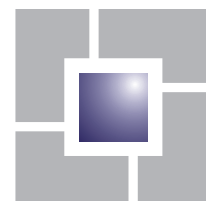


# **Banbury 200, Southam Road, Banbury**

## *Transport Assessment*



david tucker associates  
transport planning consultants

Banbury 200, Southam Road, Banbury

*Transport Assessment*

11<sup>th</sup> April 2018  
SJT/KM 19519-01c Transport Assessment

*Prepared by:*

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*Prepared For:*

**Graftongate Properties  
Limited**

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## **1.0 INTRODUCTION**

- 1.1 David Tucker Associates (DTA) have been commissioned by Graftongate Properties Limited to prepare a Transport Assessment in respect of proposals for the change of use of an existing employment site to the west of Southam Road, Banbury from B8 use to a mixed use of B1c, B2 and B8. The scheme also proposes the use of the site access from Ruscote Way to Southam Road. This access also serves as a service road for the new Waitrose store. The site location is shown on **Figure 1** and site layout plan is attached at **Appendix A**.
- 1.2 Pre-application advice received from Oxfordshire County Council (OCC) is attached at **Appendix B**. All of the issues raised have been addressed in this Transport Assessment.
- 1.3 This Transport Assessment has been prepared in accordance with the National Planning Policy Framework (NPPF) and National Planning Practice Guidance issued in March 2014, which replaces the previous Guidance on Transport Assessment (2007).
- 1.4 This report considers the transport and highways implications associated with the proposals and is structured as follows:
- Chapter 2: Policy Context;
  - Chapter 3: Existing Conditions;
  - Chapter 4: Development Proposals;
  - Chapter 5: Traffic Generation;
  - Chapter 6: Traffic Impact;
  - Chapter 7: Conclusions.
- 1.5 This Statement considers the potential transport and highways impacts of the proposals including the impact of development generated traffic on the capacity and safety of the surrounding road network. It is concluded that the proposed development would result in a reduction in the trip generation potential of the site compared to the existing use.

## 2.0 POLICY CONTEXT

### 2.1 National Guidance - National Planning Policy Framework

2.1.1 In March 2012, the Government published the National Planning Policy Framework (NPPF) which replaces much national policy previously found in Planning Policy Guidance/ Planning Policy Statements. This report should therefore be read in the context of the NPPF.

2.1.2 Two of the core planning principles held in the NPPF as set out in paragraph 17, include actively managing *“patterns of growth to make the fullest possible use of public transport, walking and cycling, and focus significant development in locations which are or can be made sustainable”* and to *“take account of and support local strategies to improve health, social and cultural wellbeing for all, and deliver sufficient community and cultural facilities and services to meet local needs.”*

2.1.3 Additionally, in promoting sustainable transport, paragraph 31 states that *“Local authorities should work with neighbouring authorities and transport providers to develop strategies for the provision of viable infrastructure necessary to support sustainable development”* and paragraph 32 states that *“All developments that generate significant amounts of movement should be supported by a Transport Statement or Transport Assessment. Plans and decisions should take account of whether:*

- *The opportunities for sustainable transport modes have been taken up depending on the nature and location of the site, to reduce the need for major transport infrastructure;*
- *Safe and suitable access to the site can be achieved for all people; and*
- *Improvements can be undertaken within the transport network that cost effectively limit the significant impacts of the development. Development should only be prevented or refused on transport grounds where the residual cumulative impacts of development are severe.”*

2.1.4 In reinforcing the principle of supporting sustainable development, paragraph 197 states that *“In assessing and determining development proposals, local planning authorities should apply the presumption in favour of sustainable development.”*



*National Planning Practice Guidance (March 2014)*

- 2.1.5 The Department for Communities and Local Government (CLG) recently published the Planning Practice Guidance (PPG), which reinforces the guidance contained in the NPPF.
- 2.1.6 The PPG in Paragraph: 002 Reference ID: 42-002-20140306 states that Travel Plans and Transport Assessments are ways of assessing and mitigating the negative transport impacts of development in order to promote sustainable development. They are required for all developments which generate significant amounts of movements.
- 2.1.7 The Guidance goes on to explain what these documents are, why they are important, what information they should contain and how they should relate to one another.

**2.2 Local Policy**

*Oxfordshire Local Transport Plan LTP3 2011 – 2030 (Updated May 2014)*

2.2.1 LTP3 – Banbury Area Strategy's main aims are to:

- Strengthen Banbury's position in the strategic road and rail network;
- Deliver transport schemes which make the best use of existing highway capacity and reduce congestion;
- Develop alternative north-south corridors to connect to the M40;
- Review car parking; and
- Enhance the town's bus, cycling and walking networks including proposals to provide a new link along Southam Road.

*Cherwell Local Plan (2011 – 2031)*

2.2.2 This document seeks to manage and promote development in the district up to 2031. The plan addresses a number of broad parameters including:

- A strategy for Cherwell;
- Policies for development in the district;
- Policies for Cherwell's places;



- Infrastructure, and
- Delivery.



### 3.0 EXISTING CONDITIONS

#### 3.1 Site Location

3.1.1 The site is located approximately 650m north of Banbury Town Centre. The site is within an already existing employment area and is occupied by Jacobs Douwe Egberts. The site currently comprises of approximately 17,475 sqm of B8 warehouse space and 520 sqm of office space. The location of the site is shown on **Figure 1**.

#### 3.2 Highway Network

3.2.1 The existing warehouse was accessed from Ruscote Avenue to the west of the site. Ruscote Avenue is approximately 8m in width within the vicinity of the site access and is subject to a 40mph speed limit. To the north of the current site access Ruscote Avenue forms a three-arm roundabout with Lockhead Close.

3.2.2 The new site access is via Southam Road to the east of the site. Southam Road is approximately 7.8m in width and forms a roundabout with Hennaf Way and Ruscote Avenue to the north of the site access. Southam Road is subject to a 40mph speed limit. To the north of the site Southam Road forms a four-arm roundabout with Hennaf Way and Ruscote Avenue. Junction 11 of the M40 motorway is located approximately 1.5km to the west of this four-arm roundabout.

3.2.3 A 7 day Automatic Traffic Count (ATC) recording traffic flows and speeds throughout each day was undertaken on Southam Road between 08/12/17 – 14/12/17. A summary of the ATC results for Southam Road is shown in **Table 1**. A copy of the surveys is attached at **Appendix C**.

**Table 1 – ATC Summary for Southam Road**

Direction	5 Day Ave.	7 Day Ave.	Average 85%ile (mph)	Average Mean (mph)	AM Peak	PM Peak
Northbound	6623	6071	34.0	27.54	389	368
Southbound	6485	5832	34.2	24.7	357	417

3.2.4 On the Monday and Tuesday of the survey there were snowy weather conditions however this has not made any significant difference to the results of the ATC.





### 3.3 Foot/ Cycle Connectivity

3.3.1 Footways are provided along both sides of Southam Road. A traffic-free towpath and cycle route along the canal is located 500m east of the site off Canada Close which provides a connection to Banbury Town Centre and the railway station.

3.3.2 A cycle lane is provided on the southbound carriageway of Southam Road from the four-arm roundabout with Hennaf Way and Ruscote Avenue to the traffic lights approximately 500m to the south of the site.

3.3.3 There is currently no footway connection from the Southam Road access to the site. A 2m footway will be provided on the southern side of the access road.

### 3.4 Public Transport

#### *Bus Services*

3.4.1 The closest bus stop to the site entrance is approximately 230m south of the site which translates into an approximate walking time of 3 minutes. The B4 weekday Dukes Meadow Shuttle has services hourly from 10:15 – 14:45. The 205 Saturday service (Leamington/ Harbury – Temple Herdewyke/ Banbury) stops here at 13:38.

#### *Rail Services*

3.4.2 Banbury Railway Station is approximately 1.6km to the south of the site via foot and cycle connectivity. In terms of facilities there is sheltered secure cycle storage and both a staffed ticket office and self-serve machines. There are a number of regular services that operate from this station which are summarised in **Table 2** below.

**Table 2** – Summary of PIC's by severity

Destination	Frequency	Journey time (mins)
Oxford	2 per hour	20
Birmingham New Street	2 per hour	54
Birmingham International	1 per hour	43
London Marylebone	3 per hour	70
Coventry	1 per hour	28



### 3.5 Personal Injury Collisions

3.5.1 Personal Injury Collision (PIC) data has been obtained from OCC for the most recent five year period from 01/01/2012 to 30/09/2017. The PIC output plans and full reports are attached in **Appendix D**. A summary of the accidents is provided in **Table 3**.

**Table 3** – Summary of PIC's by severity

Accident Severity	Slight	Serious	Fatal	Total
Number of PICs	28	9	0	37
% of Total	76%	24%	0%	100%

3.5.2 A total of 37 incidents were recorded over the five-year period stated above. The majority of incidents recorded as slight in nature were caused due to driver error by either failing to look properly or misjudging the path of another vehicle.

3.5.3 All of the incidents which were recorded as serious were caused due to factors not relating to the road layout or junction design. The most common causation factor was failing to look properly with 7 out of the 9 incidents being attributed to this cause. It is also important to note that no incidents have been recorded involving pedestrians.

3.5.4 It is therefore considered that there is currently no significant accident issue within the study area that would require intervention and that the proposed development will not be detrimental to the safe operation of the local highway network.

## 4.0 DEVELOPMENT PROPOSALS

### 4.1 Development Description

4.1.1 The proposals include the proposed change of use of the Banbury Finished Goods Warehouse from B8 use to a mixture of B1c, B2 B8 as well as the erection of 592 sqm of new office ancillary space. The gross internal area will increase from 18,214 sqm to 18,639 sqm. Plans showing the existing and proposed site layout are attached as **Appendix A**.

### 4.2 Vehicle Access

4.2.1 The site is currently accessed from Ruscote Avenue. It is proposed that the site access will change to Southam Road via the already existing access which was approved and built as part of the Waitrose planning application (ref: 15/00831/F).

4.2.2 The proposals include the extension of this access road to the west of Waitrose to provide access the site.

### 4.3 Servicing

4.3.1 Swept-path analysis for the site has been undertaken and is shown on **Drawing 19451-01a**. This demonstrates that an HGV can access the site, turn around and egress the site in forward gear. It also shows that two HGVs can pass each other on the site access road to enter and exit the site.

### 4.4 Parking

4.4.1 Car parking has been provided at a ratio of 1 per 100 sqm which is consistent with end-user requirements.



## 5.0 TRAFFIC GENERATION

### 5.1 Introduction

5.1.1 This Chapter reviews the potential traffic generation associated with the proposed change of use of the site. As part of this analysis, consideration is given to the previous use of the site, with it most recently operating as a warehouse.

### 5.2 Previous Use – Vehicle Trip Generation

5.2.1 The vehicle trip generation for the previous use of the site has been estimated using TRICS data. For this, vehicle trip rates were extracted for Land-Use '02 – Employment F – Warehousing (Commercial) and the full outputs are attached as **Appendix E**. The resulting trip generation is summarised in **Table 4** below.

**Table 4** – Previous Use Vehicle Trip Generation (17,475 sqm)

	Morning Peak (08:00 – 09:00)			Evening Peak (17:00 – 18:00)			12 Hours (07:00 – 19:00)		
	IN	OUT	TOTAL	IN	OUT	TOTAL	IN	OUT	TOTAL
<b>Total Vehicles</b>									
Trip Rates (Per 100sqm)	0.12	0.052	0.172	0.031	0.104	0.135	0.959	0.946	1.905
Trip Generation	22	9	31	6	19	25	173	170	343
<b>HGVs</b>									
Trip Rates (Per 100sqm)	0.031	0.025	0.056	0.016	0.031	0.047	0.427	0.462	0.889
Trip Generation	6	4	10	3	6	9	77	83	160
<b>PCUs</b>									
Trip Rate	28	13	41	9	25	34	250	253	503

### 5.3 Proposed Use – Vehicle Trip Generation

5.3.1 The vehicle trip generation for the proposed development has been estimated using TRICS data for Land-Use '02 – Employment C – Industrial Unit' and the full outputs are attached as **Appendix F**. The resulting trip generation is summarised in **Table 5** below.



**Table 5** – Proposed Use Vehicle Trip Generation (18,587 sqm)

	Morning Peak (08:00 – 09:00)			Evening Peak (17:00 – 18:00)			12 Hours (07:00 – 19:00)		
	IN	OUT	TOTAL	IN	OUT	TOTAL	IN	OUT	TOTAL
<b>Total Vehicles</b>									
Trip Rates (Per 100sqm)	0.204	0.052	0.256	0.039	0.177	0.216	1.631	1.328	2.595
Trip Generation	38	10	48	7	33	40	303	247	550
<b>HGVs</b>									
Trip Rates (Per 100sqm)	0.015	0.011	0.026	0	0	0	0.119	0.112	0.231
Trip Generation	3	2	5	0	0	0	22	21	43
<b>PCUs</b>									
Trip Rate	41	12	53	7	33	40	325	268	593

#### 5.4 Net Change in Vehicle Trip Generation

5.4.1 The net change in traffic generation for the site based on the above analysis is set out in **Table 6**. This shows that there would be modest increase in movements of around 17 two-way vehicle trips in the morning peak hour and 18 two-way trips in the evening peak hour, which is not significant.

**Table 6** – Net Change in Trip Generation

	Morning Peak (08:00 – 09:00)			Evening Peak (17:00 – 18:00)			12 Hours (07:00 – 19:00)		
	IN	OUT	TOTAL	IN	OUT	TOTAL	IN	OUT	TOTAL
Vehicles	+16	+1	+17	+1	+14	+15	+130	+77	+207
HGVs	-3	-2	-5	-3	-6	-9	-55	-62	-117
PCUs	+13	-1	+12	-2	+8	+6	+75	+15	+90

#### 5.5 Vehicle Trip Distribution

5.5.1 The forecast traffic generation has been distributed using 2011 Census Journey to Work data for the Cherwell 003 Middle Super Output Area (MSOA) within which the site is located. This information is attached as **Appendix G** and summarised below in **Table 7**.



**Table 7** – Distribution Summary

Workplace Destination	Percentage
Cherwell	65%
<i>Cherwell 001</i>	<i>3%</i>
<i>Cherwell 002</i>	<i>13%</i>
<i>Cherwell 003</i>	<i>8%</i>
<i>Cherwell 004</i>	<i>11%</i>
<i>Cherwell 005</i>	<i>11%</i>
<i>Cherwell 006</i>	<i>6%</i>
<i>Cherwell 007</i>	<i>4%</i>
<i>Cherwell 008</i>	<i>3%</i>
<i>Cherwell 009</i>	<i>2%</i>
<i>Cherwell 010</i>	<i>1%</i>
<i>Cherwell 013</i>	<i>1%</i>
<i>Cherwell 014</i>	<i>1%</i>
<i>Cherwell 016</i>	<i>1%</i>
South Northamptonshire	10%
Daventry	3%
Stratford-on-Avon	3%
West Oxfordshire	2%
Other*	17%
<b>Total</b>	<b>100%</b>

\* 'Other' comprises all other MSOAs with less than 1% distribution  
 Source: Journey to Work Statistics (2011 Census Data)

5.5.2 The assignment of the development generated vehicle trips onto the adjacent highway network was based on the 2011 Census resident origin data, with workplace locations assigned to the network through the use of online routing software. The resulting summary distribution flows are shown in **Figure 2**.

5.5.3 The resulting change in flows on Southam Road is very modest with less than 30 additional vehicles during the AM and PM peak hours.



## 6.0 TRAFFIC IMPACT

- 6.1.1 To put the above figures into context, the total two-way peak hour movements on the Southam Road recorded by the ATC are 746 and 785 trips in the respective peak hours. The net change in traffic generation therefore corresponds to an increase of 2% in the morning peak and 2% in the evening peak which is not significant.
- 6.1.2 Irrespective of this limited impact, a detailed assessment of the operation of the Southam Road/ Site Access junction has been undertaken using the PICADY module within Junctions 9. For this, the 2017 turning counts were factored to 2023 forecast levels using TEMPRO 7.0 for the Middle Super Output Area (MSOA) of Cherwell 003 within which the site is located. Development traffic was assigned through the junction based on the existing turning proportions as assigned using Census 2011 data and online routing software. To provide a robust assessment it has been assumed that 5 Waitrose vehicles will use the site access for HGV deliveries and home delivery vans. The assessment scenario flows are attached as **Appendix H**.
- 6.1.3 The PICADY outputs are attached as **Appendix I** and are summarised below in **Table 8**. The results of the assessment shows that the junction currently operates within capacity with the proposed development traffic and would continue to do so in the future with the proposed redevelopment.

**Table 8** –Junction Assessment Results

	AM Peak			PM Peak		
	Queue	Delay (s)	Max RFC	Queue	Delay (s)	Max RFC
2017 + Dev						
Site Access – Southam Road N	0.1	10.12	0.06	0.1	10.54	0.12
Southam Road S – Site Access	0.1	4.74	0.05	0.0	4.47	0.02
2023 + Dev						
Site Access – Southam Road N	0.1	10.59	0.06	0.1	11.03	0.13
Southam Road S – Site Access	0.1	4.66	0.05	0.0	4.37	0.02



## 6.2 **Summary**

- 6.2.1 The results of the above analysis shows that that the impact of the proposed change of use on the highway network within the vicinity of the site would not be significant or warrant any mitigation.

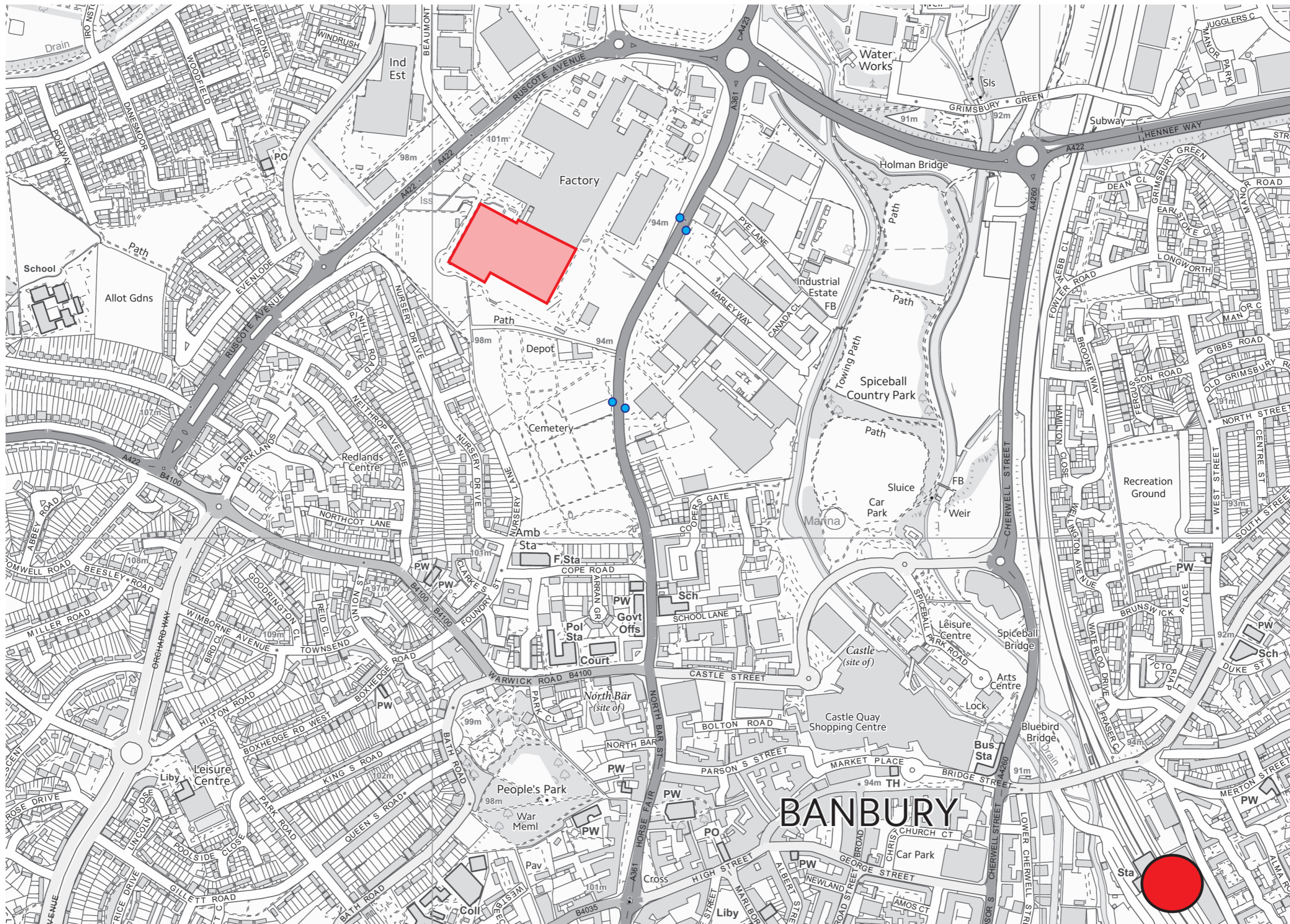




## **7.0 CONCLUSION**

- 7.1 This report has been prepared to assess the proposed change of use from B8 to a mixed use of B1c/ B2 and B8 as well as the erection of a new two-storey office ancillary service.
- 7.2 The report has reviewed the existing transport conditions and concludes that the site is within walking distance of Banbury Town Centre and within cycling distance of the railway station.
- 7.3 A review of Personal Injury Collision Data concludes that there are no existing highway safety issues which would need to be addressed with respect to the proposed development.
- 7.4 The site is within walking distance to bus stops and with access to the railway station also the local schools and bus stops, making the location sustainable.
- 7.5 In accordance with NPPF, the additional traffic would not have a material impact on the safety or operation on the local road network and it can clearly be concluded that the impact of the development will not be "severe" and overall there are no justifiable reasons for refusal on highway grounds.


## Figures



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Notes:

 Site Location

 Bus Stop

 Railway Station

Figure 1

Drawing Title

Job Title

Client

Site Location Plan

Banbury 200 Unit

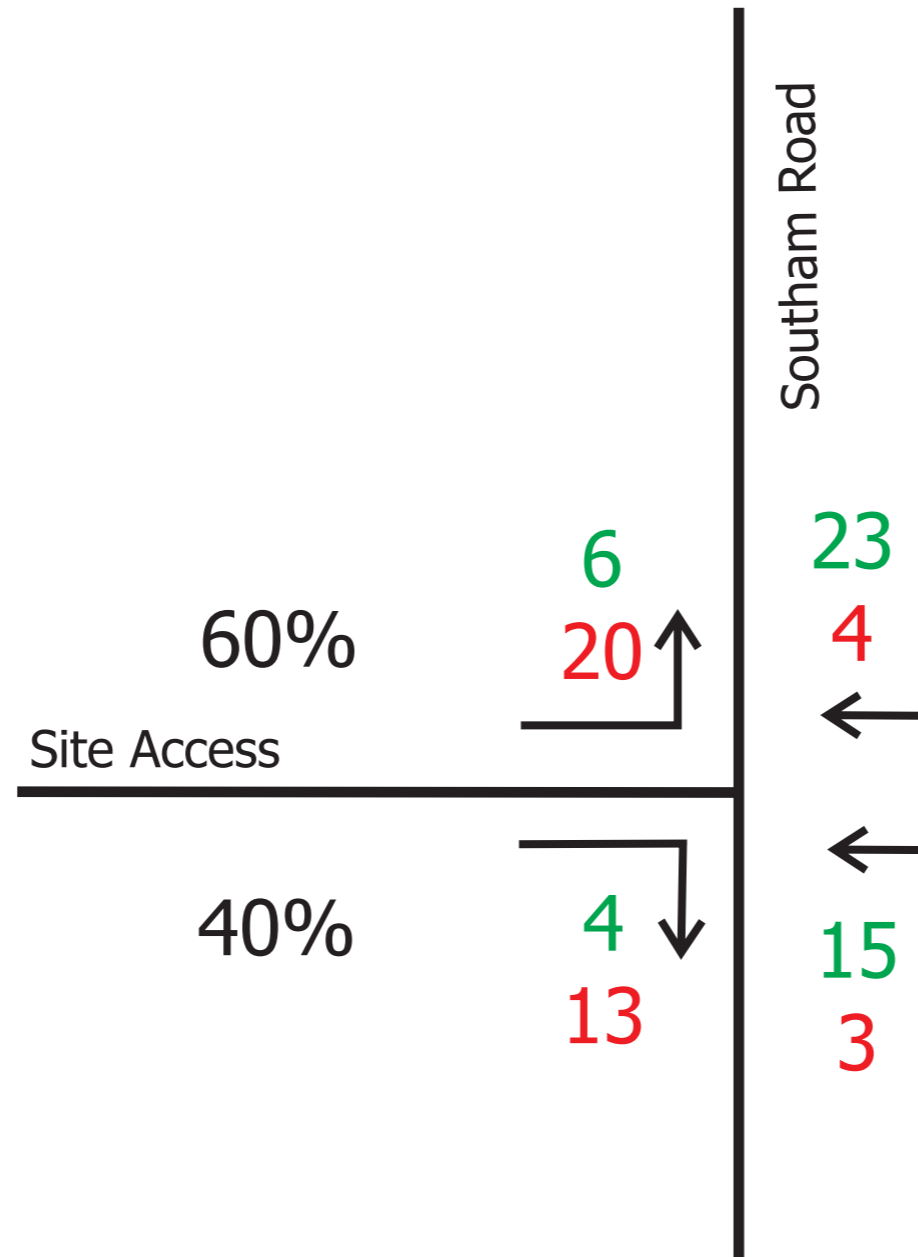
Graftongate Properties Limited

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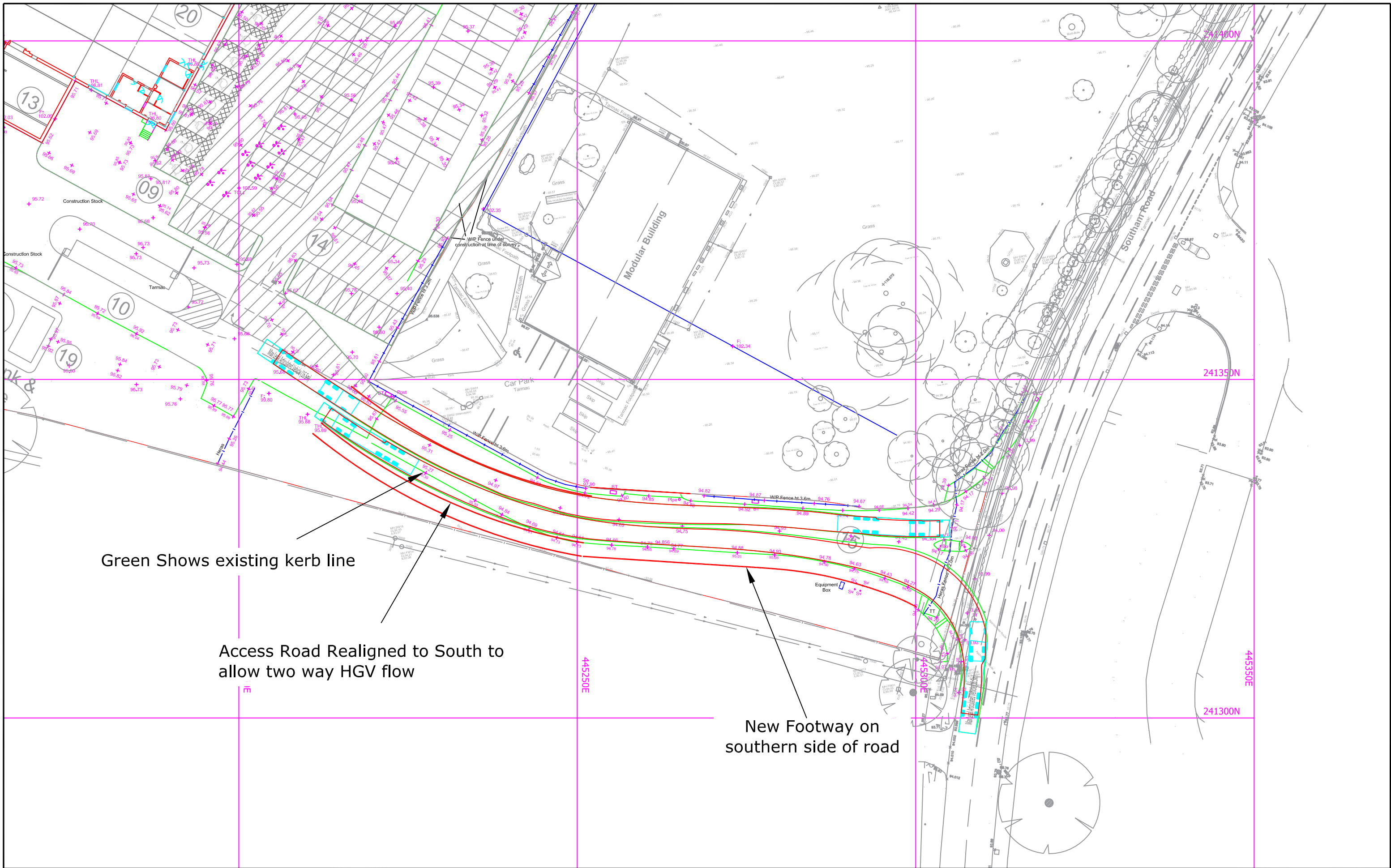
 NORTH

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AM Peak  
PM Peak



## Drawings



Green Shows existing kerb line

Access Road Realigned to South to allow two way HGV flow

New Footway on southern side of road

Based upon the ORDNANCE SURVEY MAPS with the permission of THE CONTROLLER OF HER MAJESTY'S STATIONERY OFFICE © Crown Copyright AL 100030412 © David Tucker Associates

REV	DESCRIPTION	DRAWN	INITIALS	DATE	DRAWING STATUS	CHECKED BY	DATE

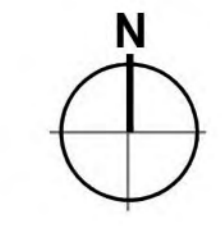


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JOB TITLE <b>Banbury 200</b>		CLIENT <b>Graftongate</b>	
DRAWING TITLE <b>Proposed Access</b>			
SCALE <b>1/500</b>	DRAWN BY <b>ST</b>	DATE <b>Feb 18</b>	DRAWING No <b>19519-01</b>
REVISION <b>A</b>			

## Appendix A

- Dimensions are in millimeters, unless stated otherwise.  
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A	Redline boundary adjusted to suit.	DG	GH	26.03.18
rev	amendments	by	ckd	date

**Banbury 200 Unit,**  
 Southam Road, Banbury  
 Existing Site Plan

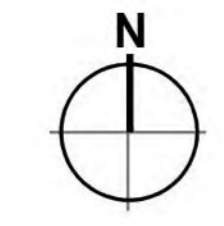


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Date:	13/10/17
Scale:	1:500 A1
Drawing no:	Revision:
16083 P002	A



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- 1) Full height over-clad façade. Existing glazing to warehouse will be replaced with translucent panels. Guarantee to be confirmed. Engineer to assess the capacity of existing structure.
- 2) Existing offices to be refurbished. (hatched area to be made good only)
- 3) External Cat ladder to be replaced (roof access strategy to be reviewed)
- 4) Existing Loading Doors & dock levellers to be removed & replaced.
- 5) Existing Canopy to be over-clad & made good
- 6) External concrete hardstanding to be extended. Existing landscape bund to be repositioned.
- 7) External yard to be made good. Hatched area denoted extent of concrete yard to be cut back and replaced. (Jockey Wheel damage)
- 8) Existing wheel guides to be removed. Not to be replaced.
- 9) Existing Vehicle wash and housing to be removed. Adjacent landscaping to be removed and replaced with hardstanding.
- 10) Gatehouse Island only to be installed. Services to gatehouse to be reviewed.
- 11) Remove existing landscape and replace with hardstanding to 2 no. new Level Access Doors.
- 12) Existing internal slab to be made good.
- 13) Existing windows to the pod to be removed and over-clad.
- 14) Extend hard surfacing and alter levels to create car park area..
- 15) Temporary construction traffic entrance.
- 16) Option for white masonry paint to internal blockwork walls.
- 17) Roof to be assessed to ensure a watertight facility. Eastern warehouse roof to have Receive a new layer of membrane & bitumen. Contractor to provide options for guarantees.
- 18) Western Warehouse Roof to be over-clad to provide a guarantee.
- 19) Sprinkler tank and pump house to be installed if required.
- 20) Existing Offices to be demolished. New first floor offices to be installed.
- 21) Existing dock levellers to be removed and over clad, external levels adjusted to suit new car park.

**Surfaces Key:**

- Concrete
- Tarmac
- Soft Landscaping

E	Entrance hatching clarified.	DG	GH	26.03.18
D	Yard area changed to concrete.	DG	GH	02.03.18
C	SW red line boundary amended. Parking and yard updated to suit.	AS	GH	22.02.18
B	Revised road, footway added as required and HGV parking spaces updated to suit.	DG	GH	12.02.18
A	Proposed surfacing types amended to allow consistency.	DG	GH	30/01/18
rev	amendments		by	ckd date

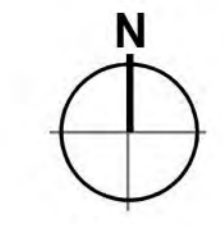
**Banbury 200 Unit,**  
 Southam Road, Banbury  
 Proposed Site Plan










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Date:	13/10/17
Scale:	1:500 A1
Drawing no:	Revision:
16083 P003	E

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Surfaces Key:

- |   |                                       |   |                       |
|---|---------------------------------------|---|-----------------------|
|  | 1 - Existing Tarmac                   |  | 4 - Proposed Tarmac   |
|  | 2 - Existing Concrete                 |  | 5 - Proposed Concrete |
|  | 3 - Existing Grass / Soft Landscaping |  | 6 - Proposed Gravel   |
|  | 7 - Proposed Grass / Soft Landscaping |   |                       |



C	Yard area changed to concrete.	DG	GH	02.03.18
B	SW red line boundary amended. Parking and yard updated to suit.	DG	GH	22.02.18
A	Proposed surfacing types amended to allow consistency, footway and road amended as required.	DG	GH	12.02.18
rev	amendments	by	ckd	date

Banbury 200 Unit,  
 Southam Road, Banbury  
 Proposed Surfacing Plan



Newark, Beacon Innovation Centre, Calfertala Way, Newark, Nottinghamshire NG24 2TN  
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Drawing Status:	Planning
Drawn / Checked:	DG / GH
Date:	23/01/18
Scale:	1:500 A1
Drawing no:	Revision:
16083 P006	C



## Appendix B

# **OXFORDSHIRE COUNTY COUNCIL'S PRE APPLICATION ADVICE ON THE RESPONSE TO CONSULTATION ON THE FOLLOWING DEVELOPMENT PROPOSAL**

**District:** Cherwell

**Application No:** 17/00342/PREAPP

**Proposal:** Extension of hard surfacing/car park and yard areas. Recladding of external façade. Replacement of existing dock and loading doors. Addition of new first floor office area.

**Location:** Warehouse Car Park and Land at Jacob Douwe Edberts, Ruscote Avenue, Banbury.

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## **Purpose of document**

This report sets out Oxfordshire County Council's view on the proposal.

This report contains officer advice in the form of a strategic response (if appropriate) and technical team response(s).

## **Where possible these comments contain:**

- Advice on the feasibility of the location.
- Advice on what to include in a full application.
- Advice on the need for any pre-application surveying to be undertaken.

## **Disclaimer**

Please note this advice represents the opinion of an Officer(s) of the Council only, which is given entirely without prejudice to the formal consideration of any planning application which may be submitted.

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**District:** Cherwell

**Application No:** 17/00342/PREAPP

**Proposal:** Extension of hard surfacing/car park and yard areas. Recladding of external façade. Replacement of existing dock and loading doors. Addition of new first floor office area.

**Location:** Warehouse Car Park and Land at Jacob Douwe Edberts, Ruscote Avenue, Banbury.

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## **Transport**

As you may be aware, Oxfordshire County Council is a consultee of the local planning authority and provides advice on the likely transport and highways impact of development where necessary.

It should be noted that the advice below represents the informal opinion of an Officer of the Council only, which is given entirely without prejudice to the formal consideration of any planning application, which may be submitted. Nevertheless the comments are given in good faith and fairly reflect an opinion at the time of drafting given the information submitted.

At this stage in the process, I set out the main issues/information that will need to be considered with the proposal.

The proposal is change of use of an existing warehouse building to B1, B2 and B8, with an access onto Southam Road.

### **Access arrangements**

The warehouse does not currently have access onto Southam Road as stated in the Design Statement. A new service access is being constructed in the position shown for the proposed access, to provide servicing to the new Waitrose store. There was no access in this position before. Use of this access for a much larger development would mean significant intensification of the use of this junction, and would require assessment as part of a Transport Assessment for the site.

The Design Statement also says that there would be little pedestrian access to the site and suggests that accessibility by non-car modes does not need to be considered. This would be a significant employment site, with a large population of potential employees in easy walking and cycling distance. In accordance with NPPF the site must provide opportunities for sustainable travel. There is an existing footway/cycleway on Southam Road, and facilities will need to be extended into the site to provide for safe walking and cycling to work. Covered, secure cycle parking will need to be provided on site in accordance with OCC's cycle parking standards, which can be supplied on request.

Additionally, opportunities should be sought for pedestrian (and potentially cycle) connections from other directions, to shorten people's walking distance to work and incentivise sustainable travel. There is a public right of way adjacent to the site, and a connection to this should be pursued.

### **Traffic impact**

The traffic impact on the local network should be assessed and a full Transport Assessment provided with the application, considering travel by all modes. It is recommended that scoping discussions are held with OCC. As stated above, the access onto Southam Road needs to be considered and the increase in peak time traffic will require it to be modelled using software such as PICADY. Trip generation and distribution will need to be demonstrated and this will form the basis of assessing the potential for impact on other junctions.

The application will also need to be accompanied by a draft travel plan, construction traffic management plan and delivery/servicing management plan, though the final versions of these could potentially be conditioned.

The Transport Assessment will need to quantify the impact in terms of HGV traffic, as well as car traffic associated with the site.

### **Parking**

We would expect parking to be provided in accordance with OCC's recommended parking standards for the new uses. The number of spaces will need to be demonstrated in the application.

We can also point you to guidance which is contained on the web, and the following links will direct you to a lot of the basic information needed to assist in the highway and transport consideration of many proposals.

**TRICS** – National information source for assisting the prediction of trip generation from new developments.

<http://www.trics.org/>

### **Cherwell**

Cherwell Local Plan 2011-2031 Part 1:

[Cherwell District Council - Local Plan Development Framework](#)

[Cherwell District Council - Planning advice and guidance](#)

### **Chargeable Pre-application Highways Advice**

If you need further assistance, either in the form of meeting, site visit, and or further written advice, we can provide that in accordance with our charging regime, which is also set out on Oxfordshire County Council web site <https://www.oxfordshire.gov.uk/cms/content/pre-application-highways-advice-major-planning-applications>

We do encourage this further input, as experience proves that well formulated plans prior to planning applications being made frequently produce better result for all parties. In addition, should on the rare occasion, the proposals be wholly unacceptable from a transport / highway safety or policy point of view, a more formal input at this stage can avoid abortive costs were the proposals to proceed further.

**Officer's Name: Joy White**

**Officer's Title: Principal Transport Planner**

**Date: 15 December 2017**

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## Appendix C

22455 BANBURY									
DECEMBER 2017									
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: 22455001	A361, Banbury (Cycle Path Sign) SP 45312 41312	Channel: Northbound	Fri 08-Dec-17	Thu 14-Dec-17	30	42494	6623	6071	34.0
		Channel: Southbound	Fri 08-Dec-17	Thu 14-Dec-17		40826	6485	5832	34.2



22455 BANBURY						
DECEMBER 2017						
Site	Location	Direction	Start Date	End Date	Posted Speed Limit (PSL)	Average Mean Speed
Site No: 22455001	A361, Banbury (Cycle Path Sign) SP 45312 41312	Channel: Northbound	Fri 08-Dec-17	Thu 14-Dec-17	30	27.5
		Channel: Southbound	Fri 08-Dec-17	Thu 14-Dec-17		24.7

22455 BANBURY Site No: 22455001 Location A361, Banbury (Cycle Path Sign)  
 Fri 08-Dec-17 to Thu 14-Dec-17 Channel: Northbound

TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	MOTOR-CYCLES%	CARS	CARS %	LGV	LGV %	HGV	HGV %	BUS	BUS %
<b>Fri 08-Dec-17</b>											
00:00	32	1	3.1	26	81.3	2	6.3	3	9.4	0	0.0
01:00	30	1	3.3	22	73.3	6	20.0	0	0.0	1	3.3
02:00	20	0	0.0	12	60.0	5	25.0	3	15.0	0	0.0
03:00	30	0	0.0	25	83.3	4	13.3	1	3.3	0	0.0
04:00	26	1	3.9	22	84.6	1	3.9	2	7.7	0	0.0
05:00	114	0	0.0	101	88.6	7	6.1	4	3.5	2	1.8
06:00	200	2	1.0	170	85.0	16	8.0	9	4.5	3	1.5
07:00	412	2	0.5	343	83.3	52	12.6	12	2.9	3	0.7
08:00	442	1	0.2	375	84.8	45	10.2	21	4.8	0	0.0
09:00	504	3	0.6	426	84.5	47	9.3	27	5.4	1	0.2
10:00	586	1	0.2	509	86.9	45	7.7	27	4.6	4	0.7
11:00	586	2	0.3	510	87.0	44	7.5	29	5.0	1	0.2
12:00	633	2	0.3	566	89.4	45	7.1	17	2.7	3	0.5
13:00	517	2	0.4	462	89.4	35	6.8	16	3.1	2	0.4
14:00	451	1	0.2	399	88.5	34	7.5	15	3.3	2	0.4
15:00	351	0	0.0	314	89.5	34	9.7	3	0.9	0	0.0
16:00	484	1	0.2	436	90.1	42	8.7	4	0.8	1	0.2
17:00	396	3	0.8	365	92.2	26	6.6	2	0.5	0	0.0
18:00	421	3	0.7	387	91.9	23	5.5	5	1.2	3	0.7
19:00	336	1	0.3	300	89.3	28	8.3	7	2.1	0	0.0
20:00	197	1	0.5	179	90.9	14	7.1	2	1.0	1	0.5
21:00	156	1	0.6	142	91.0	11	7.1	2	1.3	0	0.0
22:00	155	1	0.7	145	93.6	7	4.5	2	1.3	0	0.0
23:00	108	0	0.0	102	94.4	5	4.6	1	0.9	0	0.0
12H,7-19	5783	21	0.4	5092	88.1	472	8.2	178	3.1	20	0.4
16H,6-22	6672	26	0.4	5883	88.2	541	8.1	198	3.0	24	0.4
18H,6-24	6935	27	0.4	6130	88.4	553	8.0	201	2.9	24	0.4
24H,0-24	7187	30	0.4	6338	88.2	578	8.0	214	3.0	27	0.4

22455 BANBURY Site No: 22455001 Location A361, Banbury (Cycle Path Sign)  
 Fri 08-Dec-17 to Thu 14-Dec-17 Channel: Northbound

TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	MOTOR-CYCLES%	CARS	CARS %	LGV	LGV %	HGV	HGV %	BUS	BUS %
<b>Sat 09-Dec-17</b>											
00:00	82	0	0.0	79	96.3	3	3.7	0	0.0	0	0.0
01:00	49	1	2.0	43	87.8	4	8.2	1	2.0	0	0.0
02:00	23	1	4.4	19	82.6	3	13.0	0	0.0	0	0.0
03:00	36	0	0.0	33	91.7	3	8.3	0	0.0	0	0.0
04:00	34	0	0.0	30	88.2	4	11.8	0	0.0	0	0.0
05:00	79	0	0.0	67	84.8	7	8.9	4	5.1	1	1.3
06:00	108	1	0.9	92	85.2	11	10.2	3	2.8	1	0.9
07:00	144	1	0.7	117	81.3	20	13.9	6	4.2	0	0.0
08:00	297	0	0.0	254	85.5	35	11.8	6	2.0	2	0.7
09:00	430	0	0.0	390	90.7	35	8.1	5	1.2	0	0.0
10:00	615	1	0.2	563	91.5	44	7.2	7	1.1	0	0.0
11:00	582	2	0.3	534	91.8	35	6.0	11	1.9	0	0.0
12:00	553	5	0.9	526	95.1	15	2.7	7	1.3	0	0.0
13:00	625	2	0.3	585	93.6	28	4.5	10	1.6	0	0.0
14:00	718	1	0.1	679	94.6	31	4.3	7	1.0	0	0.0
15:00	604	0	0.0	576	95.4	17	2.8	10	1.7	1	0.2
16:00	574	1	0.2	541	94.3	23	4.0	9	1.6	0	0.0
17:00	504	1	0.2	476	94.4	24	4.8	3	0.6	0	0.0
18:00	365	0	0.0	339	92.9	22	6.0	2	0.6	2	0.6
19:00	270	1	0.4	257	95.2	10	3.7	2	0.7	0	0.0
20:00	175	0	0.0	161	92.0	13	7.4	1	0.6	0	0.0
21:00	127	2	1.6	115	90.6	10	7.9	0	0.0	0	0.0
22:00	123	0	0.0	118	95.9	5	4.1	0	0.0	0	0.0
23:00	100	0	0.0	93	93.0	6	6.0	1	1.0	0	0.0
12H,7-19	6011	14	0.2	5580	92.8	329	5.5	83	1.4	5	0.1
16H,6-22	6691	18	0.3	6205	92.7	373	5.6	89	1.3	6	0.1
18H,6-24	6914	18	0.3	6416	92.8	384	5.6	90	1.3	6	0.1
24H,0-24	7217	20	0.3	6687	92.7	408	5.7	95	1.3	7	0.1

22455 BANBURY Site No: 22455001 Location A361, Banbury (Cycle Path Sign)  
 Fri 08-Dec-17 to Thu 14-Dec-17 Channel: Northbound

TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	MOTOR-CYCLES%	CARS	CARS %	LGV	LGV %	HGV	HGV %	BUS	BUS %
<b>Sun 10-Dec-17</b>											
00:00	89	0	0.0	84	94.4	5	5.6	0	0.0	0	0.0
01:00	52	0	0.0	44	84.6	5	9.6	2	3.9	1	1.9
02:00	39	0	0.0	33	84.6	5	12.8	1	2.6	0	0.0
03:00	34	0	0.0	32	94.1	1	2.9	1	2.9	0	0.0
04:00	26	0	0.0	24	92.3	2	7.7	0	0.0	0	0.0
05:00	47	0	0.0	44	93.6	3	6.4	0	0.0	0	0.0
06:00	53	0	0.0	51	96.2	2	3.8	0	0.0	0	0.0
07:00	54	0	0.0	49	90.7	5	9.3	0	0.0	0	0.0
08:00	91	0	0.0	85	93.4	5	5.5	0	0.0	1	1.1
09:00	67	0	0.0	61	91.0	6	9.0	0	0.0	0	0.0
10:00	75	2	2.7	67	89.3	6	8.0	0	0.0	0	0.0
11:00	156	2	1.3	149	95.5	3	1.9	2	1.3	0	0.0
12:00	204	1	0.5	190	93.1	11	5.4	2	1.0	0	0.0
13:00	185	0	0.0	169	91.4	14	7.6	2	1.1	0	0.0
14:00	225	0	0.0	216	96.0	9	4.0	0	0.0	0	0.0
15:00	200	1	0.5	187	93.5	10	5.0	1	0.5	1	0.5
16:00	135	1	0.7	129	95.6	4	3.0	1	0.7	0	0.0
17:00	95	1	1.1	90	94.7	3	3.2	1	1.1	0	0.0
18:00	111	1	0.9	107	96.4	2	1.8	1	0.9	0	0.0
19:00	67	0	0.0	64	95.5	3	4.5	0	0.0	0	0.0
20:00	51	0	0.0	49	96.1	2	3.9	0	0.0	0	0.0
21:00	54	1	1.9	48	88.9	5	9.3	0	0.0	0	0.0
22:00	35	4	11.4	25	71.4	4	11.4	2	5.7	0	0.0
23:00	17	0	0.0	16	94.1	1	5.9	0	0.0	0	0.0
12H,7-19	1598	9	0.6	1499	93.8	78	4.9	10	0.6	2	0.1
16H,6-22	1823	10	0.6	1711	93.9	90	4.9	10	0.6	2	0.1
18H,6-24	1875	14	0.8	1752	93.4	95	5.1	12	0.6	2	0.1
24H,0-24	2162	14	0.7	2013	93.1	116	5.4	16	0.7	3	0.1

22455 BANBURY Site No: 22455001 Location A361, Banbury (Cycle Path Sign)  
 Fri 08-Dec-17 to Thu 14-Dec-17 Channel: Northbound

TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	MOTOR-CYCLES%	CARS	CARS %	LGV	LGV %	HGV	HGV %	BUS	BUS %
<b>Mon 11-Dec-17</b>											
00:00	9	0	0.0	8	88.9	1	11.1	0	0.0	0	0.0
01:00	13	0	0.0	11	84.6	1	7.7	1	7.7	0	0.0
02:00	8	0	0.0	4	50.0	3	37.5	1	12.5	0	0.0
03:00	19	0	0.0	12	63.2	4	21.1	3	15.8	0	0.0
04:00	25	0	0.0	20	80.0	4	16.0	0	0.0	1	4.0
05:00	100	2	2.0	85	85.0	8	8.0	2	2.0	3	3.0
06:00	152	3	2.0	134	88.2	12	7.9	1	0.7	2	1.3
07:00	298	2	0.7	253	84.9	33	11.1	9	3.0	1	0.3
08:00	378	3	0.8	323	85.5	44	11.6	7	1.9	1	0.3
09:00	357	0	0.0	304	85.2	42	11.8	9	2.5	2	0.6
10:00	413	1	0.2	340	82.3	59	14.3	10	2.4	3	0.7
11:00	443	0	0.0	391	88.3	40	9.0	10	2.3	2	0.5
12:00	455	0	0.0	398	87.5	44	9.7	9	2.0	4	0.9
13:00	520	0	0.0	452	86.9	57	11.0	10	1.9	1	0.2
14:00	544	1	0.2	492	90.4	32	5.9	19	3.5	0	0.0
15:00	535	1	0.2	482	90.1	32	6.0	18	3.4	2	0.4
16:00	422	0	0.0	387	91.7	26	6.2	9	2.1	0	0.0
17:00	401	0	0.0	356	88.8	35	8.7	10	2.5	0	0.0
18:00	320	0	0.0	305	95.3	9	2.8	6	1.9	0	0.0
19:00	199	5	2.5	179	90.0	13	6.5	2	1.0	0	0.0
20:00	134	0	0.0	122	91.0	12	9.0	0	0.0	0	0.0
21:00	92	0	0.0	83	90.2	4	4.4	3	3.3	2	2.2
22:00	70	2	2.9	58	82.9	7	10.0	3	4.3	0	0.0
23:00	35	0	0.0	31	88.6	3	8.6	1	2.9	0	0.0
<b>12H,7-19</b>	<b>5086</b>	<b>8</b>	<b>0.2</b>	<b>4483</b>	<b>88.1</b>	<b>453</b>	<b>8.9</b>	<b>126</b>	<b>2.5</b>	<b>16</b>	<b>0.3</b>
<b>16H,6-22</b>	<b>5663</b>	<b>16</b>	<b>0.3</b>	<b>5001</b>	<b>88.3</b>	<b>494</b>	<b>8.7</b>	<b>132</b>	<b>2.3</b>	<b>20</b>	<b>0.4</b>
<b>18H,6-24</b>	<b>5768</b>	<b>18</b>	<b>0.3</b>	<b>5090</b>	<b>88.3</b>	<b>504</b>	<b>8.7</b>	<b>136</b>	<b>2.4</b>	<b>20</b>	<b>0.4</b>
<b>24H,0-24</b>	<b>5942</b>	<b>20</b>	<b>0.3</b>	<b>5230</b>	<b>88.0</b>	<b>525</b>	<b>8.8</b>	<b>143</b>	<b>2.4</b>	<b>24</b>	<b>0.4</b>

22455 BANBURY Site No: 22455001 Location A361, Banbury (Cycle Path Sign)  
 Fri 08-Dec-17 to Thu 14-Dec-17 Channel: Northbound

TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	MOTOR-CYCLES%	CARS	CARS %	LGV	LGV %	HGV	HGV %	BUS	BUS %
<b>Tue 12-Dec-17</b>											
00:00	25	0	0.0	23	92.0	0	0.0	1	4.0	1	4.0
01:00	15	1	6.7	10	66.7	4	26.7	0	0.0	0	0.0
02:00	17	0	0.0	12	70.6	2	11.8	2	11.8	1	5.9
03:00	16	0	0.0	15	93.8	0	0.0	1	6.3	0	0.0
04:00	30	2	6.7	25	83.3	3	10.0	0	0.0	0	0.0
05:00	113	1	0.9	103	91.2	5	4.4	2	1.8	2	1.8
06:00	199	0	0.0	176	88.4	19	9.6	2	1.0	2	1.0
07:00	399	2	0.5	347	87.0	43	10.8	6	1.5	1	0.3
08:00	351	1	0.3	310	88.3	30	8.6	8	2.3	2	0.6
09:00	371	2	0.5	316	85.2	42	11.3	11	3.0	0	0.0
10:00	394	1	0.3	332	84.3	41	10.4	18	4.6	2	0.5
11:00	503	1	0.2	431	85.7	51	10.1	18	3.6	2	0.4
12:00	506	1	0.2	435	86.0	58	11.5	12	2.4	0	0.0
13:00	534	1	0.2	458	85.8	49	9.2	25	4.7	1	0.2
14:00	537	1	0.2	464	86.4	58	10.8	14	2.6	0	0.0
15:00	401	1	0.3	361	90.0	26	6.5	11	2.7	2	0.5
16:00	494	0	0.0	452	91.5	32	6.5	9	1.8	1	0.2
17:00	406	0	0.0	366	90.2	24	5.9	16	3.9	0	0.0
18:00	361	2	0.6	330	91.4	23	6.4	5	1.4	1	0.3
19:00	227	1	0.4	213	93.8	10	4.4	2	0.9	1	0.4
20:00	202	1	0.5	191	94.6	8	4.0	2	1.0	0	0.0
21:00	164	2	1.2	151	92.1	8	4.9	2	1.2	1	0.6
22:00	97	1	1.0	87	89.7	7	7.2	2	2.1	0	0.0
23:00	50	0	0.0	43	86.0	4	8.0	2	4.0	1	2.0
12H,7-19	5257	13	0.3	4602	87.5	477	9.1	153	2.9	12	0.2
16H,6-22	6049	17	0.3	5333	88.2	522	8.6	161	2.7	16	0.3
18H,6-24	6196	18	0.3	5463	88.2	533	8.6	165	2.7	17	0.3
24H,0-24	6412	22	0.3	5651	88.1	547	8.5	171	2.7	21	0.3

22455 BANBURY Site No: 22455001 Location A361, Banbury (Cycle Path Sign)  
 Fri 08-Dec-17 to Thu 14-Dec-17 Channel: Northbound

TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	MOTOR-CYCLES%	CARS	CARS %	LGV	LGV %	HGV	HGV %	BUS	BUS %
<b>Wed 13-Dec-17</b>											
00:00	24	1	4.2	19	79.2	4	16.7	0	0.0	0	0.0
01:00	28	1	3.6	22	78.6	2	7.1	3	10.7	0	0.0
02:00	23	1	4.4	16	69.6	6	26.1	0	0.0	0	0.0
03:00	21	0	0.0	18	85.7	2	9.5	1	4.8	0	0.0
04:00	32	1	3.1	26	81.3	5	15.6	0	0.0	0	0.0
05:00	112	2	1.8	96	85.7	8	7.1	4	3.6	2	1.8
06:00	243	8	3.3	203	83.5	22	9.1	9	3.7	1	0.4
07:00	452	0	0.0	393	87.0	45	10.0	13	2.9	1	0.2
08:00	380	2	0.5	345	90.8	17	4.5	15	4.0	1	0.3
09:00	355	2	0.6	304	85.6	31	8.7	17	4.8	1	0.3
10:00	536	4	0.8	455	84.9	52	9.7	21	3.9	4	0.8
11:00	571	3	0.5	503	88.1	36	6.3	25	4.4	4	0.7
12:00	486	1	0.2	436	89.7	33	6.8	16	3.3	0	0.0
13:00	521	1	0.2	469	90.0	34	6.5	15	2.9	2	0.4
14:00	612	2	0.3	536	87.6	44	7.2	26	4.3	4	0.7
15:00	516	0	0.0	458	88.8	42	8.1	14	2.7	2	0.4
16:00	509	1	0.2	465	91.4	37	7.3	6	1.2	0	0.0
17:00	315	0	0.0	281	89.2	14	4.4	9	2.9	11	3.5
18:00	353	3	0.9	327	92.6	13	3.7	6	1.7	4	1.1
19:00	316	1	0.3	289	91.5	22	7.0	3	1.0	1	0.3
20:00	239	0	0.0	217	90.8	14	5.9	8	3.4	0	0.0
21:00	181	2	1.1	158	87.3	14	7.7	6	3.3	1	0.6
22:00	142	1	0.7	132	93.0	9	6.3	0	0.0	0	0.0
23:00	91	0	0.0	83	91.2	3	3.3	5	5.5	0	0.0
12H,7-19	5606	19	0.3	4972	88.7	398	7.1	183	3.3	34	0.6
16H,6-22	6585	30	0.5	5839	88.7	470	7.1	209	3.2	37	0.6
18H,6-24	6818	31	0.5	6054	88.8	482	7.1	214	3.1	37	0.5
24H,0-24	7058	37	0.5	6251	88.6	509	7.2	222	3.2	39	0.6

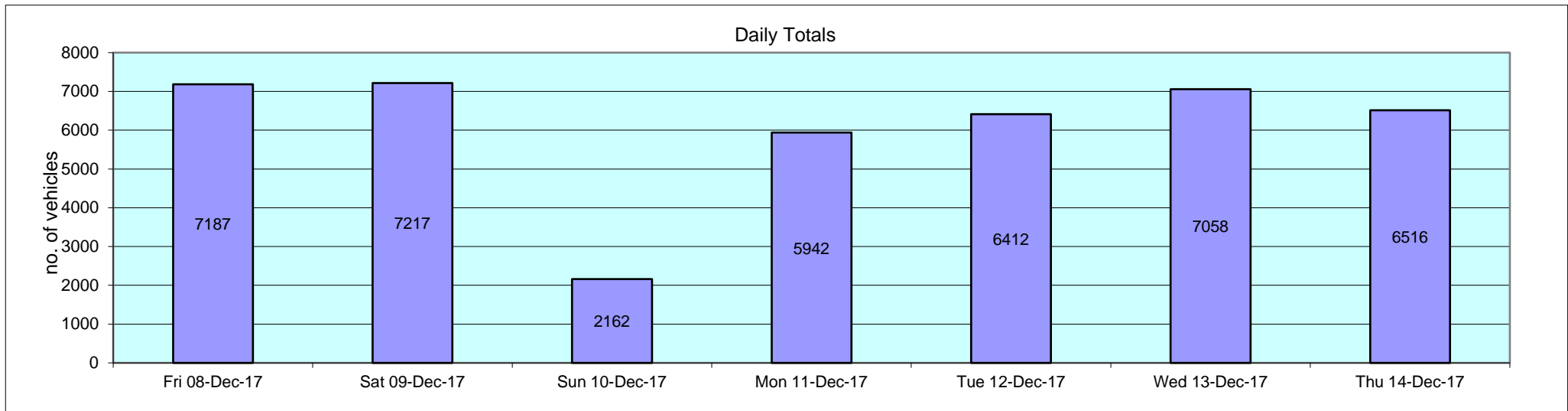
22455 BANBURY Site No: 22455001 Location A361, Banbury (Cycle Path Sign)  
 Fri 08-Dec-17 to Thu 14-Dec-17 Channel: Northbound

TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	MOTOR-CYCLES%	CARS	CARS %	LGV	LGV %	HGV	HGV %	BUS	BUS %
<b>Thu 14-Dec-17</b>											
00:00	27	0	0.0	20	74.1	7	25.9	0	0.0	0	0.0
01:00	32	3	9.4	28	87.5	1	3.1	0	0.0	0	0.0
02:00	23	0	0.0	19	82.6	3	13.0	1	4.4	0	0.0
03:00	30	0	0.0	24	80.0	5	16.7	1	3.3	0	0.0
04:00	31	0	0.0	24	77.4	3	9.7	3	9.7	1	3.2
05:00	124	1	0.8	105	84.7	13	10.5	3	2.4	2	1.6
06:00	247	4	1.6	213	86.2	20	8.1	9	3.6	1	0.4
07:00	428	0	0.0	369	86.2	40	9.4	17	4.0	2	0.5
08:00	394	1	0.3	351	89.1	28	7.1	12	3.1	2	0.5
09:00	475	1	0.2	400	84.2	49	10.3	22	4.6	3	0.6
10:00	514	4	0.8	444	86.4	46	9.0	19	3.7	1	0.2
11:00	512	2	0.4	442	86.3	46	9.0	20	3.9	2	0.4
12:00	437	2	0.5	387	88.6	34	7.8	13	3.0	1	0.2
13:00	448	3	0.7	404	90.2	26	5.8	13	2.9	2	0.5
14:00	403	2	0.5	358	88.8	34	8.4	9	2.2	0	0.0
15:00	355	2	0.6	325	91.6	19	5.4	8	2.3	1	0.3
16:00	338	2	0.6	302	89.4	12	3.6	14	4.1	8	2.4
17:00	324	3	0.9	302	93.2	9	2.8	9	2.8	1	0.3
18:00	361	1	0.3	340	94.2	12	3.3	8	2.2	0	0.0
19:00	388	0	0.0	366	94.3	17	4.4	5	1.3	0	0.0
20:00	210	1	0.5	191	91.0	14	6.7	4	1.9	0	0.0
21:00	192	4	2.1	179	93.2	7	3.7	2	1.0	0	0.0
22:00	144	0	0.0	128	88.9	12	8.3	4	2.8	0	0.0
23:00	79	0	0.0	71	89.9	6	7.6	2	2.5	0	0.0
12H,7-19	4989	23	0.5	4424	88.7	355	7.1	164	3.3	23	0.5
16H,6-22	6026	32	0.5	5373	89.2	413	6.9	184	3.1	24	0.4
18H,6-24	6249	32	0.5	5572	89.2	431	6.9	190	3.0	24	0.4
24H,0-24	6516	36	0.6	5792	88.9	463	7.1	198	3.0	27	0.4



22455 BANBURY Site No: 22455001 Location A361, Banbury (Cycle Path Sign)  
 Fri 08-Dec-17 to Thu 14-Dec-17 Channel: Northbound

TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	MOTOR-CYCLES%	CARS	CARS %	LGV	LGV %	HGV	HGV %	BUS	BUS %
<b>Daily Totals</b>											
Fri 08-Dec-17	7187	30	0.4	6338	88.2	578	8.0	214	3.0	27	0.4
Sat 09-Dec-17	7217	20	0.3	6687	92.7	408	5.7	95	1.3	7	0.1
Sun 10-Dec-17	2162	14	0.7	2013	93.1	116	5.4	16	0.7	3	0.1
Mon 11-Dec-17	5942	20	0.3	5230	88.0	525	8.8	143	2.4	24	0.4
Tue 12-Dec-17	6412	22	0.3	5651	88.1	547	8.5	171	2.7	21	0.3
Wed 13-Dec-17	7058	37	0.5	6251	88.6	509	7.2	222	3.2	39	0.6
Thu 14-Dec-17	6516	36	0.6	5792	88.9	463	7.1	198	3.0	27	0.4
<b>Total Vehicles</b>											
[--]	42494	179	0.4	37962	89.7	3146	7.3	1059	2.3	148	0.3



22455 BANBURY Site No: 22455001 Location A361, Banbury (Cycle Path Sign)  
 Fri 08-Dec-17 to Thu 14-Dec-17 Channel: Northbound

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
<b>Fri 08-Dec-17</b>																
00:00	32	40	35.1	5.8	0	0	0	0	2	5	10	12	2	1	0	0
01:00	30	48	40.5	8.2	0	0	1	0	0	1	5	8	8	5	2	0
02:00	20	42.3	35.8	7.8	0	0	0	0	2	3	6	5	2	1	1	0
03:00	30	42.7	37.3	7.3	0	0	0	0	0	5	9	10	3	1	1	1
04:00	26	45.5	38.7	8.5	0	1	0	0	0	2	4	8	7	4	0	0
05:00	114	40.5	35	6.1	0	0	0	0	4	23	44	28	8	6	1	0
06:00	200	39.8	34.5	5.5	0	0	1	1	4	41	81	55	11	6	0	0
07:00	412	37.4	32.2	5.4	0	0	4	3	40	100	184	67	13	1	0	0
08:00	442	32.8	27.5	5.6	0	3	12	36	85	210	80	15	1	0	0	0
09:00	504	33.5	27.5	6.1	1	2	24	39	93	212	115	15	3	0	0	0
10:00	586	33.3	27.4	6	1	3	22	55	105	261	109	29	1	0	0	0
11:00	586	33	27.5	5.9	3	8	16	29	118	278	116	14	4	0	0	0
12:00	633	30.8	24.7	6.6	0	25	33	104	169	217	72	12	0	1	0	0
13:00	517	30.9	25.7	6.5	0	9	34	58	134	208	54	15	4	1	0	0
14:00	451	29.7	22.8	6.9	3	25	56	62	143	127	35	0	0	0	0	0
15:00	351	31.6	26.6	5.3	0	4	9	19	116	144	53	5	1	0	0	0
16:00	484	34	28.8	5.5	1	3	7	21	73	234	119	21	4	1	0	0
17:00	396	34	29	4.7	0	0	2	11	77	183	105	16	2	0	0	0
18:00	421	35.2	30.4	4.7	0	0	1	6	47	190	135	38	4	0	0	0
19:00	336	35.8	31.8	4.4	0	0	0	0	17	134	139	38	8	0	0	0
20:00	197	37	32.5	5.6	0	0	0	2	13	59	88	26	4	3	1	1
21:00	156	38.8	33.3	5.5	0	0	1	1	5	44	62	34	7	1	1	0
22:00	155	38.9	33.8	5.3	0	1	0	0	4	34	72	35	6	3	0	0
23:00	108	39.7	34.4	5	0	0	0	0	4	18	50	26	10	0	0	0
12H,7-19	5783	33.5	27.4	6.3	9	82	220	443	1200	2364	1177	247	37	4	0	0
16H,6-22	6672	34.3	28.1	6.5	9	82	222	447	1239	2642	1547	400	67	14	2	1
18H,6-24	6935	34.6	28.3	6.5	9	83	222	447	1247	2694	1669	461	83	17	2	1
24H,0-24	7187	34.9	28.6	6.7	9	84	223	447	1255	2733	1747	532	113	35	7	2

22455		BANBURY			Site No: 22455001		Location A361, Banbury (Cycle Path Sign)									
Fri 08-Dec-17 to Thu 14-Dec-17					Channel: Northbound											
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 09-Dec-17																
00:00	82	39.8	35	5.4	0	0	0	0	5	7	39	24	5	1	1	0
01:00	49	40.8	37	6.4	0	0	1	0	0	4	14	23	3	3	1	0
02:00	23	43.2	37	5.7	0	0	0	0	0	4	6	6	7	0	0	0
03:00	36	45.1	38.8	6.4	0	0	0	0	0	3	11	8	10	3	1	0
04:00	34	41.3	36.9	4.9	0	0	0	0	0	5	7	16	6	0	0	0
05:00	79	40	34.8	5.9	0	0	0	0	3	13	37	17	6	1	2	0
06:00	108	41.7	34.8	6.6	0	1	0	1	4	21	37	25	16	3	0	0
07:00	144	39.8	33.5	6	0	0	1	2	7	39	46	35	13	1	0	0
08:00	297	36.5	32.2	4.9	0	0	2	2	11	99	134	39	9	1	0	0
09:00	430	35.5	31	4.7	0	0	1	2	51	158	171	43	4	0	0	0
10:00	615	34.6	29.2	5.4	0	2	10	26	97	257	182	39	1	1	0	0
11:00	582	34.1	28.4	5.8	0	3	19	29	95	262	139	30	5	0	0	0
12:00	553	31	25.5	6.3	4	2	38	79	133	215	67	14	1	0	0	0
13:00	625	33.1	27.3	6	1	16	13	34	141	267	137	15	1	0	0	0
14:00	718	31.9	25.6	6.5	1	14	58	66	191	260	116	10	1	1	0	0
15:00	604	30.7	25.4	5.8	0	5	29	84	195	213	61	16	1	0	0	0
16:00	574	33.4	27.9	5.4	0	3	6	37	138	250	113	22	5	0	0	0
17:00	504	34.9	29.8	5	0	2	2	10	73	221	155	37	4	0	0	0
18:00	365	35.6	31.3	5	0	0	1	5	32	130	153	33	10	1	0	0
19:00	270	38.5	33.1	5.2	0	0	0	5	6	79	115	48	15	2	0	0
20:00	175	39.5	34	5.6	0	0	0	1	5	45	71	37	12	3	1	0
21:00	127	40.4	34.4	5.9	0	0	2	0	2	26	53	28	14	2	0	0
22:00	123	39.9	34.6	5.1	0	0	0	0	5	18	60	27	12	1	0	0
23:00	100	39.4	34.6	5	0	0	0	0	1	19	47	26	5	1	1	0
12H,7-19	6011	34.3	28.2	6.1	6	47	180	376	1164	2371	1474	333	55	5	0	0
16H,6-22	6691	34.8	28.8	6.3	6	48	182	383	1181	2542	1750	471	112	15	1	0
18H,6-24	6914	35	29	6.4	6	48	182	383	1187	2579	1857	524	129	17	2	0
24H,0-24	7217	35.3	29.3	6.5	6	48	183	383	1195	2615	1971	618	166	25	7	0

22455 BANBURY Site No: 22455001 Location A361, Banbury (Cycle Path Sign)  
 Fri 08-Dec-17 to Thu 14-Dec-17 Channel: Northbound

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
<b>Sun 10-Dec-17</b>																
00:00	89	44	37.5	6.7	0	0	0	0	2	8	32	23	17	3	3	1
01:00	52	43.1	35.7	7	0	0	0	1	0	14	13	14	4	6	0	0
02:00	39	43.1	36.3	5.9	0	0	0	0	1	6	13	8	11	0	0	0
03:00	34	44.1	38.4	5.6	0	0	0	0	0	4	7	10	12	1	0	0
04:00	26	36.8	30.4	6.3	0	0	0	1	6	7	7	4	1	0	0	0
05:00	47	27.4	23.2	4.2	0	0	1	12	24	9	1	0	0	0	0	0
06:00	53	24.9	19.3	5.1	0	1	13	22	11	6	0	0	0	0	0	0
07:00	54	24.4	19.6	5.1	0	4	4	26	17	2	1	0	0	0	0	0
08:00	91	23.2	18.9	4.2	0	4	11	52	22	2	0	0	0	0	0	0
09:00	67	23.8	18.5	5.2	0	4	16	27	17	2	1	0	0	0	0	0
10:00	75	25.2	20.8	5	0	1	10	26	31	6	0	1	0	0	0	0
11:00	156	26.9	22.8	4.4	0	2	1	47	78	24	4	0	0	0	0	0
12:00	204	28.7	23.5	4.7	0	2	2	57	83	54	5	1	0	0	0	0
13:00	185	29.8	25.1	4.8	0	1	3	22	87	57	12	3	0	0	0	0
14:00	225	29.7	25	4.5	0	0	4	24	115	65	15	2	0	0	0	0
15:00	200	31.4	26.8	4.6	0	0	0	13	80	74	30	3	0	0	0	0
16:00	135	31.1	27.4	4.8	0	0	2	9	31	72	18	2	1	0	0	0
17:00	95	34.1	29.2	5.3	0	0	1	1	21	43	23	2	4	0	0	0
18:00	111	33.5	28.7	4.7	0	0	0	6	19	56	26	3	1	0	0	0
19:00	67	36.3	30.4	5.4	0	0	0	0	11	34	11	8	3	0	0	0
20:00	51	35.3	30	5.5	0	0	0	2	9	19	15	5	1	0	0	0
21:00	54	35.4	31.1	4.6	0	0	0	0	7	18	23	6	0	0	0	0
22:00	35	36.3	30.1	7.1	0	0	1	3	4	11	10	4	2	0	0	0
23:00	17	34.9	31.4	3.8	0	0	0	0	1	6	9	1	0	0	0	0
12H,7-19	1598	30.1	24.5	5.6	0	18	54	310	601	457	135	17	6	0	0	0
16H,6-22	1823	30.6	24.9	5.9	0	19	67	334	639	534	184	36	10	0	0	0
18H,6-24	1875	30.8	25.1	6	0	19	68	337	644	551	203	41	12	0	0	0
24H,0-24	2162	33.2	26.3	7	0	19	69	351	677	599	276	100	57	10	3	1

22455		BANBURY			Site No: 22455001		Location A361, Banbury (Cycle Path Sign)										
Fri 08-Dec-17 to Thu 14-Dec-17					Channel: Northbound												
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 11-Dec-17																
00:00	9	-	30.2	3.8	0	0	0	0	1	4	4	0	0	0	0	0
01:00	13	37.4	32	6.7	0	0	0	1	1	3	5	2	1	0	0	0
02:00	8	-	33.5	4.8	0	0	0	0	0	2	5	0	1	0	0	0
03:00	19	39.3	33.5	6.2	0	0	0	0	0	9	4	4	1	1	0	0
04:00	25	37.8	33.1	6.1	0	0	0	0	1	9	9	5	0	0	1	0
05:00	100	37.2	31.4	6.2	0	1	1	0	12	35	32	15	2	2	0	0
06:00	152	35.6	30.8	5.8	0	1	2	2	18	51	59	14	4	1	0	0
07:00	298	34.6	29.6	5.1	0	1	1	8	46	137	82	19	4	0	0	0
08:00	378	32.9	27.8	5.1	0	3	6	11	96	179	69	13	1	0	0	0
09:00	357	34	29.1	4.7	0	0	1	16	48	184	89	17	2	0	0	0
10:00	413	33.5	27.7	5.7	0	1	10	34	89	169	97	10	2	1	0	0
11:00	443	32.7	28.1	4.6	0	0	3	17	100	227	84	11	1	0	0	0
12:00	455	33.1	28	4.7	0	1	3	19	112	208	103	9	0	0	0	0
13:00	520	32.1	26.8	5.3	0	0	12	49	157	205	85	11	0	1	0	0
14:00	544	31.9	27.1	5.2	0	3	18	34	117	274	93	5	0	0	0	0
15:00	535	32.7	27.4	5.6	1	8	16	15	131	247	105	11	1	0	0	0
16:00	422	31.6	26.8	5.1	0	0	2	51	119	180	56	14	0	0	0	0
17:00	401	29.7	25.1	4.6	0	0	9	53	167	149	19	4	0	0	0	0
18:00	320	30.3	26.4	4.2	0	0	0	22	126	142	27	3	0	0	0	0
19:00	199	32.4	27.2	5.7	0	2	6	11	52	89	31	6	2	0	0	0
20:00	134	34.4	29.1	4.9	0	0	0	2	32	59	30	10	1	0	0	0
21:00	92	34.5	29.8	4.4	0	0	0	0	14	49	21	8	0	0	0	0
22:00	70	36.6	31.1	6.8	0	1	1	1	6	27	22	9	1	1	1	0
23:00	35	37	32.6	5	0	0	0	1	1	9	17	6	1	0	0	0
12H,7-19	5086	32.6	27.4	5.1	1	17	81	329	1308	2301	909	127	11	2	0	0
16H,6-22	5663	32.8	27.6	5.2	1	20	89	344	1424	2549	1050	165	18	3	0	0
18H,6-24	5768	33	27.7	5.3	1	21	90	346	1431	2585	1089	180	20	4	1	0
24H,0-24	5942	33.2	27.8	5.3	1	22	91	347	1446	2647	1148	206	25	7	2	0

22455 BANBURY Site No: 22455001 Location A361, Banbury (Cycle Path Sign)  
 Fri 08-Dec-17 to Thu 14-Dec-17 Channel: Northbound

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
<b>Tue 12-Dec-17</b>																
00:00	25	37.8	32.5	5.2	0	0	0	0	2	8	9	5	1	0	0	0
01:00	15	37.6	31.5	7.9	0	1	0	0	1	3	6	4	0	0	0	0
02:00	17	35.9	30.9	7.2	0	0	1	1	0	6	6	2	1	0	0	0
03:00	16	39.5	32.9	6.4	0	0	0	0	2	5	4	3	2	0	0	0
04:00	30	38.8	32	7.3	0	0	2	0	3	6	9	9	1	0	0	0
05:00	113	35.5	31	5.1	0	0	1	0	9	54	35	9	5	0	0	0
06:00	199	35.1	30.3	5	0	0	0	2	26	96	55	13	7	0	0	0
07:00	399	31	27	4.9	0	0	4	32	114	190	47	10	2	0	0	0
08:00	351	29.3	24.4	4.7	0	0	15	45	173	97	20	1	0	0	0	0
09:00	371	29.2	24	5	1	3	10	75	158	107	15	2	0	0	0	0
10:00	394	32.7	27.4	5.2	0	2	5	27	106	167	79	7	1	0	0	0
11:00	503	32.7	27.1	5.6	0	3	15	36	136	204	95	13	1	0	0	0
12:00	506	32.1	27.1	5.4	0	2	13	35	138	223	84	9	1	0	1	0
13:00	534	32.1	26.7	5.6	0	5	23	31	153	221	93	7	0	1	0	0
14:00	537	31.7	26.1	5.9	0	6	29	46	162	202	81	10	1	0	0	0
15:00	401	30.2	25.4	4.8	0	1	9	42	174	137	33	5	0	0	0	0
16:00	494	30.8	26.2	4.9	0	1	9	37	201	178	60	8	0	0	0	0
17:00	406	32.6	27.6	5.3	0	1	13	24	82	200	75	10	0	1	0	0
18:00	361	34	29.2	4.8	0	0	2	8	58	183	91	16	2	0	1	0
19:00	227	35.2	30.9	4.6	0	0	2	0	17	97	91	18	1	1	0	0
20:00	202	37.4	31.9	5.6	0	0	2	1	14	78	68	29	7	3	0	0
21:00	164	36.2	32	4.4	0	0	0	0	6	66	66	22	4	0	0	0
22:00	97	38.1	33.6	4.9	0	0	1	0	3	16	54	19	3	1	0	0
23:00	50	37.3	33.5	4.2	0	0	0	0	1	10	29	8	2	0	0	0
12H,7-19	5257	31.6	26.5	5.4	1	24	147	438	1655	2109	773	98	8	2	2	0
16H,6-22	6049	32.7	27.2	5.6	1	24	151	441	1718	2446	1053	180	27	6	2	0
18H,6-24	6196	33	27.3	5.6	1	24	152	441	1722	2472	1136	207	32	7	2	0
24H,0-24	6412	33.2	27.4	5.7	1	25	156	442	1739	2554	1205	239	42	7	2	0

22455 BANBURY Site No: 22455001 Location A361, Banbury (Cycle Path Sign)  
 Fri 08-Dec-17 to Thu 14-Dec-17 Channel: Northbound

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
<b>Wed 13-Dec-17</b>																
00:00	24	40.9	32.9	7.4	0	0	1	0	2	6	8	3	4	0	0	0
01:00	28	45.1	36.2	9.6	0	1	0	1	0	5	6	7	4	3	1	0
02:00	23	40.5	36.5	5.8	0	0	0	0	0	4	6	10	1	2	0	0
03:00	21	44.4	37.8	6.7	0	0	0	0	1	2	5	6	5	2	0	0
04:00	32	40.6	34.6	7.2	0	0	1	0	2	5	10	9	4	1	0	0
05:00	112	39.4	33.7	6	0	0	2	1	2	26	46	26	8	0	1	0
06:00	243	37.6	32.1	6.4	0	3	7	3	14	47	119	42	6	2	0	0
07:00	452	35.3	30.3	5	0	0	1	11	55	195	142	45	2	1	0	0
08:00	380	30.1	25	5.5	1	4	16	50	133	145	27	3	1	0	0	0
09:00	355	29.9	23.1	6.8	2	21	28	56	131	82	31	4	0	0	0	0
10:00	536	31.4	25	6.8	7	20	26	63	148	185	81	6	0	0	0	0
11:00	571	30.5	24.7	6.1	1	7	39	90	176	191	57	10	0	0	0	0
12:00	486	30.2	24.8	5.8	0	8	32	57	162	183	40	4	0	0	0	0
13:00	521	31.3	26	6	1	5	28	46	159	199	72	7	3	1	0	0
14:00	612	32.5	26.2	6.4	1	8	33	75	144	228	105	16	1	0	1	0
15:00	516	33.4	28.6	4.7	0	1	2	15	105	263	108	18	3	1	0	0
16:00	509	32.7	27.8	4.6	0	0	5	20	143	228	104	9	0	0	0	0
17:00	315	25.8	14.5	8.7	35	136	28	28	42	34	11	1	0	0	0	0
18:00	353	32.6	24.2	9.1	4	50	34	10	47	135	63	8	1	1	0	0
19:00	316	36.2	31.5	5	0	0	2	1	27	117	119	43	6	1	0	0
20:00	239	38	32.7	5.3	0	1	0	1	8	84	90	46	6	2	1	0
21:00	181	36.3	32.3	4.9	0	0	1	0	12	52	87	23	5	1	0	0
22:00	142	38	32.7	5	0	0	0	0	7	49	54	25	6	1	0	0
23:00	91	37.3	32.5	5.1	0	0	0	0	5	32	36	15	2	0	1	0
12H,7-19	5606	31.9	25.4	7.1	52	260	272	521	1445	2068	841	131	11	4	1	0
16H,6-22	6585	33.4	26.4	7.3	52	264	282	526	1506	2368	1256	285	34	10	2	0
18H,6-24	6818	33.6	26.6	7.3	52	264	282	526	1518	2449	1346	325	42	11	3	0
24H,0-24	7058	34	26.9	7.4	52	265	286	528	1525	2497	1427	386	68	19	5	0

22455 BANBURY Site No: 22455001 Location A361, Banbury (Cycle Path Sign)  
 Fri 08-Dec-17 to Thu 14-Dec-17 Channel: Northbound

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
<b>Thu 14-Dec-17</b>																
00:00	27	40.5	34.4	5.7	0	0	0	0	2	4	12	5	4	0	0	0
01:00	32	42.9	33.8	9.1	0	1	1	0	3	5	9	5	7	1	0	0
02:00	23	43.6	36.8	7	0	0	0	0	0	5	7	5	4	1	1	0
03:00	30	43	37	6.5	0	0	0	0	1	3	10	9	5	1	1	0
04:00	31	40.8	36.6	6	0	0	0	0	1	5	6	14	3	2	0	0
05:00	124	40.7	35.2	5.7	0	0	1	0	2	20	51	33	14	2	1	0
06:00	247	39.2	33.9	5.3	0	0	2	1	2	58	117	46	18	2	1	0
07:00	428	35.9	31	6.1	0	1	13	10	35	129	180	49	10	0	1	0
08:00	394	30.9	26.7	5.4	0	2	13	23	124	176	41	13	2	0	0	0
09:00	475	31	26.9	5	0	3	8	28	143	222	61	9	1	0	0	0
10:00	514	30.6	25.1	6	0	11	23	68	176	171	54	10	1	0	0	0
11:00	512	30.1	24.8	5.8	2	9	27	62	176	192	41	2	1	0	0	0
12:00	437	29.5	23.3	6.2	1	16	42	60	176	107	33	2	0	0	0	0
13:00	448	29.3	23.8	5.5	2	6	29	72	177	141	20	0	1	0	0	0
14:00	403	29.3	24.5	4.6	1	2	8	50	205	117	18	2	0	0	0	0
15:00	355	29	20.2	8.4	7	71	43	34	97	81	19	3	0	0	0	0
16:00	338	22.6	12.6	7.6	45	173	22	33	43	15	6	1	0	0	0	0
17:00	324	29.5	20.7	8.8	22	44	28	46	78	81	20	3	2	0	0	0
18:00	361	32.8	27	6	0	4	20	20	84	154	69	8	2	0	0	0
19:00	388	36.1	31.3	4.8	0	1	0	0	29	172	126	52	8	0	0	0
20:00	210	38	32.9	4.7	0	0	0	1	6	65	90	41	7	0	0	0
21:00	192	37.3	33.1	4.7	0	0	1	0	1	55	97	33	3	0	2	0
22:00	144	38.4	33	5.7	0	0	2	1	7	35	66	23	8	2	0	0
23:00	79	40.6	35.3	5.6	0	0	0	0	1	14	35	18	7	4	0	0
12H,7-19	4989	30.8	24.2	7.5	80	342	276	506	1514	1586	562	102	20	0	1	0
16H,6-22	6026	33.1	25.7	7.8	80	343	279	508	1552	1936	992	274	56	2	4	0
18H,6-24	6249	33.5	26	7.9	80	343	281	509	1560	1985	1093	315	71	8	4	0
24H,0-24	6516	34.1	26.3	8	80	344	283	509	1569	2027	1188	386	108	15	7	0



22455 BANBURY Site No: 22455001 Location A361, Banbury (Cycle Path Sign)  
 Fri 08-Dec-17 to Thu 14-Dec-17 Channel: Northbound

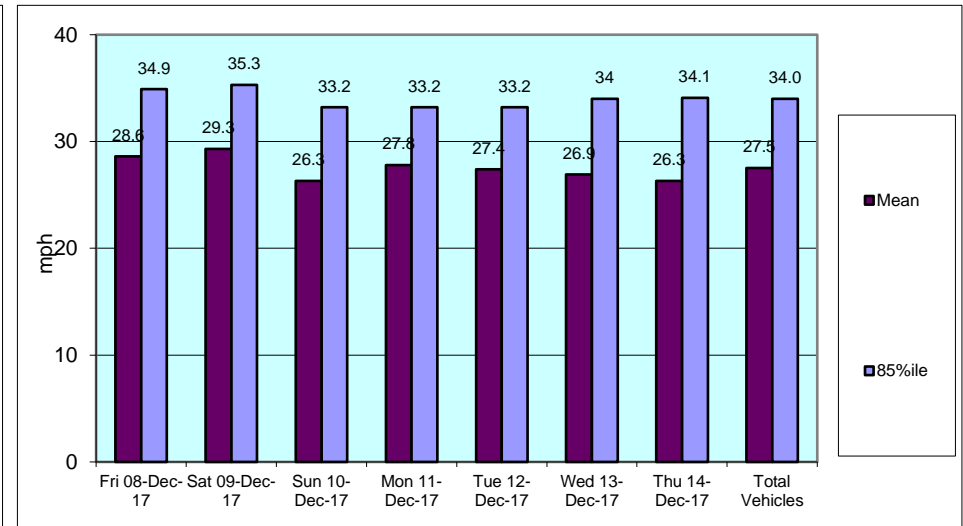
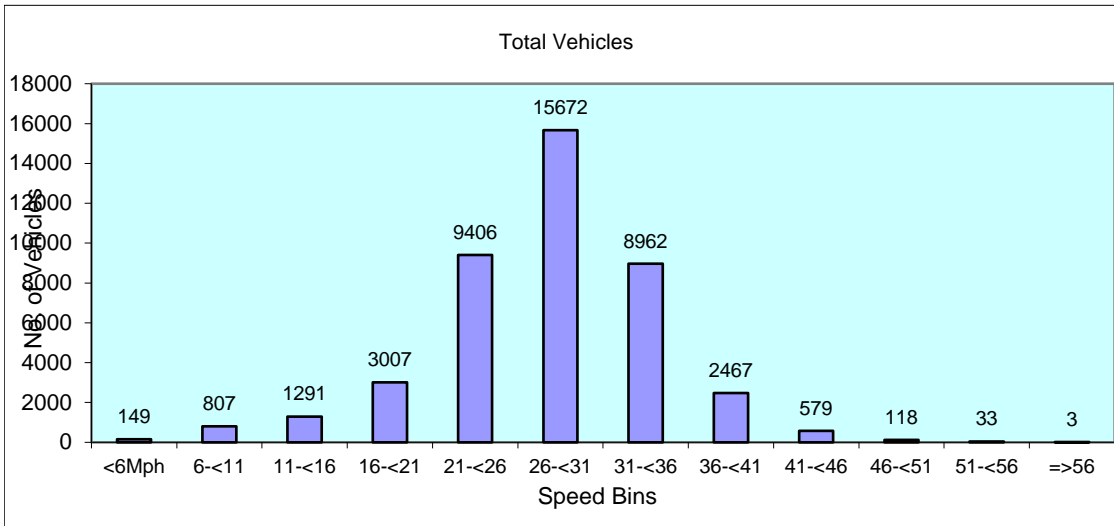
Time Period	Total Vehicles	85%ile Speed	Mean Speed	Stand Dev.	<6Mph	6-<11	11-<16	16-<21	21-<26	26-<31	31-<36	36-<41	41-<46	46-<51	51-<56	=>56
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**Daily Totals**

Fri 08-Dec-17	7187	34.9	28.6	6.7	9	84	223	447	1255	2733	1747	532	113	35	7	2
Sat 09-Dec-17	7217	35.3	29.3	6.5	6	48	183	383	1195	2615	1971	618	166	25	7	0
Sun 10-Dec-17	2162	33.2	26.3	7	0	19	69	351	677	599	276	100	57	10	3	1
Mon 11-Dec-17	5942	33.2	27.8	5.3	1	22	91	347	1446	2647	1148	206	25	7	2	0
Tue 12-Dec-17	6412	33.2	27.4	5.7	1	25	156	442	1739	2554	1205	239	42	7	2	0
Wed 13-Dec-17	7058	34	26.9	7.4	52	265	286	528	1525	2497	1427	386	68	19	5	0
Thu 14-Dec-17	6516	34.1	26.3	8	80	344	283	509	1569	2027	1188	386	108	15	7	0

**Total Vehicles**

[--]	42494	34.0	27.5	6.7	149	807	1291	3007	9406	15672	8962	2467	579	118	33	3
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22455	BANBURY		Site No: 22455001		Location		A361, Banbury (Cycle Path Sign)		
Channel: Northbound									
TIME PERIOD	Fri 08/12/17	Sat 09/12/17	Sun 10/12/17	Mon 11/12/17	Tue 12/12/17	Wed 13/12/17	Thu 14/12/17	5-Day Av	7-Day Av
Week Begin: 08-Dec-17									
00:00	32	82	89	9	25	24	27	23	41
01:00	30	49	52	13	15	28	32	24	31
02:00	20	23	39	8	17	23	23	18	22
03:00	30	36	34	19	16	21	30	23	27
04:00	26	34	26	25	30	32	31	29	29
05:00	114	79	47	100	113	112	124	113	98
06:00	200	108	53	152	199	243	247	208	172
07:00	412	144	54	298	399	452	428	398	312
08:00	442	297	91	378	351	380	394	389	333
09:00	504	430	67	357	371	355	475	412	366
10:00	586	615	75	413	394	536	514	489	448
11:00	586	582	156	443	503	571	512	523	479
12:00	633	553	204	455	506	486	437	503	468
13:00	517	625	185	520	534	521	448	508	479
14:00	451	718	225	544	537	612	403	509	499
15:00	351	604	200	535	401	516	355	432	423
16:00	484	574	135	422	494	509	338	449	422
17:00	396	504	95	401	406	315	324	368	349
18:00	421	365	111	320	361	353	361	363	327
19:00	336	270	67	199	227	316	388	293	258
20:00	197	175	51	134	202	239	210	196	173
21:00	156	127	54	92	164	181	192	157	138
22:00	155	123	35	70	97	142	144	122	109
23:00	108	100	17	35	50	91	79	73	69
12H,7-19	5783	6011	1598	5086	5257	5606	4989	5344	4904
16H,6-22	6672	6691	1823	5663	6049	6585	6026	6199	5644
18H,6-24	6935	6914	1875	5768	6196	6818	6249	6393	5822
24H,0-24	7187	7217	2162	5942	6412	7058	6516	6623	6071
Am	11:00	10:00	11:00	11:00	11:00	11:00	10:00	-	-
Peak	586	615	156	443	503	571	514	523	484
Pm	12:00	14:00	14:00	14:00	14:00	14:00	13:00	-	-
Peak	633	718	225	544	537	612	448	555	531

22455

BANBURY

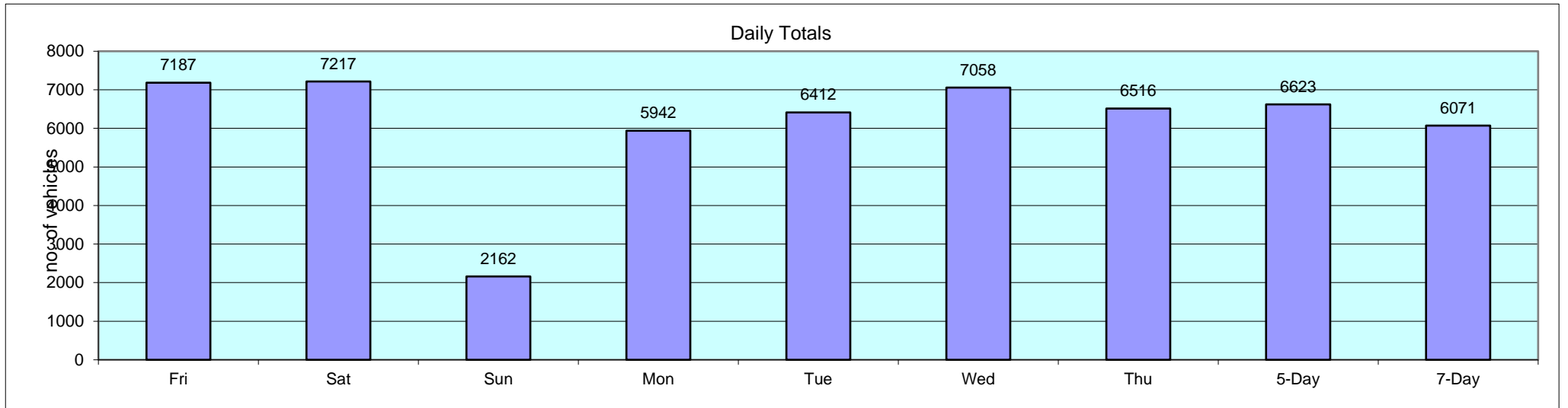
Site No: 22455001

Location

A361, Banbury (Cycle Path Sign)

Channel: Northbound

TIME PERIOD	Fri 08/12/17	Sat 09/12/17	Sun 10/12/17	Mon 11/12/17	Tue 12/12/17	Wed 13/12/17	Thu 14/12/17	5-Day Av	7-Day Av
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22455 BANBURY Site No: 22455001 Location A361, Banbury (Cycle Path Sign)  
 Fri 08-Dec-17 to Thu 14-Dec-17 Channel: Southbound

TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	MOTOR-CYCLES%	CARS	CARS %	LGV	LGV %	HGV	HGV %	BUS	BUS %
<b>Fri 08-Dec-17</b>											
00:00	22	0	0.0	17	77.3	3	13.6	1	4.6	1	4.6
01:00	29	0	0.0	26	89.7	2	6.9	1	3.5	0	0.0
02:00	37	1	2.7	21	56.8	9	24.3	5	13.5	1	2.7
03:00	17	0	0.0	13	76.5	3	17.7	1	5.9	0	0.0
04:00	29	1	3.5	20	69.0	2	6.9	6	20.7	0	0.0
05:00	92	0	0.0	73	79.4	15	16.3	3	3.3	1	1.1
06:00	164	1	0.6	124	75.6	23	14.0	13	7.9	3	1.8
07:00	394	2	0.5	313	79.4	56	14.2	18	4.6	5	1.3
08:00	388	5	1.3	315	81.2	42	10.8	23	5.9	3	0.8
09:00	437	10	2.3	379	86.7	35	8.0	12	2.8	1	0.2
10:00	521	0	0.0	459	88.1	46	8.8	14	2.7	2	0.4
11:00	539	3	0.6	465	86.3	40	7.4	27	5.0	4	0.7
12:00	556	6	1.1	493	88.7	37	6.7	14	2.5	6	1.1
13:00	491	1	0.2	446	90.8	32	6.5	8	1.6	4	0.8
14:00	476	9	1.9	441	92.7	15	3.2	8	1.7	3	0.6
15:00	544	8	1.5	488	89.7	29	5.3	12	2.2	7	1.3
16:00	428	4	0.9	395	92.3	18	4.2	9	2.1	2	0.5
17:00	408	3	0.7	376	92.2	23	5.6	2	0.5	4	1.0
18:00	417	1	0.2	390	93.5	22	5.3	4	1.0	0	0.0
19:00	364	2	0.6	339	93.1	22	6.0	1	0.3	0	0.0
20:00	229	1	0.4	213	93.0	13	5.7	1	0.4	1	0.4
21:00	149	0	0.0	138	92.6	10	6.7	1	0.7	0	0.0
22:00	150	1	0.7	137	91.3	8	5.3	3	2.0	1	0.7
23:00	93	0	0.0	90	96.8	2	2.2	1	1.1	0	0.0
<b>12H,7-19</b>	<b>5599</b>	<b>52</b>	<b>0.9</b>	<b>4960</b>	<b>88.6</b>	<b>395</b>	<b>7.1</b>	<b>151</b>	<b>2.7</b>	<b>41</b>	<b>0.7</b>
<b>16H,6-22</b>	<b>6505</b>	<b>56</b>	<b>0.9</b>	<b>5774</b>	<b>88.8</b>	<b>463</b>	<b>7.1</b>	<b>167</b>	<b>2.6</b>	<b>45</b>	<b>0.7</b>
<b>18H,6-24</b>	<b>6748</b>	<b>57</b>	<b>0.8</b>	<b>6001</b>	<b>88.9</b>	<b>473</b>	<b>7.0</b>	<b>171</b>	<b>2.5</b>	<b>46</b>	<b>0.7</b>
<b>24H,0-24</b>	<b>6974</b>	<b>59</b>	<b>0.9</b>	<b>6171</b>	<b>88.5</b>	<b>507</b>	<b>7.3</b>	<b>188</b>	<b>2.7</b>	<b>49</b>	<b>0.7</b>

22455 BANBURY Site No: 22455001 Location A361, Banbury (Cycle Path Sign)  
 Fri 08-Dec-17 to Thu 14-Dec-17 Channel: Southbound

TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	MOTOR-CYCLES%	CARS	CARS %	LGV	LGV %	HGV	HGV %	BUS	BUS %
<b>Sat 09-Dec-17</b>											
00:00	79	1	1.3	71	89.9	5	6.3	2	2.5	0	0.0
01:00	44	0	0.0	41	93.2	1	2.3	2	4.6	0	0.0
02:00	28	0	0.0	23	82.1	3	10.7	2	7.1	0	0.0
03:00	22	0	0.0	16	72.7	4	18.2	2	9.1	0	0.0
04:00	41	0	0.0	33	80.5	3	7.3	4	9.8	1	2.4
05:00	76	0	0.0	67	88.2	5	6.6	2	2.6	2	2.6
06:00	93	1	1.1	78	83.9	10	10.8	3	3.2	1	1.1
07:00	131	2	1.5	111	84.7	14	10.7	3	2.3	1	0.8
08:00	259	1	0.4	233	90.0	21	8.1	4	1.5	0	0.0
09:00	400	2	0.5	357	89.3	36	9.0	5	1.3	0	0.0
10:00	506	2	0.4	463	91.5	35	6.9	6	1.2	0	0.0
11:00	552	3	0.5	521	94.4	22	4.0	5	0.9	1	0.2
12:00	604	4	0.7	577	95.5	14	2.3	7	1.2	2	0.3
13:00	518	2	0.4	493	95.2	19	3.7	3	0.6	1	0.2
14:00	600	0	0.0	577	96.2	16	2.7	7	1.2	0	0.0
15:00	593	1	0.2	561	94.6	21	3.5	10	1.7	0	0.0
16:00	466	0	0.0	445	95.5	16	3.4	3	0.6	2	0.4
17:00	437	4	0.9	418	95.7	14	3.2	0	0.0	1	0.2
18:00	407	2	0.5	381	93.6	23	5.7	1	0.3	0	0.0
19:00	282	1	0.4	270	95.7	10	3.6	1	0.4	0	0.0
20:00	207	1	0.5	195	94.2	9	4.4	2	1.0	0	0.0
21:00	120	0	0.0	114	95.0	6	5.0	0	0.0	0	0.0
22:00	136	0	0.0	123	90.4	13	9.6	0	0.0	0	0.0
23:00	90	0	0.0	87	96.7	3	3.3	0	0.0	0	0.0
12H,7-19	5473	23	0.4	5137	93.9	251	4.6	54	1.0	8	0.2
16H,6-22	6175	26	0.4	5794	93.8	286	4.6	60	1.0	9	0.2
18H,6-24	6401	26	0.4	6004	93.8	302	4.7	60	0.9	9	0.1
24H,0-24	6691	27	0.4	6255	93.5	323	4.8	74	1.1	12	0.2

22455 BANBURY Site No: 22455001 Location A361, Banbury (Cycle Path Sign)  
 Fri 08-Dec-17 to Thu 14-Dec-17 Channel: Southbound

TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	MOTOR-CYCLES%	CARS	CARS %	LGV	LGV %	HGV	HGV %	BUS	BUS %
<b>Sun 10-Dec-17</b>											
00:00	79	1	1.3	73	92.4	5	6.3	0	0.0	0	0.0
01:00	62	0	0.0	59	95.2	2	3.2	0	0.0	1	1.6
02:00	46	0	0.0	44	95.7	2	4.4	0	0.0	0	0.0
03:00	32	0	0.0	31	96.9	1	3.1	0	0.0	0	0.0
04:00	21	0	0.0	19	90.5	2	9.5	0	0.0	0	0.0
05:00	46	0	0.0	42	91.3	1	2.2	3	6.5	0	0.0
06:00	38	0	0.0	34	89.5	1	2.6	2	5.3	1	2.6
07:00	47	0	0.0	44	93.6	3	6.4	0	0.0	0	0.0
08:00	56	0	0.0	35	62.5	20	35.7	1	1.8	0	0.0
09:00	13	0	0.0	2	15.4	10	76.9	1	7.7	0	0.0
10:00	0	0	-	0	-	0	-	0	-	0	-
11:00	0	0	-	0	-	0	-	0	-	0	-
12:00	125	0	0.0	115	92.0	9	7.2	1	0.8	0	0.0
13:00	179	2	1.1	171	95.5	4	2.2	2	1.1	0	0.0
14:00	187	0	0.0	183	97.9	4	2.1	0	0.0	0	0.0
15:00	211	0	0.0	206	97.6	4	1.9	1	0.5	0	0.0
16:00	134	0	0.0	127	94.8	6	4.5	1	0.8	0	0.0
17:00	120	1	0.8	109	90.8	5	4.2	5	4.2	0	0.0
18:00	79	1	1.3	73	92.4	5	6.3	0	0.0	0	0.0
19:00	68	2	2.9	63	92.7	3	4.4	0	0.0	0	0.0
20:00	46	0	0.0	39	84.8	7	15.2	0	0.0	0	0.0
21:00	53	0	0.0	47	88.7	6	11.3	0	0.0	0	0.0
22:00	44	1	2.3	40	90.9	3	6.8	0	0.0	0	0.0
23:00	23	1	4.4	20	87.0	2	8.7	0	0.0	0	0.0
12H,7-19	1151	4	0.4	1065	92.5	70	6.1	12	1.0	0	0.0
16H,6-22	1356	6	0.4	1248	92.0	87	6.4	14	1.0	1	0.1
18H,6-24	1423	8	0.6	1308	91.9	92	6.5	14	1.0	1	0.1
24H,0-24	1709	9	0.5	1576	92.2	105	6.1	17	1.0	2	0.1

22455 BANBURY Site No: 22455001 Location A361, Banbury (Cycle Path Sign)  
 Fri 08-Dec-17 to Thu 14-Dec-17 Channel: Southbound

TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	MOTOR-CYCLES%	CARS	CARS %	LGV	LGV %	HGV	HGV %	BUS	BUS %
<b>Mon 11-Dec-17</b>											
00:00	22	0	0.0	20	90.9	2	9.1	0	0.0	0	0.0
01:00	9	0	0.0	8	88.9	1	11.1	0	0.0	0	0.0
02:00	9	0	0.0	4	44.4	5	55.6	0	0.0	0	0.0
03:00	10	0	0.0	5	50.0	3	30.0	2	20.0	0	0.0
04:00	20	0	0.0	15	75.0	2	10.0	3	15.0	0	0.0
05:00	58	0	0.0	47	81.0	7	12.1	4	6.9	0	0.0
06:00	116	0	0.0	90	77.6	11	9.5	12	10.3	3	2.6
07:00	238	0	0.0	205	86.1	23	9.7	8	3.4	2	0.8
08:00	309	2	0.7	253	81.9	42	13.6	10	3.2	2	0.7
09:00	269	1	0.4	212	78.8	44	16.4	11	4.1	1	0.4
10:00	302	0	0.0	249	82.5	41	13.6	11	3.6	1	0.3
11:00	382	0	0.0	332	86.9	37	9.7	11	2.9	2	0.5
12:00	395	0	0.0	347	87.9	44	11.1	4	1.0	0	0.0
13:00	437	1	0.2	393	89.9	28	6.4	14	3.2	1	0.2
14:00	454	2	0.4	418	92.1	23	5.1	10	2.2	1	0.2
15:00	422	0	0.0	384	91.0	30	7.1	6	1.4	2	0.5
16:00	451	1	0.2	415	92.0	32	7.1	2	0.4	1	0.2
17:00	361	0	0.0	346	95.8	14	3.9	1	0.3	0	0.0
18:00	286	1	0.4	263	92.0	19	6.6	3	1.1	0	0.0
19:00	245	2	0.8	225	91.8	17	6.9	1	0.4	0	0.0
20:00	125	2	1.6	117	93.6	4	3.2	2	1.6	0	0.0
21:00	90	1	1.1	85	94.4	3	3.3	1	1.1	0	0.0
22:00	90	0	0.0	84	93.3	3	3.3	2	2.2	1	1.1
23:00	30	0	0.0	25	83.3	4	13.3	0	0.0	1	3.3
12H,7-19	4306	8	0.2	3817	88.6	377	8.8	91	2.1	13	0.3
16H,6-22	4882	13	0.3	4334	88.8	412	8.4	107	2.2	16	0.3
18H,6-24	5002	13	0.3	4443	88.8	419	8.4	109	2.2	18	0.4
24H,0-24	5130	13	0.3	4542	88.5	439	8.6	118	2.3	18	0.4

22455 BANBURY Site No: 22455001 Location A361, Banbury (Cycle Path Sign)  
 Fri 08-Dec-17 to Thu 14-Dec-17 Channel: Southbound

TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	MOTOR-CYCLES%	CARS	CARS %	LGV	LGV %	HGV	HGV %	BUS	BUS %
<b>Tue 12-Dec-17</b>											
00:00	29	0	0.0	26	89.7	2	6.9	0	0.0	1	3.5
01:00	18	0	0.0	11	61.1	4	22.2	3	16.7	0	0.0
02:00	8	0	0.0	4	50.0	3	37.5	1	12.5	0	0.0
03:00	11	0	0.0	9	81.8	1	9.1	1	9.1	0	0.0
04:00	29	0	0.0	25	86.2	0	0.0	3	10.3	1	3.5
05:00	72	0	0.0	62	86.1	3	4.2	5	6.9	2	2.8
06:00	138	0	0.0	109	79.0	19	13.8	8	5.8	2	1.5
07:00	350	1	0.3	290	82.9	39	11.1	18	5.1	2	0.6
08:00	332	2	0.6	292	88.0	26	7.8	8	2.4	4	1.2
09:00	347	3	0.9	291	83.9	38	11.0	14	4.0	1	0.3
10:00	393	2	0.5	332	84.5	47	12.0	10	2.5	2	0.5
11:00	408	4	1.0	354	86.8	40	9.8	9	2.2	1	0.3
12:00	444	1	0.2	396	89.2	36	8.1	11	2.5	0	0.0
13:00	418	2	0.5	371	88.8	31	7.4	12	2.9	2	0.5
14:00	484	2	0.4	427	88.2	39	8.1	12	2.5	4	0.8
15:00	630	3	0.5	581	92.2	28	4.4	14	2.2	4	0.6
16:00	433	4	0.9	396	91.5	28	6.5	5	1.2	0	0.0
17:00	429	1	0.2	405	94.4	21	4.9	2	0.5	0	0.0
18:00	369	1	0.3	349	94.6	17	4.6	2	0.5	0	0.0
19:00	300	1	0.3	281	93.7	17	5.7	1	0.3	0	0.0
20:00	155	0	0.0	143	92.3	11	7.1	1	0.7	0	0.0
21:00	109	1	0.9	95	87.2	11	10.1	2	1.8	0	0.0
22:00	90	0	0.0	83	92.2	5	5.6	2	2.2	0	0.0
23:00	54	0	0.0	49	90.7	4	7.4	1	1.9	0	0.0
12H,7-19	5037	26	0.5	4484	89.0	390	7.7	117	2.3	20	0.4
16H,6-22	5739	28	0.5	5112	89.1	448	7.8	129	2.3	22	0.4
18H,6-24	5883	28	0.5	5244	89.1	457	7.8	132	2.2	22	0.4
24H,0-24	6050	28	0.5	5381	88.9	470	7.8	145	2.4	26	0.4



22455 BANBURY Site No: 22455001 Location A361, Banbury (Cycle Path Sign)  
 Fri 08-Dec-17 to Thu 14-Dec-17 Channel: Southbound

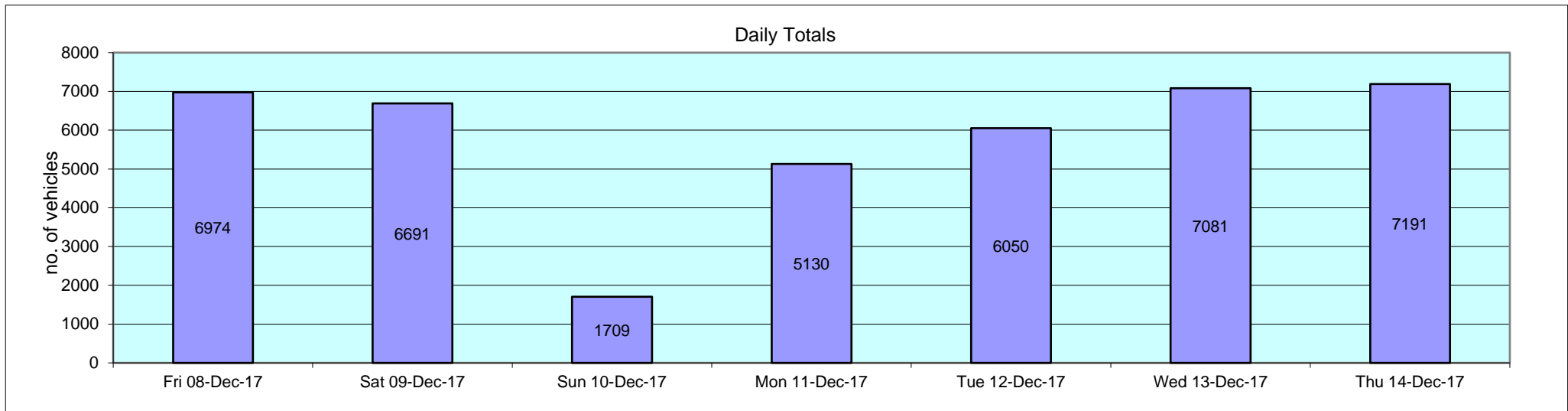
TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	MOTOR-CYCLES%	CARS	CARS %	LGV	LGV %	HGV	HGV %	BUS	BUS %
<b>Wed 13-Dec-17</b>											
00:00	29	1	3.5	23	79.3	2	6.9	2	6.9	1	3.5
01:00	17	0	0.0	12	70.6	2	11.8	2	11.8	1	5.9
02:00	18	0	0.0	13	72.2	4	22.2	1	5.6	0	0.0
03:00	20	1	5.0	15	75.0	1	5.0	3	15.0	0	0.0
04:00	35	0	0.0	26	74.3	4	11.4	4	11.4	1	2.9
05:00	94	2	2.1	76	80.9	5	5.3	9	9.6	2	2.1
06:00	188	1	0.5	155	82.5	21	11.2	10	5.3	1	0.5
07:00	412	1	0.2	357	86.7	36	8.7	12	2.9	6	1.5
08:00	354	7	2.0	314	88.7	24	6.8	7	2.0	2	0.6
09:00	472	11	2.3	404	85.6	30	6.4	16	3.4	11	2.3
10:00	496	5	1.0	423	85.3	44	8.9	21	4.2	3	0.6
11:00	552	2	0.4	502	90.9	30	5.4	16	2.9	2	0.4
12:00	547	2	0.4	492	90.0	24	4.4	23	4.2	6	1.1
13:00	571	9	1.6	507	88.8	31	5.4	19	3.3	5	0.9
14:00	459	2	0.4	410	89.3	34	7.4	11	2.4	2	0.4
15:00	475	1	0.2	426	89.7	37	7.8	11	2.3	0	0.0
16:00	427	3	0.7	388	90.9	28	6.6	7	1.6	1	0.2
17:00	479	11	2.3	431	90.0	11	2.3	12	2.5	14	2.9
18:00	535	2	0.4	499	93.3	15	2.8	11	2.1	8	1.5
19:00	367	1	0.3	343	93.5	17	4.6	5	1.4	1	0.3
20:00	220	0	0.0	203	92.3	14	6.4	3	1.4	0	0.0
21:00	120	1	0.8	109	90.8	10	8.3	0	0.0	0	0.0
22:00	117	2	1.7	112	95.7	2	1.7	1	0.9	0	0.0
23:00	77	1	1.3	68	88.3	7	9.1	1	1.3	0	0.0
12H,7-19	5779	56	1.0	5153	89.2	344	6.0	166	2.9	60	1.0
16H,6-22	6674	59	0.9	5963	89.4	406	6.1	184	2.8	62	0.9
18H,6-24	6868	62	0.9	6143	89.4	415	6.0	186	2.7	62	0.9
24H,0-24	7081	66	0.9	6308	89.1	433	6.1	207	2.9	67	1.0

22455 BANBURY Site No: 22455001 Location A361, Banbury (Cycle Path Sign)  
 Fri 08-Dec-17 to Thu 14-Dec-17 Channel: Southbound

TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	MOTOR-CYCLES%	CARS	CARS %	LGV	LGV %	HGV	HGV %	BUS	BUS %
<b>Thu 14-Dec-17</b>											
00:00	38	0	0.0	34	89.5	2	5.3	1	2.6	1	2.6
01:00	23	0	0.0	18	78.3	3	13.0	2	8.7	0	0.0
02:00	20	0	0.0	14	70.0	3	15.0	3	15.0	0	0.0
03:00	26	0	0.0	18	69.2	2	7.7	5	19.2	1	3.9
04:00	38	0	0.0	28	73.7	3	7.9	5	13.2	2	5.3
05:00	95	2	2.1	79	83.2	9	9.5	5	5.3	0	0.0
06:00	184	1	0.5	148	80.4	19	10.3	13	7.1	3	1.6
07:00	410	0	0.0	348	84.9	47	11.5	14	3.4	1	0.2
08:00	400	7	1.8	349	87.3	28	7.0	14	3.5	2	0.5
09:00	496	3	0.6	424	85.5	50	10.1	17	3.4	2	0.4
10:00	571	4	0.7	486	85.1	53	9.3	24	4.2	4	0.7
11:00	570	4	0.7	522	91.6	36	6.3	6	1.1	2	0.4
12:00	512	4	0.8	467	91.2	24	4.7	13	2.5	4	0.8
13:00	521	5	1.0	474	91.0	24	4.6	16	3.1	2	0.4
14:00	532	8	1.5	493	92.7	21	4.0	8	1.5	2	0.4
15:00	471	5	1.1	442	93.8	11	2.3	7	1.5	6	1.3
16:00	411	12	2.9	378	92.0	9	2.2	5	1.2	7	1.7
17:00	407	6	1.5	380	93.4	11	2.7	6	1.5	4	1.0
18:00	499	5	1.0	469	94.0	15	3.0	6	1.2	4	0.8
19:00	387	0	0.0	362	93.5	14	3.6	11	2.8	0	0.0
20:00	246	0	0.0	226	91.9	16	6.5	4	1.6	0	0.0
21:00	146	0	0.0	135	92.5	10	6.9	1	0.7	0	0.0
22:00	119	1	0.8	111	93.3	5	4.2	2	1.7	0	0.0
23:00	69	2	2.9	64	92.8	3	4.4	0	0.0	0	0.0
12H,7-19	5800	63	1.1	5232	90.2	329	5.7	136	2.3	40	0.7
16H,6-22	6763	64	1.0	6103	90.2	388	5.7	165	2.4	43	0.6
18H,6-24	6951	67	1.0	6278	90.3	396	5.7	167	2.4	43	0.6
24H,0-24	7191	69	1.0	6469	90.0	418	5.8	188	2.6	47	0.7

22455 BANBURY Site No: 22455001 Location A361, Banbury (Cycle Path Sign)  
 Fri 08-Dec-17 to Thu 14-Dec-17 Channel: Southbound

TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	MOTOR-CYCLES%	CARS	CARS %	LGV	LGV %	HGV	HGV %	BUS	BUS %
<b>Daily Totals</b>											
Fri 08-Dec-17	6974	59	0.9	6171	88.5	507	7.3	188	2.7	49	0.7
Sat 09-Dec-17	6691	27	0.4	6255	93.5	323	4.8	74	1.1	12	0.2
Sun 10-Dec-17	1709	9	0.5	1576	92.2	105	6.1	17	1.0	2	0.1
Mon 11-Dec-17	5130	13	0.3	4542	88.5	439	8.6	118	2.3	18	0.4
Tue 12-Dec-17	6050	28	0.5	5381	88.9	470	7.8	145	2.4	26	0.4
Wed 13-Dec-17	7081	66	0.9	6308	89.1	433	6.1	207	2.9	67	1.0
Thu 14-Dec-17	7191	69	1.0	6469	90.0	418	5.8	188	2.6	47	0.7
<b>Total Vehicles</b>											
[--]	40826	271	0.6	36702	90.1	2695	6.6	937	2.1	221	0.5



22455		BANBURY			Site No: 22455001		Location A361, Banbury (Cycle Path Sign)									
Fri 08-Dec-17 to Thu 14-Dec-17					Channel: Southbound											
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 08-Dec-17																
00:00	22	40.4	36	5.9	0	0	0	0	0	4	8	7	1	2	0	0
01:00	29	39.8	35.6	5.1	0	0	0	0	1	3	11	12	1	1	0	0
02:00	37	44.7	37	8.6	0	0	0	2	2	4	7	10	8	2	2	0
03:00	17	43.4	37	7.6	0	0	0	0	2	2	1	8	2	2	0	0
04:00	29	43.3	38	5.1	0	0	0	0	0	2	8	11	7	1	0	0
05:00	92	40.8	35.5	5.8	0	0	0	1	2	13	36	27	9	4	0	0
06:00	164	40.4	35	6	0	0	0	2	8	20	70	44	15	3	2	0
07:00	394	36.6	32	5	0	0	0	6	24	134	164	55	7	4	0	0
08:00	388	32.7	19.4	11.8	94	55	22	24	26	85	68	13	1	0	0	0
09:00	437	34.2	22.5	11.8	60	77	15	10	28	118	98	26	5	0	0	0
10:00	521	34.4	29.4	4.9	0	1	5	11	78	243	153	26	4	0	0	0
11:00	539	34.3	27.6	7.1	2	19	23	34	84	198	150	27	2	0	0	0
12:00	556	30.1	19.6	10.2	34	155	31	54	93	127	46	13	0	1	0	2
13:00	491	28.4	15	9.8	77	186	63	17	47	57	39	5	0	0	0	0
14:00	476	10.2	7.4	3.1	200	241	28	5	2	0	0	0	0	0	0	0
15:00	544	10.9	8.6	5.8	224	243	32	16	13	10	5	0	0	0	1	0
16:00	428	33.4	24	10	28	55	25	16	52	144	92	15	1	0	0	0
17:00	408	34.5	24.4	10.6	31	53	13	30	37	122	86	32	4	0	0	0
18:00	417	35.4	31.4	4.3	0	0	1	2	22	166	186	35	4	1	0	0
19:00	364	36.6	32	4.6	0	0	0	2	20	134	146	56	6	0	0	0
20:00	229	36.8	32.8	4.1	0	0	0	0	3	72	114	34	6	0	0	0
21:00	149	38.4	33.5	4.9	0	0	0	0	4	39	68	31	5	1	1	0
22:00	150	38.8	33.8	4.5	0	0	0	0	1	40	65	37	7	0	0	0
23:00	93	38.9	34	4.7	0	0	0	0	2	21	40	27	2	1	0	0
12H,7-19	5599	33.4	21.4	11.5	750	1085	258	225	506	1404	1087	247	28	6	1	2
16H,6-22	6505	34.4	23	11.5	750	1085	258	229	541	1669	1485	412	60	10	4	2
18H,6-24	6748	34.6	23.4	11.5	750	1085	258	229	544	1730	1590	476	69	11	4	2
24H,0-24	6974	34.9	23.8	11.6	750	1085	258	232	551	1758	1661	551	97	23	6	2

22455		BANBURY			Site No: 22455001		Location A361, Banbury (Cycle Path Sign)									
Fri 08-Dec-17 to Thu 14-Dec-17					Channel: Southbound											
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 09-Dec-17																
00:00	79	40.3	35.6	5.1	0	0	0	0	1	13	27	30	6	2	0	0
01:00	44	44.3	37.6	5.9	0	0	0	0	0	4	16	13	6	5	0	0
02:00	28	45.1	37.3	7.2	0	0	0	0	0	5	10	5	4	3	1	0
03:00	22	43.8	37.4	7	0	0	0	0	0	5	4	7	4	1	1	0
04:00	41	42.1	36.8	5.7	0	0	0	0	1	5	11	16	6	2	0	0
05:00	76	39.6	34.7	4.8	0	0	0	0	1	14	34	21	5	1	0	0
06:00	93	41.6	35.1	6.2	0	0	1	0	3	19	30	24	14	2	0	0
07:00	131	37.7	32.4	5.3	0	0	0	1	9	43	51	20	6	1	0	0
08:00	259	37.3	32.8	4.7	0	0	0	0	8	84	117	42	3	5	0	0
09:00	400	35.8	31.6	4.8	0	0	1	3	26	153	163	42	11	1	0	0
10:00	506	35	30.1	4.7	0	0	2	4	72	223	162	41	2	0	0	0
11:00	552	34.2	29.4	4.4	1	0	1	8	85	272	161	24	0	0	0	0
12:00	604	29.8	16.8	10.6	91	211	34	26	54	127	57	2	2	0	0	0
13:00	518	33.6	25.5	9	15	64	11	21	72	199	113	22	1	0	0	0
14:00	600	33.5	28.3	5	0	5	7	21	119	284	148	16	0	0	0	0
15:00	593	30	19.8	9.5	31	144	49	63	108	137	53	8	0	0	0	0
16:00	466	34.2	27.7	7.5	13	24	3	4	75	194	128	24	1	0	0	0
17:00	437	34.8	30.5	4.1	0	0	0	3	35	212	160	24	3	0	0	0
18:00	407	35.4	31.2	4.5	0	0	0	1	32	177	154	33	10	0	0	0
19:00	282	37.2	32.5	4.4	0	0	0	1	7	100	119	50	5	0	0	0
20:00	207	38.6	33.9	4.6	0	0	0	1	4	39	110	42	10	1	0	0
21:00	120	39.7	34.8	5.1	0	0	0	0	1	24	53	32	7	2	1	0
22:00	136	39	33.9	5.2	0	0	0	0	2	39	55	32	4	3	1	0
23:00	90	39.1	34.1	5.6	0	0	0	0	0	27	39	16	5	2	0	1
12H,7-19	5473	34.4	27	8.5	151	448	108	155	695	2105	1467	298	39	7	0	0
16H,6-22	6175	34.9	27.8	8.5	151	448	109	157	710	2287	1779	446	75	12	1	0
18H,6-24	6401	35	28	8.4	151	448	109	157	712	2353	1873	494	84	17	2	1
24H,0-24	6691	35.3	28.3	8.5	151	448	109	157	715	2399	1975	586	115	31	4	1

22455		BANBURY			Site No: 22455001		Location A361, Banbury (Cycle Path Sign)									
Fri 08-Dec-17 to Thu 14-Dec-17					Channel: Southbound											
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 10-Dec-17																
00:00	79	42.1	37.1	5.9	0	0	1	0	0	5	27	31	12	2	0	1
01:00	62	44.4	37	6.9	0	0	0	0	2	10	18	14	12	5	1	0
02:00	46	44.2	37.5	6.3	0	0	0	0	0	6	16	9	12	2	1	0
03:00	32	44.4	38.3	6.1	0	0	0	0	0	2	11	9	7	2	1	0
04:00	21	36.6	30.6	7	0	0	0	1	4	7	5	3	0	1	0	0
05:00	46	28.3	22.6	5.4	0	0	1	21	13	8	2	1	0	0	0	0
06:00	38	25.7	22.2	4.2	0	0	3	9	21	5	0	0	0	0	0	0
07:00	47	25.8	21.1	5.3	0	0	7	18	15	5	2	0	0	0	0	0
08:00	56	26.1	21	5.4	0	1	5	27	14	6	3	0	0	0	0	0
09:00	13	28.8	23.5	6.6	0	0	0	6	4	1	1	1	0	0	0	0
10:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
11:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
12:00	125	30.4	25.9	4.4	0	0	0	12	57	42	13	1	0	0	0	0
13:00	179	29.6	24.8	4.5	0	1	1	30	74	64	9	0	0	0	0	0
14:00	187	30.4	26.1	4.7	0	0	5	13	69	82	16	2	0	0	0	0
15:00	211	30.7	25.9	4.9	0	0	3	19	93	68	24	4	0	0	0	0
16:00	134	31.6	27.3	4.6	0	0	1	6	43	61	19	4	0	0	0	0
17:00	120	32.5	28.3	4.8	0	0	0	4	29	63	18	3	3	0	0	0
18:00	79	34.1	29.3	4.6	0	0	0	1	15	39	19	4	1	0	0	0
19:00	68	35.2	30.3	5.2	0	0	0	3	8	27	23	6	1	0	0	0
20:00	46	37.3	31.4	6.5	0	0	0	3	4	15	15	6	2	1	0	0
21:00	53	36.8	30.9	5.7	0	0	0	3	6	17	17	10	0	0	0	0
22:00	44	37.6	33.3	5.4	0	0	0	0	1	14	20	6	1	2	0	0
23:00	23	37.1	32.6	4.7	0	0	0	0	2	5	11	5	0	0	0	0
12H,7-19	1151	30.7	26	5.2	0	2	22	136	413	431	124	19	4	0	0	0
16H,6-22	1356	31.7	26.4	5.5	0	2	25	154	452	495	179	41	7	1	0	0
18H,6-24	1423	32.4	26.8	5.6	0	2	25	154	455	514	210	52	8	3	0	0
24H,0-24	1709	34.8	28	6.8	0	2	27	176	474	552	289	119	51	15	3	1

22455 BANBURY Site No: 22455001 Location A361, Banbury (Cycle Path Sign)  
 Fri 08-Dec-17 to Thu 14-Dec-17 Channel: Southbound

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
<b>Mon 11-Dec-17</b>																
00:00	22	38.3	31.2	6.5	0	0	0	2	1	9	3	7	0	0	0	0
01:00	9	-	28.5	5.2	0	0	0	1	1	4	3	0	0	0	0	0
02:00	9	-	34.6	6.6	0	0	0	0	1	2	1	4	1	0	0	0
03:00	10	36	33	6.6	0	0	0	0	0	5	3	1	0	1	0	0
04:00	20	39.8	33.8	5.9	0	0	0	0	1	7	4	6	2	0	0	0
05:00	58	37.7	32.2	5	0	0	0	0	4	22	19	11	2	0	0	0
06:00	116	35.6	31.5	5.3	0	0	2	3	4	38	56	11	1	1	0	0
07:00	238	35.1	30.9	4.2	0	0	0	0	20	107	91	17	3	0	0	0
08:00	309	34.1	29.7	4	0	0	0	3	41	154	103	7	1	0	0	0
09:00	269	34.6	30	4.5	0	0	1	5	28	130	88	15	2	0	0	0
10:00	302	34.3	29.9	4	0	0	0	5	29	155	103	10	0	0	0	0
11:00	382	33.5	28.7	4.6	0	0	2	20	59	192	101	7	1	0	0	0
12:00	395	33.7	29	4.3	0	0	1	5	77	197	102	12	1	0	0	0
13:00	437	32.9	28.4	4.4	0	0	4	11	87	234	90	11	0	0	0	0
14:00	454	33.6	28.3	5	0	1	2	20	114	195	104	16	1	1	0	0
15:00	422	34	28.8	4.9	0	1	0	21	86	174	126	13	1	0	0	0
16:00	451	32	27.7	4.7	0	1	4	18	116	229	71	10	1	1	0	0
17:00	361	30.7	27	4.2	0	0	0	14	130	174	37	5	1	0	0	0
18:00	286	31.7	27.2	4.3	0	0	0	12	101	123	48	2	0	0	0	0
19:00	245	32.9	28.2	4.6	0	0	2	10	52	125	50	6	0	0	0	0
20:00	125	34.5	29.6	4.7	0	1	0	0	22	57	37	8	0	0	0	0
21:00	90	36.4	31.6	5	0	0	0	0	9	35	31	12	3	0	0	0
22:00	90	35.8	31.2	5.4	0	0	0	0	12	35	30	10	2	0	1	0
23:00	30	38	32	5.8	0	0	0	1	1	13	8	5	2	0	0	0
12H,7-19	4306	33.6	28.7	4.6	0	3	14	134	888	2064	1064	125	12	2	0	0
16H,6-22	4882	33.8	28.8	4.7	0	4	18	147	975	2319	1238	162	16	3	0	0
18H,6-24	5002	33.8	28.9	4.7	0	4	18	148	988	2367	1276	177	20	3	1	0
24H,0-24	5130	34	28.9	4.8	0	4	18	151	996	2416	1309	206	25	4	1	0

22455 BANBURY Site No: 22455001 Location A361, Banbury (Cycle Path Sign)  
 Fri 08-Dec-17 to Thu 14-Dec-17 Channel: Southbound

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
<b>Tue 12-Dec-17</b>																
00:00	29	36.3	32.1	7.1	0	0	0	1	5	4	14	3	1	0	1	0
01:00	18	35.5	32.7	5.4	0	0	0	0	3	1	11	2	1	0	0	0
02:00	8	-	37.9	10.2	0	0	0	0	1	0	3	2	1	0	0	1
03:00	11	38.1	33.5	6.8	0	0	0	0	1	3	4	2	0	1	0	0
04:00	29	37.8	32.1	5.4	0	0	0	0	3	10	9	6	1	0	0	0
05:00	72	35.5	31.3	5.6	0	0	0	0	6	35	22	5	2	1	1	0
06:00	138	35.9	31.5	5.1	0	0	0	4	13	41	59	19	2	0	0	0
07:00	350	32.8	28.3	4.7	0	0	8	12	55	198	67	10	0	0	0	0
08:00	332	28.9	14.7	11.1	148	40	7	15	28	75	16	3	0	0	0	0
09:00	347	29.6	14.2	11.3	148	65	12	9	16	61	31	5	0	0	0	0
10:00	393	32.7	27.9	4.9	0	2	4	13	101	190	70	12	1	0	0	0
11:00	408	33.6	28.7	4.7	0	1	0	15	81	199	98	11	3	0	0	0
12:00	444	34	28.7	4.9	0	0	3	11	110	183	118	17	2	0	0	0
13:00	418	31.6	27.5	4.9	1	3	4	13	108	219	61	8	0	1	0	0
14:00	484	32.7	28	4.6	0	0	3	26	101	249	96	8	1	0	0	0
15:00	630	25.3	13.9	8.4	61	307	58	53	65	64	20	2	0	0	0	0
16:00	433	33.1	27.5	5.9	0	6	20	24	66	213	93	11	0	0	0	0
17:00	429	34.1	29.3	4.4	0	0	0	2	84	212	107	22	1	1	0	0
18:00	369	34	29.8	4.1	0	1	0	4	29	217	104	12	1	1	0	0
19:00	300	36.2	32	4.4	0	0	0	2	10	118	123	42	5	0	0	0
20:00	155	37.1	32.1	5.2	0	0	1	1	10	51	63	23	5	1	0	0
21:00	109	37.2	32.7	5.2	0	0	1	1	4	30	53	13	7	0	0	0
22:00	90	36.8	32.7	4.8	0	0	0	0	5	25	44	12	3	1	0	0
23:00	54	40	33.5	6.4	0	0	1	1	0	16	21	8	6	1	0	0
12H,7-19	5037	32.5	24.7	9	358	425	119	197	844	2080	881	121	9	3	0	0
16H,6-22	5739	33.4	25.6	9	358	425	121	205	881	2320	1179	218	28	4	0	0
18H,6-24	5883	33.6	25.8	9	358	425	122	206	886	2361	1244	238	37	6	0	0
24H,0-24	6050	33.7	26	9	358	425	122	207	905	2414	1307	258	43	8	2	1



22455 BANBURY Site No: 22455001 Location A361, Banbury (Cycle Path Sign)  
 Fri 08-Dec-17 to Thu 14-Dec-17 Channel: Southbound

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
<b>Wed 13-Dec-17</b>																
00:00	29	37.2	31.6	6.2	0	0	1	0	3	8	11	5	1	0	0	0
01:00	17	40.3	35.6	5.5	0	0	0	0	0	5	2	8	2	0	0	0
02:00	18	43	36.8	8	0	0	0	0	0	4	6	4	2	1	0	1
03:00	20	40.2	34.5	7.3	0	0	1	0	0	5	4	7	3	0	0	0
04:00	35	39.9	35.1	5.6	0	0	0	0	1	5	17	8	2	2	0	0
05:00	94	37.7	33	5.8	0	0	2	0	5	18	50	13	5	0	1	0
06:00	188	38.8	33.9	4.9	0	0	0	1	5	37	93	42	6	4	0	0
07:00	412	35.3	30.7	5.2	0	1	6	13	26	155	173	35	3	0	0	0
08:00	354	26.2	11.5	9.6	161	100	8	9	21	37	15	3	0	0	0	0
09:00	472	11	9.1	7.4	240	162	12	9	11	25	12	0	1	0	0	0
10:00	496	32.7	25.4	8.4	37	21	5	28	96	198	104	7	0	0	0	0
11:00	552	31.4	20.7	11	71	129	10	13	59	181	77	11	1	0	0	0
12:00	547	22.5	11.9	9.3	157	230	32	34	37	30	19	2	1	2	0	3
13:00	571	28.8	16.6	9.7	84	159	73	43	63	111	37	1	0	0	0	0
14:00	459	33.9	28.8	4.9	0	0	0	20	97	210	107	20	5	0	0	0
15:00	475	34.1	27.9	6.7	1	13	11	33	88	173	134	18	3	0	1	0
16:00	427	31.4	21	9.7	48	38	43	69	75	85	60	5	4	0	0	0
17:00	479	10.1	7.5	3.6	203	249	16	5	0	6	0	0	0	0	0	0
18:00	535	22.1	11.9	8.2	131	236	42	37	36	34	16	3	0	0	0	0
19:00	367	35.1	30.8	4.7	0	1	0	2	32	167	133	25	4	3	0	0
20:00	220	37.7	32.7	4.9	0	0	0	1	5	79	89	36	8	2	0	0
21:00	120	38.9	34.2	6	0	0	1	1	1	24	61	23	5	2	0	2
22:00	117	39.1	33.8	4.8	0	0	0	0	1	36	40	35	4	1	0	0
23:00	77	39.2	33.8	6	0	0	2	0	1	16	35	17	4	2	0	0
12H,7-19	5779	31.1	18.4	11.2	1133	1338	258	313	609	1245	754	105	18	2	1	3
16H,6-22	6674	32.9	20.3	11.6	1133	1339	259	318	652	1552	1130	231	41	13	1	5
18H,6-24	6868	33.2	20.7	11.7	1133	1339	261	318	654	1604	1205	283	49	16	1	5
24H,0-24	7081	33.5	21	11.8	1133	1339	265	318	663	1649	1295	328	64	19	2	6

22455 BANBURY Site No: 22455001 Location A361, Banbury (Cycle Path Sign)  
 Fri 08-Dec-17 to Thu 14-Dec-17 Channel: Southbound

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
<b>Thu 14-Dec-17</b>																
00:00	38	37.8	32.2	6.3	0	0	0	1	4	11	14	5	2	1	0	0
01:00	23	38.5	33.5	5.2	0	0	0	0	2	4	10	6	1	0	0	0
02:00	20	43.9	38.5	5.1	0	0	0	0	0	0	8	5	6	1	0	0
03:00	26	39.8	35.6	4.3	0	0	0	0	0	3	11	10	2	0	0	0
04:00	38	40.8	33.9	6	0	0	0	1	0	10	18	3	5	1	0	0
05:00	95	40.5	35.3	6.1	0	1	0	0	3	14	31	35	9	1	1	0
06:00	184	39.6	34.2	5.3	0	0	0	3	5	37	72	54	12	1	0	0
07:00	410	35.5	31.6	4.5	0	0	2	6	15	148	198	34	7	0	0	0
08:00	400	30.2	14.7	11.2	125	117	10	29	16	51	42	8	2	0	0	0
09:00	496	30.8	22.2	9.2	22	81	37	33	90	165	64	3	1	0	0	0
10:00	571	29.9	18.4	9.6	30	163	81	55	73	105	60	3	0	1	0	0
11:00	570	29	15.1	10.5	135	192	25	26	52	91	40	9	0	0	0	0
12:00	512	9.9	7	2.7	242	247	19	4	0	0	0	0	0	0	0	0
13:00	521	10.1	7.4	2.5	184	316	20	1	0	0	0	0	0	0	0	0
14:00	532	9.7	6.8	2.5	269	246	15	2	0	0	0	0	0	0	0	0
15:00	471	9.6	6.8	2.4	233	229	8	1	0	0	0	0	0	0	0	0
16:00	411	9.7	7.4	5.8	199	200	7	0	0	0	0	0	0	2	0	3
17:00	407	9.3	6.5	2.8	253	138	14	1	0	0	1	0	0	0	0	0
18:00	499	31	16.9	11.5	134	118	23	9	42	98	67	8	0	0	0	0
19:00	387	35.7	31.4	4.5	0	0	1	2	18	174	142	44	6	0	0	0
20:00	246	36.7	32.8	4.7	0	0	0	0	5	81	118	32	5	5	0	0
21:00	146	39.5	34	5.1	0	0	0	0	4	32	71	24	13	2	0	0
22:00	119	39.5	34.4	5	0	0	1	0	1	20	60	27	9	1	0	0
23:00	69	39.8	34.6	5.5	0	0	0	1	2	13	24	24	4	1	0	0
12H,7-19	5800	28.6	13.3	10.3	1826	2047	261	167	288	658	472	65	10	3	0	3
16H,6-22	6763	31.8	16.1	11.9	1826	2047	262	172	320	982	875	219	46	11	0	3
18H,6-24	6951	32.4	16.6	12.1	1826	2047	263	173	323	1015	959	270	59	13	0	3
24H,0-24	7191	33	17.2	12.4	1826	2048	263	175	332	1057	1051	334	84	17	1	3

22455 BANBURY Site No: 22455001 Location A361, Banbury (Cycle Path Sign)  
 Fri 08-Dec-17 to Thu 14-Dec-17 Channel: Southbound

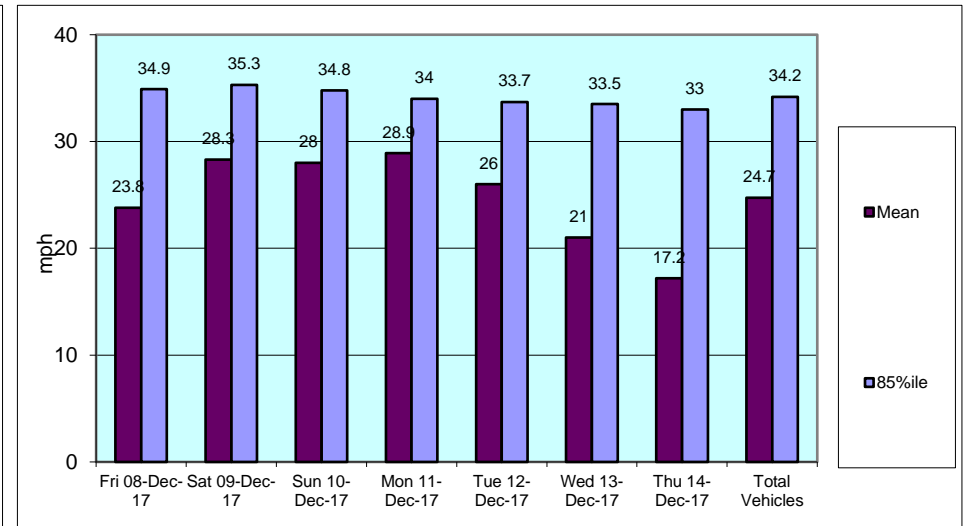
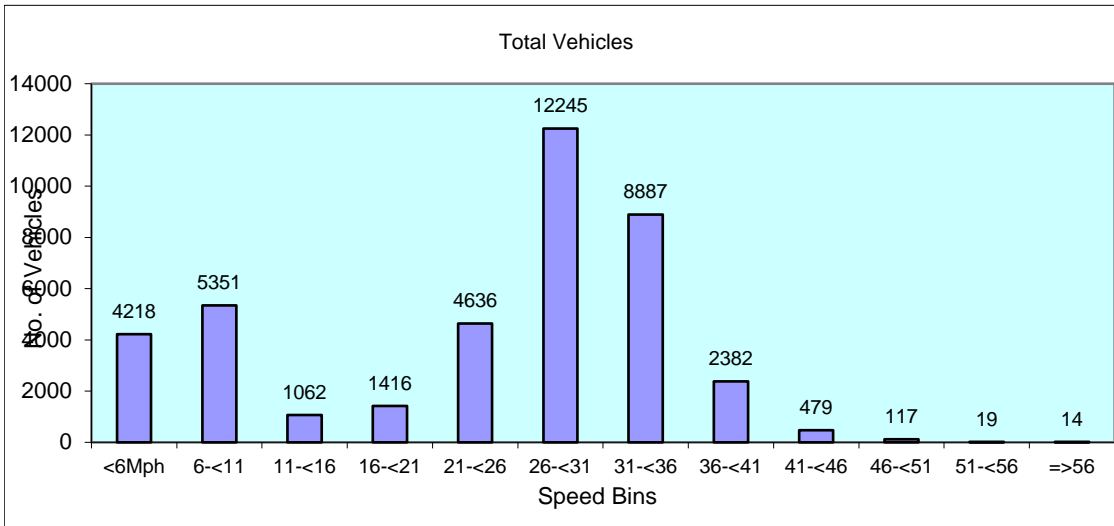
Time Period	Total Vehicles	85%ile Speed	Mean Speed	Stand Dev.	<6Mph	6-<11	11-<16	16-<21	21-<26	26-<31	31-<36	36-<41	41-<46	46-<51	51-<56	=>56
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**Daily Totals**

Fri 08-Dec-17	<b>6974</b>	34.9	23.8	11.6	750	1085	258	232	551	1758	1661	551	97	23	6	2
Sat 09-Dec-17	<b>6691</b>	35.3	28.3	8.5	151	448	109	157	715	2399	1975	586	115	31	4	1
Sun 10-Dec-17	<b>1709</b>	34.8	28	6.8	0	2	27	176	474	552	289	119	51	15	3	1
Mon 11-Dec-17	<b>5130</b>	34	28.9	4.8	0	4	18	151	996	2416	1309	206	25	4	1	0
Tue 12-Dec-17	<b>6050</b>	33.7	26	9	358	425	122	207	905	2414	1307	258	43	8	2	1
Wed 13-Dec-17	<b>7081</b>	33.5	21	11.8	1133	1339	265	318	663	1649	1295	328	64	19	2	6
Thu 14-Dec-17	<b>7191</b>	33	17.2	12.4	1826	2048	263	175	332	1057	1051	334	84	17	1	3

**Total Vehicles**

[--]	<b>40826</b>	34.2	24.7	9.3	4218	5351	1062	1416	4636	12245	8887	2382	479	117	19	14
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22455	BANBURY		Site No: 22455001		Location		A361, Banbury (Cycle Path Sign)			
Channel: Southbound										
TIME PERIOD	Fri 08/12/17	Sat 09/12/17	Sun 10/12/17	Mon 11/12/17	Tue 12/12/17	Wed 13/12/17	Thu 14/12/17	5-Day Av	7-Day Av	
Week Begin: 08-Dec-17										
00:00	22	79	79	22	29	29	38	28	43	
01:00	29	44	62	9	18	17	23	19	29	
02:00	37	28	46	9	8	18	20	18	24	
03:00	17	22	32	10	11	20	26	17	20	
04:00	29	41	21	20	29	35	38	30	30	
05:00	92	76	46	58	72	94	95	82	76	
06:00	164	93	38	116	138	188	184	158	132	
07:00	394	131	47	238	350	412	410	361	283	
08:00	388	259	56	309	332	354	400	357	300	
09:00	437	400	13	269	347	472	496	404	348	
10:00	521	506	0	302	393	496	571	457	398	
11:00	539	552	0	382	408	552	570	490	429	
12:00	556	604	125	395	444	547	512	491	455	
13:00	491	518	179	437	418	571	521	488	448	
14:00	476	600	187	454	484	459	532	481	456	
15:00	544	593	211	422	630	475	471	508	478	
16:00	428	466	134	451	433	427	411	430	393	
17:00	408	437	120	361	429	479	407	417	377	
18:00	417	407	79	286	369	535	499	421	370	
19:00	364	282	68	245	300	367	387	333	288	
20:00	229	207	46	125	155	220	246	195	175	
21:00	149	120	53	90	109	120	146	123	112	
22:00	150	136	44	90	90	117	119	113	107	
23:00	93	90	23	30	54	77	69	65	62	
12H,7-19	5599	5473	1151	4306	5037	5779	5800	5304	4735	
16H,6-22	6505	6175	1356	4882	5739	6674	6763	6113	5442	
18H,6-24	6748	6401	1423	5002	5883	6868	6951	6290	5611	
24H,0-24	6974	6691	1709	5130	6050	7081	7191	6485	5832	
Am	11:00	11:00	00:00	11:00	11:00	11:00	10:00	-	-	
Peak	539	552	79	382	408	552	571	490	440	
Pm	12:00	12:00	15:00	14:00	15:00	13:00	14:00	-	-	
Peak	556	604	211	454	630	571	532	549	508	

22455

BANBURY

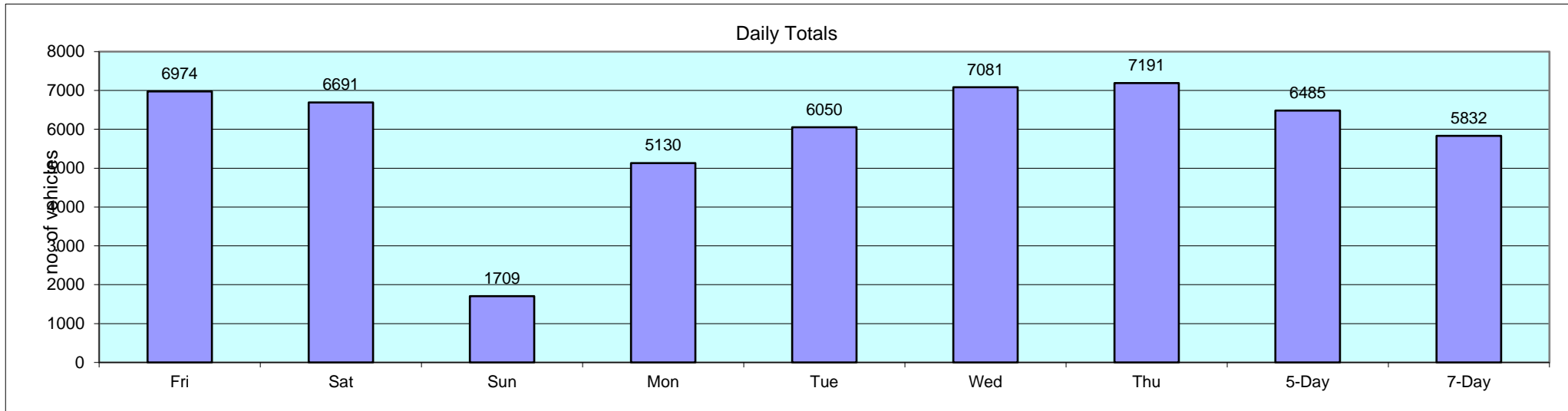
Site No: 22455001

Location

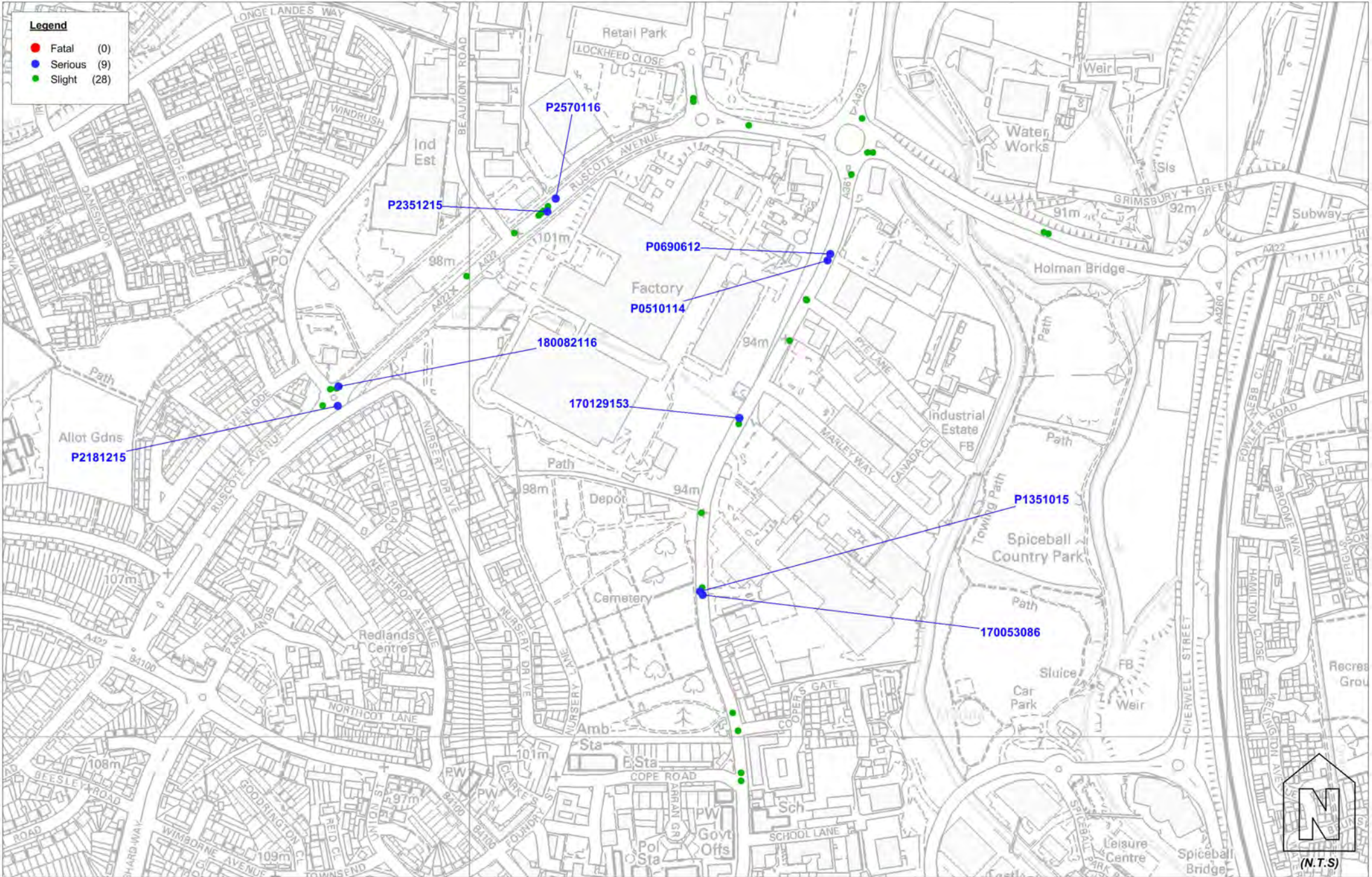
A361, Banbury (Cycle Path Sign)

Channel: Southbound

TIME PERIOD	Fri 08/12/17	Sat 09/12/17	Sun 10/12/17	Mon 11/12/17	Tue 12/12/17	Wed 13/12/17	Thu 14/12/17	5-Day Av	7-Day Av
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## Appendix D



Accidents between dates 01/01/2012 and 30/09/2017 (69) months

Selection: Notes:

Selected using Manual Selection

Friday 10/02/2012 Time 1301 Slight at A422 RUSCOTE AVE APPROX 50M E OF RBT J/W LOCKHEED CLOSE BANBURY

E: 445368 N: 241806 Junction Detail: Not within 20m of j Control:

Fine without high winds Road surface Wet/Damp Daylight:street lights present

Vehicle Reference 1 Car Moving from W to E Going ahead other On main carriageway

Vehicle Reference 2 Car Moving from W to E Going ahead but held up On main carriageway

Casualty Reference: 1 Age: 22 Female Driver/rider Severity: Slight Injured by vehicle: 2

Vehicle Reference 3 Car Moving from W to E Going ahead but held up On main carriageway

Tuesday 03/04/2012 Time 1839 Slight at A423 SOUTHAM RD RBT J/W A422 HENNEF WAY BANBURY

E: 445504 N: 241741 Junction Detail: Roundabout Control: Give way or controlled

Raining without high winds Road surface Wet/Damp Daylight:street lights present

Vehicle Reference 1 Car Moving from N to S Going ahead other On main carriageway

Casualty Reference: 1 Age: 31 Male Driver/rider Severity: Slight Injured by vehicle: 1

Vehicle Reference 2 Van or Goods 3.5 to Moving from S to N Going ahead other On main carriageway



Accidents between dates 01/01/2012 and 30/09/2017 (69) months

Selection: Notes:

Selected using Manual Selection

Wednesday 16/05/2012 Time 0750 Slight at A423 SOUTHAM RD BY ACCESS TO PEUGEOT GARAGE APPROX 200M S OF RBT J/W A422 HENNEF WAY BANBURY

E: 445444 N: 241576 Junction Detail: Not within 20m of j Control:

Fine without high winds Road surface Dry Daylight:street lights present

Vehicle Reference 1 Car Moving from S to E Waiting to turn right On main carriageway

Vehicle Reference 2 Car Moving from N to S Going ahead other On main carriageway

Casualty Reference: 1 Age: 34 Male Driver/rider Severity: Slight Injured by vehicle: 2

Friday 08/06/2012 Time 1035 Serious at A423 SOUTHAM RD AT J/W PARK CAR FOR B & Q STORE BANBURY

E: 445475 N: 241634 Junction Detail: T or staggered junct Control: Give way or controlled

Raining without high winds Road surface Wet/Damp Daylight:street lights present

Vehicle Reference 1 Car Moving from E to N Turning right On main carriageway

Casualty Reference: 1 Age: 58 Female Passenger Severity: Serious Injured by vehicle: 1

Vehicle Reference 2 Car Moving from N to S Going ahead other On main carriageway

Accidents between dates 01/01/2012 and 30/09/2017 (69) months

Selection: Notes:

Selected using Manual Selection

Thursday 26/07/2012 Time 1654 Slight at A422 RUSCOTE AVE BY ACCESS TO KRAFT FOODS BANBURY

E: 444996 N: 241607 Junction Detail: Not within 20m of j Control:

Fine without high winds Road surface Dry Daylight:street lights present

Vehicle Reference 1 Car Moving from S to NE Going ahead other On main carriageway

Casualty Reference: 1 Age: 17 Female Passenger Severity: Slight Injured by vehicle: 1

Vehicle Reference 2 Car Moving from S to NE Stopping On main carriageway

Casualty Reference: 2 Age: 33 Female Passenger Severity: Slight Injured by vehicle: 2

Thursday 04/04/2013 Time 2020 Slight at A423 SOUTHAM RD RBT J/W A422 RUSCOTE AVE & HENNEF WAY BANBURY

E: 445525 N: 241770 Junction Detail: Roundabout Control: Give way or controlled

Fine without high winds Road surface Dry Darkness: street lights present and lit

Vehicle Reference 1 Car Moving from E to W Going ahead other On main carriageway

Vehicle Reference 2 Car Moving from N to S Going ahead other On main carriageway

Casualty Reference: 1 Age: 49 Female Driver/rider Severity: Slight Injured by vehicle: 2

Accidents between dates 01/01/2012 and 30/09/2017 (69) months

Selection: Notes:

Selected using Manual Selection

Tuesday 13/08/2013 Time 1600 Slight at A422 RUSCOTE AVE RBT J/W LONGELANDES WAY BANBURY

E: 444806 N: 241436 Junction Detail: Roundabout Control: Give way or controlled  
 Fine without high winds Road surface Wet/Damp Daylight

Vehicle Reference 1 Car Moving from S to NE Going ahead other On main carriageway

Vehicle Reference 2 Car Moving from S to NE Going ahead but held up On main carriageway

Casualty Reference: 1 Age: 36 Female Driver/rider Severity: Slight Injured by vehicle: 2

Vehicle Reference 3 Car Moving from S to NE Going ahead but held up On main carriageway

Monday 26/08/2013 Time 1200 Slight at A422 RUSCOTE AVENUE JUST NE OF J/W BEAUMONT ROAD BANBURY

E: 445059 N: 241664 Junction Detail: T or staggered junct Control: Give way or controlled  
 Fine without high winds Road surface Dry Daylight

Vehicle Reference 1 Car Moving from S to NE Going ahead other On main carriageway

Vehicle Reference 2 Car Moving from S to NE Going ahead but held up On main carriageway

Casualty Reference: 1 Age: 10 Female Passenger Severity: Slight Injured by vehicle: 2

Casualty Reference: 2 Age: 10 Female Passenger Severity: Slight Injured by vehicle: 2

Accidents between dates 01/01/2012 and 30/09/2017 (69) months

Selection: Notes:

Selected using Manual Selection

Sunday 22/09/2013 Time 1107 Slight at A423 SOUTHAM ROAD J/W COPE ROAD BANBURY

E: 445358 N: 240941 Junction Detail: T or staggered junct Control: Give way or controlled

Fine without high winds Road surface Dry Daylight

Vehicle Reference 1 Motorcycle over 500 Moving from N to S Overtaking moving vehicle O/S On main carriageway

Casualty Reference: 1 Age: 45 Male Driver/rider Severity: Slight Injured by vehicle: 1

Vehicle Reference 2 Van or Goods 3.5 to Moving from N to W Turning right On main carriageway

Wednesday 08/01/2014 Time 1658 Serious at A361 SOUTHAM RD AT J/W ACCESS TO BRISTOL STREET MOTORS BANBURY

E: 445473 N: 241631 Junction Detail: Using private drive c Control: Give way or controlled

Raining without high winds Road surface Wet/Damp Darkness: street lights present and lit

Vehicle Reference 1 Car Moving from E to N Turning right On main carriageway

Casualty Reference: 1 Age: 86 Male Driver/rider Severity: Serious Injured by vehicle: 1

Vehicle Reference 2 Taxi/Private hire car Moving from N to S Going ahead other On main carriageway

Casualty Reference: 2 Age: 22 Male Driver/rider Severity: Slight Injured by vehicle: 2

Accidents between dates 01/01/2012 and 30/09/2017 (69) months

Selection: Notes:

Selected using Manual Selection

Saturday 08/03/2014 Time 1215 Slight at A422 RUSCOTE AVENUE APPROX 50M NE OF J/W BEAUMONT ROAD BANBURY

E: 445097 N: 241693 Junction Detail: Not within 20m of j Control:

Fine without high winds Road surface Dry Daylight

Vehicle Reference 1 Van or Goods 3.5 to Moving from S to NE Going ahead other On main carriageway

Vehicle Reference 2 Car Moving from S to NE Going ahead but held up On main carriageway

Casualty Reference: 1 Age: 71 Male Driver/rider Severity: Slight Injured by vehicle: 2

Casualty Reference: 2 Age: 38 Female Passenger Severity: Slight Injured by vehicle: 2

Wednesday 16/04/2014 Time 1907 Slight at A422 RUSCOTE AVE AT RBT J/W LOCKHEED CLOSE BANBURY

E: 445295 N: 241837 Junction Detail: Roundabout Control: Give way or controlled

Fine without high winds Road surface Dry Daylight

Vehicle Reference 1 Car Moving from S to N Going ahead other On main carriageway

Vehicle Reference 2 Pedal Cycle Moving from E to W Going ahead other On main carriageway

Casualty Reference: 1 Age: 26 Male Driver/rider Severity: Slight Injured by vehicle: 2

Accidents between dates 01/01/2012 and 30/09/2017 (69) months

Selection: Notes:

Selected using Manual Selection

Thursday 28/08/2014 Time 1800 Slight at A422 RUSCOTE AVE RBT J/W LONGELANDES WAY BANBURY

E: 444816 N: 241458 Junction Detail: Roundabout Control: Give way or controlled  
 Fine without high winds Road surface Dry Daylight  
 Vehicle Reference 1 Car Moving from S to NE Going ahead other On main carriageway  
 Vehicle Reference 2 Pedal Cycle Moving from N to NE Turning left On main carriageway  
 Casualty Reference: 1 Age: 16 Male Driver/rider Severity: Slight Injured by vehicle: 2

Thursday 06/11/2014 Time 1346 Slight at A422 HENNEF WAY EBOUND CWAY APPROX 200M W OF RBT J/W A4260 CONCORDE AVE BANBURY

E: 445758 N: 241665 Junction Detail: Not within 20m of j Control:  
 Fine without high winds Road surface Dry Daylight  
 Vehicle Reference 1 Motorcycle over 500 Moving from N to SE Going ahead other On main carriageway  
 Casualty Reference: 1 Age: 32 Male Driver/rider Severity: Slight Injured by vehicle: 1

Friday 21/11/2014 Time 1610 Slight at LOCKHEED CLOSE RBT J/W A422 RUSCOTE AVENUE BANBURY

E: 445295 N: 241842 Junction Detail: Roundabout Control: Give way or controlled  
 Raining without high winds Road surface Wet/Damp Darkness: street lights present and lit  
 Vehicle Reference 1 Motorcycle - unknow Moving from W to N Turning left On main carriageway  
 Casualty Reference: 1 Age: 19 Male Driver/rider Severity: Slight Injured by vehicle: 1

Accidents between dates 01/01/2012 and 30/09/2017 (69) months

Selection: Notes:

Selected using Manual Selection

Wednesday 25/02/2015 Time 1120 Slight at A361 SOUTHAM ROAD J/W ACCESS TO CEMETERY APPROX 25M N OF J/W COOPERS GATE BANBURY

E: 445347 N: 241031 Junction Detail: T or staggered junct Control: Give way or controlled

Fine without high winds Road surface Dry Daylight

Vehicle Reference 1 Car Moving from N to S Going ahead other On main carriageway

Vehicle Reference 2 Car Moving from N to S Waiting to turn right On main carriageway

Casualty Reference: 2 Age: 30 Male Driver/rider Severity: Slight Injured by vehicle: 2

Vehicle Reference 3 Car Moving from S to N Going ahead other On main carriageway

Casualty Reference: 1 Age: 53 Female Driver/rider Severity: Slight Injured by vehicle: 3

Tuesday 21/04/2015 Time 1820 Slight at A423 SOUTHAM RD RBT J/W A422 RUSCOTE AVE & HENNEF WAY BANBURY

E: 445532 N: 241770 Junction Detail: Roundabout Control: Give way or controlled

Fine without high winds Road surface Dry Daylight

Vehicle Reference 1 Car Moving from E to W Going ahead other On main carriageway

Vehicle Reference 2 Car Moving from E to W Going ahead but held up On main carriageway

Casualty Reference: 1 Age: 23 Male Driver/rider Severity: Slight Injured by vehicle: 2

Accidents between dates 01/01/2012 and 30/09/2017 (69) months

Selection: Notes:

Selected using Manual Selection

Thursday 07/05/2015 Time 1650 Slight at A361 SOUTHAM ROAD APPROX 50M S OF J/W MARLEY WAY NEAR HOMEBASE BANBURY

E: 445355 N: 241412 Junction Detail: Not within 20m of j Control:

Fine without high winds

Road surface

Dry

Daylight

Vehicle Reference 1	Car	Moving from	S	to	N	Going ahead other	On main carriageway
Vehicle Reference 2	Car	Moving from	S	to	N	Going ahead other	On main carriageway
Casualty Reference:	1	Age:	28	Male		Driver/rider	Severity: Slight Injured by vehicle: 2
Vehicle Reference 3	Car	Moving from	S	to	N	Going ahead other	On main carriageway
Casualty Reference:	2	Age:	35	Male		Driver/rider	Severity: Slight Injured by vehicle: 3
Casualty Reference:	4	Age:	28	Male		Passenger	Severity: Slight Injured by vehicle: 3
Vehicle Reference 4	Car	Moving from	S	to	N	Going ahead other	On main carriageway
Casualty Reference:	3	Age:	8	Female		Passenger	Severity: Slight Injured by vehicle: 4
Vehicle Reference 5	Car	Moving from	S	to	N	Going ahead other	On main carriageway



Accidents between dates 01/01/2012 and 30/09/2017 (69) months

Selection: Notes:

Selected using Manual Selection

Monday 05/10/2015 Time 1118 Serious at A361 SOUTHAM ROAD J/W ACCESS TO TOPPS TILES CAR PARK BANBURY

E: 445306 N: 241193 Junction Detail: T or staggered junct Control: Give way or controlled  
 Raining without high winds Road surface Wet/Damp Daylight  
 Vehicle Reference 1 Car Moving from E to N Turning right On main carriageway  
 Vehicle Reference 2 Car Moving from N to S Going ahead other On main carriageway  
 Casualty Reference: 1 Age: 28 Female Driver/rider Severity: Serious Injured by vehicle: 2  
 Casualty Reference: 2 Age: 60 Female Passenger Severity: Slight Injured by vehicle: 2

Tuesday 08/12/2015 Time 1145 Serious at A422 RUSCOTE AVE RBT J/W LONGELANDES WAY BANBURY

E: 444826 N: 241436 Junction Detail: Roundabout Control: Give way or controlled  
 Fine without high winds Road surface Dry Daylight  
 Vehicle Reference 1 Car Moving from NE to S Going ahead other On main carriageway  
 Vehicle Reference 2 Motorcycle over 500 Moving from N to S Turning right On main carriageway  
 Casualty Reference: 1 Age: 54 Male Driver/rider Severity: Serious Injured by vehicle: 2

Accidents between dates 01/01/2012 and 30/09/2017 (69) months

Selection: Notes:

Selected using Manual Selection

Saturday 19/12/2015 Time 1642 Serious at A422 RUSCOTE AVENUE APPROX 50M NE OF J/W BEAUMONT ROAD BANBURY

E: 445101 N: 241696 Junction Detail: Not within 20m of j Control:

Fine without high winds Road surface Dry Darkness: street lights present and lit

Vehicle Reference 1 Car Moving from S to NE Going ahead other On main carriageway

Casualty Reference: 1 Age: 28 Female Passenger Severity: Slight Injured by vehicle: 1

Vehicle Reference 2 Car Moving from S to NE Stopping On main carriageway

Vehicle Reference 3 Car Moving from S to NE Stopping On main carriageway

Casualty Reference: 2 Age: 49 Female Passenger Severity: Serious Injured by vehicle: 3

Sunday 17/01/2016 Time 1224 Slight at A422 RUSCOTE AVENUE APPROX 50M NE OF J/W BEAUMONT ROAD BANBURY

E: 445094 N: 241690 Junction Detail: Not within 20m of j Control:

Fine without high winds Road surface Dry Daylight

Vehicle Reference 1 Car Moving from S to NE Stopping On main carriageway

Vehicle Reference 2 Car Moving from S to NE Stopping On main carriageway

Vehicle Reference 3 Car Moving from S to NE Stopping On main carriageway

Casualty Reference: 1 Age: 42 Female Passenger Severity: Slight Injured by vehicle: 3

Casualty Reference: 2 Age: 9 Female Passenger Severity: Slight Injured by vehicle: 3

Accidents between dates 01/01/2012 and 30/09/2017 (69) months

Selection: Notes:

Selected using Manual Selection

Sunday 24/01/2016 Time 1137 Serious at A422 RUSCOTE AVENUE APPROX 80M NE OF J/W BEAUMONT ROAD BANBURY

E: 445111 N: 241707 Junction Detail: Not within 20m of j Control:  
 Fine without high winds Road surface Wet/Damp Daylight  
 Vehicle Reference 1 Car Moving from S to NE Stopping On main carriageway  
 Casualty Reference: 1 Age: 82 Female Passenger Severity: Serious Injured by vehicle: 1  
 Vehicle Reference 2 Car Moving from S to NE Going ahead but held up On main carriageway

Saturday 06/02/2016 Time 1305 Slight at A422 RUSCOTE AVENUE APPROX 50M NE OF J/W BEAUMONT ROAD BANBURY

E: 445091 N: 241687 Junction Detail: Not within 20m of j Control:  
 Fine with high winds Road surface Wet/Damp Daylight  
 Vehicle Reference 1 Car Moving from S to NE Going ahead other On main carriageway  
 Vehicle Reference 2 Car Moving from S to NE Going ahead but held up On main carriageway  
 Casualty Reference: 1 Age: 30 Female Driver/rider Severity: Slight Injured by vehicle: 2  
 Vehicle Reference 3 Car Moving from S to NE Going ahead but held up On main carriageway

Accidents between dates 01/01/2012 and 30/09/2017 (69) months

Selection: Notes:

Selected using Manual Selection

Friday 29/04/2016 Time 1445 Slight at A422 RUSCOTE AVENUE APPROX 60M NE OF J/W BEAUMONT ROAD BANBURY

E: 445103 N: 241699 Junction Detail: Not within 20m of j Control:

Fine without high winds Road surface Dry Daylight

Vehicle Reference 1 Car Moving from S to NE Going ahead other On main carriageway

Vehicle Reference 2 Car Moving from S to NE Going ahead other On main carriageway

Casualty Reference: 1 Age: 25 Male Driver/rider Severity: Slight Injured by vehicle: 2

Saturday 30/04/2016 Time 1301 Slight at A423 SOUTHAM ROAD J/W PIPE LANE BANBURY

E: 445445 N: 241575 Junction Detail: T or staggered junct Control: Give way or controlled

Fine without high winds Road surface Dry Daylight

Vehicle Reference 1 Motor Cycle over 50 Moving from NE to S Overtaking moving vehicle O/S On main carriageway

Casualty Reference: 1 Age: 28 Male Driver/rider Severity: Slight Injured by vehicle: 1

Vehicle Reference 2 Car Moving from SE to NE Turning right On main carriageway

Accidents between dates 01/01/2012 and 30/09/2017 (69) months

Selection: Notes:

Selected using Manual Selection

Tuesday 27/09/2016 Time 1800 Slight at A423 SOUTHAM ROAD RBT J/W A422 HENNEF WAT & RUSCOTE AVENUE BANBURY

E: 445518 N: 241815 Junction Detail: Roundabout Control: Give way or controlled

Fine without high winds Road surface Dry Daylight

Vehicle Reference 1 Car Moving from N to E Turning left On main carriageway

Vehicle Reference 2 Car Moving from W to E Going ahead other On main carriageway

Casualty Reference: 1 Age: 54 Male Driver/rider Severity: Slight Injured by vehicle: 2

Monday 10/10/2016 Time 1721 Slight at A361 SOUTHAM ROAD J/W CEMETERY CAR PARK EXIT BANBURY

E: 445306 N: 241295 Junction Detail: Using private drive c Control: Give way or controlled

Fine without high winds Road surface Wet/Damp Daylight

Vehicle Reference 1 Car Moving from N to W Turning right On main carriageway

Vehicle Reference 2 Pedal Cycle Moving from N to S Going ahead other Cycleway or shared use footway (not part of main carriagew

Casualty Reference: 1 Age: 37 Male Driver/rider Severity: Slight Injured by vehicle: 2

Accidents between dates 01/01/2012 and 30/09/2017 (69) months

Selection: Notes:

Selected using Manual Selection

Wednesday 02/11/2016 Time 0920 Slight at A422 HENNEF WAY EBOUND CWAY APPROX 200M W OF RBT J/W A4260 CONCORDE AVE BANBURY

E: 445764 N: 241663 Junction Detail: Not within 20m of j Control:

Fine without high winds Road surface Dry Daylight

Vehicle Reference 1 Car Moving from N to SE Going ahead other On main carriageway

Vehicle Reference 2 Car Moving from N to SE Going ahead but held up On main carriageway

Casualty Reference: 1 Age: 29 Male Driver/rider Severity: Slight Injured by vehicle: 2

Sunday 11/12/2016 Time 1602 Slight at A422 RUSCOTE AVE RBT J/W LONGELANDES WAY BANBURY

E: 444824 N: 241459 Junction Detail: Roundabout Control: Give way or controlled

Fine without high winds Road surface Dry Daylight

Vehicle Reference 1 Car Moving from S to NE Stopping On main carriageway

Vehicle Reference 2 Car Moving from S to NE Going ahead but held up On main carriageway

Casualty Reference: 1 Age: 25 Female Driver/rider Severity: Slight Injured by vehicle: 2

Accidents between dates 01/01/2012 and 30/09/2017 (69) months

Selection: Notes:

Selected using Manual Selection

Thursday 15/12/2016 Time 0643 Slight at A361 SOUTHAM ROAD J/W COPE ROAD BANBURY

E: 445358 N: 240952 Junction Detail: T or staggered junct Control: Give way or controlled

Other Road surface Wet/Damp Darkness: street lights present and lit

Vehicle Reference 1 Car Moving from W to N Turning left On main carriageway

Vehicle Reference 2 Pedal Cycle Moving from S to N Going ahead other Cycle lane (on main carriageway)

Casualty Reference: 1 Age: 29 Male Driver/rider Severity: Slight Injured by vehicle: 2

Tuesday 17/01/2017 Time 1734 Slight at A361 SOUTHAM ROAD J/W COOPERS GATE BANBURY

E: 445354 N: 241007 Junction Detail: T or staggered junct Control: Give way or controlled

Fine without high winds Road surface Dry Darkness: street lights present and lit

Vehicle Reference 1 Car Moving from S to N Going ahead other On main carriageway

Vehicle Reference 2 Pedal Cycle Moving from S to E Turning right On main carriageway

Casualty Reference: 1 Age: 31 Female Driver/rider Severity: Slight Injured by vehicle: 2

Accidents between dates 01/01/2012 and 30/09/2017 (69) months

Selection: Notes:

Selected using Manual Selection

Monday 30/01/2017 Time 1653 Serious at A361 SOUTHAM ROAD J/W ACCESS TO TOPP TILES PREMISES BANURY

E: 445308 N: 241189 Junction Detail: Using private drive c Control: Give way or controlled

Fine without high winds Road surface Wet/Damp Darkness: street lights present and lit

Vehicle Reference 1 Car Moving from E to N Turning right On main carriageway

Vehicle Reference 2 Motor Cycle over 50 Moving from N to S Going ahead other On main carriageway

Casualty Reference: 1 Age: 37 Male Driver/rider Severity: Serious Injured by vehicle: 2

Monday 20/02/2017 Time 1655 Slight at A361 SOUTHAM ROAD ON FOOTWAY ON E SIDE OF ROAD APPROX 40M NE OF J/W MARLEY WAY BANBURY

E: 445422 N: 241522 Junction Detail: Not within 20m of j Control:

Fine without high winds Road surface Dry Daylight

Vehicle Reference 1 Mobility Scooter Moving from S to NE Going ahead other 9

Vehicle Reference 2 Pedal Cycle Moving from NE to S Going ahead other 9

Casualty Reference: 1 Age: 18 Male Driver/rider Severity: Slight Injured by vehicle: 2



Accidents between dates 01/01/2012 and 30/09/2017 (69) months

Selection: Notes:

Selected using Manual Selection

Friday 10/03/2017 Time 1444 Serious at A422 RUSCOTE AVENUE RBT J/W LONGELANDES WAY BANBURY

E: 444827 N: 241462 Junction Detail: Roundabout Control: Give way or controlled

Fine without high winds Road surface Dry Daylight

Vehicle Reference 1 Pedal Cycle Moving from S to NE Going ahead other On main carriageway

Casualty Reference: 1 Age: 46 Male Driver/rider Severity: Serious Injured by vehicle: 1

Vehicle Reference 2 Car Moving from S to NE Going ahead but held up On main carriageway

Saturday 08/04/2017 Time 1012 Serious at A361 SOUTHAM ROAD 20M S OF J/W MARLEY WAY BANBURY

E: 445356 N: 241420 Junction Detail: Other junction Control: Give way or controlled

Fine without high winds Road surface Dry Daylight

Vehicle Reference 1 Motorcycle over 500 Moving from NE to S Going ahead other On main carriageway

Casualty Reference: 1 Age: 33 Male Driver/rider Severity: Serious Injured by vehicle: 1

Accidents between dates 01/01/2012 and 30/09/2017 (69) months

Selection: Notes:

Selected using Manual Selection

Saturday 19/08/2017 Time 1605 Slight at A361 AOUTHAM ROAD J/W ACCESS FOR DUNELM MILL / ARC CAR WASH BANBURY

E: 445307 N: 241196 Junction Detail: Using private drive c Control: Give way or controlled

Fine without high winds Road surface Dry Daylight

Vehicle Reference 1	Car	Moving from	E	to	N	Turning right	On main carriageway
Casualty Reference:	2	Age:	19	Male		Passenger	Severity: Slight Injured by vehicle: 1
Casualty Reference:	3	Age:	27	Male		Driver/rider	Severity: Slight Injured by vehicle: 1
Vehicle Reference 2	Car	Moving from	N	to	S	Going ahead other	On main carriageway
Casualty Reference:	1	Age:	30	Male		Driver/rider	Severity: Slight Injured by vehicle: 2



## Appendix E

## TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use : 02 - EMPLOYMENT  
 Category : F - WAREHOUSING (COMMERCIAL)  
 VEHICLES

Selected regions and areas:

04	EAST ANGLIA	
	SF SUFFOLK	2 days
05	EAST MIDLANDS	
	DS DERBYSHIRE	1 days
	LN LINCOLNSHIRE	1 days
06	WEST MIDLANDS	
	WM WEST MIDLANDS	2 days
07	YORKSHIRE & NORTH LINCOLNSHIRE	
	WY WEST YORKSHIRE	1 days
09	NORTH	
	CB CUMBRIA	1 days
	TV TEES VALLEY	1 days
	TW TYNE & WEAR	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: Gross floor area  
 Actual Range: 634 to 32300 (units: sqm)  
 Range Selected by User: 634 to 80066 (units: sqm)

Public Transport Provision:

Selection by: Include all surveys

Date Range: 01/01/09 to 19/09/16

*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	3 days
Tuesday	3 days
Wednesday	1 days
Thursday	1 days
Friday	2 days

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

Selected survey types:

Manual count	10 days
Directional ATC Count	0 days

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

Selected Locations:

Edge of Town Centre	3
Suburban Area (PPS6 Out of Centre)	2
Edge of Town	5

*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:

Industrial Zone	6
Commercial Zone	2
Built-Up Zone	1
No Sub Category	1

*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:

B8 9 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:

1,001 to 5,000	2 days
5,001 to 10,000	3 days
10,001 to 15,000	2 days
25,001 to 50,000	3 days

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

Population within 5 miles:

5,001 to 25,000	3 days
25,001 to 50,000	2 days
125,001 to 250,000	1 days
250,001 to 500,000	2 days
500,001 or More	2 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	6 days
1.1 to 1.5	4 days

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

Travel Plan:

No 10 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 10 days

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

LIST OF SITES relevant to selection parameters

1	CB-02-F-01 COWPER ROAD GILWILLY IND. ESTATE PENRITH Edge of Town Industrial Zone Total Gross floor area: 2950 sqm <i>Survey date: TUESDAY 10/06/14</i>	DOMI NO'S PIZZA	CUMBRIA	<i>Survey Type: MANUAL</i>
2	DS-02-F-01 FORRESTERS BUSINESS P.. SINFIN LANE DERBY Edge of Town Centre Commercial Zone Total Gross floor area: 1900 sqm <i>Survey date: TUESDAY 05/07/11</i>	ARMADILLO S. STORAGE	DERBYSHIRE	<i>Survey Type: MANUAL</i>
3	LN-02-F-01 TRENT ROAD  GRANTHAM Edge of Town No Sub Category Total Gross floor area: 32300 sqm <i>Survey date: MONDAY 29/11/10</i>	BOOK SERVICE	LINCOLNSHIRE	<i>Survey Type: MANUAL</i>
4	SF-02-F-02 WALTON ROAD  FELIXSTOWE Suburban Area (PPS6 Out of Centre) Industrial Zone Total Gross floor area: 22270 sqm <i>Survey date: THURSDAY 11/07/13</i>	WAREHOUSING	SUFFOLK	<i>Survey Type: MANUAL</i>
5	SF-02-F-03 CENTRAL AVENUE WARREN HEATH IPSWICH Edge of Town Industrial Zone Total Gross floor area: 4700 sqm <i>Survey date: FRIDAY 18/09/15</i>	ROAD HAULAGE	SUFFOLK	<i>Survey Type: MANUAL</i>
6	TV-02-F-03 UNIT 8,NAVIGATOR COURT  STOCKTON-ON-TEES Suburban Area (PPS6 Out of Centre) Industrial Zone Total Gross floor area: 634 sqm <i>Survey date: TUESDAY 28/06/11</i>	ELECTRICAL COMPONENTS	TEES VALLEY	<i>Survey Type: MANUAL</i>
7	TW-02-F-01 MANDARIN WAY PATTISON IND. ESTATE WASHINGTON Edge of Town Industrial Zone Total Gross floor area: 31000 sqm <i>Survey date: FRIDAY 13/11/15</i>	ASDA DISTRIBUTION CENTRE	TYNE & WEAR	<i>Survey Type: MANUAL</i>
8	WM-02-F-01 SAMPSON ROAD NORTH  BIRMINGHAM Edge of Town Centre Industrial Zone Total Gross floor area: 4000 sqm <i>Survey date: WEDNESDAY 17/06/09</i>	LEGETT LOGIS.	WEST MIDLANDS	<i>Survey Type: MANUAL</i>
9	WM-02-F-02 SOVEREIGN ROAD KINGS NORTON BIRMINGHAM Edge of Town Commercial Zone Total Gross floor area: 3625 sqm <i>Survey date: MONDAY 09/11/15</i>	LOGISTICS FIRM	WEST MIDLANDS	<i>Survey Type: MANUAL</i>

LIST OF SITES relevant to selection parameters (Cont.)

10	WY-02-F-01	ELECTRONICS DISTRIBUTION	WEST YORKSHIRE
	MORTIMER STREET		
	CLECKHEATON		
	Edge of Town Centre		
	Built-Up Zone		
	Total Gross floor area:	1507 sqm	
	Survey date: MONDAY	19/09/16	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.*



TRIP RATE for Land Use 02 - EMPLOYMENT/F - WAREHOUSING (COMMERCIAL)  
VEHICLES

Calculation factor: 100 sqm

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	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	2	12610	0.028	2	12610	0.036	2	12610	0.064
06:00 - 07:00	2	12610	0.067	2	12610	0.059	2	12610	0.126
07:00 - 08:00	10	10489	0.079	10	10489	0.029	10	10489	0.108
08:00 - 09:00	10	10489	0.120	10	10489	0.052	10	10489	0.172
09:00 - 10:00	10	10489	0.066	10	10489	0.043	10	10489	0.109
10:00 - 11:00	10	10489	0.065	10	10489	0.063	10	10489	0.128
11:00 - 12:00	10	10489	0.054	10	10489	0.051	10	10489	0.105
12:00 - 13:00	10	10489	0.065	10	10489	0.057	10	10489	0.122
13:00 - 14:00	10	10489	0.100	10	10489	0.062	10	10489	0.162
14:00 - 15:00	10	10489	0.057	10	10489	0.079	10	10489	0.136
15:00 - 16:00	10	10489	0.052	10	10489	0.068	10	10489	0.120
16:00 - 17:00	10	10489	0.039	10	10489	0.076	10	10489	0.115
17:00 - 18:00	10	10489	0.031	10	10489	0.104	10	10489	0.135
18:00 - 19:00	9	11487	0.025	9	11487	0.053	9	11487	0.078
19:00 - 20:00	2	12610	0.056	2	12610	0.052	2	12610	0.108
20:00 - 21:00	2	12610	0.024	2	12610	0.044	2	12610	0.068
21:00 - 22:00	1	22270	0.031	1	22270	0.018	1	22270	0.049
22:00 - 23:00									
23:00 - 24:00									
<b>Total Rates:</b>			0.959			0.946			1.905

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

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

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#### Parameter summary

Trip rate parameter range selected:	634 - 32300 (units: sqm)
Survey date date range:	01/01/09 - 19/09/16
Number of weekdays (Monday-Friday):	10
Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	0
Surveys manually removed from selection:	0

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

TRIP RATE for Land Use 02 - EMPLOYMENT/F - WAREHOUSING (COMMERCIAL)

OGVS

Calculation factor: 100 sqm

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	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	2	12610	0.012	2	12610	0.036	2	12610	0.048
06:00 - 07:00	2	12610	0.032	2	12610	0.056	2	12610	0.088
07:00 - 08:00	10	10489	0.024	10	10489	0.019	10	10489	0.043
08:00 - 09:00	10	10489	0.031	10	10489	0.025	10	10489	0.056
09:00 - 10:00	10	10489	0.031	10	10489	0.026	10	10489	0.057
10:00 - 11:00	10	10489	0.036	10	10489	0.035	10	10489	0.071
11:00 - 12:00	10	10489	0.024	10	10489	0.021	10	10489	0.045
12:00 - 13:00	10	10489	0.029	10	10489	0.019	10	10489	0.048
13:00 - 14:00	10	10489	0.039	10	10489	0.024	10	10489	0.063
14:00 - 15:00	10	10489	0.031	10	10489	0.019	10	10489	0.050
15:00 - 16:00	10	10489	0.033	10	10489	0.024	10	10489	0.057
16:00 - 17:00	10	10489	0.023	10	10489	0.025	10	10489	0.048
17:00 - 18:00	10	10489	0.016	10	10489	0.031	10	10489	0.047
18:00 - 19:00	9	11487	0.011	9	11487	0.018	9	11487	0.029
19:00 - 20:00	2	12610	0.016	2	12610	0.044	2	12610	0.060
20:00 - 21:00	2	12610	0.012	2	12610	0.036	2	12610	0.048
21:00 - 22:00	1	22270	0.027	1	22270	0.004	1	22270	0.031
22:00 - 23:00									
23:00 - 24:00									
Total Rates:			0.427			0.462			0.889

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

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

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#### Parameter summary

Trip rate parameter range selected:	634 - 32300 (units: sqm)
Survey date date range:	01/01/09 - 19/09/16
Number of weekdays (Monday-Friday):	10
Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	0
Surveys manually removed from selection:	0

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

## Appendix F

## TRIP RATE CALCULATION SELECTION PARAMETERS:

Land Use : 02 - EMPLOYMENT  
 Category : C - INDUSTRIAL UNIT  
 VEHICLES

Selected regions and areas:

03	SOUTH WEST	
	DV DEVON	1 days
06	WEST MIDLANDS	
	WM WEST MIDLANDS	1 days
07	YORKSHIRE & NORTH LINCOLNSHIRE	
	WY WEST YORKSHIRE	1 days
08	NORTH WEST	
	CH CHESHIRE	2 days
	LC LANCASHIRE	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: Gross floor area  
 Actual Range: 5070 to 20000 (units: sqm)  
 Range Selected by User: 5000 to 30000 (units: sqm)

Public Transport Provision:

Selection by: Include all surveys

Date Range: 01/01/09 to 19/09/16

*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	2 days
Tuesday	2 days
Wednesday	1 days
Thursday	1 days

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

Selected survey types:

Manual count	6 days
Directional ATC Count	0 days

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

Selected Locations:

Edge of Town Centre	1
Suburban Area (PPS6 Out of Centre)	1
Edge of Town	4

*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:

Industrial Zone	5
Development Zone	1

*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:

B1	3 days
B2	1 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:

5,001 to 10,000	2 days
10,001 to 15,000	2 days
25,001 to 50,000	2 days

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

Population within 5 miles:

50,001 to 75,000	1 days
125,001 to 250,000	4 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	3 days
1.1 to 1.5	3 days

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

Travel Plan:

No	6 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	6 days
-----------------	--------

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

LIST OF SITES relevant to selection parameters

1	CH-02-C-02	INDUSTRIAL MATERIALS		CHESHIRE
	JUPITER DRIVE			
	CHESTER W. EMP. PARK			
	CHESTER			
	Edge of Town			
	Industrial Zone			
	Total Gross floor area:	8100 sqm		
	Survey date: WEDNESDAY	19/11/14		Survey Type: MANUAL
2	CH-02-C-03	OFFICE FURNITURE		CHESHIRE
	BRUNEL ROAD			
	LYME GREEN BUS. PARK			
	MACCLESFIELD			
	Edge of Town			
	Development Zone			
	Total Gross floor area:	6658 sqm		
	Survey date: MONDAY	19/09/16		Survey Type: MANUAL
3	DV-02-C-01	TUBE MANUFACTURE		DEVON
	PLYMBRIDGE ROAD			
	ESTOVER			
	PLYMOUTH			
	Edge of Town			
	Industrial Zone			
	Total Gross floor area:	20000 sqm		
	Survey date: TUESDAY	17/07/12		Survey Type: MANUAL
4	LC-02-C-02	RECYCLING CO.		LANCASHIRE
	ESSEX STREET			
	RED SCAR IND ESTATE			
	PRESTON			
	Edge of Town Centre			
	Industrial Zone			
	Total Gross floor area:	8000 sqm		
	Survey date: THURSDAY	10/05/12		Survey Type: MANUAL
5	WM-02-C-03	INDUSTRIAL GLASS		WEST MIDLANDS
	DOWNING STREET			
	SMETHWICK			
	Edge of Town			
	Industrial Zone			
	Total Gross floor area:	5070 sqm		
	Survey date: TUESDAY	06/11/12		Survey Type: MANUAL
6	WY-02-C-02	FLUID SYSTEMS		WEST YORKSHIRE
	BROWN LANE WEST			
	HOLBECK			
	LEEDS			
	Suburban Area (PPS6 Out of Centre)			
	Industrial Zone			
	Total Gross floor area:	13350 sqm		
	Survey date: MONDAY	19/10/15		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
WS-02-C-02	Significant Office Proportion



TRIP RATE for Land Use 02 - EMPLOYMENT/C - INDUSTRIAL UNIT  
VEHICLES

Calculation factor: 100 sqm

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	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	1	13350	0.457	1	13350	0.000	1	13350	0.457
07:00 - 08:00	6	10196	0.266	6	10196	0.036	6	10196	0.302
08:00 - 09:00	6	10196	0.204	6	10196	0.052	6	10196	0.256
09:00 - 10:00	6	10196	0.126	6	10196	0.074	6	10196	0.200
10:00 - 11:00	6	10196	0.082	6	10196	0.052	6	10196	0.134
11:00 - 12:00	6	10196	0.049	6	10196	0.062	6	10196	0.111
12:00 - 13:00	6	10196	0.075	6	10196	0.092	6	10196	0.167
13:00 - 14:00	6	10196	0.157	6	10196	0.087	6	10196	0.244
14:00 - 15:00	6	10196	0.070	6	10196	0.141	6	10196	0.211
15:00 - 16:00	6	10196	0.060	6	10196	0.168	6	10196	0.228
16:00 - 17:00	6	10196	0.041	6	10196	0.307	6	10196	0.348
17:00 - 18:00	6	10196	0.039	6	10196	0.177	6	10196	0.216
18:00 - 19:00	6	10196	0.005	6	10196	0.080	6	10196	0.085
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
<b>Total Rates:</b>			1.631			1.328			2.959

*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.*

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#### Parameter summary

Trip rate parameter range selected:	5070 - 20000 (units: sqm)
Survey date date range:	01/01/09 - 19/09/16
Number of weekdays (Monday-Friday):	6
Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	1
Surveys manually removed from selection:	1

*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.*

TRIP RATE for Land Use 02 - EMPLOYMENT/C - INDUSTRIAL UNIT

TAXI S

Calculation factor: 100 sqm

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	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	1	13350	0.000	1	13350	0.000	1	13350	0.000
07:00 - 08:00	6	10196	0.000	6	10196	0.000	6	10196	0.000
08:00 - 09:00	6	10196	0.000	6	10196	0.000	6	10196	0.000
09:00 - 10:00	6	10196	0.000	6	10196	0.000	6	10196	0.000
10:00 - 11:00	6	10196	0.002	6	10196	0.002	6	10196	0.004
11:00 - 12:00	6	10196	0.000	6	10196	0.000	6	10196	0.000
12:00 - 13:00	6	10196	0.000	6	10196	0.000	6	10196	0.000
13:00 - 14:00	6	10196	0.002	6	10196	0.002	6	10196	0.004
14:00 - 15:00	6	10196	0.000	6	10196	0.000	6	10196	0.000
15:00 - 16:00	6	10196	0.000	6	10196	0.000	6	10196	0.000
16:00 - 17:00	6	10196	0.000	6	10196	0.000	6	10196	0.000
17:00 - 18:00	6	10196	0.000	6	10196	0.000	6	10196	0.000
18:00 - 19:00	6	10196	0.000	6	10196	0.000	6	10196	0.000
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
<b>Total Rates:</b>			0.004			0.004			0.008

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

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

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#### Parameter summary

Trip rate parameter range selected:	5070 - 20000 (units: sqm)
Survey date date range:	01/01/09 - 19/09/16
Number of weekdays (Monday-Friday):	6
Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	1
Surveys manually removed from selection:	1

*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.*

TRIP RATE for Land Use 02 - EMPLOYMENT/C - INDUSTRIAL UNIT  
OGVS

Calculation factor: 100 sqm

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	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	1	13350	0.000	1	13350	0.000	1	13350	0.000
07:00 - 08:00	6	10196	0.011	6	10196	0.008	6	10196	0.019
08:00 - 09:00	6	10196	0.015	6	10196	0.011	6	10196	0.026
09:00 - 10:00	6	10196	0.018	6	10196	0.013	6	10196	0.031
10:00 - 11:00	6	10196	0.018	6	10196	0.016	6	10196	0.034
11:00 - 12:00	6	10196	0.010	6	10196	0.016	6	10196	0.026
12:00 - 13:00	6	10196	0.008	6	10196	0.011	6	10196	0.019
13:00 - 14:00	6	10196	0.016	6	10196	0.013	6	10196	0.029
14:00 - 15:00	6	10196	0.011	6	10196	0.005	6	10196	0.016
15:00 - 16:00	6	10196	0.010	6	10196	0.008	6	10196	0.018
16:00 - 17:00	6	10196	0.002	6	10196	0.011	6	10196	0.013
17:00 - 18:00	6	10196	0.000	6	10196	0.000	6	10196	0.000
18:00 - 19:00	6	10196	0.000	6	10196	0.000	6	10196	0.000
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
<b>Total Rates:</b>			0.119			0.112			0.231

*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.*

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#### Parameter summary

Trip rate parameter range selected:	5070 - 20000 (units: sqm)
Survey date date range:	01/01/09 - 19/09/16
Number of weekdays (Monday-Friday):	6
Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	1
Surveys manually removed from selection:	1

*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.*

TRIP RATE for Land Use 02 - EMPLOYMENT/C - INDUSTRIAL UNIT

PSVS

Calculation factor: 100 sqm

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	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	1	13350	0.000	1	13350	0.000	1	13350	0.000
07:00 - 08:00	6	10196	0.000	6	10196	0.000	6	10196	0.000
08:00 - 09:00	6	10196	0.000	6	10196	0.000	6	10196	0.000
09:00 - 10:00	6	10196	0.002	6	10196	0.002	6	10196	0.004
10:00 - 11:00	6	10196	0.002	6	10196	0.000	6	10196	0.002
11:00 - 12:00	6	10196	0.000	6	10196	0.002	6	10196	0.002
12:00 - 13:00	6	10196	0.002	6	10196	0.002	6	10196	0.004
13:00 - 14:00	6	10196	0.000	6	10196	0.000	6	10196	0.000
14:00 - 15:00	6	10196	0.000	6	10196	0.000	6	10196	0.000
15:00 - 16:00	6	10196	0.000	6	10196	0.000	6	10196	0.000
16:00 - 17:00	6	10196	0.000	6	10196	0.000	6	10196	0.000
17:00 - 18:00	6	10196	0.000	6	10196	0.000	6	10196	0.000
18:00 - 19:00	6	10196	0.000	6	10196	0.000	6	10196	0.000
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
<b>Total Rates:</b>			0.006			0.006			0.012

*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.*

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#### Parameter summary

Trip rate parameter range selected:	5070 - 20000 (units: sqm)
Survey date date range:	01/01/09 - 19/09/16
Number of weekdays (Monday-Friday):	6
Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	1
Surveys manually removed from selection:	1

*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.*



TRIP RATE for Land Use 02 - EMPLOYMENT/C - INDUSTRIAL UNIT  
CYCLISTS

Calculation factor: 100 sqm

BOLD print indicates peak (busiest) period

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	Trip Rate	No. Days	Ave. GFA	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	1	13350	0.015	1	13350	0.000	1	13350	0.015
07:00 - 08:00	6	10196	0.003	6	10196	0.000	6	10196	0.003
08:00 - 09:00	6	10196	0.002	6	10196	0.000	6	10196	0.002
09:00 - 10:00	6	10196	0.000	6	10196	0.000	6	10196	0.000
10:00 - 11:00	6	10196	0.000	6	10196	0.000	6	10196	0.000
11:00 - 12:00	6	10196	0.000	6	10196	0.000	6	10196	0.000
12:00 - 13:00	6	10196	0.000	6	10196	0.000	6	10196	0.000
13:00 - 14:00	6	10196	0.000	6	10196	0.000	6	10196	0.000
14:00 - 15:00	6	10196	0.007	6	10196	0.005	6	10196	0.012
15:00 - 16:00	6	10196	0.000	6	10196	0.003	6	10196	0.003
16:00 - 17:00	6	10196	0.000	6	10196	0.008	6	10196	0.008
17:00 - 18:00	6	10196	0.000	6	10196	0.008	6	10196	0.008
18:00 - 19:00	6	10196	0.000	6	10196	0.005	6	10196	0.005
19:00 - 20:00									
20:00 - 21:00									
21:00 - 22:00									
22:00 - 23:00									
23:00 - 24:00									
<b>Total Rates:</b>			0.027			0.029			0.056

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.

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#### Parameter summary

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Survey date date range:	01/01/09 - 19/09/16
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Number of Saturdays:	0
Number of Sundays:	0
Surveys automatically removed from selection:	1
Surveys manually removed from selection:	1

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## Appendix G

Residence	Method of	mainly at od,	od, metro, lig	Train	minibus or	Taxi	le, scooter	ing a car or	ger in a car	Bicycle	On foot	Method of travel to work
Barking and Dagenham 004	1	0	0	0	0	0	0	1	0	0	0	0
Brent 009	1	0	0	0	0	0	0	1	0	0	0	0
Brent 029	1	0	0	0	0	0	0	1	0	0	0	0
Bromley 030	1	0	0	0	0	0	0	1	0	0	0	0
Croydon 019	2	0	0	2	0	0	0	0	0	0	0	0
Croydon 020	10	0	0	10	0	0	0	0	0	0	0	0
Croydon 024	1	0	0	1	0	0	0	0	0	0	0	0
Ealing 008	1	0	0	0	0	0	0	1	0	0	0	0
Ealing 011	1	0	0	0	0	0	0	1	0	0	0	0
Enfield 012	1	0	1	0	0	0	0	0	0	0	0	0
Enfield 015	1	0	0	0	1	0	0	0	0	0	0	0
Enfield 018	1	0	1	0	0	0	0	0	0	0	0	0
Enfield 024	1	0	1	0	0	0	0	0	0	0	0	0
Hammersmith and Fulham 003	1	0	0	1	0	0	0	0	0	0	0	0
Hammersmith and Fulham 005	1	0	0	1	0	0	0	0	0	0	0	0
Hammersmith and Fulham 008	2	0	0	0	0	0	0	2	0	0	0	0
Harrow 021	1	0	0	0	0	0	0	1	0	0	0	0
Hillingdon 002	1	0	0	0	0	0	0	1	0	0	0	0
Hillingdon 014	2	0	0	0	0	0	0	2	0	0	0	0
Lambeth 012	3	0	0	0	0	0	0	3	0	0	0	0
Richmond upon Thames 020	2	0	0	0	0	0	0	2	0	0	0	0
Sutton 018	1	0	0	0	0	0	0	1	0	0	0	0
Wandsworth 011	1	0	0	0	0	0	0	1	0	0	0	0
Bolton 019	2	0	0	0	0	0	0	2	0	0	0	0
Manchester 034	1	0	0	0	0	0	0	1	0	0	0	0
Rochdale 003	1	0	0	0	0	0	0	1	0	0	0	0
Salford 004	1	0	0	0	0	0	0	1	0	0	0	0
Stockport 002	1	0	0	0	0	0	0	1	0	0	0	0
Tameside 003	1	0	0	0	0	0	0	1	0	0	0	0
Wigan 025	2	0	0	0	0	0	0	2	0	0	0	0

Liverpool 016	1	0	0	0	0	0	0	0	1	0	0	0	0
Liverpool 031	2	0	0	0	0	0	0	0	0	0	0	2	0
Liverpool 035	1	0	0	0	0	0	0	0	0	0	0	1	0
Wirral 007	1	0	0	0	0	0	0	0	1	0	0	0	0
Doncaster 002	1	0	0	0	0	0	0	0	1	0	0	0	0
Doncaster 003	1	0	0	0	0	0	0	0	1	0	0	0	0
Doncaster 019	1	0	0	0	0	0	0	0	1	0	0	0	0
Rotherham 030	1	0	0	0	0	0	0	0	1	0	0	0	0
Sheffield 004	1	0	0	0	0	0	0	0	1	0	0	0	0
Sheffield 017	1	0	0	0	0	0	0	0	1	0	0	0	0
Sheffield 023	1	0	0	0	0	0	0	0	1	0	0	0	0
Sheffield 044	1	0	0	0	0	0	0	0	1	0	0	0	0
Sheffield 071	1	0	0	0	0	0	0	0	1	0	0	0	0
Gateshead 005	1	0	0	0	0	0	0	0	1	0	0	0	0
South Tyneside 001	1	0	0	0	0	0	0	0	1	0	0	0	0
South Tyneside 020	2	0	0	0	0	0	0	0	2	0	0	0	0
Sunderland 024	1	0	0	0	0	0	0	0	1	0	0	0	0
Birmingham 016	2	0	0	0	0	0	0	0	2	0	0	0	0
Birmingham 018	1	0	0	0	0	0	0	0	1	0	0	0	0
Birmingham 037	1	0	0	0	0	0	1	0	0	0	0	0	0
Birmingham 045	1	0	0	0	0	0	0	0	1	0	0	0	0
Birmingham 047	1	0	0	0	1	0	0	0	0	0	0	0	0
Birmingham 049	1	0	0	1	0	0	0	0	0	0	0	0	0
Birmingham 050	1	0	0	0	0	0	0	0	1	0	0	0	0
Birmingham 051	1	0	0	0	0	0	0	0	0	0	0	1	0
Birmingham 054	1	0	0	0	0	0	0	0	1	0	0	0	0
Birmingham 070	1	0	0	0	0	0	0	0	0	1	0	0	0
Birmingham 071	1	0	0	0	0	0	0	0	1	0	0	0	0
Birmingham 076	1	0	0	0	0	0	0	0	1	0	0	0	0
Birmingham 081	1	0	0	0	0	0	0	0	1	0	0	0	0
Birmingham 088	2	0	0	0	0	0	0	0	2	0	0	0	0
Birmingham 089	2	0	0	1	0	0	0	0	1	0	0	0	0
Birmingham 092	1	0	0	0	0	0	0	0	1	0	0	0	0
Birmingham 093	3	0	0	0	0	0	0	0	3	0	0	0	0
Birmingham 096	2	0	0	0	0	0	0	0	1	1	0	0	0
Birmingham 097	1	0	0	0	0	0	0	0	0	1	0	0	0

Birmingham 098	1	0	0	0	0	0	0	0	0	1	0	0	0
Birmingham 112	2	0	0	0	0	0	0	0	2	0	0	0	0
Birmingham 118	1	0	0	0	0	0	0	0	1	0	0	0	0
Birmingham 120	3	0	0	0	0	0	0	0	2	1	0	0	0
Birmingham 124	1	0	0	0	0	0	0	0	1	0	0	0	0
Birmingham 125	1	0	0	0	0	0	0	0	1	0	0	0	0
Coventry 001	1	0	0	0	0	0	0	0	1	0	0	0	0
Coventry 002	2	0	0	0	0	0	0	0	2	0	0	0	0
Coventry 004	1	0	0	0	0	0	0	0	1	0	0	0	0
Coventry 005	1	0	0	0	0	0	0	0	1	0	0	0	0
Coventry 010	1	0	0	0	0	0	0	0	1	0	0	0	0
Coventry 011	2	0	0	0	0	0	0	0	2	0	0	0	0
Coventry 013	1	0	0	0	0	0	0	0	0	1	0	0	0
Coventry 014	1	0	0	0	0	0	0	0	1	0	0	0	0
Coventry 015	1	0	0	0	0	0	0	0	1	0	0	0	0
Coventry 018	2	0	0	0	0	0	0	0	2	0	0	0	0
Coventry 020	1	0	0	1	0	0	0	0	0	0	0	0	0
Coventry 022	1	0	0	0	0	0	0	0	1	0	0	0	0
Coventry 023	1	0	0	0	0	0	0	0	1	0	0	0	0
Coventry 024	1	0	0	0	0	0	0	0	0	0	0	1	0
Coventry 025	1	0	0	0	0	0	0	0	1	0	0	0	0
Coventry 026	2	0	0	0	0	0	0	0	2	0	0	0	0
Coventry 028	17	0	0	15	0	0	0	0	0	0	0	2	0
Coventry 029	1	0	0	0	1	0	0	0	0	0	0	0	0
Coventry 032	2	0	0	0	0	0	0	0	2	0	0	0	0
Coventry 033	1	0	0	0	0	0	0	0	1	0	0	0	0
Coventry 034	1	0	0	0	0	0	0	0	1	0	0	0	0
Coventry 035	1	0	0	0	0	0	0	0	1	0	0	0	0
Coventry 036	1	0	0	0	0	0	0	0	1	0	0	0	0
Coventry 041	4	0	0	0	0	0	0	0	4	0	0	0	0
Coventry 042	1	0	0	0	0	0	0	0	1	0	0	0	0
Dudley 024	2	0	0	0	0	0	0	0	2	0	0	0	0
Dudley 025	1	0	0	0	0	0	0	0	1	0	0	0	0
Dudley 032	1	0	0	0	0	0	0	0	1	0	0	0	0
Dudley 036	1	0	0	0	0	0	0	0	1	0	0	0	0
Dudley 040	1	0	0	0	0	0	0	0	1	0	0	0	0
Dudley 043	1	0	0	0	0	0	0	0	1	0	0	0	0

Sandwell 002	1	0	0	0	0	0	0	0	1	0	0	0	0
Solihull 002	1	0	0	0	0	0	0	0	1	0	0	0	0
Solihull 013	1	0	0	0	0	0	0	0	1	0	0	0	0
Solihull 017	1	0	0	0	0	0	0	0	1	0	0	0	0
Solihull 018	2	0	0	0	0	0	0	0	2	0	0	0	0
Solihull 022	1	0	0	0	0	0	0	0	1	0	0	0	0
Solihull 029	2	0	0	0	0	0	0	0	2	0	0	0	0
Walsall 001	1	0	0	0	0	0	0	0	1	0	0	0	0
Walsall 003	1	0	0	0	0	0	0	0	1	0	0	0	0
Walsall 007	1	0	0	0	0	0	0	0	1	0	0	0	0
Walsall 010	2	0	0	0	0	0	0	0	2	0	0	0	0
Walsall 035	1	0	0	0	0	0	0	0	1	0	0	0	0
Walsall 037	1	0	0	0	1	0	0	0	0	0	0	0	0
Walsall 038	1	0	0	0	1	0	0	0	0	0	0	0	0
Kirklees 030	1	0	0	0	0	0	0	0	1	0	0	0	0
Leeds 009	1	0	0	0	0	0	0	0	1	0	0	0	0
Leeds 100	1	0	0	0	0	0	0	0	1	0	0	0	0
Wakefield 024	1	0	0	0	0	0	0	0	1	0	0	0	0
Redcar and Cleveland 006	1	0	0	0	0	0	0	0	1	0	0	0	0
Redcar and Cleveland 012	1	0	0	0	1	0	0	0	0	0	0	0	0
Halton 003	1	0	0	0	0	0	0	0	1	0	0	0	0
North Lincolnshire 007	1	0	0	0	0	0	0	0	1	0	0	0	0
North Lincolnshire 010	2	0	0	0	0	0	0	0	1	0	0	1	0
Derby 002	1	0	0	0	0	0	0	0	1	0	0	0	0
Leicester 028	1	0	0	0	0	0	0	0	1	0	0	0	0
Rutland 002	1	0	0	0	0	0	0	0	1	0	0	0	0
Telford and Wrekin 004	1	0	0	0	0	0	0	0	1	0	0	0	0
Telford and Wrekin 010	1	0	0	0	0	0	0	0	1	0	0	0	0
Bristol 043	1	0	0	0	0	0	0	0	1	0	0	0	0
North Somerset 017	1	0	0	0	0	0	0	0	1	0	0	0	0
South Gloucestershire 017	1	0	0	0	0	0	0	0	0	1	0	0	0

Luton 015	1	0	0	0	0	0	0	0	1	0	0	0	0
Medway 003	1	0	0	0	0	0	0	0	1	0	0	0	0
Medway 012	1	0	0	0	0	0	0	0	1	0	0	0	0
Medway 017	1	0	0	0	0	0	0	0	1	0	0	0	0
Medway 027	1	0	0	0	0	0	0	0	1	0	0	0	0
Medway 031	1	0	0	0	0	0	0	0	1	0	0	0	0
Medway 036	1	0	0	0	0	0	0	0	1	0	0	0	0
Bracknell Forest 004	2	0	0	0	0	0	0	0	2	0	0	0	0
West Berkshire 018	1	0	0	0	0	0	0	0	1	0	0	0	0
West Berkshire 019	1	0	0	0	0	0	0	0	1	0	0	0	0
Reading 002	1	0	0	0	0	0	0	0	1	0	0	0	0
Reading 003	1	0	0	0	0	0	0	0	1	0	0	0	0
Reading 004	1	0	0	0	0	0	0	0	1	0	0	0	0
Reading 012	1	0	0	0	0	0	0	0	1	0	0	0	0
Reading 013	2	0	0	2	0	0	0	0	0	0	0	0	0
Slough 006	1	0	0	0	0	0	0	0	1	0	0	0	0
Windsor and Maidenhead 002	2	0	0	0	0	0	0	0	2	0	0	0	0
Windsor and Maidenhead 004	1	0	0	0	0	0	0	0	1	0	0	0	0
Milton Keynes 002	1	0	0	0	0	0	0	0	1	0	0	0	0
Milton Keynes 005	1	0	0	0	0	0	0	0	1	0	0	0	0
Milton Keynes 008	1	0	0	0	0	0	0	0	1	0	0	0	0
Milton Keynes 010	2	0	0	0	0	0	0	0	2	0	0	0	0
Milton Keynes 014	1	0	0	0	0	0	0	0	1	0	0	0	0
Milton Keynes 017	1	0	0	0	0	0	0	0	1	0	0	0	0
Milton Keynes 020	2	0	0	0	0	0	0	0	2	0	0	0	0
Milton Keynes 021	1	0	0	0	0	0	0	0	1	0	0	0	0
Milton Keynes 024	1	0	0	0	0	0	0	0	1	0	0	0	0
Milton Keynes 022	3	0	0	0	0	0	0	0	3	0	0	0	0



Milton Keynes 028	1	0	0	0	0	0	0	0	1	0	0	0	0
Milton Keynes 030	1	0	0	0	0	0	0	0	1	0	0	0	0
Brighton and Hove 017	1	0	0	0	0	0	0	0	1	0	0	0	0
Central Bedfordshire 003	2	0	0	0	0	0	0	0	2	0	0	0	0
Central Bedfordshire 009	1	0	0	0	0	0	0	0	1	0	0	0	0
Central Bedfordshire 010	2	0	0	0	0	0	0	0	2	0	0	0	0
Bedford 002	1	0	0	0	0	0	0	0	1	0	0	0	0
Bedford 006	1	0	0	0	0	0	0	0	1	0	0	0	0
Bedford 010	1	0	0	0	1	0	0	0	0	0	0	0	0
Bedford 019	1	0	0	0	0	0	0	0	1	0	0	0	0
Central Bedfordshire 021	3	0	0	0	0	0	0	0	3	0	0	0	0
Central Bedfordshire 025	1	0	0	0	0	0	0	0	1	0	0	0	0
Aylesbury Vale 001	1	0	0	0	0	0	0	0	1	0	0	0	0
Aylesbury Vale 002	1	0	0	0	0	0	0	0	1	0	0	0	0
Aylesbury Vale 003	2	0	0	0	0	0	0	0	2	0	0	0	0
Aylesbury Vale 004	4	0	0	0	0	0	1	3	0	0	0	0	0
Aylesbury Vale 005	1	0	0	0	0	0	0	0	1	0	0	0	0
Aylesbury Vale 008	1	0	0	0	0	0	0	0	1	0	0	0	0
Aylesbury Vale 009	1	0	0	0	0	0	0	0	1	0	0	0	0
Aylesbury Vale 010	2	0	0	0	0	0	0	0	2	0	0	0	0
Aylesbury Vale 012	1	0	0	0	0	0	0	0	1	0	0	0	0
Aylesbury Vale 013	2	0	0	0	0	0	0	0	2	0	0	0	0
Aylesbury Vale 014	1	0	0	0	0	0	0	0	1	0	0	0	0
Aylesbury Vale 016	2	0	0	0	0	0	0	0	2	0	0	0	0
Aylesbury Vale 019	1	0	0	0	0	0	0	0	1	0	0	0	0
Aylesbury Vale 021	1	0	0	0	0	0	0	0	1	0	0	0	0

Aylesbury Vale 023	1	0	0	0	0	0	0	0	1	0	0	0	0
Chiltern 005	1	0	0	0	0	0	0	0	1	0	0	0	0
Chiltern 007	1	0	0	0	0	0	0	0	0	0	0	1	0
South Bucks 001	1	0	0	0	0	0	0	0	1	0	0	0	0
South Bucks 004	1	0	0	0	0	0	0	0	1	0	0	0	0
Wycombe 004	1	0	0	0	0	0	0	0	1	0	0	0	0
Wycombe 006	2	0	0	0	0	0	0	0	2	0	0	0	0
Wycombe 008	1	0	0	1	0	0	0	0	0	0	0	0	0
Wycombe 009	1	0	0	0	0	0	0	0	1	0	0	0	0
Wycombe 020	1	0	0	0	0	0	0	0	1	0	0	0	0
Wycombe 022	1	0	0	0	0	0	0	0	1	0	0	0	0
East Cambridgeshire 005	1	0	0	0	0	0	0	0	1	0	0	0	0
Cheshire West and Chester 022	1	0	0	0	0	0	0	0	1	0	0	0	0
Cheshire West and Chester 029	1	0	0	0	1	0	0	0	0	0	0	0	0
Cheshire East 033	1	0	0	0	1	0	0	0	0	0	0	0	0
Cheshire East 040	1	0	0	0	0	0	0	0	1	0	0	0	0
Cheshire West and Chester 005	1	0	0	0	0	0	0	0	1	0	0	0	0
Cornwall 060	1	0	0	0	0	0	0	0	1	0	0	0	0
Cornwall 030	1	0	0	0	0	0	0	0	1	0	0	0	0
Eden 001	1	0	0	0	0	0	0	0	1	0	0	0	0
Erewash 005	1	0	0	0	0	0	0	0	1	0	0	0	0
Erewash 014	1	0	0	0	0	0	0	0	1	0	0	0	0
South Derbyshire 003	1	0	0	0	0	0	0	0	1	0	0	0	0
South Derbyshire 011	1	0	0	0	0	0	0	0	1	0	0	0	0
East Devon 013	1	0	0	0	0	0	0	0	1	0	0	0	0
East Dorset 003	1	0	0	0	0	0	0	0	0	1	0	0	0
Wealden 006	1	0	0	0	0	0	0	0	1	0	0	0	0
Braintree 011	1	0	0	0	0	0	0	0	1	0	0	0	0
Castle Point 002	1	0	0	0	0	0	0	0	1	0	0	0	0

Epping Forest 007	1	0	0	0	0	0	0	0	1	0	0	0	0
Epping Forest 014	1	0	0	0	0	0	0	0	1	0	0	0	0
Tendring 001	1	0	0	0	0	0	0	0	1	0	0	0	0
Cheltenham 005	1	0	0	0	0	0	0	0	1	0	0	0	0
Cheltenham 009	1	0	0	0	0	0	0	0	1	0	0	0	0
Cheltenham 010	1	0	0	0	0	0	0	0	1	0	0	0	0
Cheltenham 012	1	0	0	0	0	0	0	0	1	0	0	0	0
Cheltenham 013	1	0	0	0	0	0	0	0	1	0	0	0	0
Cotswold 001	2	0	0	0	0	0	0	0	2	0	0	0	0
Cotswold 002	5	0	0	0	0	0	0	1	3	1	0	0	0
Stroud 002	1	0	0	0	0	0	0	0	1	0	0	0	0
Tewkesbury 008	1	0	0	0	0	0	0	0	1	0	0	0	0
East Hampshire 007	1	0	0	0	0	0	0	0	1	0	0	0	0
Eastleigh 012	1	0	0	0	0	0	0	0	1	0	0	0	0
Fareham 002	1	0	0	0	0	0	0	0	1	0	0	0	0
Hart 001	1	0	0	0	0	0	0	1	0	0	0	0	0
Rushmoor 005	1	0	0	0	0	0	0	0	1	0	0	0	0
Rushmoor 012	1	0	0	0	0	0	0	0	1	0	0	0	0
Test Valley 005	1	0	0	0	0	0	0	0	1	0	0	0	0
Winchester 005	1	0	0	1	0	0	0	0	0	0	0	0	0
Broxbourne 013	1	0	0	0	0	0	0	0	1	0	0	0	0
Dacorum 016	1	0	0	0	0	0	0	0	1	0	0	0	0
Dacorum 020	1	0	0	0	0	0	0	0	1	0	0	0	0
North Hertfordshire 014	1	0	0	0	0	0	0	0	1	0	0	0	0
North Hertfordshire 015	3	0	0	0	0	0	0	0	3	0	0	0	0
St Albans 003	1	0	0	0	0	0	0	0	1	0	0	0	0
Stevenage 005	1	0	0	0	0	0	0	0	1	0	0	0	0
Three Rivers 010	1	0	0	0	0	0	0	0	1	0	0	0	0
Swale 007	1	0	0	0	0	0	0	0	1	0	0	0	0
Blaby 008	1	0	0	0	0	0	0	0	1	0	0	0	0
Blaby 009	1	0	0	0	0	0	0	0	1	0	0	0	0
Blaby 011	1	0	0	0	0	0	0	0	1	0	0	0	0
Blaby 012	1	0	0	0	0	0	0	0	1	0	0	0	0
Charnwood 004	1	0	0	0	0	0	0	0	1	0	0	0	0

Charnwood 005	2	0	0	0	0	0	0	2	0	0	0	0
Charnwood 016	2	0	0	0	0	0	0	1	1	0	0	0
Charnwood 021	1	0	0	0	0	0	0	1	0	0	0	0
Harborough 004	3	0	0	0	0	0	0	2	0	1	0	0
Harborough 005	2	0	0	0	0	0	0	2	0	0	0	0
Harborough 006	3	0	0	0	0	0	0	2	1	0	0	0
Harborough 007	1	0	0	0	0	0	0	1	0	0	0	0
Hinckley and Bosworth 004	1	0	0	0	0	0	0	1	0	0	0	0
Hinckley and Bosworth 008	2	0	0	0	0	0	0	2	0	0	0	0
Hinckley and Bosworth 012	1	0	0	0	0	0	0	1	0	0	0	0
Hinckley and Bosworth 013	1	0	0	0	0	0	0	1	0	0	0	0
North West Leicestershire 001	1	0	0	0	0	0	0	1	0	0	0	0
North West Leicestershire 013	1	0	0	0	0	0	0	1	0	0	0	0
North Kesteven 006	1	0	0	0	0	0	0	1	0	0	0	0
South Kesteven 001	1	0	0	0	0	0	0	1	0	0	0	0
South Kesteven 013	1	0	0	0	0	0	0	1	0	0	0	0
South Kesteven 014	1	0	0	0	0	0	0	1	0	0	0	0
Breckland 001	1	0	0	0	0	0	0	1	0	0	0	0
Breckland 003	1	0	0	0	0	0	0	1	0	0	0	0
Breckland 015	1	0	0	0	0	0	0	1	0	0	0	0
Breckland 016	1	0	0	0	0	0	0	1	0	0	0	0
Corby 002	1	0	0	0	0	0	0	1	0	0	0	0
Corby 004	1	0	0	0	0	0	0	0	0	1	0	0
Corby 006	1	0	0	0	0	0	0	1	0	0	0	0
Daventry 002	2	0	0	0	0	0	0	2	0	0	0	0
Daventry 003	2	0	0	0	0	0	0	2	0	0	0	0
Daventry 006	14	0	0	0	0	0	0	14	0	0	0	0
Daventry 007	19	0	0	0	0	0	0	18	1	0	0	0
Daventry 008	4	0	0	0	0	0	0	4	0	0	0	0

Daventry 009	3	0	0	0	0	0	0	0	3	0	0	0	0
Daventry 010	80	0	0	0	0	0	0	0	76	4	0	0	0
East Northamptonshire 002	1	0	0	0	0	0	0	0	1	0	0	0	0
East Northamptonshire 003	1	0	0	0	0	0	0	0	1	0	0	0	0
East Northamptonshire 004	1	0	0	0	0	0	0	0	1	0	0	0	0
East Northamptonshire 005	1	0	0	0	0	0	0	0	1	0	0	0	0
East Northamptonshire 007	1	0	0	0	0	0	0	0	1	0	0	0	0
Kettering 001	1	0	0	0	0	0	0	0	1	0	0	0	0
Kettering 007	1	0	0	0	0	0	0	0	1	0	0	0	0
Kettering 008	2	0	0	0	1	0	0	0	1	0	0	0	0
Kettering 011	1	0	0	0	0	0	0	0	1	0	0	0	0
Northampton 003	1	0	0	0	0	0	0	0	1	0	0	0	0
Northampton 004	1	0	0	0	0	0	0	0	0	0	0	1	0
Northampton 005	1	0	0	0	0	0	0	0	1	0	0	0	0
Northampton 006	1	0	0	0	0	0	0	0	1	0	0	0	0
Northampton 008	1	0	0	0	0	0	0	0	1	0	0	0	0
Northampton 010	1	0	0	0	0	0	0	0	1	0	0	0	0
Northampton 013	4	0	0	0	0	0	0	0	4	0	0	0	0
Northampton 014	2	0	0	0	0	0	0	0	2	0	0	0	0
Northampton 015	2	0	0	1	0	0	0	0	1	0	0	0	0
Northampton 016	2	0	0	0	0	0	0	0	2	0	0	0	0
Northampton 017	2	0	0	0	0	0	0	0	2	0	0	0	0
Northampton 019	3	0	0	0	0	0	0	0	3	0	0	0	0
Northampton 023	1	0	0	0	0	0	0	0	1	0	0	0	0
Northampton 026	1	0	0	0	0	0	0	0	1	0	0	0	0
Northampton 028	2	0	0	0	0	0	0	0	2	0	0	0	0
Northampton 029	6	0	0	0	0	0	0	0	5	1	0	0	0
Northampton 030	3	0	0	0	0	0	0	0	3	0	0	0	0
South Northamptonshire 001	8	0	0	0	0	0	0	0	5	2	0	1	0
South Northamptonshire 002	1	0	0	0	0	0	0	0	1	0	0	0	0

South Northamptonshire 003	9	0	0	0	1	0	0	8	0	0	0	0
South Northamptonshire 004	9	0	0	0	0	0	0	8	1	0	0	0
South Northamptonshire 005	6	0	0	0	0	0	0	5	1	0	0	0
South Northamptonshire 006	178	0	0	0	3	1	2	149	14	6	1	2
South Northamptonshire 007	34	0	0	0	0	0	0	33	1	0	0	0
South Northamptonshire 008	7	0	0	0	1	0	0	6	0	0	0	0
South Northamptonshire 009	72	0	0	0	1	0	0	66	3	0	2	0
South Northamptonshire 010	35	0	0	0	1	0	0	29	5	0	0	0
South Northamptonshire 011	83	0	0	0	0	0	2	74	4	2	1	0
Wellingborough 001	2	0	0	0	0	0	0	0	1	0	1	0
Wellingborough 005	2	0	0	0	0	0	0	1	1	0	0	0
Wellingborough 008	1	0	0	0	0	0	0	1	0	0	0	0
Wellingborough 009	1	0	0	0	0	0	0	1	0	0	0	0
Wellingborough 010	3	0	0	0	0	0	0	3	0	0	0	0
Broxtowe 007	1	0	0	0	0	0	0	1	0	0	0	0
Broxtowe 009	1	0	0	0	0	0	0	1	0	0	0	0
Mansfield 008	1	0	0	0	0	0	0	1	0	0	0	0
Newark and Sherwood 001	1	0	0	0	0	0	0	1	0	0	0	0
Rushcliffe 003	4	0	0	0	0	0	0	4	0	0	0	0
Rushcliffe 005	1	0	0	0	0	0	0	1	0	0	0	0
Rushcliffe 012	1	0	0	0	0	0	0	1	0	0	0	0
Cherwell 001	130	0	0	0	0	1	1	109	11	5	3	0
Cherwell 002	604	0	0	2	6	3	3	341	30	43	175	1
Cherwell 003	374	0	0	0	2	4	5	143	24	22	170	4
Cherwell 004	515	0	0	1	9	7	5	279	30	52	130	2

Cherwell 005	507	0	0	0	4	8	9	282	45	37	121	1
Cherwell 006	292	0	0	0	1	3	3	185	34	15	47	4
Cherwell 007	198	0	0	0	4	3	2	136	11	23	18	1
Cherwell 008	147	0	0	0	4	1	2	123	7	7	3	0
Cherwell 009	101	0	0	1	2	1	2	85	4	6	0	0
Cherwell 010	57	0	0	0	0	0	0	53	4	0	0	0
Cherwell 011	20	0	0	0	0	0	0	12	5	0	3	0
Cherwell 012	11	0	0	0	0	0	0	9	1	0	1	0
Cherwell 013	37	0	0	2	1	1	0	22	4	1	6	0
Cherwell 014	24	0	0	1	1	0	0	20	1	1	0	0
Cherwell 015	11	0	0	0	1	0	0	7	1	1	1	0
Cherwell 016	25	0	0	0	2	0	0	21	0	1	1	0
Cherwell 017	8	0	0	0	0	0	0	4	0	2	2	0
Cherwell 019	7	0	0	0	0	0	1	6	0	0	0	0
Oxford 001	2	0	0	0	0	0	0	1	0	1	0	0
Oxford 002	5	0	0	0	1	0	0	1	0	2	1	0
Oxford 003	5	0	0	0	0	0	0	1	0	2	2	0
Oxford 004	2	0	0	0	0	0	0	1	0	1	0	0
Oxford 005	2	0	0	0	0	0	1	1	0	0	0	0
Oxford 006	3	0	0	0	0	0	0	1	0	0	2	0
Oxford 007	2	0	0	0	0	0	0	1	0	0	1	0
Oxford 008	12	0	0	3	0	0	0	4	0	0	5	0
Oxford 009	7	0	0	0	0	0	0	1	0	1	5	0
Oxford 010	4	0	0	0	0	0	0	4	0	0	0	0
Oxford 011	2	0	0	0	0	0	0	0	0	2	0	0
Oxford 012	5	0	0	2	0	0	0	0	0	1	2	0
Oxford 013	6	0	0	1	0	0	0	1	0	4	0	0
Oxford 014	4	0	0	0	0	0	0	1	0	2	1	0
Oxford 016	6	0	0	0	1	0	0	4	0	1	0	0
Oxford 018	2	0	0	0	0	0	0	1	0	1	0	0
South Oxfordshire 001	1	0	0	0	0	0	0	1	0	0	0	0
South Oxfordshire 002	2	0	0	0	0	0	0	2	0	0	0	0
South Oxfordshire 003	1	0	0	0	0	0	0	1	0	0	0	0
South Oxfordshire 004	3	0	0	0	0	0	0	3	0	0	0	0
South Oxfordshire 007	4	0	0	0	0	0	0	4	0	0	0	0

South Oxfordshire 009	1	0	0	0	0	0	0	1	0	0	0	0
South Oxfordshire 012	1	0	0	0	0	0	0	1	0	0	0	0
South Oxfordshire 014	1	0	0	0	0	0	0	1	0	0	0	0
South Oxfordshire 015	1	0	0	0	0	0	1	0	0	0	0	0
Vale of White Horse 001	4	0	0	0	1	0	0	3	0	0	0	0
Vale of White Horse 002	5	0	0	0	1	0	0	0	0	3	1	0
Vale of White Horse 004	3	0	0	0	0	0	0	3	0	0	0	0
Vale of White Horse 005	2	0	0	0	1	0	0	1	0	0	0	0
Vale of White Horse 006	2	0	0	0	2	0	0	0	0	0	0	0
Vale of White Horse 007	2	0	0	0	0	0	0	2	0	0	0	0
Vale of White Horse 009	1	0	0	0	0	0	0	1	0	0	0	0
Vale of White Horse 010	2	0	0	0	0	0	0	1	0	0	1	0
Vale of White Horse 011	2	0	0	0	1	0	0	1	0	0	0	0
Vale of White Horse 015	3	0	0	0	1	0	0	2	0	0	0	0
West Oxfordshire 001	19	0	0	0	0	0	0	19	0	0	0	0
West Oxfordshire 002	17	0	0	0	0	0	0	17	0	0	0	0
West Oxfordshire 003	3	0	0	0	0	0	0	3	0	0	0	0
West Oxfordshire 004	4	0	0	0	0	0	0	4	0	0	0	0
West Oxfordshire 005	5	0	0	0	0	0	0	5	0	0	0	0
West Oxfordshire 007	4	0	0	0	1	0	0	3	0	0	0	0
West Oxfordshire 008	9	0	0	0	1	0	0	7	0	1	0	0



West Oxfordshire 009	3	0	0	0	0	0	0	0	3	0	0	0	0
West Oxfordshire 010	8	0	0	0	0	0	0	0	8	0	0	0	0
West Oxfordshire 011	2	0	0	0	1	0	0	0	1	0	0	0	0
West Oxfordshire 012	1	0	0	0	0	0	0	0	1	0	0	0	0
West Oxfordshire 013	2	0	0	0	0	0	0	0	2	0	0	0	0
West Oxfordshire 014	1	0	0	0	0	0	0	0	1	0	0	0	0
Shropshire 004	1	0	0	0	0	0	0	0	1	0	0	0	0
Taunton Deane 012	1	0	0	0	0	0	0	0	1	0	0	0	0
Newcastle-under-Lyme 003	1	0	0	0	0	0	0	0	1	0	0	0	0
Newcastle-under-Lyme 005	1	0	0	0	0	0	0	0	1	0	0	0	0
Newcastle-under-Lyme 006	2	0	0	0	0	1	0	0	1	0	0	0	0
Newcastle-under-Lyme 010	1	0	0	0	0	0	0	0	1	0	0	0	0
Newcastle-under-Lyme 014	1	0	0	0	0	0	0	0	1	0	0	0	0
Stafford 001	1	0	0	0	0	0	0	0	1	0	0	0	0
Stafford 003	1	0	0	0	0	0	0	0	1	0	0	0	0
Staffordshire Moorlands 003	1	0	0	0	0	0	0	0	1	0	0	0	0
Tamworth 001	1	0	0	0	0	0	0	0	1	0	0	0	0
Tamworth 002	1	0	0	0	0	0	0	0	0	1	0	0	0
Tamworth 005	1	0	0	0	0	0	0	0	1	0	0	0	0
Tamworth 006	1	0	0	0	0	0	0	0	1	0	0	0	0
Tamworth 009	1	0	0	0	0	0	0	0	1	0	0	0	0
Tamworth 010	1	0	0	0	0	0	0	0	1	0	0	0	0
Mid Suffolk 010	1	0	0	0	0	0	0	0	1	0	0	0	0
Mole Valley 013	1	0	0	0	0	0	0	0	1	0	0	0	0
Spelthorne 009	1	0	0	0	0	0	0	0	1	0	0	0	0
Spelthorne 012	1	0	0	0	0	0	0	0	1	0	0	0	0
Spelthorne 013	1	0	0	0	0	0	0	0	1	0	0	0	0
North Warwickshire 002	1	0	0	0	0	0	0	0	1	0	0	0	0

North Warwicks hire 003	1	0	0	0	0	1	0	0	0	0	0	0
North Warwicks hire 005	2	0	0	0	1	0	0	1	0	0	0	0
North Warwicks hire 007	1	0	0	0	0	0	0	1	0	0	0	0
Nuneaton and Bedworth 002	1	0	0	0	0	0	0	1	0	0	0	0
Nuneaton and Bedworth 003	3	0	0	0	0	0	0	3	0	0	0	0
Nuneaton and Bedworth 004	1	0	0	0	0	0	0	1	0	0	0	0
Nuneaton and Bedworth 006	1	0	0	0	0	0	0	1	0	0	0	0
Nuneaton and Bedworth 007	1	0	0	0	0	0	0	1	0	0	0	0
Nuneaton and Bedworth 008	1	0	0	0	0	0	0	1	0	0	0	0
Nuneaton and Bedworth 011	2	0	0	0	0	0	0	2	0	0	0	0
Nuneaton and Bedworth 015	2	0	0	0	0	0	0	2	0	0	0	0
Rugby 001	2	0	0	0	0	0	0	2	0	0	0	0
Rugby 002	1	0	0	0	0	0	0	1	0	0	0	0
Rugby 004	2	0	0	0	0	0	0	2	0	0	0	0
Rugby 006	4	0	0	0	0	0	0	3	1	0	0	0
Rugby 007	3	0	0	0	0	0	0	3	0	0	0	0
Rugby 008	1	0	0	0	0	0	0	1	0	0	0	0
Rugby 010	2	0	0	0	0	0	0	2	0	0	0	0
Rugby 011	4	0	0	0	0	0	0	4	0	0	0	0
Rugby 012	3	0	0	0	0	0	0	3	0	0	0	0
Stratford- on-Avon 002	5	0	0	0	0	0	0	4	0	0	0	1
Stratford- on-Avon 003	1	0	0	0	0	0	0	1	0	0	0	0
Stratford- on-Avon 004	22	0	0	1	0	0	0	20	1	0	0	0
Stratford- on-Avon 005	24	0	0	0	0	0	0	22	2	0	0	0
Stratford- on-Avon 006	2	0	0	0	0	0	0	2	0	0	0	0

Stratford-on-Avon 007	1	0	0	0	0	0	0	0	1	0	0	0	0
Stratford-on-Avon 008	12	0	0	0	0	0	0	0	12	0	0	0	0
Stratford-on-Avon 009	6	0	0	0	0	0	0	0	5	0	0	1	0
Stratford-on-Avon 010	5	0	0	0	0	0	0	0	5	0	0	0	0
Stratford-on-Avon 011	7	0	0	0	1	0	0	0	5	1	0	0	0
Stratford-on-Avon 012	2	0	0	0	0	0	0	0	2	0	0	0	0
Stratford-on-Avon 013	42	0	0	0	0	1	1	0	38	1	1	0	0
Stratford-on-Avon 014	1	0	0	0	0	0	0	0	1	0	0	0	0
Stratford-on-Avon 015	23	0	0	0	0	0	0	0	22	1	0	0	0
Warwick 001	2	0	0	0	0	0	0	0	2	0	0	0	0
Warwick 002	3	0	0	0	0	0	0	0	3	0	0	0	0
Warwick 003	5	0	0	0	0	0	1	0	4	0	0	0	0
Warwick 004	2	0	0	0	0	0	0	0	2	0	0	0	0
Warwick 005	7	0	0	0	0	0	0	0	7	0	0	0	0
Warwick 006	1	0	0	0	0	0	0	0	0	1	0	0	0
Warwick 007	1	0	0	0	0	0	0	0	1	0	0	0	0
Warwick 008	5	0	0	0	0	0	0	0	4	1	0	0	0
Warwick 009	4	0	0	0	0	0	0	0	4	0	0	0	0
Warwick 010	9	0	0	1	0	0	0	0	8	0	0	0	0
Warwick 011	8	0	0	0	0	0	0	0	8	0	0	0	0
Warwick 012	11	0	0	0	0	0	0	0	11	0	0	0	0
Warwick 013	2	0	0	1	0	0	0	0	1	0	0	0	0
Warwick 014	6	0	0	0	0	0	0	0	6	0	0	0	0
Warwick 015	10	0	0	0	0	0	0	0	9	0	1	0	0
Worthing 005	1	0	0	0	0	0	0	0	1	0	0	0	0
Bromsgrove 006	1	0	0	0	0	0	0	0	1	0	0	0	0
Bromsgrove 007	1	0	0	0	0	0	0	0	1	0	0	0	0
Bromsgrove 009	1	0	0	0	0	0	0	0	1	0	0	0	0
Malvern Hills 009	1	0	0	0	0	0	0	0	1	0	0	0	0
Redditch 001	1	0	0	0	0	0	0	0	1	0	0	0	0
Redditch 002	2	0	0	0	1	0	0	0	1	0	0	0	0
Redditch 003	1	0	0	0	0	0	0	0	1	0	0	0	0
Redditch 005	1	0	0	0	0	0	0	0	1	0	0	0	0

Redditch 006	2	0	0	0	0	0	0	0	2	0	0	0	0
Redditch 010	1	0	0	0	0	0	0	0	1	0	0	0	0
Wychavon 004	1	0	0	0	0	0	0	0	1	0	0	0	0
Wychavon 007	1	0	0	0	0	0	0	0	0	1	0	0	0
Wychavon 014	1	0	0	0	0	0	0	0	1	0	0	0	0
Wychavon 015	1	0	0	0	0	0	0	1	0	0	0	0	0
Wychavon 016	1	0	0	0	0	0	0	0	1	0	0	0	0
Wyre Forest 008	3	0	0	0	0	0	0	1	2	0	0	0	0
Wyre Forest 009	2	0	0	0	0	0	0	0	2	0	0	0	0
Wyre Forest 013	1	0	0	0	0	0	0	0	1	0	0	0	0
Coventry 043	1	0	0	0	0	0	0	0	1	0	0	0	0
Nuneaton and Bedworth 018	1	0	0	0	0	0	0	0	1	0	0	0	0
Birmingham 132	1	0	0	0	0	0	0	0	1	0	0	0	0
Birmingham 133	1	0	0	0	0	0	0	0	1	0	0	0	0
Erewash 016	1	0	0	0	0	0	0	0	1	0	0	0	0
Swindon 026	2	0	0	0	0	0	0	0	2	0	0	0	0
Redcar and Cleveland 022	1	0	0	0	0	0	0	0	1	0	0	0	0
South Derbyshire 013	2	0	0	0	0	0	0	0	2	0	0	0	0
Flintshire 012	1	0	0	0	0	0	0	0	1	0	0	0	0
Powys 005	1	0	0	0	0	0	0	0	1	0	0	0	0
Swansea 002	1	0	0	0	0	0	0	0	1	0	0	0	0
Swansea 009	1	0	0	0	0	0	0	0	1	0	0	0	0
Swansea 022	1	0	0	0	0	0	0	0	1	0	0	0	0
Bridgend 017	1	0	0	0	0	0	0	0	1	0	0	0	0
Caerphilly 022	1	0	0	0	0	0	0	0	1	0	0	0	0
Blaenau Gwent 009	1	0	0	0	0	0	0	0	1	0	0	0	0
Torfaen 010	2	0	0	0	0	0	0	0	2	0	0	0	0
Monmouthshire 009	1	0	0	0	0	0	0	0	1	0	0	0	0
Monmouthshire 010	1	0	0	0	0	0	0	0	1	0	0	0	0
Cardiff 034	1	0	0	0	0	0	0	0	1	0	0	0	0

## Appendix H

**2017 Base**

**AM Peak**

	Southam Road S	Site Access	Southam Road N
Southam Road S			374
Site Access			
Southam Road N	337		

**PM Peak**

	Southam Road S	Site Access	Southam Road N
Southam Road S			356
Site Access			
Southam Road N	404		

**Development**

**AM Peak**

	Southam Road S	Site Access	Southam Road N
Southam Road S		28	
Site Access	9		11
Southam Road N		20	

**PM Peak**

	Southam Road S	Site Access	Southam Road N
Southam Road S		9	
Site Access	18		25
Southam Road N		8	

**AM Peak HGVs**

	Southam Road S	Site Access	Southam Road N
Southam Road S			13
Site Access			
Southam Road N	12		

**PM Peak HGVs**

	Southam Road S	Site Access	Southam Road N
Southam Road S			9
Site Access			
Southam Road N	5		

Tempro - 2023	AM	PM
Urban Principal	1.1258	1.1242
Urban Minor	1.1276	1.126

**2017 AM Peak PCUs**

	Southam Road S	Site Access	Southam Road N
Southam Road S	0	0	400
Site Access	0	0	0
Southam Road N	361	0	0

**2017 PM Peak PCUs**

	Southam Road S	Site Access	Southam Road N
Southam Road S	0	0	374
Site Access	0	0	0
Southam Road N	414	0	0

**2017 AM Peak PCUs + Dev**

	Southam Road S	Site Access	Southam Road N
Southam Road S	0	28	400
Site Access	9	0	11
Southam Road N	361	20	0

**2017 PM Peak PCUs + Dev**

	Southam Road S	Site Access	Southam Road N
Southam Road S	0	9	374
Site Access	18	0	25
Southam Road N	414	8	0

**2023 AM Peak PCUs**

	Southam Road S	Site Access	Southam Road N
Southam Road S	0	0	450
Site Access	0	0	0
Southam Road N	406	0	0

**2023 PM Peak PCUs**

	Southam Road S	Site Access	Southam Road N
Southam Road S	0	0	420
Site Access	0	0	0
Southam Road N	465	0	0

**2023 AM Peak PCUs + Dev**

	Southam Road S	Site Access	Southam Road N
Southam Road S	0	28	450
Site Access	9	0	11
Southam Road N	406	20	0

**2023 PM Peak PCUs + Dev**

	Southam Road S	Site Access	Southam Road N
Southam Road S	0	9	420
Site Access	18	0	25
Southam Road N	465	8	0

## Appendix I

Junctions 9
PICADY 9 - Priority Intersection Module
Version: 9.0.1.4646 [] © Copyright TRL Limited, 2017
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Filename: 19519 - Site Access.j9  
 Path: P:\19000's\19519\19519 - Site Access\_Junctions 9 Report  
 Report generation date: 22/12/2017 09:59:59

- »2017 + Dev, AM
- »2017 + Dev, PM
- »2023 + Dev, AM
- »2023 + Dev, PM

**Summary of junction performance**

	AM				PM			
	Q (PCU)	Delay (s)	RFC	Res Cap	Q (PCU)	Delay (s)	RFC	Res Cap
2017 + Dev								
Stream B-AC	0.1	10.12	0.06	148 %	0.1	10.54	0.12	128 %
Stream C-AB	0.1	4.74	0.05	[Stream B-AC]	0.0	4.47	0.02	[Stream B-AC]
2023 + Dev								
Stream B-AC	0.1	10.59	0.06	124 %	0.1	11.03	0.13	109 %
Stream C-AB	0.1	4.66	0.05	[Stream B-AC]	0.0	4.37	0.02	[Stream B-AC]

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

*Values shown are the highest values encountered over all time segments. Delay is the maximum value of Av. delay per arriving vehicle. Res Cap indicates the amount by which network flow could be increased before a user-definable threshold (see Analysis Options) is met.*

**File summary**

**File Description**

Title	(untitled)
Location	
Site number	
Date	19/12/2017
Version	
Status	(new file)
Identifier	
Client	
Jobnumber	
Enumerator	DTA\arcady
Description	

**Units**

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



### Analysis Options

Vehicle length (m)	Calculate Q Percentiles	Calculate detailed queueing delay	Calculate residual capacity	Residual capacity criteria type	RFC Threshold	Av. Delay threshold (s)	Q threshold (PCU)
5.75			✓	Delay	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	2017 + Dev	AM	ONE HOUR	07:45	09:15	15	✓
D2	2017 + Dev	PM	ONE HOUR	16:45	18:15	15	✓
D3	2023 + Dev	AM	ONE HOUR	07:45	09:15	15	✓
D4	2023 + Dev	PM	ONE HOUR	16:45	18:15	15	✓

### Analysis Set Details

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

# 2017 + Dev, AM

## Data Errors and Warnings

Severity	Area	Item	Description
Warning	Vehicle Mix		HV% is zero for all movements / time segments. Vehicle Mix matrix should be completed whether working in PCUs or Vehs.

## Junction Network

### Junctions

Junction	Name	Junction Type	Major road direction	Junction Delay (s)	Junction LOS
1	untitled	T-Junction	Two-way	0.44	A

### Junction Network Options

Driving side	Lighting	Res Cap (%)	First arm reaching threshold
Left	Normal/unknown	148	Stream B-AC

## Arms

### Arms

Arm	Name	Description	Arm type
A	Southam Road S		Major
B	Site Access		Minor
C	Southam Road N		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			185.0	✓	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	2.20	0	0

## 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	440	0.075	0.190	0.120	0.271
1	B-C	574	0.083	0.209	-	-
1	C-B	681	0.248	0.248	-	-

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	2017 + Dev	AM	ONE HOUR	07:45	09:15	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	Av. Demand (PCU/hr)	Scaling Factor (%)
A		ONE HOUR	✓	428	100.000
B		ONE HOUR	✓	20	100.000
C		ONE HOUR	✓	381	100.000

## Origin-Destination Data

### Demand (PCU/hr)

	To			
	A	B	C	
From	A	0	28	400
	B	9	0	11
	C	361	20	0

## Vehicle Mix

### HV %s

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

## Results

### Results Summary for whole modelled period

Stream	Max RFC	Max delay (s)	Max Q (PCU)	Max LOS	Av. Demand (PCU/hr)	Total Junction Arrivals (PCU)
B-AC	0.06	10.12	0.1	B	18	28
C-AB	0.05	4.74	0.1	A	32	48
C-A					318	477
A-B					26	39
A-C					367	551

### Main Results for each time segment

#### 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)	LOS
B-AC	15	4	419	0.036	15	0.0	0.0	8.909	A
C-AB	23	6	782	0.030	23	0.0	0.0	4.741	A
C-A	264	66			264				
A-B	21	5			21				
A-C	301	75			301				

**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)	LOS
B-AC	18	4	402	0.045	18	0.0	0.0	9.378	A
C-AB	30	8	805	0.038	30	0.0	0.1	4.647	A
C-A	312	78			312				
A-B	25	6			25				
A-C	360	90			360				

**08:15 - 08:30**

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-AC	22	6	378	0.058	22	0.0	0.1	10.116	B
C-AB	42	11	837	0.050	42	0.1	0.1	4.526	A
C-A	377	94			377				
A-B	31	8			31				
A-C	440	110			440				

**08:30 - 08:45**

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-AC	22	6	378	0.058	22	0.1	0.1	10.119	B
C-AB	42	11	837	0.050	42	0.1	0.1	4.527	A
C-A	377	94			377				
A-B	31	8			31				
A-C	440	110			440				

**08:45 - 09:00**

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-AC	18	4	402	0.045	18	0.1	0.0	9.385	A
C-AB	30	8	805	0.038	30	0.1	0.1	4.651	A
C-A	312	78			312				
A-B	25	6			25				
A-C	360	90			360				

**09:00 - 09:15**

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-AC	15	4	419	0.036	15	0.0	0.0	8.916	A
C-AB	23	6	782	0.030	23	0.1	0.0	4.744	A
C-A	264	66			264				
A-B	21	5			21				
A-C	301	75			301				

# 2017 + Dev, PM

## Data Errors and Warnings

Severity	Area	Item	Description
Warning	Vehicle Mix		HV% is zero for all movements / time segments. Vehicle Mix matrix should be completed whether working in PCUs or Vehs.

## Junction Network

### Junctions

Junction	Name	Junction Type	Major road direction	Junction Delay (s)	Junction LOS
1	untitled	T-Junction	Two-way	0.61	A

### Junction Network Options

Driving side	Lighting	Res Cap (%)	First arm reaching threshold
Left	Normal/unknown	128	Stream B-AC

## 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	2017 + Dev	PM	ONE HOUR	16:45	18:15	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	Av. Demand (PCU/hr)	Scaling Factor (%)
A		ONE HOUR	✓	383	100.000
B		ONE HOUR	✓	43	100.000
C		ONE HOUR	✓	422	100.000

## Origin-Destination Data

### Demand (PCU/hr)

		To		
		A	B	C
From	A	0	9	374
	B	18	0	25
	C	414	8	0

## Vehicle Mix

### HV %s

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

## Results

### Results Summary for whole modelled period

Stream	Max RFC	Max delay (s)	Max Q (PCU)	Max LOS	Av. Demand (PCU/hr)	Total Junction Arrivals (PCU)
B-AC	0.12	10.54	0.1	B	39	59
C-AB	0.02	4.47	0.0	A	14	20
C-A					374	560
A-B					8	12
A-C					343	515

### Main Results for each time segment

#### 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)	LOS
B-AC	32	8	428	0.076	32	0.0	0.1	9.088	A
C-AB	10	2	816	0.012	10	0.0	0.0	4.466	A
C-A	308	77			308				
A-B	7	2			7				
A-C	282	70			282				

#### 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)	LOS
B-AC	39	10	412	0.094	39	0.1	0.1	9.648	A
C-AB	13	3	845	0.015	13	0.0	0.0	4.327	A
C-A	366	92			366				
A-B	8	2			8				
A-C	336	84			336				

#### 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)	LOS
B-AC	47	12	389	0.122	47	0.1	0.1	10.533	B
C-AB	18	5	886	0.021	18	0.0	0.0	4.145	A
C-A	446	112			446				
A-B	10	2			10				
A-C	412	103			412				

#### 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)	LOS
B-AC	47	12	389	0.122	47	0.1	0.1	10.542	B
C-AB	18	5	886	0.021	18	0.0	0.0	4.146	A
C-A	446	112			446				
A-B	10	2			10				
A-C	412	103			412				

**17:45 - 18:00**

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-AC	39	10	412	0.094	39	0.1	0.1	9.659	A
C-AB	13	3	845	0.015	13	0.0	0.0	4.327	A
C-A	366	92			366				
A-B	8	2			8				
A-C	336	84			336				

**18:00 - 18:15**

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-AC	32	8	428	0.076	32	0.1	0.1	9.107	A
C-AB	10	2	816	0.012	10	0.0	0.0	4.466	A
C-A	308	77			308				
A-B	7	2			7				
A-C	282	70			282				

# 2023 + Dev, AM

## Data Errors and Warnings

Severity	Area	Item	Description
Warning	Vehicle Mix		HV% is zero for all movements / time segments. Vehicle Mix matrix should be completed whether working in PCUs or Vehs.

## Junction Network

### Junctions

Junction	Name	Junction Type	Major road direction	Junction Delay (s)	Junction LOS
1	untitled	T-Junction	Two-way	0.42	A

### Junction Network Options

Driving side	Lighting	Res Cap (%)	First arm reaching threshold
Left	Normal/unknown	124	Stream B-AC

## 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	2023 + Dev	AM	ONE HOUR	07:45	09:15	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	Av. Demand (PCU/hr)	Scaling Factor (%)
A		ONE HOUR	✓	478	100.000
B		ONE HOUR	✓	20	100.000
C		ONE HOUR	✓	426	100.000

## Origin-Destination Data

### Demand (PCU/hr)

		To		
		A	B	C
From	A	0	28	450
	B	9	0	11
	C	406	20	0

## Vehicle Mix

### HV %s

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



## Results

### Results Summary for whole modelled period

Stream	Max RFC	Max delay (s)	Max Q (PCU)	Max LOS	Av. Demand (PCU/hr)	Total Junction Arrivals (PCU)
B-AC	0.06	10.59	0.1	B	18	28
C-AB	0.05	4.66	0.1	A	34	51
C-A					357	535
A-B					26	39
A-C					413	619

### Main Results for each time segment

#### 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)	LOS
B-AC	15	4	408	0.037	15	0.0	0.0	9.147	A
C-AB	24	6	797	0.031	24	0.0	0.0	4.658	A
C-A	296	74			296				
A-B	21	5			21				
A-C	339	85			339				

#### 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)	LOS
B-AC	18	4	389	0.046	18	0.0	0.0	9.696	A
C-AB	32	8	823	0.039	32	0.0	0.1	4.552	A
C-A	351	88			351				
A-B	25	6			25				
A-C	405	101			405				

#### 08:15 - 08:30

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-AC	22	6	362	0.061	22	0.0	0.1	10.585	B
C-AB	46	11	861	0.053	46	0.1	0.1	4.416	A
C-A	423	106			423				
A-B	31	8			31				
A-C	495	124			495				

#### 08:30 - 08:45

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-AC	22	6	362	0.061	22	0.1	0.1	10.586	B
C-AB	46	11	861	0.053	46	0.1	0.1	4.419	A
C-A	423	106			423				
A-B	31	8			31				
A-C	495	124			495				

**08:45 - 09:00**

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-AC	18	4	389	0.046	18	0.1	0.0	9.701	A
C-AB	32	8	823	0.039	33	0.1	0.1	4.555	A
C-A	351	88			351				
A-B	25	6			25				
A-C	405	101			405				

**09:00 - 09:15**

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-AC	15	4	408	0.037	15	0.0	0.0	9.154	A
C-AB	25	6	797	0.031	25	0.1	0.0	4.660	A
C-A	296	74			296				
A-B	21	5			21				
A-C	339	85			339				

# 2023 + Dev, PM

## Data Errors and Warnings

Severity	Area	Item	Description
Warning	Vehicle Mix		HV% is zero for all movements / time segments. Vehicle Mix matrix should be completed whether working in PCUs or Vehs.

## Junction Network

### Junctions

Junction	Name	Junction Type	Major road direction	Junction Delay (s)	Junction LOS
1	untitled	T-Junction	Two-way	0.58	A

### Junction Network Options

Driving side	Lighting	Res Cap (%)	First arm reaching threshold
Left	Normal/unknown	109	Stream B-AC

## 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	2023 + Dev	PM	ONE HOUR	16:45	18:15	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	Av. Demand (PCU/hr)	Scaling Factor (%)
A		ONE HOUR	✓	429	100.000
B		ONE HOUR	✓	43	100.000
C		ONE HOUR	✓	473	100.000

## Origin-Destination Data

### Demand (PCU/hr)

		To		
		A	B	C
From	A	0	9	420
	B	18	0	25
	C	465	8	0

## Vehicle Mix

### HV %s

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

## Results

### Results Summary for whole modelled period

Stream	Max RFC	Max delay (s)	Max Q (PCU)	Max LOS	Av. Demand (PCU/hr)	Total Junction Arrivals (PCU)
B-AC	0.13	11.03	0.1	B	39	59
C-AB	0.02	4.37	0.0	A	15	22
C-A					419	629
A-B					8	12
A-C					385	578

### Main Results for each time segment

#### 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)	LOS
B-AC	32	8	418	0.077	32	0.0	0.1	9.325	A
C-AB	10	3	834	0.012	10	0.0	0.0	4.369	A
C-A	346	86			346				
A-B	7	2			7				
A-C	316	79			316				

#### 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)	LOS
B-AC	39	10	399	0.097	39	0.1	0.1	9.974	A
C-AB	14	3	868	0.016	14	0.0	0.0	4.216	A
C-A	411	103			411				
A-B	8	2			8				
A-C	378	94			378				

#### 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)	LOS
B-AC	47	12	374	0.127	47	0.1	0.1	11.025	B
C-AB	20	5	916	0.022	20	0.0	0.0	4.019	A
C-A	501	125			501				
A-B	10	2			10				
A-C	462	116			462				

#### 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)	LOS
B-AC	47	12	374	0.127	47	0.1	0.1	11.034	B
C-AB	20	5	916	0.022	20	0.0	0.0	4.021	A
C-A	501	125			501				
A-B	10	2			10				
A-C	462	116			462				

**17:45 - 18:00**

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-AC	39	10	399	0.097	39	0.1	0.1	9.986	A
C-AB	14	3	868	0.016	14	0.0	0.0	4.218	A
C-A	411	103			411				
A-B	8	2			8				
A-C	378	94			378				

**18:00 - 18:15**

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-AC	32	8	418	0.077	32	0.1	0.1	9.347	A
C-AB	10	3	834	0.012	10	0.0	0.0	4.369	A
C-A	346	86			346				
A-B	7	2			7				
A-C	316	79			316				



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