

Manorwood Homes

Lince Lane,
Kirtlington

Project Reference: 2207-015/TN/03

Sandford Gate
East Point Business Park
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Technical Note

1 Introduction

- 1.1 Transport Planning Associates (TPA) has been commissioned by Manorwood Homes to provide transport and highways advice and input in respect of a proposed residential development on land to the north of Lince Lane, Kirtlington.
- 1.2 After the submission of a planning application¹ for 15 residential dwellings at the above site, Oxfordshire County Council (OCC), as the Local Highway Authority, provided their formal consultation response dated 3rd October 2023 which objected to the proposals.
- 1.3 Following the OCC consultation response, further discussions regarding the concerns raised have been undertaken between TPA, OCC and Manorwood Homes. Based on these discussions, the site access proposals have been updated and a Stage 1 Road Safety Audit (RSA) has been commissioned.
- 1.4 The proposed site access changes and the Stage 1 RSA will be addressed within the remainder of this Technical Note.

2 Proposed Site Access Changes

- 2.1 To support the site access, it is proposed to relocate the existing speed limit change (20mph to 50mph), situated directly south of the site access priority junction, approximately 72m to the south of the site access priority junction, as outlined in **TPA Drawing 2207-015 PL04** which is contained in **Appendix A**.

¹ Planning Application Reference: 23/02338/OUT

- 2.2 The relocation of the speed limit change will ensure that the achievable visibility splays at the proposed site access priority junction are in excess of those required for a 20mph road and for the observed vehicle speeds.
- 2.3 As demonstrated in **TPA Drawing 2207-015 PL04**, as part of the relocated speed limit change, it is proposed to reduce the speed limit to the south of the speed limit change on Lince Lane (A4095) from 50mph to 40mph, as requested by OCC. The reduction in speed limit from 50mph to 40mph would further reduce the speed of vehicles approaching the village and the proposed site access from the south.
- 2.4 The 50mph to 40mph speed limit change would need to be introduced approximately 600m to the south of the relocated 40mph to 20mph speed limit change. The exact position of the 50mph to 40mph speed limit change would be agreed upon at the Section 278 / Detailed Design stage. However, a minimum distance of 600m is required between speed limit changes as set out in the Department for Transport Circular 01/2013.
- 2.5 In addition to the above, there is the potential to relocate the village gateway to a position within the vicinity of the proposed speed limit change (approximately 72m to the south of the site access priority junction). The position and design of any relocated village gateway would be agreed upon at the Section 278 / Detailed Design stage.
- 2.6 The introduction of a Vehicle Activated Sign (VAS), an example of which is outlined in **Figure 1**, on the approach to the site access priority junction will also be considered as part of the Section 278.

Figure 1 Example of Vehicle Activated Sign



- 2.7 VAS are electronic signs which ‘flash’ to warn drivers of either the speed limit or an approaching hazard such as a junction, crossroads or sharp bend. VAS are generally activated at a pre-set speed, with the sign only triggered by vehicles travelling above the prescribed limit². Should a VAS be provided, then its position and design would be agreed upon at the Section 278 / Detailed Design stage.

3 Road Safety Audit

- 3.1 An independent Stage 1 RSA, completed in accordance with GG119, was commissioned on the site access layout (TPA drawing 2207-015 PL01(D) – Proposed Site Access) in October 2023. The Stage 1 RSA along with the Designer’s Response Report are contained in **Appendix B**.

- 3.2 The RSA identified a single problem which was to ensure the:

“Provision of adequate forward visibility of opposing vehicles for motorists waiting to turn right into access.”

- 3.3 As set out in the Designer’s Response Report (**Appendix B**) appropriate forward visibility for drivers waiting to turn right into the site can be provided with drivers being able to see approaching vehicles at a distance of 56m.
- 3.4 The provision of 56m visibility splays is suitable for vehicle speeds of up to 37mph when using Manual for Streets³ and is considered to be appropriate given that the observed 85th percentile northbound vehicle speeds were 33mph. Therefore, the provision of a 56m forward visibility splay is in excess of those required for the observed vehicle speeds.
- 3.5 Notwithstanding the above, the proposed relocation and speed limit changes outlined in **Chapter 2** will ensure that the forward visibility splay for right-turning vehicles is located wholly within the 20mph speed limit, reducing the required forward visibility to 25m.
- 3.6 Further information in relation to the forward visibility splays is available within the attached Designer’s Response Report (**Appendix B**).

² <https://www.oxfordshire.gov.uk/residents/roads-and-transport/traffic/speed-limits-and-road-signs#:~:text=Vehicle%20activated%20signs,-Vehicle%20Activated%20Signs&text=The%20signs%20are%20usually%20activated,fast%20for%20the%20road%20conditions.>

³ Table 7.1 - SSD. Manual for Streets. DfT

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Document Review

	Status	Author	Checker	Approver	Date
03	Draft	TW	DEF	DEF	18 10 23
-	Issue	TW	DEF	DEF	23 10 23

APPENDIX A

A3

ORIGINAL
PLOT SIZE

Corner Farm

Proposed site access.

Existing speed limit change
relocated approximately 72m
to the south of the proposed
site access priority junction.

Potential to relocate village
gateway. Position and design to
be agreed at S278 / Detailed
Design Stage.

Proposed position of relocated
speed limit change. Speed limit
to south of site reduced from
50mph to 40mph.

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NOTES:

1. Based on OS Mapping data.
2. Subject to conformation of Highway Boundary.
3. Indicative Highway Boundary extents shown. Based on Nimbus Maps® data (Available at: <https://app.nimbusmaps.co.uk/Lookup>).
4. Subject to detailed design.
5. Signage provided in accordance with Traffic Signs Manual.

Key

- Proposed Kerb Line.
- Proposed Footway.
- Proposed Road Sign.
- Existing Speed Limit Change.
- Proposed Speed Limit Change.
- Edge of Highway Boundary.
- Existing Highway.
- Proposed Highway.
- Existing Footway.
- Proposed Footway.
- Verge.

Rev	Date	Details	Drawn by	Checked by	Approved by

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CLIENT:
Manorwood Homes

PROJECT:
**Lince Lane,
Kirtlington**

TITLE:
**Site Access -
Proposed Gateway Feature
and Speed Limit Changes**

STATUS:
FOR PLANNING

SCALE: 1:500	DATE: 17.10.23	DRAWN: TW	CHECKED: DF	APPROVED: DF
JOB NO: 2207-015	DRAWING NO: PL04	REVISION: -		



INDICATIVE

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APPENDIX B

Manorwood Homes

Lince Lane,
Kirtlington

Project Reference: 2205-071/TN/04

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Designers Response

1 Introduction

- 1.1 Transport Planning Associated (TPA) has been commissioned by Manorwood Homes to provide transport and highways advice and input in respect of a proposed residential development to the north of Lince Lane in Kirtlington, Oxfordshire.
- 1.2 As part of the design process and at the request of Oxfordshire County Council, a Stage 1 Road Safety Audit (RSA) was commissioned at the location of the proposed site access priority junction on Lince Lane. The RSA was undertaken in October 2023 and was based on the information outlined below:
- TPA Drawing No. 2207-015 PL01(D) – Proposed Site Access;
 - TPA Drawing No. 2207-015 SP01(B) – Swept Path Analysis of a Large Car;
 - TPA Drawing No. 2207-015 SP02(A) – Swept Path of a Refuse Vehicle;
 - TPA Drawing No. 2207-015 VS01(B) – Proposed Site Access Visibility Splays;
 - TPA Drawing No. 2207-015 VS02 – Vertical Visibility Splays; and,
 - Traffic speed and volume survey data.
- 1.3 The RSA Audit Report is reproduced in **Appendix A**

2 Road Safety Audit Comments

2.1 Within the RSA a single problem was identified.

Problem 1

“Location: Proposed Vehicular Access

Summary: Provision of adequate forward visibility of opposing vehicles for motorists waiting to turn right into access.

Description: The drawings identify a number of sightlines, including visibility splays at the proposed access, and forward visibility as illustrated above. In addition to these sightlines, it will be important that motorists waiting to make a right turn into the site have sufficient forward visibility of any opposing vehicles approaching along Lince Lane. It was noted during the site visit that visibility will be restricted to some degree by the road alignment and trees/vegetation. If available visibility is inadequate, this could lead to a heightened risk of associated conflict/side impact collisions.

Recommendation: It is recommended that motorists waiting to turn right into the site are provided with adequate forward visibility of opposing vehicle based on likely approach speeds.”

2.2 Response: Agreed, appropriate forward visibility for drivers waiting to turn right into the site can be provided as demonstrated in **TPA drawing 2207-015 VS03**, which is reproduced in **Appendix B**.

2.3 As illustrated in **TPA drawing 2207-015 VS03**, any vehicles waiting to turn right into the site have adequate forward visibility, with drivers being able to see approaching vehicles at a distance of 56m, with this measured along the centreline of the carriageway on Lince Lane. The provision of 56m visibility splays is suitable for vehicle speeds of up to 37mph when using Manual for Streets¹.

2.4 The observed 85th percentile northbound vehicle speeds for both the five and seven day average traffic flows, recorded during the Automatic Traffic Count (undertaken in January 2023), were 33mph. As such, the provision of 56m is in excess of those required and therefore drivers turning right into the site are provided with adequate forward visibility of opposing vehicles.

2.5 The forward visibility splay for right-turning vehicles is within the highway boundary and therefore any vegetation within the visibility splay would be maintained at a height below 0.6m. It is noted that the highway boundary on the inside of the bend forms part of the existing 50mph forward visibility splays for vehicles

¹ Table 7.1 - SSD. Manual for Streets. DfT

travelling southbound on Lince Lane, as outlined in **TPA drawing 2207-015 VS04** which is reproduced in **Appendix B**, and therefore vegetation within the verge should already be maintained. While the forward visibility splay for right-turning vehicles is outside the visibility envelope for the 20mph speed limit, it would have been within the forward visibility envelope for the previous 30mph speed limit, and still remains within the highway boundary.

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Document Review

	Status	Author	Checker	Approver	Date
04	Draft	LR	TW	DEF	20 10 23
-	Issue	LR	TW	DEF	23 10 23

APPENDIX A

**Development off Lince Lane,
Kirtlington, Oxfordshire**

Proposed Highway Access Arrangement

Stage 1 Road Safety Audit

October 2023

**Alpha Consultants
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Bedfordshire
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**info@alpha-consultants.co.uk
www.alpha-consultants.co.uk**



Table of Contents

1. Introduction
2. Items raised at this Road Safety Audit
3. Audit Team Statement

Appendices

- A. Problem Location Plan

Project / Document Details	
Date:	18/10/2023
Document reference and revision:	AC/TPA/1810231
Prepared by:	Alpha Highway Consultants Limited
Client:	Manorwood Homes
Design Organisation:	Transport Planning Associates Limited
Overseeing Organisation:	Oxfordshire County Council

1. Introduction

- 1.1 This report results from a Stage 1 Road Safety Audit carried out during October 2023 at the request of the design organisation, Transport Planning Associates Limited, Sandford Gate, East Point Business Park, Oxford OX4 6LB.
- 1.2 The Audit relates to proposed highway access arrangements associated with development on land off Lince Lane, Kirtlington, Oxfordshire.
- 1.3 The Audit Team membership was as follows:
- | | |
|------------------------------|-------------------|
| J Bown (Audit Team Leader) | Alpha Consultants |
| B Newiss (Audit Team Member) | Alpha Consultants |
- 1.4 The Audit took place at the offices of Alpha Consultants during October 2023 and included an examination of the following documents:
- Drawing No. 2207-015 PL01 D
 - Drawing No. 2207-015 SP01 B
 - Drawing No. 2207-015 SP02 A
 - Drawing No. 2207-015 VS01 B
 - Drawing No. 2207-015 VS02
 - Traffic speed and volume survey data
- 1.5 The Audit Team visited the site together on the afternoon of 16 October 2023. During the site visit the weather was overcast and dry. The surfaces were also dry.
- 1.6 The terms of reference of the Audit are as described in GG 119 (formerly HD 19/15).
- 1.7 The Audit Team has acted independently of the Design Team and has had no prior involvement in the design of the scheme.
- 1.8 The Audit Team has examined and reported only on the road safety implications of the scheme as presented and has not examined or verified the compliance of the designs to any other criteria.

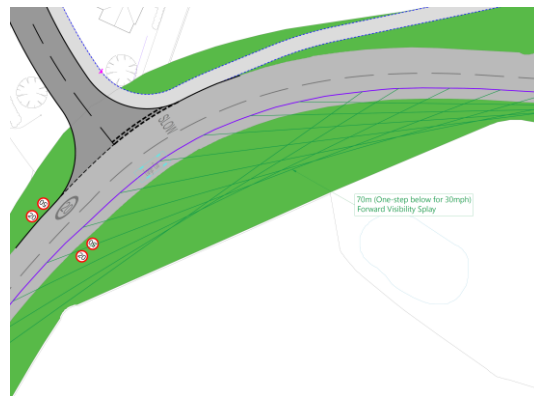
2. Items raised at this Road Safety Audit

LOCAL ALIGNMENT

2.1 Problem

Location: Proposed vehicular access

Summary: Provision of adequate forward visibility of opposing vehicles for motorists waiting to turn right into access



Description:

The drawings identify a number of sightlines, including visibility splays at the proposed access, and forward visibility as illustrated above. In addition to these sightlines, it will be important that motorists waiting to make a right turn into the site have sufficient forward visibility of any opposing vehicles approaching along Lince Lane. It was noted during the site visit that visibility will be restricted to some degree by the road alignment and trees/vegetation. If available visibility is inadequate, this could lead to a heightened risk of associated conflict/side impact collisions.

Recommendation:

It is recommended that motorists waiting to turn right into the site are provided with adequate forward visibility of opposing vehicles based on likely approach speeds.

3. Audit Team Statement

We certify that this Audit has been carried out in accordance with the principles of GG 119.

AUDIT TEAM LEADER:

J Bown MBA PGDipMS IEng FIHE MICE MSoRSA
Alpha Consultants
18-20 Groveland Way
Stotfold
Bedfordshire
SG5 4PH

Signed:



Date:

18 October 2023

AUDIT TEAM MEMBER

B Newiss MCIHT MSoRSA
Alpha Consultants
18-20 Groveland Way
Stotfold
Bedfordshire
SG5 4PH

Signed:



Date:

19 October 2023

Appendix A
Problem Location Plan

A3
ORIGINAL
PLOT SIZE



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- NOTES:**
1. Based on OS Mapping data.
 2. Subject to conformation of Highway Boundary.
 3. Subject to detailed design.
 4. Signage provided in accordance with Traffic Signs Manual.
 5. Junction designed in accordance with CD123 of DMRB, Cherwell Residential Design Guide Supplementary Planning Document (SPD) (July 2018) and the Oxfordshire Street Design Guide.

Key

	- Proposed Kerb Line.		- Existing Highway.
	- Proposed Footway.		- Proposed Highway.
	- Proposed Road Sign.		- Existing Footway.
	- Site Boundary.		- Proposed Footway.
			- Verge.

Rev	Date	Details	Drawn by	Checked by	Approved by
D	31.07.23	Updated Site Layout	LR	TW	DF
C	09.11.22	Updated site layout	LR	TW	DF
B	03.11.22	Updates to viewport layout and hatching added	TW	DF	DF
A	09.09.22	Updated site layout	TW	DF	DF

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CLIENT:
Manorwood Homes

PROJECT:
**Lince Lane,
Kirtlington**

TITLE:
Proposed Site Access

STATUS:
FOR PLANNING

SCALE: As Shown	DATE: 02.09.22	DRAWN: TW	CHECKED: DF	APPROVED: DF
JOB NO: 2207-015	DRAWING NO: PL01	REVISION: D		



1:500

1:250

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APPENDIX B

A3

ORIGINAL
PLOT SIZE

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NOTES:


1. Based on TPA Drawing 2207-015 PL04.
2. Subject to conformation of Highway Boundary.
3. Indicative Highway Boundary extents shown. Based on Nimbus Maps® data (Available at: <https://app.nimbusmaps.co.uk/Lookup>).
4. Subject to detailed design.
5. Forward Visibility Splay designed in accordance with Manual for Streets (MfS).

Key

- Proposed Kerb Line.
- Proposed Footway.
- Existing Speed Limit Change.
- Visibility Splay for vehicle turning right.
- Edge of Highway Boundary.
- Existing Footway.
- Proposed Footway.
- Existing Highway.
- Proposed Highway.
- Verge.

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CLIENT:
Manorwood Homes

PROJECT:
**Lince Lane,
Kirtlington**

TITLE:
**Forward Visibility Splay -
Vehicle Waiting to Turn Right
into Site**

STATUS:
FOR PLANNING

SCALE: 1:250	DATE: 20.10.23	DRAWN: LR	CHECKED: TW	APPROVED: DF
JOB NO: 2207-015		DRAWING NO: VS03		REVISION: -

56m Forward
Visibility Splay



A3
ORIGINAL
PLOT SIZE

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- NOTES:
1. Based on TPA Drawing 2207-015 PL04.
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 4. Subject to detailed design.
 5. Forward Visibility Splays designed in accordance with Manual for Streets (MfS).



56m Forward
Visibility Splay

Existing Forward
Visibility Splay
for Speed Limit
(20mph).

Existing Forward
Visibility Splay
for Speed Limit
(50mph).

Key

	- Proposed Kerb Line.		- Existing Footway.
	- Proposed Footway.		- Proposed Footway.
	- Existing Speed Limit Change.		- Verge.
	- 25m Forward Visibility Splays		- Existing Highway.
	- 160m Forward Visibility Splays		- Proposed Highway.
	- Visibility Splay for vehicle turning right.		- Proposed Speed Limit change.
	- Edge of Highway Boundary.		

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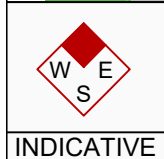
CLIENT:
Manorwood Homes

PROJECT:
**Lince Lane,
Kirtlington**

TITLE:
**Forward Visibility Splay - For
Vehicles Turning Right into Site
& Travelling South on Lince Lane**

STATUS:
FOR PLANNING

SCALE: 1:500	DATE: 20.10.23	DRAWN: LR	CHECKED: TW	APPROVED: DF
JOB NO: 2207-015		DRAWING NO: VS04		REVISION: -



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Lince Lane,
Kirtlington

Project Reference: 2207-015/RSA-Brief/01

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Stage 1 Road Safety Audit - Brief

1 Brief

- 1.1 Transport Planning Associates has been appointed by Manorwood Homes to provide transport and highways advice and input in respect of a proposed residential development on land to the north of Lince Lane, Kirtlington.
- 1.2 The site is located along the northern side of Lince Lane (A4095) on the western fringe of Kirtlington, a village in Oxfordshire. The site is bound by farmland to the north and west, the residential properties of Oxford Close to the east and the Lince Lane (A4095) to the south.
- 1.3 The proposed development will provide a residential development consisting of 15 dwellings along with associated vehicle / pedestrian access and landscaping.
- 1.4 This short note provides Alpha Consultants, appointed to undertake the Stage 1 Road Safety Audit (RSA) for the proposed highway works associated with the proposals.
- 1.5 A few notes are provided as follows, with a detailed table outlining the requirements following and a drawing appended.

Overview of the Highway Works

- 1.6 Vehicle access to the site will be via a simple priority junction onto Lince Lane, as outlined in TPA drawing **2207-015 PL01D**, and is located on the outside of the 90-degree bend along Lince Lane. The site access will have a width of 5.5m, with the width tapering down to 4.8m within the site.

- 1.7 Swept paths for a large car and a refuse vehicle are set out in TPA drawing **2207-015 SP01B** and **SP02A**.
- 1.8 The visibility splays from the site are as set out in TPA drawing **2207-015 VS01B** and **VS02**, with vehicle volume and speed data from January 2023 is also included.

Brief

Table 1.1 Brief (following TfL’s SQA-0170)

Detail		Response
A	An instruction to carry out the Road Safety Audit as per this procedure (SQA-0170)	As per this note.
B	Scheme Title	Lince Lane, Kirtlington
C	A description of the section of carriageway or junction to be Audited	As per this note.
D	A general description of the purpose and key elements of the scheme to help give the Audit Team an understanding of the purpose of the scheme and the layout will operate	As per this note.
E	Scheme drawings to scale (‘as-builts’ for Stage 3 and 4 Audits)	Appended.
F	Traffic signal and phasing diagrams	N/A
G	Any known departures from standards	N/A
H	Schedules of traffic orders	N/A

Detail		Response
I	All previous Road Safety Audit Reports relating to the scheme	N/A
J	All previous Road Safety Audit Response Reports relating to the scheme	N/A
K	Appropriate sized plans of the scheme for the Road Safety Audit Team to mark up and include the Road Safety Audit Report (either A4 or A3 sized sheets)	Appended.
L	Traffic flow / modelling data	As per this note.
M	Pedestrian flow / modelling data	N/A
M	Where the proposal contains new or modified traffic signals and detailed designs have already been prepared and had a design / safety check undertaken by TfL's Traffic Directorate, copies of their design / safety checklist must also be forwarded to the Road Safety Audit Team	N/A
N	Any other information relating to existing features that in the opinion of the Client Organisation, will be required by a Road Safety Audit Team that has no prior knowledge of the proposals or existing conditions	N/A
O	WBS Code (TfL Schemes)	N/A
P	Purchase Order / Authorisation to bill (Borough / Developer schemes as appropriate)	N/A

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Appendix A

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ORIGINAL PLOT SIZE

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 3. Subject to detailed design.
 4. Signage provided in accordance with Traffic Signs Manual.
 5. Junction designed in accordance with CD123 of DMRB, Cherwell Residential Design Guide Supplementary Planning Document (SPD) (July 2018) and the Oxfordshire Street Design Guide.

Key

	- Proposed Kerb Line.		- Existing Highway.
	- Proposed Footway.		- Proposed Highway.
	- Proposed Road Sign.		- Existing Footpath.
	- Site Boundary.		- Proposed Footway.
			- Verge.

Rev	Date	Details	Drawn by	Checked by	Approved by
D	31.07.23	Updated Site Layout	LR	TW	DF
C	09.11.22	Updated site layout	LR	TW	DF
B	03.11.22	Updates to viewport layout and hatching added	TW	DF	DF
A	09.09.22	Updated site layout	TW	DF	DF

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Manorwood Homes

PROJECT:
**Lince Lane,
Kirtlington**

TITLE:
Proposed Site Access

STATUS:
FOR PLANNING

SCALE: As Shown	DATE: 02.09.22	DRAWN: TW	CHECKED: DF	APPROVED: DF
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JOB NO: 2207-015	DRAWING NO: PL01	REVISION: D
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4.8m wide carriageway within site

1:20 Taper

5.5m wide carriageway at junction

Inset Area

1:20 Taper

2m wide pedestrian footway

Diagram 602

Speed Limit change retained as existing

Inset Map

Tie into existing Oxford Road footpath at private drive

Existing Footpath

New 2m wide footpath

Storage Provision for 4 No. Bicycles in dedicated store

Storage Provision for 4 No. Bicycles in dedicated store

0m

R10m

5.5m

R10m



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1:500

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1:250

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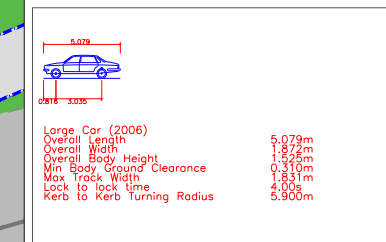
ORIGINAL PLOT SIZE

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NOTES:

1. Based on TPA Drawing 2207-015.PL01D (Dated: 31.07.23).
2. Swept Path Analysis of a Large Car (Autotrack Vehicle Reference 10004).

Vehicle Track Profile:



Key

- Vehicle Pathway.
- Vehicle Overhang.

Rev	Date	Details	Drawn by	Checked by	Approved by
B	31.07.23	Updated Site Layout	LR	TW	DF
A	09.09.22	Updated site layout	TW	DF	DF

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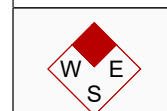
PROJECT:
**Lince Lane,
Kirtlington**

TITLE:
**Proposed Site Access -
Swept Path Analysis of a
Large Car**

STATUS:
FOR PLANNING

SCALE: 1:250	DATE: 02.09.22	DRAWN: TW	CHECKED: DF	APPROVED: DF
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JOB NO: 2207-015	DRAWING NO: SP01	REVISION: B
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INDICATIVE

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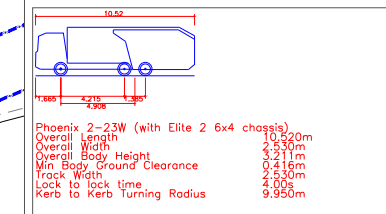
A3

ORIGINAL PLOT SIZE

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- NOTES:
- Based on TPA Drawing 2207-015 PL01.
 - Swept Path Analysis of a 10.52m Phoenix 2-23W 6x4 Refuse Vehicle (Autotrack Vehicle Reference N/A).

Vehicle Track Profile:



Key

- Vehicle Pathway.
- Vehicle Overhang.

Rev	Date	Details	Drawn by	Checked by	Approved by
A	09.09.22	Updated site layout	TW	DF	DF

Bristol
 Cambridge
 London
 Manchester
Oxford
 Welwyn Garden City



Sandford Gate
 East Point Business Park
 Oxford
 OX4 6LB
 01865 910220
www.tpa.uk.com

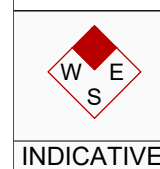
CLIENT:
Manorwood Homes

PROJECT:
**Lince Lane,
 Kirtlington**

TITLE:
**Proposed Site Access -
 Swept Path Analysis of a
 Refuse Vehicle**

STATUS:
FOR PLANNING

SCALE: 1:250	DATE: 02.09.22	DRAWN: TW	CHECKED: DF	APPROVED: DF
JOB NO: 2207-015	DRAWING NO: SP02	REVISION: A		



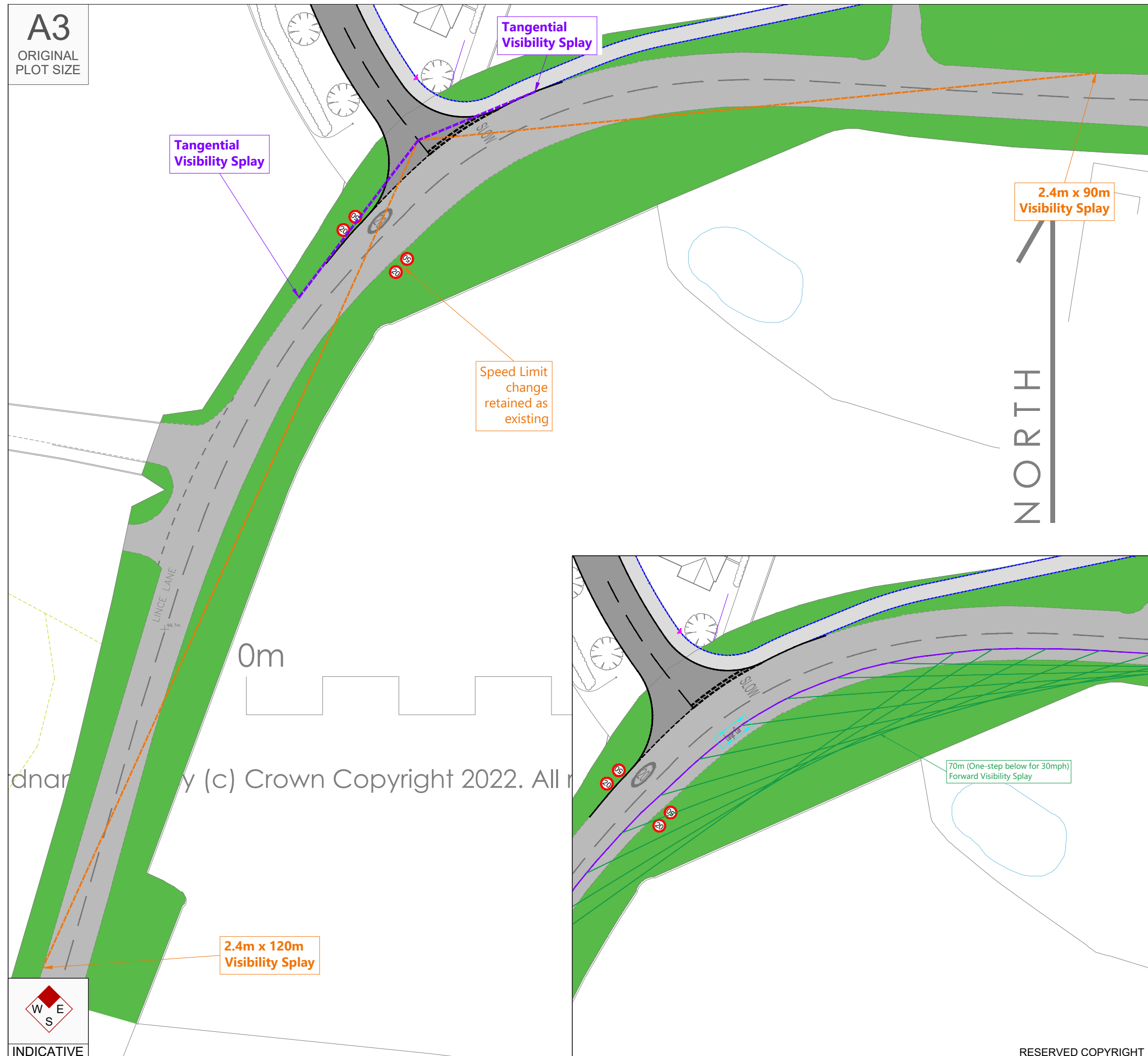
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ORIGINAL PLOT SIZE

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- NOTES:
1. Based on TPA Drawing 2207-015.PL01D (Dated: 31.07.23).
 2. Visibility Splays provided in accordance with Table 2.10 contained within CD109 of the DMRB.



- Key**
- Proposed Kerb Line.
 - Proposed Footway.
 - Proposed Road Sign.
 - Site Boundary.
 - Visibility Splay.
 - Visibility Splay.

Rev	Date	Details	Drawn by	Checked by	Approved by
B	31.07.23	Updated Site Layout	LR	TW	DF
A	09.09.22	Updated site layout	TW	DF	DF

Bristol
Cambridge
London
Oxford
Welwyn Garden City



Transport Planning Associates

Sandford Gate
East Point Business Park
Oxford
OX4 6LB
01865 910220
www.tpa.uk.com

CLIENT: **Manorwood Homes**

PROJECT: **Lince Lane, Kirtlington**

TITLE: **Proposed Site Access Visibility Splays**

STATUS: **FOR PLANNING**

SCALE: 1:500	DATE: 02.09.22	DRAWN: TW	CHECKED: DF	APPROVED: DF
JOB NO: 2207-015	DRAWING NO: VS01	REVISION: B		

Speed Limit change retained as existing

2.4m x 90m Visibility Splay

Tangential Visibility Splay

Tangential Visibility Splay

2.4m x 120m Visibility Splay

70m (One-step below for 30mph) Forward Visibility Splay

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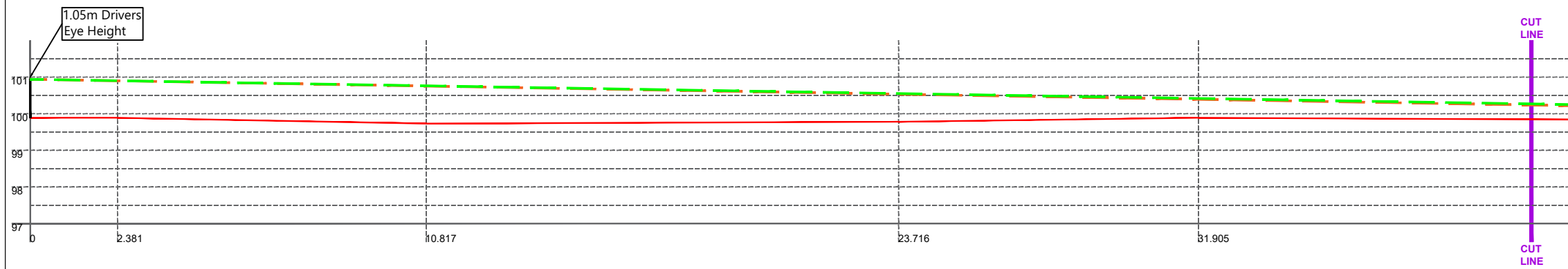
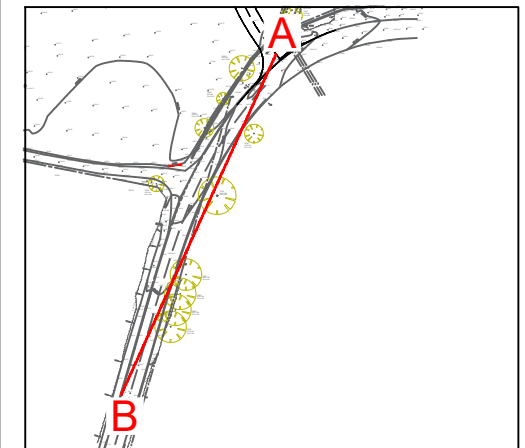
ORIGINAL PLOT SIZE

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NOTES:

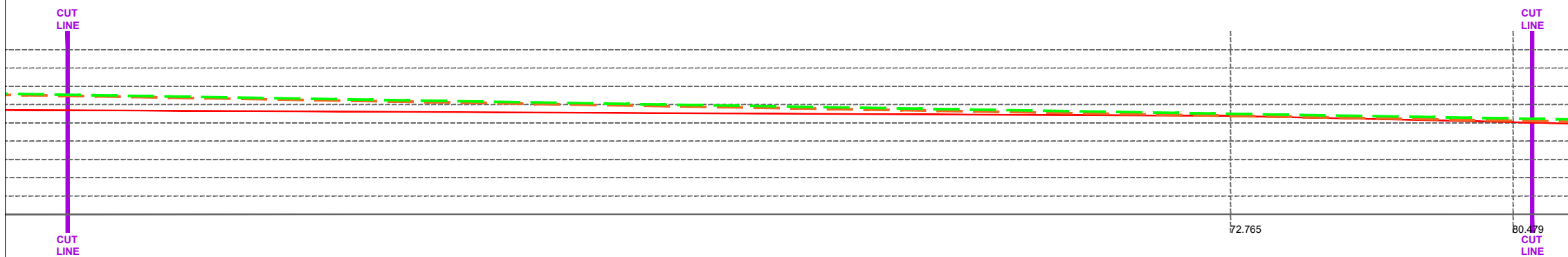
- 1. All measurements in Meters.

Key: — Surface Level



CROSSECTION A-B ON A4095 (Section 1 of 3)

Rev	Date	Details	Drawn by	Checked by	Approved by



CROSSECTION A-B ON A4095 (Section 2 of 3)

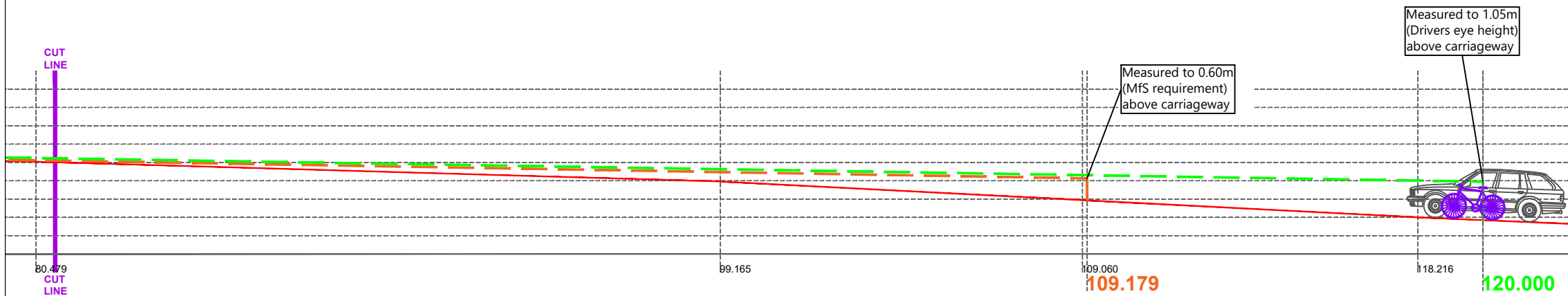
Bristol
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London
Oxford
Welwyn Garden City



Transport Planning Associates

Sandford Gate
East Point Business Park
Oxford
OX4 6LB
01865 807 284
www.tpa.uk.com

CLIENT: Manorwood Homes



CROSSECTION A-B ON A4095 (Section 3 of 3)

PROJECT: Lince Lane, Kirtlington

TITLE: Proposed Site Access - Vertical Visibility Splays

STATUS: FOR INFORMATION

SCALE: NTS	DATE: 12.10.23	DRAWN: TW	CHECKED: DF	APPROVED: DF
JOB NO: 2207-015		DRAWING NO: VS02		REVISION:



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A4095 Oxford Road, Kirtlington ATC

Site No. 6092

Site Ref. 609201

Vehicle Count Report

Week Begin: 17 January 2023

Channel: Northbound

	Tue Jan 17	Wed Jan 18	Thu Jan 19	Fri Jan 20	Sat Jan 21	Sun Jan 22	Mon Jan 23	5-Day Ave.	7-Day Ave.
00:00	0	2	4	3	4	5	2	2	3
01:00	2	3	5	3	3	2	0	3	3
02:00	1	1	0	1	2	2	0	1	1
03:00	2	0	1	1	1	0	0	1	1
04:00	1	0	1	2	1	1	1	1	1
05:00	11	6	10	8	5	2	10	9	7
06:00	50	59	53	41	11	4	49	50	38
07:00	184	177	173	158	30	10	176	174	130
08:00	289	235	238	160	53	24	230	230	176
09:00	172	137	130	122	91	59	129	138	120
10:00	109	115	112	117	116	94	100	111	109
11:00	116	128	148	126	152	102	124	128	128
12:00	130	140	120	204	144	118	117	142	139
13:00	119	154	134	268	124	131	116	158	149
14:00	120	171	186	247	128	142	149	175	163
15:00	220	242	244	310	135	131	218	247	214
16:00	371	332	367	288	122	139	298	331	274
17:00	301	285	301	247	86	85	305	288	230
18:00	99	129	160	111	48	40	111	122	100
19:00	44	46	60	49	28	26	33	46	41
20:00	35	24	33	19	20	20	25	27	25
21:00	20	20	26	14	7	8	14	19	16
22:00	7	13	15	18	9	5	8	12	11
23:00	8	3	3	4	13	8	4	4	6
Total									
12H(7-19)	2230	2245	2313	2358	1229	1075	2073	2244	1932
16H(6-22)	2379	2394	2485	2481	1295	1133	2194	2387	2052
18H(6-24)	2394	2410	2503	2503	1317	1146	2206	2403	2068
24H(0-24)	2411	2422	2524	2521	1333	1158	2219	2419	2084
AM Peak	08:00 289	08:00 235	08:00 238	08:00 160	11:00 152	11:00 102	08:00 230	08:00 230	08:00 176
PM Peak	16:00 371	16:00 332	16:00 367	15:00 310	12:00 144	14:00 142	17:00 305	16:00 331	16:00 274

Site No. 6092

Site Ref. 609201

Vehicle Count Report

Week Begin: 17 January 2023

Channel: Southbound

	Tue Jan 17	Wed Jan 18	Thu Jan 19	Fri Jan 20	Sat Jan 21	Sun Jan 22	Mon Jan 23	5-Day Ave.	7-Day Ave.
00:00	2	2	0	2	3	8	3	2	3
01:00	0	1	1	1	3	0	1	1	1
02:00	2	2	1	3	2	2	1	2	2
03:00	0	0	3	1	2	0	2	1	1
04:00	3	2	3	1	1	1	1	2	2
05:00	10	14	14	10	4	3	15	13	10
06:00	79	76	78	75	11	6	85	79	59
07:00	322	303	302	262	60	17	322	302	227
08:00	317	249	286	219	64	37	253	265	204
09:00	235	181	191	144	94	68	201	190	159
10:00	156	140	111	141	125	106	121	134	129
11:00	120	104	96	142	156	120	104	113	120
12:00	109	118	130	130	144	127	86	115	121
13:00	103	110	115	121	151	119	129	116	121
14:00	122	157	142	221	105	108	129	154	141
15:00	132	159	135	196	109	120	112	147	138
16:00	186	207	195	175	84	99	189	190	162
17:00	167	191	160	143	68	66	169	166	138
18:00	138	125	133	89	60	53	118	121	102
19:00	57	60	61	62	34	36	52	58	52
20:00	36	27	30	29	29	22	29	30	29
21:00	24	20	21	21	19	16	16	20	20
22:00	7	13	9	17	6	7	11	11	10
23:00	6	6	5	11	13	4	2	6	7
Total									
12H(7-19)	2107	2044	1996	1983	1220	1040	1933	2013	1760
16H(6-22)	2303	2227	2186	2170	1313	1120	2115	2200	1919
18H(6-24)	2316	2246	2200	2198	1332	1131	2128	2218	1936
24H(0-24)	2333	2267	2222	2216	1347	1145	2151	2238	1954
AM Peak	07:00 322	07:00 303	07:00 302	07:00 262	11:00 156	11:00 120	07:00 322	07:00 302	07:00 227
PM Peak	16:00 186	16:00 207	16:00 195	14:00 221	13:00 151	12:00 127	16:00 189	16:00 190	16:00 162

Site No. 6092

Site Ref. 609201

Vehicle Count Report

Week Begin: 17 January 2023

Channel: Total Flow

	Tue Jan 17	Wed Jan 18	Thu Jan 19	Fri Jan 20	Sat Jan 21	Sun Jan 22	Mon Jan 23	5-Day Ave.	7-Day Ave.
00:00	2	4	4	5	7	13	5	4	6
01:00	2	4	6	4	6	2	1	3	4
02:00	3	3	1	4	4	4	1	2	3
03:00	2	0	4	2	3	0	2	2	2
04:00	4	2	4	3	2	2	2	3	3
05:00	21	20	24	18	9	5	25	22	17
06:00	129	135	131	116	22	10	134	129	97
07:00	506	480	475	420	90	27	498	476	357
08:00	606	484	524	379	117	61	483	495	379
09:00	407	318	321	266	185	127	330	328	279
10:00	265	255	223	258	241	200	221	244	238
11:00	236	232	244	268	308	222	228	242	248
12:00	239	258	250	334	288	245	203	257	260
13:00	222	264	249	389	275	250	245	274	271
14:00	242	328	328	468	233	250	278	329	304
15:00	352	401	379	506	244	251	330	394	352
16:00	557	539	562	463	206	238	487	522	436
17:00	468	476	461	390	154	151	474	454	368
18:00	237	254	293	200	108	93	229	243	202
19:00	101	106	121	111	62	62	85	105	93
20:00	71	51	63	48	49	42	54	57	54
21:00	44	40	47	35	26	24	30	39	35
22:00	14	26	24	35	15	12	19	24	21
23:00	14	9	8	15	26	12	6	10	13
Total									
12H(7-19)	4337	4289	4309	4341	2449	2115	4006	4256	3692
16H(6-22)	4682	4621	4671	4651	2608	2253	4309	4587	3971
18H(6-24)	4710	4656	4703	4701	2649	2277	4334	4621	4004
24H(0-24)	4744	4689	4746	4737	2680	2303	4370	4657	4038
AM Peak	08:00 606	08:00 484	08:00 524	07:00 420	11:00 308	11:00 222	07:00 498	08:00 495	08:00 379
PM Peak	16:00 557	16:00 539	16:00 562	15:00 506	12:00 288	15:00 251	16:00 487	16:00 522	16:00 436



A4095 Oxford Road, Kirtlington ATC

Site No. 6092

Site Ref. 609201

Classification Report

Week Begin: 17 January 2023

Channel: Northbound

	Total Volume	Bin 1 M/Cycle	Bin 2 Car/Van	Bin 3 LGV	Bin 4 HGV	Bin 5 Bus
Tue 17 Jan	2411	9	2209	127	59	7
Wed 18 Jan	2422	11	2218	133	54	6
Thu 19 Jan	2524	10	2318	136	52	8
Fri 20 Jan	2521	10	2317	144	41	9
Sat 21 Jan	1333	7	1278	40	6	2
Sun 22 Jan	1158	6	1122	26	4	0
Mon 23 Jan	2219	6	2044	109	58	2
5 Day Ave.	2419	9	2221	130	53	6
7 Day Ave.	2084	8	1929	102	39	5

PCC Traffic Information Consultancy Ltd.

Site No. 6092

Site Ref. 609201

Classification Report

Week Begin: 17 January 2023

Channel: Southbound

	Total Volume	Bin 1 M/Cycle	Bin 2 Car/Van	Bin 3 LGV	Bin 4 HGV	Bin 5 Bus
Tue 17 Jan	2333	7	2151	111	60	4
Wed 18 Jan	2267	6	2077	112	69	3
Thu 19 Jan	2222	10	2032	117	55	8
Fri 20 Jan	2216	5	2035	115	53	8
Sat 21 Jan	1347	2	1288	44	12	1
Sun 22 Jan	1145	2	1096	42	5	0
Mon 23 Jan	2151	3	1970	112	59	7
5 Day Ave.	2238	6	2053	113	59	6
7 Day Ave.	1954	5	1807	93	45	4

PCC Traffic Information Consultancy Ltd.

Site No. 6092

Site Ref. 609201

Classification I Site No.

Week Begin: 17 January 2023

Channel: Total Flow

	Total Volume	Bin 1 M/Cycle	Bin 2 Car/Van	Bin 3 LGV	Bin 4 HGV	Bin 5 Bus
Tue 17 Jan	4744	16	4360	238	119	11
Wed 18 Jan	4689	17	4295	245	123	9
Thu 19 Jan	4746	20	4350	253	107	16
Fri 20 Jan	4737	15	4352	259	94	17
Sat 21 Jan	2680	9	2566	84	18	3
Sun 22 Jan	2303	8	2218	68	9	0
Mon 23 Jan	4370	9	4014	221	117	9
5 Day Ave.	4657	15	4274	243	112	12
7 Day Ave.	4038	13	3736	195	84	9

PCC Traffic Information Consultancy Ltd.



A4095 Oxford Road, Kirtlington ATC

Site No. 6092 Site Ref. 609201

Speed Report (Speed Limit 50 Mph)

Week Begin: 17 January 2023

Channel: Northbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10Mph	Bin 2 10-<15	Bin 3 15-<20	Bin 4 20-<25	Bin 5 25-<30	Bin 6 30-<35	Bin 7 35-<40	Bin 8 40-<45	Bin 9 45-<50	Bin 10 50-<55	Bin 11 55-<60	Bin 12 60-<65	Bin 13 >=65
Tue 17 Jan	2411	33	28	5	1	2	47	419	1150	699	89	4	0	0	0	0	0
Wed 18 Jan	2422	33	28	5	3	15	50	413	1190	684	58	8	1	0	0	0	0
Thu 19 Jan	2524	33	28	5	4	8	42	448	1313	652	57	0	0	0	0	0	0
Fri 20 Jan	2521	33	28	5	5	2	24	423	1242	738	81	6	0	0	0	0	0
Sat 21 Jan	1333	34	29	5	1	4	31	163	638	424	66	6	0	0	0	0	0
Sun 22 Jan	1158	33	28	5	0	8	15	194	554	353	33	1	0	0	0	0	0
Mon 23 Jan	2219	33	28	5	0	9	58	415	1123	556	54	4	0	0	0	0	0
5 Day Ave.	2419	33	28	5	3	7	44	424	1204	666	68	4	0	0	0	0	0
7 Day Ave.	2084	33	28	5	2	7	38	354	1030	587	63	4	0	0	0	0	0

PCC Traffic Information Consultancy Ltd.

Site No. 6092 Site Ref. 609201

Speed Report (Speed Limit 50 Mph)

Week Begin: 17 January 2023

Channel: Southbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10Mph	Bin 2 10-<15	Bin 3 15-<20	Bin 4 20-<25	Bin 5 25-<30	Bin 6 30-<35	Bin 7 35-<40	Bin 8 40-<45	Bin 9 45-<50	Bin 10 50-<55	Bin 11 55-<60	Bin 12 60-<65	Bin 13 >=65
Tue 17 Jan	2333	34	30	4	0	5	15	168	984	948	189	14	3	3	1	2	1
Wed 18 Jan	2267	34	29	4	0	10	17	198	1069	833	115	15	3	4	1	1	1
Thu 19 Jan	2222	34	29	4	0	9	12	195	1103	768	114	16	1	1	0	1	2
Fri 20 Jan	2216	34	30	4	5	7	11	155	1005	872	140	13	4	3	0	1	0
Sat 21 Jan	1347	34	29	4	1	9	9	125	606	513	77	5	0	2	0	0	0
Sun 22 Jan	1145	34	30	4	1	2	12	75	562	422	66	5	0	0	0	0	0
Mon 23 Jan	2151	34	29	4	1	3	7	202	1086	746	91	5	7	2	1	0	0
5 Day Ave.	2238	34	29	4	1	7	12	184	1049	833	130	13	4	3	1	1	1
7 Day Ave.	1954	34	30	4	1	6	12	160	916	729	113	10	3	2	0	1	1

PCC Traffic Information Consultancy Ltd.

Site No. 6092 Site Ref. 609201

Speed Report (Speed Limit 50 Mph)

Week Begin: 17 January 2023

Channel: Total Flow

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10Mph	Bin 2 10-<15	Bin 3 15-<20	Bin 4 20-<25	Bin 5 25-<30	Bin 6 30-<35	Bin 7 35-<40	Bin 8 40-<45	Bin 9 45-<50	Bin 10 50-<55	Bin 11 55-<60	Bin 12 60-<65	Bin 13 >=65
Tue 17 Jan	4744	34	29	5	1	7	62	587	2134	1647	278	18	3	3	1	2	1
Wed 18 Jan	4689	33	29	5	3	25	67	611	2259	1517	173	23	4	4	1	1	1
Thu 19 Jan	4746	33	29	5	4	17	54	643	2416	1420	171	16	1	1	0	1	2
Fri 20 Jan	4737	34	29	5	10	9	35	578	2247	1610	221	19	4	3	0	1	0
Sat 21 Jan	2680	34	29	5	2	13	40	288	1244	937	143	11	0	2	0	0	0
Sun 22 Jan	2303	34	29	5	1	10	27	269	1116	775	99	6	0	0	0	0	0
Mon 23 Jan	4370	33	29	5	1	12	65	617	2209	1302	145	9	7	2	1	0	0
5 Day Ave.	4657	33	29	5	4	14	57	607	2253	1499	198	17	4	3	1	1	1
7 Day Ave.	4038	33	29	5	3	13	50	513	1946	1315	176	15	3	2	0	1	1

PCC Traffic Information Consultancy Ltd.



A4095 Oxford Road, Kirtlington ATC

Site No. 6092

Site Ref. 609201

Classification Report

17 Jan 2023

Channel: Northbound

	Total Volume	Bin 1 M/Cycle	Bin 2 Car/Van	Bin 3 LGV	Bin 4 HGV	Bin 5 Bus
00:00	0	0	0	0	0	0
01:00	2	0	2	0	0	0
02:00	1	0	1	0	0	0
03:00	2	0	1	1	0	0
04:00	1	0	1	0	0	0
05:00	11	0	11	0	0	0
06:00	50	0	47	3	0	0
07:00	184	0	166	14	3	1
08:00	289	0	271	12	5	1
09:00	172	0	153	6	12	1
10:00	109	0	95	11	2	1
11:00	116	2	101	10	3	0
12:00	130	0	117	11	1	1
13:00	119	1	105	5	7	1
14:00	120	2	108	6	3	1
15:00	220	0	191	17	12	0
16:00	371	0	348	15	8	0
17:00	301	3	289	8	1	0
18:00	99	1	93	3	2	0
19:00	44	0	42	2	0	0
20:00	35	0	32	3	0	0
21:00	20	0	20	0	0	0
22:00	7	0	7	0	0	0
23:00	8	0	8	0	0	0
Total						
12H(7-19)	2230	9	2037	118	59	7
16H(6-22)	2379	9	2178	126	59	7
18H(6-24)	2394	9	2193	126	59	7
24H(0-24)	2411	9	2209	127	59	7
AM Peak	08:00	11:00	08:00	07:00	09:00	10:00
	289	2	271	14	12	1
PM Peak	16:00	17:00	16:00	15:00	15:00	14:00
	371	3	348	17	12	1

Site No. 6092

Site Ref. 609201

Classification Report

17 Jan 2023

Channel: Southbound

	Total Volume	Bin 1 M/Cycle	Bin 2 Car/IVan	Bin 3 LGV	Bin 4 HGV	Bin 5 Bus
00:00	2	0	2	0	0	0
01:00	0	0	0	0	0	0
02:00	2	0	2	0	0	0
03:00	0	0	0	0	0	0
04:00	3	0	3	0	0	0
05:00	10	1	9	0	0	0
06:00	79	0	75	3	1	0
07:00	322	1	302	14	5	0
08:00	317	2	287	18	9	1
09:00	235	0	205	19	9	2
10:00	156	0	141	12	3	0
11:00	120	1	110	7	2	0
12:00	109	0	98	7	4	0
13:00	103	0	95	3	5	0
14:00	122	1	111	3	7	0
15:00	132	1	119	6	6	0
16:00	186	0	175	6	5	0
17:00	167	0	159	6	2	0
18:00	138	0	134	3	1	0
19:00	57	0	54	3	0	0
20:00	36	0	34	1	1	0
21:00	24	0	24	0	0	0
22:00	7	0	7	0	0	0
23:00	6	0	5	0	0	1
Total						
12H(7-19)	2107	6	1936	104	58	3
16H(6-22)	2303	6	2123	111	60	3
18H(6-24)	2316	6	2135	111	60	4
24H(0-24)	2333	7	2151	111	60	4
AM Peak	07:00 322	08:00 2	07:00 302	09:00 19	09:00 9	09:00 2
PM Peak	16:00 186	15:00 1	16:00 175	12:00 7	14:00 7	23:00 1

Site No. 6092

Site Ref. 609201

Classification Report

17 Jan 2023

Channel: Total Flow

	Total Volume	Bin 1 M/Cycle	Bin 2 Car/IVan	Bin 3 LGV	Bin 4 HGV	Bin 5 Bus
00:00	2	0	2	0	0	0
01:00	2	0	2	0	0	0
02:00	3	0	3	0	0	0
03:00	2	0	1	1	0	0
04:00	4	0	4	0	0	0
05:00	21	1	20	0	0	0
06:00	129	0	122	6	1	0
07:00	506	1	468	28	8	1
08:00	606	2	558	30	14	2
09:00	407	0	358	25	21	3
10:00	265	0	236	23	5	1
11:00	236	3	211	17	5	0
12:00	239	0	215	18	5	1
13:00	222	1	200	8	12	1
14:00	242	3	219	9	10	1
15:00	352	1	310	23	18	0
16:00	557	0	523	21	13	0
17:00	468	3	448	14	3	0
18:00	237	1	227	6	3	0
19:00	101	0	96	5	0	0
20:00	71	0	66	4	1	0
21:00	44	0	44	0	0	0
22:00	14	0	14	0	0	0
23:00	14	0	13	0	0	1
Total						
12H(7-19)	4337	15	3973	222	117	10
16H(6-22)	4682	15	4301	237	119	10
18H(6-24)	4710	15	4328	237	119	11
24H(0-24)	4744	16	4360	238	119	11
AM Peak	08:00 606	11:00 3	08:00 558	08:00 30	09:00 21	09:00 3
PM Peak	16:00 557	17:00 3	16:00 523	15:00 23	15:00 18	23:00 1



A4095 Oxford Road, Kirtlington ATC

Site No. 6092

Site Ref. 609201

Classification Report

18 Jan 2023

Channel: Northbound

	Total Volume	Bin 1 M/Cycle	Bin 2 Car/Van	Bin 3 LGV	Bin 4 HGV	Bin 5 Bus
00:00	2	1	1	0	0	0
01:00	3	0	3	0	0	0
02:00	1	0	0	1	0	0
03:00	0	0	0	0	0	0
04:00	0	0	0	0	0	0
05:00	6	0	6	0	0	0
06:00	59	0	50	8	1	0
07:00	177	0	167	7	3	0
08:00	235	0	212	12	11	0
09:00	137	0	112	16	7	2
10:00	115	0	101	7	6	1
11:00	128	0	104	17	6	1
12:00	140	0	129	10	1	0
13:00	154	1	143	8	2	0
14:00	171	0	151	15	5	0
15:00	242	4	226	8	4	0
16:00	332	1	317	11	3	0
17:00	285	1	274	5	3	2
18:00	129	1	123	4	1	0
19:00	46	1	43	2	0	0
20:00	24	1	22	1	0	0
21:00	20	0	19	1	0	0
22:00	13	0	12	0	1	0
23:00	3	0	3	0	0	0
Total						
12H(7-19)	2245	8	2059	120	52	6
16H(6-22)	2394	10	2193	132	53	6
18H(6-24)	2410	10	2208	132	54	6
24H(0-24)	2422	11	2218	133	54	6
AM Peak	08:00 235	00:00 1	08:00 212	11:00 17	08:00 11	09:00 2
PM Peak	16:00 332	15:00 4	16:00 317	14:00 15	14:00 5	17:00 2

Site No. 6092

Site Ref. 609201

Classification Report

18 Jan 2023

Channel: Southbound

	Total Volume	Bin 1 M/Cycle	Bin 2 Car/Ivan	Bin 3 LGV	Bin 4 HGV	Bin 5 Bus
00:00	2	0	2	0	0	0
01:00	1	0	1	0	0	0
02:00	2	0	2	0	0	0
03:00	0	0	0	0	0	0
04:00	2	1	1	0	0	0
05:00	14	0	13	1	0	0
06:00	76	0	73	3	0	0
07:00	303	2	283	11	6	1
08:00	249	0	225	16	8	0
09:00	181	0	148	17	15	1
10:00	140	0	120	12	8	0
11:00	104	0	95	6	3	0
12:00	118	0	108	5	5	0
13:00	110	0	98	6	6	0
14:00	157	0	142	8	7	0
15:00	159	1	147	7	4	0
16:00	207	2	194	7	4	0
17:00	191	0	184	5	2	0
18:00	125	0	120	5	0	0
19:00	60	0	58	2	0	0
20:00	27	0	26	0	1	0
21:00	20	0	20	0	0	0
22:00	13	0	13	0	0	0
23:00	6	0	4	1	0	1
Total						
12H(7-19)	2044	5	1864	105	68	2
16H(6-22)	2227	5	2041	110	69	2
18H(6-24)	2246	5	2058	111	69	3
24H(0-24)	2267	6	2077	112	69	3
AM Peak	07:00 303	07:00 2	07:00 283	09:00 17	09:00 15	09:00 1
PM Peak	16:00 207	16:00 2	16:00 194	14:00 8	14:00 7	23:00 1

Site No. 6092

Site Ref. 609201

Classification Report

18 Jan 2023

Channel: Total Flow

	Total Volume	Bin 1 M/Cycle	Bin 2 Car/IVan	Bin 3 LGV	Bin 4 HGV	Bin 5 Bus
00:00	4	1	3	0	0	0
01:00	4	0	4	0	0	0
02:00	3	0	2	1	0	0
03:00	0	0	0	0	0	0
04:00	2	1	1	0	0	0
05:00	20	0	19	1	0	0
06:00	135	0	123	11	1	0
07:00	480	2	450	18	9	1
08:00	484	0	437	28	19	0
09:00	318	0	260	33	22	3
10:00	255	0	221	19	14	1
11:00	232	0	199	23	9	1
12:00	258	0	237	15	6	0
13:00	264	1	241	14	8	0
14:00	328	0	293	23	12	0
15:00	401	5	373	15	8	0
16:00	539	3	511	18	7	0
17:00	476	1	458	10	5	2
18:00	254	1	243	9	1	0
19:00	106	1	101	4	0	0
20:00	51	1	48	1	1	0
21:00	40	0	39	1	0	0
22:00	26	0	25	0	1	0
23:00	9	0	7	1	0	1
Total						
12H(7-19)	4289	13	3923	225	120	8
16H(6-22)	4621	15	4234	242	122	8
18H(6-24)	4656	15	4266	243	123	9
24H(0-24)	4689	17	4295	245	123	9
AM Peak	08:00 484	07:00 2	07:00 450	09:00 33	09:00 22	09:00 3
PM Peak	16:00 539	15:00 5	16:00 511	14:00 23	14:00 12	17:00 2



A4095 Oxford Road, Kirtlington ATC

Site No. 6092

Site Ref. 609201

Classification Report

19 Jan 2023

Channel: Northbound

	Total Volume	Bin 1 M/Cycle	Bin 2 Car/Van	Bin 3 LGV	Bin 4 HGV	Bin 5 Bus
00:00	4	1	3	0	0	0
01:00	5	0	5	0	0	0
02:00	0	0	0	0	0	0
03:00	1	0	1	0	0	0
04:00	1	0	0	0	1	0
05:00	10	0	10	0	0	0
06:00	53	0	47	3	0	3
07:00	173	0	159	13	1	0
08:00	238	1	222	9	6	0
09:00	130	0	112	11	7	0
10:00	112	0	100	9	3	0
11:00	148	0	134	9	5	0
12:00	120	0	103	8	7	2
13:00	134	3	117	11	2	1
14:00	186	0	162	18	5	1
15:00	244	1	219	16	8	0
16:00	367	2	346	14	4	1
17:00	301	1	291	8	1	0
18:00	160	0	154	4	2	0
19:00	60	1	58	1	0	0
20:00	33	0	31	2	0	0
21:00	26	0	26	0	0	0
22:00	15	0	15	0	0	0
23:00	3	0	3	0	0	0
Total						
12H(7-19)	2313	8	2119	130	51	5
16H(6-22)	2485	9	2281	136	51	8
18H(6-24)	2503	9	2299	136	51	8
24H(0-24)	2524	10	2318	136	52	8
AM Peak	08:00 238	08:00 1	08:00 222	07:00 13	09:00 7	06:00 3
PM Peak	16:00 367	13:00 3	16:00 346	14:00 18	15:00 8	12:00 2

Site No. 6092

Site Ref. 609201

Classification Report

19 Jan 2023

Channel: Southbound

	Total Volume	Bin 1 M/Cycle	Bin 2 Car/IVan	Bin 3 LGV	Bin 4 HGV	Bin 5 Bus
00:00	0	0	0	0	0	0
01:00	1	0	1	0	0	0
02:00	1	0	1	0	0	0
03:00	3	0	2	0	1	0
04:00	3	1	1	0	1	0
05:00	14	0	11	1	1	1
06:00	78	0	75	1	1	1
07:00	302	1	280	19	2	0
08:00	286	0	265	11	9	1
09:00	191	1	170	11	9	0
10:00	111	0	91	13	7	0
11:00	96	1	84	4	7	0
12:00	130	1	114	9	5	1
13:00	115	1	99	10	4	1
14:00	142	2	135	4	1	0
15:00	135	0	122	9	3	1
16:00	195	1	181	10	3	0
17:00	160	1	152	7	0	0
18:00	133	0	126	5	1	1
19:00	61	0	60	1	0	0
20:00	30	0	30	0	0	0
21:00	21	0	21	0	0	0
22:00	9	0	8	1	0	0
23:00	5	0	3	1	0	1
Total						
12H(7-19)	1996	9	1819	112	51	5
16H(6-22)	2186	9	2005	114	52	6
18H(6-24)	2200	9	2016	116	52	7
24H(0-24)	2222	10	2032	117	55	8
AM Peak	07:00 302	11:00 1	07:00 280	07:00 19	09:00 9	08:00 1
PM Peak	16:00 195	14:00 2	16:00 181	16:00 10	12:00 5	23:00 1

Site No. 6092

Site Ref. 609201

Classification Report

19 Jan 2023

Channel: Total Flow

	Total Volume	Bin 1 M/Cycle	Bin 2 Car/IVan	Bin 3 LGV	Bin 4 HGV	Bin 5 Bus
00:00	4	1	3	0	0	0
01:00	6	0	6	0	0	0
02:00	1	0	1	0	0	0
03:00	4	0	3	0	1	0
04:00	4	1	1	0	2	0
05:00	24	0	21	1	1	1
06:00	131	0	122	4	1	4
07:00	475	1	439	32	3	0
08:00	524	1	487	20	15	1
09:00	321	1	282	22	16	0
10:00	223	0	191	22	10	0
11:00	244	1	218	13	12	0
12:00	250	1	217	17	12	3
13:00	249	4	216	21	6	2
14:00	328	2	297	22	6	1
15:00	379	1	341	25	11	1
16:00	562	3	527	24	7	1
17:00	461	2	443	15	1	0
18:00	293	0	280	9	3	1
19:00	121	1	118	2	0	0
20:00	63	0	61	2	0	0
21:00	47	0	47	0	0	0
22:00	24	0	23	1	0	0
23:00	8	0	6	1	0	1
Total						
12H(7-19)	4309	17	3938	242	102	10
16H(6-22)	4671	18	4286	250	103	14
18H(6-24)	4703	18	4315	252	103	15
24H(0-24)	4746	20	4350	253	107	16
AM Peak	08:00 524	11:00 1	08:00 487	07:00 32	09:00 16	06:00 4
PM Peak	16:00 562	13:00 4	16:00 527	15:00 25	12:00 12	12:00 3



A4095 Oxford Road, Kirtlington ATC

Site No. 6092

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Classification Report

20 Jan 2023

Channel: Northbound

	Total Volume	Bin 1 M/Cycle	Bin 2 Car/Van	Bin 3 LGV	Bin 4 HGV	Bin 5 Bus
00:00	3	1	2	0	0	0
01:00	3	0	3	0	0	0
02:00	1	0	0	1	0	0
03:00	1	0	1	0	0	0
04:00	2	0	2	0	0	0
05:00	8	0	8	0	0	0
06:00	41	0	38	3	0	0
07:00	158	0	150	8	0	0
08:00	160	0	147	7	5	1
09:00	122	0	104	6	10	2
10:00	117	1	103	11	2	0
11:00	126	1	110	11	3	1
12:00	204	0	184	15	4	1
13:00	268	3	238	19	7	1
14:00	247	2	221	18	4	2
15:00	310	0	285	20	5	0
16:00	288	1	272	14	0	1
17:00	247	0	242	5	0	0
18:00	111	1	106	3	1	0
19:00	49	0	47	2	0	0
20:00	19	0	18	1	0	0
21:00	14	0	14	0	0	0
22:00	18	0	18	0	0	0
23:00	4	0	4	0	0	0
Total						
12H(7-19)	2358	9	2162	137	41	9
16H(6-22)	2481	9	2279	143	41	9
18H(6-24)	2503	9	2301	143	41	9
24H(0-24)	2521	10	2317	144	41	9
AM Peak	08:00 160	11:00 1	07:00 150	11:00 11	09:00 10	09:00 2
PM Peak	15:00 310	13:00 3	15:00 285	15:00 20	13:00 7	14:00 2

Site No. 6092

Site Ref. 609201

Classification Report

20 Jan 2023

Channel: Southbound

	Total Volume	Bin 1 M/Cycle	Bin 2 Car/IVan	Bin 3 LGV	Bin 4 HGV	Bin 5 Bus
00:00	2	0	2	0	0	0
01:00	1	0	1	0	0	0
02:00	3	0	3	0	0	0
03:00	1	0	1	0	0	0
04:00	1	0	1	0	0	0
05:00	10	0	9	1	0	0
06:00	75	0	70	3	2	0
07:00	262	0	243	13	6	0
08:00	219	0	199	11	8	1
09:00	144	0	127	13	4	0
10:00	141	0	126	10	5	0
11:00	142	0	128	6	7	1
12:00	130	0	118	7	5	0
13:00	121	1	109	7	4	0
14:00	221	0	198	16	5	2
15:00	196	1	181	9	4	1
16:00	175	1	164	8	2	0
17:00	143	1	134	7	0	1
18:00	89	0	85	2	1	1
19:00	62	0	61	1	0	0
20:00	29	0	29	0	0	0
21:00	21	0	21	0	0	0
22:00	17	1	15	1	0	0
23:00	11	0	10	0	0	1
Total						
12H(7-19)	1983	4	1812	109	51	7
16H(6-22)	2170	4	1993	113	53	7
18H(6-24)	2198	5	2018	114	53	8
24H(0-24)	2216	5	2035	115	53	8
AM Peak	07:00	11:00	07:00	09:00	08:00	11:00
	262	0	243	13	8	1
PM Peak	14:00	22:00	14:00	14:00	14:00	14:00
	221	1	198	16	5	2

Site No. 6092

Site Ref. 609201

Classification Report

20 Jan 2023

Channel: Total Flow

	Total Volume	Bin 1 M/Cycle	Bin 2 Car/IVan	Bin 3 LGV	Bin 4 HGV	Bin 5 Bus
00:00	5	1	4	0	0	0
01:00	4	0	4	0	0	0
02:00	4	0	3	1	0	0
03:00	2	0	2	0	0	0
04:00	3	0	3	0	0	0
05:00	18	0	17	1	0	0
06:00	116	0	108	6	2	0
07:00	420	0	393	21	6	0
08:00	379	0	346	18	13	2
09:00	266	0	231	19	14	2
10:00	258	1	229	21	7	0
11:00	268	1	238	17	10	2
12:00	334	0	302	22	9	1
13:00	389	4	347	26	11	1
14:00	468	2	419	34	9	4
15:00	506	1	466	29	9	1
16:00	463	2	436	22	2	1
17:00	390	1	376	12	0	1
18:00	200	1	191	5	2	1
19:00	111	0	108	3	0	0
20:00	48	0	47	1	0	0
21:00	35	0	35	0	0	0
22:00	35	1	33	1	0	0
23:00	15	0	14	0	0	1
Total						
12H(7-19)	4341	13	3974	246	92	16
16H(6-22)	4651	13	4272	256	94	16
18H(6-24)	4701	14	4319	257	94	17
24H(0-24)	4737	15	4352	259	94	17
AM Peak	07:00 420	11:00 1	07:00 393	10:00 21	09:00 14	11:00 2
PM Peak	15:00 506	13:00 4	15:00 466	14:00 34	13:00 11	14:00 4



A4095 Oxford Road, Kirtlington ATC

Site No. 6092

Site Ref. 609201

Classification Report

21 Jan 2023

Channel: Northbound

	Total Volume	Bin 1 M/Cycle	Bin 2 Car/IVan	Bin 3 LGV	Bin 4 HGV	Bin 5 Bus
00:00	4	1	3	0	0	0
01:00	3	1	2	0	0	0
02:00	2	0	2	0	0	0
03:00	1	0	1	0	0	0
04:00	1	0	1	0	0	0
05:00	5	0	5	0	0	0
06:00	11	0	8	3	0	0
07:00	30	0	29	1	0	0
08:00	53	0	50	2	0	1
09:00	91	0	90	1	0	0
10:00	116	0	109	6	1	0
11:00	152	0	145	5	1	1
12:00	144	0	141	3	0	0
13:00	124	0	120	2	2	0
14:00	128	0	126	2	0	0
15:00	135	3	131	1	0	0
16:00	122	0	117	4	1	0
17:00	86	0	82	3	1	0
18:00	48	0	48	0	0	0
19:00	28	0	24	4	0	0
20:00	20	0	19	1	0	0
21:00	7	2	4	1	0	0
22:00	9	0	8	1	0	0
23:00	13	0	13	0	0	0
Total						
12H(7-19)	1229	3	1188	30	6	2
16H(6-22)	1295	5	1243	39	6	2
18H(6-24)	1317	5	1264	40	6	2
24H(0-24)	1333	7	1278	40	6	2
AM Peak	11:00 152	01:00 1	11:00 145	10:00 6	11:00 1	11:00 1
PM Peak	12:00 144	15:00 3	12:00 141	19:00 4	13:00 2	23:00 0

Site No. 6092

Site Ref. 609201

Classification Report

21 Jan 2023

Channel: Southbound

	Total Volume	Bin 1 M/Cycle	Bin 2 Car/IVan	Bin 3 LGV	Bin 4 HGV	Bin 5 Bus
00:00	3	0	3	0	0	0
01:00	3	0	2	0	1	0
02:00	2	0	2	0	0	0
03:00	2	0	2	0	0	0
04:00	1	0	0	0	1	0
05:00	4	0	4	0	0	0
06:00	11	0	11	0	0	0
07:00	60	0	58	2	0	0
08:00	64	0	60	4	0	0
09:00	94	0	91	1	2	0
10:00	125	0	118	6	1	0
11:00	156	0	152	4	0	0
12:00	144	1	138	4	1	0
13:00	151	0	145	4	1	1
14:00	105	1	101	3	0	0
15:00	109	0	103	4	2	0
16:00	84	0	80	3	1	0
17:00	68	0	64	4	0	0
18:00	60	0	56	3	1	0
19:00	34	0	32	1	1	0
20:00	29	0	28	1	0	0
21:00	19	0	19	0	0	0
22:00	6	0	6	0	0	0
23:00	13	0	13	0	0	0
Total						
12H(7-19)	1220	2	1166	42	9	1
16H(6-22)	1313	2	1256	44	10	1
18H(6-24)	1332	2	1275	44	10	1
24H(0-24)	1347	2	1288	44	12	1
AM Peak	11:00 156	11:00 0	11:00 152	10:00 6	09:00 2	11:00 0
PM Peak	13:00 151	14:00 1	13:00 145	17:00 4	15:00 2	13:00 1

Site No. 6092

Site Ref. 609201

Classification Report

21 Jan 2023

Channel: Total Flow

	Total Volume	Bin 1 M/Cycle	Bin 2 Car/IVan	Bin 3 LGV	Bin 4 HGV	Bin 5 Bus
00:00	7	1	6	0	0	0
01:00	6	1	4	0	1	0
02:00	4	0	4	0	0	0
03:00	3	0	3	0	0	0
04:00	2	0	1	0	1	0
05:00	9	0	9	0	0	0
06:00	22	0	19	3	0	0
07:00	90	0	87	3	0	0
08:00	117	0	110	6	0	1
09:00	185	0	181	2	2	0
10:00	241	0	227	12	2	0
11:00	308	0	297	9	1	1
12:00	288	1	279	7	1	0
13:00	275	0	265	6	3	1
14:00	233	1	227	5	0	0
15:00	244	3	234	5	2	0
16:00	206	0	197	7	2	0
17:00	154	0	146	7	1	0
18:00	108	0	104	3	1	0
19:00	62	0	56	5	1	0
20:00	49	0	47	2	0	0
21:00	26	2	23	1	0	0
22:00	15	0	14	1	0	0
23:00	26	0	26	0	0	0
Total						
12H(7-19)	2449	5	2354	72	15	3
16H(6-22)	2608	7	2499	83	16	3
18H(6-24)	2649	7	2539	84	16	3
24H(0-24)	2680	9	2566	84	18	3
AM Peak	11:00 308	01:00 1	11:00 297	10:00 12	10:00 2	11:00 1
PM Peak	12:00 288	15:00 3	12:00 279	17:00 7	13:00 3	13:00 1



A4095 Oxford Road, Kirtlington ATC

Site No. 6092

Site Ref. 609201

Classification Report

22 Jan 2023

Channel: Northbound

	Total Volume	Bin 1 M/Cycle	Bin 2 Car/Van	Bin 3 LGV	Bin 4 HGV	Bin 5 Bus
00:00	5	0	4	1	0	0
01:00	2	0	2	0	0	0
02:00	2	0	2	0	0	0
03:00	0	0	0	0	0	0
04:00	1	0	1	0	0	0
05:00	2	0	2	0	0	0
06:00	4	0	4	0	0	0
07:00	10	0	9	1	0	0
08:00	24	0	23	1	0	0
09:00	59	1	55	2	1	0
10:00	94	1	88	4	1	0
11:00	102	0	100	1	1	0
12:00	118	0	116	1	1	0
13:00	131	1	125	5	0	0
14:00	142	0	142	0	0	0
15:00	131	0	131	0	0	0
16:00	139	1	136	2	0	0
17:00	85	0	84	1	0	0
18:00	40	1	38	1	0	0
19:00	26	0	25	1	0	0
20:00	20	0	17	3	0	0
21:00	8	0	6	2	0	0
22:00	5	1	4	0	0	0
23:00	8	0	8	0	0	0
Total						
12H(7-19)	1075	5	1047	19	4	0
16H(6-22)	1133	5	1099	25	4	0
18H(6-24)	1146	6	1111	25	4	0
24H(0-24)	1158	6	1122	26	4	0
AM Peak	11:00 102	10:00 1	11:00 100	10:00 4	11:00 1	11:00 0
PM Peak	14:00 142	22:00 1	14:00 142	13:00 5	12:00 1	23:00 0

Site No. 6092

Site Ref. 609201

Classification Report

22 Jan 2023

Channel: Southbound

	Total Volume	Bin 1 M/Cycle	Bin 2 Car/Ivan	Bin 3 LGV	Bin 4 HGV	Bin 5 Bus
00:00	8	0	8	0	0	0
01:00	0	0	0	0	0	0
02:00	2	0	2	0	0	0
03:00	0	0	0	0	0	0
04:00	1	0	1	0	0	0
05:00	3	0	3	0	0	0
06:00	6	0	6	0	0	0
07:00	17	0	16	1	0	0
08:00	37	0	35	2	0	0
09:00	68	1	64	1	2	0
10:00	106	0	102	4	0	0
11:00	120	0	113	7	0	0
12:00	127	0	125	2	0	0
13:00	119	0	112	6	1	0
14:00	108	0	104	4	0	0
15:00	120	0	115	5	0	0
16:00	99	1	94	3	1	0
17:00	66	0	64	2	0	0
18:00	53	0	48	4	1	0
19:00	36	0	36	0	0	0
20:00	22	0	21	1	0	0
21:00	16	0	16	0	0	0
22:00	7	0	7	0	0	0
23:00	4	0	4	0	0	0
Total						
12H(7-19)	1040	2	992	41	5	0
16H(6-22)	1120	2	1071	42	5	0
18H(6-24)	1131	2	1082	42	5	0
24H(0-24)	1145	2	1096	42	5	0
AM Peak	11:00 120	09:00 1	11:00 113	11:00 7	09:00 2	11:00 0
PM Peak	12:00 127	16:00 1	12:00 125	13:00 6	18:00 1	23:00 0

Site No. 6092

Site Ref. 609201

Classification Report

22 Jan 2023

Channel: Total Flow

	Total Volume	Bin 1 M/Cycle	Bin 2 Car/IVan	Bin 3 LGV	Bin 4 HGV	Bin 5 Bus
00:00	13	0	12	1	0	0
01:00	2	0	2	0	0	0
02:00	4	0	4	0	0	0
03:00	0	0	0	0	0	0
04:00	2	0	2	0	0	0
05:00	5	0	5	0	0	0
06:00	10	0	10	0	0	0
07:00	27	0	25	2	0	0
08:00	61	0	58	3	0	0
09:00	127	2	119	3	3	0
10:00	200	1	190	8	1	0
11:00	222	0	213	8	1	0
12:00	245	0	241	3	1	0
13:00	250	1	237	11	1	0
14:00	250	0	246	4	0	0
15:00	251	0	246	5	0	0
16:00	238	2	230	5	1	0
17:00	151	0	148	3	0	0
18:00	93	1	86	5	1	0
19:00	62	0	61	1	0	0
20:00	42	0	38	4	0	0
21:00	24	0	22	2	0	0
22:00	12	1	11	0	0	0
23:00	12	0	12	0	0	0
Total						
12H(7-19)	2115	7	2039	60	9	0
16H(6-22)	2253	7	2170	67	9	0
18H(6-24)	2277	8	2193	67	9	0
24H(0-24)	2303	8	2218	68	9	0
AM Peak	11:00	09:00	11:00	11:00	09:00	11:00
	222	2	213	8	3	0
PM Peak	15:00	16:00	15:00	13:00	18:00	23:00
	251	2	246	11	1	0



A4095 Oxford Road, Kirtlington ATC

Site No. 6092

Site Ref. 609201

Classification Report

23 Jan 2023

Channel: Northbound

	Total Volume	Bin 1 M/Cycle	Bin 2 Car/Van	Bin 3 LGV	Bin 4 HGV	Bin 5 Bus
00:00	2	0	2	0	0	0
01:00	0	0	0	0	0	0
02:00	0	0	0	0	0	0
03:00	0	0	0	0	0	0
04:00	1	0	1	0	0	0
05:00	10	0	10	0	0	0
06:00	49	0	42	4	3	0
07:00	176	0	163	9	4	0
08:00	230	0	212	7	11	0
09:00	129	0	113	10	6	0
10:00	100	0	91	6	3	0
11:00	124	0	108	11	5	0
12:00	117	0	101	10	5	1
13:00	116	0	107	5	4	0
14:00	149	2	130	11	6	0
15:00	218	0	193	17	7	1
16:00	298	1	284	10	3	0
17:00	305	1	299	4	1	0
18:00	111	0	111	0	0	0
19:00	33	0	30	3	0	0
20:00	25	0	25	0	0	0
21:00	14	0	12	2	0	0
22:00	8	1	7	0	0	0
23:00	4	1	3	0	0	0
Total						
12H(7-19)	2073	4	1912	100	55	2
16H(6-22)	2194	4	2021	109	58	2
18H(6-24)	2206	6	2031	109	58	2
24H(0-24)	2219	6	2044	109	58	2
AM Peak	08:00 230	11:00 0	08:00 212	11:00 11	08:00 11	11:00 0
PM Peak	17:00 305	14:00 2	17:00 299	15:00 17	15:00 7	15:00 1

Site No. 6092

Site Ref. 609201

Classification Report

23 Jan 2023

Channel: Southbound

	Total Volume	Bin 1 M/Cycle	Bin 2 Car/IVan	Bin 3 LGV	Bin 4 HGV	Bin 5 Bus
00:00	3	0	3	0	0	0
01:00	1	0	1	0	0	0
02:00	1	0	1	0	0	0
03:00	2	0	2	0	0	0
04:00	1	0	1	0	0	0
05:00	15	0	12	1	1	1
06:00	85	0	77	5	2	1
07:00	322	1	298	18	4	1
08:00	253	0	232	12	9	0
09:00	201	0	180	11	8	2
10:00	121	1	105	10	5	0
11:00	104	0	89	9	6	0
12:00	86	0	76	5	5	0
13:00	129	1	115	7	6	0
14:00	129	0	117	5	7	0
15:00	112	0	102	8	1	1
16:00	189	0	174	11	4	0
17:00	169	0	161	7	1	0
18:00	118	0	118	0	0	0
19:00	52	0	51	1	0	0
20:00	29	0	28	1	0	0
21:00	16	0	15	1	0	0
22:00	11	0	11	0	0	0
23:00	2	0	1	0	0	1
Total						
12H(7-19)	1933	3	1767	103	56	4
16H(6-22)	2115	3	1938	111	58	5
18H(6-24)	2128	3	1950	111	58	6
24H(0-24)	2151	3	1970	112	59	7
AM Peak	07:00 322	10:00 1	07:00 298	07:00 18	08:00 9	09:00 2
PM Peak	16:00 189	13:00 1	16:00 174	16:00 11	14:00 7	23:00 1

Site No. 6092

Site Ref. 609201

Classification Report

23 Jan 2023

Channel: Total Flow

	Total Volume	Bin 1 M/Cycle	Bin 2 Car/IVan	Bin 3 LGV	Bin 4 HGV	Bin 5 Bus
00:00	5	0	5	0	0	0
01:00	1	0	1	0	0	0
02:00	1	0	1	0	0	0
03:00	2	0	2	0	0	0
04:00	2	0	2	0	0	0
05:00	25	0	22	1	1	1
06:00	134	0	119	9	5	1
07:00	498	1	461	27	8	1
08:00	483	0	444	19	20	0
09:00	330	0	293	21	14	2
10:00	221	1	196	16	8	0
11:00	228	0	197	20	11	0
12:00	203	0	177	15	10	1
13:00	245	1	222	12	10	0
14:00	278	2	247	16	13	0
15:00	330	0	295	25	8	2
16:00	487	1	458	21	7	0
17:00	474	1	460	11	2	0
18:00	229	0	229	0	0	0
19:00	85	0	81	4	0	0
20:00	54	0	53	1	0	0
21:00	30	0	27	3	0	0
22:00	19	1	18	0	0	0
23:00	6	1	4	0	0	1
Total						
12H(7-19)	4006	7	3679	203	111	6
16H(6-22)	4309	7	3959	220	116	7
18H(6-24)	4334	9	3981	220	116	8
24H(0-24)	4370	9	4014	221	117	9
AM Peak	07:00 498	10:00 1	07:00 461	07:00 27	08:00 20	09:00 2
PM Peak	16:00 487	14:00 2	17:00 460	15:00 25	14:00 13	15:00 2

Speed Report (Speed Limit 50 Mph)

18 Jan 2023

Channel: Northbound

Time	Total Volume	85th Percentile	Mean Average	Standard Deviation	Speed Bins																
					Bin 1 <10Mph	Bin 2 10-15	Bin 3 15-20	Bin 4 20-25	Bin 5 25-30	Bin 6 30-35	Bin 7 35-40	Bin 8 40-45	Bin 9 45-50	Bin 10 50-55	Bin 11 55-60	Bin 12 60-65	Bin 13 >65				
00:00	2	27			0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	
01:00	3	31			0	0	0	0	0	2	0	1	0	0	0	0	0	0	0	0	
02:00	1	22			0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	
03:00	0				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
04:00	0				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
05:00	6	32			0	0	0	0	2	3	1	0	0	0	0	0	0	0	0	0	
06:00	59	33	29	4	0	0	1	4	33	18	2	1	0	0	0	0	0	0	0	0	
07:00	177	33	27	5	1	0	6	41	78	48	3	0	0	0	0	0	0	0	0	0	
08:00	235	33	28	5	0	0	2	42	119	67	5	0	0	0	0	0	0	0	0	0	
09:00	137	32	28	4	0	2	0	20	80	32	2	1	0	0	0	0	0	0	0	0	
10:00	115	33	28	5	0	1	3	16	58	35	2	0	0	0	0	0	0	0	0	0	
11:00	128	32	28	5	0	1	3	26	66	29	2	0	1	0	0	0	0	0	0	0	
12:00	140	32	28	4	0	0	1	16	84	36	2	1	0	0	0	0	0	0	0	0	
13:00	154	33	29	5	0	0	7	12	85	44	5	1	0	0	0	0	0	0	0	0	
14:00	171	33	29	5	0	0	0	31	74	61	4	1	0	0	0	0	0	0	0	0	
15:00	242	33	28	5	0	9	5	30	105	85	8	0	0	0	0	0	0	0	0	0	
16:00	332	33	28	5	1	0	4	67	162	92	6	0	0	0	0	0	0	0	0	0	
17:00	285	31	27	4	0	0	13	64	155	49	4	0	0	0	0	0	0	0	0	0	
18:00	129	33	28	5	0	1	4	27	50	41	5	1	0	0	0	0	0	0	0	0	
19:00	46	33	29	5	0	0	0	10	18	15	3	0	0	0	0	0	0	0	0	0	
20:00	24	34	30	4	0	0	1	3	8	9	2	1	0	0	0	0	0	0	0	0	
21:00	20	34	31	3	0	0	0	2	4	14	0	0	0	0	0	0	0	0	0	0	
22:00	13	32	27	5	1	0	0	1	6	5	0	0	0	0	0	0	0	0	0	0	
23:00	3	33			0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	
Total																					
12H(7-19)	2245	33	28	5	2	14	48	392	1116	619	48	5	1	0	0	0	0	0	0	0	
16H(6-22)	2394	33	28	5	2	14	50	411	1179	675	55	7	1	0	0	0	0	0	0	0	
18H(5-24)	2410	33	28	5	3	14	50	412	1186	681	56	7	1	0	0	0	0	0	0	0	
24H(0-24)	2422	33	28	5	3	15	50	413	1190	684	58	8	1	0	0	0	0	0	0	0	
AM Peak																					
08:00	06:00	05:00	07:00	07:00	09:00	07:00	08:00	08:00	08:00	08:00	09:00	11:00	-	-	-	-	-	-	-	-	-
235	33	32	5	1	2	6	42	119	67	5	1	1	0	0	0	0	0	0	0	0	
PM Peak																					
16:00	20:00	23:00	18:00	22:00	15:00	17:00	16:00	16:00	16:00	16:00	20:00	-	-	-	-	-	-	-	-	-	-
322	34	33	5	1	9	13	67	162	92	8	1	0	0	0	0	0	0	0	0	0	

PCC Traffic Information Consultancy Ltd.

Speed Report (Speed Limit 50 Mph)

18 Jan 2023

Channel: Southbound

Time	Total Volume	85th Percentile	Mean Average	Standard Deviation	Speed Bins																	
					Bin 1 <10Mph	Bin 2 10-15	Bin 3 15-20	Bin 4 20-25	Bin 5 25-30	Bin 6 30-35	Bin 7 35-40	Bin 8 40-45	Bin 9 45-50	Bin 10 50-55	Bin 11 55-60	Bin 12 60-65	Bin 13 >65					
00:00	2	27			0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	
01:00	1				0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	
02:00	2	33			0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	
03:00	0				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
04:00	2	20			0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	
05:00	14	35	31	4	0	1	0	1	2	7	2	1	0	0	0	0	0	0	0	0	0	
06:00	76	34	30	4	0	1	6	28	25	4	1	0	0	0	0	0	0	0	0	0	0	
07:00	303	33	29	4	0	0	0	17	172	101	12	1	0	0	0	0	0	0	0	0	0	
08:00	249	34	29	4	0	0	0	20	127	91	9	0	1	0	1	0	1	0	0	0	0	
09:00	181	34	30	4	0	1	0	24	61	83	10	0	0	1	0	1	0	1	0	0	0	
10:00	140	34	29	4	0	1	0	10	76	45	7	0	0	1	0	0	0	0	0	0	0	
11:00	104	34	29	4	0	0	0	16	48	32	6	1	0	1	0	0	0	0	0	0	0	
12:00	118	34	30	4	0	1	1	10	48	47	10	0	1	0	0	0	0	0	0	0	0	
13:00	110	34	30	4	0	0	2	7	55	38	7	0	0	0	0	0	0	0	0	1	1	
14:00	157	33	29	4	0	0	0	12	91	48	4	1	0	1	0	0	0	0	0	0	0	
15:00	159	34	29	4	0	4	1	9	82	56	5	2	0	0	0	0	0	0	0	0	0	
16:00	207	33	28	5	0	0	7	37	85	75	3	0	0	0	0	0	0	0	0	0	0	
17:00	191	34	29	4	0	0	5	18	94	64	8	2	0	0	0	0	0	0	0	0	0	
18:00	125	35	31	4	0	0	0	3	50	55	13	3	1	0	0	0	0	0	0	0	0	
19:00	60	35	31	4	0	0	0	1	22	28	9	0	0	0	0	0	0	0	0	0	0	
20:00	27	35	30	4	0	0	0	4	10	9	2	2	0	0	0	0	0	0	0	0	0	
21:00	20	35	31	4	0	0	0	1	8	7	3	1	0	0	0	0	0	0	0	0	0	
22:00	13	33	30	3	0	0	0	1	6	5	1	0	0	0	0	0	0	0	0	0	0	
23:00	6	31			0	0	0	0	2	4	0	0	0	0	0	0	0	0	0	0	0	
Total																						
12H(7-19)	2044	34	29	4	0	7	16	183	989	735	94	10	3	4	1	1	1	1	1	1	1	
16H(6-22)	2227	34	29	4	0	8	17	195	1057	814	112	14	3	4	1	1	1	1	1	1	1	
18H(5-24)	2246	34	29	4	0	8	17	196	1065	823	113	14	3	4	1	1	1	1	1	1	1	
24H(0-24)	2267	34	29	4	0	10	17	198	1069	833	115	15	3	4	1	1	1	1	1	1	1	
AM Peak																						
07:00	05:00	02:00	11:00	-	10:00	06:00	09:00	07:00	07:00	07:00	11:00	08:00	11:00	08:00	09:00	-	-	-	-	-	-	
303	35	33	4	0	1	1	24	172	101	12	1	1	1	1	1	1	1	1	1	1	1	
PM Peak																						
16:00	21:00	19:00	16:00	-	15:00	16:00	17:00	16:00	17:00	18:00	18:00	18:00	14:00	-	-	-	-	-	-	-	-	
207	35	31	5	0	4	7	37	94	75	13	3	1	1	0	0	0	0	0	0	13:00	1	

PCC Traffic Information Consultancy Ltd.

Speed Report (Speed Limit 50 Mph)

18 Jan 2023

Channel: Total Flow

Time	Total Volume	85th Percentile	Mean Average	Standard Deviation	Speed Bins																	
					Bin 1 <10Mph	Bin 2 10-15	Bin 3 15-20	Bin 4 20-25	Bin 5 25-30	Bin 6 30-35	Bin 7 35-40	Bin 8 40-45	Bin 9 45-50	Bin 10 50-55	Bin 11 55-60	Bin 12 60-65	Bin 13 >65					
00:00	4	27			0	1	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0
01:00	4	30			0	0	0	0	3	0	1	0	0	0	0	0	0	0	0	0	0	0
02:00	3	29			0	0	0	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0				0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	2	20			0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00	20	35	31	4																		

Speed Report (Speed Limit 50 Mph) 19 Jan 2023 Channel: Northbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10Mph	Bin 2 10-15	Bin 3 15-20	Bin 4 20-25	Bin 5 25-30	Bin 6 30-35	Bin 7 35-40	Bin 8 40-45	Bin 9 45-50	Bin 10 50-55	Bin 11 55-60	Bin 12 60-65	Bin 13 >65
00:00	4	25			0	1	0	0	2	1	0	0	0	0	0	0	0
01:00	5	28			0	0	0	0	4	1	0	0	0	0	0	0	0
02:00	0				0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	1	32			0	0	0	0	0	1	0	0	0	0	0	0	0
04:00	1	32			0	0	0	0	0	1	0	0	0	0	0	0	0
05:00	10	33	29	4	1	0	0	0	2	7	0	0	0	0	0	0	0
06:00	53	31	28	3	0	0	0	8	35	9	1	0	0	0	0	0	0
07:00	173	32	28	4	0	0	1	31	96	44	1	0	0	0	0	0	0
08:00	238	32	27	5	0	3	8	58	116	50	3	0	0	0	0	0	0
09:00	130	32	28	5	1	0	5	20	70	33	1	0	0	0	0	0	0
10:00	112	32	27	5	0	0	2	34	51	22	3	0	0	0	0	0	0
11:00	148	32	28	4	0	0	0	22	87	34	5	0	0	0	0	0	0
12:00	120	33	29	4	0	0	3	12	57	33	5	0	0	0	0	0	0
13:00	134	33	28	5	0	2	0	20	69	35	8	0	0	0	0	0	0
14:00	186	33	28	5	0	1	3	37	79	58	8	0	0	0	0	0	0
15:00	244	33	28	5	1	1	3	40	116	75	8	0	0	0	0	0	0
16:00	367	33	28	5	1	0	4	63	189	104	6	0	0	0	0	0	0
17:00	301	32	28	4	0	0	7	54	167	70	3	0	0	0	0	0	0
18:00	160	32	28	4	0	0	4	25	93	36	2	0	0	0	0	0	0
19:00	60	33	28	5	0	0	0	14	28	15	3	0	0	0	0	0	0
20:00	33	32	28	4	0	0	1	5	18	9	0	0	0	0	0	0	0
21:00	26	31	28	4	0	0	1	4	15	6	0	0	0	0	0	0	0
22:00	15	32	29	3	0	0	0	1	8	6	0	0	0	0	0	0	0
23:00	3		31		0	0	0	0	1	2	0	0	0	0	0	0	0
Total																	
12H(7-19)	2313	33	28	5	3	7	40	416	1200	594	53	0	0	0	0	0	0
16H(6-22)	2485	33	28	5	3	7	42	447	1296	633	57	0	0	0	0	0	0
18H(6-24)	2503	33	28	5	3	7	42	448	1305	641	57	0	0	0	0	0	0
24H(0-24)	2524	33	28	5	4	8	42	448	1313	652	57	0	0	0	0	0	0
AM Peak	08:00	05:00	04:00	08:00	09:00	08:00	08:00	08:00	08:00	08:00	11:00	-	-	-	-	-	-
	238	33	32	5	1	3	8	58	116	50	5	0	0	0	0	0	0
PM Peak	16:00	14:00	23:00	14:00	16:00	13:00	17:00	16:00	16:00	16:00	15:00	-	-	-	-	-	-
	367	33	31	5	1	2	7	63	189	104	8	0	0	0	0	0	0

PCC Traffic Information Consultancy Ltd.

Speed Report (Speed Limit 50 Mph) 19 Jan 2023 Channel: Southbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10Mph	Bin 2 10-15	Bin 3 15-20	Bin 4 20-25	Bin 5 25-30	Bin 6 30-35	Bin 7 35-40	Bin 8 40-45	Bin 9 45-50	Bin 10 50-55	Bin 11 55-60	Bin 12 60-65	Bin 13 >65
00:00	0				0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	1	22			0	0	0	1	0	0	0	0	0	0	0	0	0
02:00	1	28			0	0	0	0	1	0	0	0	0	0	0	0	0
03:00	3	34			0	0	0	0	1	1	0	1	0	0	0	0	0
04:00	3	24			0	1	0	0	1	1	0	0	0	0	0	0	0
05:00	14	34	31	3	0	0	0	1	4	8	0	1	0	0	0	0	0
06:00	78	35	31	3	0	0	0	3	21	46	6	0	0	0	0	0	0
07:00	302	34	29	4	0	1	1	15	162	108	14	1	0	0	0	0	0
08:00	286	34	30	4	0	2	0	17	144	107	14	1	0	0	0	0	1
09:00	191	33	29	4	0	0	3	22	99	56	9	0	0	1	0	1	0
10:00	111	34	29	5	0	1	2	18	47	33	6	4	0	0	0	0	0
11:00	96	34	29	5	0	0	1	8	50	27	9	1	0	0	0	0	0
12:00	130	33	29	4	0	1	0	21	59	42	4	2	0	0	0	0	0
13:00	115	34	29	4	0	0	2	9	57	42	5	0	0	0	0	0	0
14:00	142	33	29	4	0	1	2	10	85	37	6	1	0	0	0	0	0
15:00	135	33	29	4	0	1	0	16	74	37	6	1	0	0	0	0	0
16:00	195	33	29	4	0	1	0	19	105	61	7	1	1	0	0	0	0
17:00	160	34	29	4	0	0	0	13	83	54	10	0	0	0	0	0	0
18:00	133	34	30	4	0	0	1	10	56	56	10	0	0	0	0	0	0
19:00	61	34	30	4	0	0	0	6	27	23	5	0	0	0	0	0	0
20:00	30	33	30	4	0	0	0	2	14	13	1	0	0	0	0	0	0
21:00	21	34	31	3	0	0	0	1	7	12	1	0	0	0	0	0	0
22:00	9	28			0	0	0	2	4	3	0	0	0	0	0	0	0
23:00	5				0	0	0	1	2	1	1	0	0	0	0	0	0
Total																	
12H(7-19)	1996	34	29	4	0	8	12	178	1021	660	100	12	1	1	0	1	2
16H(6-22)	2186	34	29	4	0	8	12	190	1090	754	113	14	1	1	0	1	2
18H(6-24)	2200	34	29	4	0	8	12	193	1096	758	114	14	1	1	0	1	2
24H(0-24)	2222	34	29	4	0	9	12	195	1103	768	114	16	1	1	0	1	2
AM Peak	07:00	06:00	03:00	10:00	-	08:00	09:00	09:00	07:00	07:00	08:00	10:00	-	09:00	-	09:00	08:00
	302	35	34	5	0	2	3	22	162	108	14	4	0	1	0	1	1
PM Peak	16:00	18:00	21:00	15:00	-	16:00	14:00	12:00	16:00	16:00	18:00	12:00	16:00	-	-	-	12:00
	195	34	31	4	0	1	2	21	105	61	10	2	1	0	0	0	1

PCC Traffic Information Consultancy Ltd.

Speed Report (Speed Limit 50 Mph) 19 Jan 2023 Channel: Total Flow

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10Mph	Bin 2 10-15	Bin 3 15-20	Bin 4 20-25	Bin 5 25-30	Bin 6 30-35	Bin 7 35-40	Bin 8 40-45	Bin 9 45-50	Bin 10 50-55	Bin 11 55-60	Bin 12 60-65	Bin 13 >65
00:00	4	25			0	1	0	0	2	1	0	0	0	0	0	0	0
01:00	6	27			0	0	0	1	4	1	0	0	0	0	0	0	0
02:00	1	28			0	0	0	0	1	0	0	0	0	0	0	0	0
03:00	4	34			0	0	0	0	1	2	0	1	0	0	0	0	0
04:00	4	26			0	1	0	0	1	2	0	0	0	0	0	0	0
05:00	24	34	30	4	1	0	0	1	6	15	0	1	0	0	0	0	0
06:00	131	34	30	4	0	0	0	11	56	55	7	2	0	0	0	0	0
07:00	475	33	29	4	0	1	2	46	258	152	15	1	0	0	0	0	0
08:00	524	33	28	5	0	5	8	75	260	157	17	1	0	0	0	0	1
09:00	321	33	28	5	1	0	8	42	169	89	10	0	0	1	0	1	0
10:00	223	33	28	5	0	1	4	52	98	55	9	4	0	0	0	0	0
11:00	244	33	29	4	0	0	1	30	137	61	14	1	0	0	0	0	0
12:00	250	33	29	5	0	1	3	33	126	75	9	2	0	0	0	0	0
13:00	249	33	29	5	0	2	2	29	126	77	13	0	0	0	0	0	0
14:00	328	33	28	5	0	2	5	47	164	95	14	1	0	0	0	0	0
15:00	379	33	28	5	1	2	3	56	190	112	14	1	0	0	0	0	0
16:00	562	33	28	5	1	1	4	82	294	165	13	1	1	0	0	0	0
17:00	461	33	28	4	0	0	7	67	250	124	13	0	0	0	0	0	0
18:00	293	33	29	5	0	0	5	35	149	92	12	0	0	0	0	0	0
19:00	121	34	29	5	0	0	0	20	55	38	8	0	0	0	0	0	0
20:00	63	33	29	4	0	0	1	7	32	22	1	0	0	0	0	0	0
21:00	47	33	29	4	0	0	1	5	22	18	1	0	0	0	0	0	0
22:00	24	33	29	4	0	0	0	3	12	9	0	0	0	0	0	0	0
23:00	8		30		0	0	0	1	3	3	1	0	0				

Speed Report (Speed Limit 50 Mph)

21 Jan 2023

Channel: Northbound

Time	Total Volume	85th Percentile	Mean Average	Standard Deviation	Speed Bin																	
					<10Mph	10-15	15-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60-65	>65					
00:00	4	25			0	1	0	0	2	1	0	0	0	0	0	0	0	0	0	0		
01:00	3	24			0	0	1	0	2	0	0	0	0	0	0	0	0	0	0	0		
02:00	2	30			0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0		
03:00	1	32			0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0		
04:00	1	32			0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0		
05:00	5	35			0	0	0	0	0	3	2	0	0	0	0	0	0	0	0	0		
06:00	11	32	29	4	0	0	1	1	5	3	2	0	0	0	0	0	0	0	0	0		
07:00	30	33	29	4	0	0	0	3	18	7	2	0	0	0	0	0	0	0	0	0		
08:00	53	33	29	4	0	0	2	1	27	22	0	1	0	0	0	0	0	0	0	0		
09:00	91	34	29	5	1	1	0	14	37	34	3	1	0	0	0	0	0	0	0	0		
10:00	116	34	29	5	0	0	5	11	47	45	8	0	0	0	0	0	0	0	0	0		
11:00	152	34	29	5	0	0	1	26	71	41	13	0	0	0	0	0	0	0	0	0		
12:00	144	34	30	4	0	0	0	10	72	55	7	0	0	0	0	0	0	0	0	0		
13:00	124	34	30	4	0	0	0	9	50	53	11	1	0	0	0	0	0	0	0	0		
14:00	128	33	29	5	0	1	6	15	58	41	6	1	0	0	0	0	0	0	0	0		
15:00	135	34	30	4	0	1	2	7	56	59	8	2	0	0	0	0	0	0	0	0		
16:00	122	31	27	4	0	0	7	16	74	24	1	0	0	0	0	0	0	0	0	0		
17:00	86	31	27	4	0	0	0	26	42	17	1	0	0	0	0	0	0	0	0	0		
18:00	48	31	28	4	0	0	0	9	28	10	1	0	0	0	0	0	0	0	0	0		
19:00	28	29	27	3	0	0	2	5	18	2	1	0	0	0	0	0	0	0	0	0		
20:00	20	30	27	3	0	0	2	4	11	2	1	0	0	0	0	0	0	0	0	0		
21:00	7	27			0	0	0	1	5	1	0	0	0	0	0	0	0	0	0	0		
22:00	9	25			0	0	1	3	5	0	0	0	0	0	0	0	0	0	0	0		
23:00	13	29	26	3	0	0	1	2	9	1	0	0	0	0	0	0	0	0	0	0		
Total																						
12H(7-19)	1229	34	29	5	1	3	23	147	580	408	61	6	0	0	0	0	0	0	0	0		
16H(6-22)	1295	34	29	5	1	3	28	158	619	416	64	6	0	0	0	0	0	0	0	0		
18H(6-24)	1317	34	29	5	1	3	30	163	633	417	64	6	0	0	0	0	0	0	0	0		
24H(0-24)	1333	34	29	5	1	4	31	163	638	424	66	6	0	0	0	0	0	0	0	0	0	
AM Peak																						
11:00	10:00	05:00	09:00	09:00	09:00	11:00	11:00	11:00	10:00	11:00	09:00	-	-	-	-	-	-	-	-	-	-	
152	34	35	5	1	1	5	26	71	45	13	1	0	0	0	0	0	0	0	0	0	0	
PM Peak																						
12:00	13:00	13:00	14:00	-	15:00	16:00	17:00	16:00	15:00	13:00	15:00	-	-	-	-	-	-	-	-	-	-	
144	34	30	5	0	1	7	26	74	59	11	2	0	0	0	0	0	0	0	0	0	0	

PCC Traffic Information Consultancy Ltd.

Speed Report (Speed Limit 50 Mph)

21 Jan 2023

Channel: Southbound

Time	Total Volume	85th Percentile	Mean Average	Standard Deviation	Speed Bin																	
					<10Mph	10-15	15-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60-65	>65					
00:00	3	31			0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	
01:00	3	25			0	0	0	0	2	0	1	0	0	0	0	0	0	0	0	0	0	
02:00	2	25			0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	
03:00	2	27			0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	
04:00	1	28			0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	
05:00	4	36			0	0	0	0	0	2	1	1	0	0	0	0	0	0	0	0	0	
06:00	11	34	30	4	0	0	0	1	5	3	2	0	0	0	0	0	0	0	0	0	0	
07:00	60	33	29	4	0	0	0	6	32	19	3	0	0	0	0	0	0	0	0	0	0	
08:00	64	34	30	4	0	0	0	1	32	26	5	0	0	0	0	0	0	0	0	0	0	
09:00	94	34	29	5	0	3	1	14	36	36	4	0	0	0	0	0	0	0	0	0	0	
10:00	125	34	30	4	0	0	0	13	53	52	7	0	0	0	0	0	0	0	0	0	0	
11:00	156	34	29	5	0	3	4	12	71	60	6	0	0	0	0	0	0	0	0	0	0	
12:00	144	34	30	4	0	0	0	11	57	65	10	1	0	0	0	0	0	0	0	0	0	
13:00	151	34	29	4	0	1	0	11	77	56	5	1	0	0	0	0	0	0	0	0	0	
14:00	105	34	30	4	0	0	1	6	44	44	9	0	0	1	0	0	0	0	0	0	0	
15:00	109	34	30	4	0	1	0	7	50	41	10	0	0	0	0	0	0	0	0	0	0	
16:00	84	34	30	4	0	1	0	7	35	38	3	0	0	0	0	0	0	0	0	0	0	
17:00	68	33	29	4	1	0	1	6	33	24	1	2	0	0	0	0	0	0	0	0	0	
18:00	60	33	29	4	0	0	0	7	33	17	3	0	0	0	0	0	0	0	0	0	0	
19:00	34	34	29	5	0	0	0	8	12	10	3	0	0	1	0	0	0	0	0	0	0	
20:00	29	33	29	4	0	0	0	4	15	8	2	0	0	0	0	0	0	0	0	0	0	
21:00	19	33	28	5	0	0	2	3	6	7	1	0	0	0	0	0	0	0	0	0	0	
22:00	6	27			0	0	0	1	4	1	0	0	0	0	0	0	0	0	0	0	0	
23:00	13	29	27	3	0	0	0	4	7	2	0	0	0	0	0	0	0	0	0	0	0	
Total																						
12H(7-19)	1220	34	29	4	1	9	7	101	553	478	66	4	0	1	0	0	0	0	0	0	0	
16H(6-22)	1313	34	29	4	1	9	9	117	591	506	74	4	0	2	0	0	0	0	0	0	0	
18H(6-24)	1332	34	29	4	1	9	9	122	602	509	74	4	0	2	0	0	0	0	0	0	0	
24H(0-24)	1347	34	29	4	1	9	9	125	606	513	77	5	0	2	0	0	0	0	0	0	0	
AM Peak																						
11:00	08:00	05:00	09:00	-	11:00	11:00	09:00	11:00	11:00	10:00	05:00	-	-	-	-	-	-	-	-	-	-	
156	34	36	5	0	3	4	14	71	60	7	1	0	0	0	0	0	0	0	0	0	0	
PM Peak																						
13:00	14:00	14:00	21:00	17:00	16:00	21:00	13:00	13:00	12:00	15:00	17:00	-	-	19:00	-	-	-	-	-	-	-	
151	34	30	5	1	1	2	11	77	65	10	2	0	1	0	0	0	0	0	0	0	0	

PCC Traffic Information Consultancy Ltd.

Speed Report (Speed Limit 50 Mph)

21 Jan 2023

Channel: Total Flow

Time	Total Volume	85th Percentile	Mean Average	Standard Deviation	Speed Bin																
					<10Mph	10-15	15-20	20-25	25-30	30-35	35-40	40-45	45-50	50-55	55-60	60-65	>65				
00:00	7	27			0	1	0	1	2	2	1	0	0	0	0	0	0	0	0	0	0
01:00	6	28			0	0	1	0	4	0	1	0	0	0	0	0	0	0	0	0	0
02:00	4	27			0	0	0	1	2	1	0	0	0	0	0	0	0	0	0	0	0
03:00	3	29			0	0	0	1	0	2	0	0	0	0	0	0	0	0	0	0	0
04:00	2	30			0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0
05:00	9	35			0	0	0	0	0	5	3	1	0	0	0	0	0	0	0	0	0
06:00	22	34	29	5	0	0	1	2	10	6	3	0	0	0	0	0	0	0	0	0	0
07:00	60	33	29	4																	

Speed Report (Speed Limit 50 Mph)

22 Jan 2023

Channel: Northbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10Mph	Bin 2 10-15	Bin 3 15-20	Bin 4 20-25	Bin 5 25-30	Bin 6 30-35	Bin 7 35-40	Bin 8 40-45	Bin 9 45-50	Bin 10 50-55	Bin 11 55-60	Bin 12 60-65	Bin 13 65-70
00:00	5	27			0	0	0	1	3	1	0	0	0	0	0	0	0
01:00	2	25			0	0	0	0	0	2	0	0	0	0	0	0	0
02:00	2	25			0	0	0	1	0	0	0	0	0	0	0	0	0
03:00	0				0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	1	32			0	0	0	0	0	1	0	0	0	0	0	0	0
05:00	2	27			0	0	0	1	0	1	0	0	0	0	0	0	0
06:00	4	26			0	0	0	1	3	0	0	0	0	0	0	0	0
07:00	10	29	2		0	0	0	2	7	1	0	0	0	0	0	0	0
08:00	24	33	28	4	0	0	0	5	11	7	1	0	0	0	0	0	0
09:00	59	33	29	4	0	0	0	9	29	21	0	0	0	0	0	0	0
10:00	94	33	27	5	0	4	0	23	40	23	4	0	0	0	0	0	0
11:00	102	32	28	4	0	1	2	12	56	31	0	0	0	0	0	0	0
12:00	118	34	29	4	0	0	1	10	53	50	4	0	0	0	0	0	0
13:00	131	33	29	5	0	1	0	21	60	45	3	1	0	0	0	0	0
14:00	142	33	28	5	0	0	2	29	58	48	5	0	0	0	0	0	0
15:00	131	34	29	4	0	0	0	18	61	46	6	0	0	0	0	0	0
16:00	139	32	28	4	0	0	1	22	84	30	2	0	0	0	0	0	0
17:00	85	31	27	4	0	0	4	20	45	15	1	0	0	0	0	0	0
18:00	40	32	27	6	0	1	3	10	14	11	1	0	0	0	0	0	0
19:00	26	30	27	3	0	1	1	6	13	3	2	0	0	0	0	0	0
20:00	20	33	29	4	0	0	1	2	8	8	1	0	0	0	0	0	0
21:00	8	29			0	0	0	0	6	2	0	0	0	0	0	0	0
22:00	5	30			0	0	0	1	0	4	0	0	0	0	0	0	0
23:00	8	33			0	0	0	0	2	3	3	0	0	0	0	0	0
Total																	
12H(7-19)	1075	33	28	5	0	7	13	181	518	328	27	1	0	0	0	0	0
16H(6-22)	1133	33	28	5	0	8	15	190	548	341	30	1	0	0	0	0	0
18H(5-24)	1146	33	28	5	0	8	15	191	550	348	33	1	0	0	0	0	0
24H(0-24)	1158	33	28	5	0	8	15	194	554	353	33	1	0	0	0	0	0
AM Peak																	
11:00	09:00	01:00	10:00		-	10:00	11:00	10:00	11:00	11:00	10:00	-	-	-	-	-	-
102	33	33	5		0	4	2	23	56	31	4	0	0	0	0	0	0
PM Peak																	
14:00	12:00	23:00	18:00		-	19:00	17:00	14:00	16:00	12:00	13:00	-	-	-	-	-	-
142	34	33	6		0	1	4	29	84	50	6	1	0	0	0	0	0

PCC Traffic Information Consultancy Ltd.

Speed Report (Speed Limit 50 Mph)

22 Jan 2023

Channel: Southbound

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10Mph	Bin 2 10-15	Bin 3 15-20	Bin 4 20-25	Bin 5 25-30	Bin 6 30-35	Bin 7 35-40	Bin 8 40-45	Bin 9 45-50	Bin 10 50-55	Bin 11 55-60	Bin 12 60-65	Bin 13 65-70
00:00	8	23			0	0	2	4	2	0	0	0	0	0	0	0	0
01:00	0				0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	2	33			0	0	0	0	1	0	0	0	0	0	0	0	0
03:00	0				0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	1	28			0	0	0	0	1	0	0	0	0	0	0	0	0
05:00	3	33			0	0	0	0	1	1	1	0	0	0	0	0	0
06:00	6	30			0	0	0	0	4	1	1	0	0	0	0	0	0
07:00	17	33	4		0	0	0	2	8	7	0	0	0	0	0	0	0
08:00	37	33	30	4	0	0	0	1	22	12	1	1	0	0	0	0	0
09:00	68	34	30	4	0	0	1	2	35	27	3	0	0	0	0	0	0
10:00	106	34	30	4	0	1	1	4	51	45	4	0	0	0	0	0	0
11:00	120	33	29	5	0	0	5	14	57	40	4	0	0	0	0	0	0
12:00	127	34	30	4	0	0	0	5	72	44	5	1	0	0	0	0	0
13:00	119	34	30	4	0	0	0	8	50	51	10	0	0	0	0	0	0
14:00	108	35	30	5	1	0	1	9	45	38	14	0	0	0	0	0	0
15:00	120	34	30	4	0	1	0	4	56	52	6	1	0	0	0	0	0
16:00	99	34	30	4	0	0	0	5	49	40	4	1	0	0	0	0	0
17:00	66	33	29	4	0	0	1	3	42	18	2	0	0	0	0	0	0
18:00	53	33	29	4	0	0	0	4	30	16	2	1	0	0	0	0	0
19:00	36	34	29	4	0	0	0	6	16	11	3	0	0	0	0	0	0
20:00	22	34	30	4	0	0	1	1	8	11	1	0	0	0	0	0	0
21:00	16	34	30	4	0	0	0	2	5	7	2	0	0	0	0	0	0
22:00	7	29			0	0	0	1	4	1	1	0	0	0	0	0	0
23:00	4	30			0	0	0	0	3	0	1	0	0	0	0	0	0
Total																	
12H(7-19)	1040	34	30	4	1	2	9	61	517	390	55	5	0	0	0	0	0
16H(6-22)	1120	34	30	4	1	2	10	70	550	420	62	5	0	0	0	0	0
18H(5-24)	1131	34	30	4	1	2	10	71	557	421	64	5	0	0	0	0	0
24H(0-24)	1145	34	30	4	1	2	12	75	562	422	66	5	0	0	0	0	0
AM Peak																	
11:00	10:00	02:00	11:00		-	10:00	11:00	11:00	11:00	10:00	10:00	08:00	-	-	-	-	-
120	34	33	5		0	1	5	14	57	45	4	1	0	0	0	0	0
PM Peak																	
12:00	14:00	21:00	14:00		14:00	15:00	20:00	14:00	12:00	15:00	14:00	18:00	-	-	-	-	-
127	35	30	5		1	1	1	9	72	52	14	1	0	0	0	0	0

PCC Traffic Information Consultancy Ltd.

Speed Report (Speed Limit 50 Mph)

22 Jan 2023

Channel: Total Flow

	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10Mph	Bin 2 10-15	Bin 3 15-20	Bin 4 20-25	Bin 5 25-30	Bin 6 30-35	Bin 7 35-40	Bin 8 40-45	Bin 9 45-50	Bin 10 50-55	Bin 11 55-60	Bin 12 60-65	Bin 13 65-70
00:00	13	28	24	4	0	0	2	5	5	1	0	0	0	0	0	0	0
01:00	2	33			0	0	0	0	2	0	0	0	0	0	0	0	0
02:00	4	29			0	0	0	1	2	0	1	0	0	0	0	0	0
03:00	0				0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	2	30			0	0	0	0	1	1	0	0	0	0	0	0	0
05:00	5	31			0	0	0	1	1	2	1	0	0	0	0	0	0
06:00	10	30	28	1	0	0	0	1	7	1	1	0	0	0	0	0	0
07:00	27	32	28	4	0	0	0	4	15	8	0	0	0	0	0	0	0
08:00	61	33	29	4	0	0	0	6	33	19	2	1	0	0	0	0	0
09:00	127	33	29	4	0	0	1	11	64	48	3	0	0	0	0	0	0
10:00	200	33	29	5	0	5	1	27	91	68	8	0	0	0	0	0	0
11:00	222	33	28	5	0	1	7	26	113	71	4	0	0	0	0	0	0
12:00	245	34	30	4	0	0	1	15	125	94	9	1	0	0	0	0	0
13:00	250	34	29	4	0	1	0	29	110	96	13	1	0	0	0	0	0
14:00	250	34	29	5	1	0	3	38	103	86	19	0	0	0	0	0	0
15:00	251	34	29	4	0	1	0	22	117	98	12	1	0	0	0	0	0
16:00	238	33	29	4	0	0	1	27	133	70	6	1	0	0	0	0	0
17:00	151	32	28	4	0	0	0	5	73	87	33	3	0	0	0	0	0
18:00	93	33	28	5	0	1	3	14	44	27	3	1	0	0	0	0	0
19:00	62	33	28	5	0	1	1	12	29	14	5	0	0	0	0	0	0
20:00	42	34	29	4	0	0	2	3	16	19							

Time	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10Mph	Bin 2 10-15	Bin 3 15-20	Bin 4 20-25	Bin 5 25-30	Bin 6 30-35	Bin 7 35-40	Bin 8 40-45	Bin 9 45-50	Bin 10 50-55	Bin 11 55-60	Bin 12 60-65	Bin 13 >65
00:00	2	33			0	0	0	0	1	0	1	0	0	0	0	0	0
01:00	0				0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	0				0	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0				0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	1	28			0	0	0	0	1	0	0	0	0	0	0	0	0
05:00	10	34	31	3	0	0	0	1	3	4	1	1	0	0	0	0	0
06:00	49	32	28	4	0	0	1	8	27	11	2	0	0	0	0	0	0
07:00	176	32	27	4	0	0	4	36	98	36	2	0	0	0	0	0	0
08:00	230	32	28	4	0	0	5	40	126	53	6	0	0	0	0	0	0
09:00	129	32	27	5	0	4	2	25	64	29	5	0	0	0	0	0	0
10:00	100	32	28	5	0	0	3	20	48	29	0	0	0	0	0	0	0
11:00	124	33	28	4	0	0	1	21	64	36	2	0	0	0	0	0	0
12:00	117	33	28	5	0	0	3	22	54	36	2	0	0	0	0	0	0
13:00	116	34	29	5	0	0	0	20	49	40	7	0	0	0	0	0	0
14:00	149	34	28	5	0	3	10	18	62	48	8	0	0	0	0	0	0
15:00	218	32	28	4	0	0	5	36	116	57	4	0	0	0	0	0	0
16:00	298	33	28	5	0	0	11	30	155	96	5	1	0	0	0	0	0
17:00	305	31	27	4	0	0	7	89	157	48	3	1	0	0	0	0	0
18:00	111	30	27	3	0	0	2	32	62	13	2	0	0	0	0	0	0
19:00	33	33	27	5	0	1	1	8	13	8	2	0	0	0	0	0	0
20:00	25	33	28	4	0	0	2	2	12	8	1	0	0	0	0	0	0
21:00	14	30	28	3	0	0	0	4	7	2	1	0	0	0	0	0	0
22:00	8	34			0	1	1	2	3	1	0	0	0	0	0	0	0
23:00	4	21			0	0	0	1	1	1	0	1	0	0	0	0	0
Total	2073	33	28	5	0	7	53	389	1055	521	46	2	0	0	0	0	0
12H(7-19)	2194	33	28	5	0	8	57	411	1114	550	52	2	0	0	0	0	0
16H(6-22)	2206	33	28	5	0	9	58	414	1118	552	52	3	0	0	0	0	0
18H(5-24)	2219	33	28	5	0	9	58	415	1123	556	54	4	0	0	0	0	0
24H(0-24)																	
AM Peak	08:00	05:00	08:00	09:00	-	09:00	08:00	08:00	08:00	08:00	08:00	05:00	-	-	-	-	-
	230	34	33	5	0	4	5	40	126	53	6	1	0	0	0	0	0
PM Peak	17:00	13:00	23:00	14:00	-	14:00	16:00	17:00	17:00	16:00	14:00	23:00	-	-	-	-	-
	305	34	31	5	0	3	11	89	157	96	8	1	0	0	0	0	0

PCC Traffic Information Consultancy Ltd.

Time	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10Mph	Bin 2 10-15	Bin 3 15-20	Bin 4 20-25	Bin 5 25-30	Bin 6 30-35	Bin 7 35-40	Bin 8 40-45	Bin 9 45-50	Bin 10 50-55	Bin 11 55-60	Bin 12 60-65	Bin 13 >65
00:00	3	34			0	0	0	0	1	1	0	1	0	0	0	0	0
01:00	1	28			0	0	0	1	0	0	0	0	0	0	0	0	0
02:00	1	28			0	0	0	1	0	0	0	0	0	0	0	0	0
03:00	2	28			0	0	0	0	2	0	0	0	0	0	0	0	0
04:00	1	28			0	0	0	0	1	0	0	0	0	0	0	0	0
05:00	15	33	30	4	0	0	0	2	6	6	1	0	0	0	0	0	0
06:00	85	34	30	4	0	0	6	38	32	7	0	2	0	0	0	0	0
07:00	322	33	29	4	0	0	26	171	118	6	0	1	0	0	0	0	0
08:00	253	34	30	4	0	0	9	117	114	11	1	0	1	0	0	0	0
09:00	201	34	30	4	0	0	12	103	76	7	0	2	0	1	0	0	0
10:00	121	33	29	4	0	0	2	17	58	42	1	0	1	0	0	0	0
11:00	104	34	30	4	0	0	0	9	50	39	6	0	0	0	0	0	0
12:00	85	33	29	5	0	0	1	14	36	32	3	0	0	0	0	0	0
13:00	129	33	29	4	0	1	1	8	78	39	2	0	0	0	0	0	0
14:00	129	33	29	5	0	1	0	18	67	36	6	0	1	0	0	0	0
15:00	112	33	29	4	1	0	1	5	63	37	5	0	0	0	0	0	0
16:00	189	33	28	5	0	0	0	37	96	47	8	0	0	1	0	0	0
17:00	169	33	29	4	0	0	0	22	95	43	0	0	0	0	0	0	0
18:00	118	34	30	4	0	0	0	4	62	44	7	1	0	0	0	0	0
19:00	52	35	30	5	0	0	2	4	19	19	7	1	0	0	0	0	0
20:00	29	33	29	5	0	1	0	4	12	10	2	0	0	0	0	0	0
21:00	16	34	30	4	0	0	0	3	5	6	1	1	0	0	0	0	0
22:00	11	34	31	3	0	0	0	1	3	5	2	0	0	0	0	0	0
23:00	2	28			0	0	0	0	2	0	0	0	0	0	0	0	0
Total	1933	34	29	4	1	2	5	181	996	667	71	2	5	2	1	0	0
12H(7-19)	2115	34	29	4	1	3	7	198	1070	734	88	4	7	2	1	0	0
16H(6-22)	2128	34	29	4	1	3	7	199	1075	739	90	4	7	2	1	0	0
18H(5-24)	2151	34	29	4	1	3	7	202	1086	746	91	5	7	2	1	0	0
24H(0-24)																	
AM Peak	07:00	06:00	08:00	10:00	-	-	10:00	07:00	07:00	07:00	08:00	08:00	09:00	08:00	09:00	-	-
	322	34	34	4	0	0	2	26	171	118	11	1	2	1	1	0	0
PM Peak	16:00	19:00	22:00	20:00	-	15:00	20:00	19:00	16:00	16:00	17:00	21:00	14:00	16:00	-	-	-
	189	35	31	5	1	1	2	37	96	47	9	1	1	1	0	0	0

PCC Traffic Information Consultancy Ltd.

Time	Total Volume	85th Percentile	Mean Average	Standard Deviation	Bin 1 <10Mph	Bin 2 10-15	Bin 3 15-20	Bin 4 20-25	Bin 5 25-30	Bin 6 30-35	Bin 7 35-40	Bin 8 40-45	Bin 9 45-50	Bin 10 50-55	Bin 11 55-60	Bin 12 60-65	Bin 13 >65
00:00	5	33			0	0	0	0	2	1	0	1	0	0	0	0	0
01:00	1	22			0	0	0	1	0	0	0	0	0	0	0	0	0
02:00	1	28			0	0	0	0	1	0	0	0	0	0	0	0	0
03:00	2	28			0	0	0	0	2	0	0	0	0	0	0	0	0
04:00	2	28			0	0	0	0	2	0	0	0	0	0	0	0	0
05:00	25	34	30	4	0	0	0	3	9	10	2	1	0	0	0	0	0
06:00	134	34	29	4	0	0	1	14	65	43	9	0	2	0	0	0	0
07:00	498	33	29	4	0	0	4	62	269	154	8	0	1	0	0	0	0
08:00	483	33	29	4	0	0	5	49	243	167	17	1	0	1	0	0	0
09:00	330	33	29	5	0	4	2	37	167	105	12	0	2	0	1	0	0
10:00	221	33	28	5	0	0	5	37	106	71	1	0	1	0	0	0	0
11:00	228	33	29	4	0	0	1	30	114	75	8	0	0	0	0	0	0
12:00	203	33	28	5	0	0	4	36	90	68	5	0	0	0	0	0	0
13:00	245	33	29	4	0	1	1	28	127	79	9	0	0	0	0	0	0
14:00	278	33	28	5	0	4	10	36	129	84	14	0	1	0	0	0	0
15:00	330	33	28	4	1	0	6	41	179	94	9	0	0	0	0	0	0
16:00	487	33	28	5	0	0	11	67	251	143	13	1	0	1	0	0	0
17:00	474	32	27	4	0	0	7	111	252	91	12	1	0	0	0	0	0
18:00	229	33	28	4	0	0	2	36	124	57	9	1	0	0	0	0	0
19:00	85	34	29	5	0	1	3	12	32	27	9	1	0	0	0	0	0
20:00	54	33	29	5	0	1	2	6	24	18	3	0	0	0	0	0	0
21:00	30	34	29	5	0	0	0	7	12	8	2	1	0	0	0	0	0
22:00	19	34	28	5	0	1	1	3	6	6	2	0	0	0	0	0	0
23:00	6	30			0	0	0	1	3	1	0						