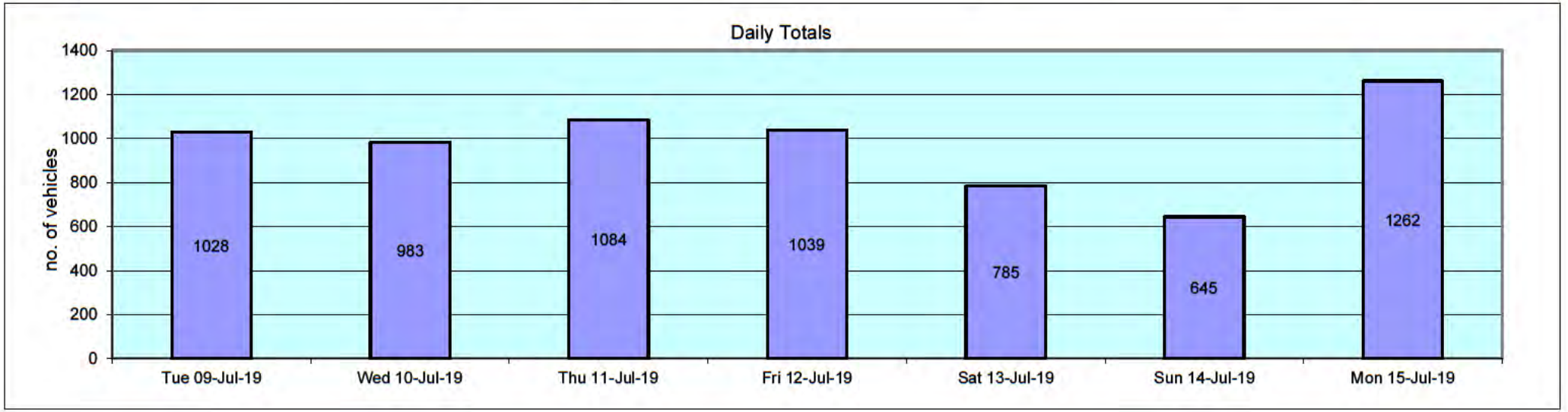
24409		WILLINGTON			Site No: 24409001		Location	Site 1, Barford Road, Willington (Tree)			
Tue 09-Jul-19 to Mon 15-Jul-19					Channel: Westbound						
TIME PERIOD	**TOTAL VEHICLES**	**MOTOR-CYCLES**	**MOTOR-CYCLES%**	**CARS**	**CARS %**	**LGV**	**LGV %**	**HGV**	**HGV %**	**BUS**	**BUS %**
Sat 13-Jul-19											
00:00	3	0	0.0	2	66.7	1	33.3	0	0.0	0	0.0
01:00	18	0	0.0	18	100.0	0	0.0	0	0.0	0	0.0
02:00	2	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0
03:00	2	0	0.0	1	50.0	1	50.0	0	0.0	0	0.0
04:00	4	1	25.0	3	75.0	0	0.0	0	0.0	0	0.0
05:00	2	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0
06:00	8	0	0.0	7	87.5	1	12.5	0	0.0	0	0.0
07:00	20	0	0.0	17	85.0	3	15.0	0	0.0	0	0.0
08:00	34	1	2.9	27	79.4	5	14.7	1	2.9	0	0.0
09:00	51	5	9.8	41	80.4	5	9.8	0	0.0	0	0.0
10:00	52	3	5.8	44	84.6	4	7.7	1	1.9	0	0.0
11:00	80	3	3.8	69	86.3	7	8.8	1	1.3	0	0.0
12:00	89	1	1.1	81	91.0	5	5.6	2	2.3	0	0.0
13:00	69	0	0.0	64	92.8	4	5.8	1	1.5	0	0.0
14:00	61	1	1.6	54	88.5	6	9.8	0	0.0	0	0.0
15:00	64	4	6.3	57	89.1	3	4.7	0	0.0	0	0.0
16:00	67	0	0.0	64	95.5	2	3.0	1	1.5	0	0.0
17:00	48	1	2.1	44	91.7	3	6.3	0	0.0	0	0.0
18:00	38	1	2.6	34	89.5	2	5.3	1	2.6	0	0.0
19:00	19	1	5.3	18	94.7	0	0.0	0	0.0	0	0.0
20:00	25	0	0.0	22	88.0	2	8.0	1	4.0	0	0.0
21:00	11	0	0.0	11	100.0	0	0.0	0	0.0	0	0.0
22:00	13	0	0.0	13	100.0	0	0.0	0	0.0	0	0.0
23:00	5	0	0.0	4	80.0	1	20.0	0	0.0	0	0.0
12H,7-19	673	20	3.0	596	88.6	49	7.3	8	1.2	0	0.0
16H,6-22	736	21	2.9	654	88.9	52	7.1	9	1.2	0	0.0
18H,6-24	754	21	2.8	671	89.0	53	7.0	9	1.2	0	0.0
24H,0-24	785	22	2.8	699	89.0	55	7.0	9	1.2	0	0.0

24409		WILLINGTON			Site No: 24409001		Location	Site 1, Barford Road, Willington (Tree)			
Tue 09-Jul-19 to Mon 15-Jul-19					Channel: Westbound						
TIME PERIOD	**TOTAL VEHICLES**	**MOTOR-CYCLES**	**MOTOR-CYCLES%**	**CARS**	**CARS %**	**LGV**	**LGV %**	**HGV**	**HGV %**	**BUS**	**BUS %**
Sun 14-Jul-19											
00:00	19	0	0.0	19	100.0	0	0.0	0	0.0	0	0.0
01:00	1	0	0.0	0	0.0	1	100.0	0	0.0	0	0.0
02:00	5	0	0.0	3	60.0	2	40.0	0	0.0	0	0.0
03:00	2	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0
04:00	1	1	100.0	0	0.0	0	0.0	0	0.0	0	0.0
05:00	2	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0
06:00	4	0	0.0	2	50.0	2	50.0	0	0.0	0	0.0
07:00	9	0	0.0	8	88.9	1	11.1	0	0.0	0	0.0
08:00	16	1	6.3	15	93.8	0	0.0	0	0.0	0	0.0
09:00	32	1	3.1	29	90.6	1	3.1	1	3.1	0	0.0
10:00	55	2	3.6	49	89.1	4	7.3	0	0.0	0	0.0
11:00	69	3	4.4	61	88.4	5	7.3	0	0.0	0	0.0
12:00	74	5	6.8	61	82.4	4	5.4	4	5.4	0	0.0
13:00	83	1	1.2	75	90.4	5	6.0	2	2.4	0	0.0
14:00	66	0	0.0	62	93.9	4	6.1	0	0.0	0	0.0
15:00	44	3	6.8	36	81.8	4	9.1	1	2.3	0	0.0
16:00	43	3	7.0	36	83.7	3	7.0	1	2.3	0	0.0
17:00	40	3	7.5	35	87.5	1	2.5	1	2.5	0	0.0
18:00	23	0	0.0	21	91.3	2	8.7	0	0.0	0	0.0
19:00	21	1	4.8	18	85.7	2	9.5	0	0.0	0	0.0
20:00	17	0	0.0	17	100.0	0	0.0	0	0.0	0	0.0
21:00	9	0	0.0	7	77.8	2	22.2	0	0.0	0	0.0
22:00	6	0	0.0	6	100.0	0	0.0	0	0.0	0	0.0
23:00	4	0	0.0	4	100.0	0	0.0	0	0.0	0	0.0
12H,7-19	554	22	4.0	488	88.1	34	6.1	10	1.8	0	0.0
16H,6-22	605	23	3.8	532	87.9	40	6.6	10	1.7	0	0.0
18H,6-24	615	23	3.7	542	88.1	40	6.5	10	1.6	0	0.0
24H,0-24	645	24	3.7	568	88.1	43	6.7	10	1.6	0	0.0

24409		WILLINGTON			Site No: 24409001		Location	Site 1, Barford Road, Willington (Tree)			
Tue 09-Jul-19 to Mon 15-Jul-19					Channel: Westbound						
TIME PERIOD	**TOTAL VEHICLES**	**MOTOR-CYCLES**	**MOTOR-CYCLES%**	**CARS**	**CARS %**	**LGV**	**LGV %**	**HGV**	**HGV %**	**BUS**	**BUS %**
Mon 15-Jul-19											
00:00	1	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0
01:00	18	0	0.0	18	100.0	0	0.0	0	0.0	0	0.0
02:00	2	0	0.0	1	50.0	0	0.0	1	50.0	0	0.0
03:00	1	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0
04:00	3	0	0.0	2	66.7	0	0.0	1	33.3	0	0.0
05:00	11	2	18.2	6	54.6	2	18.2	1	9.1	0	0.0
06:00	74	3	4.1	58	78.4	9	12.2	4	5.4	0	0.0
07:00	272	1	0.4	239	87.9	27	9.9	5	1.8	0	0.0
08:00	76	1	1.3	60	79.0	11	14.5	4	5.3	0	0.0
09:00	85	2	2.4	71	83.5	8	9.4	4	4.7	0	0.0
10:00	72	0	0.0	52	72.2	13	18.1	7	9.7	0	0.0
11:00	76	1	1.3	58	76.3	13	17.1	4	5.3	0	0.0
12:00	64	0	0.0	55	85.9	6	9.4	3	4.7	0	0.0
13:00	62	1	1.6	51	82.3	7	11.3	3	4.8	0	0.0
14:00	68	0	0.0	45	66.2	9	13.2	12	17.7	2	2.9
15:00	85	1	1.2	75	88.2	5	5.9	3	3.5	1	1.2
16:00	96	2	2.1	85	88.5	7	7.3	2	2.1	0	0.0
17:00	75	1	1.3	61	81.3	11	14.7	2	2.7	0	0.0
18:00	52	0	0.0	48	92.3	4	7.7	0	0.0	0	0.0
19:00	34	5	14.7	24	70.6	5	14.7	0	0.0	0	0.0
20:00	15	0	0.0	15	100.0	0	0.0	0	0.0	0	0.0
21:00	12	0	0.0	10	83.3	2	16.7	0	0.0	0	0.0
22:00	6	0	0.0	6	100.0	0	0.0	0	0.0	0	0.0
23:00	2	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0
12H,7-19	1083	10	0.9	900	83.1	121	11.2	49	4.5	3	0.3
16H,6-22	1218	18	1.5	1007	82.7	137	11.3	53	4.4	3	0.3
18H,6-24	1226	18	1.5	1015	82.8	137	11.2	53	4.3	3	0.2
24H,0-24	1262	20	1.6	1044	82.7	139	11.0	56	4.4	3	0.2

24409	WILLINGTON	Site No: 24409001	Location	Site 1, Barford Road, Willington (Tree)
Tue 09-Jul-19 to Mon 15-Jul-19		Channel: Westbound		

TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	MOTOR-CYCLES%	CARS	CARS %	LGV	LGV %	HGV	HGV %	BUS	BUS %
Daily Totals											
Tue 09-Jul-19	**1028**	23	2.2	815	79.3	123	12.0	59	5.7	8	0.8
Wed 10-Jul-19	**983**	18	1.8	787	80.1	115	11.7	56	5.7	7	0.7
Thu 11-Jul-19	**1084**	22	2.0	890	82.1	104	9.6	56	5.2	12	1.1
Fri 12-Jul-19	**1039**	16	1.5	855	82.3	98	9.4	62	6.0	8	0.8
Sat 13-Jul-19	**785**	22	2.8	699	89.0	55	7.0	9	1.2	0	0.0
Sun 14-Jul-19	**645**	24	3.7	568	88.1	43	6.7	10	1.6	0	0.0
Mon 15-Jul-19	**1262**	20	1.6	1044	82.7	139	11.0	56	4.4	3	0.2
Total Vehicles											
[--]	**6826**	145	2.2	5658	83.4	677	9.6	308	4.2	38	0.5



24409			WILLINGTON				Site No: 24409001			Location	Site 1, Barford Road, Willington (Tree)					
Tue 09-Jul-19 to Mon 15-Jul-19							Channel: Westbound									
Time Period	Total Vehicles	85%ile Speed	Mean Speed	Stand Dev.	<6Mph	6-<11	11-<16	16-<21	21-<26	26-<31	31-<36	36-<41	41-<46	46-<51	51-<56	=>56
Tue 09-Jul-19																
00:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
01:00	19	47.1	36.7	9.7	0	0	0	0	2	6	2	1	4	3	1	0
02:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
03:00	1	-	38.5	-	0	0	0	0	0	0	0	1	0	0	0	0
04:00	1	-	33.5	-	0	0	0	0	0	0	1	0	0	0	0	0
05:00	4	-	39.8	11.1	0	0	0	0	0	1	1	0	1	0	1	0
06:00	20	40.2	32.8	8.6	0	0	2	0	0	6	4	5	3	0	0	0
07:00	74	38.1	31.3	6.4	0	0	0	4	9	25	18	15	2	1	0	0
08:00	90	38.9	31.8	7.5	0	0	1	8	5	27	27	14	5	2	1	0
09:00	84	36	30.3	6.2	0	1	1	3	8	34	24	11	2	0	0	0
10:00	67	34.7	29.2	5.5	0	0	2	2	9	31	17	6	0	0	0	0
11:00	68	35.1	29.4	6	0	0	2	4	9	25	21	7	0	0	0	0
12:00	73	35.7	29.6	7.6	0	1	3	3	8	32	15	8	2	0	0	1
13:00	74	35.3	30.8	5	0	0	0	2	9	24	32	6	1	0	0	0
14:00	51	35.7	31.1	4.8	0	0	0	0	6	20	18	6	1	0	0	0
15:00	91	34.9	29.9	5.7	0	0	1	4	12	38	28	4	4	0	0	0
16:00	94	37.1	30.1	7.3	0	0	1	8	9	45	14	11	3	1	2	0
17:00	72	40.1	34.2	5.3	0	0	0	0	0	22	28	13	8	1	0	0
18:00	60	39.4	32.7	6.4	0	0	0	2	4	21	14	14	4	1	0	0
19:00	32	43.6	36.2	7.5	0	0	1	0	1	4	10	7	7	2	0	0
20:00	25	39.1	29.9	9	0	0	0	7	2	3	5	6	2	0	0	0
21:00	13	33.8	32.3	5.2	0	0	0	0	1	4	6	1	1	0	0	0
22:00	11	48.1	37.1	11.9	0	0	1	0	0	1	4	2	0	2	0	1
23:00	4	-	38.5	7.1	0	0	0	0	0	1	0	1	2	0	0	0
12H,7-19	898	36.9	30.8	6.4	0	2	11	40	88	344	256	115	32	6	3	1
16H,6-22	988	37.6	31	6.6	0	2	14	47	92	361	281	134	45	8	3	1
18H,6-24	1003	37.8	31.1	6.7	0	2	15	47	92	363	285	137	47	10	3	2
24H,0-24	1028	38	31.3	6.9	0	2	15	47	94	370	289	139	52	13	5	2

24409			WILLINGTON				Site No: 24409001				Location	Site 1, Barford Road, Willington (Tree)				
Tue 09-Jul-19 to Mon 15-Jul-19							Channel: Westbound									
Time Period	Total Vehicles	85%ile Speed	Mean Speed	Stand Dev.	<6Mph	6-<11	11-<16	16-<21	21-<26	26-<31	31-<36	36-<41	41-<46	46-<51	51-<56	=>56
Wed 10-Jul-19																
00:00	3	-	38.5	8.8	0	0	0	0	0	1	0	0	2	0	0	0
01:00	22	45	39.2	6.9	0	0	0	0	0	1	7	7	4	2	0	1
02:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
03:00	6	-	37.7	11.2	0	0	0	0	0	2	1	2	0	0	0	1
04:00	3	-	38.5	5	0	0	0	0	0	0	1	1	1	0	0	0
05:00	5	-	37.5	4.4	0	0	0	0	0	0	2	2	1	0	0	0
06:00	24	42.5	33.9	8.2	0	0	0	1	2	8	3	5	3	2	0	0
07:00	63	38.8	32.5	6.3	0	0	1	1	4	19	22	11	4	1	0	0
08:00	78	40.2	32.4	7.5	0	0	0	8	3	23	20	14	8	2	0	0
09:00	82	35.9	31.2	5.7	0	0	0	3	6	34	27	7	4	1	0	0
10:00	68	35.8	29.9	6.6	0	0	1	6	6	29	16	7	2	1	0	0
11:00	64	35.7	30.5	6.3	0	0	1	3	5	28	18	7	1	0	1	0
12:00	67	35.8	30.4	6.1	0	0	3	1	4	31	18	8	2	0	0	0
13:00	54	36.9	31.4	5.8	0	0	0	2	4	22	16	8	1	1	0	0
14:00	66	34.4	28.8	5.9	0	0	2	4	11	25	20	3	1	0	0	0
15:00	76	39.1	31.3	7.6	0	0	2	5	10	18	21	13	6	1	0	0
16:00	93	37.6	30.8	6.4	0	0	2	5	12	25	28	21	0	0	0	0
17:00	70	40.5	35.6	6.1	0	0	0	0	2	11	26	22	7	0	1	1
18:00	58	39.8	34.2	5.4	0	0	0	0	2	14	23	13	5	1	0	0
19:00	22	41.5	36.9	7.3	0	0	0	0	1	1	10	6	2	1	0	1
20:00	36	40.1	32.7	7.3	0	0	1	0	4	10	11	5	4	1	0	0
21:00	12	39.5	32.7	11.3	0	1	0	1	0	1	6	1	1	0	1	0
22:00	6	-	35.2	7.6	0	0	0	0	1	0	3	0	2	0	0	0
23:00	5	-	35.5	7.6	0	0	0	0	1	0	1	2	1	0	0	0
12H,7-19	839	38.2	31.6	6.6	0	0	12	38	69	279	255	134	41	8	2	1
16H,6-22	933	38.6	31.8	6.8	0	1	13	40	76	299	285	151	51	12	3	2
18H,6-24	944	38.7	31.8	6.8	0	1	13	40	78	299	289	153	54	12	3	2
24H,0-24	983	39	32.1	7	0	1	13	40	78	303	300	165	62	14	3	4

24409			WILLINGTON				Site No: 24409001				Location	Site 1, Barford Road, Willington (Tree)				
Tue 09-Jul-19 to Mon 15-Jul-19							Channel: Westbound									
Time Period	Total Vehicles	85%ile Speed	Mean Speed	Stand Dev.	<6Mph	6-<11	11-<16	16-<21	21-<26	26-<31	31-<36	36-<41	41-<46	46-<51	51-<56	=>56
Thu 11-Jul-19																
00:00	8	-	37.9	9.8	0	0	0	0	0	3	1	1	1	1	1	0
01:00	24	45.3	38.7	6.8	0	0	0	0	0	4	5	4	8	3	0	0
02:00	3	-	36.8	5.9	0	0	0	0	0	0	2	0	1	0	0	0
03:00	2	-	31	3.5	0	0	0	0	0	1	1	0	0	0	0	0
04:00	5	-	41.5	5.8	0	0	0	0	0	0	1	1	2	1	0	0
05:00	8	-	36	10.1	0	0	0	1	0	2	0	2	2	1	0	0
06:00	25	43.2	34.5	9.6	0	0	1	0	3	6	4	5	4	0	2	0
07:00	69	37.9	31.7	6.3	0	0	0	1	7	30	19	3	8	1	0	0
08:00	78	38.9	31.6	7	0	0	1	4	8	26	17	17	3	2	0	0
09:00	82	37.2	31.2	6	0	0	1	3	8	28	26	13	3	0	0	0
10:00	70	37	30	7.1	0	1	0	8	4	29	15	10	2	1	0	0
11:00	77	36	31.4	5.4	0	1	0	2	2	31	29	11	1	0	0	0
12:00	70	36	29.6	6.5	0	1	2	3	5	34	14	10	1	0	0	0
13:00	63	37.3	30.2	6.4	0	0	2	2	8	26	12	12	1	0	0	0
14:00	84	36	30.8	5.6	0	0	2	1	7	35	26	11	2	0	0	0
15:00	95	34.6	28.3	6.6	0	2	1	12	8	43	20	8	1	0	0	0
16:00	90	36	30.3	6.4	1	0	1	3	7	42	22	11	2	1	0	0
17:00	89	38.1	32.1	6.4	0	0	2	4	3	25	35	15	4	1	0	0
18:00	52	40.3	34	6.1	0	0	0	0	3	14	19	9	5	2	0	0
19:00	38	41.8	34.6	7.2	0	0	0	1	2	11	7	10	5	2	0	0
20:00	29	46.2	37.1	6.9	0	0	0	0	0	3	15	4	2	4	1	0
21:00	12	43.1	36.4	6.7	0	0	0	0	0	4	1	3	4	0	0	0
22:00	6	-	37.7	6.7	0	0	0	0	0	1	1	3	0	1	0	0
23:00	5	-	34.5	9	0	0	0	0	1	1	1	0	2	0	0	0
12H,7-19	919	37.3	30.8	6.5	1	5	12	43	70	363	254	130	33	8	0	0
16H,6-22	1023	38.1	31.3	6.7	1	5	13	44	75	387	281	152	48	14	3	0
18H,6-24	1034	38.2	31.4	6.8	1	5	13	44	76	389	283	155	50	15	3	0
24H,0-24	1084	38.7	31.7	6.9	1	5	13	45	76	399	293	163	64	21	4	0

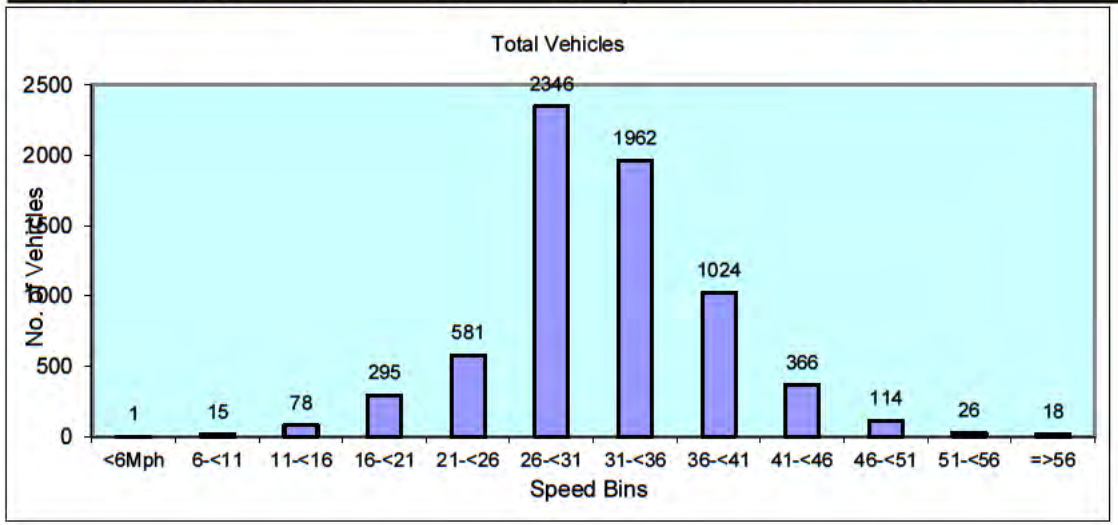
24409			WILLINGTON				Site No: 24409001				Location	Site 1, Barford Road, Willington (Tree)				
Tue 09-Jul-19 to Mon 15-Jul-19							Channel: Westbound									
Time Period	Total Vehicles	85%ile Speed	Mean Speed	Stand Dev.	<6Mph	6-<11	11-<16	16-<21	21-<26	26-<31	31-<36	36-<41	41-<46	46-<51	51-<56	=>56
Fri 12-Jul-19																
00:00	1	-	23.5	-	0	0	0	0	1	0	0	0	0	0	0	0
01:00	22	46.3	35.8	7.8	0	0	0	0	0	6	10	1	1	3	1	0
02:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
03:00	4	-	34.8	4.9	0	0	0	0	0	1	1	2	0	0	0	0
04:00	2	-	33.5	1.8	0	0	0	0	0	0	2	0	0	0	0	0
05:00	6	-	38.5	10.5	0	0	0	1	0	0	0	2	2	1	0	0
06:00	33	40.6	33.2	7.1	0	0	1	0	3	8	10	6	5	0	0	0
07:00	69	37.8	31.8	7.7	0	0	1	6	4	18	27	6	5	1	0	1
08:00	77	40.2	32.8	6.9	0	0	0	3	9	18	24	13	9	1	0	0
09:00	78	38.7	32	7.2	0	0	2	4	4	25	21	18	2	1	1	0
10:00	87	35.4	30.1	6	0	0	0	5	12	37	22	7	3	1	0	0
11:00	63	36	30.3	6.2	0	0	1	4	8	19	21	9	1	0	0	0
12:00	58	36.5	30.7	5.7	0	0	1	1	4	29	13	8	2	0	0	0
13:00	69	35.5	31.5	4.8	0	0	0	1	4	26	30	7	0	1	0	0
14:00	86	35.4	29.5	6.6	0	1	1	5	12	35	21	10	0	0	1	0
15:00	82	35.6	30.1	5.9	0	0	0	6	11	29	25	9	2	0	0	0
16:00	100	38.1	30.9	7	0	0	2	8	8	34	25	18	4	1	0	0
17:00	63	40.7	35	6.7	0	0	0	2	2	10	24	16	4	5	0	0
18:00	50	39.8	33.5	6.9	0	0	1	0	2	17	13	12	3	1	1	0
19:00	38	39.2	33.5	5.9	0	0	0	0	0	16	12	6	2	2	0	0
20:00	20	42.3	36	8.6	0	0	0	1	0	4	6	5	2	1	0	1
21:00	17	40.9	35.3	6.5	0	0	0	0	1	3	6	4	2	1	0	0
22:00	9	-	35.2	10.1	0	0	0	0	2	2	0	3	1	0	1	0
23:00	5	-	38.5	6.3	0	0	0	0	0	1	0	2	2	0	0	0
12H,7-19	882	37.9	31.4	6.6	0	1	9	45	80	297	266	133	35	12	3	1
16H,6-22	990	38.3	31.7	6.7	0	1	10	46	84	328	300	154	46	16	3	2
18H,6-24	1004	38.5	31.7	6.8	0	1	10	46	86	331	300	159	49	16	4	2
24H,0-24	1039	38.6	31.9	6.9	0	1	10	47	87	338	313	164	52	20	5	2

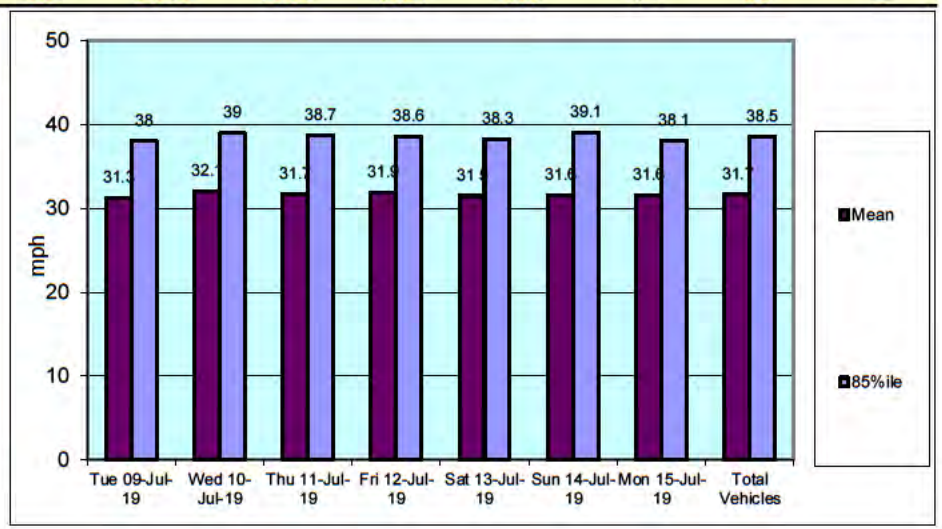
24409			WILLINGTON				Site No: 24409001				Location	Site 1, Barford Road, Willington (Tree)				
Tue 09-Jul-19 to Mon 15-Jul-19							Channel: Westbound									
Time Period	Total Vehicles	85%ile Speed	Mean Speed	Stand Dev.	<6Mph	6-<11	11-<16	16-<21	21-<26	26-<31	31-<36	36-<41	41-<46	46-<51	51-<56	=>56
Sat 13-Jul-19																
00:00	3	-	40.2	5.9	0	0	0	0	0	0	1	0	2	0	0	0
01:00	18	45.5	38.2	7.5	0	0	0	0	0	1	8	5	1	2	0	1
02:00	2	-	38.5	14.1	0	0	0	0	0	1	0	0	0	1	0	0
03:00	2	-	38.5	1.8	0	0	0	0	0	0	0	2	0	0	0	0
04:00	4	-	41	5.2	0	0	0	0	0	0	0	3	0	1	0	0
05:00	2	-	51	3.5	0	0	0	0	0	0	0	0	0	1	1	0
06:00	8	-	33.5	7.6	0	0	0	0	1	3	1	1	2	0	0	0
07:00	20	39.5	31.3	9.8	0	0	0	4	3	2	4	5	1	0	1	0
08:00	34	39.1	32.9	7.1	0	0	0	3	2	5	14	7	2	1	0	0
09:00	51	33.9	27.4	7.2	0	0	3	7	8	19	10	3	0	1	0	0
10:00	52	35.8	30.9	5.7	0	0	0	3	5	17	19	7	1	0	0	0
11:00	80	36.8	29.6	7.1	0	1	3	3	11	33	15	10	4	0	0	0
12:00	89	35.4	31.1	5.6	0	0	0	6	2	33	39	7	1	0	1	0
13:00	69	36.1	30.8	5.7	0	0	1	2	6	28	21	9	2	0	0	0
14:00	61	39.3	31.7	8.6	0	1	1	6	1	21	12	14	3	1	0	1
15:00	64	37.1	30.4	6	0	0	0	4	10	21	16	13	0	0	0	0
16:00	67	36.3	30.7	6.3	0	0	0	4	7	27	18	8	1	2	0	0
17:00	48	37.6	32.4	5.2	0	0	0	1	0	21	16	7	3	0	0	0
18:00	38	40	33.4	6.7	0	0	0	2	2	10	9	11	4	0	0	0
19:00	19	38.8	32.2	8.1	0	0	0	1	3	5	5	3	0	2	0	0
20:00	25	36.9	32.5	5.4	0	0	0	1	1	6	12	4	1	0	0	0
21:00	11	40.6	35.8	4.9	0	0	0	0	0	1	6	2	2	0	0	0
22:00	13	42.4	37.3	8.1	0	0	0	0	0	2	5	3	2	0	0	1
23:00	5	-	33.5	3.7	0	0	0	0	0	1	3	1	0	0	0	0
12H,7-19	673	37.5	30.9	6.7	0	2	8	45	57	237	193	101	22	5	2	1
16H,6-22	736	37.7	31.1	6.7	0	2	8	47	62	252	217	111	27	7	2	1
18H,6-24	754	37.8	31.2	6.8	0	2	8	47	62	255	225	115	29	7	2	2
24H,0-24	785	38.3	31.5	7	0	2	8	47	62	257	234	125	32	12	3	3

24409			WILLINGTON				Site No: 24409001				Location	Site 1, Barford Road, Willington (Tree)					
Tue 09-Jul-19 to Mon 15-Jul-19							Channel: Westbound										
Time Period	Total Vehicles	85%ile Speed	Mean Speed	Stand Dev.	<6Mph	6-<11	11-<16	16-<21	21-<26	26-<31	31-<36	36-<41	41-<46	46-<51	51-<56	=>56
Sun 14-Jul-19																
00:00	19	44.3	40.6	8	0	0	0	0	0	1	4	7	4	1	0	2
01:00	1	-	38.5	-	0	0	0	0	0	0	0	1	0	0	0	0
02:00	5	-	30.5	6.9	0	0	0	1	0	0	4	0	0	0	0	0
03:00	2	-	31	10.6	0	0	0	0	1	0	0	1	0	0	0	0
04:00	1	-	48.5	-	0	0	0	0	0	0	0	0	0	1	0	0
05:00	2	-	46	3.5	0	0	0	0	0	0	0	0	1	1	0	0
06:00	4	-	44.8	2.8	0	0	0	0	0	0	0	0	3	1	0	0
07:00	9	-	34.1	11.3	0	0	0	1	1	2	2	1	0	1	1	0
08:00	16	41.5	30.7	9.9	0	0	0	3	2	5	2	1	1	2	0	0
09:00	32	39.6	32.7	7.6	0	0	1	2	1	8	9	8	2	1	0	0
10:00	55	38.4	30.9	7.4	0	0	2	5	3	17	14	11	3	0	0	0
11:00	69	38	32.1	5.6	0	0	0	1	5	26	21	13	2	1	0	0
12:00	74	33.6	28.6	5.5	0	1	0	4	12	38	14	4	1	0	0	0
13:00	83	34.5	29.8	5.1	0	0	0	3	9	44	20	5	1	1	0	0
14:00	66	35.1	29	7.6	0	2	3	3	8	24	19	3	4	0	0	0
15:00	44	39.3	32.4	6.4	0	0	0	1	3	18	11	6	4	1	0	0
16:00	43	39.1	31.3	7.6	0	0	2	2	3	14	12	5	5	0	0	0
17:00	40	40.5	33.4	8	0	0	0	0	8	10	6	10	5	0	0	1
18:00	23	39.4	33.5	5.4	0	0	0	0	0	9	8	3	3	0	0	0
19:00	21	40.2	33.7	7.5	0	0	1	0	0	6	7	4	2	1	0	0
20:00	17	40.9	33.2	6.4	0	0	0	0	1	7	4	2	3	0	0	0
21:00	9	-	32.4	10.3	0	0	0	1	2	2	0	2	1	1	0	0
22:00	6	-	35.2	10.4	0	0	0	0	1	1	2	1	0	0	1	0
23:00	4	-	32.3	9.5	0	0	0	1	0	0	1	2	0	0	0	0
12H,7-19	554	37.9	30.9	6.9	0	3	8	25	55	215	138	70	31	7	1	1
16H,6-22	605	38.5	31.2	7.1	0	3	9	26	58	230	149	78	40	10	1	1
18H,6-24	615	38.5	31.2	7.1	0	3	9	27	59	231	152	81	40	10	2	1
24H,0-24	645	39.1	31.6	7.4	0	3	9	28	60	232	160	90	45	13	2	3

24409			WILLINGTON				Site No: 24409001				Location	Site 1, Barford Road, Willington (Tree)				
Tue 09-Jul-19 to Mon 15-Jul-19							Channel: Westbound									
Time Period	Total Vehicles	85%ile Speed	Mean Speed	Stand Dev.	<6Mph	6-<11	11-<16	16-<21	21-<26	26-<31	31-<36	36-<41	41-<46	46-<51	51-<56	=>56
Mon 15-Jul-19																
00:00	1	-	43.5	-	0	0	0	0	0	0	0	0	1	0	0	0
01:00	18	44	37.4	7.1	0	0	0	0	0	3	6	4	3	1	1	0
02:00	2	-	43.5	7.1	0	0	0	0	0	0	0	1	0	1	0	0
03:00	1	-	28.5	-	0	0	0	0	0	1	0	0	0	0	0	0
04:00	3	-	41.8	10.4	0	0	0	0	0	0	1	1	0	0	1	0
05:00	11	45.6	34.9	9.3	0	0	0	1	0	3	3	1	1	2	0	0
06:00	74	40.4	33.4	7.2	0	0	1	2	7	14	26	14	7	3	0	0
07:00	272	37.4	31.5	5.8	0	1	1	4	29	98	86	43	8	1	1	0
08:00	76	40.3	31.7	7.8	0	0	1	5	13	16	18	13	9	1	0	0
09:00	85	35.8	31.1	6.8	0	0	1	2	10	33	26	8	2	2	0	1
10:00	72	37.8	30.3	7.3	0	0	0	7	11	25	13	13	1	1	1	0
11:00	76	34.5	29.8	5.1	0	0	1	1	10	38	20	4	2	0	0	0
12:00	64	33.7	29.4	5	0	0	1	1	6	40	11	3	2	0	0	0
13:00	62	39.3	32.3	7.5	0	0	0	4	4	22	15	11	4	1	0	1
14:00	68	33.6	28.4	6.1	0	0	1	6	11	33	12	3	1	1	0	0
15:00	85	34.7	30.4	4.5	0	0	1	0	6	44	28	5	1	0	0	0
16:00	96	38.2	32.5	6	0	0	1	1	7	28	37	16	4	2	0	0
17:00	75	36.2	32.2	6.2	0	0	1	2	4	21	35	6	4	2	0	0
18:00	52	38.6	32.9	5.9	0	0	0	2	1	16	20	9	3	1	0	0
19:00	34	41.3	35.7	6.1	0	0	0	0	3	4	8	13	6	0	0	0
20:00	15	40.1	33.2	11.2	0	0	0	3	0	4	2	4	0	1	0	1
21:00	12	39.4	35.6	9	0	0	0	0	2	0	5	4	0	0	0	1
22:00	6	-	32.7	5.1	0	0	0	0	0	3	1	2	0	0	0	0
23:00	2	-	38.5	14.1	0	0	0	0	0	1	0	0	0	1	0	0
12H,7-19	1083	37	31.1	6.2	0	1	9	35	112	414	321	134	41	12	2	2
16H,6-22	1218	37.8	31.5	6.5	0	1	10	40	124	436	362	169	54	16	2	4
18H,6-24	1226	37.9	31.5	6.5	0	1	10	40	124	440	363	171	54	17	2	4
24H,0-24	1262	38.1	31.6	6.6	0	1	10	41	124	447	373	178	59	21	4	4

24409		WILLINGTON					Site No: 24409001			Location	Site 1, Barford Road, Willington (Tree)					
Tue 09-Jul-19 to Mon 15-Jul-19							Channel: Westbound									
Time Period	Total Vehicles	85%ile Speed	Mean Speed	Stand Dev.	<6Mph	6-<11	11-<16	16-<21	21-<26	26-<31	31-<36	36-<41	41-<46	46-<51	51-<56	=>56
Daily Totals																
Tue 09-Jul-19	**1028**	38	31.3	6.9	0	2	15	47	94	370	289	139	52	13	5	2
Wed 10-Jul-19	**983**	39	32.1	7	0	1	13	40	78	303	300	165	62	14	3	4
Thu 11-Jul-19	**1084**	38.7	31.7	6.9	1	5	13	45	76	399	293	163	64	21	4	0
Fri 12-Jul-19	**1039**	38.6	31.9	6.9	0	1	10	47	87	338	313	164	52	20	5	2
Sat 13-Jul-19	**785**	38.3	31.5	7	0	2	8	47	62	257	234	125	32	12	3	3
Sun 14-Jul-19	**645**	39.1	31.6	7.4	0	3	9	28	60	232	160	90	45	13	2	3
Mon 15-Jul-19	**1262**	38.1	31.6	6.6	0	1	10	41	124	447	373	178	59	21	4	4
Total Vehicles																
[--]	**6826**	38.5	31.7	7.0	1	15	78	295	581	2346	1962	1024	366	114	26	18

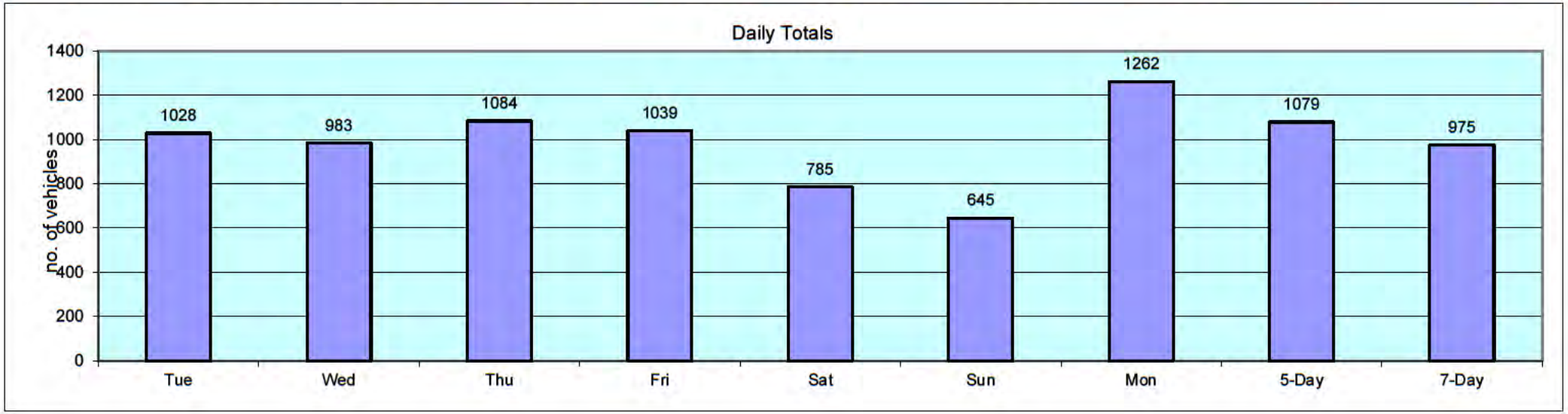




24409		WILLINGTON		Site No: 24409001 Channel: Westbound		Location	Site 1, Barford Road, Willington (Tree)		
TIME PERIOD	Tue 09/07/19	Wed 10/07/19	Thu 11/07/19	Fri 12/07/19	Sat 13/07/19	Sun 14/07/19	Mon 15/07/19	5-Day Av	7-Day Av
Week Begin: 09-Jul-19									
00:00	0	3	8	1	3	19	1	3	5
01:00	19	22	24	22	18	1	18	21	18
02:00	0	0	3	0	2	5	2	1	2
03:00	1	6	2	4	2	2	1	3	3
04:00	1	3	5	2	4	1	3	3	3
05:00	4	5	8	6	2	2	11	7	5
06:00	20	24	25	33	8	4	74	35	27
07:00	74	63	69	69	20	9	272	109	82
08:00	90	78	78	77	34	16	76	80	64
09:00	84	82	82	78	51	32	85	82	71
10:00	67	68	70	87	52	55	72	73	67
11:00	68	64	77	63	80	69	76	70	71
12:00	73	67	70	58	89	74	64	66	71
13:00	74	54	63	69	69	83	62	64	68
14:00	51	66	84	86	61	66	68	71	69
15:00	91	76	95	82	64	44	85	86	77
16:00	94	93	90	100	67	43	96	95	83
17:00	72	70	89	63	48	40	75	74	65
18:00	60	58	52	50	38	23	52	54	48
19:00	32	22	38	38	19	21	34	33	29
20:00	25	36	29	20	25	17	15	25	24
21:00	13	12	12	17	11	9	12	13	12
22:00	11	6	6	9	13	6	6	8	8
23:00	4	5	5	5	5	4	2	4	4
12H,7-19	898	839	919	882	673	554	1083	924	835
16H,6-22	988	933	1023	990	736	605	1218	1030	928
18H,6-24	1003	944	1034	1004	754	615	1226	1042	940
24H,0-24	1028	983	1084	1039	785	645	1262	1079	975
Am	08:00	09:00	09:00	10:00	11:00	11:00	07:00	-	-
Peak	90	82	82	87	80	69	272	123	109
Pm	16:00	16:00	15:00	16:00	12:00	13:00	16:00	-	-
Peak	94	93	95	100	89	83	96	96	93

24409	WILLINGTON	Site No: 24409001 Channel: Westbound	Location	Site 1, Barford Road, Willington (Tree)

TIME PERIOD	Tue 09/07/19	Wed 10/07/19	Thu 11/07/19	Fri 12/07/19	Sat 13/07/19	Sun 14/07/19	Mon 15/07/19	5-Day Av	7-Day Av



24409		WILLINGTON							
		JULY 2019							
Site	Location	Direction	Start Date	End Date	Posted Speed Limit (PSL)	Total Vehicles	5 Day Ave.	7 Day Ave.	Average 85%ile Speed
Site No: 24409002	Site 2, Barford Road, Willington (Post) TL 11836 49919	Channel: Eastbound	Tue 09-Jul-19	Mon 15-Jul-19	60	7853	1255	1122	51.4
		Channel: Westbound	Tue 09-Jul-19	Mon 15-Jul-19		6664	1053	952	50.0

24409		WILLINGTON JULY 2019				
Site	Location	Direction	Start Date	End Date	Posted Speed Limit (PSL)	Average Mean Speed
Site No: 24409002	Site 2, Barford Road, Willington (Post) TL 11836 49919	Channel: Eastbound	Tue 09-Jul-19	Mon 15-Jul-19	60	43.1
		Channel: Westbound	Tue 09-Jul-19	Mon 15-Jul-19		42.1

24409		WILLINGTON			Site No: 24409002		Location	Site 2, Barford Road, Willington (Post)			
Tue 09-Jul-19 to Mon 15-Jul-19					Channel: Eastbound						
TIME PERIOD	**TOTAL VEHICLES**	**MOTOR-CYCLES**	**MOTOR-CYCLES%**	**CARS**	**CARS %**	**LGV**	**LGV %**	**HGV**	**HGV %**	**BUS**	**BUS %**
Tue 09-Jul-19											
00:00	5	0	0.0	5	100.0	0	0.0	0	0.0	0	0.0
01:00	1	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0
02:00	0	0	-	0	-	0	-	0	-	0	-
03:00	2	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0
04:00	6	0	0.0	3	50.0	3	50.0	0	0.0	0	0.0
05:00	7	0	0.0	7	100.0	0	0.0	0	0.0	0	0.0
06:00	31	1	3.2	26	83.9	4	12.9	0	0.0	0	0.0
07:00	105	1	1.0	89	84.8	9	8.6	6	5.7	0	0.0
08:00	74	1	1.4	59	79.7	7	9.5	7	9.5	0	0.0
09:00	70	0	0.0	50	71.4	15	21.4	5	7.1	0	0.0
10:00	75	1	1.3	59	78.7	10	13.3	5	6.7	0	0.0
11:00	72	0	0.0	57	79.2	9	12.5	5	6.9	1	1.4
12:00	69	2	2.9	59	85.5	1	1.5	7	10.1	0	0.0
13:00	90	0	0.0	73	81.1	12	13.3	5	5.6	0	0.0
14:00	93	1	1.1	71	76.3	13	14.0	8	8.6	0	0.0
15:00	116	1	0.9	102	87.9	9	7.8	4	3.5	0	0.0
16:00	128	2	1.6	102	79.7	10	7.8	14	10.9	0	0.0
17:00	133	2	1.5	124	93.2	7	5.3	0	0.0	0	0.0
18:00	68	3	4.4	61	89.7	4	5.9	0	0.0	0	0.0
19:00	29	1	3.5	24	82.8	3	10.3	1	3.5	0	0.0
20:00	22	0	0.0	21	95.5	1	4.6	0	0.0	0	0.0
21:00	15	0	0.0	13	86.7	1	6.7	1	6.7	0	0.0
22:00	14	0	0.0	11	78.6	3	21.4	0	0.0	0	0.0
23:00	11	0	0.0	9	81.8	0	0.0	2	18.2	0	0.0
12H,7-19	1093	14	1.3	906	82.9	106	9.7	66	6.0	1	0.1
16H,6-22	1190	16	1.3	990	83.2	115	9.7	68	5.7	1	0.1
18H,6-24	1215	16	1.3	1010	83.1	118	9.7	70	5.8	1	0.1
24H,0-24	1236	16	1.3	1028	83.2	121	9.8	70	5.7	1	0.1

24409		WILLINGTON			Site No: 24409002		Location	Site 2, Barford Road, Willington (Post)			
Tue 09-Jul-19 to Mon 15-Jul-19					Channel: Eastbound						
TIME PERIOD	**TOTAL VEHICLES**	**MOTOR-CYCLES**	**MOTOR-CYCLES%**	**CARS**	**CARS %**	**LGV**	**LGV %**	**HGV**	**HGV %**	**BUS**	**BUS %**
Wed 10-Jul-19											
00:00	2	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0
01:00	1	0	0.0	0	0.0	1	100.0	0	0.0	0	0.0
02:00	1	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0
03:00	2	0	0.0	1	50.0	1	50.0	0	0.0	0	0.0
04:00	3	0	0.0	2	66.7	1	33.3	0	0.0	0	0.0
05:00	8	0	0.0	7	87.5	0	0.0	1	12.5	0	0.0
06:00	43	3	7.0	34	79.1	5	11.6	1	2.3	0	0.0
07:00	105	1	1.0	90	85.7	7	6.7	7	6.7	0	0.0
08:00	75	0	0.0	59	78.7	10	13.3	6	8.0	0	0.0
09:00	57	2	3.5	39	68.4	7	12.3	9	15.8	0	0.0
10:00	61	1	1.6	50	82.0	7	11.5	3	4.9	0	0.0
11:00	67	1	1.5	50	74.6	10	14.9	6	9.0	0	0.0
12:00	61	1	1.6	50	82.0	7	11.5	3	4.9	0	0.0
13:00	90	1	1.1	73	81.1	4	4.4	11	12.2	1	1.1
14:00	83	1	1.2	70	84.3	9	10.8	3	3.6	0	0.0
15:00	108	0	0.0	95	88.0	10	9.3	3	2.8	0	0.0
16:00	129	1	0.8	100	77.5	10	7.8	18	14.0	0	0.0
17:00	123	1	0.8	115	93.5	7	5.7	0	0.0	0	0.0
18:00	69	2	2.9	59	85.5	7	10.1	0	0.0	1	1.5
19:00	39	0	0.0	36	92.3	2	5.1	1	2.6	0	0.0
20:00	28	2	7.1	26	92.9	0	0.0	0	0.0	0	0.0
21:00	15	0	0.0	13	86.7	2	13.3	0	0.0	0	0.0
22:00	10	0	0.0	10	100.0	0	0.0	0	0.0	0	0.0
23:00	7	0	0.0	5	71.4	0	0.0	2	28.6	0	0.0
12H,7-19	1028	12	1.2	850	82.7	95	9.2	69	6.7	2	0.2
16H,6-22	1153	17	1.5	959	83.2	104	9.0	71	6.2	2	0.2
18H,6-24	1170	17	1.5	974	83.3	104	8.9	73	6.2	2	0.2
24H,0-24	1187	17	1.4	987	83.2	107	9.0	74	6.2	2	0.2

24409		WILLINGTON			Site No: 24409002		Location	Site 2, Barford Road, Willington (Post)			
Tue 09-Jul-19 to Mon 15-Jul-19					Channel: Eastbound						
TIME PERIOD	**TOTAL VEHICLES**	**MOTOR-CYCLES**	**MOTOR-CYCLES%**	**CARS**	**CARS %**	**LGV**	**LGV %**	**HGV**	**HGV %**	**BUS**	**BUS %**
Thu 11-Jul-19											
00:00	2	0	0.0	1	50.0	0	0.0	1	50.0	0	0.0
01:00	4	0	0.0	4	100.0	0	0.0	0	0.0	0	0.0
02:00	0	0	-	0	-	0	-	0	-	0	-
03:00	4	0	0.0	4	100.0	0	0.0	0	0.0	0	0.0
04:00	6	0	0.0	4	66.7	2	33.3	0	0.0	0	0.0
05:00	11	1	9.1	9	81.8	0	0.0	1	9.1	0	0.0
06:00	38	1	2.6	35	92.1	2	5.3	0	0.0	0	0.0
07:00	107	2	1.9	94	87.9	8	7.5	3	2.8	0	0.0
08:00	75	0	0.0	58	77.3	8	10.7	9	12.0	0	0.0
09:00	54	0	0.0	40	74.1	6	11.1	7	13.0	1	1.9
10:00	58	2	3.5	48	82.8	6	10.3	2	3.5	0	0.0
11:00	71	2	2.8	58	81.7	8	11.3	3	4.2	0	0.0
12:00	81	0	0.0	73	90.1	6	7.4	2	2.5	0	0.0
13:00	74	2	2.7	56	75.7	10	13.5	6	8.1	0	0.0
14:00	90	2	2.2	80	88.9	5	5.6	3	3.3	0	0.0
15:00	122	1	0.8	99	81.2	13	10.7	8	6.6	1	0.8
16:00	128	2	1.6	98	76.6	7	5.5	19	14.8	2	1.6
17:00	170	2	1.2	158	92.9	9	5.3	1	0.6	0	0.0
18:00	84	3	3.6	74	88.1	7	8.3	0	0.0	0	0.0
19:00	49	2	4.1	42	85.7	4	8.2	1	2.0	0	0.0
20:00	25	2	8.0	20	80.0	1	4.0	1	4.0	1	4.0
21:00	23	0	0.0	19	82.6	4	17.4	0	0.0	0	0.0
22:00	6	0	0.0	6	100.0	0	0.0	0	0.0	0	0.0
23:00	2	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0
12H,7-19	1114	18	1.6	936	84.0	93	8.4	63	5.7	4	0.4
16H,6-22	1249	23	1.8	1052	84.2	104	8.3	65	5.2	5	0.4
18H,6-24	1257	23	1.8	1060	84.3	104	8.3	65	5.2	5	0.4
24H,0-24	1284	24	1.9	1082	84.3	106	8.3	67	5.2	5	0.4

24409		WILLINGTON			Site No: 24409002		Location	Site 2, Barford Road, Willington (Post)			
Tue 09-Jul-19 to Mon 15-Jul-19					Channel: Eastbound						
TIME PERIOD	**TOTAL VEHICLES**	**MOTOR-CYCLES**	**MOTOR-CYCLES%**	**CARS**	**CARS %**	**LGV**	**LGV %**	**HGV**	**HGV %**	**BUS**	**BUS %**
Fri 12-Jul-19											
00:00	3	0	0.0	2	66.7	1	33.3	0	0.0	0	0.0
01:00	0	0	-	0	-	0	-	0	-	0	-
02:00	1	0	0.0	0	0.0	1	100.0	0	0.0	0	0.0
03:00	2	0	0.0	1	50.0	1	50.0	0	0.0	0	0.0
04:00	4	0	0.0	3	75.0	1	25.0	0	0.0	0	0.0
05:00	9	1	11.1	7	77.8	1	11.1	0	0.0	0	0.0
06:00	44	1	2.3	40	90.9	3	6.8	0	0.0	0	0.0
07:00	100	2	2.0	86	86.0	8	8.0	4	4.0	0	0.0
08:00	78	1	1.3	59	75.6	8	10.3	9	11.5	1	1.3
09:00	87	0	0.0	67	77.0	13	14.9	7	8.1	0	0.0
10:00	66	1	1.5	57	86.4	5	7.6	3	4.6	0	0.0
11:00	75	1	1.3	56	74.7	9	12.0	9	12.0	0	0.0
12:00	91	2	2.2	76	83.5	6	6.6	7	7.7	0	0.0
13:00	103	1	1.0	87	84.5	11	10.7	3	2.9	1	1.0
14:00	102	3	2.9	83	81.4	8	7.8	7	6.9	1	1.0
15:00	151	1	0.7	133	88.1	10	6.6	7	4.6	0	0.0
16:00	153	2	1.3	126	82.4	6	3.9	19	12.4	0	0.0
17:00	115	2	1.7	105	91.3	7	6.1	1	0.9	0	0.0
18:00	66	2	3.0	59	89.4	3	4.6	1	1.5	1	1.5
19:00	51	1	2.0	46	90.2	4	7.8	0	0.0	0	0.0
20:00	28	0	0.0	26	92.9	2	7.1	0	0.0	0	0.0
21:00	22	1	4.6	18	81.8	3	13.6	0	0.0	0	0.0
22:00	14	0	0.0	14	100.0	0	0.0	0	0.0	0	0.0
23:00	10	0	0.0	9	90.0	0	0.0	1	10.0	0	0.0
12H,7-19	1187	18	1.5	994	83.7	94	7.9	77	6.5	4	0.3
16H,6-22	1332	21	1.6	1124	84.4	106	8.0	77	5.8	4	0.3
18H,6-24	1356	21	1.6	1147	84.6	106	7.8	78	5.8	4	0.3
24H,0-24	1375	22	1.6	1160	84.4	111	8.1	78	5.7	4	0.3

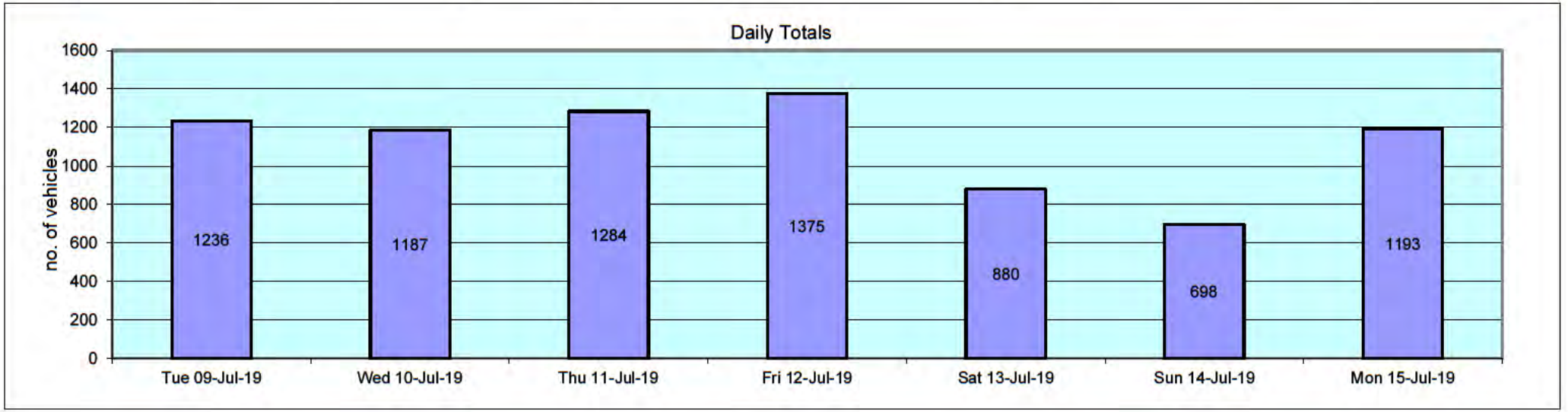
24409		WILLINGTON			Site No: 24409002		Location	Site 2, Barford Road, Willington (Post)			
Tue 09-Jul-19 to Mon 15-Jul-19					Channel: Eastbound						
TIME PERIOD	**TOTAL VEHICLES**	**MOTOR-CYCLES**	**MOTOR-CYCLES%**	**CARS**	**CARS %**	**LGV**	**LGV %**	**HGV**	**HGV %**	**BUS**	**BUS %**
Sat 13-Jul-19											
00:00	7	0	0.0	5	71.4	2	28.6	0	0.0	0	0.0
01:00	2	0	0.0	1	50.0	1	50.0	0	0.0	0	0.0
02:00	2	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0
03:00	3	0	0.0	2	66.7	1	33.3	0	0.0	0	0.0
04:00	2	0	0.0	1	50.0	1	50.0	0	0.0	0	0.0
05:00	6	0	0.0	6	100.0	0	0.0	0	0.0	0	0.0
06:00	11	1	9.1	10	90.9	0	0.0	0	0.0	0	0.0
07:00	30	1	3.3	27	90.0	2	6.7	0	0.0	0	0.0
08:00	30	0	0.0	26	86.7	4	13.3	0	0.0	0	0.0
09:00	52	0	0.0	44	84.6	6	11.5	2	3.9	0	0.0
10:00	59	2	3.4	52	88.1	4	6.8	1	1.7	0	0.0
11:00	86	1	1.2	76	88.4	8	9.3	1	1.2	0	0.0
12:00	78	1	1.3	72	92.3	2	2.6	3	3.9	0	0.0
13:00	75	2	2.7	69	92.0	3	4.0	1	1.3	0	0.0
14:00	76	1	1.3	70	92.1	5	6.6	0	0.0	0	0.0
15:00	85	3	3.5	80	94.1	2	2.4	0	0.0	0	0.0
16:00	77	0	0.0	74	96.1	3	3.9	0	0.0	0	0.0
17:00	64	0	0.0	61	95.3	2	3.1	1	1.6	0	0.0
18:00	41	1	2.4	38	92.7	2	4.9	0	0.0	0	0.0
19:00	35	0	0.0	33	94.3	2	5.7	0	0.0	0	0.0
20:00	24	2	8.3	22	91.7	0	0.0	0	0.0	0	0.0
21:00	14	0	0.0	14	100.0	0	0.0	0	0.0	0	0.0
22:00	16	0	0.0	14	87.5	2	12.5	0	0.0	0	0.0
23:00	5	0	0.0	4	80.0	1	20.0	0	0.0	0	0.0
12H,7-19	753	12	1.6	689	91.5	43	5.7	9	1.2	0	0.0
16H,6-22	837	15	1.8	768	91.8	45	5.4	9	1.1	0	0.0
18H,6-24	858	15	1.8	786	91.6	48	5.6	9	1.1	0	0.0
24H,0-24	880	15	1.7	803	91.3	53	6.0	9	1.0	0	0.0

24409		WILLINGTON			Site No: 24409002		Location	Site 2, Barford Road, Willington (Post)			
Tue 09-Jul-19 to Mon 15-Jul-19					Channel: Eastbound						
TIME PERIOD	**TOTAL VEHICLES**	**MOTOR-CYCLES**	**MOTOR-CYCLES%**	**CARS**	**CARS %**	**LGV**	**LGV %**	**HGV**	**HGV %**	**BUS**	**BUS %**
Sun 14-Jul-19											
00:00	8	0	0.0	8	100.0	0	0.0	0	0.0	0	0.0
01:00	1	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0
02:00	2	0	0.0	1	50.0	1	50.0	0	0.0	0	0.0
03:00	2	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0
04:00	4	0	0.0	1	25.0	2	50.0	0	0.0	1	25.0
05:00	4	0	0.0	3	75.0	1	25.0	0	0.0	0	0.0
06:00	4	0	0.0	3	75.0	1	25.0	0	0.0	0	0.0
07:00	14	0	0.0	12	85.7	2	14.3	0	0.0	0	0.0
08:00	10	0	0.0	10	100.0	0	0.0	0	0.0	0	0.0
09:00	31	3	9.7	27	87.1	1	3.2	0	0.0	0	0.0
10:00	38	1	2.6	36	94.7	1	2.6	0	0.0	0	0.0
11:00	70	3	4.3	66	94.3	1	1.4	0	0.0	0	0.0
12:00	68	3	4.4	60	88.2	4	5.9	1	1.5	0	0.0
13:00	70	3	4.3	64	91.4	3	4.3	0	0.0	0	0.0
14:00	70	2	2.9	64	91.4	3	4.3	1	1.4	0	0.0
15:00	75	4	5.3	68	90.7	2	2.7	0	0.0	1	1.3
16:00	81	3	3.7	77	95.1	1	1.2	0	0.0	0	0.0
17:00	45	4	8.9	40	88.9	0	0.0	1	2.2	0	0.0
18:00	25	2	8.0	23	92.0	0	0.0	0	0.0	0	0.0
19:00	24	0	0.0	24	100.0	0	0.0	0	0.0	0	0.0
20:00	19	1	5.3	17	89.5	1	5.3	0	0.0	0	0.0
21:00	16	0	0.0	14	87.5	1	6.3	1	6.3	0	0.0
22:00	14	0	0.0	13	92.9	1	7.1	0	0.0	0	0.0
23:00	3	0	0.0	2	66.7	1	33.3	0	0.0	0	0.0
12H,7-19	597	28	4.7	547	91.6	18	3.0	3	0.5	1	0.2
16H,6-22	660	29	4.4	605	91.7	21	3.2	4	0.6	1	0.2
18H,6-24	677	29	4.3	620	91.6	23	3.4	4	0.6	1	0.2
24H,0-24	698	29	4.2	636	91.1	27	3.9	4	0.6	2	0.3

24409		WILLINGTON			Site No: 24409002		Location	Site 2, Barford Road, Willington (Post)			
Tue 09-Jul-19 to Mon 15-Jul-19					Channel: Eastbound						
TIME PERIOD	**TOTAL VEHICLES**	**MOTOR-CYCLES**	**MOTOR-CYCLES%**	**CARS**	**CARS %**	**LGV**	**LGV %**	**HGV**	**HGV %**	**BUS**	**BUS %**
Mon 15-Jul-19											
00:00	1	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0
01:00	4	0	0.0	4	100.0	0	0.0	0	0.0	0	0.0
02:00	0	0	-	0	-	0	-	0	-	0	-
03:00	2	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0
04:00	6	0	0.0	5	83.3	1	16.7	0	0.0	0	0.0
05:00	12	1	8.3	9	75.0	1	8.3	1	8.3	0	0.0
06:00	30	1	3.3	27	90.0	2	6.7	0	0.0	0	0.0
07:00	113	3	2.7	98	86.7	7	6.2	5	4.4	0	0.0
08:00	89	0	0.0	68	76.4	15	16.9	6	6.7	0	0.0
09:00	66	1	1.5	49	74.2	10	15.2	6	9.1	0	0.0
10:00	52	0	0.0	43	82.7	6	11.5	3	5.8	0	0.0
11:00	68	2	2.9	48	70.6	13	19.1	5	7.4	0	0.0
12:00	83	1	1.2	68	81.9	8	9.6	6	7.2	0	0.0
13:00	76	0	0.0	66	86.8	6	7.9	4	5.3	0	0.0
14:00	69	1	1.5	51	73.9	10	14.5	7	10.1	0	0.0
15:00	115	1	0.9	97	84.4	8	7.0	9	7.8	0	0.0
16:00	127	1	0.8	99	78.0	10	7.9	16	12.6	1	0.8
17:00	125	4	3.2	108	86.4	12	9.6	1	0.8	0	0.0
18:00	64	2	3.1	54	84.4	8	12.5	0	0.0	0	0.0
19:00	48	1	2.1	44	91.7	3	6.3	0	0.0	0	0.0
20:00	11	2	18.2	9	81.8	0	0.0	0	0.0	0	0.0
21:00	20	0	0.0	17	85.0	2	10.0	1	5.0	0	0.0
22:00	8	0	0.0	8	100.0	0	0.0	0	0.0	0	0.0
23:00	4	0	0.0	3	75.0	0	0.0	1	25.0	0	0.0
12H,7-19	1047	16	1.5	849	81.1	113	10.8	68	6.5	1	0.1
16H,6-22	1156	20	1.7	946	81.8	120	10.4	69	6.0	1	0.1
18H,6-24	1168	20	1.7	957	81.9	120	10.3	70	6.0	1	0.1
24H,0-24	1193	21	1.8	978	82.0	122	10.2	71	6.0	1	0.1

24409	WILLINGTON	Site No: 24409002	Location	Site 2, Barford Road, Willington (Post)
Tue 09-Jul-19 to Mon 15-Jul-19		Channel: Eastbound		

TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	MOTOR-CYCLES%	CARS	CARS %	LGV	LGV %	HGV	HGV %	BUS	BUS %
Daily Totals											
Tue 09-Jul-19	**1236**	16	1.3	1028	83.2	121	9.8	70	5.7	1	0.1
Wed 10-Jul-19	**1187**	17	1.4	987	83.2	107	9.0	74	6.2	2	0.2
Thu 11-Jul-19	**1284**	24	1.9	1082	84.3	106	8.3	67	5.2	5	0.4
Fri 12-Jul-19	**1375**	22	1.6	1160	84.4	111	8.1	78	5.7	4	0.3
Sat 13-Jul-19	**880**	15	1.7	803	91.3	53	6.0	9	1.0	0	0.0
Sun 14-Jul-19	**698**	29	4.2	636	91.1	27	3.9	4	0.6	2	0.3
Mon 15-Jul-19	**1193**	21	1.8	978	82.0	122	10.2	71	6.0	1	0.1
Total Vehicles											
[--]	**7853**	144	2.0	6674	85.6	647	7.9	373	4.3	15	0.2



24409			WILLINGTON				Site No: 24409002			Location	Site 2, Barford Road, Willington (Post)					
Tue 09-Jul-19 to Mon 15-Jul-19							Channel: Eastbound									
Time Period	Total Vehicles	85%ile Speed	Mean Speed	Stand Dev.	<11Mph	11-<21	21-<31	31-<36	36-<41	41-<46	46-<51	51-<56	56-<61	61-<66	66-<71	=>71
Tue 09-Jul-19																
00:00	5	-	51.5	6.8	0	0	0	0	0	1	2	0	2	0	0	0
01:00	1	-	58.5	-	0	0	0	0	0	0	0	0	1	0	0	0
02:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
03:00	2	-	41	3.5	0	0	0	0	1	1	0	0	0	0	0	0
04:00	6	-	52.7	8.6	0	0	0	0	1	0	1	2	1	1	0	0
05:00	7	-	42.8	4.7	0	0	0	0	3	2	2	0	0	0	0	0
06:00	31	55.8	47.7	7.8	0	0	0	1	5	10	3	7	4	1	0	0
07:00	105	52	44.6	7.5	0	0	2	9	23	25	27	14	4	0	1	0
08:00	74	51.3	42.8	8.2	0	0	2	10	24	17	9	7	3	1	1	0
09:00	70	48.5	41.4	7.1	0	0	2	14	19	20	8	5	2	0	0	0
10:00	75	49.8	41.6	9.4	0	1	4	11	24	18	7	6	1	1	1	1
11:00	72	47.4	40	8.3	0	0	10	8	21	19	10	3	0	0	1	0
12:00	69	46.8	40	7.8	0	1	5	13	17	21	7	4	1	0	0	0
13:00	90	48.5	42.8	7.1	0	0	1	11	24	34	12	4	0	4	0	0
14:00	93	47.3	41.1	6.4	0	0	5	8	34	27	17	1	0	1	0	0
15:00	116	49.3	40.5	9	0	1	10	20	40	16	17	6	4	0	2	0
16:00	128	53.4	44.4	8.9	0	1	3	13	31	29	24	15	9	1	1	1
17:00	133	53.5	45.5	8.5	0	1	3	8	25	36	32	15	6	6	1	0
18:00	68	54.3	44.9	10.7	0	4	1	4	10	14	19	8	5	3	0	0
19:00	29	57.9	45.8	12.7	0	0	5	1	2	7	4	4	3	2	0	1
20:00	22	52	45.2	8.2	0	0	1	1	1	13	2	1	2	1	0	0
21:00	15	51.6	43.5	9.9	0	0	2	0	3	5	2	2	0	1	0	0
22:00	14	63.3	52.4	10.7	0	0	0	0	3	2	1	2	2	3	1	0
23:00	11	54.1	48.5	8.8	0	0	0	0	2	3	2	3	0	0	1	0
12H,7-19	1093	50.6	42.7	8.5	0	9	48	129	292	276	189	88	35	17	8	2
16H,6-22	1190	51	43	8.6	0	9	56	132	303	311	200	102	44	22	8	3
18H,6-24	1215	51.4	43.1	8.7	0	9	56	132	308	316	203	107	46	25	10	3
24H,0-24	1236	51.6	43.2	8.7	0	9	56	132	313	320	208	109	50	26	10	3

24409			WILLINGTON				Site No: 24409002			Location	Site 2, Barford Road, Willington (Post)					
Tue 09-Jul-19 to Mon 15-Jul-19							Channel: Eastbound									
Time Period	Total Vehicles	85%ile Speed	Mean Speed	Stand Dev.	<11Mph	11-<21	21-<31	31-<36	36-<41	41-<46	46-<51	51-<56	56-<61	61-<66	66-<71	=>71
Wed 10-Jul-19																
00:00	2	-	53.5	21.2	0	0	0	0	1	0	0	0	0	0	1	0
01:00	1	-	38.5	-	0	0	0	0	1	0	0	0	0	0	0	0
02:00	1	-	38.5	-	0	0	0	0	1	0	0	0	0	0	0	0
03:00	2	-	56	3.5	0	0	0	0	0	0	0	1	1	0	0	0
04:00	3	-	53.5	5	0	0	0	0	0	0	1	1	1	0	0	0
05:00	8	-	47.3	11	0	0	0	0	3	2	1	0	1	0	1	0
06:00	43	52.7	46.1	8.1	0	1	0	1	9	6	17	6	2	1	0	0
07:00	105	53.9	45.8	7.9	0	0	1	12	15	24	27	17	6	3	0	0
08:00	75	53.4	43.1	10.5	2	0	1	11	20	15	10	9	3	3	1	0
09:00	57	49.3	42.7	8.2	0	1	0	9	12	22	6	3	2	2	0	0
10:00	61	49.5	40.7	9.8	1	0	2	16	19	7	9	3	2	1	0	1
11:00	67	46.9	39.8	7	0	0	5	13	22	15	8	4	0	0	0	0
12:00	61	50.4	41.6	9.2	0	1	5	10	12	12	13	5	3	0	0	0
13:00	90	50.5	41.9	7.9	0	0	3	20	19	24	11	10	2	1	0	0
14:00	83	49	40	9.4	0	2	7	19	19	17	10	6	1	1	1	0
15:00	108	51.2	43.8	8.6	0	0	6	9	24	30	22	9	4	2	2	0
16:00	129	53.5	45	8.7	0	1	2	11	30	29	28	16	8	2	1	1
17:00	123	55.3	47.5	7.5	0	0	2	3	16	31	35	20	14	1	0	1
18:00	69	53.3	45.8	9.1	1	0	0	4	13	18	18	9	2	3	0	1
19:00	39	60.6	47.1	10.8	0	0	0	6	8	6	6	6	1	4	1	1
20:00	28	53.9	41.9	12.1	1	1	1	4	6	4	4	4	3	0	0	0
21:00	15	54.1	44.2	10.6	0	0	2	0	3	5	1	2	1	1	0	0
22:00	10	52.7	48.5	4.3	0	0	0	0	0	3	4	3	0	0	0	0
23:00	7	-	49.9	8.1	0	0	0	0	0	3	2	0	1	1	0	0
12H,7-19	1028	52.4	43.6	8.9	4	5	34	137	221	244	197	111	47	19	5	4
16H,6-22	1153	52.8	43.8	9.1	5	7	37	148	247	265	225	129	54	25	6	5
18H,6-24	1170	52.8	43.8	9.1	5	7	37	148	247	271	231	132	55	26	6	5
24H,0-24	1187	53	43.9	9.1	5	7	37	148	253	273	233	134	58	26	8	5

24409			WILLINGTON				Site No: 24409002			Location	Site 2, Barford Road, Willington (Post)					
Tue 09-Jul-19 to Mon 15-Jul-19							Channel: Eastbound									
Time Period	Total Vehicles	85%ile Speed	Mean Speed	Stand Dev.	<11Mph	11-<21	21-<31	31-<36	36-<41	41-<46	46-<51	51-<56	56-<61	61-<66	66-<71	=>71
Thu 11-Jul-19																
00:00	2	-	41	3.5	0	0	0	0	1	1	0	0	0	0	0	0
01:00	4	-	48.5	1.6	0	0	0	0	0	0	4	0	0	0	0	0
02:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
03:00	4	-	47.3	7.6	0	0	0	0	0	3	0	0	1	0	0	0
04:00	6	-	45.2	4.3	0	0	0	0	1	2	3	0	0	0	0	0
05:00	11	55.3	45.1	12.1	0	1	0	0	1	4	3	0	1	1	0	0
06:00	38	52	45.7	7.1	0	0	0	1	8	14	8	4	2	0	1	0
07:00	107	53.3	45.5	8	0	1	4	2	18	31	26	18	6	0	1	0
08:00	75	49.6	43.1	7.1	0	0	1	12	12	29	13	4	3	1	0	0
09:00	54	48.8	42.3	7.5	0	0	1	6	20	14	8	3	0	1	1	0
10:00	58	48	39.8	8.5	0	2	3	11	17	13	7	4	1	0	0	0
11:00	71	49.2	40.1	8.6	0	2	5	12	20	17	6	9	0	0	0	0
12:00	81	48.1	40.1	8.2	0	0	11	10	21	21	13	4	0	1	0	0
13:00	74	49.9	41.4	8.9	0	1	4	14	18	16	12	7	1	0	0	1
14:00	90	47.1	39.4	7.6	0	0	10	18	26	20	9	7	0	0	0	0
15:00	122	47.7	40.4	7.6	0	1	9	18	37	33	15	7	2	0	0	0
16:00	128	49.7	42	9	0	1	6	19	40	26	22	6	3	3	0	2
17:00	170	54.4	45.9	8.2	0	1	2	9	34	42	45	16	17	2	1	1
18:00	84	53.2	46.3	8	0	1	1	6	8	20	30	11	5	1	1	0
19:00	49	54.5	46.8	9	0	0	1	3	7	13	13	6	3	1	1	1
20:00	25	50.4	41	11.7	0	2	1	3	6	7	2	2	1	0	1	0
21:00	23	51.1	44.6	10.1	0	0	2	1	3	9	4	2	1	0	0	1
22:00	6	-	51	10.4	0	0	0	1	0	0	2	1	1	1	0	0
23:00	2	-	43.5	14.1	0	0	0	1	0	0	0	1	0	0	0	0
12H,7-19	1114	50.6	42.6	8.5	0	10	57	137	271	282	206	96	38	9	4	4
16H,6-22	1249	50.8	42.8	8.6	0	12	61	145	295	325	233	110	45	10	7	6
18H,6-24	1257	50.9	42.9	8.7	0	12	61	147	295	325	235	112	46	11	7	6
24H,0-24	1284	50.8	42.9	8.7	0	13	61	147	298	335	245	112	48	12	7	6

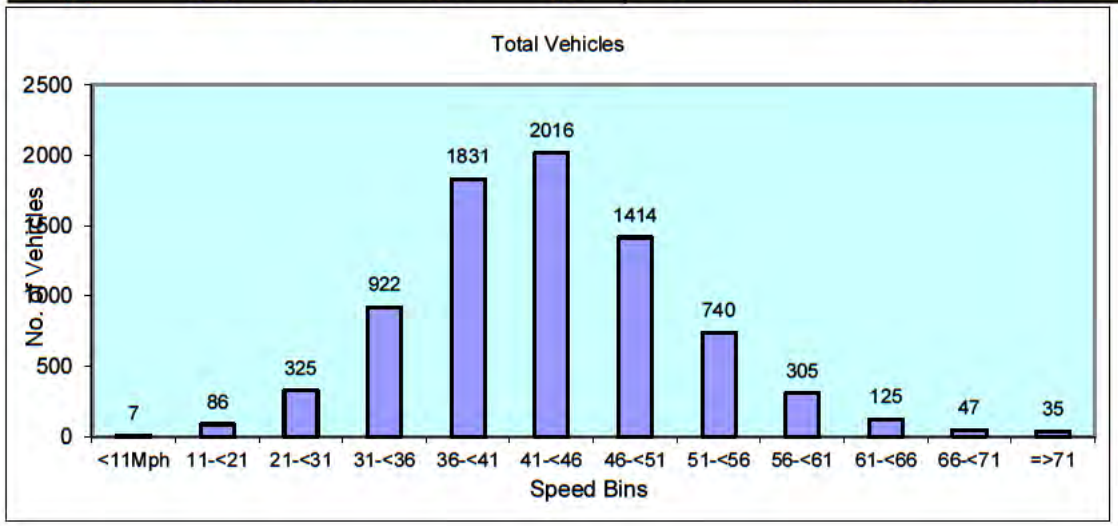
24409			WILLINGTON				Site No: 24409002			Location	Site 2, Barford Road, Willington (Post)					
Tue 09-Jul-19 to Mon 15-Jul-19							Channel: Eastbound									
Time Period	Total Vehicles	85%ile Speed	Mean Speed	Stand Dev.	<11Mph	11-<21	21-<31	31-<36	36-<41	41-<46	46-<51	51-<56	56-<61	61-<66	66-<71	=>71
Fri 12-Jul-19																
00:00	3	-	53.5	10	0	0	0	0	0	1	0	1	0	1	0	0
01:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
02:00	1	-	48.5	-	0	0	0	0	0	0	1	0	0	0	0	0
03:00	2	-	46	3.5	0	0	0	0	0	1	1	0	0	0	0	0
04:00	4	-	47.3	6.4	0	0	0	0	1	0	2	1	0	0	0	0
05:00	9	-	43.8	13.5	0	1	0	0	1	4	2	0	0	0	1	0
06:00	44	50.4	45.8	5.2	0	0	0	1	6	15	17	4	1	0	0	0
07:00	100	52.4	44.6	8.3	0	1	3	10	15	25	28	9	9	0	0	0
08:00	78	51.8	43.1	8.7	0	0	5	8	18	22	11	11	1	1	0	1
09:00	87	48.9	41.9	7.5	0	0	2	15	27	19	18	4	0	1	0	1
10:00	66	49.3	41.2	8.1	0	1	3	11	19	15	10	5	2	0	0	0
11:00	75	45.4	38.4	9.1	0	3	9	15	16	23	3	5	0	1	0	0
12:00	91	50.2	42.2	8.5	0	1	4	12	25	23	14	8	2	1	1	0
13:00	103	47.8	40.7	7	0	1	3	18	35	24	17	3	2	0	0	0
14:00	102	50.1	41.8	8.7	0	3	3	16	21	31	15	10	1	2	0	0
15:00	151	50.9	43.7	8.2	0	1	4	14	39	41	29	12	6	4	1	0
16:00	153	52.1	43.9	8.3	0	1	1	20	34	49	22	12	8	4	2	0
17:00	115	54.7	46.7	8	0	1	1	4	22	25	26	25	8	3	0	0
18:00	66	55.4	47.3	8.2	0	0	1	3	9	18	15	11	4	5	0	0
19:00	51	52.9	46.3	6.9	0	0	0	2	10	12	17	5	4	1	0	0
20:00	28	52.6	45.6	9.1	0	0	1	1	7	6	7	4	1	0	0	1
21:00	22	56.3	45.8	9.8	0	0	0	3	6	4	2	3	3	0	1	0
22:00	14	58.3	47.3	11.2	0	0	1	0	3	4	1	1	3	0	1	0
23:00	10	44.3	40.3	7	0	0	1	0	5	3	0	1	0	0	0	0
12H,7-19	1187	51.3	43.1	8.5	0	13	39	146	280	315	208	115	43	22	4	2
16H,6-22	1332	51.5	43.4	8.4	0	13	40	153	309	352	251	131	52	23	5	3
18H,6-24	1356	51.6	43.4	8.4	0	13	42	153	317	359	252	133	55	23	6	3
24H,0-24	1375	51.6	43.5	8.5	0	14	42	153	319	365	258	135	55	24	7	3

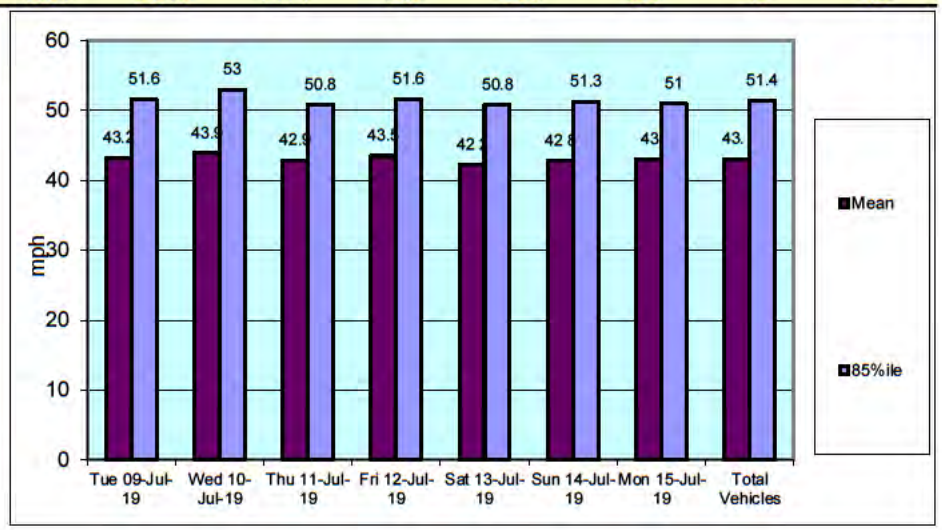
24409			WILLINGTON				Site No: 24409002			Location	Site 2, Barford Road, Willington (Post)					
Tue 09-Jul-19 to Mon 15-Jul-19							Channel: Eastbound									
Time Period	Total Vehicles	85%ile Speed	Mean Speed	Stand Dev.	<11Mph	11-<21	21-<31	31-<36	36-<41	41-<46	46-<51	51-<56	56-<61	61-<66	66-<71	=>71
Sat 13-Jul-19																
00:00	7	-	44.6	10.6	0	0	1	0	1	2	1	1	1	0	0	0
01:00	2	-	43.5	7.1	0	0	0	0	1	0	1	0	0	0	0	0
02:00	2	-	41	3.5	0	0	0	0	1	1	0	0	0	0	0	0
03:00	3	-	45.2	5.9	0	0	0	0	1	0	2	0	0	0	0	0
04:00	2	-	46	3.5	0	0	0	0	0	1	1	0	0	0	0	0
05:00	6	-	46	7	0	0	0	0	2	1	1	2	0	0	0	0
06:00	11	49.6	42.8	10.1	0	1	0	0	2	3	4	1	0	0	0	0
07:00	30	52.7	43	9.6	0	1	1	2	7	12	1	3	2	1	0	0
08:00	30	52.7	47.5	6.6	0	0	0	1	1	12	10	3	1	2	0	0
09:00	52	48.8	40	8.5	0	1	5	10	11	10	12	3	0	0	0	0
10:00	59	46.5	41	7.6	0	1	3	6	18	21	6	3	0	1	0	0
11:00	86	45.5	37.2	9.7	0	1	23	14	20	15	4	6	3	0	0	0
12:00	78	50.6	42.1	8.3	0	1	4	11	19	18	14	9	2	0	0	0
13:00	75	48.9	40.9	7.7	0	0	3	17	24	14	9	5	2	1	0	0
14:00	76	48.2	40.5	7.7	0	0	7	12	21	21	7	7	1	0	0	0
15:00	85	49.9	40.6	9.7	0	0	13	14	17	20	10	5	3	3	0	0
16:00	77	53.5	45.1	7.8	0	0	1	8	12	27	10	14	2	3	0	0
17:00	64	50.9	44.2	9.3	0	1	1	7	13	19	13	4	3	1	1	1
18:00	41	53	45.2	9.9	0	1	1	2	7	13	8	6	0	2	0	1
19:00	35	52.3	45.2	7.3	0	0	0	2	9	10	8	1	5	0	0	0
20:00	24	53.9	45.4	11.4	0	2	0	1	3	3	8	5	1	1	0	0
21:00	14	49	44.2	4.9	0	0	0	0	4	5	4	1	0	0	0	0
22:00	16	48.8	43.3	7.3	0	0	1	0	4	7	2	1	1	0	0	0
23:00	5	-	48.5	7.2	0	0	0	0	1	0	3	0	1	0	0	0
12H,7-19	753	50.5	41.8	9	0	7	62	104	170	202	104	68	19	14	1	2
16H,6-22	837	50.7	42.1	9	0	10	62	107	188	223	128	76	25	15	1	2
18H,6-24	858	50.7	42.1	8.9	0	10	63	107	193	230	133	77	27	15	1	2
24H,0-24	880	50.8	42.2	8.9	0	10	64	107	199	235	139	80	28	15	1	2

24409			WILLINGTON				Site No: 24409002			Location	Site 2, Barford Road, Willington (Post)					
Tue 09-Jul-19 to Mon 15-Jul-19							Channel: Eastbound									
Time Period	Total Vehicles	85%ile Speed	Mean Speed	Stand Dev.	<11Mph	11-<21	21-<31	31-<36	36-<41	41-<46	46-<51	51-<56	56-<61	61-<66	66-<71	=>71
Sun 14-Jul-19																
00:00	8	-	44.1	4.4	0	0	0	0	2	3	3	0	0	0	0	0
01:00	1	-	48.5	-	0	0	0	0	0	0	1	0	0	0	0	0
02:00	2	-	43.5	1.8	0	0	0	0	0	2	0	0	0	0	0	0
03:00	2	-	46	3.5	0	0	0	0	0	1	1	0	0	0	0	0
04:00	4	-	39.1	11.3	0	0	1	0	2	0	0	1	0	0	0	0
05:00	4	-	54.8	16.5	0	0	0	0	1	1	0	0	0	1	0	1
06:00	4	-	41	9.6	0	0	0	2	0	1	0	1	0	0	0	0
07:00	14	49.5	42.8	7.4	0	0	0	2	5	3	2	1	1	0	0	0
08:00	10	51	44.5	6.7	0	0	0	1	2	3	2	2	0	0	0	0
09:00	31	49.6	40.1	12.2	0	3	1	6	6	7	4	2	1	0	0	1
10:00	38	50.3	43.2	7.9	0	0	1	4	12	8	8	4	0	0	1	0
11:00	70	46.7	39.7	8.4	0	2	1	20	20	15	7	4	0	0	0	1
12:00	68	48.2	39.3	8.8	0	3	4	12	23	11	10	4	1	0	0	0
13:00	70	49.9	42.1	10.4	0	2	4	11	15	16	14	3	2	0	2	1
14:00	70	51	42.6	10	0	2	3	9	14	23	8	5	3	2	0	1
15:00	75	52.6	42.6	11.2	1	1	2	14	20	15	9	4	4	2	1	2
16:00	81	49.3	42.5	7.8	0	1	0	10	27	21	14	5	1	1	0	1
17:00	45	55.1	47.2	8.7	0	0	1	3	5	11	12	7	4	0	2	0
18:00	25	55.7	45.4	9.9	0	1	0	3	1	9	4	3	4	0	0	0
19:00	24	52.9	46	7.5	0	0	0	4	2	3	9	5	1	0	0	0
20:00	19	57.6	46.5	12	0	1	0	2	1	6	3	2	2	1	1	0
21:00	16	51.5	42.3	12.6	0	0	2	2	6	2	1	1	0	1	0	1
22:00	14	56.7	51.4	5.3	0	0	0	0	0	2	5	4	3	0	0	0
23:00	3	-	46.8	3.1	0	0	0	0	0	1	2	0	0	0	0	0
12H,7-19	597	50.6	42.2	9.6	1	15	17	95	150	142	94	44	21	5	6	7
16H,6-22	660	51	42.5	9.7	1	16	19	105	159	154	107	53	24	7	7	8
18H,6-24	677	51.3	42.7	9.7	1	16	19	105	159	157	114	57	27	7	7	8
24H,0-24	698	51.3	42.8	9.7	1	16	20	105	164	164	119	58	27	8	7	9

24409			WILLINGTON				Site No: 24409002			Location	Site 2, Barford Road, Willington (Post)					
Tue 09-Jul-19 to Mon 15-Jul-19							Channel: Eastbound									
Time Period	Total Vehicles	85%ile Speed	Mean Speed	Stand Dev.	<11Mph	11-<21	21-<31	31-<36	36-<41	41-<46	46-<51	51-<56	56-<61	61-<66	66-<71	=>71
Mon 15-Jul-19																
00:00	1	-	48.5	-	0	0	0	0	0	0	1	0	0	0	0	0
01:00	4	-	52.3	8.5	0	0	0	0	0	1	1	1	0	1	0	0
02:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
03:00	2	-	48.5	1.8	0	0	0	0	0	0	2	0	0	0	0	0
04:00	6	-	46	7	0	0	0	0	1	3	1	0	1	0	0	0
05:00	12	52.8	42.7	13.6	0	1	1	1	1	4	1	2	0	0	1	0
06:00	30	51	46	6	0	0	0	1	4	11	9	3	2	0	0	0
07:00	113	54.1	46.4	8	0	1	1	4	18	34	24	22	5	2	2	0
08:00	89	50.4	43.8	7	0	0	3	1	32	19	23	7	3	1	0	0
09:00	66	46.9	40	7.6	0	1	5	9	21	18	9	2	1	0	0	0
10:00	52	48.3	40.6	8.7	0	0	5	11	11	13	8	2	1	0	1	0
11:00	68	45	38	8.3	0	3	6	13	21	18	6	0	0	1	0	0
12:00	83	45	39.7	7.4	0	1	5	13	28	29	4	2	0	0	0	1
13:00	76	48.4	39.8	7.5	0	0	6	17	26	8	15	3	1	0	0	0
14:00	69	47.9	40.3	7.4	0	1	2	16	19	16	11	3	1	0	0	0
15:00	115	50.1	42.7	8.2	0	1	2	17	29	35	16	9	3	2	0	1
16:00	127	51.6	44.3	8.4	0	1	2	12	25	43	23	13	2	4	1	1
17:00	125	53.7	44.9	9.2	0	4	3	5	21	36	27	18	9	1	1	0
18:00	64	55	47.1	9.8	0	1	2	3	8	14	13	16	5	0	0	2
19:00	48	50.3	43.6	8.1	0	1	0	5	12	12	12	3	2	1	0	0
20:00	11	50.3	40.1	15.1	1	1	0	0	2	3	2	1	1	0	0	0
21:00	20	58.5	49	11.8	0	0	0	2	4	3	3	4	1	1	0	2
22:00	8	-	43.5	14.7	0	0	2	0	1	3	0	0	1	0	1	0
23:00	4	-	46	6.5	0	0	0	0	1	1	1	1	0	0	0	0
12H,7-19	1047	50.8	42.7	8.6	0	14	42	121	259	283	179	97	31	11	5	5
16H,6-22	1156	50.9	42.9	8.7	1	16	42	129	281	312	205	108	37	13	5	7
18H,6-24	1168	50.9	43	8.7	1	16	44	129	283	316	206	109	38	13	6	7
24H,0-24	1193	51	43	8.8	1	17	45	130	285	324	212	112	39	14	7	7

24409		WILLINGTON					Site No: 24409002			Location	Site 2, Barford Road, Willington (Post)					
Tue 09-Jul-19 to Mon 15-Jul-19							Channel: Eastbound									
Time Period	Total Vehicles	85%ile Speed	Mean Speed	Stand Dev.	<11Mph	11-<21	21-<31	31-<36	36-<41	41-<46	46-<51	51-<56	56-<61	61-<66	66-<71	=>71
Daily Totals																
Tue 09-Jul-19	**1236**	51.6	43.2	8.7	0	9	56	132	313	320	208	109	50	26	10	3
Wed 10-Jul-19	**1187**	53	43.9	9.1	5	7	37	148	253	273	233	134	58	26	8	5
Thu 11-Jul-19	**1284**	50.8	42.9	8.7	0	13	61	147	298	335	245	112	48	12	7	6
Fri 12-Jul-19	**1375**	51.6	43.5	8.5	0	14	42	153	319	365	258	135	55	24	7	3
Sat 13-Jul-19	**880**	50.8	42.2	8.9	0	10	64	107	199	235	139	80	28	15	1	2
Sun 14-Jul-19	**698**	51.3	42.8	9.7	1	16	20	105	164	164	119	58	27	8	7	9
Mon 15-Jul-19	**1193**	51	43	8.8	1	17	45	130	285	324	212	112	39	14	7	7
Total Vehicles																
[--]	**7853**	51.4	43.1	8.9	7	86	325	922	1831	2016	1414	740	305	125	47	35

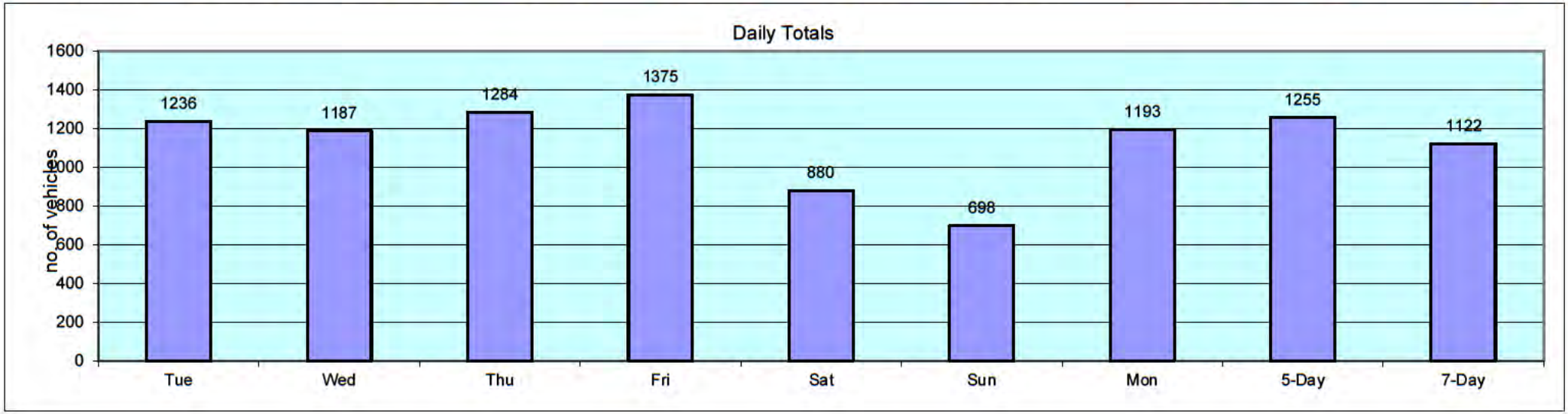




24409		WILLINGTON		Site No: 24409002 Channel: Eastbound		Location	Site 2, Barford Road, Willington (Post)		
TIME PERIOD	Tue 09/07/19	Wed 10/07/19	Thu 11/07/19	Fri 12/07/19	Sat 13/07/19	Sun 14/07/19	Mon 15/07/19	5-Day Av	7-Day Av
Week Begin: 09-Jul-19									
00:00	5	2	2	3	7	8	1	3	4
01:00	1	1	4	0	2	1	4	2	2
02:00	0	1	0	1	2	2	0	0	1
03:00	2	2	4	2	3	2	2	2	2
04:00	6	3	6	4	2	4	6	5	4
05:00	7	8	11	9	6	4	12	9	8
06:00	31	43	38	44	11	4	30	37	29
07:00	105	105	107	100	30	14	113	106	82
08:00	74	75	75	78	30	10	89	78	62
09:00	70	57	54	87	52	31	66	67	60
10:00	75	61	58	66	59	38	52	62	58
11:00	72	67	71	75	86	70	68	71	73
12:00	69	61	81	91	78	68	83	77	76
13:00	90	90	74	103	75	70	76	87	83
14:00	93	83	90	102	76	70	69	87	83
15:00	116	108	122	151	85	75	115	122	110
16:00	128	129	128	153	77	81	127	133	118
17:00	133	123	170	115	64	45	125	133	111
18:00	68	69	84	66	41	25	64	70	60
19:00	29	39	49	51	35	24	48	43	39
20:00	22	28	25	28	24	19	11	23	22
21:00	15	15	23	22	14	16	20	19	18
22:00	14	10	6	14	16	14	8	10	12
23:00	11	7	2	10	5	3	4	7	6
12H,7-19	1093	1028	1114	1187	753	597	1047	1094	974
16H,6-22	1190	1153	1249	1332	837	660	1156	1216	1082
18H,6-24	1215	1170	1257	1356	858	677	1168	1233	1100
24H,0-24	1236	1187	1284	1375	880	698	1193	1255	1122
Am	07:00	07:00	07:00	07:00	11:00	11:00	07:00	-	-
Peak	105	105	107	100	86	70	113	106	98
Pm	17:00	16:00	17:00	16:00	15:00	16:00	16:00	-	-
Peak	133	129	170	153	85	81	127	142	125

24409	WILLINGTON	Site No: 24409002	Location	Site 2, Barford Road, Willington (Post)
		Channel: Eastbound		

TIME PERIOD	Tue 09/07/19	Wed 10/07/19	Thu 11/07/19	Fri 12/07/19	Sat 13/07/19	Sun 14/07/19	Mon 15/07/19	5-Day Av	7-Day Av



24409		WILLINGTON			Site No: 24409002		Location	Site 2, Barford Road, Willington (Post)			
Tue 09-Jul-19 to Mon 15-Jul-19					Channel: Westbound						
TIME PERIOD	**TOTAL VEHICLES**	**MOTOR-CYCLES**	**MOTOR-CYCLES%**	**CARS**	**CARS %**	**LGV**	**LGV %**	**HGV**	**HGV %**	**BUS**	**BUS %**
Tue 09-Jul-19											
00:00	0	0	-	0	-	0	-	0	-	0	-
01:00	19	0	0.0	19	100.0	0	0.0	0	0.0	0	0.0
02:00	0	0	-	0	-	0	-	0	-	0	-
03:00	1	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0
04:00	1	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0
05:00	4	0	0.0	3	75.0	1	25.0	0	0.0	0	0.0
06:00	19	1	5.3	17	89.5	0	0.0	1	5.3	0	0.0
07:00	70	3	4.3	44	62.9	6	8.6	17	24.3	0	0.0
08:00	91	1	1.1	74	81.3	10	11.0	6	6.6	0	0.0
09:00	76	1	1.3	63	82.9	11	14.5	1	1.3	0	0.0
10:00	64	0	0.0	52	81.3	10	15.6	2	3.1	0	0.0
11:00	60	1	1.7	43	71.7	10	16.7	5	8.3	1	1.7
12:00	76	3	4.0	66	86.8	4	5.3	2	2.6	1	1.3
13:00	73	1	1.4	58	79.5	9	12.3	5	6.9	0	0.0
14:00	53	0	0.0	34	64.2	9	17.0	9	17.0	1	1.9
15:00	89	1	1.1	71	79.8	9	10.1	8	9.0	0	0.0
16:00	94	2	2.1	83	88.3	8	8.5	1	1.1	0	0.0
17:00	69	0	0.0	61	88.4	6	8.7	2	2.9	0	0.0
18:00	58	2	3.5	51	87.9	5	8.6	0	0.0	0	0.0
19:00	30	2	6.7	24	80.0	4	13.3	0	0.0	0	0.0
20:00	22	4	18.2	18	81.8	0	0.0	0	0.0	0	0.0
21:00	14	0	0.0	12	85.7	1	7.1	1	7.1	0	0.0
22:00	10	0	0.0	9	90.0	1	10.0	0	0.0	0	0.0
23:00	3	0	0.0	3	100.0	0	0.0	0	0.0	0	0.0
12H,7-19	873	15	1.7	700	80.2	97	11.1	58	6.6	3	0.3
16H,6-22	958	22	2.3	771	80.5	102	10.7	60	6.3	3	0.3
18H,6-24	971	22	2.3	783	80.6	103	10.6	60	6.2	3	0.3
24H,0-24	996	22	2.2	807	81.0	104	10.4	60	6.0	3	0.3

24409		WILLINGTON			Site No: 24409002		Location	Site 2, Barford Road, Willington (Post)			
Tue 09-Jul-19 to Mon 15-Jul-19					Channel: Westbound						
TIME PERIOD	**TOTAL VEHICLES**	**MOTOR-CYCLES**	**MOTOR-CYCLES%**	**CARS**	**CARS %**	**LGV**	**LGV %**	**HGV**	**HGV %**	**BUS**	**BUS %**
Wed 10-Jul-19											
00:00	3	0	0.0	2	66.7	1	33.3	0	0.0	0	0.0
01:00	22	0	0.0	22	100.0	0	0.0	0	0.0	0	0.0
02:00	0	0	-	0	-	0	-	0	-	0	-
03:00	6	0	0.0	6	100.0	0	0.0	0	0.0	0	0.0
04:00	3	0	0.0	1	33.3	1	33.3	1	33.3	0	0.0
05:00	5	0	0.0	4	80.0	1	20.0	0	0.0	0	0.0
06:00	23	2	8.7	20	87.0	1	4.4	0	0.0	0	0.0
07:00	61	0	0.0	42	68.9	3	4.9	15	24.6	1	1.6
08:00	81	2	2.5	68	84.0	6	7.4	5	6.2	0	0.0
09:00	77	1	1.3	67	87.0	8	10.4	1	1.3	0	0.0
10:00	62	0	0.0	52	83.9	5	8.1	5	8.1	0	0.0
11:00	63	1	1.6	48	76.2	10	15.9	3	4.8	1	1.6
12:00	65	1	1.5	51	78.5	9	13.9	4	6.2	0	0.0
13:00	52	1	1.9	41	78.9	7	13.5	3	5.8	0	0.0
14:00	63	1	1.6	45	71.4	7	11.1	9	14.3	1	1.6
15:00	75	1	1.3	60	80.0	8	10.7	6	8.0	0	0.0
16:00	91	2	2.2	80	87.9	9	9.9	0	0.0	0	0.0
17:00	71	2	2.8	62	87.3	5	7.0	2	2.8	0	0.0
18:00	55	0	0.0	44	80.0	10	18.2	1	1.8	0	0.0
19:00	22	0	0.0	21	95.5	1	4.6	0	0.0	0	0.0
20:00	36	6	16.7	27	75.0	3	8.3	0	0.0	0	0.0
21:00	10	0	0.0	9	90.0	1	10.0	0	0.0	0	0.0
22:00	5	0	0.0	5	100.0	0	0.0	0	0.0	0	0.0
23:00	4	0	0.0	4	100.0	0	0.0	0	0.0	0	0.0
12H,7-19	816	12	1.5	660	80.9	87	10.7	54	6.6	3	0.4
16H,6-22	907	20	2.2	737	81.3	93	10.3	54	6.0	3	0.3
18H,6-24	916	20	2.2	746	81.4	93	10.2	54	5.9	3	0.3
24H,0-24	955	20	2.1	781	81.8	96	10.1	55	5.8	3	0.3

24409		WILLINGTON			Site No: 24409002		Location	Site 2, Barford Road, Willington (Post)			
Tue 09-Jul-19 to Mon 15-Jul-19					Channel: Westbound						
TIME PERIOD	**TOTAL VEHICLES**	**MOTOR-CYCLES**	**MOTOR-CYCLES%**	**CARS**	**CARS %**	**LGV**	**LGV %**	**HGV**	**HGV %**	**BUS**	**BUS %**
Thu 11-Jul-19											
00:00	7	0	0.0	7	100.0	0	0.0	0	0.0	0	0.0
01:00	24	0	0.0	24	100.0	0	0.0	0	0.0	0	0.0
02:00	3	0	0.0	3	100.0	0	0.0	0	0.0	0	0.0
03:00	2	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0
04:00	5	1	20.0	3	60.0	0	0.0	1	20.0	0	0.0
05:00	8	2	25.0	2	25.0	3	37.5	1	12.5	0	0.0
06:00	23	1	4.4	16	69.6	2	8.7	4	17.4	0	0.0
07:00	67	1	1.5	46	68.7	3	4.5	15	22.4	2	3.0
08:00	77	2	2.6	68	88.3	4	5.2	3	3.9	0	0.0
09:00	84	0	0.0	78	92.9	4	4.8	2	2.4	0	0.0
10:00	67	1	1.5	55	82.1	8	11.9	3	4.5	0	0.0
11:00	73	0	0.0	60	82.2	9	12.3	3	4.1	1	1.4
12:00	71	2	2.8	61	85.9	6	8.5	1	1.4	1	1.4
13:00	58	0	0.0	54	93.1	2	3.5	2	3.5	0	0.0
14:00	77	0	0.0	57	74.0	6	7.8	14	18.2	0	0.0
15:00	95	2	2.1	73	76.8	11	11.6	9	9.5	0	0.0
16:00	89	0	0.0	82	92.1	6	6.7	1	1.1	0	0.0
17:00	89	8	9.0	76	85.4	2	2.3	3	3.4	0	0.0
18:00	54	0	0.0	47	87.0	7	13.0	0	0.0	0	0.0
19:00	37	2	5.4	32	86.5	3	8.1	0	0.0	0	0.0
20:00	29	0	0.0	28	96.6	1	3.5	0	0.0	0	0.0
21:00	12	1	8.3	10	83.3	1	8.3	0	0.0	0	0.0
22:00	6	0	0.0	5	83.3	1	16.7	0	0.0	0	0.0
23:00	5	0	0.0	5	100.0	0	0.0	0	0.0	0	0.0
12H,7-19	901	16	1.8	757	84.0	68	7.6	56	6.2	4	0.4
16H,6-22	1002	20	2.0	843	84.1	75	7.5	60	6.0	4	0.4
18H,6-24	1013	20	2.0	853	84.2	76	7.5	60	5.9	4	0.4
24H,0-24	1062	23	2.2	894	84.2	79	7.4	62	5.8	4	0.4

24409		WILLINGTON			Site No: 24409002		Location	Site 2, Barford Road, Willington (Post)			
Tue 09-Jul-19 to Mon 15-Jul-19					Channel: Westbound						
TIME PERIOD	**TOTAL VEHICLES**	**MOTOR-CYCLES**	**MOTOR-CYCLES%**	**CARS**	**CARS %**	**LGV**	**LGV %**	**HGV**	**HGV %**	**BUS**	**BUS %**
Fri 12-Jul-19											
00:00	1	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0
01:00	22	0	0.0	22	100.0	0	0.0	0	0.0	0	0.0
02:00	0	0	-	0	-	0	-	0	-	0	-
03:00	4	1	25.0	2	50.0	0	0.0	1	25.0	0	0.0
04:00	2	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0
05:00	6	1	16.7	4	66.7	1	16.7	0	0.0	0	0.0
06:00	31	1	3.2	27	87.1	1	3.2	1	3.2	1	3.2
07:00	68	2	2.9	42	61.8	6	8.8	17	25.0	1	1.5
08:00	77	1	1.3	66	85.7	5	6.5	5	6.5	0	0.0
09:00	74	2	2.7	62	83.8	9	12.2	1	1.4	0	0.0
10:00	80	0	0.0	68	85.0	9	11.3	3	3.8	0	0.0
11:00	57	1	1.8	48	84.2	5	8.8	3	5.3	0	0.0
12:00	60	0	0.0	49	81.7	7	11.7	4	6.7	0	0.0
13:00	68	1	1.5	58	85.3	5	7.4	4	5.9	0	0.0
14:00	88	2	2.3	68	77.3	3	3.4	14	15.9	1	1.1
15:00	82	1	1.2	70	85.4	6	7.3	5	6.1	0	0.0
16:00	102	1	1.0	94	92.2	6	5.9	1	1.0	0	0.0
17:00	60	2	3.3	55	91.7	2	3.3	1	1.7	0	0.0
18:00	47	1	2.1	43	91.5	2	4.3	1	2.1	0	0.0
19:00	38	2	5.3	34	89.5	2	5.3	0	0.0	0	0.0
20:00	22	2	9.1	19	86.4	1	4.6	0	0.0	0	0.0
21:00	16	0	0.0	16	100.0	0	0.0	0	0.0	0	0.0
22:00	8	0	0.0	7	87.5	1	12.5	0	0.0	0	0.0
23:00	5	0	0.0	5	100.0	0	0.0	0	0.0	0	0.0
12H,7-19	863	14	1.6	723	83.8	65	7.5	59	6.8	2	0.2
16H,6-22	970	19	2.0	819	84.4	69	7.1	60	6.2	3	0.3
18H,6-24	983	19	1.9	831	84.5	70	7.1	60	6.1	3	0.3
24H,0-24	1018	21	2.1	862	84.7	71	7.0	61	6.0	3	0.3

24409		WILLINGTON			Site No: 24409002		Location	Site 2, Barford Road, Willington (Post)			
Tue 09-Jul-19 to Mon 15-Jul-19					Channel: Westbound						
TIME PERIOD	**TOTAL VEHICLES**	**MOTOR-CYCLES**	**MOTOR-CYCLES%**	**CARS**	**CARS %**	**LGV**	**LGV %**	**HGV**	**HGV %**	**BUS**	**BUS %**
Sat 13-Jul-19											
00:00	3	0	0.0	2	66.7	1	33.3	0	0.0	0	0.0
01:00	17	0	0.0	17	100.0	0	0.0	0	0.0	0	0.0
02:00	2	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0
03:00	2	0	0.0	1	50.0	1	50.0	0	0.0	0	0.0
04:00	4	1	25.0	3	75.0	0	0.0	0	0.0	0	0.0
05:00	2	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0
06:00	7	0	0.0	6	85.7	1	14.3	0	0.0	0	0.0
07:00	21	0	0.0	18	85.7	3	14.3	0	0.0	0	0.0
08:00	32	1	3.1	25	78.1	5	15.6	1	3.1	0	0.0
09:00	48	3	6.3	40	83.3	5	10.4	0	0.0	0	0.0
10:00	53	1	1.9	46	86.8	4	7.6	2	3.8	0	0.0
11:00	74	4	5.4	65	87.8	4	5.4	1	1.4	0	0.0
12:00	89	3	3.4	79	88.8	5	5.6	2	2.3	0	0.0
13:00	66	0	0.0	61	92.4	4	6.1	1	1.5	0	0.0
14:00	56	1	1.8	52	92.9	3	5.4	0	0.0	0	0.0
15:00	63	4	6.4	55	87.3	3	4.8	1	1.6	0	0.0
16:00	67	1	1.5	64	95.5	2	3.0	0	0.0	0	0.0
17:00	48	1	2.1	45	93.8	2	4.2	0	0.0	0	0.0
18:00	38	1	2.6	35	92.1	2	5.3	0	0.0	0	0.0
19:00	17	1	5.9	16	94.1	0	0.0	0	0.0	0	0.0
20:00	23	0	0.0	22	95.7	1	4.4	0	0.0	0	0.0
21:00	11	0	0.0	11	100.0	0	0.0	0	0.0	0	0.0
22:00	12	0	0.0	12	100.0	0	0.0	0	0.0	0	0.0
23:00	5	0	0.0	4	80.0	1	20.0	0	0.0	0	0.0
12H,7-19	655	20	3.1	585	89.3	42	6.4	8	1.2	0	0.0
16H,6-22	713	21	3.0	640	89.8	44	6.2	8	1.1	0	0.0
18H,6-24	730	21	2.9	656	89.9	45	6.2	8	1.1	0	0.0
24H,0-24	760	22	2.9	683	89.9	47	6.2	8	1.1	0	0.0

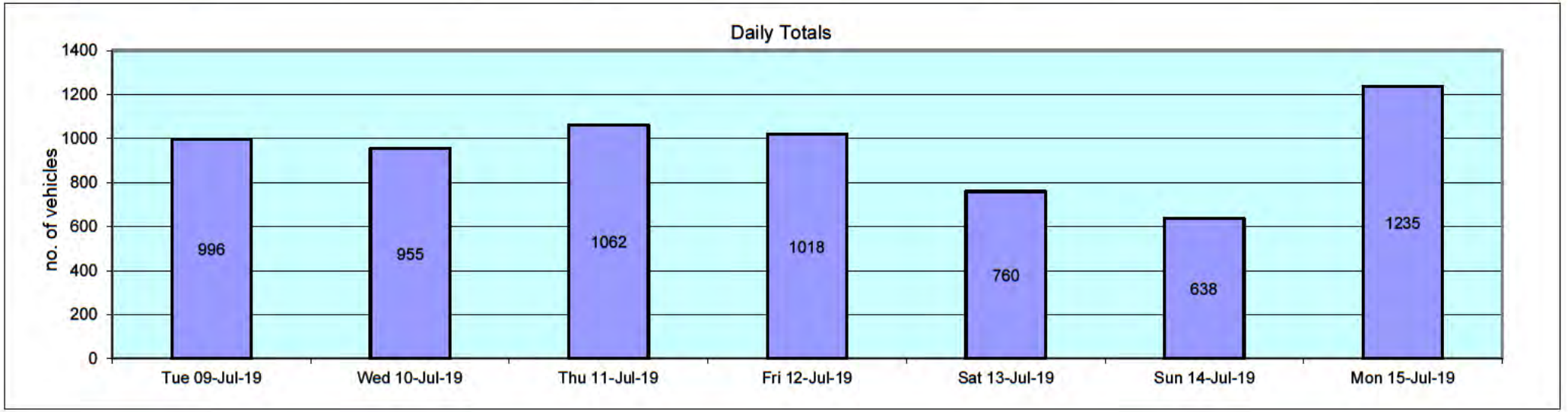
24409		WILLINGTON			Site No: 24409002		Location	Site 2, Barford Road, Willington (Post)			
Tue 09-Jul-19 to Mon 15-Jul-19					Channel: Westbound						
TIME PERIOD	**TOTAL VEHICLES**	**MOTOR-CYCLES**	**MOTOR-CYCLES%**	**CARS**	**CARS %**	**LGV**	**LGV %**	**HGV**	**HGV %**	**BUS**	**BUS %**
Sun 14-Jul-19											
00:00	19	0	0.0	19	100.0	0	0.0	0	0.0	0	0.0
01:00	1	0	0.0	0	0.0	1	100.0	0	0.0	0	0.0
02:00	4	0	0.0	2	50.0	2	50.0	0	0.0	0	0.0
03:00	1	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0
04:00	1	1	100.0	0	0.0	0	0.0	0	0.0	0	0.0
05:00	2	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0
06:00	4	0	0.0	3	75.0	1	25.0	0	0.0	0	0.0
07:00	8	0	0.0	8	100.0	0	0.0	0	0.0	0	0.0
08:00	16	1	6.3	15	93.8	0	0.0	0	0.0	0	0.0
09:00	33	2	6.1	29	87.9	1	3.0	1	3.0	0	0.0
10:00	52	2	3.9	46	88.5	4	7.7	0	0.0	0	0.0
11:00	69	5	7.3	61	88.4	3	4.4	0	0.0	0	0.0
12:00	74	8	10.8	60	81.1	3	4.1	3	4.1	0	0.0
13:00	82	2	2.4	74	90.2	4	4.9	2	2.4	0	0.0
14:00	64	0	0.0	62	96.9	2	3.1	0	0.0	0	0.0
15:00	46	3	6.5	39	84.8	3	6.5	0	0.0	1	2.2
16:00	43	3	7.0	39	90.7	1	2.3	0	0.0	0	0.0
17:00	40	3	7.5	36	90.0	1	2.5	0	0.0	0	0.0
18:00	24	0	0.0	23	95.8	1	4.2	0	0.0	0	0.0
19:00	21	1	4.8	19	90.5	1	4.8	0	0.0	0	0.0
20:00	16	0	0.0	16	100.0	0	0.0	0	0.0	0	0.0
21:00	10	0	0.0	9	90.0	1	10.0	0	0.0	0	0.0
22:00	5	0	0.0	5	100.0	0	0.0	0	0.0	0	0.0
23:00	3	0	0.0	3	100.0	0	0.0	0	0.0	0	0.0
12H,7-19	551	29	5.3	492	89.3	23	4.2	6	1.1	1	0.2
16H,6-22	602	30	5.0	539	89.5	26	4.3	6	1.0	1	0.2
18H,6-24	610	30	4.9	547	89.7	26	4.3	6	1.0	1	0.2
24H,0-24	638	31	4.9	571	89.5	29	4.6	6	0.9	1	0.2

24409	WILLINGTON	Site No: 24409002	Location	Site 2, Barford Road, Willington (Post)
Tue 09-Jul-19 to Mon 15-Jul-19		Channel: Westbound		

TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	MOTOR-CYCLES%	CARS	CARS %	LGV	LGV %	HGV	HGV %	BUS	BUS %
Mon 15-Jul-19											
00:00	1	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0
01:00	18	0	0.0	18	100.0	0	0.0	0	0.0	0	0.0
02:00	2	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0
03:00	1	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0
04:00	3	0	0.0	2	66.7	0	0.0	1	33.3	0	0.0
05:00	11	2	18.2	6	54.6	2	18.2	1	9.1	0	0.0
06:00	73	3	4.1	61	83.6	7	9.6	2	2.7	0	0.0
07:00	273	1	0.4	242	88.6	26	9.5	4	1.5	0	0.0
08:00	72	1	1.4	57	79.2	9	12.5	5	6.9	0	0.0
09:00	83	2	2.4	70	84.3	6	7.2	5	6.0	0	0.0
10:00	65	0	0.0	44	67.7	12	18.5	9	13.9	0	0.0
11:00	77	1	1.3	61	79.2	11	14.3	4	5.2	0	0.0
12:00	63	0	0.0	55	87.3	5	7.9	3	4.8	0	0.0
13:00	60	1	1.7	54	90.0	5	8.3	0	0.0	0	0.0
14:00	67	0	0.0	43	64.2	9	13.4	13	19.4	2	3.0
15:00	82	1	1.2	72	87.8	4	4.9	5	6.1	0	0.0
16:00	96	2	2.1	85	88.5	8	8.3	1	1.0	0	0.0
17:00	73	1	1.4	62	84.9	8	11.0	2	2.7	0	0.0
18:00	49	0	0.0	43	87.8	5	10.2	1	2.0	0	0.0
19:00	34	5	14.7	24	70.6	5	14.7	0	0.0	0	0.0
20:00	13	0	0.0	13	100.0	0	0.0	0	0.0	0	0.0
21:00	12	0	0.0	10	83.3	2	16.7	0	0.0	0	0.0
22:00	5	0	0.0	5	100.0	0	0.0	0	0.0	0	0.0
23:00	2	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0
12H,7-19	1060	10	0.9	888	83.8	108	10.2	52	4.9	2	0.2
16H,6-22	1192	18	1.5	996	83.6	122	10.2	54	4.5	2	0.2
18H,6-24	1199	18	1.5	1003	83.7	122	10.2	54	4.5	2	0.2
24H,0-24	1235	20	1.6	1033	83.6	124	10.0	56	4.5	2	0.2

24409	WILLINGTON	Site No: 24409002	Location	Site 2, Barford Road, Willington (Post)
Tue 09-Jul-19 to Mon 15-Jul-19		Channel: Westbound		

TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	MOTOR-CYCLES%	CARS	CARS %	LGV	LGV %	HGV	HGV %	BUS	BUS %
Daily Totals											
Tue 09-Jul-19	**996**	22	2.2	807	81.0	104	10.4	60	6.0	3	0.3
Wed 10-Jul-19	**955**	20	2.1	781	81.8	96	10.1	55	5.8	3	0.3
Thu 11-Jul-19	**1062**	23	2.2	894	84.2	79	7.4	62	5.8	4	0.4
Fri 12-Jul-19	**1018**	21	2.1	862	84.7	71	7.0	61	6.0	3	0.3
Sat 13-Jul-19	**760**	22	2.9	683	89.9	47	6.2	8	1.1	0	0.0
Sun 14-Jul-19	**638**	31	4.9	571	89.5	29	4.6	6	0.9	1	0.2
Mon 15-Jul-19	**1235**	20	1.6	1033	83.6	124	10.0	56	4.5	2	0.2
Total Vehicles											
[--]	**6664**	159	2.6	5631	85.0	550	8.0	308	4.3	16	0.2



24409			WILLINGTON				Site No: 24409002			Location	Site 2, Barford Road, Willington (Post)					
Tue 09-Jul-19 to Mon 15-Jul-19							Channel: Westbound									
Time Period	Total Vehicles	85%ile Speed	Mean Speed	Stand Dev.	<11Mph	11-<21	21-<31	31-<36	36-<41	41-<46	46-<51	51-<56	56-<61	61-<66	66-<71	=>71
Tue 09-Jul-19																
00:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
01:00	19	59.3	48.2	11.6	0	0	0	3	4	1	4	2	2	1	2	0
02:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
03:00	1	-	38.5	-	0	0	0	0	1	0	0	0	0	0	0	0
04:00	1	-	48.5	-	0	0	0	0	0	0	1	0	0	0	0	0
05:00	4	-	51	15.5	0	0	0	0	1	1	1	0	0	0	0	1
06:00	19	50.1	43.9	9.5	0	1	0	2	2	5	6	2	1	0	0	0
07:00	70	51.6	42.8	8.1	0	0	2	9	24	14	9	8	2	2	0	0
08:00	91	52.8	45	7.8	0	0	2	4	23	25	19	11	4	2	1	0
09:00	76	47.7	42.1	6.8	0	1	2	4	24	30	9	4	2	0	0	0
10:00	64	48.2	41	7.4	0	0	4	11	17	17	11	3	0	1	0	0
11:00	60	45.6	39.8	7.6	0	1	4	11	16	20	4	3	1	0	0	0
12:00	76	46.1	40	8.1	0	1	3	17	26	17	6	4	1	0	0	1
13:00	73	46.9	41.1	6.4	0	1	1	10	23	25	9	4	0	0	0	0
14:00	53	48.5	41.8	6.5	0	0	1	11	10	18	9	4	0	0	0	0
15:00	89	48.4	41.6	6.5	0	0	1	14	32	22	13	6	0	1	0	0
16:00	94	49.5	41.2	10	1	1	10	9	23	27	12	5	2	3	1	0
17:00	69	50.8	45.5	6.9	0	0	1	4	11	18	25	7	1	2	0	0
18:00	58	50.8	44.6	7.8	0	0	1	5	14	14	15	4	3	2	0	0
19:00	30	54.3	47.8	9.3	0	1	0	0	4	6	8	9	0	1	1	0
20:00	22	49	38.5	12.2	0	3	3	0	3	8	2	3	0	0	0	0
21:00	14	50	42.8	9.2	0	0	2	0	3	4	3	1	1	0	0	0
22:00	10	56	47	11.1	0	0	0	0	3	4	1	0	1	0	0	1
23:00	3	-	51.8	5.9	0	0	0	0	0	0	2	0	1	0	0	0
12H,7-19	873	49.7	42.2	7.8	1	5	32	109	243	247	141	63	16	13	2	1
16H,6-22	958	50.1	42.3	8.1	1	10	37	111	255	270	160	78	18	14	3	1
18H,6-24	971	50.1	42.4	8.2	1	10	37	111	258	274	163	78	20	14	3	2
24H,0-24	996	50.3	42.6	8.3	1	10	37	114	264	276	169	80	22	15	5	3

24409			WILLINGTON				Site No: 24409002			Location	Site 2, Barford Road, Willington (Post)					
Tue 09-Jul-19 to Mon 15-Jul-19							Channel: Westbound									
Time Period	Total Vehicles	85%ile Speed	Mean Speed	Stand Dev.	<11Mph	11-<21	21-<31	31-<36	36-<41	41-<46	46-<51	51-<56	56-<61	61-<66	66-<71	=>71
Wed 10-Jul-19																
00:00	3	-	39.3	11.8	0	0	1	0	0	1	1	0	0	0	0	0
01:00	22	54.7	48	8.3	0	0	0	0	3	8	5	3	2	0	0	1
02:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
03:00	6	-	49.3	13.2	0	0	0	0	2	1	1	1	0	0	0	1
04:00	3	-	50.2	3.1	0	0	0	0	0	0	2	1	0	0	0	0
05:00	5	-	46.5	8.4	0	0	0	1	0	1	1	2	0	0	0	0
06:00	23	54.4	46.3	11.7	0	2	0	0	2	5	6	6	1	0	1	0
07:00	61	51.3	43.7	7.7	0	0	0	10	13	18	10	6	2	2	0	0
08:00	81	50.3	42	9.2	1	1	3	10	21	23	11	7	1	3	0	0
09:00	77	47.8	41.3	7.2	0	0	5	10	20	26	11	4	0	1	0	0
10:00	62	46.3	41.1	7.3	0	0	1	10	28	13	3	3	3	1	0	0
11:00	63	45.7	40	6.4	0	0	1	19	16	18	6	2	1	0	0	0
12:00	65	45.8	40.1	8.6	2	0	3	8	20	22	5	4	1	0	0	0
13:00	52	48.3	42.7	6.8	0	0	0	7	14	20	6	3	0	2	0	0
14:00	63	44.5	37.2	7.6	0	2	5	22	15	13	4	2	0	0	0	0
15:00	75	47.9	41.3	7.5	1	0	2	15	10	31	11	5	0	0	0	0
16:00	91	49.9	42.9	7	0	0	5	7	21	25	24	9	0	0	0	0
17:00	71	52.8	47	7.6	0	0	0	1	12	23	21	8	2	2	0	2
18:00	55	51.3	44.1	8.6	0	0	3	4	10	20	9	4	2	3	0	0
19:00	22	56.3	50.3	7.6	0	0	0	1	0	6	4	7	3	0	1	0
20:00	36	50.6	44.6	7.4	0	0	0	3	10	8	10	3	0	2	0	0
21:00	10	56	45.5	8	0	0	0	0	4	2	2	0	2	0	0	0
22:00	5	-	47.5	9.7	0	0	0	0	1	2	1	0	0	1	0	0
23:00	4	-	48.5	8.2	0	0	0	0	1	0	2	0	1	0	0	0
12H,7-19	816	49.4	42	8	4	3	28	123	200	252	121	57	12	14	0	2
16H,6-22	907	50.1	42.4	8.2	4	5	28	127	216	273	143	73	18	16	2	2
18H,6-24	916	50.1	42.5	8.2	4	5	28	127	218	275	146	73	19	17	2	2
24H,0-24	955	50.4	42.7	8.3	4	5	29	128	223	286	156	80	21	17	2	4

24409			WILLINGTON				Site No: 24409002			Location	Site 2, Barford Road, Willington (Post)					
Tue 09-Jul-19 to Mon 15-Jul-19							Channel: Westbound									
Time Period	Total Vehicles	85%ile Speed	Mean Speed	Stand Dev.	<11Mph	11-<21	21-<31	31-<36	36-<41	41-<46	46-<51	51-<56	56-<61	61-<66	66-<71	=>71
Thu 11-Jul-19																
00:00	7	-	49.2	11.4	0	0	0	1	1	1	1	0	2	1	0	0
01:00	24	55.3	49.5	8.2	0	0	0	0	3	7	3	8	0	2	1	0
02:00	3	-	48.5	5	0	0	0	0	0	1	1	1	0	0	0	0
03:00	2	-	32.3	8.8	0	0	1	0	1	0	0	0	0	0	0	0
04:00	5	-	51.5	9.8	0	0	0	0	0	1	3	0	0	0	1	0
05:00	8	-	42.6	12.6	0	1	0	0	2	2	0	3	0	0	0	0
06:00	23	57.8	46.4	11.3	0	1	0	2	3	5	6	1	3	1	1	0
07:00	67	50.5	41.4	7.9	0	1	0	16	19	15	6	9	0	1	0	0
08:00	77	51	42.5	9	0	1	5	7	22	16	14	10	1	0	0	1
09:00	84	49.1	41.1	8	0	0	9	12	14	29	11	8	1	0	0	0
10:00	67	46.7	40	6.3	0	0	2	15	25	13	10	1	1	0	0	0
11:00	73	47.1	41.1	6.7	0	0	2	13	23	22	7	4	2	0	0	0
12:00	71	45.4	39.3	6.8	0	1	4	12	28	17	6	3	0	0	0	0
13:00	58	46.6	39.4	7.2	0	0	4	16	15	13	7	2	1	0	0	0
14:00	77	45.5	39.6	6.2	0	0	3	19	24	21	7	3	0	0	0	0
15:00	95	48.3	40	8	0	2	4	23	27	16	18	2	3	0	0	0
16:00	89	49.3	42.4	7	0	0	2	14	21	27	17	6	1	1	0	0
17:00	89	50.3	43	8.5	0	2	3	9	17	26	21	8	2	0	1	0
18:00	54	50.6	42.6	7.3	0	0	1	8	16	13	8	6	2	0	0	0
19:00	37	51.8	44	8	0	1	0	4	4	15	6	6	1	0	0	0
20:00	29	54.6	47.3	8.3	0	0	0	0	8	5	9	3	3	0	0	1
21:00	12	55.3	46.8	8.7	0	0	0	2	1	2	3	2	2	0	0	0
22:00	6	-	49.3	7.4	0	0	0	0	1	1	1	2	1	0	0	0
23:00	5	-	40.5	5.8	0	0	0	1	2	1	1	0	0	0	0	0
12H,7-19	901	48.9	41.1	7.6	0	7	39	164	251	228	132	62	14	2	1	1
16H,6-22	1002	49.5	41.6	7.9	0	9	39	172	267	255	156	74	23	3	2	2
18H,6-24	1013	49.6	41.6	7.9	0	9	39	173	270	257	158	76	24	3	2	2
24H,0-24	1062	50	41.9	8.1	0	10	40	174	277	269	166	88	26	6	4	2

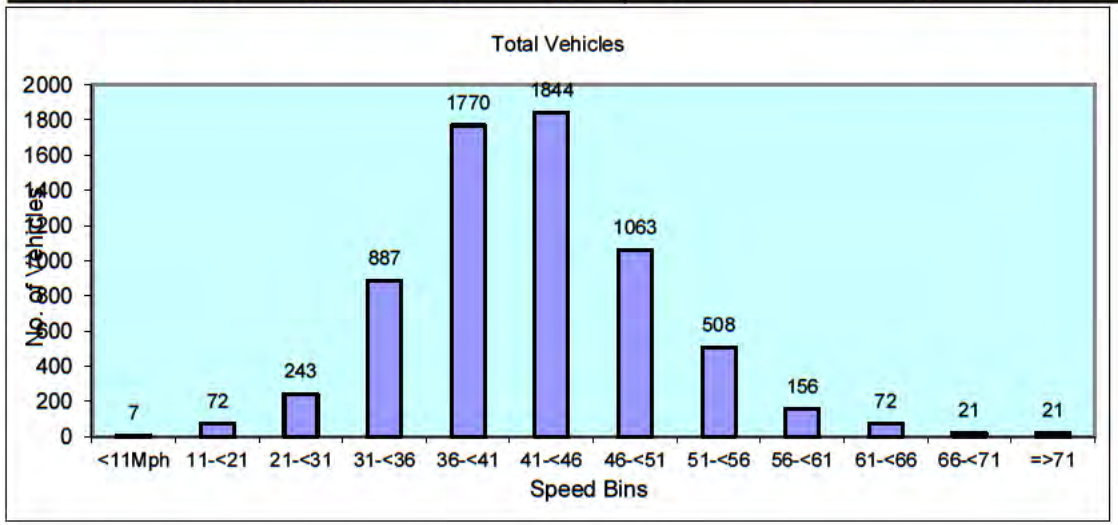
24409			WILLINGTON				Site No: 24409002			Location	Site 2, Barford Road, Willington (Post)					
Tue 09-Jul-19 to Mon 15-Jul-19							Channel: Westbound									
Time Period	Total Vehicles	85%ile Speed	Mean Speed	Stand Dev.	<11Mph	11-<21	21-<31	31-<36	36-<41	41-<46	46-<51	51-<56	56-<61	61-<66	66-<71	=>71
Fri 12-Jul-19																
00:00	1	-	26	-	0	0	1	0	0	0	0	0	0	0	0	0
01:00	22	50	47.1	8.2	0	0	0	0	1	14	4	0	1	1	0	1
02:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
03:00	4	-	49.8	4.9	0	0	0	0	0	1	1	2	0	0	0	0
04:00	2	-	51	10.6	0	0	0	0	0	1	0	0	1	0	0	0
05:00	6	-	44.8	16	0	1	0	0	0	2	1	1	0	1	0	0
06:00	31	50.8	42.1	8.2	0	1	0	3	11	8	3	4	1	0	0	0
07:00	68	47.1	38.1	10.4	0	2	14	9	20	11	6	2	1	3	0	0
08:00	77	50.1	43.5	7.3	0	0	2	9	17	19	22	5	2	1	0	0
09:00	74	47.8	41.6	7.2	1	1	0	8	20	28	12	4	0	0	0	0
10:00	80	45.7	38.5	7.7	0	0	11	18	22	17	8	3	1	0	0	0
11:00	57	45.4	39.9	7.1	0	1	4	5	22	18	5	1	1	0	0	0
12:00	60	45.6	39.5	6.4	0	0	3	13	24	11	6	3	0	0	0	0
13:00	68	47.7	42.3	5.5	0	0	0	9	16	29	10	4	0	0	0	0
14:00	88	47	40.4	7.1	0	1	1	21	28	21	11	3	1	1	0	0
15:00	82	49.7	40.5	8.8	0	2	6	11	27	18	7	8	3	0	0	0
16:00	102	49.8	43.1	6.7	0	1	1	8	28	30	24	9	1	0	0	0
17:00	60	53.3	45.8	6.7	0	0	0	5	6	24	11	10	4	0	0	0
18:00	47	52.8	45.8	7.5	0	0	1	2	8	14	12	7	1	2	0	0
19:00	38	53.3	45	8.7	0	0	1	3	9	10	6	6	1	1	1	0
20:00	22	55	48	9.1	0	0	0	2	2	5	6	4	2	0	0	1
21:00	16	56.3	45.4	8.8	0	0	0	1	5	5	1	1	2	1	0	0
22:00	8	-	45.1	13	0	0	1	1	1	1	2	1	0	0	1	0
23:00	5	-	44	13.7	0	0	1	0	1	1	1	0	0	1	0	0
12H,7-19	863	49.2	41.5	7.8	1	8	43	118	238	240	134	59	15	7	0	0
16H,6-22	970	49.7	41.8	8	1	9	44	127	265	268	150	74	21	9	1	1
18H,6-24	983	49.7	41.9	8	1	9	46	128	267	270	153	75	21	10	2	1
24H,0-24	1018	49.9	42	8.2	1	10	47	128	268	288	159	78	23	12	2	2

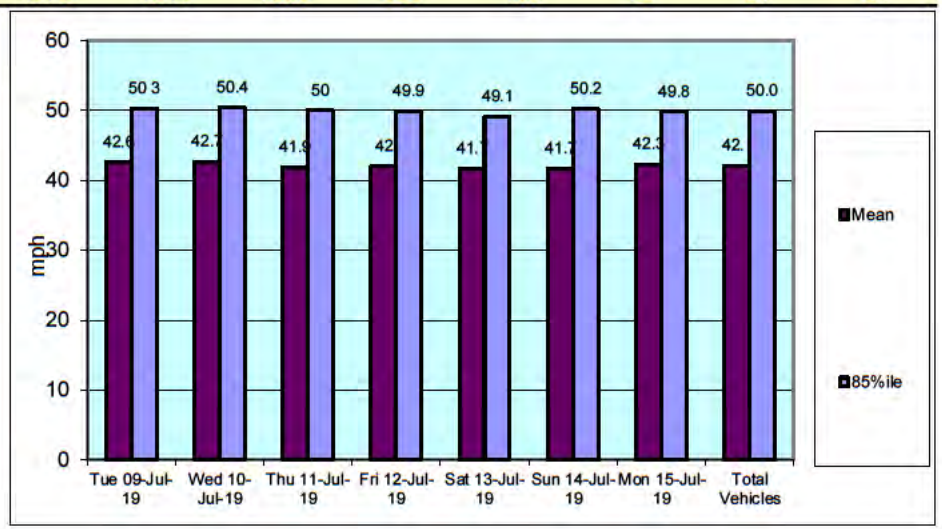
24409			WILLINGTON				Site No: 24409002			Location	Site 2, Barford Road, Willington (Post)					
Tue 09-Jul-19 to Mon 15-Jul-19							Channel: Westbound									
Time Period	Total Vehicles	85%ile Speed	Mean Speed	Stand Dev.	<11Mph	11-<21	21-<31	31-<36	36-<41	41-<46	46-<51	51-<56	56-<61	61-<66	66-<71	=>71
Sat 13-Jul-19																
00:00	3	-	46.8	5.9	0	0	0	0	0	2	0	1	0	0	0	0
01:00	17	55.9	49.1	9.1	0	0	0	0	3	4	4	3	2	0	0	1
02:00	2	-	48.5	14.1	0	0	0	0	1	0	0	0	1	0	0	0
03:00	2	-	46	3.5	0	0	0	0	0	1	1	0	0	0	0	0
04:00	4	-	53.5	4.2	0	0	0	0	0	0	1	2	1	0	0	0
05:00	2	-	61	10.6	0	0	0	0	0	0	0	1	0	0	1	0
06:00	7	-	39.6	9.2	0	0	1	1	3	0	1	1	0	0	0	0
07:00	21	50.5	44.8	8	0	0	1	1	4	5	7	2	0	1	0	0
08:00	32	50.5	43	9.7	0	2	0	3	5	10	7	3	2	0	0	0
09:00	48	45.3	37.5	9.1	0	4	3	10	12	13	5	1	0	0	0	0
10:00	53	49	40.7	8.6	0	2	3	5	16	15	6	6	0	0	0	0
11:00	74	48.5	40.5	8.2	0	2	3	15	17	20	11	5	1	0	0	0
12:00	89	46.1	41	6.9	0	1	2	16	21	35	9	4	0	1	0	0
13:00	66	45.7	39.7	7.4	0	1	5	8	25	17	7	2	1	0	0	0
14:00	56	49.8	43.1	8.3	0	1	0	8	11	21	8	4	1	1	1	0
15:00	63	46	40.2	8	0	0	8	7	14	24	8	1	0	0	1	0
16:00	67	47.9	41.7	6.8	0	1	0	7	26	18	12	1	1	1	0	0
17:00	48	49.1	43.5	5.9	0	0	0	7	6	18	15	1	1	0	0	0
18:00	38	50.5	43.1	8.2	0	1	1	4	7	9	11	5	0	0	0	0
19:00	17	50.8	40.9	9.6	0	0	2	3	4	5	0	1	2	0	0	0
20:00	23	48.6	41.9	6.9	0	0	1	3	6	7	4	2	0	0	0	0
21:00	11	45.6	42.1	4.7	0	0	0	1	3	5	2	0	0	0	0	0
22:00	12	49.5	46.4	9.7	0	0	0	0	3	5	2	1	0	0	0	1
23:00	5	-	38.5	5.2	0	0	0	2	1	2	0	0	0	0	0	0
12H,7-19	655	48.6	41.2	8	0	15	26	91	164	205	106	35	7	4	2	0
16H,6-22	713	48.6	41.2	7.9	0	15	30	99	180	222	113	39	9	4	2	0
18H,6-24	730	48.7	41.3	8	0	15	30	101	184	229	115	40	9	4	2	1
24H,0-24	760	49.1	41.7	8.2	0	15	30	101	188	236	121	47	13	4	3	2

24409			WILLINGTON				Site No: 24409002			Location	Site 2, Barford Road, Willington (Post)					
Tue 09-Jul-19 to Mon 15-Jul-19							Channel: Westbound									
Time Period	Total Vehicles	85%ile Speed	Mean Speed	Stand Dev.	<11Mph	11-<21	21-<31	31-<36	36-<41	41-<46	46-<51	51-<56	56-<61	61-<66	66-<71	=>71
Sun 14-Jul-19																
00:00	19	54.3	49.8	9.9	0	0	0	0	2	6	5	3	1	0	0	2
01:00	1	-	38.5	-	0	0	0	0	1	0	0	0	0	0	0	0
02:00	4	-	43.5	4.2	0	0	0	0	1	2	1	0	0	0	0	0
03:00	1	-	43.5	-	0	0	0	0	0	1	0	0	0	0	0	0
04:00	1	-	53.5	-	0	0	0	0	0	0	0	1	0	0	0	0
05:00	2	-	56	3.5	0	0	0	0	0	0	0	1	1	0	0	0
06:00	4	-	57.3	6.4	0	0	0	0	0	0	1	0	2	1	0	0
07:00	8	-	47.3	11	0	0	0	1	1	3	1	0	0	2	0	0
08:00	16	51.5	41.9	11	0	0	2	1	7	2	1	1	0	2	0	0
09:00	33	52.6	41.8	11.3	0	3	2	1	7	7	5	8	0	0	0	0
10:00	52	45.8	41	7.1	0	2	0	8	8	26	7	1	0	0	0	0
11:00	69	49.4	41.6	9	0	3	2	7	20	16	15	4	0	2	0	0
12:00	74	45.1	38.3	8.5	0	4	3	20	18	21	5	2	0	1	0	0
13:00	82	44.8	38.5	7.1	1	2	2	13	42	12	9	1	0	0	0	0
14:00	64	45.7	40.8	8	0	0	5	7	25	18	1	3	5	0	0	0
15:00	46	48.9	40.7	8.8	0	1	4	6	12	11	8	2	2	0	0	0
16:00	43	51.1	42.5	10.1	0	2	1	4	11	13	5	3	3	0	1	0
17:00	40	54.2	44.7	10.5	0	0	5	0	9	8	7	7	3	0	0	1
18:00	24	52.1	45.2	7.6	0	0	0	3	4	6	6	4	0	1	0	0
19:00	21	49.6	42.7	8.3	0	1	0	1	6	5	6	2	0	0	0	0
20:00	16	49.5	41.9	7.1	0	0	0	4	4	3	3	2	0	0	0	0
21:00	10	56	47	9.2	0	0	0	1	3	0	2	2	2	0	0	0
22:00	5	-	45.5	5.8	0	0	0	0	1	2	1	1	0	0	0	0
23:00	3	-	51.8	7.6	0	0	0	0	0	1	0	1	1	0	0	0
12H,7-19	551	49.3	41	9	1	17	26	71	164	143	70	36	13	8	1	1
16H,6-22	602	49.7	41.3	9	1	18	26	77	177	151	82	42	17	9	1	1
18H,6-24	610	49.9	41.4	9	1	18	26	77	178	154	83	44	18	9	1	1
24H,0-24	638	50.2	41.7	9.1	1	18	26	77	182	163	89	49	20	9	1	3

24409			WILLINGTON				Site No: 24409002			Location	Site 2, Barford Road, Willington (Post)					
Tue 09-Jul-19 to Mon 15-Jul-19							Channel: Westbound									
Time Period	Total Vehicles	85%ile Speed	Mean Speed	Stand Dev.	<11Mph	11-<21	21-<31	31-<36	36-<41	41-<46	46-<51	51-<56	56-<61	61-<66	66-<71	=>71
Mon 15-Jul-19																
00:00	1	-	68.5	-	0	0	0	0	0	0	0	0	0	0	1	0
01:00	18	54	46.3	8	0	0	0	2	4	1	6	3	2	0	0	0
02:00	2	-	41	3.5	0	0	0	0	1	1	0	0	0	0	0	0
03:00	1	-	43.5	-	0	0	0	0	0	1	0	0	0	0	0	0
04:00	3	-	56.8	10.4	0	0	0	0	0	0	1	1	0	0	1	0
05:00	11	55.6	44.2	12.2	0	1	0	0	3	3	0	2	2	0	0	0
06:00	73	51.3	43.1	7.8	0	1	2	6	21	18	13	10	2	0	0	0
07:00	273	49	42.9	5.8	0	0	0	19	93	93	45	15	7	1	0	0
08:00	72	52.7	44	8	0	0	3	8	15	17	14	11	4	0	0	0
09:00	83	49.6	42.7	8.4	0	0	1	12	31	16	14	3	2	2	1	1
10:00	65	45.8	38.5	7.7	0	0	9	15	18	13	7	2	1	0	0	0
11:00	77	43.9	38	5.9	0	1	3	22	29	17	5	0	0	0	0	0
12:00	63	47.3	40.4	6.1	0	0	2	12	22	14	12	1	0	0	0	0
13:00	60	50.3	43.2	9.1	0	0	0	13	16	12	11	3	3	0	0	2
14:00	67	44.9	39.4	8	0	0	7	8	32	12	4	1	0	3	0	0
15:00	82	46.1	39.8	6.4	0	0	2	24	23	20	10	2	1	0	0	0
16:00	96	49.4	42.9	6.9	0	1	2	8	24	29	25	6	0	1	0	0
17:00	73	50.3	43.8	6.5	0	0	0	7	16	29	11	6	4	0	0	0
18:00	49	52.2	44.6	7.2	0	0	0	5	10	16	8	9	0	0	1	0
19:00	34	53.8	46.6	8.4	0	0	2	1	4	6	12	6	2	1	0	0
20:00	13	58.8	47.9	11.9	0	0	1	0	2	3	3	2	0	1	0	1
21:00	12	52.8	47.3	9.9	0	0	0	0	3	4	2	2	0	0	0	1
22:00	5	-	36.5	4.6	0	0	0	3	1	1	0	0	0	0	0	0
23:00	2	-	56	3.5	0	0	0	0	0	0	0	1	1	0	0	0
12H,7-19	1060	49	41.9	7.2	0	2	29	153	329	288	166	59	22	7	2	3
16H,6-22	1192	49.5	42.2	7.5	0	3	34	160	359	319	196	79	26	9	2	5
18H,6-24	1199	49.5	42.2	7.5	0	3	34	163	360	320	196	80	27	9	2	5
24H,0-24	1235	49.8	42.3	7.6	0	4	34	165	368	326	203	86	31	9	4	5

24409		WILLINGTON					Site No: 24409002			Location	Site 2, Barford Road, Willington (Post)					
Tue 09-Jul-19 to Mon 15-Jul-19							Channel: Westbound									
Time Period	Total Vehicles	85%ile Speed	Mean Speed	Stand Dev.	<11Mph	11-<21	21-<31	31-<36	36-<41	41-<46	46-<51	51-<56	56-<61	61-<66	66-<71	=>71
Daily Totals																
Tue 09-Jul-19	**996**	50.3	42.6	8.3	1	10	37	114	264	276	169	80	22	15	5	3
Wed 10-Jul-19	**955**	50.4	42.7	8.3	4	5	29	128	223	286	156	80	21	17	2	4
Thu 11-Jul-19	**1062**	50	41.9	8.1	0	10	40	174	277	269	166	88	26	6	4	2
Fri 12-Jul-19	**1018**	49.9	42	8.2	1	10	47	128	268	288	159	78	23	12	2	2
Sat 13-Jul-19	**760**	49.1	41.7	8.2	0	15	30	101	188	236	121	47	13	4	3	2
Sun 14-Jul-19	**638**	50.2	41.7	9.1	1	18	26	77	182	163	89	49	20	9	1	3
Mon 15-Jul-19	**1235**	49.8	42.3	7.6	0	4	34	165	368	326	203	86	31	9	4	5
Total Vehicles																
[--]	**6664**	50.0	42.1	8.3	7	72	243	887	1770	1844	1063	508	156	72	21	21

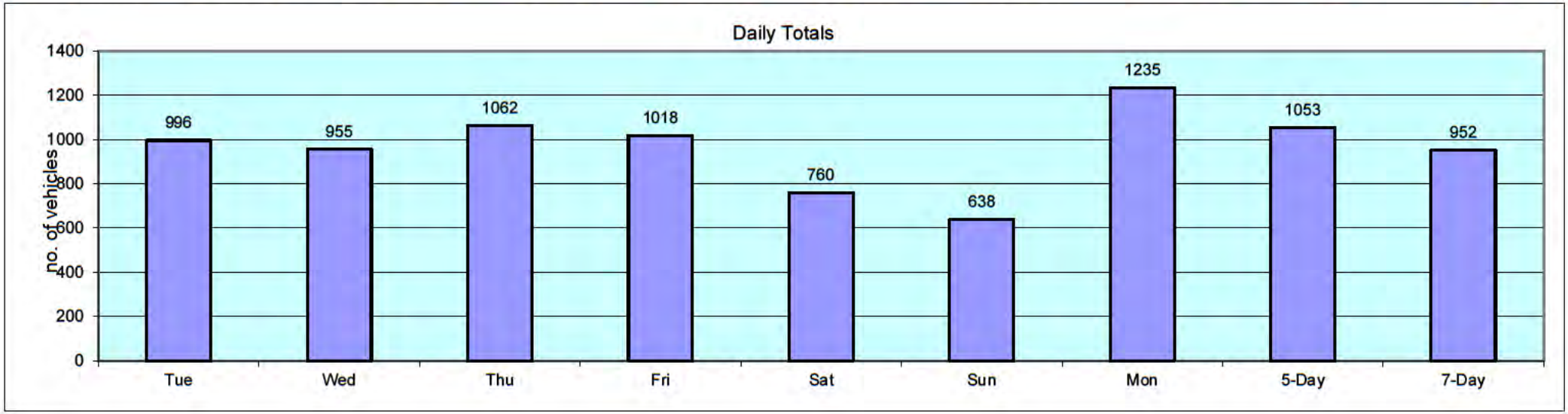


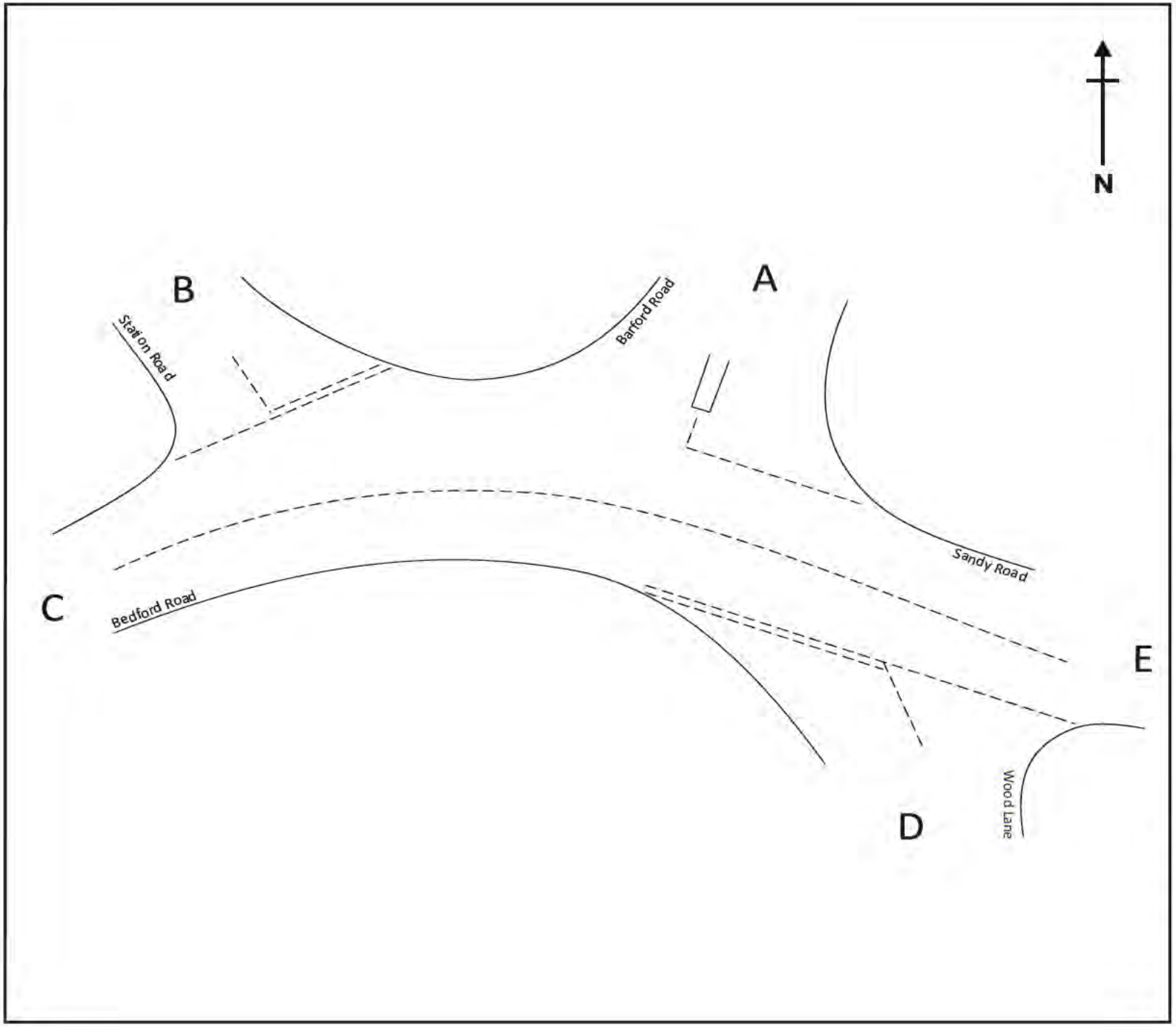


24409		WILLINGTON		Site No: 24409002 Channel: Westbound		Location	Site 2, Barford Road, Willington (Post)		
TIME PERIOD	Tue 09/07/19	Wed 10/07/19	Thu 11/07/19	Fri 12/07/19	Sat 13/07/19	Sun 14/07/19	Mon 15/07/19	5-Day Av	7-Day Av
Week Begin: 09-Jul-19									
00:00	0	3	7	1	3	19	1	2	5
01:00	19	22	24	22	17	1	18	21	18
02:00	0	0	3	0	2	4	2	1	2
03:00	1	6	2	4	2	1	1	3	2
04:00	1	3	5	2	4	1	3	3	3
05:00	4	5	8	6	2	2	11	7	5
06:00	19	23	23	31	7	4	73	34	26
07:00	70	61	67	68	21	8	273	108	81
08:00	91	81	77	77	32	16	72	80	64
09:00	76	77	84	74	48	33	83	79	68
10:00	64	62	67	80	53	52	65	68	63
11:00	60	63	73	57	74	69	77	66	68
12:00	76	65	71	60	89	74	63	67	71
13:00	73	52	58	68	66	82	60	62	66
14:00	53	63	77	88	56	64	67	70	67
15:00	89	75	95	82	63	46	82	85	76
16:00	94	91	89	102	67	43	96	94	83
17:00	69	71	89	60	48	40	73	72	64
18:00	58	55	54	47	38	24	49	53	46
19:00	30	22	37	38	17	21	34	32	28
20:00	22	36	29	22	23	16	13	24	23
21:00	14	10	12	16	11	10	12	13	12
22:00	10	5	6	8	12	5	5	7	7
23:00	3	4	5	5	5	3	2	4	4
12H,7-19	873	816	901	863	655	551	1060	903	817
16H,6-22	958	907	1002	970	713	602	1192	1006	906
18H,6-24	971	916	1013	983	730	610	1199	1016	917
24H,0-24	996	955	1062	1018	760	638	1235	1053	952
Am	08:00	08:00	09:00	10:00	11:00	11:00	07:00	-	-
Peak	91	81	84	80	74	69	273	122	107
Pm	16:00	16:00	15:00	16:00	12:00	13:00	16:00	-	-
Peak	94	91	95	102	89	82	96	96	93

24409	WILLINGTON	Site No: 24409002	Location	Site 2, Barford Road, Willington (Post)
		Channel: Westbound		

TIME PERIOD	Tue 09/07/19	Wed 10/07/19	Thu 11/07/19	Fri 12/07/19	Sat 13/07/19	Sun 14/07/19	Mon 15/07/19	5-Day Av	7-Day Av





AXIOM Traffic Limited

For and on behalf of:

hub TRANSPORT PLANNING LTD

WILLINGTON

Tuesday 09 July 2019

0700-1000
1400-1900

Drawing N°:	**24409 - 01**
Site:	**1**
Location:	**Barford Road / Station Road / Bedford Road / Wood Lane / Sandy Road**

MANUAL CLASSIFIED COUNTS

JOB REF: 24409

JOB NAME: WILLINGTON

SITE: 1 **DATE:** 09/07/2019

LOCATION: BARFORD ROAD / STATION ROAD / BEDFORD ROAD / WOOD LANE / SANDY ROAD **DAY:** TUESDAY

TIME	A - E FROM BARFORD ROAD TO SANDY ROAD								A - D FROM BARFORD ROAD TO WOOD LANE							
	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:30	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
07:45	2	0	1	0	0	0	0	3	0	0	0	0	0	0	0	0
H/TOT	4	0	1	0	0	0	0	5	0	0	0	0	0	0	0	0
08:00	3	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0
08:15	3	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0
08:30	1	0	1	0	0	0	0	2	0	0	0	0	0	0	0	0
08:45	5	1	0	0	0	0	0	6	0	0	0	0	0	0	0	0
H/TOT	12	1	1	0	0	0	0	14	0	0	0	0	0	0	0	0
09:00	3	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0
09:15	5	1	0	0	0	0	0	6	0	0	0	0	0	0	0	0
09:30	1	1	0	0	0	0	0	2	0	0	0	0	0	0	0	0
09:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
H/TOT	9	2	0	0	0	0	0	11	0	0	0	0	0	0	1	1
P/TOT	25	3	2	0	0	0	0	30	0	0	0	0	0	0	1	1

MANUAL CLASSIFIED COUNTS

JOB REF: 24409

JOB NAME: WILLINGTON

SITE: 1 **DATE:** 09/07/2019

LOCATION: BARFORD ROAD / STATION ROAD / BEDFORD ROAD / WOOD LANE / SANDY ROAD **DAY:** TUESDAY

TIME	A - E FROM BARFORD ROAD TO SANDY ROAD								A - D FROM BARFORD ROAD TO WOOD LANE							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
14:00	9	1	0	0	0	0	0	10	0	0	0	0	0	0	0	0
14:15	6	0	1	0	0	0	0	7	0	0	0	0	0	0	0	0
14:30	3	0	0	0	0	0	0	3	0	1	0	0	0	0	0	1
14:45	8	0	0	2	0	0	0	10	0	0	0	0	0	0	0	0
H/TOT	26	1	1	2	0	0	0	30	0	1	0	0	0	0	0	1
15:00	7	0	0	0	0	0	0	7	0	0	0	0	0	0	0	0
15:15	8	1	0	0	0	0	0	9	0	0	0	0	0	0	0	0
15:30	8	0	0	0	0	0	0	8	0	0	0	0	0	0	0	0
15:45	5	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0
H/TOT	28	1	0	0	0	0	0	29	0	0	0	0	0	0	0	0
16:00	13	2	0	0	0	0	0	15	0	0	0	0	0	0	0	0
16:15	5	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0
16:30	6	0	0	0	0	0	0	6	1	0	0	0	0	0	0	1
16:45	6	0	0	0	0	0	0	6	1	0	0	0	0	0	0	1
H/TOT	30	2	0	0	0	0	0	32	2	0	0	0	0	0	0	2
17:00	5	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0
17:15	2	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0
17:30	2	0	0	0	0	0	0	2	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	9	0	0	0	0	0	0	9	0	0	0	0	0	0	0	0
18:00	5	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0
18:15	2	1	0	0	0	0	0	3	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	2	1	0	0	0	0	0	3	0	0	0	0	0	0	0	0
H/TOT	9	2	0	0	0	0	0	11	0	0	0	0	0	0	0	0
P/TOT	102	6	1	2	0	0	0	111	2	1	0	0	0	0	0	3

MANUAL CLASSIFIED COUNTS

JOB REF: 24409

JOB NAME: WILLINGTON

SITE: 1 **DATE:** 09/07/2019

LOCATION: BARFORD ROAD / STATION ROAD / BEDFORD ROAD / WOOD LANE / SANDY ROAD **DAY:** TUESDAY

TIME	A - C FROM BARFORD ROAD TO BEDFORD ROAD								A - B FROM BARFORD ROAD TO STATION ROAD							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
07:00	7	1	0	0	4	0	0	12	1	0	0	0	0	0	0	1
07:15	8	0	0	0	6	0	0	14	0	0	0	0	0	0	0	0
07:30	13	1	1	1	2	0	0	18	0	0	0	0	0	0	0	0
07:45	15	3	0	0	2	1	0	21	0	1	0	0	0	0	0	1
H/TOT	43	5	1	1	14	1	0	65	1	1	0	0	0	0	0	2
08:00	12	2	0	1	1	0	0	16	0	0	0	0	0	0	0	0
08:15	12	2	0	0	1	0	0	15	2	1	0	0	0	0	0	3
08:30	13	2	0	3	0	0	0	18	2	0	0	0	0	0	0	2
08:45	16	2	1	0	0	1	0	20	2	1	0	0	0	0	0	3
H/TOT	53	8	1	4	2	1	0	69	6	2	0	0	0	0	0	8
09:00	15	4	1	0	0	0	0	20	3	1	0	0	0	0	0	4
09:15	10	2	0	0	0	0	0	12	0	1	0	0	0	0	0	1
09:30	10	5	3	0	0	0	0	18	1	0	0	0	0	0	0	1
09:45	7	4	0	0	0	0	0	11	1	2	0	0	0	0	0	3
H/TOT	42	15	4	0	0	0	0	61	5	4	0	0	0	0	0	9
P/TOT	138	28	6	5	16	2	0	195	12	7	0	0	0	0	0	19

MANUAL CLASSIFIED COUNTS

JOB REF: 24409

JOB NAME: WILLINGTON

SITE: 1 **DATE:** 09/07/2019

LOCATION: BARFORD ROAD / STATION ROAD / BEDFORD ROAD / WOOD LANE / SANDY ROAD **DAY:** TUESDAY

TIME	A - C FROM BARFORD ROAD TO BEDFORD ROAD								A - B FROM BARFORD ROAD TO STATION ROAD							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
14:00	15	2	0	1	0	0	0	18	2	1	0	0	0	0	0	3
14:15	10	1	1	1	4	0	0	17	0	0	0	0	0	0	0	0
14:30	10	3	0	0	3	0	0	16	1	0	0	0	0	0	0	1
14:45	8	5	0	0	1	0	0	14	0	0	0	0	0	0	0	0
H/TOT	43	11	1	2	8	0	0	65	3	1	0	0	0	0	0	4
15:00	14	3	1	2	0	0	0	20	0	1	1	0	0	0	0	2
15:15	18	1	1	1	0	0	0	21	2	1	0	0	0	0	0	3
15:30	17	1	0	0	1	0	0	19	8	0	0	0	0	1	0	9
15:45	14	3	2	0	0	0	0	19	4	1	0	0	1	0	0	6
H/TOT	63	8	4	3	1	0	0	79	14	3	1	0	1	1	0	20
16:00	19	0	0	1	0	0	0	20	3	0	0	0	0	0	0	3
16:15	14	3	0	0	0	0	0	17	1	0	0	0	0	0	0	1
16:30	25	5	0	1	0	0	0	31	0	0	0	0	0	0	0	0
16:45	30	3	0	0	0	0	1	34	1	0	0	0	0	0	0	1
H/TOT	88	11	0	2	0	0	1	102	5	0	0	0	0	0	0	5
17:00	14	3	0	0	0	0	0	17	4	0	0	0	0	0	0	4
17:15	21	2	0	0	0	0	0	23	2	2	0	0	0	0	0	4
17:30	16	3	1	0	0	0	0	20	3	0	0	0	0	0	0	3
17:45	11	1	1	0	1	0	0	14	2	0	0	0	1	0	0	3
H/TOT	62	9	2	0	1	0	0	74	11	2	0	0	1	0	0	14
18:00	19	1	0	0	0	1	0	21	2	0	0	0	0	0	0	2
18:15	12	0	2	0	0	0	1	15	1	0	0	0	0	0	0	1
18:30	8	3	0	0	0	0	0	11	1	1	0	0	0	0	0	2
18:45	5	0	0	0	0	0	0	5	2	0	0	0	0	0	0	2
H/TOT	44	4	2	0	0	1	1	52	6	1	0	0	0	0	0	7
P/TOT	300	43	9	7	10	1	2	372	39	7	1	0	2	1	0	50

MANUAL CLASSIFIED COUNTS

JOB REF: 24409

JOB NAME: WILLINGTON

SITE: 1 **DATE:** 09/07/2019

LOCATION: BARFORD ROAD / STATION ROAD / BEDFORD ROAD / WOOD LANE / SANDY ROAD **DAY:** TUESDAY

TIME	B - A FROM STATION ROAD TO BARFORD ROAD								B - E FROM STATION ROAD TO SANDY ROAD							
	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	3	0	0	0	0	1	0	4
07:15	2	1	0	0	0	0	0	3	1	0	0	0	0	0	0	1
07:30	0	1	0	0	0	0	0	1	3	0	1	0	0	0	0	4
07:45	2	0	0	0	1	0	0	3	0	0	0	0	0	0	0	0
H/TOT	4	2	0	0	1	0	0	7	7	0	1	0	0	1	0	9
08:00	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2
08:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:30	4	2	0	0	1	0	0	7	2	0	0	0	0	0	0	2
08:45	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
H/TOT	4	2	0	0	1	0	0	7	5	0	0	0	0	0	0	5
09:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09:30	6	0	0	0	0	0	0	6	2	0	0	0	0	0	0	2
09:45	0	0	0	0	0	0	1	1	3	0	0	1	0	0	0	4
H/TOT	6	0	0	0	0	0	1	7	5	0	0	1	0	0	0	6
P/TOT	14	4	0	0	2	0	1	21	17	0	1	1	0	1	0	20

MANUAL CLASSIFIED COUNTS

JOB REF: 24409

JOB NAME: WILLINGTON

SITE: 1 **DATE:** 09/07/2019

LOCATION: BARFORD ROAD / STATION ROAD / BEDFORD ROAD / WOOD LANE / SANDY ROAD **DAY:** TUESDAY

TIME	B - A FROM STATION ROAD TO BARFORD ROAD								B - E FROM STATION ROAD TO SANDY ROAD							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
14:00	4	1	0	0	0	0	0	5	4	2	0	0	0	0	0	6
14:15	1	1	0	0	0	0	0	2	4	0	0	0	0	0	0	4
14:30	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	3
14:45	2	0	0	0	1	0	0	3	5	1	0	0	0	0	0	6
H/TOT	7	2	0	0	1	0	0	10	16	3	0	0	0	0	0	19
15:00	5	0	1	0	0	0	0	6	4	0	0	0	0	0	0	4
15:15	2	2	0	0	0	0	1	5	1	2	0	0	0	0	0	3
15:30	3	1	0	0	0	0	0	4	0	0	0	0	0	0	0	0
15:45	2	0	0	0	0	0	0	2	1	0	0	0	0	0	0	1
H/TOT	12	3	1	0	0	0	1	17	6	2	0	0	0	0	0	8
16:00	0	1	0	0	0	0	0	1	1	0	0	0	0	0	0	1
16:15	3	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0
16:30	2	1	0	0	0	0	0	3	2	0	0	0	0	0	0	2
16:45	2	1	0	0	0	0	1	4	0	0	0	0	0	0	0	0
H/TOT	7	3	0	0	0	0	1	11	3	0	0	0	0	0	0	3
17:00	2	0	0	0	0	0	0	2	2	0	0	0	0	0	0	2
17:15	1	0	0	0	0	0	0	1	2	0	0	0	0	0	0	2
17:30	2	1	0	0	0	0	0	3	0	0	0	0	0	0	0	0
17:45	1	0	0	0	0	0	0	1	1	0	0	0	0	0	0	1
H/TOT	6	1	0	0	0	0	0	7	5	0	0	0	0	0	0	5
18:00	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
18:15	1	0	0	0	0	0	0	1	2	0	0	0	0	0	0	2
18:30	2	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0
18:45	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
H/TOT	4	0	0	0	0	0	0	4	3	0	0	0	0	0	0	3
P/TOT	36	9	1	0	1	0	2	49	33	5	0	0	0	0	0	38

MANUAL CLASSIFIED COUNTS

JOB REF: 24409

JOB NAME: WILLINGTON

SITE: 1 **DATE:** 09/07/2019

LOCATION: BARFORD ROAD / STATION ROAD / BEDFORD ROAD / WOOD LANE / SANDY ROAD **DAY:** TUESDAY

TIME	B - D FROM STATION ROAD TO WOOD LANE								B - C FROM STATION ROAD TO BEDFORD ROAD							
	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	2	0	0	0	0	0	0	2
07:15	0	0	0	0	0	0	0	0	3	2	1	0	0	0	0	6
07:30	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	1
07:45	0	0	0	0	0	0	0	0	2	1	1	0	0	0	0	4
H/TOT	0	0	1	0	0	0	0	1	8	3	2	0	0	0	0	13
08:00	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
08:15	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
08:30	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2
08:45	0	0	0	0	0	0	0	0	3	1	0	0	0	0	0	4
H/TOT	0	0	0	0	0	0	0	0	7	1	0	0	0	0	0	8
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	0	0	0	0	0	0	0
09:30	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
09:45	0	0	0	0	0	0	2	2	3	1	0	0	0	0	0	4
H/TOT	0	0	0	0	0	0	2	2	4	2	0	0	0	0	0	6
P/TOT	0	0	1	0	0	0	2	3	19	6	2	0	0	0	0	27

MANUAL CLASSIFIED COUNTS

JOB REF: 24409

JOB NAME: WILLINGTON

SITE: 1 **DATE:** 09/07/2019

LOCATION: BARFORD ROAD / STATION ROAD / BEDFORD ROAD / WOOD LANE / SANDY ROAD **DAY:** TUESDAY

TIME	B - D FROM STATION ROAD TO WOOD LANE								B - C FROM STATION ROAD TO BEDFORD ROAD							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
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	3	1	0	0	0	0	0	4
14:30	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	4
14:45	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	2
H/TOT	0	0	0	0	0	0	0	0	8	2	0	0	0	0	0	10
15:00	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	12
15:15	0	0	0	0	0	0	0	0	2	1	0	0	0	1	0	4
15:30	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
15:45	0	0	0	0	0	0	0	0	4	2	0	0	0	0	0	6
H/TOT	0	0	0	0	0	0	0	0	19	3	0	0	0	1	0	23
16:00	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2
16:15	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	2
16:30	1	0	0	0	0	0	0	1	5	0	1	0	0	0	0	6
16:45	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2
H/TOT	1	0	0	0	0	0	0	1	10	0	1	0	0	1	0	12
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	2	1	0	0	0	0	0	3
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	2	1	0	0	0	0	0	3
18:00	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
18:15	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	3
18:30	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
18:45	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	3
H/TOT	0	0	0	0	0	0	0	0	8	0	0	0	0	0	0	8
P/TOT	1	0	0	0	0	0	0	1	47	6	1	0	0	2	0	56

MANUAL CLASSIFIED COUNTS

JOB REF: 24409

JOB NAME: WILLINGTON

SITE: 1 **DATE:** 09/07/2019

LOCATION: BARFORD ROAD / STATION ROAD / BEDFORD ROAD / WOOD LANE / SANDY ROAD **DAY:** TUESDAY

TIME	C - B FROM BEDFORD ROAD TO STATION ROAD								C - A FROM BEDFORD ROAD TO BARFORD ROAD							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
07:00	2	0	0	0	0	0	0	2	27	6	0	1	0	0	0	34
07:15	4	0	0	0	0	0	0	4	12	4	0	1	1	0	0	18
07:30	1	1	0	0	0	0	0	2	9	1	0	2	0	0	0	12
07:45	5	0	1	0	0	0	0	6	18	3	1	0	0	0	0	22
H/TOT	12	1	1	0	0	0	0	14	66	14	1	4	1	0	0	86
08:00	4	1	1	0	0	0	0	6	13	3	0	0	0	1	0	17
08:15	2	0	0	0	0	0	0	2	6	2	0	0	0	0	0	8
08:30	6	1	0	0	0	0	0	7	11	1	0	0	1	0	0	13
08:45	10	1	1	0	0	0	0	12	10	4	0	1	5	0	0	20
H/TOT	22	3	2	0	0	0	0	27	40	10	0	1	6	1	0	58
09:00	1	0	0	0	0	0	0	1	3	2	2	0	3	0	0	10
09:15	1	2	0	0	0	0	0	3	6	4	2	0	1	0	0	13
09:30	3	0	1	1	0	0	0	5	11	3	1	0	0	0	0	15
09:45	7	2	0	0	0	0	0	9	3	5	0	0	0	0	0	8
H/TOT	12	4	1	1	0	0	0	18	23	14	5	0	4	0	0	46
P/TOT	46	8	4	1	0	0	0	59	129	38	6	5	11	1	0	190

MANUAL CLASSIFIED COUNTS

JOB REF: 24409

JOB NAME: WILLINGTON

SITE: 1 **DATE:** 09/07/2019

LOCATION: BARFORD ROAD / STATION ROAD / BEDFORD ROAD / WOOD LANE / SANDY ROAD **DAY:** TUESDAY

TIME	C - B FROM BEDFORD ROAD TO STATION ROAD								C - A FROM BEDFORD ROAD TO BARFORD ROAD							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
14:00	5	0	0	0	0	0	0	5	8	3	0	1	0	0	0	12
14:15	5	2	0	0	0	0	0	7	11	2	1	2	0	0	0	16
14:30	12	0	0	0	0	0	0	12	12	1	2	4	0	0	0	19
14:45	7	1	0	0	0	0	0	8	13	1	2	2	0	1	0	19
H/TOT	29	3	0	0	0	0	0	32	44	7	5	9	0	1	0	66
15:00	11	1	0	0	0	0	0	12	8	2	1	1	0	0	0	12
15:15	4	2	0	0	0	0	0	6	9	0	1	1	0	0	0	11
15:30	12	1	0	0	0	0	0	13	19	3	1	0	0	0	0	23
15:45	7	1	0	0	0	0	0	8	16	2	3	0	0	0	0	21
H/TOT	34	5	0	0	0	0	0	39	52	7	6	2	0	0	0	67
16:00	7	2	0	0	0	0	0	9	16	2	1	1	4	0	0	24
16:15	5	0	0	0	0	0	0	5	15	4	0	0	6	0	1	26
16:30	4	1	0	0	0	0	0	5	13	2	0	0	3	0	0	18
16:45	13	1	0	0	0	0	0	14	23	4	0	0	0	0	0	27
H/TOT	29	4	0	0	0	0	0	33	67	12	1	1	13	0	1	95
17:00	4	1	0	0	0	0	0	5	23	3	1	0	0	1	0	28
17:15	9	1	0	0	0	0	0	10	16	1	1	0	0	0	0	18
17:30	9	2	0	0	0	0	0	11	24	3	0	0	0	0	0	27
17:45	9	2	0	0	0	0	0	11	24	3	1	0	0	0	0	28
H/TOT	31	6	0	0	0	0	0	37	87	10	3	0	0	1	0	101
18:00	6	2	0	0	0	0	0	8	8	3	1	0	0	0	0	12
18:15	6	1	0	0	0	0	0	7	13	0	0	0	0	1	1	15
18:30	4	2	1	0	0	0	0	7	8	1	0	0	0	0	0	9
18:45	6	1	0	0	0	0	0	7	9	0	1	0	0	0	1	11
H/TOT	22	6	1	0	0	0	0	29	38	4	2	0	0	1	2	47
P/TOT	145	24	1	0	0	0	0	170	288	40	17	12	13	3	3	376

MANUAL CLASSIFIED COUNTS

JOB REF: 24409

JOB NAME: WILLINGTON

SITE: 1 **DATE:** 09/07/2019

LOCATION: BARFORD ROAD / STATION ROAD / BEDFORD ROAD / WOOD LANE / SANDY ROAD **DAY:** TUESDAY

TIME	C - E FROM BEDFORD ROAD TO SANDY ROAD								C - D FROM BEDFORD ROAD TO WOOD LANE							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
07:00	142	30	5	10	0	1	0	188	1	1	0	0	0	0	0	2
07:15	123	35	5	3	0	2	0	168	1	0	0	0	0	0	0	1
07:30	125	34	6	7	0	2	0	174	0	0	0	0	0	0	0	0
07:45	91	17	7	5	2	0	1	123	0	0	0	0	0	0	0	0
H/TOT	481	116	23	25	2	5	1	653	2	1	0	0	0	0	0	3
08:00	90	25	4	8	0	2	0	129	0	1	0	0	0	0	0	1
08:15	84	29	9	10	0	0	0	132	0	0	0	0	0	0	0	0
08:30	97	26	3	9	1	0	0	136	0	0	0	0	0	0	0	0
08:45	80	22	6	11	0	1	0	120	1	0	0	0	0	0	0	1
H/TOT	351	102	22	38	1	3	0	517	1	1	0	0	0	0	0	2
09:00	75	17	5	3	2	0	0	102	2	1	0	0	0	0	0	3
09:15	69	23	4	10	0	0	0	106	1	0	0	0	0	0	0	1
09:30	60	16	5	4	1	0	0	86	2	0	0	0	0	0	0	2
09:45	63	14	9	5	0	0	0	91	0	0	0	0	0	0	0	0
H/TOT	267	70	23	22	3	0	0	385	5	1	0	0	0	0	0	6
P/TOT	1099	288	68	85	6	8	1	1555	8	3	0	0	0	0	0	11

MANUAL CLASSIFIED COUNTS

JOB REF: 24409

JOB NAME: WILLINGTON

SITE: 1 **DATE:** 09/07/2019

LOCATION: BARFORD ROAD / STATION ROAD / BEDFORD ROAD / WOOD LANE / SANDY ROAD **DAY:** TUESDAY

TIME	C - E FROM BEDFORD ROAD TO SANDY ROAD								C - D FROM BEDFORD ROAD TO WOOD LANE							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
14:00	65	12	4	6	1	1	0	89	1	1	0	0	0	0	0	2
14:15	72	17	6	3	0	0	0	98	1	1	0	0	0	0	0	2
14:30	72	24	6	7	1	0	0	110	1	0	0	0	0	0	0	1
14:45	102	15	6	14	0	1	0	138	1	0	0	0	0	0	0	1
H/TOT	311	68	22	30	2	2	0	435	4	2	0	0	0	0	0	6
15:00	113	30	3	6	1	0	0	153	1	0	0	0	0	0	0	1
15:15	94	14	3	12	0	1	0	124	1	0	0	0	0	0	0	1
15:30	97	24	5	5	0	0	0	131	0	0	0	0	0	0	0	0
15:45	107	22	3	5	2	1	0	140	1	0	0	0	0	0	0	1
H/TOT	411	90	14	28	3	2	0	548	3	0	0	0	0	0	0	3
16:00	93	25	5	6	0	0	0	129	0	0	0	0	0	0	0	0
16:15	105	17	1	3	1	0	0	127	1	0	0	0	0	0	0	1
16:30	126	23	5	2	0	0	0	156	1	0	0	0	0	0	0	1
16:45	126	25	4	3	3	0	0	161	0	0	0	0	0	0	0	0
H/TOT	450	90	15	14	4	0	0	573	2	0	0	0	0	0	0	2
17:00	160	20	4	2	1	1	0	188	0	0	0	0	0	0	0	0
17:15	148	19	2	1	0	1	0	171	1	0	0	0	0	0	0	1
17:30	119	12	3	3	1	0	0	138	0	0	0	0	0	0	0	0
17:45	143	11	0	3	0	0	0	157	0	0	0	0	0	0	0	0
H/TOT	570	62	9	9	2	2	0	654	1	0	0	0	0	0	0	1
18:00	100	10	2	2	1	2	0	117	0	0	0	0	0	0	0	0
18:15	106	16	1	3	0	0	0	126	0	0	0	0	0	0	0	0
18:30	83	13	3	4	1	0	0	104	0	0	0	0	0	0	0	0
18:45	76	13	1	3	0	0	0	93	0	0	0	0	0	0	0	0
H/TOT	365	52	7	12	2	2	0	440	0	0	0	0	0	0	0	0
P/TOT	2107	362	67	93	13	8	0	2650	10	2	0	0	0	0	0	12

MANUAL CLASSIFIED COUNTS

JOB REF: 24409

JOB NAME: WILLINGTON

SITE: 1 **DATE:** 09/07/2019

LOCATION: BARFORD ROAD / STATION ROAD / BEDFORD ROAD / WOOD LANE / SANDY ROAD **DAY:** TUESDAY

TIME	D - C FROM WOOD LANE TO BEDFORD ROAD								D - B FROM WOOD LANE TO STATION ROAD							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
07:00	3	0	0	0	0	0	0	3	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	0	0
H/TOT	3	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0
08:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
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	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
09:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09:15	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
09:30	2	0	0	0	0	0	0	2	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	3	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0
P/TOT	6	0	0	0	0	0	0	6	0	0	0	0	0	0	1	1

MANUAL CLASSIFIED COUNTS

JOB REF: 24409

JOB NAME: WILLINGTON

SITE: 1 **DATE:** 09/07/2019

LOCATION: BARFORD ROAD / STATION ROAD / BEDFORD ROAD / WOOD LANE / SANDY ROAD **DAY:** TUESDAY

TIME	D - C FROM WOOD LANE TO BEDFORD ROAD								D - B FROM WOOD LANE TO STATION ROAD							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
14:00	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0
14:15	1	0	0	0	0	0	0	1	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	2	1	0	0	0	0	0	3	0	0	0	0	0	0	0	0
15:00	1	0	0	0	0	0	0	1	1	0	0	0	0	0	0	1
15:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15:30	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
15:45	1	1	0	0	0	0	0	2	0	0	0	0	0	0	0	0
H/TOT	3	1	0	0	0	0	0	4	1	0	0	0	0	0	0	1
16:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16:15	1	1	0	0	0	0	0	2	2	0	0	0	0	0	0	2
16:30	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2
16:45	1	0	0	0	0	0	0	1	2	0	0	0	0	0	0	2
H/TOT	2	1	0	0	0	0	0	3	6	0	0	0	0	0	0	6
17:00	2	0	0	0	0	0	0	2	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	2	0	0	0	0	0	0	2	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	9	3	0	0	0	0	0	12	7	0	0	0	0	0	0	7

MANUAL CLASSIFIED COUNTS

JOB REF: 24409

JOB NAME: WILLINGTON

SITE: 1 **DATE:** 09/07/2019

LOCATION: BARFORD ROAD / STATION ROAD / BEDFORD ROAD / WOOD LANE / SANDY ROAD **DAY:** TUESDAY

TIME	D - A FROM WOOD LANE TO BARFORD ROAD								D - E FROM WOOD LANE TO SANDY ROAD							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
07:00	2	0	0	0	0	0	0	2	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	1	0	0	0	0	0	0	1
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	1	0	0	0	0	0	0	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	0	0	0	0	0	0	0	0
09:15	0	0	0	0	0	0	0	0	1	0	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	1	0	0	0	0	1	0	0	0	0	0	0	0	0
H/TOT	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	1
P/TOT	2	0	1	0	0	0	0	3	3	0	0	0	0	0	0	3

MANUAL CLASSIFIED COUNTS

JOB REF: 24409

JOB NAME: WILLINGTON

SITE: 1 **DATE:** 09/07/2019

LOCATION: BARFORD ROAD / STATION ROAD / BEDFORD ROAD / WOOD LANE / SANDY ROAD **DAY:** TUESDAY

TIME	D - A FROM WOOD LANE TO BARFORD ROAD								D - E FROM WOOD LANE TO SANDY ROAD							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
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	1	0	0	0	0	0	0	1	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	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
15:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15:45	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
16:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16:15	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
16:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16:45	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	1	0	0	0	0	0	1
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	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
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	1	0	0	0	0	0	0	1	1	1	0	0	0	0	0	2

MANUAL CLASSIFIED COUNTS

JOB REF: 24409

JOB NAME: WILLINGTON

SITE: 1 **DATE:** 09/07/2019

LOCATION: BARFORD ROAD / STATION ROAD / BEDFORD ROAD / WOOD LANE / SANDY ROAD **DAY:** TUESDAY

TIME	E - D FROM SANDY ROAD TO WOOD LANE								E - C FROM SANDY ROAD TO BEDFORD ROAD							
	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	136	37	5	4	0	1	0	183
07:15	0	0	0	0	0	0	0	0	154	27	6	3	1	2	0	193
07:30	0	0	0	0	0	0	0	0	153	21	6	4	0	0	0	184
07:45	0	0	0	0	0	0	0	0	138	30	6	3	2	1	1	181
H/TOT	1	0	0	0	0	0	0	1	581	115	23	14	3	4	1	741
08:00	0	0	0	0	0	0	0	0	150	28	9	4	1	1	0	193
08:15	0	0	0	0	0	0	0	0	148	23	6	11	1	0	0	189
08:30	0	0	0	0	0	0	0	0	151	21	5	3	0	1	0	181
08:45	0	0	0	0	0	0	0	0	97	23	3	4	3	0	0	130
H/TOT	0	0	0	0	0	0	0	0	546	95	23	22	5	2	0	693
09:00	0	0	0	0	0	0	0	0	90	20	6	2	1	0	0	119
09:15	0	0	0	0	0	0	0	0	94	30	4	2	1	0	0	131
09:30	0	0	0	0	0	0	0	0	78	16	3	4	0	0	0	101
09:45	0	0	0	0	0	0	0	0	93	24	4	4	0	1	0	126
H/TOT	0	0	0	0	0	0	0	0	355	90	17	12	2	1	0	477
P/TOT	1	0	0	0	0	0	0	1	1482	300	63	48	10	7	1	1911

MANUAL CLASSIFIED COUNTS

JOB REF: 24409

JOB NAME: WILLINGTON

SITE: 1 **DATE:** 09/07/2019

LOCATION: BARFORD ROAD / STATION ROAD / BEDFORD ROAD / WOOD LANE / SANDY ROAD **DAY:** TUESDAY

TIME	E - D FROM SANDY ROAD TO WOOD LANE								E - C FROM SANDY ROAD TO BEDFORD ROAD							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
14:00	1	0	0	0	0	0	0	1	70	19	10	4	1	0	0	104
14:15	0	0	0	0	0	0	0	0	64	15	8	6	0	1	0	94
14:30	1	0	0	0	0	0	0	1	67	20	8	2	0	1	0	98
14:45	0	0	0	0	0	0	0	0	58	12	8	10	0	0	0	88
H/TOT	2	0	0	0	0	0	0	2	259	66	34	22	1	2	0	384
15:00	0	0	0	0	0	0	0	0	47	16	6	3	1	0	0	73
15:15	0	0	0	0	0	0	0	0	87	19	13	9	0	1	0	129
15:30	1	0	0	0	0	0	0	1	82	24	3	8	1	0	0	118
15:45	1	0	0	0	0	0	0	1	94	29	10	1	0	2	0	136
H/TOT	2	0	0	0	0	0	0	2	310	88	32	21	2	3	0	456
16:00	0	0	0	0	0	0	0	0	78	36	2	1	2	0	0	119
16:15	0	1	0	0	0	0	0	1	120	37	7	5	0	1	0	170
16:30	0	0	0	0	0	0	0	0	123	29	6	2	2	1	0	163
16:45	1	0	0	0	0	0	0	1	101	21	2	2	0	1	0	127
H/TOT	1	1	0	0	0	0	0	2	422	123	17	10	4	3	0	579
17:00	0	0	0	0	0	0	0	0	142	20	6	3	0	0	0	171
17:15	0	0	0	0	0	0	0	0	143	22	6	5	1	0	1	178
17:30	2	0	0	0	0	0	0	2	144	15	2	2	0	1	0	164
17:45	0	0	0	0	0	0	0	0	98	24	1	6	1	1	0	131
H/TOT	2	0	0	0	0	0	0	2	527	81	15	16	2	2	1	644
18:00	1	0	0	0	0	0	0	1	142	16	2	0	0	0	0	160
18:15	0	0	0	0	0	0	0	0	139	12	0	2	1	2	0	156
18:30	0	0	0	0	0	0	0	0	91	9	2	1	0	0	0	103
18:45	1	0	0	0	0	0	0	1	95	15	3	5	1	0	0	119
H/TOT	2	0	0	0	0	0	0	2	467	52	7	8	2	2	0	538
P/TOT	9	1	0	0	0	0	0	10	1985	410	105	77	11	12	1	2601

MANUAL CLASSIFIED COUNTS

JOB REF: 24409

JOB NAME: WILLINGTON

SITE: 1 **DATE:** 09/07/2019

LOCATION: BARFORD ROAD / STATION ROAD / BEDFORD ROAD / WOOD LANE / SANDY ROAD **DAY:** TUESDAY

TIME	E - B FROM SANDY ROAD TO STATION ROAD								E - A FROM SANDY ROAD TO BARFORD ROAD							
	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	1	0	0	0	0	1	0	2
07:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:30	2	1	0	0	0	0	0	3	1	0	1	0	0	0	0	2
07:45	3	0	1	0	0	0	0	4	0	0	0	0	0	0	0	0
H/TOT	6	1	1	0	0	0	0	8	2	0	1	0	0	1	0	4
08:00	1	0	0	0	0	0	0	1	2	0	1	0	0	0	0	3
08:15	1	1	0	0	0	0	0	2	1	0	0	1	0	0	0	2
08:30	3	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0
08:45	2	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0
H/TOT	7	1	0	0	0	0	0	8	3	0	1	1	0	0	0	5
09:00	1	1	0	0	0	0	0	2	0	0	0	0	0	0	0	0
09:15	3	1	0	0	0	0	0	4	0	0	1	0	0	0	0	1
09:30	1	1	0	0	0	0	0	2	0	0	0	0	0	0	0	0
09:45	2	1	0	0	0	0	0	3	0	2	0	0	0	0	0	2
H/TOT	7	4	0	0	0	0	0	11	0	2	1	0	0	0	0	3
P/TOT	20	6	1	0	0	0	0	27	5	2	3	1	0	1	0	12

MANUAL CLASSIFIED COUNTS

JOB REF: 24409

JOB NAME: WILLINGTON

SITE: 1 **DATE:** 09/07/2019

LOCATION: BARFORD ROAD / STATION ROAD / BEDFORD ROAD / WOOD LANE / SANDY ROAD **DAY:** TUESDAY

TIME	E - B FROM SANDY ROAD TO STATION ROAD								E - A FROM SANDY ROAD TO BARFORD ROAD							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
14:00	3	0	0	0	0	0	0	3	1	0	0	0	0	0	0	1
14:15	4	0	0	1	0	0	0	5	0	0	0	0	0	0	0	0
14:30	6	0	0	0	0	0	0	6	0	0	0	0	0	0	0	0
14:45	3	1	0	0	0	0	0	4	0	0	0	0	0	0	0	0
H/TOT	16	1	0	1	0	0	0	18	1	0	0	0	0	0	0	1
15:00	5	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0
15:15	4	1	0	0	0	0	0	5	0	0	0	0	0	0	0	0
15:30	3	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0
15:45	5	1	1	0	0	1	0	8	0	0	0	0	0	0	0	0
H/TOT	17	2	1	0	0	1	0	21	0	0	0	0	0	0	0	0
16:00	8	0	0	0	0	0	0	8	2	0	0	0	0	0	0	2
16:15	5	0	1	0	0	0	0	6	2	0	0	0	0	0	0	2
16:30	2	1	0	0	0	0	0	3	2	1	0	0	0	0	0	3
16:45	3	0	0	0	0	0	0	3	1	0	0	0	0	0	0	1
H/TOT	18	1	1	0	0	0	0	20	7	1	0	0	0	0	0	8
17:00	4	0	0	0	0	0	0	4	2	0	0	0	0	0	0	2
17:15	3	0	0	0	0	0	0	3	4	0	0	0	0	0	0	4
17:30	5	0	0	0	0	0	0	5	3	0	0	0	0	0	0	3
17:45	8	0	0	0	0	0	0	8	3	0	0	0	0	0	0	3
H/TOT	20	0	0	0	0	0	0	20	12	0	0	0	0	0	0	12
18:00	4	0	0	0	0	0	1	5	1	0	0	0	0	0	0	1
18:15	0	0	0	0	0	0	0	0	1	0	0	0	0	0	6	7
18:30	2	1	0	0	0	0	0	3	1	0	0	0	0	0	0	1
18:45	3	0	0	0	0	0	0	3	2	1	0	0	0	0	0	3
H/TOT	9	1	0	0	0	0	1	11	5	1	0	0	0	0	6	12
P/TOT	80	5	2	1	0	1	1	90	25	2	0	0	0	0	6	33

MANUAL CLASSIFIED COUNTS

JOB REF: 24409

JOB NAME: WILLINGTON

SITE: 1 **DATE:** 09/07/2019

LOCATION: BARFORD ROAD / STATION ROAD / BEDFORD ROAD / WOOD LANE / SANDY ROAD **DAY:** TUESDAY

TIME	TO ARM A BARFORD ROAD								FROM ARM A BARFORD ROAD							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
07:00	30	6	0	1	0	1	0	38	9	1	0	0	4	0	0	14
07:15	14	5	0	1	1	0	0	21	8	0	0	0	6	0	0	14
07:30	10	2	1	2	0	0	0	15	14	1	1	1	2	0	0	19
07:45	20	3	1	0	1	0	0	25	17	4	1	0	2	1	0	25
H/TOT	74	16	2	4	2	1	0	99	48	6	2	1	14	1	0	72
08:00	15	3	1	0	0	1	0	20	15	2	0	1	1	0	0	19
08:15	7	2	0	1	0	0	0	10	17	3	0	0	1	0	0	21
08:30	15	3	0	0	2	0	0	20	16	2	1	3	0	0	0	22
08:45	10	4	0	1	5	0	0	20	23	4	1	0	0	1	0	29
H/TOT	47	12	1	2	7	1	0	70	71	11	2	4	2	1	0	91
09:00	3	2	2	0	3	0	0	10	21	5	1	0	0	0	0	27
09:15	6	4	3	0	1	0	0	14	15	4	0	0	0	0	0	19
09:30	17	3	1	0	0	0	0	21	12	6	3	0	0	0	0	21
09:45	3	7	1	0	0	0	1	12	8	6	0	0	0	0	1	15
H/TOT	29	16	7	0	4	0	1	57	56	21	4	0	0	0	1	82
P/TOT	150	44	10	6	13	2	1	226	175	38	8	5	16	2	1	245

MANUAL CLASSIFIED COUNTS

JOB REF: 24409

JOB NAME: WILLINGTON

SITE: 1 **DATE:** 09/07/2019

LOCATION: BARFORD ROAD / STATION ROAD / BEDFORD ROAD / WOOD LANE / SANDY ROAD **DAY:** TUESDAY

TIME	TO ARM A BARFORD ROAD								FROM ARM A BARFORD ROAD							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
14:00	13	4	0	1	0	0	0	18	26	4	0	1	0	0	0	31
14:15	12	3	1	2	0	0	0	18	16	1	2	1	4	0	0	24
14:30	13	1	2	4	0	0	0	20	14	4	0	0	3	0	0	21
14:45	15	1	2	2	1	1	0	22	16	5	0	2	1	0	0	24
H/TOT	53	9	5	9	1	1	0	78	72	14	2	4	8	0	0	100
15:00	13	2	2	1	0	0	0	18	21	4	2	2	0	0	0	29
15:15	11	2	1	1	0	0	1	16	28	3	1	1	0	0	0	33
15:30	22	4	1	0	0	0	0	27	33	1	0	0	1	1	0	36
15:45	18	2	3	0	0	0	0	23	23	4	2	0	1	0	0	30
H/TOT	64	10	7	2	0	0	1	84	105	12	5	3	2	1	0	128
16:00	18	3	1	1	4	0	0	27	35	2	0	1	0	0	0	38
16:15	20	4	0	0	6	0	1	31	20	3	0	0	0	0	0	23
16:30	17	4	0	0	3	0	0	24	32	5	0	1	0	0	0	38
16:45	26	5	0	0	0	0	1	32	38	3	0	0	0	0	1	42
H/TOT	81	16	1	1	13	0	2	114	125	13	0	2	0	0	1	141
17:00	27	3	1	0	0	1	0	32	23	3	0	0	0	0	0	26
17:15	21	1	1	0	0	0	0	23	25	4	0	0	0	0	0	29
17:30	29	4	0	0	0	0	0	33	21	3	1	0	0	0	0	25
17:45	28	3	1	0	0	0	0	32	13	1	1	0	2	0	0	17
H/TOT	105	11	3	0	0	1	0	120	82	11	2	0	2	0	0	97
18:00	9	3	1	0	0	0	0	13	26	1	0	0	0	1	0	28
18:15	15	0	0	0	0	1	7	23	15	1	2	0	0	0	1	19
18:30	11	1	0	0	0	0	0	12	9	4	0	0	0	0	0	13
18:45	12	1	1	0	0	0	1	15	9	1	0	0	0	0	0	10
H/TOT	47	5	2	0	0	1	8	63	59	7	2	0	0	1	1	70
P/TOT	350	51	18	12	14	3	11	459	443	57	11	9	12	2	2	536

MANUAL CLASSIFIED COUNTS

JOB REF: 24409

JOB NAME: WILLINGTON

SITE: 1 **DATE:** 09/07/2019

LOCATION: BARFORD ROAD / STATION ROAD / BEDFORD ROAD / WOOD LANE / SANDY ROAD **DAY:** TUESDAY

TIME	TO ARM B STATION ROAD								FROM ARM B STATION ROAD							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
07:00	4	0	0	0	0	0	0	4	5	0	0	0	0	1	0	6
07:15	4	0	0	0	0	0	0	4	6	3	1	0	0	0	0	10
07:30	3	2	0	0	0	0	0	5	4	1	2	0	0	0	0	7
07:45	8	1	2	0	0	0	0	11	4	1	1	0	1	0	0	7
H/TOT	19	3	2	0	0	0	0	24	19	5	4	0	1	1	0	30
08:00	5	1	1	0	0	0	0	7	3	0	0	0	0	0	0	3
08:15	5	2	0	0	0	0	1	8	1	0	0	0	0	0	0	1
08:30	11	1	0	0	0	0	0	12	8	2	0	0	1	0	0	11
08:45	14	2	1	0	0	0	0	17	4	1	0	0	0	0	0	5
H/TOT	35	6	2	0	0	0	1	44	16	3	0	0	1	0	0	20
09:00	5	2	0	0	0	0	0	7	1	0	0	0	0	0	0	1
09:15	4	4	0	0	0	0	0	8	0	0	0	0	0	0	0	0
09:30	5	1	1	1	0	0	0	8	8	1	0	0	0	0	0	9
09:45	10	5	0	0	0	0	0	15	6	1	0	1	0	0	3	11
H/TOT	24	12	1	1	0	0	0	38	15	2	0	1	0	0	3	21
P/TOT	78	21	5	1	0	0	1	106	50	10	4	1	2	1	3	71

MANUAL CLASSIFIED COUNTS

JOB REF: 24409

JOB NAME: WILLINGTON

SITE: 1 **DATE:** 09/07/2019

LOCATION: BARFORD ROAD / STATION ROAD / BEDFORD ROAD / WOOD LANE / SANDY ROAD **DAY:** TUESDAY

TIME	TO ARM B STATION ROAD								FROM ARM B STATION ROAD							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
14:00	10	1	0	0	0	0	0	11	8	3	0	0	0	0	0	11
14:15	9	2	0	1	0	0	0	12	8	2	0	0	0	0	0	10
14:30	19	0	0	0	0	0	0	19	7	0	0	0	0	0	0	7
14:45	10	2	0	0	0	0	0	12	8	2	0	0	1	0	0	11
H/TOT	48	5	0	1	0	0	0	54	31	7	0	0	1	0	0	39
15:00	17	2	1	0	0	0	0	20	21	0	1	0	0	0	0	22
15:15	10	4	0	0	0	0	0	14	5	5	0	0	0	1	1	12
15:30	23	1	0	0	0	1	0	25	4	1	0	0	0	0	0	5
15:45	16	3	1	0	1	1	0	22	7	2	0	0	0	0	0	9
H/TOT	66	10	2	0	1	2	0	81	37	8	1	0	0	1	1	48
16:00	18	2	0	0	0	0	0	20	3	1	0	0	0	0	0	4
16:15	13	0	1	0	0	0	0	14	4	0	0	0	0	1	0	5
16:30	8	2	0	0	0	0	0	10	10	1	1	0	0	0	0	12
16:45	19	1	0	0	0	0	0	20	4	1	0	0	0	0	1	6
H/TOT	58	5	1	0	0	0	0	64	21	3	1	0	0	1	1	27
17:00	12	1	0	0	0	0	0	13	4	0	0	0	0	0	0	4
17:15	14	3	0	0	0	0	0	17	3	0	0	0	0	0	0	3
17:30	17	2	0	0	0	0	0	19	4	2	0	0	0	0	0	6
17:45	19	2	0	0	1	0	0	22	2	0	0	0	0	0	0	2
H/TOT	62	8	0	0	1	0	0	71	13	2	0	0	0	0	0	15
18:00	12	2	0	0	0	0	1	15	2	0	0	0	0	0	0	2
18:15	7	1	0	0	0	0	0	8	6	0	0	0	0	0	0	6
18:30	7	4	1	0	0	0	0	12	3	0	0	0	0	0	0	3
18:45	11	1	0	0	0	0	0	12	4	0	0	0	0	0	0	4
H/TOT	37	8	1	0	0	0	1	47	15	0	0	0	0	0	0	15
P/TOT	271	36	4	1	2	2	1	317	117	20	2	0	1	2	2	144

MANUAL CLASSIFIED COUNTS

JOB REF: 24409

JOB NAME: WILLINGTON

SITE: 1 **DATE:** 09/07/2019

LOCATION: BARFORD ROAD / STATION ROAD / BEDFORD ROAD / WOOD LANE / SANDY ROAD **DAY:** TUESDAY

TIME	TO ARM C BEDFORD ROAD								FROM ARM C BEDFORD ROAD							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
07:00	148	38	5	4	4	1	0	200	172	37	5	11	0	1	0	226
07:15	165	29	7	3	7	2	0	213	140	39	5	4	1	2	0	191
07:30	167	22	7	5	2	0	0	203	135	36	6	9	0	2	0	188
07:45	155	34	7	3	4	2	1	206	114	20	9	5	2	0	1	151
H/TOT	635	123	26	15	17	5	1	822	561	132	25	29	3	5	1	756
08:00	163	30	9	5	2	1	0	210	107	30	5	8	0	3	0	153
08:15	161	25	6	11	2	0	0	205	92	31	9	10	0	0	0	142
08:30	166	23	5	6	0	1	0	201	114	28	3	9	2	0	0	156
08:45	116	26	4	4	3	1	0	154	101	27	7	12	5	1	0	153
H/TOT	606	104	24	26	7	3	0	770	414	116	24	39	7	4	0	604
09:00	106	24	7	2	1	0	0	140	81	20	7	3	5	0	0	116
09:15	105	32	4	2	1	0	0	144	77	29	6	10	1	0	0	123
09:30	90	22	6	4	0	0	0	122	76	19	7	5	1	0	0	108
09:45	103	29	4	4	0	1	0	141	73	21	9	5	0	0	0	108
H/TOT	404	107	21	12	2	1	0	547	307	89	29	23	7	0	0	455
P/TOT	1645	334	71	53	26	9	1	2139	1282	337	78	91	17	9	1	1815

MANUAL CLASSIFIED COUNTS

JOB REF: 24409

JOB NAME: WILLINGTON

SITE: 1 **DATE:** 09/07/2019

LOCATION: BARFORD ROAD / STATION ROAD / BEDFORD ROAD / WOOD LANE / SANDY ROAD **DAY:** TUESDAY

TIME	TO ARM C BEDFORD ROAD								FROM ARM C BEDFORD ROAD							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
14:00	85	22	10	5	1	0	0	123	79	16	4	7	1	1	0	108
14:15	78	17	9	7	4	1	0	116	89	22	7	5	0	0	0	123
14:30	82	23	8	2	3	1	0	119	97	25	8	11	1	0	0	142
14:45	67	18	8	10	1	0	0	104	123	17	8	16	0	2	0	166
H/TOT	312	80	35	24	9	2	0	462	388	80	27	39	2	3	0	539
15:00	74	19	7	5	1	0	0	106	133	33	4	7	1	0	0	178
15:15	107	21	14	10	0	2	0	154	108	16	4	13	0	1	0	142
15:30	101	25	3	8	2	0	0	139	128	28	6	5	0	0	0	167
15:45	113	35	12	1	0	2	0	163	131	25	6	5	2	1	0	170
H/TOT	395	100	36	24	3	4	0	562	500	102	20	30	3	2	0	657
16:00	99	36	2	2	2	0	0	141	116	29	6	7	4	0	0	162
16:15	136	41	7	5	0	2	0	191	126	21	1	3	7	0	1	159
16:30	153	34	7	3	2	1	0	200	144	26	5	2	3	0	0	180
16:45	134	24	2	2	0	1	1	164	162	30	4	3	3	0	0	202
H/TOT	522	135	18	12	4	4	1	696	548	106	16	15	17	0	1	703
17:00	158	23	6	3	0	0	0	190	187	24	5	2	1	2	0	221
17:15	164	24	6	5	1	0	1	201	174	21	3	1	0	1	0	200
17:30	162	19	3	2	0	1	0	187	152	17	3	3	1	0	0	176
17:45	109	25	2	6	2	1	0	145	176	16	1	3	0	0	0	196
H/TOT	593	91	17	16	3	2	1	723	689	78	12	9	2	3	0	793
18:00	162	17	2	0	0	1	0	182	114	15	3	2	1	2	0	137
18:15	154	12	2	2	1	2	1	174	125	17	1	3	0	1	1	148
18:30	100	12	2	1	0	0	0	115	95	16	4	4	1	0	0	120
18:45	103	15	3	5	1	0	0	127	91	14	2	3	0	0	1	111
H/TOT	519	56	9	8	2	3	1	598	425	62	10	12	2	3	2	516
P/TOT	2341	462	115	84	21	15	3	3041	2550	428	85	105	26	11	3	3208

MANUAL CLASSIFIED COUNTS

JOB REF: 24409

JOB NAME: WILLINGTON

SITE: 1 **DATE:** 09/07/2019

LOCATION: BARFORD ROAD / STATION ROAD / BEDFORD ROAD / WOOD LANE / SANDY ROAD **DAY:** TUESDAY

TIME	TO ARM D WOOD LANE								FROM ARM D WOOD LANE							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
07:00	2	1	0	0	0	0	0	3	5	0	0	0	0	0	0	5
07:15	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
07:30	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	1
07:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
H/TOT	3	1	1	0	0	0	0	5	6	0	0	0	0	0	0	6
08:00	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0
08:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
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	1	0	0	0	0	0	0	1
H/TOT	1	1	0	0	0	0	0	2	1	0	0	0	0	0	1	2
09:00	2	1	0	0	0	0	0	3	0	0	0	0	0	0	0	0
09:15	1	0	0	0	0	0	0	1	2	0	0	0	0	0	0	2
09:30	2	0	0	0	0	0	0	2	2	0	0	0	0	0	0	2
09:45	0	0	0	0	0	0	3	3	0	0	1	0	0	0	0	1
H/TOT	5	1	0	0	0	0	3	9	4	0	1	0	0	0	0	5
P/TOT	9	3	1	0	0	0	3	16	11	0	1	0	0	0	1	13

MANUAL CLASSIFIED COUNTS

JOB REF: 24409

JOB NAME: WILLINGTON

SITE: 1 **DATE:** 09/07/2019

LOCATION: BARFORD ROAD / STATION ROAD / BEDFORD ROAD / WOOD LANE / SANDY ROAD **DAY:** TUESDAY

TIME	TO ARM D WOOD LANE								FROM ARM D WOOD LANE							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
14:00	2	1	0	0	0	0	0	3	0	1	0	0	0	0	0	1
14:15	1	1	0	0	0	0	0	2	1	0	0	0	0	0	0	1
14:30	2	1	0	0	0	0	0	3	2	0	0	0	0	0	0	2
14:45	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
H/TOT	6	3	0	0	0	0	0	9	3	1	0	0	0	0	0	4
15:00	1	0	0	0	0	0	0	1	2	0	0	0	0	0	0	2
15:15	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
15:30	1	0	0	0	0	0	0	1	1	0	0	0	0	0	0	1
15:45	2	0	0	0	0	0	0	2	1	1	0	0	0	0	0	2
H/TOT	5	0	0	0	0	0	0	5	4	1	0	0	0	0	0	5
16:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16:15	1	1	0	0	0	0	0	2	3	2	0	0	0	0	0	5
16:30	3	0	0	0	0	0	0	3	2	0	0	0	0	0	0	2
16:45	2	0	0	0	0	0	0	2	3	0	0	0	0	0	0	3
H/TOT	6	1	0	0	0	0	0	7	8	2	0	0	0	0	0	10
17:00	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2
17:15	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
17:30	2	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0
17:45	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
H/TOT	3	0	0	0	0	0	0	3	3	0	0	0	0	0	0	3
18:00	1	0	0	0	0	0	0	1	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	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
P/TOT	22	4	0	0	0	0	0	26	18	4	0	0	0	0	0	22

MANUAL CLASSIFIED COUNTS

JOB REF: 24409

JOB NAME: WILLINGTON

SITE: 1 **DATE:** 09/07/2019

LOCATION: BARFORD ROAD / STATION ROAD / BEDFORD ROAD / WOOD LANE / SANDY ROAD **DAY:** TUESDAY

TIME	TO ARM E SANDY ROAD								FROM ARM E SANDY ROAD							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
07:00	146	30	5	10	0	2	0	193	139	37	5	4	0	2	0	187
07:15	124	35	5	3	0	2	0	169	154	27	6	3	1	2	0	193
07:30	130	34	7	7	0	2	0	180	156	22	7	4	0	0	0	189
07:45	93	17	8	5	2	0	1	126	141	30	7	3	2	1	1	185
H/TOT	493	116	25	25	2	6	1	668	590	116	25	14	3	5	1	754
08:00	95	25	4	8	0	2	0	134	153	28	10	4	1	1	0	197
08:15	87	29	9	10	0	0	0	135	150	24	6	12	1	0	0	193
08:30	100	26	4	9	1	0	0	140	154	21	5	3	0	1	0	184
08:45	87	23	6	11	0	1	0	128	99	23	3	4	3	0	0	132
H/TOT	369	103	23	38	1	3	0	537	556	96	24	23	5	2	0	706
09:00	78	17	5	3	2	0	0	105	91	21	6	2	1	0	0	121
09:15	75	24	4	10	0	0	0	113	97	31	5	2	1	0	0	136
09:30	63	17	5	4	1	0	0	90	79	17	3	4	0	0	0	103
09:45	66	14	9	6	0	0	0	95	95	27	4	4	0	1	0	131
H/TOT	282	72	23	23	3	0	0	403	362	96	18	12	2	1	0	491
P/TOT	1144	291	71	86	6	9	1	1608	1508	308	67	49	10	8	1	1951

MANUAL CLASSIFIED COUNTS

JOB REF: 24409

JOB NAME: WILLINGTON

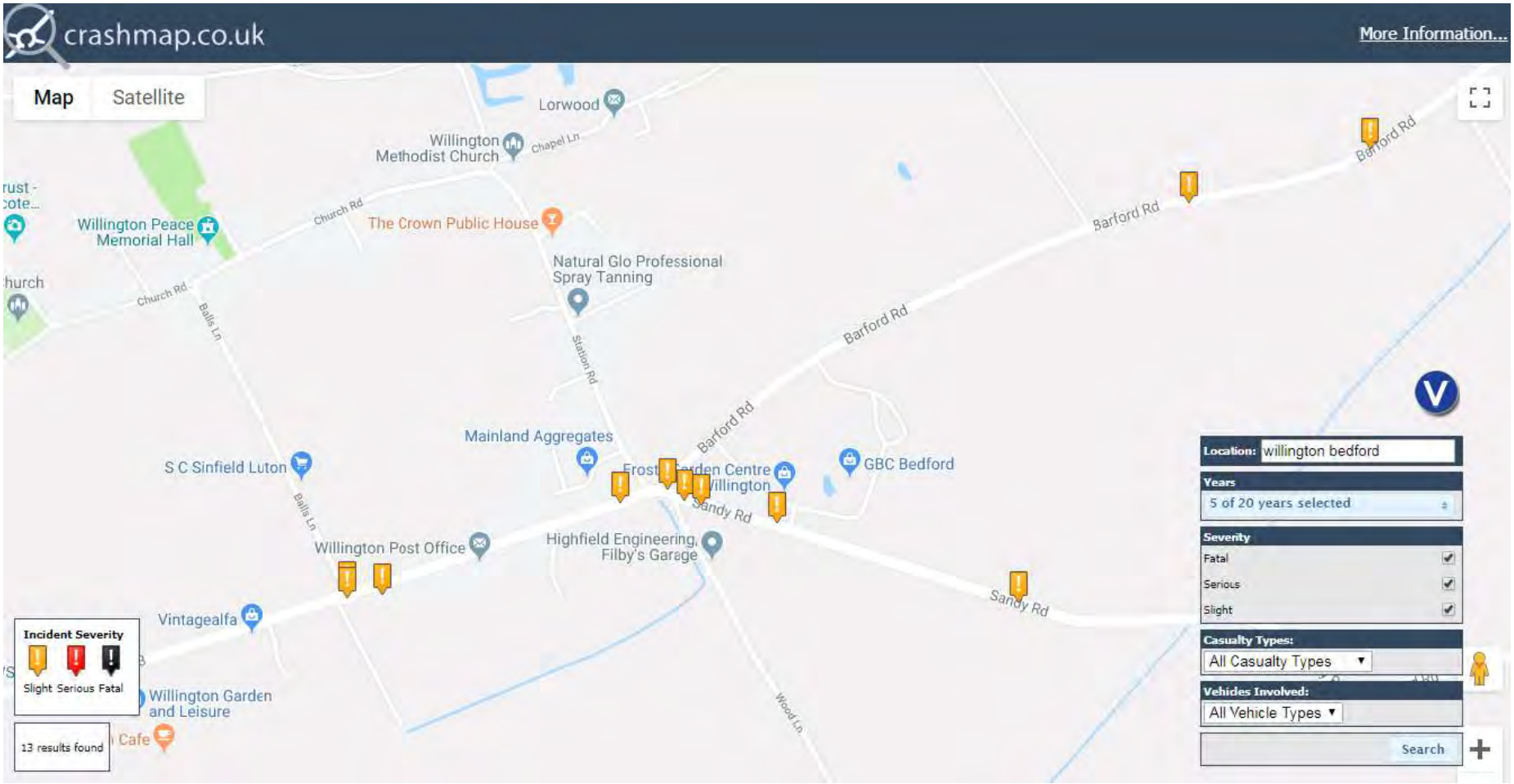
SITE: 1 **DATE:** 09/07/2019

LOCATION: BARFORD ROAD / STATION ROAD / BEDFORD ROAD / WOOD LANE / SANDY ROAD **DAY:** TUESDAY

TIME	TO ARM E SANDY ROAD								FROM ARM E SANDY ROAD							
	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT	CAR	LGV	OGV1	OGV2	PSV	MCL	PCL	TOT
14:00	78	15	4	6	1	1	0	105	75	19	10	4	1	0	0	109
14:15	82	17	7	3	0	0	0	109	68	15	8	7	0	1	0	99
14:30	78	24	6	7	1	0	0	116	74	20	8	2	0	1	0	105
14:45	115	16	6	16	0	1	0	154	61	13	8	10	0	0	0	92
H/TOT	353	72	23	32	2	2	0	484	278	67	34	23	1	2	0	405
15:00	124	30	3	6	1	0	0	164	52	16	6	3	1	0	0	78
15:15	103	17	3	12	0	1	0	136	91	20	13	9	0	1	0	134
15:30	105	24	5	5	0	0	0	139	86	24	3	8	1	0	0	122
15:45	113	22	3	5	2	1	0	146	100	30	11	1	0	3	0	145
H/TOT	445	93	14	28	3	2	0	585	329	90	33	21	2	4	0	479
16:00	107	27	5	6	0	0	0	145	88	36	2	1	2	0	0	129
16:15	110	18	1	3	1	0	0	133	127	38	8	5	0	1	0	179
16:30	134	23	5	2	0	0	0	164	127	31	6	2	2	1	0	169
16:45	132	25	4	3	3	0	0	167	106	21	2	2	0	1	0	132
H/TOT	483	93	15	14	4	0	0	609	448	126	18	10	4	3	0	609
17:00	167	20	4	2	1	1	0	195	148	20	6	3	0	0	0	177
17:15	152	19	2	1	0	1	0	175	150	22	6	5	1	0	1	185
17:30	121	12	3	3	1	0	0	140	154	15	2	2	0	1	0	174
17:45	145	11	0	3	0	0	0	159	109	24	1	6	1	1	0	142
H/TOT	585	62	9	9	2	2	0	669	561	81	15	16	2	2	1	678
18:00	106	10	2	2	1	2	0	123	148	16	2	0	0	0	1	167
18:15	110	17	1	3	0	0	0	131	140	12	0	2	1	2	6	163
18:30	83	13	3	4	1	0	0	104	94	10	2	1	0	0	0	107
18:45	78	14	1	3	0	0	0	96	101	16	3	5	1	0	0	126
H/TOT	377	54	7	12	2	2	0	454	483	54	7	8	2	2	7	563
P/TOT	2243	374	68	95	13	8	0	2801	2099	418	107	78	11	13	8	2734

Appendix B

Accident Data


crashmap.co.uk
More Information...
Map
Satellite
Lorwood
Willington Methodist Church
Chapel Ln
Willington Peace Memorial Hall
Church Rd
The Crown Public House
Natural Glo Professional Spray Tanning
Barford Rd
Station Rd
Balls Ln
Mainland Aggregates
S C Sinfield Luton
GBC Bedford
Sandy Rd
Willington Post Office
Highfield Engineering, Filby's Garage
Vintagealfa
Willington Garden and Leisure
Cafe
Wood Ln
Incident Severity
Slight Serious Fatal
13 results found
Location: willington bedford
Years
5 of 20 years selected
Severity
Fatal
Serious
Slight
Casualty Types:
All Casualty Types
Vehicles Involved:
All Vehicle Types
Search

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Crash Date:	Thursday, January 29, 2015	**Time of Crash:**	2:27:00 PM	**Crash Reference:**	**2015405BA0083**

Highest Injury Severity:	Slight	**Road Number:**	A603	**Number of Casualties:**	1
Highway Authority:	Bedford			**Number of Vehicles:**	2
Local Authority:	Bedford			**OS Grid Reference:**	511518 249671
Weather Description:	Snowing without high winds				
Road Surface Description:	Snow				
Speed Limit:	30				
Light Conditions:	Daylight: regardless of presence of streetlights				
Carriageway Hazards:	None				
Junction Detail:	T or staggered junction				
Junction Pedestrian Crossing:	No physical crossing facility within 50 metres				
Road Type:	Single carriageway				
Junction Control:	Give way or uncontrolled				

For more information about the data please visit: *www.crashmap.co.uk/home/Faq*
To subscribe to unlimited reports using CrashMap Pro visit *www.crashmap.co.uk/Home/Premium_Services*

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Vehicles involved

Vehicle Ref	Vehicle Type	Vehicle Age	Driver Gender	Driver Age Band	Vehicle Maneouvre	First Point of Impact	Journey Purpose	Hit Object - On Carriageway	Hit Object - Off Carriageway
2	Car (excluding private hire)	9	[redacted]	[redacted]	Vehicle is waiting to turn right	Offside	Other	None	None
1	Car (excluding private hire)	7	[redacted]	[redacted]	Vehicle proceeding normally along the carriageway, on a right hand bend	Front	Other	None	None

Casualties

Vehicle Ref	Casualty Ref	Injury Severity	Casualty Class	Gender	Age Band	Pedestrian Location	Pedestrian Movement
2	1	Slight	Driver or rider	Male	26 - 35	Unknown or other	Unknown or other

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Crash Date:	Friday, November 13, 2015	**Time of Crash:**	8:50:00 AM	**Crash Reference:**	**2015405BA1078**

Highest Injury Severity:	Slight	**Road Number:**	A603	**Number of Casualties:**	1
Highway Authority:	Bedford			**Number of Vehicles:**	2
Local Authority:	Bedford			**OS Grid Reference:**	511565 249652
Weather Description:	Fine without high winds				
Road Surface Description:	Dry				
Speed Limit:	30				
Light Conditions:	Daylight: regardless of presence of streetlights				
Carriageway Hazards:	None				
Junction Detail:	Not at or within 20 metres of junction				
Junction Pedestrian Crossing:	No physical crossing facility within 50 metres				
Road Type:	Single carriageway				
Junction Control:	Not Applicable				

For more information about the data please visit: *www.crashmap.co.uk/home/Faq*
To subscribe to unlimited reports using CrashMap Pro visit *www.crashmap.co.uk/Home/Premium_Services*

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Vehicles involved

Vehicle Ref	Vehicle Type	Vehicle Age	Driver Gender	Driver Age Band	Vehicle Maneouvre	First Point of Impact	Journey Purpose	Hit Object - On Carriageway	Hit Object - Off Carriageway
2	Car (excluding private hire)	12	[redacted]	[redacted]	Vehicle is slowing down or stopping	Back	Other	None	None
1	Car (excluding private hire)	-1			Vehicle proceeding normally along the carriageway, not on a bend	Front	Other	None	None

Casualties

Vehicle Ref	Casualty Ref	Injury Severity	Casualty Class	Gender	Age Band	Pedestrian Location	Pedestrian Movement
2	1	Slight	Driver or rider	Female	21 - 25	Unknown or other	Unknown or other

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Crash Date:	Tuesday, November 29, 2016	**Time of Crash:**	10:20:00 AM	**Crash Reference:**	**2016400136703**

Highest Injury Severity:	Slight	**Road Number:**	A603	**Number of Casualties:**	3
Highway Authority:	Bedford			**Number of Vehicles:**	4
Local Authority:	Bedford Borough			**OS Grid Reference:**	511542 249657
Weather Description:	Fine without high winds				
Road Surface Description:	Dry				
Speed Limit:	30				
Light Conditions:	Daylight: regardless of presence of streetlights				
Carriageway Hazards:	None				
Junction Detail:	T or staggered junction				
Junction Pedestrian Crossing:	No physical crossing facility within 50 metres				
Road Type:	Single carriageway				
Junction Control:	Give way or uncontrolled				

For more information about the data please visit: *www.crashmap.co.uk/home/Faq*
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Vehicles involved

Vehicle Ref	Vehicle Type	Vehicle Age	Driver Gender	Driver Age Band	Vehicle Maneouvre	First Point of Impact	Journey Purpose	Hit Object - On Carriageway	Hit Object - Off Carriageway
1	Van or goods vehicle 3.5 tonnes mgw and under	3	[redacted]		Vehicle is slowing down or stopping	Back	Journey as part of work	None	None
4	Car (excluding private hire)	13			Vehicle proceeding normally along the carriageway, not on a bend	Front	Commuting to/from work	None	None
3	Car (excluding private hire)	8			Vehicle proceeding normally along the carriageway, not on a bend	Front	Other	None	None
2	Car (excluding private hire)	4			Vehicle proceeding normally along the carriageway, not on a bend	Front	Other	None	None

Casualties

Vehicle Ref	Casualty Ref	Injury Severity	Casualty Class	Gender	Age Band	Pedestrian Location	Pedestrian Movement
1	1	Slight	Driver or rider	Male	26 - 35	Unknown or other	Unknown or other
2	2	Slight	Driver or rider	Male	36 - 45	Unknown or other	Unknown or other
3	3	Slight	Driver or rider	Female	26 - 35	Unknown or other	Unknown or other

crashmap.co.uk

Crash Date:	Monday, December 05, 2016	**Time of Crash:**	2:35:00 PM	**Crash Reference:**	**2016400138899**

Highest Injury Severity:	Slight	**Road Number:**	A603	**Number of Casualties:**	4
Highway Authority:	Bedford			**Number of Vehicles:**	4
Local Authority:	Bedford Borough			**OS Grid Reference:**	511457 249652
Weather Description:	Fine without high winds				
Road Surface Description:	Wet or Damp				
Speed Limit:	30				
Light Conditions:	Daylight: regardless of presence of streetlights				
Carriageway Hazards:	None				
Junction Detail:	Not at or within 20 metres of junction				
Junction Pedestrian Crossing:	No physical crossing facility within 50 metres				
Road Type:	Single carriageway				
Junction Control:	Not Applicable				

For more information about the data please visit: *www.crashmap.co.uk/home/Faq*
To subscribe to unlimited reports using CrashMap Pro visit *www.crashmap.co.uk/Home/Premium_Services*

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Vehicles involved

Vehicle Ref	Vehicle Type	Vehicle Age	Driver Gender	Driver Age Band	Vehicle Maneouvre	First Point of Impact	Journey Purpose	Hit Object - On Carriageway	Hit Object - Off Carriageway
4	Car (excluding private hire)	-1	[redacted]		Vehicle is slowing down or stopping	Back	Other	None	None
2	Car (excluding private hire)	-1			Vehicle is slowing down or stopping	Back	Other	None	None
3	Car (excluding private hire)	-1			Vehicle is slowing down or stopping	Back	Other	None	None
1	Car (excluding private hire)	-1			Vehicle proceeding normally along the carriageway, not on a bend	Front	Other	None	None

Casualties

Vehicle Ref	Casualty Ref	Injury Severity	Casualty Class	Gender	Age Band	Pedestrian Location	Pedestrian Movement
1	1	Slight	Driver or rider	Female	36 - 45	Unknown or other	Unknown or other
3	2	Slight	Driver or rider	Male	16 - 20	Unknown or other	Unknown or other
3	4	Slight	Vehicle or pillion passenger	Female	16 - 20	Unknown or other	Unknown or other
4	3	Slight	Driver or rider	Female	21 - 25	Unknown or other	Unknown or other

Appendix C

Emerging Masterplan

Rev.	Description	Date
S1	Issued for comments	29|10|2019
S2	Issued for comments	12|11|2019
S3	Issued for comments	20|11|2019

Scale Bar
10 20 30 40 50 60 70 80 90 100
1:1250

NORTH

mba*

Project | Barford Road
Willington | MK44 3QP
Clarendon Land & Development
Commercial Residential

Drawing | Proposed Site Plan
General Arrangements

Paper | A3 Scale | 1:1250 Coordinated | CFG Ref. | 1168 Number | 102 Rev. | S3

northampton
london

mba | northampton
Croft House | Sywell Manor
Strixton | Northamptonshire | NN29 7PA
northampton@matchboxarchitects.co.uk [01933] 698 001

mba | london
Eastside | Kings Cross
London | N1C 4AX
london@matchboxarchitects.co.uk [0203] 745 8018

Appendix D

MfS Visibility Calculations and Weather Report

T19568
Barford Road, Willington

MfS Visibility Calculation

ABOVE 60 KPH DESIGN/MEASURED SPEED
Para 10.1.5 MfS2

East

Calculation Params			Speed Survey Result
v	20.75005		46.68761 mph
t	2		
d	2.45		
a	0	(gradient)	

SSD = 129.4 m **Vis required = 132 m**

West

Calculation Params			Speed Survey Result
v	16.44096		36 99217 mph
t	2		
d	3.68		
a	0	(gradient)	

SSD = 69.6 m **Vis required = 72 m**

Note 1 Above 60kph calculation shows ABSOLUTE MINIMUM SSD
Note 2 For DESIRABLE MINIMUM SSD, change 'd' value to 2.45

Graph | **Table**

July 1, 2019 - July 31, 2019

	Temperature			Dew Point			Humidity			Speed			Pressure		Precip. Accum.
Date	High	Avg	Low	High	Avg	Low	High	Avg	Low	High	Avg	Low	High	Low	Sum
7/1/2019	71.8 °F	63.5 °F	54.5 °F	53.9 °F	49.2 °F	44.9 °F	86 %	61 %	42 %	4.3 mph	2.2 mph	0.1 mph	30.24 in	30.02 in	0.00 in
7/2/2019	73.8 °F	61.5 °F	49.6 °F	50.7 °F	46.2 °F	43.1 °F	84 %	60 %	36 %	4.3 mph	1.1 mph	0.0 mph	30.30 in	30.23 in	0.00 in
7/6/2019	70.3 °F	63.7 °F	55.9 °F	57.3 °F	54.4 °F	50.5 °F	86 %	72 %	57 %	3.9 mph	0.9 mph	0.0 mph	29.98 in	29.92 in	0.00 in
7/7/2019	74.5 °F	63.3 °F	54.9 °F	54.3 °F	47.9 °F	41.8 °F	88 %	60 %	33 %	5.1 mph	2.0 mph	0.1 mph	30.11 in	29.97 in	0.00 in
7/8/2019	75.6 °F	63.0 °F	51.8 °F	51.5 °F	48.5 °F	45.5 °F	82 %	61 %	40 %	4.4 mph	1.7 mph	0.0 mph	30.19 in	30.10 in	0.00 in
7/9/2019	76.1 °F	64.4 °F	57.9 °F	57.4 °F	52.4 °F	48.5 °F	76 %	66 %	46 %	3.9 mph	1.1 mph	0.0 mph	30.18 in	29.78 in	0.00 in
7/11/2019	81.3 °F	71.5 °F	61.7 °F	57.9 °F	56.1 °F	53.7 °F	79 %	60 %	39 %	4.4 mph	1.3 mph	0.0 mph	29.85 in	29.58 in	0.01 in
7/12/2019	78.3 °F	68.6 °F	58.5 °F	58.3 °F	54.6 °F	50.9 °F	86 %	63 %	41 %	4.6 mph	1.9 mph	0.0 mph	30.04 in	29.80 in	0.01 in
7/15/2019	73.0 °F	60.0 °F	48.7 °F	51.7 °F	49.5 °F	45.9 °F	91 %	70 %	43 %	4.3 mph	1.1 mph	0.0 mph	30.17 in	30.07 in	0.00 in
7/16/2019	87.3 °F	68.2 °F	47.3 °F	55.6 °F	49.8 °F	44.5 °F	91 %	57 %	24 %	4.0 mph	0.9 mph	0.0 mph	30.08 in	29.93 in	0.00 in
7/19/2019	66.6 °F	61.1 °F	54.3 °F	62.0 °F	55.7 °F	48.0 °F	93 %	83 %	70 %	8.8 mph	3.4 mph	0.0 mph	29.83 in	29.65 in	0.19 in
7/21/2019	77.0 °F	66.3 °F	52.2 °F	55.1 °F	52.4 °F	48.4 °F	88 %	63 %	41 %	5.8 mph	2.4 mph	0.0 mph	30.07 in	29.90 in	0.00 in
7/22/2019	86.0 °F	73.1 °F	60.6 °F	61.7 °F	58.7 °F	52.3 °F	83 %	63 %	42 %	6.5 mph	3.1 mph	0.0 mph	30.08 in	30.02 in	0.00 in
7/23/2019	93.9 °F	77.3 °F	57.9 °F	65.5 °F	57.8 °F	54.3 °F	89 %	56 %	29 %	7.6 mph	2.2 mph	0.0 mph	30.08 in	29.82 in	0.00 in
7/25/2019	100.9 °F	83.3 °F	62.1 °F	64.5 °F	57.5 °F	38.7 °F	80 %	46 %	12 %	10.2 mph	2.9 mph	0.0 mph	29.89 in	29.67 in	0.00 in

Appendix E

TRICS Output

Filtering Summary

Land Use	03/A	RESIDENTIAL/HOUSES PRIVATELY OWNED
Selected Trip Rate Calculation Parameter Range	0-100 DWELLS	
Actual Trip Rate Calculation Parameter Range	6-98 DWELLS	
Date Range	Minimum: 01/01/11	Maximum: 20/11/18
Parking Spaces Range	All Surveys Included	
Percentage of dwellings privately owned:	All Surveys Included	
Days of the week selected	Monday	9
	Tuesday	6
	Wednesday	6
	Thursday	4
	Friday	4
Main Location Types selected	Suburban Area (PPS6 Out of Centre)	21
	Neighbourhood Centre (PPS6 Local Centre)	8
Population <1 Mile ranges selected	1,000 or Less	1
	1,001 to 5,000	3
	5,001 to 10,000	6
	10,001 to 15,000	3
	15,001 to 20,000	6
	20,001 to 25,000	3
	25,001 to 50,000	6
	50,001 to 100,000	1
Population <5 Mile ranges selected	5,001 to 25,000	2
	25,001 to 50,000	2
	50,001 to 75,000	3
	75,001 to 100,000	5
	100,001 to 125,000	1
	125,001 to 250,000	10
	250,001 to 500,000	5
	500,001 or More	1
Car Ownership <5 Mile ranges selected	0.6 to 1.0	10
	1.1 to 1.5	18
	1.6 to 2.0	1
PTAL Rating	No PTAL Present	28
	2 Poor	1

Calculation Reference: AUDIT-141301-190709-0711

TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use : 03 - RESIDENTIAL
Category : A - HOUSES PRIVATELY OWNED

VEHICLES

Selected regions and areas:

01	**GREATER LONDON**		
	BN	BARNET	1 days
02	**SOUTH EAST**		
	HC	HAMPSHIRE	1 days
	KC	KENT	2 days
	WS	WEST SUSSEX	1 days
03	**SOUTH WEST**		
	DV	DEVON	2 days
	WL	WILTSHIRE	1 days
04	**EAST ANGLIA**		
	CA	CAMBRIDGESHIRE	2 days
	NF	NORFOLK	1 days
	SF	SUFFOLK	1 days
05	**EAST MIDLANDS**		
	LE	LEICESTERSHIRE	1 days
	LN	LINCOLNSHIRE	1 days
06	**WEST MIDLANDS**		
	WK	WARWICKSHIRE	1 days
	WM	WEST MIDLANDS	1 days
07	**YORKSHIRE & NORTH LINCOLNSHIRE**		
	NY	NORTH YORKSHIRE	3 days
	SY	SOUTH YORKSHIRE	1 days
	WY	WEST YORKSHIRE	1 days
08	**NORTH WEST**		
	CH	CHESHIRE	1 days
	GM	GREATER MANCHESTER	1 days
09	**NORTH**		
	DH	DURHAM	1 days
	TW	TYNE & WEAR	2 days
10	**WALES**		
	PS	POWYS	1 days
11	**SCOTLAND**		
	FA	FALKIRK	1 days
	HI	HIGHLAND	1 days

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

Secondary Filtering selection:

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

Parameter:	Number of dwellings
Actual Range:	6 to 98 (units:)
Range Selected by User:	0 to 100 (units:)

Parking Spaces Range: All Surveys Included

Percentage of dwellings privately owned: All Surveys Included

Public Transport Provision:
Selection by: Include all surveys

Date Range: 01/01/11 to 20/11/18

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

Selected survey days:

Monday	9 days
Tuesday	6 days
Wednesday	6 days
Thursday	4 days
Friday	4 days

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

Selected survey types:

Manual count	29 days
Directional ATC Count	0 days

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

Selected Locations:

Suburban Area (PPS6 Out of Centre)	21
Neighbourhood Centre (PPS6 Local Centre)	8

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

Selected Location Sub Categories:

Residential Zone	25
Village	4

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

Secondary Filtering selection:

Use Class:

C3	29 days

This data displays the number of surveys per Use Class classification within the selected set. The Use Classes Order 2005 has been used for this purpose, which can be found within the Library module of TRICS®.

Population within 1 mile:

1,000 or Less	1 days
1,001 to 5,000	3 days
5,001 to 10,000	6 days
10,001 to 15,000	3 days
15,001 to 20,000	6 days
20,001 to 25,000	3 days
25,001 to 50,000	6 days
50,001 to 100,000	1 days

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

Secondary Filtering selection (Cont.):

Population within 5 miles:

5,001 to 25,000	2 days
25,001 to 50,000	2 days
50,001 to 75,000	3 days
75,001 to 100,000	5 days
100,001 to 125,000	1 days
125,001 to 250,000	10 days
250,001 to 500,000	5 days
500,001 or More	1 days

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

Car ownership within 5 miles:

0.6 to 1.0	10 days
1.1 to 1.5	18 days
1.6 to 2.0	1 days

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

Travel Plan:

Yes	3 days
No	26 days

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

PTAL Rating:

No PTAL Present	28 days
2 Poor	1 days

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

LIST OF SITES relevant to selection parameters

1 **BN-03-A-02** **MIXED HOUSES** **BARNET**
SWEETS WAY
WHETSTONE

Neighbourhood Centre (PPS6 Local Centre)
Residential Zone
Total Number of dwellings: 21
Survey date: TUESDAY *03/07/18* *Survey Type: MANUAL*

2 **CA-03-A-04** **DETACHED** **CAMBRIDGESHIRE**

PETERBOROUGH
THORPE PARK ROAD
Suburban Area (PPS6 Out of Centre)
Residential Zone
Total Number of dwellings: 9
Survey date: TUESDAY *18/10/11* *Survey Type: MANUAL*

3 **CA-03-A-05** **DETACHED HOUSES** **CAMBRIDGESHIRE**
EASTFIELD ROAD
PETERBOROUGH

Suburban Area (PPS6 Out of Centre)
Residential Zone
Total Number of dwellings: 28
Survey date: MONDAY *17/10/16* *Survey Type: MANUAL*

4 **CH-03-A-08** **DETACHED** **CHESHIRE**
WHITCHURCH ROAD
CHESTER
BOUGHTON HEATH
Suburban Area (PPS6 Out of Centre)
Residential Zone
Total Number of dwellings: 11
Survey date: TUESDAY *22/05/12* *Survey Type: MANUAL*

5 **DH-03-A-01** **SEMI DETACHED** **DURHAM**
GREENFIELDS ROAD
BISHOP AUCKLAND

Suburban Area (PPS6 Out of Centre)
Residential Zone
Total Number of dwellings: 50
Survey date: TUESDAY *28/03/17* *Survey Type: MANUAL*

6 **DV-03-A-01** **TERRACED HOUSES** **DEVON**
BRONSHILL ROAD
TORQUAY

Suburban Area (PPS6 Out of Centre)
Residential Zone
Total Number of dwellings: 37
Survey date: WEDNESDAY *30/09/15* *Survey Type: MANUAL*

7 **DV-03-A-03** **TERRACED & SEMI DETACHED** **DEVON**
LOWER BRAND LANE
HONITON

Suburban Area (PPS6 Out of Centre)
Residential Zone
Total Number of dwellings: 70
Survey date: MONDAY *28/09/15* *Survey Type: MANUAL*

8 **FA-03-A-01** **SEMI-DETACHED/TERRACED** **FALKIRK**
MANDELA AVENUE
FALKIRK

Suburban Area (PPS6 Out of Centre)
Residential Zone
Total Number of dwellings: 37
Survey date: THURSDAY *30/05/13* *Survey Type: MANUAL*

9 **GM-03-A-11** **TERRACED & SEMI-DETACHED** **GREATER MANCHESTER**
RUSHFORD STREET
MANCHESTER
LEVENSHULME
Neighbourhood Centre (PPS6 Local Centre)
Residential Zone
Total Number of dwellings: 37
Survey date: MONDAY *26/09/16* *Survey Type: MANUAL*

LIST OF SITES relevant to selection parameters (Cont.)

10 **HC-03-A-20** **HOUSES & FLATS** **HAMPSHIRE**
CANADA WAY
LIPHOOK

Suburban Area (PPS6 Out of Centre)
Residential Zone
Total Number of dwellings: 62
Survey date: TUESDAY *20/11/18* *Survey Type: MANUAL*

11 **HI-03-A-14** **SEMI-DETACHED & TERRACED** **HIGHLAND**
KING BRUDE ROAD
INVERNESS
SCORGUIE
Suburban Area (PPS6 Out of Centre)
Residential Zone
Total Number of dwellings: 40
Survey date: WEDNESDAY *23/03/16* *Survey Type: MANUAL*

12 **KC-03-A-03** **MIXED HOUSES & FLATS** **KENT**
HYTHE ROAD
ASHFORD
WILLESBOROUGH
Suburban Area (PPS6 Out of Centre)
Residential Zone
Total Number of dwellings: 51
Survey date: THURSDAY *14/07/16* *Survey Type: MANUAL*

13 **KC-03-A-05** **DETACHED & SEMI-DETACHED** **KENT**
ROCHESTER ROAD
NEAR CHATHAM
BURHAM
Neighbourhood Centre (PPS6 Local Centre)
Village
Total Number of dwellings: 8
Survey date: FRIDAY *22/09/17* *Survey Type: MANUAL*

14 **LE-03-A-02** **DETACHED & OTHERS** **LEICESTERSHIRE**
MELBOURNE ROAD
IBSTOCK

Neighbourhood Centre (PPS6 Local Centre)
Village
Total Number of dwellings: 85
Survey date: THURSDAY *28/06/18* *Survey Type: MANUAL*

15 **LN-03-A-03** **SEMI DETACHED** **LINCOLNSHIRE**
ROOKERY LANE
LINCOLN
BOULTHAM
Suburban Area (PPS6 Out of Centre)
Residential Zone
Total Number of dwellings: 22
Survey date: TUESDAY *18/09/12* *Survey Type: MANUAL*

16 **NF-03-A-02** **HOUSES & FLATS** **NORFOLK**
DEREHAM ROAD
NORWICH

Suburban Area (PPS6 Out of Centre)
Residential Zone
Total Number of dwellings: 98
Survey date: MONDAY *22/10/12* *Survey Type: MANUAL*

17 **NY-03-A-08** **TERRACED HOUSES** **NORTH YORKSHIRE**
NICHOLAS STREET
YORK

Suburban Area (PPS6 Out of Centre)
Residential Zone
Total Number of dwellings: 21
Survey date: MONDAY *16/09/13* *Survey Type: MANUAL*

18 **NY-03-A-09** **MIXED HOUSING** **NORTH YORKSHIRE**
GRAMMAR SCHOOL LANE
NORTHALLERTON

Suburban Area (PPS6 Out of Centre)
Residential Zone
Total Number of dwellings: 52
Survey date: MONDAY *16/09/13* *Survey Type: MANUAL*

LIST OF SITES relevant to selection parameters (Cont.)

19 **NY-03-A-13** **TERRACED HOUSES** **NORTH YORKSHIRE**
CATTERICK ROAD
CATTERICK GARRISON
OLD HOSPITAL COMPOUND
Suburban Area (PPS6 Out of Centre)
Residential Zone
Total Number of dwellings: 10
Survey date: WEDNESDAY *10/05/17* *Survey Type: MANUAL*

20 **PS-03-A-02** **DETACHED/SEMI-DETACHED** **POWYS**
GUNROG ROAD
WELSHPOOL

Suburban Area (PPS6 Out of Centre)
Residential Zone
Total Number of dwellings: 28
Survey date: MONDAY *11/05/15* *Survey Type: MANUAL*

21 **SF-03-A-06** **DETACHED & SEMI-DETACHED** **SUFFOLK**
BURY ROAD
KENTFORD

Neighbourhood Centre (PPS6 Local Centre)
Village
Total Number of dwellings: 38
Survey date: FRIDAY *22/09/17* *Survey Type: MANUAL*

22 **SY-03-A-01** **SEMI DETACHED HOUSES** **SOUTH YORKSHIRE**
A19 BENTLEY ROAD
DONCASTER
BENTLEY RISE
Suburban Area (PPS6 Out of Centre)
Residential Zone
Total Number of dwellings: 54
Survey date: WEDNESDAY *18/09/13* *Survey Type: MANUAL*

23 **TW-03-A-02** **SEMI-DETACHED** **TYNE & WEAR**
WEST PARK ROAD
GATESHEAD

Suburban Area (PPS6 Out of Centre)
Residential Zone
Total Number of dwellings: 16
Survey date: MONDAY *07/10/13* *Survey Type: MANUAL*

24 **TW-03-A-03** **MIXED HOUSES** **TYNE & WEAR**
STATION ROAD
NEAR NEWCASTLE
BACKWORTH
Neighbourhood Centre (PPS6 Local Centre)
Village
Total Number of dwellings: 33
Survey date: FRIDAY *13/11/15* *Survey Type: MANUAL*

25 **WK-03-A-01** **TERRACED/SEMI/DET.** **WARWICKSHIRE**
ARLINGTON AVENUE
LEAMINGTON SPA

Suburban Area (PPS6 Out of Centre)
Residential Zone
Total Number of dwellings: 6
Survey date: FRIDAY *21/10/11* *Survey Type: MANUAL*

26 **WL-03-A-02** **SEMI DETACHED** **WILTSHIRE**
HEADLANDS GROVE
SWINDON

Suburban Area (PPS6 Out of Centre)
Residential Zone
Total Number of dwellings: 27
Survey date: THURSDAY *22/09/16* *Survey Type: MANUAL*

LIST OF SITES relevant to selection parameters (Cont.)

27 **WM-03-A-04** **TERRACED HOUSES** **WEST MIDLANDS**
OSBORNE ROAD
COVENTRY
EARLSDON
Neighbourhood Centre (PPS6 Local Centre)
Residential Zone
Total Number of dwellings: 39
Survey date: MONDAY *21/11/16* *Survey Type: MANUAL*

28 **WS-03-A-05** **TERRACED & FLATS** **WEST SUSSEX**
UPPER SHOREHAM ROAD
SHOREHAM BY SEA

Suburban Area (PPS6 Out of Centre)
Residential Zone
Total Number of dwellings: 48
Survey date: WEDNESDAY *18/04/12* *Survey Type: MANUAL*

29 **WY-03-A-01** **MIXED HOUSING** **WEST YORKSHIRE**
SPRING VALLEY CRESCENT
LEEDS
BRAMLEY
Neighbourhood Centre (PPS6 Local Centre)
Residential Zone
Total Number of dwellings: 46
Survey date: WEDNESDAY *21/09/16* *Survey Type: MANUAL*

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

MANUALLY DESELECTED SITES

Site Ref	Reason for Deselection
AG-03-A-01	bungalows
MS-03-A-03	Less Suitable Site
NF-03-A-01	bungalows
PK-03-A-01	bungalows
SF-03-A-04	bungalows
WS-03-A-07	bungalows

TRIP RATE for Land Use 03 - RESIDENTIAL/A - HOUSES PRIVATELY OWNED

VEHICLES

Calculation factor: 1 DWELLS

BOLD print indicates peak (busiest) period

	ARRIVALS			DEPARTURES			TOTALS		
Time Range	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate
00:00 - 01:00									
01:00 - 02:00									
02:00 - 03:00									
03:00 - 04:00									
04:00 - 05:00									
05:00 - 06:00									
06:00 - 07:00									
07:00 - 08:00	29	37	0.060	29	37	0.276	29	37	0.336
08:00 - 09:00	29	37	0.132	**29**	**37**	**0.366**	29	37	0.498
09:00 - 10:00	29	37	0.142	29	37	0.161	29	37	0.303
10:00 - 11:00	29	37	0.113	29	37	0.141	29	37	0.254
11:00 - 12:00	29	37	0.148	29	37	0.142	29	37	0.290
12:00 - 13:00	29	37	0.158	29	37	0.150	29	37	0.308
13:00 - 14:00	29	37	0.161	29	37	0.169	29	37	0.330
14:00 - 15:00	29	37	0.147	29	37	0.171	29	37	0.318
15:00 - 16:00	29	37	0.229	29	37	0.173	29	37	0.402
16:00 - 17:00	29	37	0.273	29	37	0.168	29	37	0.441
17:00 - 18:00	**29**	**37**	**0.301**	29	37	0.151	29	37	0.452
18:00 - 19:00	29	37	0.227	29	37	0.156	29	37	0.383
19:00 - 20:00	1	21	0.286	1	21	0.048	1	21	0.334
20:00 - 21:00	1	21	0.238	1	21	0.286	**1**	**21**	**0.524**
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			2.615			2.558			5.173

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

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

Parameter summary

Trip rate parameter range selected:	6 - 98 (units:)
Survey date date range:	01/01/11 - 20/11/18
Number of weekdays (Monday-Friday):	29
Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	3
Surveys manually removed from selection:	6

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

Appendix F

Journey to Work 2011 Census Data

WU03EW - Location of usual residence and place of work by method of travel to work (MSOA level)

population	All usual residents aged 16 and over in employment the week before the census
units	Persons
date	2011
method of travel to work	Driving a car or van

place of work	usual E02003619 : Bedford 004	Direction
E02003627 : Bedford 012	233	West on Barford Rd, West on Bedford Rd
E02003619 : Bedford 004	185	East on Barford Rd
E02003630 : Bedford 015	178	West on Barford Rd, West on Bedford Rd
E02003629 : Bedford 014	155	West on Barford Rd, West on Bedford Rd
E02003625 : Bedford 010	139	West on Barford Rd, West on Bedford Rd
E02003633 : Bedford 018	139	West on Barford Rd, West on Bedford Rd
E02003622 : Bedford 007	57	50% East on Barford Rd
	57	50% West on Barford Rd, West on Bedford Rd
E02003626 : Bedford 011	36	50% East on Barford Rd
	36	50% West on Barford Rd, West on Bedford Rd
North Hertfordshire	67	East on Barford Rd
E02003616 : Bedford 001	66	East on Barford Rd
E02003624 : Bedford 009	61	West on Barford Rd, West on Bedford Rd
E02003774 : Huntingdonshire 022	61	East on Barford Rd
South Cambridgeshire	58	West on Barford Rd, East on Sandy Rd
E02003602 : Central Bedfordshire 004	57	West on Barford Rd, East on Sandy Rd
E02003600 : Central Bedfordshire 002	49	West on Barford Rd, East on Sandy Rd
Cambridge	25	50% East on Barford Rd
	25	50% West on Barford Rd, East on Sandy Rd
E02003605 : Central Bedfordshire 007	48	West on Barford Rd, West on Bedford Rd
Stevenage	48	West on Barford Rd, East on Sandy Rd
E02003610 : Central Bedfordshire 012	47	West on Barford Rd, West on Bedford Rd
E02003472 : Milton Keynes 014	47	West on Barford Rd, West on Bedford Rd
E02003618 : Bedford 003	46	West on Barford Rd, West on Bedford Rd
E02003634 : Bedford 019	45	West on Barford Rd, West on Bedford Rd
E02003603 : Central Bedfordshire 005	38	West on Barford Rd, East on Sandy Rd
E02003609 : Central Bedfordshire 011	18	50% West on Barford Rd, West on Bedford Rd
	18	50% West on Barford Rd, East on Sandy Rd
Welwyn Hatfield	33	West on Barford Rd, East on Sandy Rd
E02003604 : Central Bedfordshire 006	32	West on Barford Rd, East on Sandy Rd
E02003620 : Bedford 005	16	50% West on Barford Rd, West on Bedford Rd
	16	50% East on Barford Rd
E02003767 : Huntingdonshire 015	31	East on Barford Rd
E02003632 : Bedford 017	30	West on Barford Rd, West on Bedford Rd
E02003764 : Huntingdonshire 012	28	East on Barford Rd
E02003771 : Huntingdonshire 019	28	East on Barford Rd
E02003631 : Bedford 016	27	West on Barford Rd, West on Bedford Rd
E02003762 : Huntingdonshire 010	27	East on Barford Rd
E02003773 : Huntingdonshire 021	27	East on Barford Rd
E02003475 : Milton Keynes 017	25	West on Barford Rd, West on Bedford Rd
Peterborough	25	East on Barford Rd
E02003601 : Central Bedfordshire 003	12	50% East on Barford Rd
	12	50% West on Barford Rd, East on Sandy Rd
Northampton	23	West on Barford Rd, West on Bedford Rd
E02003611 : Central Bedfordshire 013	11	50% West on Barford Rd, West on Bedford Rd
	11	50% West on Barford Rd, East on Sandy Rd
E02003623 : Bedford 008	20	West on Barford Rd, West on Bedford Rd
E02003275 : Luton 018	19	West on Barford Rd, West on Bedford Rd
E02003606 : Central Bedfordshire 008	18	West on Barford Rd, West on Bedford Rd
E02003278 : Luton 021	18	West on Barford Rd, West on Bedford Rd
E02003481 : Milton Keynes 023	18	West on Barford Rd, West on Bedford Rd
East Northamptonshire	8	50% East on Barford Rd
	8	50% West on Barford Rd, West on Bedford Rd
E02003621 : Bedford 006	8	50% West on Barford Rd, West on Bedford Rd
	8	50% East on Barford Rd
E02003617 : Bedford 002	14	West on Barford Rd, West on Bedford Rd
E02003635 : Bedford 020	14	West on Barford Rd, West on Bedford Rd
E02003599 : Central Bedfordshire 001	14	West on Barford Rd, East on Sandy Rd
E02003769 : Huntingdonshire 017	14	East on Barford Rd
E02003271 : Luton 014	7	50% - West on Barford Rd, West on Bedford Rd
	7	50% West on Barford Rd, East on Sandy Rd
E02003607 : Central Bedfordshire 009	12	West on Barford Rd, West on Bedford Rd
Wellingborough	12	West on Barford Rd, West on Bedford Rd
E02003628 : Bedford 013	11	West on Barford Rd, West on Bedford Rd
E02003760 : Huntingdonshire 008	11	East on Barford Rd
E02003770 : Huntingdonshire 018	11	East on Barford Rd
E02003459 : Milton Keynes 001	11	West on Barford Rd, West on Bedford Rd
East Hertfordshire	11	West on Barford Rd, East on Sandy Rd
St Albans	5	50% - West on Barford Rd, West on Bedford Rd
	5	50% West on Barford Rd, East on Sandy Rd
Kettering	5	50% East on Barford Rd
	5	50% West on Barford Rd, West on Bedford Rd
E02003608 : Central Bedfordshire 010	5	50% West on Barford Rd, West on Bedford Rd
	5	50% West on Barford Rd, East on Sandy Rd
E02003259 : Luton 002	9	West on Barford Rd, West on Bedford Rd
Westminster,City of London	5	50% West on Barford Rd, West on Bedford Rd
	5	50% West on Barford Rd, East on Sandy Rd
E02003615 : Central Bedfordshire 017	8	West on Barford Rd, West on Bedford Rd
E02003636 : Central Bedfordshire 018	8	West on Barford Rd, West on Bedford Rd
E02003772 : Huntingdonshire 020	8	East on Barford Rd
E02003465 : Milton Keynes 007	8	West on Barford Rd, West on Bedford Rd
Hillingdon	4	50% West on Barford Rd, West on Bedford Rd
	4	50% West on Barford Rd, East on Sandy Rd
E02003647 : Central Bedfordshire 029	7	West on Barford Rd, West on Bedford Rd
Broxbourne	7	West on Barford Rd, East on Sandy Rd
Barnet	7	West on Barford Rd, East on Sandy Rd

West	2,205	74%
East	781	26%

West on Barford Rd, West on Bedford Rd	1,746	58%
East on Barford Rd	781	26%
West on Barford Rd, East on Sandy Rd	459	15%

E02003646 : Central Bedfordshire 028	6	West on Barford Rd, West on Bedford Rd
E02003759 : Huntingdonshire 007	6	East on Barford Rd
E02003765 : Huntingdonshire 013	6	East on Barford Rd
E02003272 : Luton 015	6	West on Barford Rd, West on Bedford Rd
E02003273 : Luton 016	6	West on Barford Rd, West on Bedford Rd
E02003276 : Luton 019	6	West on Barford Rd, West on Bedford Rd
E02003467 : Milton Keynes 009	6	West on Barford Rd, West on Bedford Rd
E02003468 : Milton Keynes 010	6	West on Barford Rd, West on Bedford Rd
E02003480 : Milton Keynes 022	6	West on Barford Rd, West on Bedford Rd
East Cambridgeshire	6	East on Barford Rd
Watford	6	West on Barford Rd, West on Bedford Rd
Aylesbury Vale	6	West on Barford Rd, West on Bedford Rd
E02003612 : Central Bedfordshire 014	5	West on Barford Rd, East on Sandy Rd
E02003614 : Central Bedfordshire 016	5	West on Barford Rd, West on Bedford Rd
E02003645 : Central Bedfordshire 027	5	West on Barford Rd, West on Bedford Rd
E02003258 : Luton 001	5	West on Barford Rd, West on Bedford Rd
Dacorum	5	West on Barford Rd, West on Bedford Rd
Harlow	5	West on Barford Rd, East on Sandy Rd
St Edmundsbury	5	East on Barford Rd
Three Rivers	5	West on Barford Rd, West on Bedford Rd
Slough	5	West on Barford Rd, West on Bedford Rd
E02003613 : Central Bedfordshire 015	4	West on Barford Rd, West on Bedford Rd
E02003643 : Central Bedfordshire 024	4	West on Barford Rd, West on Bedford Rd
E02003758 : Huntingdonshire 006	4	East on Barford Rd
E02003265 : Luton 008	4	West on Barford Rd, West on Bedford Rd
E02003270 : Luton 013	4	West on Barford Rd, West on Bedford Rd
E02003476 : Milton Keynes 018	4	West on Barford Rd, West on Bedford Rd
E02003479 : Milton Keynes 021	4	West on Barford Rd, West on Bedford Rd
E02003488 : Milton Keynes 030	4	West on Barford Rd, West on Bedford Rd
Hertsmere	2	50% West on Barford Rd, West on Bedford Rd
	2	50% West on Barford Rd, East on Sandy Rd
Brent	4	West on Barford Rd, East on Sandy Rd

2,985

In order to protect against disclosure of personal information, records have been swapped between different geographic areas. Some counts will be affected, particularly small counts at the lowest geographies.

Appendix G

Junctions 9 Output – Site Access

Junctions 9

PICADY 9 - Priority Intersection Module

Version: 9.5.0.6896

Filename: T19568 - Site Access.j9
Path: G:\General\Projects\T19568 Barford Road, Willington\Junction Assessments\Picady
Report generation date: 28/11/2019 09:36:28

»2024 Base + Development, AM
»2024 Base + Development, PM

Summary of junction performance

	AM						PM					
	Queue (PCU)	Delay (s)	RFC	LOS	Junction Delay (s)	Junction LOS	Queue (PCU)	Delay (s)	RFC	LOS	Junction Delay (s)	Junction LOS
	2024 Base + Development											
Stream B-AC	0.0	6.75	0.02	A	0.38	A	0.0	6.82	0.01	A	0.21	A
Stream C-AB	0.0	5.35	0.00	A			0.0	5.33	0.01	A		

Values shown are the highest values encountered over all time segments. Delay is the maximum value of average delay per arriving vehicle. Junction LOS and Junction Delay are demand-weighted averages.

File summary

File Description

Title	Proposed Site Access
Location	Willington, Bedford
Site number	
Date	14/08/2019
Version	
Status	(new file)
Identifier	
Client	Fisher German
Jobnumber	T19568
Enumerator	HUBTRANSPORT\[redacted]
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	Calculate residual capacity	RFC Threshold	Average Delay threshold (s)	Queue threshold (PCU)
5.75				0.85	36.00	20.00

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
D1	2024 Base + Development	AM	ONE HOUR	06:45	08:15	15	✓
D2	2024 Base + Development	PM	ONE HOUR	16:15	17:45	15	✓

Analysis Set Details

ID	Include in report	Network flow scaling factor (%)	Network capacity scaling factor (%)
A1	✓	100 000	100 000

2024 Base + Development, AM

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Major road direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	untitled	T-Junction	Two-way		0.38	A

Junction Network Options

Driving side	Lighting
Left	Normal/unknown

Arms

Arms

Arm	Name	Description	Arm type
A	Barford Road (W)		Major
B	Site Access		Minor
C	Barford Road (E)		Major

Major Arm Geometry

Arm	Width of carriageway (m)	Has kerbed central reserve	Has right turn bay	Visibility for right turn (m)	Blocks?	Blocking queue (PCU)
C	7.40			150.0	✓	0.00

Geometries for Arm C are measured opposite Arm B. Geometries for Arm A (if relevant) are measured opposite Arm D.

Minor Arm Geometry

Arm	Minor arm type	Lane width (m)	Visibility to left (m)	Visibility to right (m)
B	One lane	3.20	132	72

Slope / Intercept / Capacity

Priority Intersection Slopes and Intercepts

Junction	Stream	Intercept (PCU/hr)	Slope for A-B	Slope for A-C	Slope for C-A	Slope for C-B
1	B-A	568	0.097	0.246	0.155	0.351
1	B-C	683	0.098	0.248	-	-
1	C-B	661	0.240	0.240	-	-

The slopes and intercepts shown above do NOT include any corrections or adjustments.

Streams may be combined, in which case capacity will be adjusted.

Values are shown for the first time segment only; they may differ for subsequent time segments.

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
D1	2024 Base + Development	AM	ONE HOUR	06:45	08:15	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 (%)
A		ONE HOUR	✓	124	100.000
B		ONE HOUR	✓	12	100.000
C		ONE HOUR	✓	96	100.000

Origin-Destination Data

Demand (PCU/hr)

		To		
		A	B	C
From	A	0	3	121
	B	9	0	3
	C	95	1	0

Vehicle Mix

Heavy Vehicle Percentages

		To		
		A	B	C
From	A	0	0	5
	B	0	0	0
	C	15	0	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/hr)	Total Junction Arrivals (PCU)
B-AC	0.02	6.75	0 0	A	11	17
C-AB	0.00	5.35	0 0	A	1	2
C-A					87	131
A-B					3	4
A-C					111	167

Main Results for each time segment

06:45 - 07:00

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	9	2	561	0.016	9	0 0	0.0	6.520	A
C-AB	0.84	0.21	685	0.001	0.84	0 0	0.0	5.337	A
C-A	71	18			71				
A-B	2	0.56			2				
A-C	91	23			91				

07:00 - 07:15

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	11	3	555	0.019	11	0 0	0.0	6.616	A
C-AB	1	0.26	689	0.001	1	0 0	0.0	5.309	A
C-A	85	21			85				
A-B	3	0.67			3				
A-C	109	27			109				

07:15 - 07:30

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	13	3	546	0.024	13	0 0	0.0	6.753	A
C-AB	1	0.32	696	0.002	1	0 0	0.0	5.276	A
C-A	104	26			104				
A-B	3	0.83			3				
A-C	133	33			133				

07:30 - 07:45

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	13	3	546	0.024	13	0 0	0.0	6.753	A
C-AB	1	0.32	696	0.002	1	0 0	0.0	5.284	A
C-A	104	26			104				
A-B	3	0.83			3				
A-C	133	33			133				

07:45 - 08:00

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	11	3	555	0.019	11	0 0	0.0	6.616	A
C-AB	1	0.26	689	0.001	1	0 0	0.0	5.328	A
C-A	85	21			85				
A-B	3	0.67			3				
A-C	109	27			109				

08:00 - 08:15

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	9	2	561	0.016	9	0 0	0.0	6.520	A
C-AB	0.84	0.21	685	0.001	0.84	0 0	0.0	5.347	A
C-A	71	18			71				
A-B	2	0.56			2				
A-C	91	23			91				

2024 Base + Development, PM

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Major road direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	untitled	T-Junction	Two-way		0.21	A

Junction Network Options

Driving side	Lighting
Left	Normal/unknown

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
D2	2024 Base + Development	PM	ONE HOUR	16:15	17:45	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 (%)
A		ONE HOUR	✓	150	100.000
B		ONE HOUR	✓	5	100.000
C		ONE HOUR	✓	96	100.000

Origin-Destination Data

Demand (PCU/hr)

		To		
		A	B	C
From	A	0	7	143
	B	4	0	1
	C	93	3	0

Vehicle Mix

Heavy Vehicle Percentages

		To		
		A	B	C
From	A	0	0	0
	B	0	0	0
	C	2	0	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/hr)	Total Junction Arrivals (PCU)
B-AC	0.01	6.82	0 0	A	5	7
C-AB	0.01	5.33	0 0	A	3	5
C-A					85	127
A-B					6	10
A-C					131	197

Main Results for each time segment

16:15 - 16:30

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	4	0.94	551	0.007	4	0 0	0.0	6.579	A
C-AB	3	0.63	679	0.004	3	0 0	0.0	5.331	A
C-A	70	17			70				
A-B	5	1			5				
A-C	108	27			108				

16:30 - 16:45

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	4	1	544	0.008	4	0 0	0.0	6.676	A
C-AB	3	0.77	683	0.005	3	0 0	0.0	5.307	A
C-A	83	21			83				
A-B	6	2			6				
A-C	129	32			129				

16:45 - 17:00

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	6	1	534	0.010	5	0 0	0.0	6.815	A
C-AB	4	0.97	688	0.006	4	0 0	0.0	5.274	A
C-A	102	25			102				
A-B	8	2			8				
A-C	157	39			157				

17:00 - 17:15

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	6	1	534	0.010	6	0 0	0.0	6.815	A
C-AB	4	0.97	688	0.006	4	0 0	0.0	5.275	A
C-A	102	25			102				
A-B	8	2			8				
A-C	157	39			157				

17:15 - 17:30

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	4	1	544	0.008	5	0 0	0.0	6.676	A
C-AB	3	0.77	683	0.005	3	0 0	0.0	5.309	A
C-A	83	21			83				
A-B	6	2			6				
A-C	129	32			129				

17:30 - 17:45

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	4	0.94	551	0.007	4	0 0	0.0	6.579	A
C-AB	3	0.63	679	0.004	3	0 0	0.0	5.334	A
C-A	70	17			70				
A-B	5	1			5				
A-C	108	27			108				

Appendix H

Junctions 9 Output – Bedford Road/Barford Road/Sandy Road/Wood Lane

Junctions 9

PICADY 9 - Priority Intersection Module

Version: 9.5.0.6896

Filename: T19568 - Staggered Crossroads.j9
Path: G:\General\Projects\T19568 Barford Road, Willington\Junction Assessments\Picady
Report generation date: 28/11/2019 09:52:00

Summary of junction performance

	AM						PM					
	Queue (PCU)	Delay (s)	RFC	LOS	Junction Delay (s)	Junction LOS	Queue (PCU)	Delay (s)	RFC	LOS	Junction Delay (s)	Junction LOS
2019 Base												
Stream B-ACD	0 0	8.74	0.02	A	0.68	A	0.0	7 01	0.01	A	0.91	A
Stream AB-C D	0.1	4.34	0.06	A			0.1	4.45	0.05	A		
Stream D-AB	0 0	9.71	0.02	A			0.1	8 94	0.05	A		
Stream D-C	0 5	21.67	0.32	C			0.7	20.55	0.42	C		
Stream CD-AB	0 0	4.63	0.02	A			0.0	4.15	0.02	A		
2024 Base												
Stream B-ACD	0 0	9.41	0.02	A	0.87	A	0.0	7 29	0.02	A	1.22	A
Stream AB-C D	0.1	4.20	0.07	A			0.1	4 33	0.06	A		
Stream D-AB	0 0	10.62	0.02	B			0.1	10.21	0.07	B		
Stream D-C	0 8	28.49	0.40	D			1.1	28.45	0.52	D		
Stream CD-AB	0 0	4.46	0.03	A			0.0	4 02	0.03	A		
2024 Base + Development												
Stream B-ACD	0 0	9.41	0.02	A	0.97	A	0.0	7 29	0.02	A	1.29	A
Stream AB-C D	0.1	4.21	0.07	A			0.1	4 35	0.06	A		
Stream D-AB	0 0	10.89	0.02	B			0.1	10.41	0.07	B		
Stream D-C	0 9	30.11	0.43	D			1.1	29.51	0.54	D		
Stream CD-AB	0 0	4.46	0.03	A			0.0	4 02	0.03	A		

Values shown are the highest values encountered over all time segments. Delay is the maximum value of average delay per arriving vehicle. Junction LOS and Junction Delay are demand-weighted averages.

File summary

File Description

Title	Bedford Rd/Barford Rd/Sandy Rd/Wood Ln Staggered Crossroads
Location	Willington, Bedford
Site number	
Date	13/08/2019
Version	
Status	(new file)
Identifier	
Client	Fisher German
Jobnumber	T19568
Enumerator	HUBTRANSPORT[redacted]
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	Calculate residual capacity	RFC Threshold	Average Delay threshold (s)	Queue threshold (PCU)
5.75				0.85	36.00	20.00

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
D1	2019 Base	AM	ONE HOUR	06:45	08:15	15	✓
D2	2019 Base	PM	ONE HOUR	16:15	17:45	15	✓
D3	2024 Base	AM	ONE HOUR	06:45	08:15	15	✓
D4	2024 Base	PM	ONE HOUR	16:15	17:45	15	✓
D5	2024 Base + Development	AM	ONE HOUR	06:45	08:15	15	✓
D6	2024 Base + Development	PM	ONE HOUR	16:15	17:45	15	✓

Analysis Set Details

ID	Include in report	Network flow scaling factor (%)	Network capacity scaling factor (%)
A1	✓	100.000	100.000

2019 Base, AM

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Major road direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	untitled	Left-Right Stagger	Two-way		0.68	A

Junction Network Options

Driving side	Lighting
Left	Normal/unknown

Arms

Arms

Arm	Name	Description	Arm type
A	Sandy Road		Major
B	Wood Lane		Minor
C	Bedford Road		Major
D	Barford Road		Minor

Major Arm Geometry

Arm	Width of carriageway (m)	Has kerbed central reserve	Has right turn bay	Visibility for right turn (m)	Blocks?	Blocking queue (PCU)
A	7.90			45.0	✓	0.00
C	7.90			65.0	✓	0.00

Geometries for Arm C are measured opposite Arm B. Geometries for Arm A (if relevant) are measured opposite Arm D.

Minor Arm Geometry

Arm	Minor arm type	Lane width (m)	Width at give-way (m)	Width at 5m (m)	Width at 10m (m)	Width at 15m (m)	Width at 20m (m)	Estimate flare length	Flare length (PCU)	Visibility to left (m)	Visibility to right (m)
B	One lane	4.32								35	15
D	One lane plus flare		10.00	6.30	5 80	4.50	3.70	✓	2.00	22	250

Slope / Intercept / Capacity

Priority Intersection Slopes and Intercepts

Junction	Stream	Intercept (PCU/hr)	Slope for A-B	Slope for A-C	Slope for A-D	Slope for B-C	Slope for B-D	Slope for C-A	Slope for C-B	Slope for C-D	Slope for D-A	Slope for D-B
1	AB-D	600	-	-	-	-	-	0 213	0.213	0.213	-	-
1	B-A	562	0.094	0.237	0.237	-	-	0.149	0.339	-	0.149	0.339
1	B-CD	717	0.101	0.255	0.255	-	-	-	-	-	-	-
1	CD-B	612	0.217	0.217	0.217	-	-	-	-	-	-	-
1	D-AB	691	-	-	-	-	-	0 246	0.246	0.097	-	-
1	D-C	703	-	0.187	0.424	0.187	0.424	0 297	0.297	0.117	-	-

The slopes and intercepts shown above do NOT include any corrections or adjustments.

Streams may be combined, in which case capacity will be adjusted.

Values are shown for the first time segment only; they may differ for subsequent time segments.

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
D1	2019 Base	AM	ONE HOUR	06:45	08:15	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 (%)
A		ONE HOUR	✓	791	100.000
B		ONE HOUR	✓	6	100.000
C		ONE HOUR	✓	818	100.000
D		ONE HOUR	✓	89	100.000

Origin-Destination Data

Demand (PCU/hr)

		To			
		A	B	C	D
From	A	0	1	781	9
	B	1	0	3	2
	C	713	5	0	100
	D	6	0	83	0

Vehicle Mix

Heavy Vehicle Percentages

		To			
		A	B	C	D
From	A	0	0	5	11
	B	0	0	0	0
	C	7	20	0	7
	D	17	0	19	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/hr)	Total Junction Arrivals (PCU)
B-ACD	0.02	8.74	0 0	A	6	8
A-B					0.92	1
A-C					717	1075
A-D					8	12
AB-CD	0.06	4.34	0.1	A	40	61
AB-C					689	1034
D-AB	0.02	9.71	0 0	A	6	8
D-C	0.32	21 67	0 5	C	76	114
C-D					92	138
C-A					654	981
C-B					5	7
CD-AB	0.02	4.63	0 0	A	16	24
CD-A					648	972

Main Results for each time segment

06:45 - 07:00

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-ACD	5	1	509	0.009	4	0 0	0.0	7.140	A
A-B	0.75	0.19			0.75				
A-C	588	147			588				
A-D	7	2			7				
AB-CD	24	6	905	0.026	24	0 0	0.0	4.340	A
AB-C	575	144			575				
D-AB	5	1	530	0.009	4	0 0	0.0	8.010	A
D-C	62	16	420	0.149	62	0 0	0.2	11 929	B
C-D	75	19			75				
C-A	537	134			537				
C-B	4	0.94			4				
CD-AB	10	2	878	0.011	10	0 0	0.0	4.628	A
CD-A	535	134			535				

07:00 - 07:15

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-ACD	5	1	472	0.011	5	0 0	0.0	7.717	A
A-B	0.90	0.22			0.90				
A-C	702	176			702				
A-D	8	2			8				
AB-CD	36	9	975	0.037	36	0 0	0.1	4.069	A
AB-C	679	170			679				
D-AB	5	1	496	0.011	5	0 0	0.0	8.591	A
D-C	75	19	365	0.204	74	0 2	0.3	14.716	B
C-D	90	22			90				
C-A	641	160			641				
C-B	4	1			4				
CD-AB	14	4	939	0.015	14	0 0	0.0	4.326	A
CD-A	636	159			636				

07:15 - 07:30

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-ACD	7	2	418	0.016	7	0 0	0.0	8.744	A
A-B	1	0.28			1				
A-C	860	215			860				
A-D	10	2			10				
AB-CD	62	15	1076	0.057	61	0.1	0.1	3.755	A
AB-C	814	203			814				
D-AB	7	2	441	0.015	7	0 0	0.0	9.691	A
D-C	91	23	289	0.316	90	0 3	0.5	21.478	C
C-D	110	28			110				
C-A	785	196			785				
C-B	6	1			6				
CD-AB	24	6	1028	0.023	24	0 0	0.0	3.949	A
CD-A	773	193			773				

07:30 - 07:45

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-ACD	7	2	418	0.016	7	0 0	0.0	8.744	A
A-B	1	0.28			1				
A-C	860	215			860				
A-D	10	2			10				
AB-CD	62	15	1076	0.057	62	0.1	0.1	3.752	A
AB-C	814	203			814				
D-AB	7	2	441	0.015	7	0 0	0.0	9.705	A
D-C	91	23	289	0.316	91	0 5	0.5	21 671	C
C-D	110	28			110				
C-A	785	196			785				
C-B	6	1			6				
CD-AB	24	6	1028	0.023	24	0 0	0.0	3.937	A
CD-A	773	193			773				

07:45 - 08:00

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-ACD	5	1	472	0.011	5	0 0	0.0	7.718	A
A-B	0.90	0.22			0.90				
A-C	702	176			702				
A-D	8	2			8				
AB-CD	36	9	975	0.037	36	0.1	0.1	4.061	A
AB-C	679	170			679				
D-AB	5	1	495	0.011	5	0 0	0.0	8.603	A
D-C	75	19	365	0.204	76	0 5	0.3	14 851	B
C-D	90	22			90				
C-A	641	160			641				
C-B	4	1			4				
CD-AB	14	4	939	0.015	15	0 0	0.0	4.287	A
CD-A	636	159			636				

08:00 - 08:15

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-ACD	5	1	509	0.009	5	0 0	0.0	7.143	A
A-B	0.75	0.19			0.75				
A-C	588	147			588				
A-D	7	2			7				
AB-CD	24	6	905	0.026	24	0.1	0.0	4.336	A
AB-C	575	144			575				
D-AB	5	1	530	0.009	5	0 0	0.0	8.019	A
D-C	62	16	420	0.149	63	0 3	0.2	12 012	B
C-D	75	19			75				
C-A	537	134			537				
C-B	4	0.94			4				
CD-AB	10	2	879	0.011	10	0 0	0.0	4.605	A
CD-A	535	134			535				

2019 Base, PM

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Major road direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	untitled	Left-Right Stagger	Two-way		0.91	A

Junction Network Options

Driving side	Lighting
Left	Normal/unknown

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
D2	2019 Base	PM	ONE HOUR	16:15	17:45	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 (%)
A		ONE HOUR	✓	698	100.000
B		ONE HOUR	✓	7	100.000
C		ONE HOUR	✓	828	100.000
D		ONE HOUR	✓	136	100.000

Origin-Destination Data

Demand (PCU/hr)

		To			
		A	B	C	D
From	A	0	1	687	10
	B	0	0	7	0
	C	719	3	0	106
	D	19	2	115	0

Vehicle Mix

Heavy Vehicle Percentages

		To			
		A	B	C	D
From	A	0	0	5	0
	B	0	0	0	0
	C	4	0	0	5
	D	0	0	1	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/hr)	Total Junction Arrivals (PCU)
B-ACD	0.01	7.01	0 0	A	6	10
A-B					0.92	1
A-C					630	946
A-D					9	14
AB-CD	0.05	4.45	0.1	A	32	48
AB-C					614	921
D-AB	0.05	8.94	0.1	A	19	29
D-C	0.42	20 55	0.7	C	106	158
C-D					97	146
C-A					660	990
C-B					3	4
CD-AB	0.02	4.15	0 0	A	16	24
CD-A					666	999

Main Results for each time segment

16:15 - 16:30

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-ACD	5	1	583	0.009	5	0 0	0.0	6.227	A
A-B	0.75	0.19			0.75				
A-C	517	129			517				
A-D	8	2			8				
AB-CD	19	5	854	0.023	19	0 0	0.0	4.441	A
AB-C	511	128			511				
D-AB	16	4	529	0.030	16	0 0	0.0	7.015	A
D-C	87	22	428	0.202	86	0 0	0.3	10 592	B
C-D	80	20			80				
C-A	541	135			541				
C-B	2	0.56			2				
CD-AB	10	2	899	0.011	10	0 0	0.0	4.142	A
CD-A	549	137			549				

16:30 - 16:45

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-ACD	6	2	557	0.011	6	0 0	0.0	6.532	A
A-B	0.90	0.22			0.90				
A-C	618	154			618				
A-D	9	2			9				
AB-CD	29	7	912	0.031	28	0 0	0.0	4.203	A
AB-C	604	151			604				
D-AB	19	5	490	0.038	19	0 0	0.0	7.633	A
D-C	103	26	376	0.275	103	0 3	0.4	13 309	B
C-D	95	24			95				
C-A	646	162			646				
C-B	3	0.67			3				
CD-AB	14	4	963	0.015	14	0 0	0.0	3.889	A
CD-A	653	163			653				

16:45 - 17:00

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-ACD	8	2	521	0.015	8	0 0	0.0	7.007	A
A-B	1	0.28			1				
A-C	756	189			756				
A-D	11	3			11				
AB-CD	47	12	998	0.047	47	0 0	0.1	3.923	A
AB-C	728	182			728				
D-AB	23	6	427	0.054	23	0 0	0.1	8.909	A
D-C	127	32	303	0.417	125	0.4	0.7	20 282	C
C-D	117	29			117				
C-A	792	198			792				
C-B	3	0.83			3				
CD-AB	24	6	1056	0.023	24	0 0	0.0	3.584	A
CD-A	794	199			794				

17:00 - 17:15

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-ACD	8	2	521	0.015	8	0 0	0.0	7.007	A
A-B	1	0.28			1				
A-C	756	189			756				
A-D	11	3			11				
AB-CD	47	12	998	0.047	47	0.1	0.1	3.930	A
AB-C	728	182			728				
D-AB	23	6	426	0.054	23	0.1	0.1	8.935	A
D-C	127	32	303	0.417	127	0.7	0.7	20 553	C
C-D	117	29			117				
C-A	792	198			792				
C-B	3	0.83			3				
CD-AB	24	6	1056	0.023	24	0 0	0.0	3.589	A
CD-A	794	199			794				

17:15 - 17:30

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-ACD	6	2	557	0.011	6	0 0	0.0	6.533	A
A-B	0.90	0.22			0.90				
A-C	618	154			618				
A-D	9	2			9				
AB-CD	29	7	912	0.031	29	0.1	0.0	4.222	A
AB-C	604	151			604				
D-AB	19	5	489	0.039	19	0.1	0.0	7.655	A
D-C	103	26	376	0.275	105	0.7	0.4	13.480	B
C-D	95	24			95				
C-A	646	162			646				
C-B	3	0.67			3				
CD-AB	14	4	964	0.015	15	0 0	0.0	3.901	A
CD-A	654	163			654				

17:30 - 17:45

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-ACD	5	1	583	0.009	5	0 0	0.0	6.227	A
A-B	0.75	0.19			0.75				
A-C	517	129			517				
A-D	8	2			8				
AB-CD	19	5	854	0.023	20	0 0	0.0	4.451	A
AB-C	511	128			511				
D-AB	16	4	528	0.030	16	0 0	0.0	7.031	A
D-C	87	22	428	0.202	87	0.4	0.3	10 687	B
C-D	80	20			80				
C-A	541	135			541				
C-B	2	0.56			2				
CD-AB	10	2	900	0.011	10	0 0	0.0	4.149	A
CD-A	550	137			550				

2024 Base, AM

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Major road direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	untitled	Left-Right Stagger	Two-way		0.87	A

Junction Network Options

Driving side	Lighting
Left	Normal/unknown

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
D3	2024 Base	AM	ONE HOUR	06:45	08:15	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 (%)
A		ONE HOUR	✓	865	100.000
B		ONE HOUR	✓	6	100.000
C		ONE HOUR	✓	894	100.000
D		ONE HOUR	✓	98	100.000

Origin-Destination Data

Demand (PCU/hr)

		To			
		A	B	C	D
From	A	0	1	854	10
	B	1	0	3	2
	C	780	5	0	109
	D	7	0	91	0

Vehicle Mix

Heavy Vehicle Percentages

		To			
		A	B	C	D
From	A	0	0	5	11
	B	0	0	0	0
	C	7	20	0	7
	D	17	0	19	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/hr)	Total Junction Arrivals (PCU)
B-ACD	0.02	9.41	0 0	A	6	8
A-B					0.92	1
A-C					784	1175
A-D					9	14
AB-CD	0.07	4.20	0.1	A	52	77
AB-C					746	1119
D-AB	0.02	10 62	0 0	B	6	10
D-C	0.40	28.49	0 8	D	84	125
C-D					100	150
C-A					716	1074
C-B					5	7
CD-AB	0.03	4.46	0 0	A	19	28
CD-A					708	1062

Main Results for each time segment

06:45 - 07:00

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-ACD	5	1	491	0.009	4	0 0	0.0	7.397	A
A-B	0.75	0.19			0.75				
A-C	643	161			643				
A-D	8	2			8				
AB-CD	29	7	938	0.031	29	0 0	0.0	4.205	A
AB-C	625	156			625				
D-AB	5	1	514	0.010	5	0 0	0.0	8.274	A
D-C	69	17	393	0.174	68	0 0	0.2	13.105	B
C-D	82	21			82				
C-A	587	147			587				
C-B	4	0.94			4				
CD-AB	11	3	908	0.012	11	0 0	0.0	4.464	A
CD-A	585	146			585				

07:00 - 07:15

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-ACD	5	1	450	0.012	5	0 0	0.0	8.096	A
A-B	0.90	0.22			0.90				
A-C	768	192			768				
A-D	9	2			9				
AB-CD	45	11	1016	0.044	45	0 0	0.1	3.931	A
AB-C	736	184			736				
D-AB	6	2	475	0.013	6	0 0	0.0	8.994	A
D-C	82	20	333	0.245	81	0 2	0.4	16 957	C
C-D	98	24			98				
C-A	701	175			701				
C-B	4	1			4				
CD-AB	16	4	976	0.017	16	0 0	0.0	4.152	A
CD-A	696	174			696				

07:15 - 07:30

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-ACD	7	2	389	0.017	7	0 0	0.0	9.411	A
A-B	1	0.28			1				
A-C	940	235			940				
A-D	11	3			11				
AB-CD	81	20	1129	0.071	80	0.1	0.1	3.628	A
AB-C	876	219			876				
D-AB	8	2	406	0.019	8	0 0	0.0	10 577	B
D-C	100	25	250	0.400	99	0.4	0.8	27 972	D
C-D	120	30			120				
C-A	859	215			859				
C-B	6	1			6				
CD-AB	28	7	1076	0.026	28	0 0	0.0	3.768	A
CD-A	844	211			844				

07:30 - 07:45

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-ACD	7	2	389	0.017	7	0 0	0.0	9.411	A
A-B	1	0.28			1				
A-C	940	235			940				
A-D	11	3			11				
AB-CD	81	20	1130	0.072	81	0.1	0.1	3.628	A
AB-C	876	219			876				
D-AB	8	2	404	0.019	8	0 0	0.0	10 619	B
D-C	100	25	250	0.400	100	0 8	0.8	28.490	D
C-D	120	30			120				
C-A	859	215			859				
C-B	6	1			6				
CD-AB	28	7	1076	0.026	28	0 0	0.0	3.755	A
CD-A	844	211			844				

07:45 - 08:00

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-ACD	5	1	450	0.012	5	0 0	0.0	8.098	A
A-B	0.90	0.22			0.90				
A-C	768	192			768				
A-D	9	2			9				
AB-CD	45	11	1016	0.044	45	0.1	0.1	3.923	A
AB-C	736	184			736				
D-AB	6	2	473	0.013	6	0 0	0.0	9.017	A
D-C	82	20	333	0.245	83	0 8	0.4	17 235	C
C-D	98	24			98				
C-A	701	175			701				
C-B	4	1			4				
CD-AB	16	4	976	0.017	16	0 0	0.0	4.115	A
CD-A	696	174			696				

08:00 - 08:15

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-ACD	5	1	491	0.009	5	0 0	0.0	7.401	A
A-B	0.75	0.19			0.75				
A-C	643	161			643				
A-D	8	2			8				
AB-CD	29	7	938	0.031	29	0.1	0.0	4.200	A
AB-C	625	156			625				
D-AB	5	1	514	0.010	5	0 0	0.0	8.286	A
D-C	69	17	393	0.174	69	0.4	0.3	13 232	B
C-D	82	21			82				
C-A	587	147			587				
C-B	4	0.94			4				
CD-AB	11	3	908	0.012	11	0 0	0.0	4.443	A
CD-A	585	146			585				

2024 Base, PM

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Major road direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	untitled	Left-Right Stagger	Two-way		1.22	A

Junction Network Options

Driving side	Lighting
Left	Normal/unknown

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
D4	2024 Base	PM	ONE HOUR	16:15	17:45	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 (%)
A		ONE HOUR	✓	764	100.000
B		ONE HOUR	✓	8	100.000
C		ONE HOUR	✓	906	100.000
D		ONE HOUR	✓	149	100.000

Origin-Destination Data

Demand (PCU/hr)

		To			
		A	B	C	D
From	A	0	1	752	11
	B	0	0	8	0
	C	787	3	0	116
	D	21	2	126	0

Vehicle Mix

Heavy Vehicle Percentages

		To			
		A	B	C	D
From	A	0	0	5	0
	B	0	0	0	0
	C	4	0	0	5
	D	0	0	1	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/hr)	Total Junction Arrivals (PCU)
B-ACD	0.02	7.29	0 0	A	7	11
A-B					0.92	1
A-C					690	1035
A-D					10	15
AB-CD	0.06	4.33	0.1	A	40	60
AB-C					667	1001
D-AB	0.07	10 21	0.1	B	21	32
D-C	0.52	28.45	1.1	D	116	173
C-D					106	160
C-A					722	1083
C-B					3	4
CD-AB	0.03	4.02	0 0	A	18	28
CD-A					728	1091

Main Results for each time segment

16:15 - 16:30

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-ACD	6	2	571	0.011	6	0 0	0.0	6.375	A
A-B	0.75	0.19			0.75				
A-C	566	142			566				
A-D	8	2			8				
AB-CD	24	6	882	0.027	23	0 0	0.0	4.324	A
AB-C	557	139			557				
D-AB	17	4	511	0.034	17	0 0	0.0	7.292	A
D-C	95	24	402	0.236	94	0 0	0.3	11.732	B
C-D	87	22			87				
C-A	592	148			592				
C-B	2	0.56			2				
CD-AB	11	3	930	0.012	11	0 0	0.0	4.013	A
CD-A	601	150			601				

16:30 - 16:45

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-ACD	7	2	542	0.013	7	0 0	0.0	6.728	A
A-B	0.90	0.22			0.90				
A-C	676	169			676				
A-D	10	2			10				
AB-CD	36	9	948	0.038	35	0 0	0.1	4.079	A
AB-C	658	164			658				
D-AB	21	5	466	0.044	21	0 0	0.0	8.080	A
D-C	113	28	345	0.328	113	0 3	0.5	15 583	C
C-D	104	26			104				
C-A	707	177			707				
C-B	3	0.67			3				
CD-AB	16	4	1002	0.016	16	0 0	0.0	3.748	A
CD-A	714	179			714				

16:45 - 17:00

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-ACD	9	2	503	0.018	9	0 0	0.0	7.285	A
A-B	1	0.28			1				
A-C	828	207			828				
A-D	12	3			12				
AB-CD	61	15	1044	0.059	61	0.1	0.1	3.799	A
AB-C	788	197			788				
D-AB	25	6	381	0.066	25	0 0	0.1	10.120	B
D-C	139	35	266	0.521	137	0 5	1.0	27 606	D
C-D	128	32			128				
C-A	867	217			867				
C-B	3	0.83			3				
CD-AB	28	7	1106	0.025	28	0 0	0.0	3.437	A
CD-A	867	217			867				

17:00 - 17:15

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-ACD	9	2	503	0.018	9	0 0	0.0	7.285	A
A-B	1	0.28			1				
A-C	828	207			828				
A-D	12	3			12				
AB-CD	61	15	1044	0.059	61	0.1	0.1	3.809	A
AB-C	788	197			788				
D-AB	25	6	378	0.067	25	0.1	0.1	10 208	B
D-C	139	35	266	0.521	139	1 0	1.1	28.450	D
C-D	128	32			128				
C-A	867	217			867				
C-B	3	0.83			3				
CD-AB	28	7	1107	0.025	28	0 0	0.0	3.441	A
CD-A	867	217			867				

17:15 - 17:30

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-ACD	7	2	542	0.013	7	0 0	0.0	6.731	A
A-B	0.90	0.22			0.90				
A-C	676	169			676				
A-D	10	2			10				
AB-CD	36	9	948	0.038	36	0.1	0.1	4.098	A
AB-C	657	164			657				
D-AB	21	5	464	0.045	21	0.1	0.0	8.123	A
D-C	113	28	345	0.328	116	1.1	0.5	15 973	C
C-D	104	26			104				
C-A	707	177			707				
C-B	3	0.67			3				
CD-AB	16	4	1002	0.016	16	0 0	0.0	3.763	A
CD-A	715	179			715				

17:30 - 17:45

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-ACD	6	2	571	0.011	6	0 0	0.0	6.375	A
A-B	0.75	0.19			0.75				
A-C	566	142			566				
A-D	8	2			8				
AB-CD	24	6	882	0.027	24	0.1	0.0	4.335	A
AB-C	557	139			557				
D-AB	17	4	510	0.034	17	0 0	0.0	7.311	A
D-C	95	24	402	0.236	96	0 5	0.3	11 878	B
C-D	87	22			87				
C-A	592	148			592				
C-B	2	0.56			2				
CD-AB	11	3	931	0.012	11	0 0	0.0	4.019	A
CD-A	601	150			601				

2024 Base + Development, AM

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Major road direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	untitled	Left-Right Stagger	Two-way		0.97	A

Junction Network Options

Driving side	Lighting
Left	Normal/unknown

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 + Development	AM	ONE HOUR	06:45	08:15	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 (%)
A		ONE HOUR	✓	865	100.000
B		ONE HOUR	✓	6	100.000
C		ONE HOUR	✓	897	100.000
D		ONE HOUR	✓	106	100.000

Origin-Destination Data

Demand (PCU/hr)

		To			
		A	B	C	D
From	A	0	1	854	10
	B	1	0	3	2
	C	780	5	0	112
	D	8	0	98	0

Vehicle Mix

Heavy Vehicle Percentages

		To			
		A	B	C	D
From	A	0	0	5	11
	B	0	0	0	0
	C	7	20	0	7
	D	17	0	19	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/hr)	Total Junction Arrivals (PCU)
B-ACD	0.02	9.41	0 0	A	6	8
A-B					0.92	1
A-C					784	1175
A-D					9	14
AB-CD	0.07	4.21	0.1	A	52	77
AB-C					746	1119
D-AB	0.02	10 89	0 0	B	7	11
D-C	0.43	30.11	0 9	D	90	135
C-D					103	154
C-A					716	1074
C-B					5	7
CD-AB	0.03	4.46	0 0	A	19	28
CD-A					709	1064

Main Results for each time segment

06:45 - 07:00

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-ACD	5	1	491	0.009	4	0 0	0.0	7.398	A
A-B	0.75	0.19			0.75				
A-C	643	161			643				
A-D	8	2			8				
AB-CD	29	7	938	0.031	29	0 0	0.0	4.206	A
AB-C	625	156			625				
D-AB	6	2	512	0.012	6	0 0	0.0	8.317	A
D-C	74	18	393	0.188	73	0 0	0.3	13 329	B
C-D	84	21			84				
C-A	587	147			587				
C-B	4	0.94			4				
CD-AB	11	3	908	0.012	11	0 0	0.0	4.461	A
CD-A	586	147			586				

07:00 - 07:15

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-ACD	5	1	450	0.012	5	0 0	0.0	8.097	A
A-B	0.90	0.22			0.90				
A-C	768	192			768				
A-D	9	2			9				
AB-CD	45	11	1015	0.044	45	0 0	0.1	3.933	A
AB-C	736	184			736				
D-AB	7	2	471	0.015	7	0 0	0.0	9.075	A
D-C	88	22	333	0.265	88	0 3	0.4	17.409	C
C-D	101	25			101				
C-A	701	175			701				
C-B	4	1			4				
CD-AB	16	4	977	0.017	16	0 0	0.0	4.149	A
CD-A	696	174			696				

07:15 - 07:30

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-ACD	7	2	389	0.017	7	0 0	0.0	9.413	A
A-B	1	0.28			1				
A-C	940	235			940				
A-D	11	3			11				
AB-CD	81	20	1129	0.072	80	0.1	0.1	3.630	A
AB-C	876	219			876				
D-AB	9	2	398	0.022	9	0 0	0.0	10 832	B
D-C	108	27	250	0.432	106	0.4	0.9	29.454	D
C-D	123	31			123				
C-A	859	215			859				
C-B	6	1			6				
CD-AB	28	7	1077	0.026	28	0 0	0.0	3.765	A
CD-A	845	211			845				

07:30 - 07:45

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-ACD	7	2	389	0.017	7	0 0	0.0	9.414	A
A-B	1	0.28			1				
A-C	940	235			940				
A-D	11	3			11				
AB-CD	81	20	1129	0.072	81	0.1	0.1	3.630	A
AB-C	876	219			876				
D-AB	9	2	396	0.022	9	0 0	0.0	10 888	B
D-C	108	27	250	0.432	108	0 9	0.9	30.113	D
C-D	123	31			123				
C-A	859	215			859				
C-B	6	1			6				
CD-AB	28	7	1077	0.026	28	0 0	0.0	3.756	A
CD-A	845	211			845				

07:45 - 08:00

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-ACD	5	1	450	0.012	5	0 0	0.0	8.099	A
A-B	0.90	0.22			0.90				
A-C	768	192			768				
A-D	9	2			9				
AB-CD	45	11	1016	0.044	45	0.1	0.1	3.923	A
AB-C	736	184			736				
D-AB	7	2	470	0.015	7	0 0	0.0	9.105	A
D-C	88	22	333	0.265	90	0 9	0.4	17.747	C
C-D	101	25			101				
C-A	701	175			701				
C-B	4	1			4				
CD-AB	16	4	977	0.017	16	0 0	0.0	4.112	A
CD-A	696	174			696				

08:00 - 08:15

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-ACD	5	1	491	0.009	5	0 0	0.0	7.399	A
A-B	0.75	0.19			0.75				
A-C	643	161			643				
A-D	8	2			8				
AB-CD	29	7	938	0.031	29	0.1	0.0	4.202	A
AB-C	625	156			625				
D-AB	6	2	512	0.012	6	0 0	0.0	8.332	A
D-C	74	18	393	0.188	74	0.4	0.3	13.471	B
C-D	84	21			84				
C-A	587	147			587				
C-B	4	0.94			4				
CD-AB	11	3	908	0.012	11	0 0	0.0	4.439	A
CD-A	586	147			586				

2024 Base + Development, PM

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Major road direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	untitled	Left-Right Stagger	Two-way		1.29	A

Junction Network Options

Driving side	Lighting
Left	Normal/unknown

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 + Development	PM	ONE HOUR	16:15	17:45	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 (%)
A		ONE HOUR	✓	765	100.000
B		ONE HOUR	✓	8	100.000
C		ONE HOUR	✓	912	100.000
D		ONE HOUR	✓	153	100.000

Origin-Destination Data

Demand (PCU/hr)

		To			
		A	B	C	D
From	A	0	1	752	12
	B	0	0	8	0
	C	787	3	0	122
	D	22	2	129	0

Vehicle Mix

Heavy Vehicle Percentages

		To			
		A	B	C	D
From	A	0	0	5	0
	B	0	0	0	0
	C	4	0	0	5
	D	0	0	1	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/hr)	Total Junction Arrivals (PCU)
B-ACD	0.02	7.29	0 0	A	7	11
A-B					0.92	1
A-C					690	1035
A-D					11	17
AB-CD	0.06	4.35	0.1	A	44	66
AB-C					664	997
D-AB	0.07	10.41	0.1	B	22	33
D-C	0.54	29 51	1.1	D	118	178
C-D					112	168
C-A					722	1083
C-B					3	4
CD-AB	0.03	4.02	0 0	A	18	28
CD-A					728	1093

Main Results for each time segment

16:15 - 16:30

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-ACD	6	2	570	0.011	6	0 0	0.0	6.377	A
A-B	0.75	0.19			0.75				
A-C	566	142			566				
A-D	9	2			9				
AB-CD	26	6	882	0.029	26	0 0	0.0	4.338	A
AB-C	555	139			555				
D-AB	18	5	510	0.035	18	0 0	0.0	7.319	A
D-C	97	24	401	0.242	96	0 0	0.3	11 853	B
C-D	92	23			92				
C-A	592	148			592				
C-B	2	0.56			2				
CD-AB	11	3	931	0.012	11	0 0	0.0	4.011	A
CD-A	602	150			602				

16:30 - 16:45

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-ACD	7	2	542	0.013	7	0 0	0.0	6.731	A
A-B	0.90	0.22			0.90				
A-C	676	169			676				
A-D	11	3			11				
AB-CD	39	10	947	0.041	39	0 0	0.1	4.097	A
AB-C	655	164			655				
D-AB	22	5	464	0.046	22	0 0	0.0	8.131	A
D-C	116	29	344	0.337	115	0 3	0.5	15 841	C
C-D	110	27			110				
C-A	707	177			707				
C-B	3	0.67			3				
CD-AB	16	4	1003	0.016	16	0 0	0.0	3.746	A
CD-A	715	179			715				

16:45 - 17:00

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-ACD	9	2	503	0.018	9	0 0	0.0	7.289	A
A-B	1	0.28			1				
A-C	828	207			828				
A-D	13	3			13				
AB-CD	67	17	1043	0.064	67	0.1	0.1	3.825	A
AB-C	783	196			783				
D-AB	26	7	376	0.070	26	0 0	0.1	10 305	B
D-C	142	36	265	0.537	140	0 5	1.1	28 549	D
C-D	134	34			134				
C-A	867	217			867				
C-B	3	0.83			3				
CD-AB	28	7	1107	0.025	28	0 0	0.0	3.435	A
CD-A	868	217			868				

17:00 - 17:15

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-ACD	9	2	503	0.018	9	0 0	0.0	7.289	A
A-B	1	0.28			1				
A-C	828	207			828				
A-D	13	3			13				
AB-CD	67	17	1044	0.064	67	0.1	0.1	3.832	A
AB-C	783	196			783				
D-AB	26	7	372	0.071	26	0.1	0.1	10.410	B
D-C	142	36	265	0.537	142	1.1	1.1	29 514	D
C-D	134	34			134				
C-A	867	217			867				
C-B	3	0.83			3				
CD-AB	28	7	1107	0.025	28	0 0	0.0	3.439	A
CD-A	868	217			868				

17:15 - 17:30

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-ACD	7	2	542	0.013	7	0 0	0.0	6.731	A
A-B	0.90	0.22			0.90				
A-C	676	169			676				
A-D	11	3			11				
AB-CD	39	10	947	0.041	39	0.1	0.1	4.115	A
AB-C	655	164			655				
D-AB	22	5	462	0.047	22	0.1	0.0	8.176	A
D-C	116	29	344	0.337	118	1.1	0.5	16 273	C
C-D	110	27			110				
C-A	707	177			707				
C-B	3	0.67			3				
CD-AB	16	4	1003	0.016	16	0 0	0.0	3.758	A
CD-A	715	179			715				

17:30 - 17:45

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-ACD	6	2	570	0.011	6	0 0	0.0	6.378	A
A-B	0.75	0.19			0.75				
A-C	566	142			566				
A-D	9	2			9				
AB-CD	26	6	882	0.029	26	0.1	0.0	4.349	A
AB-C	555	139			555				
D-AB	18	5	509	0.036	18	0 0	0.0	7.341	A
D-C	97	24	401	0.242	98	0 5	0.3	12 013	B
C-D	92	23			92				
C-A	592	148			592				
C-B	2	0.56			2				
CD-AB	11	3	931	0.012	11	0 0	0.0	4.017	A
CD-A	602	150			602				

Appendix I

Junctions 9 Output – Station Road/Bedford Road

Junctions 9

PICADY 9 - Priority Intersection Module

Version: 9.5.0.6896

Filename: T19568 - Bedford Rd - Station Rd Priority.j9
Path: G:\General\Projects\T19568 Barford Road, Willington\Junction Assessments\Picady
Report generation date: 28/11/2019 10:05:54

Summary of junction performance

	AM						PM					
	Queue (PCU)	Delay (s)	RFC	LOS	Junction Delay (s)	Junction LOS	Queue (PCU)	Delay (s)	RFC	LOS	Junction Delay (s)	Junction LOS
	2019 Base											
Stream B-AC	0.2	14.97	0.12	B	0.32	A	0.1	12.09	0.08	B	0.41	A
Stream C-AB	0.0	3.76	0.01	A			0.3	4.07	0.11	A		
	2024 Base											
Stream B-AC	0.2	17.43	0.15	C	0.37	A	0.1	13.89	0.11	B	0.47	A
Stream C-AB	0.0	3.64	0.01	A			0.4	3.99	0.14	A		
	2024 Base + Development											
Stream B-AC	0.2	17.57	0.15	C	0.37	A	0.1	14.02	0.11	B	0.47	A
Stream C-AB	0.0	3.63	0.01	A			0.4	3.99	0.14	A		

Values shown are the highest values encountered over all time segments. Delay is the maximum value of average delay per arriving vehicle. Junction LOS and Junction Delay are demand-weighted averages.

File summary

File Description

Title	Bedford Rd/Station Rd Priority Junction
Location	Willington, Bedford
Site number	
Date	14/08/2019
Version	
Status	(new file)
Identifier	
Client	Fisher German
Jobnumber	T19568
Enumerator	HUBTRANSPORT\[redacted]
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	Calculate residual capacity	RFC Threshold	Average Delay threshold (s)	Queue threshold (PCU)
5.75				0.85	36.00	20.00

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
D1	2019 Base	AM	ONE HOUR	06:45	08:15	15	✓
D2	2019 Base	PM	ONE HOUR	16:15	17:45	15	✓
D3	2024 Base	AM	ONE HOUR	06:45	08:15	15	✓
D4	2024 Base	PM	ONE HOUR	16:15	17:45	15	✓
D5	2024 Base + Development	AM	ONE HOUR	06:45	08:15	15	✓
D6	2024 Base + Development	PM	ONE HOUR	16:15	17:45	15	✓

Analysis Set Details

ID	Include in report	Network flow scaling factor (%)	Network capacity scaling factor (%)
A1	✓	100 000	100 000

2019 Base, AM

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Major road direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	untitled	T-Junction	Two-way		0.32	A

Junction Network Options

Driving side	Lighting
Left	Normal/unknown

Arms

Arms

Arm	Name	Description	Arm type
A	Bedford Road		Major
B	Station Road		Minor
C	Sandy Road		Major

Major Arm Geometry

Arm	Width of carriageway (m)	Has kerbed central reserve	Has right turn bay	Visibility for right turn (m)	Blocks?	Blocking queue (PCU)
C	7.90			250.0	✓	0.00

Geometries for Arm C are measured opposite Arm B. Geometries for Arm A (if relevant) are measured opposite Arm D.

Minor Arm Geometry

Arm	Minor arm type	Lane width (m)	Visibility to left (m)	Visibility to right (m)
B	One lane	4.44	20	15

Slope / Intercept / Capacity

Priority Intersection Slopes and Intercepts

Junction	Stream	Intercept (PCU/hr)	Slope for A-B	Slope for A-C	Slope for C-A	Slope for C-B
1	B-A	562	0.094	0.237	0.149	0.339
1	B-C	725	0.102	0.258	-	-
1	C-B	719	0.255	0.255	-	-

The slopes and intercepts shown above do NOT include any corrections or adjustments.

Streams may be combined, in which case capacity will be adjusted.

Values are shown for the first time segment only; they may differ for subsequent time segments.

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
D1	2019 Base	AM	ONE HOUR	06:45	08:15	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 (%)
A		ONE HOUR	✓	813	100.000
B		ONE HOUR	✓	35	100.000
C		ONE HOUR	✓	864	100.000

Origin-Destination Data

Demand (PCU/hr)

		To		
		A	B	C
From	A	0	15	798
	B	15	0	20
	C	862	2	0

Vehicle Mix

Heavy Vehicle Percentages

		To		
		A	B	C
From	A	0	7	7
	B	13	0	15
	C	7	0	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/hr)	Total Junction Arrivals (PCU)
B-AC	0.12	14 97	0 2	B	32	48
C-AB	0.01	3.76	0 0	A	7	11
C-A					786	1178
A-B					14	21
A-C					732	1098

Main Results for each time segment

06:45 - 07:00

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	26	7	427	0.062	26	0 0	0.1	10 228	B
C-AB	4	1	1009	0.004	4	0 0	0.0	3.740	A
C-A	646	162			646				
A-B	11	3			11				
A-C	601	150			601				

07:00 - 07:15

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	31	8	381	0.083	31	0.1	0.1	11.741	B
C-AB	6	2	1078	0.006	6	0 0	0.0	3.517	A
C-A	770	193			770				
A-B	13	3			13				
A-C	717	179			717				

07:15 - 07:30

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	39	10	313	0.123	38	0.1	0.2	14 948	B
C-AB	11	3	1181	0.010	11	0 0	0.0	3.241	A
C-A	940	235			940				
A-B	17	4			17				
A-C	879	220			879				

07:30 - 07:45

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	39	10	313	0.123	39	0 2	0.2	14 972	B
C-AB	11	3	1181	0.010	11	0 0	0.0	3.250	A
C-A	940	235			940				
A-B	17	4			17				
A-C	879	220			879				

07:45 - 08:00

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	31	8	381	0.083	32	0 2	0.1	11.765	B
C-AB	6	2	1078	0.006	6	0 0	0.0	3.538	A
C-A	770	193			770				
A-B	13	3			13				
A-C	717	179			717				

08:00 - 08:15

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	26	7	427	0.062	26	0.1	0.1	10 250	B
C-AB	4	1	1009	0.004	4	0 0	0.0	3.755	A
C-A	646	162			646				
A-B	11	3			11				
A-C	601	150			601				

2019 Base, PM

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Major road direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	untitled	T-Junction	Two-way		0.41	A

Junction Network Options

Driving side	Lighting
Left	Normal/unknown

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
D2	2019 Base	PM	ONE HOUR	16:15	17:45	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 (%)
A		ONE HOUR	✓	835	100.000
B		ONE HOUR	✓	26	100.000
C		ONE HOUR	✓	809	100.000

Origin-Destination Data

Demand (PCU/hr)

		To		
		A	B	C
From	A	0	34	801
	B	9	0	17
	C	783	26	0

Vehicle Mix

Heavy Vehicle Percentages

		To		
		A	B	C
From	A	0	0	4
	B	11	0	0
	C	5	0	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/hr)	Total Junction Arrivals (PCU)
B-AC	0.08	12 09	0.1	B	24	36
C-AB	0.11	4.07	0 3	A	84	126
C-A					658	987
A-B					31	47
A-C					735	1103

Main Results for each time segment

16:15 - 16:30

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	20	5	449	0.044	19	0 0	0.0	8.679	A
C-AB	50	13	965	0.052	50	0 0	0.1	4.052	A
C-A	559	140			559				
A-B	26	6			26				
A-C	603	151			603				

16:30 - 16:45

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	23	6	404	0.058	23	0 0	0.1	9.799	A
C-AB	75	19	1025	0.073	75	0.1	0.1	3.911	A
C-A	652	163			652				
A-B	31	8			31				
A-C	720	180			720				

16:45 - 17:00

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	29	7	337	0.085	28	0.1	0.1	12 076	B
C-AB	127	32	1114	0.114	127	0.1	0.3	3.780	A
C-A	764	191			764				
A-B	37	9			37				
A-C	882	220			882				

17:00 - 17:15

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	29	7	337	0.085	29	0.1	0.1	12 088	B
C-AB	127	32	1115	0.114	127	0 3	0.3	3.791	A
C-A	763	191			763				
A-B	37	9			37				
A-C	882	220			882				

17:15 - 17:30

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	23	6	404	0.058	23	0.1	0.1	9.812	A
C-AB	75	19	1025	0.073	76	0 3	0.1	3.936	A
C-A	652	163			652				
A-B	31	8			31				
A-C	720	180			720				

17:30 - 17:45

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	20	5	449	0.044	20	0.1	0.0	8.692	A
C-AB	51	13	965	0.052	51	0.1	0.1	4.067	A
C-A	558	140			558				
A-B	26	6			26				
A-C	603	151			603				

2024 Base, AM

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Major road direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	untitled	T-Junction	Two-way		0.37	A

Junction Network Options

Driving side	Lighting
Left	Normal/unknown

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
D3	2024 Base	AM	ONE HOUR	06:45	08:15	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 (%)
A		ONE HOUR	✓	889	100.000
B		ONE HOUR	✓	38	100.000
C		ONE HOUR	✓	945	100.000

Origin-Destination Data

Demand (PCU/hr)

		To		
		A	B	C
From	A	0	16	873
	B	16	0	22
	C	943	2	0

Vehicle Mix

Heavy Vehicle Percentages

		To		
		A	B	C
From	A	0	7	7
	B	13	0	15
	C	7	0	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/hr)	Total Junction Arrivals (PCU)
B-AC	0.15	17.43	0 2	C	35	52
C-AB	0.01	3.64	0 0	A	9	13
C-A					859	1288
A-B					15	22
A-C					801	1202

Main Results for each time segment

06:45 - 07:00

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	29	7	407	0.070	28	0 0	0.1	10 831	B
C-AB	5	1	1042	0.005	5	0 0	0.0	3.632	A
C-A	707	177			707				
A-B	12	3			12				
A-C	657	164			657				

07:00 - 07:15

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	34	9	355	0.096	34	0.1	0.1	12.779	B
C-AB	7	2	1120	0.007	7	0 0	0.0	3.396	A
C-A	842	211			842				
A-B	14	4			14				
A-C	785	196			785				

07:15 - 07:30

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	42	10	278	0.151	42	0.1	0.2	17 388	C
C-AB	14	3	1237	0.011	14	0 0	0.0	3.108	A
C-A	1027	257			1027				
A-B	18	4			18				
A-C	961	240			961				

07:30 - 07:45

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	42	10	278	0.151	42	0 2	0.2	17.432	C
C-AB	14	3	1237	0.011	14	0 0	0.0	3.116	A
C-A	1027	257			1027				
A-B	18	4			18				
A-C	961	240			961				

07:45 - 08:00

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	34	9	355	0.096	34	0 2	0.1	12 816	B
C-AB	7	2	1120	0.007	7	0 0	0.0	3.416	A
C-A	842	211			842				
A-B	14	4			14				
A-C	785	196			785				

08:00 - 08:15

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	29	7	407	0.070	29	0.1	0.1	10 858	B
C-AB	5	1	1042	0.005	5	0 0	0.0	3.644	A
C-A	707	177			707				
A-B	12	3			12				
A-C	657	164			657				

2024 Base, PM

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Major road direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	untitled	T-Junction	Two-way		0.47	A

Junction Network Options

Driving side	Lighting
Left	Normal/unknown

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
D4	2024 Base	PM	ONE HOUR	16:15	17:45	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 (%)
A		ONE HOUR	✓	914	100.000
B		ONE HOUR	✓	29	100.000
C		ONE HOUR	✓	885	100.000

Origin-Destination Data

Demand (PCU/hr)

		To		
		A	B	C
From	A	0	37	877
	B	10	0	19
	C	857	28	0

Vehicle Mix

Heavy Vehicle Percentages

		To		
		A	B	C
From	A	0	0	4
	B	11	0	0
	C	5	0	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/hr)	Total Junction Arrivals (PCU)
B-AC	0.11	13 89	0.1	B	27	40
C-AB	0.14	3.99	0.4	A	106	159
C-A					706	1060
A-B					34	51
A-C					805	1207

Main Results for each time segment

16:15 - 16:30

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	22	5	427	0.051	22	0 0	0.1	9.178	A
C-AB	60	15	994	0.061	60	0 0	0.1	3.978	A
C-A	606	152			606				
A-B	28	7			28				
A-C	660	165			660				

16:30 - 16:45

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	26	7	377	0.069	26	0.1	0.1	10 620	B
C-AB	92	23	1062	0.087	92	0.1	0.2	3.841	A
C-A	703	176			703				
A-B	33	8			33				
A-C	788	197			788				

16:45 - 17:00

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	32	8	300	0.106	32	0.1	0.1	13 871	B
C-AB	164	41	1164	0.141	163	0 2	0.4	3.739	A
C-A	810	203			810				
A-B	41	10			41				
A-C	966	241			966				

17:00 - 17:15

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	32	8	300	0.106	32	0.1	0.1	13 894	B
C-AB	165	41	1164	0.141	165	0.4	0.4	3.755	A
C-A	810	202			810				
A-B	41	10			41				
A-C	966	241			966				

17:15 - 17:30

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	26	7	377	0.069	26	0.1	0.1	10 641	B
C-AB	93	23	1062	0.087	93	0.4	0.2	3.867	A
C-A	703	176			703				
A-B	33	8			33				
A-C	788	197			788				

17:30 - 17:45

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	22	5	427	0.051	22	0.1	0.1	9.195	A
C-AB	61	15	994	0.061	61	0 2	0.1	3.995	A
C-A	606	151			606				
A-B	28	7			28				
A-C	660	165			660				

2024 Base + Development, AM

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Major road direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	untitled	T-Junction	Two-way		0.37	A

Junction Network Options

Driving side	Lighting
Left	Normal/unknown

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 + Development	AM	ONE HOUR	06:45	08:15	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 (%)
A		ONE HOUR	✓	891	100.000
B		ONE HOUR	✓	38	100.000
C		ONE HOUR	✓	952	100.000

Origin-Destination Data

Demand (PCU/hr)

		To		
		A	B	C
From	A	0	16	875
	B	16	0	22
	C	950	2	0

Vehicle Mix

Heavy Vehicle Percentages

		To		
		A	B	C
From	A	0	7	7
	B	13	0	15
	C	7	0	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/hr)	Total Junction Arrivals (PCU)
B-AC	0.15	17 57	0 2	C	35	52
C-AB	0.01	3.63	0 0	A	9	13
C-A					865	1297
A-B					15	22
A-C					803	1204

Main Results for each time segment

06:45 - 07:00

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	29	7	406	0.070	28	0 0	0.1	10 860	B
C-AB	5	1	1045	0.005	5	0 0	0.0	3.621	A
C-A	712	178			712				
A-B	12	3			12				
A-C	659	165			659				

07:00 - 07:15

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	34	9	354	0.096	34	0.1	0.1	12 832	B
C-AB	8	2	1124	0.007	7	0 0	0.0	3.384	A
C-A	848	212			848				
A-B	14	4			14				
A-C	787	197			787				

07:15 - 07:30

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	42	10	276	0.152	42	0.1	0.2	17 522	C
C-AB	14	3	1242	0.011	14	0 0	0.0	3.095	A
C-A	1034	259			1034				
A-B	18	4			18				
A-C	963	241			963				

07:30 - 07:45

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	42	10	276	0.152	42	0 2	0.2	17 571	C
C-AB	14	3	1242	0.011	14	0 0	0.0	3.101	A
C-A	1034	259			1034				
A-B	18	4			18				
A-C	963	241			963				

07:45 - 08:00

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	34	9	354	0.096	34	0 2	0.1	12 870	B
C-AB	8	2	1124	0.007	8	0 0	0.0	3.404	A
C-A	848	212			848				
A-B	14	4			14				
A-C	787	197			787				

08:00 - 08:15

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	29	7	406	0.070	29	0.1	0.1	10 888	B
C-AB	5	1	1045	0.005	5	0 0	0.0	3.633	A
C-A	712	178			712				
A-B	12	3			12				
A-C	659	165			659				

2024 Base + Development, PM

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Major road direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	untitled	T-Junction	Two-way		0.47	A

Junction Network Options

Driving side	Lighting
Left	Normal/unknown

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 + Development	PM	ONE HOUR	16:15	17:45	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 (%)
A		ONE HOUR	✓	920	100.000
B		ONE HOUR	✓	29	100.000
C		ONE HOUR	✓	888	100.000

Origin-Destination Data

Demand (PCU/hr)

		To		
		A	B	C
From	A	0	37	883
	B	10	0	19
	C	860	28	0

Vehicle Mix

Heavy Vehicle Percentages

		To		
		A	B	C
From	A	0	0	4
	B	11	0	0
	C	5	0	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/hr)	Total Junction Arrivals (PCU)
B-AC	0.11	14 02	0.1	B	27	40
C-AB	0.14	3.99	0.4	A	107	160
C-A					708	1062
A-B					34	51
A-C					810	1215

Main Results for each time segment

16:15 - 16:30

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	22	5	426	0.051	22	0 0	0.1	9.211	A
C-AB	60	15	994	0.061	60	0 0	0.1	3.976	A
C-A	608	152			608				
A-B	28	7			28				
A-C	665	166			665				

16:30 - 16:45

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	26	7	375	0.070	26	0.1	0.1	10 675	B
C-AB	93	23	1063	0.087	93	0.1	0.2	3.837	A
C-A	706	176			706				
A-B	33	8			33				
A-C	794	198			794				

16:45 - 17:00

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	32	8	298	0.107	32	0.1	0.1	13 998	B
C-AB	166	41	1165	0.142	165	0 2	0.4	3.739	A
C-A	812	203			812				
A-B	41	10			41				
A-C	972	243			972				

17:00 - 17:15

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	32	8	298	0.107	32	0.1	0.1	14 025	B
C-AB	166	42	1166	0.143	166	0.4	0.4	3.751	A
C-A	812	203			812				
A-B	41	10			41				
A-C	972	243			972				

17:15 - 17:30

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	26	7	375	0.070	26	0.1	0.1	10 695	B
C-AB	93	23	1064	0.088	94	0.4	0.2	3.864	A
C-A	705	176			705				
A-B	33	8			33				
A-C	794	198			794				

17:30 - 17:45

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	22	5	426	0.051	22	0.1	0.1	9.228	A
C-AB	61	15	995	0.061	61	0 2	0.1	3.993	A
C-A	608	152			608				
A-B	28	7			28				
A-C	665	166			665				