

Subject: RE: Peel Hall - AADT and AAWT
Date: Wednesday, 13 November 2019 at 08:21:04 Greenwich Mean Time
From: Taylor, Mike
To: Fiona Bennett
CC: dave.tighe, Wright, Colin, Dickin, Alan
Attachments: image001.png, image002.png

Fiona,

As per my previous email apologies for the delay.

The conversion factors have been identified as directional whereas it may be simpler to provide a flow-weighted average for each area; for example modification of Table 1 would give:

A49	AM	PM	24AADT	AADT Fac	18AAWT	AAWT Fac
NB	1096	1662	20435	14.819	20712	15.020
SB	1718	1362	20583	13.366	21035	13.659
TOTAL	2814	3024	41018	14.052	41747	14.302

I would appreciate your consideration and comment on this point.

Regards

Mike

Mike Taylor

Transport Development Control Team Leader

Environment and Transport Directorate
Transport for Warrington
Warrington Borough Council
New Town House, Buttermarket Street, Warrington, WA1 2NH

 mike.taylor@warrington.gov.uk

 Office: 01925 444086 Mobile: 07966 884639

warrington.gov.uk

From: Fiona Bennett [mailto:fiona.bennett@highgatetransportation.co.uk]
Sent: 25 October 2019 15:05
To: Taylor, Mike <mike.taylor@warrington.gov.uk>
Cc: dave.tighe <dave.tighe@highgatetransportation.co.uk>; Wright, Colin <Colin.Wright@wsp.com>; Dickin, Alan <adickin@warrington.gov.uk>
Subject: Peel Hall - AADT and AAWT

Afternoon Mike,

Please find attached the updated TN/08 (Revision A). Hopefully this will clarify matters.

Happy to discuss.

Subject: Re: Peel Hall - AADT and AAWT
Date: Wednesday, 13 November 2019 at 09:19:44 Greenwich Mean Time
From: Fiona Bennett
To: Taylor, Mike
CC: dave.tighe, Wright, Colin, Dickin, Alan
Attachments: image001.png, image002.png

Good morning Mike,

We are happy to provide a flow-weighted average for each area as you suggest in your email below. This will certainly make it simpler for all parties going forwards.

We will update the tables from TN/08/A following the methodology you set out in your modified Table 1 below, email across for your records and proceed on this basis for the provision of data to feed into the Noise and Air Quality assessments.

We should be in a position to send across the analysed WMMTM16 data in spreadsheet and flow diagram format shortly. Hopefully we can then arrange a meeting to discuss the next steps in terms of impact, analysis and mitigation.

Kind regards,
Fiona

Fiona Bennett
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From: "Taylor, Mike" <mike.taylor@warrington.gov.uk>
Date: Wednesday, 13 November 2019 at 08:21
To: Fiona Bennett <fiona.bennett@highgatetransportation.co.uk>
Cc: "dave.tighe" <dave.tighe@highgatetransportation.co.uk>, "Wright, Colin" <Colin.Wright@wsp.com>, "Dickin, Alan" <adickin@warrington.gov.uk>
Subject: RE: Peel Hall - AADT and AAWT

Fiona,

As per my previous email apologies for the delay.

The conversion factors have been identified as directional whereas it may be simpler to provide a flow-weighted average for each area; for example modification of Table 1 would give:

Subject: Peel Hall - Traffic Flow Data - AADT and AAWT Factors
Date: Thursday, 21 November 2019 at 14:28:24 Greenwich Mean Time
From: Fiona Bennett
To: Taylor, Mike
CC: dave.tighe, Wright, Colin, Dickin, Alan
Attachments: image001.png, image002.png, image003.png

Dear Mike,

I am about to send via WeTransfer Peel Hall flow diagrams across all scenarios for Access Strategy A, the accompanying spreadsheets and original AECOM datasets. We will send across the same for Access Strategy B shortly, once finalised.

In terms of AADT/AAWT factors, we have updated the tables from TN/08/A further to your email of 13th November as follows:

Table 1 – A49 flows and conversion factors

	AM Flow	PM Flow	24-hour Flow	24-hour AADT scale factor	18-hour Flow	18-hour AAWT scale factor
7-Day						
Northbound A49**			20,435	14.817		
Southbound A49**			20,583	13.366		
5-Day						
Northbound A49**	1,096	1,662			20,712	15.017
Southbound A49**	1,718	1,362			21,035	13.660
Total	2,814*	3,024*	41,018*	14.052	41,747*	14.302

** Figures taken directly from Excel 8551 – A49 Winwick Road – ATC Survey Results_FB

* Sum of tabulated figures

Table 2 – A50 flows and conversion factors

	AM Flow	PM Flow	24-hour Flow	24-hour AADT scale factor	18-hour Flow	18-hour AAWT scale factor
7-Day						
Westbound A50*			7,707	10.939		
Eastbound A50*			7,308	11.805		
5-Day						
Westbound A50*	712	697			8,170	11.595
Eastbound A50*	594	644			7,822	12.634
Total (as above)	1,306	1,341	15,015	11.345	15,992	12.083

* Figures taken directly from Excel Warrington A50 ATC_FB

Table 3 – Poplars Avenue flows and conversion factors

	AM Flow	PM Flow	24-hour Flow	24-hour AADT scale factor	18-hour Flow	18-hour AAWT scale factor
7-Day						
Westbound Poplars*			2,808	11.847		
Eastbound Poplars*			2,970	10.347		
5-Day						
Westbound Poplars*	171	303			2,843	11.995
Eastbound Poplars*	330	244			3,102	10.808
Total (as above)	501	547	5,778	11.027	5,945	11.345

Figures taken directly from Excel Warrington Poplars Avenue ATC_FB

Table 4 – Blackbrook Avenue flows and conversion factors

	AM Flow	PM Flow	24-hour Flow	24-hour AADT scale factor	18-hour Flow	18-hour AAWT scale factor
7-Day						
Northbound Blackbrook*			2,867	9.882		
Southbound Blackbrook*			3,294	8.298		
5-Day						
Northbound Blackbrook*	245	335			3,054	10.527
Southbound Blackbrook*	496	298			3,622	9.123
Total (as above)	741	633	6,161	8.968	6,676	9.718

Figures taken directly from Excel Warrington ATC 1115_FB

Table 5 – Delph Lane flows and conversion factors

	AM Flow	PM Flow	24-hour Flow	24-hour AADT scale factor	18-hour Flow	18-hour AAWT scale factor
7-Day						
Northbound Delph*			3,373	8.125		
Southbound Delph*			3,636	8.480		
5-Day						
Northbound Delph*	351	480			3,663	8.822
Southbound Delph*	500	358			3,931	9.168
Total (as above)	851	838	7,009	8.300	7,594	8.992

Figures taken directly from Excel Warrington Delph Lane ATC_FB

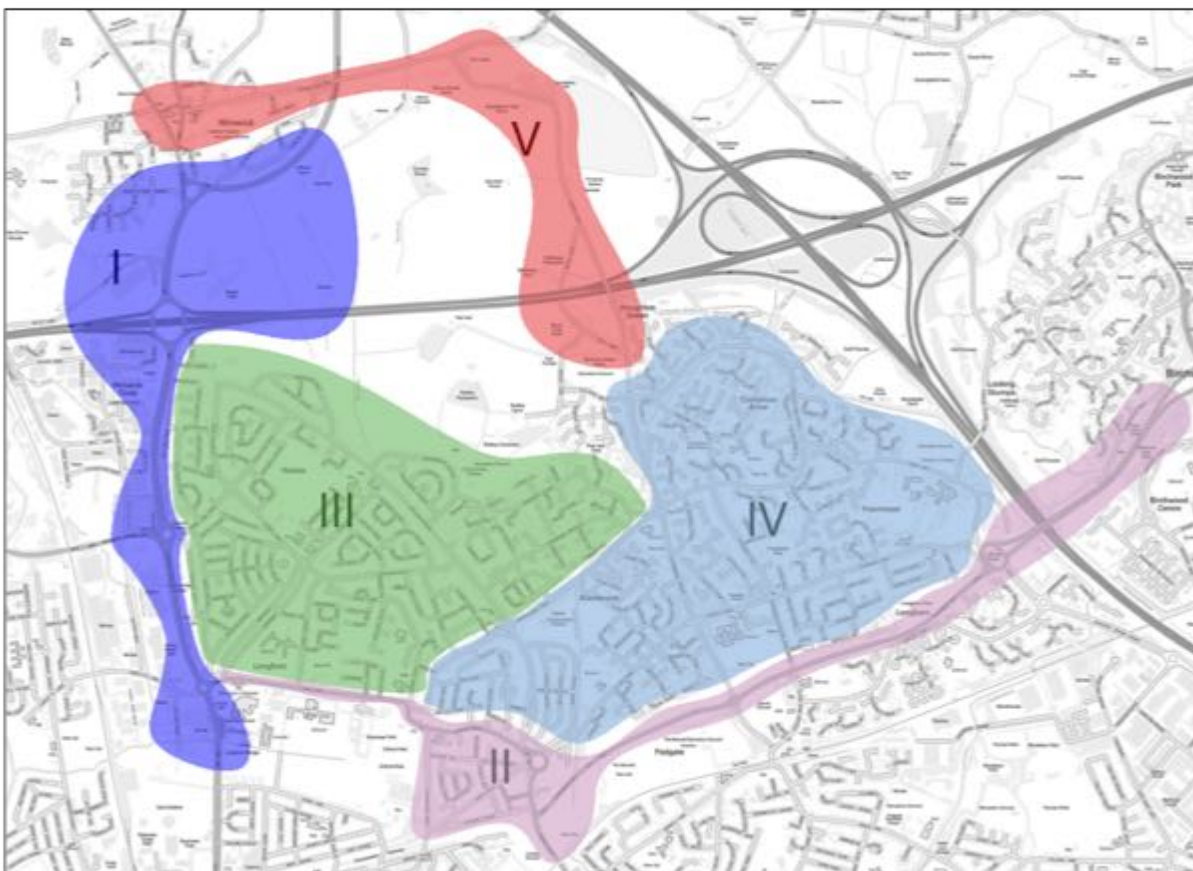
$$\text{AADT FACTOR} * ((\text{SATURN AM+PM peak hour two-way flows})/2) = \text{AADT24}$$

$$\text{AAWT FACTOR} * ((\text{SATURN AM+PM peak hour two-way flows})/2) = \text{AAWT18}$$

Table 6 – Summary of conversion factors

24-hour AADT	18-hour AAWT
A49	
14.052	14.302
A50	
11.345	12.083
Poplars Avenue	
11.027	11.345
Blackbrook Avenue	
8.968	9.718
Delph Lane	
8.300	8.992

Figure 2 TN/08/A - Areas for factors to be used



It would be good to have a meeting date in the diary for early December – please could you let us know your availability?

Kind regards,

Fiona

Fiona Bennett

Highgate *Transportation*

Tel: 0117 934 9121

Mob: 07595 892 217

fiona.bennett@highgatetransportation.co.uk

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From: Fiona Bennett <fiona.bennett@highgatetransportation.co.uk>

Date: Wednesday, 13 November 2019 at 09:19

To: "Taylor, Mike" <mike.taylor@warrington.gov.uk>

Cc: "dave.tighe" <dave.tighe@highgatetransportation.co.uk>, "Wright, Colin" <Colin.Wright@wsp.com>, "Dickin, Alan" <adickin@warrington.gov.uk>

Subject: Re: Peel Hall - AADT and AAWT

Good morning Mike,

We are happy to provide a flow-weighted average for each area as you suggest in your email below. This will certainly make it simpler for all parties going forwards.

We will update the tables from TN/08/A following the methodology you set out in your modified Table 1 below, email across for your records and proceed on this basis for the provision of data to feed into the Noise and Air Quality assessments.

We should be in a position to send across the analysed WMMTM16 data in spreadsheet and flow diagram format shortly. Hopefully we can then arrange a meeting to discuss the next steps in terms of impact, analysis and mitigation.

Kind regards,

Fiona

Fiona Bennett

Highgate *Transportation*

Subject: Peel Hall - M62 AAWT and AADT Factors
Date: Monday, 25 November 2019 at 12:54:56 Greenwich Mean Time
From: Fiona Bennett
To: Laverick, Benjamin
CC: Gavin.Coupe@atkinsglobal.com, Dave Tighe (dave.tighe@highgatetransportation.co.uk)
Attachments: image001.png

Afternoon Ben,

Do you have appropriate AADT and 18-hour AAWT factors for the M62 mainline around Junction 9 that we can provide to the Air Quality and Noise teams for factoring up the AM+PM peak hour SATURN flows to corresponding Annual Average Daily Traffic and Annual Average Weekday Traffic?

We have the following factors for the A49:

24-hour AADT	18-hour AAWT
A49	
14.052	14.302

$$\text{AADT FACTOR} * ((\text{SATURN AM+PM peak hour two-way flows}) / 2) = \text{AADT24}$$

$$\text{AAWT FACTOR} * ((\text{SATURN AM+PM peak hour two-way flows}) / 2) = \text{AAWT18}$$

Happy to discuss.

Kind regards,
Fiona

Fiona Bennett
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Please consider the environment before printing this email and any attachments.

Subject: Peel Hall - M62 AAWT and AADT Factors
Date: Tuesday, 26 November 2019 at 12:36:54 Greenwich Mean Time
From: Fiona Bennett
To: Laverick, Benjamin
CC: dave.tighe, Gavin.Coupe@atkinsglobal.com
Attachments: image001.png

Afternoon Ben,

Further to my email yesterday (below) where I asked if you were happy for us to use the factors provided for the A49 (using 2018 ATC data) to be applied to the M62 mainline future flows for obtaining AADT and AAWT from the AM and PM peak hour flows from the AECOM SATURN data, we have reviewed the AADT24 and AAWT18 2018 Do Minimum flow summaries from the mainline data provided by AECOM (WMMTM16 for Peel Hall) and this is summarised as:

Total two-way average daily traffic of 121,100 (PCU) *(as provided by AECOM)*

Total two-way AM flows of 9,634 (PCU) *(as provided in the dataset)*

Total two-way PM flows of 10,399 (PCU) *(as provided in the dataset)*

Approximate AADT24 M62 mainline Factor of 12.090

Total two-way average weekday traffic of 126,790 (PCU) *(as provided by AECOM)*

Total two-way AM flows of 9,634 (PCU) *(as provided in the dataset)*

Total two-way PM flows of 10,399 (PCU) *(as provided in the dataset)*

Approximate AAWT18 M62 mainline Factor of 12.658

We will move forward on the basis of the M62 mainline factors as set out above unless we hear otherwise today.

Happy to discuss.

Kind regards,
Fiona

Fiona Bennett

Highgate *Transportation*

Tel: 0117 934 9121

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Please consider the environment before printing this email and any attachments.

From: Fiona Bennett <fiona.bennett@highgatetransportation.co.uk>

Date: Monday, 25 November 2019 at 12:54

To: "Laverick, Benjamin" <Benjamin.Laverick@highwaysengland.co.uk>

Cc: "Gavin.Coupe@atkinsglobal.com" <Gavin.Coupe@atkinsglobal.com>, "Dave Tighe"

Subject: RE: Peel Hall - M62 AAWT and AADT Factors
Date: Tuesday, 26 November 2019 at 14:03:10 Greenwich Mean Time
From: Laverick, Benjamin
To: Fiona Bennett
CC: dave.tighe
Attachments: image002.png

Hi Fiona,

I am content with the proposed factors as laid out below.

Kind regards

Ben

Benjamin Laverick, Assistant Asset Manager

Highways England | Piccadilly Gate | Store Street | Manchester | M1 2WD

Web: www.highwaysengland.co.uk

From: Fiona Bennett [mailto:fiona.bennett@highgatetransportation.co.uk]
Sent: 26 November 2019 12:37
To: Laverick, Benjamin <Benjamin.Laverick@highwaysengland.co.uk>
Cc: dave.tighe <dave.tighe@highgatetransportation.co.uk>; Gavin.Coupe@atkinsglobal.com
Subject: Peel Hall - M62 AAWT and AADT Factors

Afternoon Ben,

Further to my email yesterday (below) where I asked if you were happy for us to use the factors provided for the A49 (using 2018 ATC data) to be applied to the M62 mainline future flows for obtaining AADT and AAWT from the AM and PM peak hour flows from the AECOM SATURN data, we have reviewed the AADT24 and AAWT18 2018 Do Minimum flow summaries from the mainline data provided by AECOM (WMMTM16 for Peel Hall) and this is summarised as:

Total two-way average daily traffic of 121,100 (PCU) *(as provided by AECOM)*

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Total two-way PM flows of 10,399 (PCU) *(as provided in the dataset)*

Approximate AAWT18 M62 mainline Factor of 12.658

We will move forward on the basis of the M62 mainline factors as set out above unless we hear otherwise today.

Happy to discuss.

Kind regards,
Fiona

Fiona Bennett

Highgate *Transportation*

Tel: 0117 934 9121

Mob: 07595 892 217

TECHNICAL NOTE

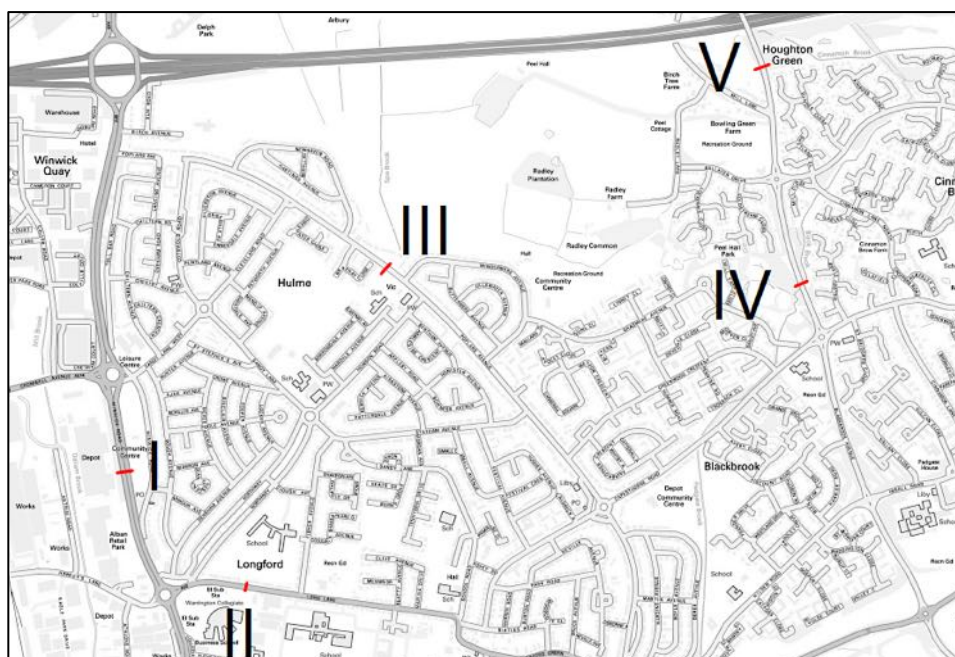
PROJECT: Peel Hall, Warrington

REPORT: 1901/TN/08/A – Conversion factors for 24-Hour AADT & 18-Hour AAWT

DATE: August 2019 (updated September 2019)

1. This Technical Note has been provided to set out the calculation factors for taking the Peel Hall WMMTM16 SATURN model AM and PM peak hour outputs and converting to 24-hour AADT¹ and 18-hour AAWT² (0600-2400 hours). This is for the purposes of the Air Quality and Noise Assessments required to support the development of land at Peel Hall, Warrington.
2. The factors are being determined from existing week-long ATC traffic count data from the following roads and the locations of these surveys are indicated on **Figure 1**.
 - i. A49 (2018)
 - ii. A50 (2019)
 - iii. Poplars Avenue (2019)
 - iv. Blackbrook Avenue (2015)
 - v. Delph Lane (2019)

Figure 1 – ATC Location Plan



¹ Average Annual Daily Traffic (7-day)

² Average Annual Weekday traffic (5-day)

- The AM (0800-0900) and PM (1700-1800) two-way weekday flows from the ATC data is provided with the 24-hour weekly data and 18-hour weekday for each site in turn below.
- The resultant 24-hour AADT and 18-hour AAWT are then presented for agreement with Warrington Borough Council (WBC), using the 5-day average peak hour flows as these are what will be available from the SATURN outputs.

A49 – Traffic Data

- Traffic surveys were undertaken along the A49 between the Sandy Lane West signalised roundabout and the Junction 9 Retail Park three-arm signal junction to the south. The survey was undertaken between Tuesday 20th March 2018 and Monday 2nd April 2018. Easter was Sunday 1st April in 2018, and the Warrington school holidays ran from Saturday 6th to Monday 22nd April that year. Therefore, the first week of this data has been used (20th to 26th March 2018).
- The resultant summary data and conversion factors are provided in **Table 1**.

Table 1 – A49 flows and conversion factors

	AM Flow	PM Flow	24-hour Flow	18-hour Flow	24-hour AADT scale factor	18-hour AAWT scale factor
7-Day						
Northbound A49			20,435		14.817	
Southbound A49			20,583		13.366	
5-Day						
Northbound A49	1,096	1,662		20,712		15.017
Southbound A49	1,718	1,362		21,035		13.660

- The ATC data is provided in **Appendix 1** for reference alongside the data analysis.
- As set out at **Table 1**, the conversion factors to forecast 24-hour AADT using the peak hour flows from the SATURN model for the A49 corridor is 14.817 and 13.336 for northbound and southbound flows respectively.
- The corresponding factors for forecasting 18-hour AAWT using the peak hour flows from the SATURN model for the A49 corridor is 15.017 and 13.660 for northbound and southbound flows respectively.
- Therefore, these factors would be used as follows:

$$\text{AADT DIRECTIONAL FACTOR} * ((\text{AM} + \text{PM peak hour directional flows}) / 2) = \text{AADT}_{24}$$

$$\text{AAWT DIRECTIONAL FACTOR} * ((\text{AM} + \text{PM peak hour directional flows}) / 2) = \text{AAWT}_{18}$$

A50 – Traffic Data

11. Traffic surveys were undertaken along the A50. The survey was undertaken between Saturday 30th March 2019 and Friday 5th April 2019. Easter was Sunday 21st April in 2019, and the Warrington school holidays ran from either Saturday 6th or Saturday 13th to Tuesday 23rd or Monday 29th April that year.
12. The resultant summary data and conversion factors are provided in **Table 2**.

Table 2 – A50 flows and conversion factors

	AM Flow	PM Flow	24-hour Flow	18-hour Flow	24-hour AADT scale factor	18-hour AAWT scale factor
7-Day						
Westbound A50			7,707		10.939	
Eastbound A50			7,308		11.805	
5-Day						
Westbound A50	712	697		8,170		11.595
Eastbound A50	594	644		7,822		12.634

13. The ATC data is provided in **Appendix 2** for reference alongside the data analysis.
14. As set out at **Table 2**, the conversion factors to forecast 24-hour AADT using the peak hour flows from the SATURN model for the A50 corridor is 10.939 and 11.805 for westbound and eastbound flows respectively.
15. The corresponding factors for forecasting 18-hour AAWT using the peak hour flows from the SATURN model for the A50 corridor is 11.595 and 12.634 for westbound and eastbound flows respectively.
16. These factors would be applied as set out in **paragraph 10**.

Poplars Avenue – Traffic Data

17. Traffic surveys were undertaken at three locations along Poplars Avenue in March/April 2019. For the purposes of this assessment the busiest of the three locations has been used. This survey location was between the Poplars Avenue junctions with Newhaven Road and Windermere Avenue. The survey was undertaken between Saturday 30th March 2019 and Friday 5th April 2019.
18. The resultant summary data and conversion factors are provided in **Table 3**.

Table 3 – Poplars Avenue flows and conversion factors

	AM Flow	PM Flow	24-hour Flow	18-hour Flow	24-hour AADT scale factor	18-hour AAWT scale factor
7-Day						
Westbound Poplars			2,808		11.847	
Eastbound Poplars			2,970		10.347	
5-Day						
Westbound Poplars	171	303		2,843		11.995
Eastbound Poplars	330	244		3,102		10.808

19. The ATC data is provided in **Appendix 3** for reference alongside the data analysis.
20. As set out at **Table 3**, the conversion factors to forecast 24-hour AADT using the peak hour flows from the SATURN model for the Poplars Avenue area is 11.847 and 10.347 for westbound and eastbound flows respectively.
21. The corresponding factors for forecasting 18-hour AAWT using the peak hour flows from the SATURN model for the Poplars Avenue area is 11.995 and 10.808 for westbound and eastbound flows respectively.
22. These factors would be applied as set out in **paragraph 10**.

Blackbrook Avenue – Traffic Data

23. Traffic surveys were undertaken along Blackbrook Avenue adjacent to Peel Hall Park. The survey was undertaken between Friday 20th and Thursday 26th November 2015.
24. The resultant summary data and conversion factors are provided in **Table 4**.

Table 4 – Blackbrook Avenue flows and conversion factors

	AM Flow	PM Flow	24-hour Flow	18-hour Flow	24-hour AADT scale factor	18-hour AAWT scale factor
7-Day						
Northbound Blackbrook			2,867		9.882	
Southbound Blackbrook			3,294		8.298	
5-Day						
Northbound Blackbrook	245	335		3,054		10.527
Southbound Blackbrook	496	298		3,622		9.123

25. The ATC data is provided in **Appendix 4** for reference alongside the data analysis.

26. As set out at **Table 4**, the conversion factors to forecast 24-hour AADT using the peak hour flows from the SATURN model for the Blackbrook Avenue area is 9.882 and 8.298 for northbound and southbound flows respectively.
27. The corresponding factors for forecasting 18-hour AAWT using the peak hour flows from the SATURN model for the Blackbrook Avenue area is 10.527 and 9.123 for northbound and southbound flows respectively.
28. These factors would be applied as set out in **paragraph 10**.

Delph Lane – Traffic Data

29. Additional traffic surveys were undertaken along Delph Lane, effectively a continuation to the north of Blackbrook Avenue and the data reviewed against the older 2015 data. The survey was undertaken between Saturday 30th March 2019 and Friday 5th April 2019.
30. The resultant summary data and conversion factors are provided in **Table 5**.

Table 5 – Delph Lane flows and conversion factors

	AM Flow	PM Flow	24-hour Flow	18-hour Flow	24-hour AADT scale factor	18-hour AAWT scale factor
7-Day						
Northbound Delph			3,373		8.125	
Southbound Delph			3,636		8.480	
5-Day						
Northbound Delph	351	480		3,663		8.822
Southbound Delph	500	358		3,931		9.168

31. The ATC data is provided in **Appendix 5** for reference alongside the data analysis.
32. As set out at **Table 5**, the conversion factor to forecast 24-hour AADT using the peak hour flows from the SATURN model for the Delph Lane area is 8.125 and 8.480 for northbound and southbound flows respectively.
33. The corresponding factors for forecasting 18-hour AAWT using the peak hour flows from the SATURN model for the Delph Lane area is 8.822 and 9.126 for northbound and southbound flows respectively.
34. Given the 2019 data is more recent, it is considered that the factors from the Delph Lane data will be used to the areas north of the M62.
35. These factors would be applied as set out in **paragraph 10**.

Summary

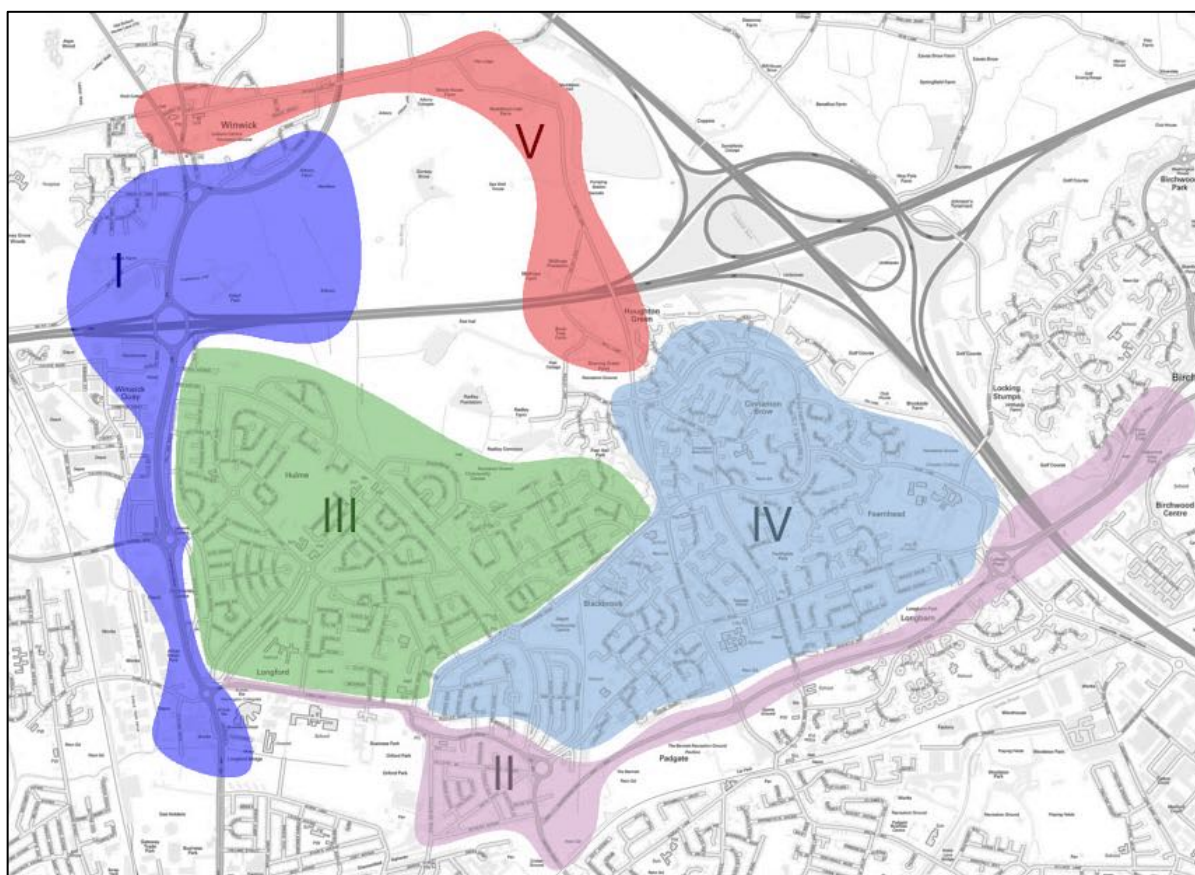
36. This Technical Note has been provided to set out the calculation factors for taking the Peel Hall WMMTM16 SATURN model AM and PM peak hour outputs and converting to 24-hour AADT and 18-hour AAWT for the purposes of the Air Quality and Noise Assessments required to support the development of land at Peel Hall, Warrington.

37. The factors for 24-hour AADT and 18-hour AAWT flows are summarised at **Table 6**, with the corresponding links that these factors will be used for illustrated on **Figure 2**.

Table 6 – Summary of conversion factors

	24-hour AADT	18-hour AAWT
A49		
Northbound	14.817	15.017
Southbound	13.366	13.660
A50		
Westbound	10.939	11.595
Eastbound	11.805	12.634
Poplars Avenue		
Westbound	11.847	11.995
Eastbound	10.347	10.808
Blackbrook Avenue		
Northbound	9.882	10.527
Southbound	8.298	9.123
Delph Lane		
Northbound	8.125	8.822
Southbound	8.480	9.168

Figure 2 - Areas for factors to be used



Appendix 1

ATC Data – A49

Site
Location
Direction

1
A49 Winwick Road -N53.412624, W2.597562
Northbound

8551 / A49 Warrington
Mar-18
Automatic Traffic Count

Tuesday 20 March 2018

Time	Total	Classification												JPSL 40	JPSL% 40	JSL1 46 ACPO	JSL1% 46 ACPO	JSL2 55 DfT	JSL2% 55 DfT	Mean	Vpp 85
		1 MCL	2 SV	3 SVT	4 TB2	5 TB3	6 T4	7 ART3	8 ART4	9 ART5	10 ART6	11 BD	12 DRT								
0000	104	0	69	0	9	1	1	0	8	12	4	0	0	23	22.1	5	4.8	0	0	36.9	41.2
0100	75	0	43	0	14	2	0	0	2	13	1	0	0	19	25.3	3	4	0	0	36.8	42.3
0200	58	0	29	0	14	0	0	0	1	6	7	0	1	11	19	4	6.9	0	0	35.7	40.9
0300	73	0	50	0	16	0	0	0	2	3	2	0	0	26	35.6	8	11	0	0	38.5	43.6
0400	98	2	60	0	24	0	0	0	0	7	5	0	0	32	32.7	5	5.1	1	1	37.3	43.6
0500	368	1	291	2	50	1	2	0	7	4	9	1	0	98	26.6	18	4.9	2	0.5	37.5	42.3
0600	596	8	454	9	75	9	5	1	16	7	11	0	1	157	26.3	30	5	2	0.3	37.2	42.3
0700	1103	8	881	16	112	18	6	5	32	8	12	0	5	118	10.7	14	1.3	1	0.1	32.2	38.7
0800	1074	5	861	22	110	13	10	2	26	9	10	3	3	43	4	8	0.7	0	0	30.3	35.3
0900	1094	6	868	17	111	15	10	4	26	16	11	3	7	44	4	3	0.3	1	0.1	30.2	35.1
1000	1157	4	931	15	137	7	16	3	23	10	7	1	3	35	3	3	0.3	0	0	29.1	34.9
1100	1294	6	1077	20	116	18	4	2	21	11	15	1	3	30	2.3	5	0.4	0	0	28.4	34
1200	1362	8	1135	18	114	17	11	6	23	10	12	3	5	28	2.1	3	0.2	0	0	27.1	32.7
1300	1465	10	1265	22	88	8	14	3	28	10	7	3	7	32	2.2	2	0.1	0	0	28.9	34
1400	1601	12	1358	27	121	14	14	2	28	9	10	1	5	26	1.6	1	0.1	0	0	26.1	32.9
1500	1657	11	1420	38	98	7	7	4	40	12	12	5	3	13	0.8	1	0.1	0	0	26.1	33.1
1600	1860	19	1612	45	71	25	17	3	36	5	16	5	6	4	0.2	0	0	0	0	20.6	28.4
1700	1795	8	1572	54	44	16	10	1	62	2	13	4	9	15	0.8	1	0.1	1	0.1	22.9	30.9
1800	1448	4	1295	32	45	7	3	2	37	5	14	1	3	39	2.7	5	0.3	0	0	29.7	34.9
1900	1092	4	975	20	39	4	3	2	25	10	6	1	3	36	3.3	5	0.5	0	0	30.1	34.7
2000	886	2	790	12	31	3	3	0	21	13	7	0	4	54	6.1	14	1.6	3	0.3	32.2	37.4
2100	607	1	543	8	27	3	2	0	7	12	4	0	0	51	8.4	14	2.3	1	0.2	33.1	37.4
2200	343	4	298	4	15	0	0	1	3	12	6	0	0	66	19.2	12	3.5	1	0.3	35	41.2
2300	198	3	154	0	15	1	0	0	4	20	1	0	0	49	24.7	14	7.1	1	0.5	37.3	41.6
07-19	16910	101	14275	326	1167	165	122	37	382	107	139	30	59	427	2.5	46	0.3	3	0	27.1	34
06-22	20091	116	17037	375	1339	184	135	40	451	149	167	31	67	725	3.6	109	0.5	9	0	28	34.9
06-00	20432	123	17489	379	1369	185	135	41	458	181	174	31	67	840	4.1	135	0.7	11	0.1	28.2	35.1
00-00	21408	126	18031	381	1496	189	138	41	478	226	202	32	68	1049	4.9	178	0.8	14	0.1	28.5	35.6

Site
Location
Direction

1

A49 Winwick Road -N53.412624, W2.597562
Northbound

8551 / A49 Warrington
Mar-18
Automatic Traffic Count

Wednesday 21 March 2018

Time	Total	Classification												JPSL 40	JPSL% 40	JSL1 46 ACPO	JSL1% 46 ACPO	JSL2 55 DfT	JSL2% 55 DfT	Mean	Vpp 85
		1 MCL	2 SV	3 SVT	4 TB2	5 TB3	6 T4	7 ART3	8 ART4	9 ART5	10 ART6	11 BD	12 DRT								
0000	123	0	90	1	9	0	0	1	9	11	2	0	0	28	22.8	4	3.3	1	0.8	36.6	40.9
0100	70	0	39	1	14	1	0	0	1	10	4	0	0	17	24.3	5	7.1	0	0	36.9	41.2
0200	69	1	43	0	10	1	0	0	2	7	5	0	0	17	24.6	5	7.2	0	0	37.6	41.6
0300	63	0	41	0	13	1	0	0	0	6	2	0	0	18	28.6	5	7.9	1	1.6	38.4	43.8
0400	96	1	56	0	24	0	0	0	4	5	6	0	0	27	28.1	13	13.5	0	0	38.2	45.2
0500	356	3	296	4	33	2	3	0	6	4	5	0	0	119	33.4	27	7.6	3	0.8	38.4	43.2
0600	575	5	441	7	75	6	11	1	10	6	11	0	2	157	27.3	40	7	5	0.9	37.8	42.5
0700	1149	6	913	17	125	13	11	2	32	10	11	2	7	108	9.4	17	1.5	4	0.3	32.3	38.5
0800	1085	6	846	22	130	12	14	3	28	11	10	0	3	56	5.2	6	0.6	0	0	30.6	36.2
0900	1107	3	881	26	119	7	8	4	28	10	16	2	3	39	3.5	2	0.2	0	0	29.1	35.1
1000	1153	3	936	24	120	13	8	4	23	7	12	3	0	47	4.1	9	0.8	2	0.2	30.2	35.1
1100	1287	6	1100	14	93	5	5	2	41	6	8	1	6	28	2.2	6	0.5	1	0.1	29.2	34.4
1200	1324	6	1112	12	121	8	10	2	27	11	10	1	4	40	3	6	0.5	1	0.1	27.5	34.2
1300	1466	6	1225	36	105	13	16	1	37	7	16	3	1	36	2.5	2	0.1	0	0	29	34
1400	1701	7	1462	19	131	21	11	10	22	5	6	5	2	11	0.6	2	0.1	1	0.1	22.1	30.9
1500	1662	5	1427	41	100	21	5	3	36	4	11	3	6	16	1	2	0.1	0	0	25.5	32.2
1600	1760	12	1507	50	72	23	14	4	46	6	18	3	5	9	0.5	4	0.2	0	0	23.1	30.4
1700	1460	9	1259	55	28	21	14	6	44	3	10	5	6	3	0.2	0	0	0	0	12.4	16.6
1800	1496	4	1325	39	28	16	9	4	49	4	12	3	3	6	0.4	0	0	0	0	18.1	28
1900	1091	5	980	18	40	4	2	1	23	10	5	1	2	23	2.1	6	0.5	1	0.1	29.4	33.6
2000	892	4	801	17	20	2	0	0	25	9	10	1	3	49	5.5	10	1.1	1	0.1	31.2	36.5
2100	646	5	576	8	24	2	3	0	12	14	1	0	1	71	11	17	2.6	1	0.2	33.7	38.7
2200	409	3	382	2	13	1	0	0	2	4	2	0	0	75	18.3	20	4.9	5	1.2	35.7	40.3
2300	217	1	167	0	19	3	0	0	3	20	3	0	1	49	22.6	13	6	5	2.3	37.1	40.9
07-19	1650	73	13993	355	1172	173	125	45	413	84	140	31	46	399	2.4	56	0.3	9	0.1	25.2	33.6
06-22	19854	92	16791	405	1331	187	141	47	483	123	167	33	54	699	3.5	129	0.6	17	0.1	26.3	34.7
06-00	20480	96	17340	407	1363	191	141	47	488	147	172	33	55	823	4	162	0.8	27	0.1	26.6	34.9
00-00	21257	101	17905	413	1466	196	144	48	510	190	196	33	55	1049	4.9	221	1	32	0.2	27.1	35.6

Site
Location
Direction

1

A49 Winwick Road -N53.412624, W2.597562
Northbound

8551 / A49 Warrington
Mar-18
Automatic Traffic Count

Thursday 22 March 2018

Time	Total	Classification												JPSL 40	JPSTL% 40	JSL1 46 ACPO	JSL1% 46 ACPO	JSL2 55 DFT	JSL2% 55 DFT	Mean	Vpp 85
		1 MCL	2 SV	3 SVT	4 TB2	5 TB3	6 T4	7 ART3	8 ART4	9 ART5	10 ART6	11 BD	12 DRT								
0000	105	1	75	0	8	0	0	0	6	11	4	0	0	28	26.7	7	6.7	1	1	37.1	42.7
0100	69	0	40	0	13	0	0	0	2	10	4	0	0	14	20.3	5	7.2	2	2.9	36.5	40.9
0200	70	1	46	0	14	0	0	0	2	6	1	0	0	26	37.1	7	10	2	2.9	39	44.7
0300	67	0	40	1	12	0	0	0	2	8	4	0	0	21	31.3	6	9	1	1.5	38.3	43.8
0400	102	2	67	1	26	0	0	0	0	5	1	0	0	29	28.4	11	10.8	1	1	37.3	43.2
0500	383	3	313	2	44	3	2	0	4	6	6	0	0	112	29.2	26	6.8	2	0.5	37.7	42.3
0600	629	8	472	11	85	7	7	1	15	11	11	1	0	179	28.5	36	5.7	5	0.8	37.6	42.7
0700	1084	6	868	12	116	9	12	5	30	10	11	1	4	116	10.7	13	1.2	1	0.1	33.2	38.9
0800	1127	4	894	20	116	9	10	4	32	15	17	5	1	54	4.8	9	0.8	0	0	31	36.7
0900	1122	4	880	15	144	10	8	3	26	15	9	4	4	57	5.1	9	0.8	1	0.1	30.2	35.6
1000	1178	5	949	17	120	15	16	1	31	11	9	2	2	33	2.8	5	0.4	0	0	30.2	34.7
1100	1338	2	1098	23	119	15	11	4	34	13	16	0	3	30	2.2	2	0.1	0	0	29.8	34.7
1200	1413	2	1185	19	103	13	15	3	32	11	18	5	7	37	2.6	6	0.4	1	0.1	29.6	34
1300	1497	5	1248	33	122	11	11	7	32	8	14	0	6	33	2.2	3	0.2	0	0	28.6	34
1400	1498	10	1284	31	83	25	10	8	25	7	10	1	4	5	0.3	1	0.1	0	0	19.1	28.9
1500	1656	12	1411	38	99	17	15	1	33	13	13	2	2	43	2.6	6	0.4	2	0.1	25.9	32.7
1600	1794	8	1555	45	62	22	11	7	51	10	9	4	10	15	0.8	1	0.1	0	0	22.1	30.2
1700	1843	9	1625	47	52	12	11	4	60	5	10	3	5	13	0.7	5	0.3	1	0.1	22.5	30.2
1800	1479	8	1318	40	49	9	3	2	35	3	10	0	2	61	4.1	11	0.7	1	0.1	29.8	35.6
1900	1105	3	987	22	30	12	2	2	24	12	9	1	1	35	3.2	4	0.4	0	0	29.9	34.4
2000	973	2	875	24	27	4	3	1	14	14	6	1	2	78	8	23	2.4	2	0.2	32.7	37.6
2100	603	3	541	9	21	3	1	0	7	12	3	2	1	96	15.9	17	2.8	2	0.3	34.3	40
2200	385	6	349	2	11	0	1	1	5	6	4	0	0	80	20.8	17	4.4	2	0.5	35.9	40.9
2300	201	0	160	0	12	0	0	0	4	20	5	0	0	61	30.3	21	10.4	3	1.5	38.1	43.8
07-19	17029	75	14315	340	1185	167	133	49	421	121	146	27	50	497	2.9	71	0.4	7	0	27.1	34.2
06-22	20339	91	17190	406	1348	193	146	53	481	170	175	32	54	885	4.4	151	0.7	16	0.1	28.1	35.1
06-00	20925	97	17699	408	1371	193	147	54	490	196	184	32	54	1026	4.9	189	0.9	21	0.1	28.3	35.6
00-00	21721	104	18280	412	1488	196	149	54	506	242	204	32	54	1256	5.8	251	1.2	30	0.1	28.6	36

Site
Location
Direction

1
A49 Winwick Road -N53.412624, W2.597562
Northbound

8551 / A49 Warrington
Mar-18
Automatic Traffic Count

Friday 23 March 2018

Time	Total	Classification												JPSL 40	JPSL% 40	JSL1 46 ACPO	JSL1% 46 ACPO	JSL2 55 DfT	JSL2% 55 DfT	Mean	Vpp 85
		1 MCL	2 SV	3 SVT	4 TB2	5 TB3	6 T4	7 ART3	8 ART4	9 ART5	10 ART6	11 BD	12 DRT								
0000	122	1	82	0	16	2	1	0	5	11	4	0	0	29	23.8	5	4.1	2	1.6	37.3	41.8
0100	86	0	51	0	16	0	0	0	4	10	5	0	0	23	26.7	4	4.7	0	0	36.5	41.6
0200	74	0	53	0	10	0	1	0	2	4	4	0	0	28	37.8	8	10.8	0	0	39.1	44.7
0300	61	0	44	0	8	0	0	0	2	5	2	0	0	20	32.8	7	11.5	1	1.6	38.7	44.3
0400	107	2	70	0	21	0	0	0	2	10	2	0	0	38	35.5	8	7.5	0	0	38.2	42.9
0500	358	1	289	3	41	4	1	1	3	7	7	0	1	113	31.6	22	6.1	2	0.6	37.9	42.5
0600	625	7	487	5	86	8	10	0	11	4	7	0	0	190	30.4	48	7.7	7	1.1	37.6	42.9
0700	1115	8	851	24	130	12	20	4	30	8	19	3	6	113	10.1	11	1	4	0.4	32.2	38.3
0800	1099	4	859	25	128	15	9	2	30	11	11	1	4	67	6.1	13	1.2	0	0	31.1	37.1
0900	1147	3	915	24	123	7	14	0	31	13	13	3	1	28	2.4	4	0.3	0	0	29.1	34.4
1000	1255	5	1020	26	122	14	11	3	22	10	14	1	7	38	3	4	0.3	0	0	29.9	35.1
1100	1409	10	1217	21	103	10	9	6	22	4	4	1	2	8	0.6	2	0.1	0	0	23.5	31.8
1200	1538	9	1299	23	114	16	14	2	35	3	20	2	1	24	1.6	2	0.1	0	0	26.8	33.6
1300	1569	4	1349	21	111	13	12	2	22	10	14	2	9	17	1.1	1	0.1	0	0	26.1	32.9
1400	1572	9	1348	29	67	25	19	7	39	1	16	1	11	4	0.3	0	0	0	17.8	26.4	
1500	1686	6	1445	33	90	18	17	4	43	12	14	3	1	14	0.8	1	0.1	0	0	24	31.3
1600	1868	10	1647	44	74	9	13	1	46	3	15	3	3	7	0.4	0	0	0	0	22.1	29.3
1700	1784	13	1591	44	42	13	12	3	36	5	17	2	6	28	1.6	2	0.1	1	0.1	25.2	32.7
1800	1388	9	1240	30	40	5	5	0	41	9	6	2	1	59	4.3	8	0.6	4	0.3	31.3	36
1900	1002	2	890	25	39	4	3	0	22	8	5	2	2	33	3.3	10	1	2	0.2	30.7	35.1
2000	727	3	644	16	21	2	3	0	18	12	6	0	2	61	8.4	10	1.4	2	0.3	32.7	37.6
2100	823	6	740	16	15	7	2	1	15	16	0	1	4	63	7.7	13	1.6	2	0.2	29	37.1
2200	604	5	534	4	26	7	10	1	8	4	5	0	0	59	9.8	10	1.7	0	0	27.8	37.8
2300	271	1	233	1	11	0	0	0	6	16	3	0	0	48	17.7	12	4.4	0	0	35.7	41.4
07-19	17430	90	14781	344	1144	157	155	34	397	89	163	24	52	407	2.3	48	0.3	9	0.1	26.1	33.8
06-22	20607	108	17542	406	1305	178	173	35	463	129	181	27	60	754	3.7	129	0.6	22	0.1	27	34.7
06-00	21482	114	18309	411	1342	185	183	36	477	149	189	27	60	861	4	151	0.7	22	0.1	27.1	34.9
00-00	22290	118	18898	414	1454	191	186	37	495	196	213	27	61	1112	5	205	0.9	27	0.1	27.5	35.6

Site
Location
Direction

1

A49 Winwick Road -N53.412624, W2.597562
Northbound

8551 / A49 Warrington
Mar-18
Automatic Traffic Count

Saturday 24 March 2018

Time	Total	Classification												JPSL 40	JPSL% 40	JSL1 46 ACPO	JSL1% 46 ACPO	JSL2 55 DfT	JSL2% 55 DfT	Mean	Vpp 85
		1 MCL	2 SV	3 SVT	4 TB2	5 TB3	6 T4	7 ART3	8 ART4	9 ART5	10 ART6	11 BD	12 DRT								
0000	199	0	166	0	13	0	0	1	4	11	4	0	0	42	21.1	16	8	1	0.5	37.4	41.6
0100	122	1	94	0	12	2	0	0	2	8	3	0	0	25	20.5	12	9.8	2	1.6	37.7	40.5
0200	92	0	63	0	11	0	0	0	5	8	5	0	0	24	26.1	8	8.7	1	1.1	38	43.8
0300	90	0	73	0	12	0	0	0	0	3	2	0	0	29	32.2	9	10	3	3.3	39.5	44.3
0400	103	1	70	1	16	0	0	0	2	6	7	0	0	38	36.9	5	4.9	2	1.9	37.7	42.1
0500	229	4	189	3	21	0	0	0	0	5	7	0	0	69	30.1	17	7.4	3	1.3	38	42.9
0600	290	2	236	3	38	2	1	0	3	2	3	0	0	104	35.9	24	8.3	0	0	38.3	43.4
0700	505	1	415	4	60	3	7	1	6	2	5	0	1	112	22.2	19	3.8	3	0.6	36.2	41.4
0800	710	1	599	13	59	7	10	1	13	2	5	0	0	82	11.5	17	2.4	3	0.4	33.9	39.1
0900	990	3	843	17	76	5	11	2	26	3	2	1	1	67	6.8	7	0.7	4	0.4	31.4	36.7
1000	1249	7	1122	19	50	6	6	2	28	3	4	0	2	42	3.4	8	0.6	2	0.2	30.5	35.6
1100	1494	3	1360	31	40	6	11	2	33	3	1	1	3	25	1.7	5	0.3	1	0.1	28.9	33.8
1200	1627	5	1456	47	35	20	10	5	35	1	10	1	2	4	0.2	1	0.1	0	0	21.9	28.6
1300	1705	11	1554	42	34	9	6	0	39	1	7	1	1	8	0.5	1	0.1	0	0	22.5	29.8
1400	1664	11	1512	35	42	13	8	3	31	0	6	2	1	8	0.5	0	0	0	0	23.5	30
1500	1673	9	1532	29	37	11	10	5	24	2	7	1	6	9	0.5	2	0.1	1	0.1	24.7	30.6
1600	1648	4	1496	39	44	12	7	2	34	1	2	2	5	25	1.5	5	0.3	2	0.1	27.7	33.1
1700	1560	3	1427	37	37	5	6	1	33	0	8	1	2	34	2.2	5	0.3	0	0	29.1	33.8
1800	1191	5	1093	28	22	6	5	1	28	1	2	0	0	36	3	6	0.5	0	0	31	35.8
1900	801	3	743	10	12	8	1	1	16	3	1	1	2	72	9	12	1.5	3	0.4	32.3	37.6
2000	565	2	531	10	9	0	0	1	7	1	4	0	0	61	10.8	15	2.7	1	0.2	33	38.3
2100	446	7	412	5	14	1	0	1	3	0	3	0	0	64	14.3	25	5.6	2	0.4	34.6	39.6
2200	314	1	303	2	6	1	1	0	0	0	0	0	0	77	24.5	20	6.4	3	1	37.2	41.6
2300	260	0	250	1	6	1	0	0	1	1	0	0	0	64	24.6	11	4.2	4	1.5	37.3	41.4
07-19	16016	63	14409	341	536	103	97	25	330	19	59	10	24	452	2.8	76	0.5	16	0.1	27.3	34
06-22	18118	77	16331	369	609	114	99	28	359	25	70	11	26	753	4.2	152	0.8	22	0.1	28.1	34.9
06-00	18692	78	16884	372	621	116	100	28	360	26	70	11	26	894	4.8	183	1	29	0.2	28.3	35.3
00-00	19527	84	17539	376	706	118	100	29	373	67	98	11	26	1121	5.7	250	1.3	41	0.2	28.7	36

Site

1

Location

A49 Winwick Road -N53.412624, W2.597562

Direction

Northbound

8551 / A49 Warrington

Mar-18

Automatic Traffic Count

Sunday 25 March 2018

Time	Total	Classification												JPSL 40	JPSL% 40	JSL1 46 ACPO	JSL1% 46 ACPO	JSL2 55 DfT	JSL2% 55 DfT	Mean	Vpp 85
		1 MCL	2 SV	3 SVT	4 TB2	5 TB3	6 T4	7 ART3	8 ART4	9 ART5	10 ART6	11 BD	12 DRT								
0000	220	2	196	0	17	1	2	0	1	1	0	0	0	66	30	9	4.1	2	0.9	37.2	42.7
0100	125	0	107	1	13	0	0	1	0	2	1	0	0	46	36.8	10	8	0	0	38.8	43.6
0200	117	2	105	0	6	0	0	0	1	3	0	0	0	41	35	17	14.5	2	1.7	39.1	45.2
0300	115	0	108	0	3	0	0	0	2	0	2	0	0	33	28.7	7	6.1	0	0	37.9	41.8
0400	158	0	148	2	7	0	0	0	1	0	0	0	0	42	26.6	16	10.1	3	1.9	38	42.9
0500	172	2	151	1	13	0	0	0	1	2	2	0	0	58	33.7	16	9.3	2	1.2	38.8	43.4
0600	351	1	321	3	22	2	0	0	1	1	0	0	0	114	32.5	26	7.4	3	0.9	38.3	43.4
0700	450	2	399	0	41	1	1	0	2	3	0	1	0	129	28.7	23	5.1	5	1.1	37.8	42.9
0800	623	6	571	6	24	3	2	3	7	0	1	0	0	119	19.1	24	3.9	5	0.8	36.3	40.9
0900	888	11	786	18	41	7	3	0	15	4	1	1	1	105	11.8	19	2.1	3	0.3	33.3	38.7
1000	1215	13	1092	28	38	7	7	1	22	0	5	1	1	30	2.5	6	0.5	1	0.1	30.3	34.7
1100	1452	10	1321	35	40	4	3	0	28	0	8	1	2	12	0.8	0	0	0	0	28.1	32.7
1200	1525	4	1388	40	33	5	4	2	37	0	10	0	2	11	0.7	1	0.1	0	0	27.2	32
1300	1527	16	1382	43	25	7	7	2	33	2	8	1	1	14	0.9	2	0.1	0	0	28.3	32.9
1400	1485	6	1365	34	29	7	5	2	31	0	2	1	3	41	2.8	4	0.3	0	0	30.1	34.4
1500	1312	8	1222	16	23	4	6	2	22	1	6	0	2	61	4.6	8	0.6	4	0.3	30.9	36
1600	1035	6	956	17	32	3	3	0	14	0	4	0	0	115	11.1	33	3.2	5	0.5	33.3	38.7
1700	708	9	645	8	13	1	4	0	20	3	3	0	2	136	19.2	33	4.7	8	1.1	35.9	40.5
1800	687	4	636	10	15	3	2	0	11	0	4	0	2	72	10.5	15	2.2	2	0.3	33.5	38.7
1900	587	1	545	15	12	3	1	0	8	1	1	0	0	68	11.6	16	2.7	2	0.3	34	39.1
2000	396	5	359	11	9	0	1	0	9	0	2	0	0	61	15.4	14	3.5	5	1.3	34.7	40
2100	242	2	223	1	10	0	1	0	1	2	2	0	0	71	29.3	22	9.1	2	0.8	37.4	43.6
2200	157	3	142	0	5	1	0	0	3	1	2	0	0	34	21.7	8	5.1	1	0.6	36.9	41.2
2300	106	1	92	0	8	0	0	0	3	1	1	0	0	41	38.7	11	10.4	5	4.7	38.9	44.5
07-19	12907	95	11763	255	354	52	47	12	242	13	52	6	16	845	6.5	168	1.3	33	0.3	31	36.7
06-22	14483	104	13211	285	407	57	50	12	261	17	57	6	16	1159	8	246	1.7	45	0.3	31.5	37.4
06-00	14746	108	13445	285	420	58	50	12	267	19	60	6	16	1234	8.4	265	1.8	51	0.3	31.6	37.6
00-00	15653	114	14260	289	479	59	52	13	273	27	65	6	16	1520	9.7	340	2.2	60	0.4	32	38.3

Site
Location
Direction

1
A49 Winwick Road -N53.412624, W2.597562
Northbound

8551 / A49 Warrington
Mar-18
Automatic Traffic Count

Monday 26 March 2018

Time	Total	Classification												JPSL 40	JPSL% 40	JSL1 46 ACPO	JSL1% 46 ACPO	JSL2 55 DfT	JSL2% 55 DfT	Mean	Vpp 85
		1 MCL	2 SV	3 SVT	4 TB2	5 TB3	6 T4	7 ART3	8 ART4	9 ART5	10 ART6	11 BD	12 DRT								
0000	40	0	35	0	3	1	0	0	0	0	1	0	0	12	30	2	5	0	0	37.1	42.3
0100	42	0	25	0	12	0	0	0	2	2	1	0	0	20	47.6	5	11.9	2	4.8	40	44.5
0200	54	0	35	0	14	0	0	0	0	3	2	0	0	15	27.8	3	5.6	1	1.9	37.7	42.9
0300	85	0	68	0	11	0	0	0	2	1	3	0	0	19	22.4	3	3.5	0	0	36.2	40.7
0400	339	3	282	4	37	1	1	1	3	2	5	0	0	88	26	17	5	1	0.3	37.9	42.5
0500	591	2	465	9	79	3	11	0	15	2	4	0	1	150	25.4	27	4.6	4	0.7	36.7	42.1
0600	1047	8	853	19	99	11	8	2	25	10	9	1	2	116	11.1	27	2.6	1	0.1	32.3	38.7
0700	1101	5	902	26	101	8	9	5	24	6	8	2	5	80	7.3	15	1.4	2	0.2	31.7	37.1
0800	1096	4	851	27	128	12	13	3	24	13	17	0	4	49	4.5	10	0.9	0	0	31.3	36
0900	1179	2	936	23	137	10	10	4	22	17	13	1	4	47	4	10	0.8	0	0	31	36
1000	1318	7	1079	19	123	12	10	1	34	11	15	2	5	38	2.9	10	0.8	0	0	28.9	34.4
1100	1532	4	1292	20	132	9	10	2	36	9	13	2	3	23	1.5	4	0.3	1	0.1	28	33.8
1200	1491	10	1246	35	108	9	14	3	37	9	17	0	3	29	1.9	5	0.3	0	0	29	34
1300	1640	9	1406	27	103	14	12	6	45	10	6	0	2	21	1.3	1	0.1	0	0	27	32.4
1400	1547	8	1326	28	96	17	11	8	25	7	11	2	8	13	0.8	3	0.2	0	0	23	32
1500	1802	10	1581	44	67	24	12	5	39	3	13	0	4	9	0.5	3	0.2	0	0	19.3	27.3
1600	1810	8	1617	44	38	25	16	6	43	0	5	3	5	1	0.1	1	0.1	0	0	16.8	22.8
1700	1429	7	1264	41	40	6	9	2	37	4	15	1	3	68	4.8	7	0.5	1	0.1	29.9	35.8
1800	1055	7	957	15	31	4	2	0	24	4	7	2	2	26	2.5	7	0.7	1	0.1	29.8	34
1900	745	3	658	22	19	6	2	0	13	9	12	0	1	65	8.7	13	1.7	3	0.4	31.9	37.1
2000	550	2	494	5	18	3	0	0	14	9	4	0	1	100	18.2	24	4.4	7	1.3	35.4	40.7
2100	375	1	342	1	15	0	1	0	5	7	3	0	0	91	24.3	28	7.5	3	0.8	36.9	41.6
2200	196	2	154	1	15	1	0	0	3	13	7	0	0	54	27.6	19	9.7	3	1.5	37.7	43.2
2300	128	2	95	0	13	0	0	0	4	12	2	0	0	42	32.8	13	10.2	1	0.8	38.3	43.8
07-19	17000	81	14457	349	1104	150	128	45	390	93	140	15	48	404	2.4	76	0.4	5	0	26.4	33.8
06-22	19717	95	16804	396	1255	170	139	47	447	128	168	16	52	776	3.9	168	0.9	19	0.1	27.4	34.9
06-00	20041	99	17053	397	1283	171	139	47	454	153	177	16	52	872	4.4	200	1	23	0.1	27.6	35.1
00-00	21192	104	17963	410	1439	176	151	48	476	163	193	16	53	1176	5.5	257	1.2	31	0.1	28.1	36

Site
Location
Direction

1
A49 Winwick Road -N53.412624, W2.597562
Southbound

8551 / A49 Warrington
Mar-18
Automatic Traffic Count

Tuesday 20 March 2018

Time	Total	Classification												JPSL 40	JPSL% 40	JSL1 46 ACPO	JSL1% 46 ACPO	JSL2 55 DfT	JSL2% 55 DfT	Mean	Vpp 85
		1 MCL	2 SV	3 SVT	4 TB2	5 TB3	6 T4	7 ART3	8 ART4	9 ART5	10 ART6	11 BD	12 DRT								
0000	101	3	70	0	12	0	0	0	3	5	8	0	0	29	28.7	13	12.9	2	2	37.8	43.6
0100	67	0	39	0	11	0	0	0	3	9	5	0	0	26	38.8	4	6	1	1.5	38.8	43.6
0200	56	0	36	0	8	2	0	0	2	3	5	0	0	24	42.9	5	8.9	1	1.8	39.6	44.1
0300	82	0	59	0	10	1	1	0	0	9	2	0	0	44	53.7	14	17.1	3	3.7	41.2	46.8
0400	99	2	72	1	14	0	0	0	3	5	2	0	0	36	36.4	11	11.1	2	2	39.4	44.5
0500	424	5	348	4	45	4	3	0	9	3	3	0	0	213	50.2	49	11.6	5	1.2	40.1	45
0600	1060	4	896	10	78	9	10	1	33	9	9	1	0	506	47.7	136	12.8	9	0.8	40	45.2
0700	1818	9	1512	43	114	20	21	3	61	8	18	1	8	257	14.1	44	2.4	4	0.2	32.8	39.8
0800	1683	15	1402	46	61	28	27	9	67	4	18	4	2	6	0.4	2	0.1	0	0	19.4	24.8
0900	1581	8	1300	36	103	30	18	6	43	9	17	7	4	91	5.8	9	0.6	1	0.1	24.9	36.5
1000	1271	7	1042	20	125	15	7	4	29	9	11	1	1	172	13.5	24	1.9	2	0.2	32.7	39.4
1100	1327	6	1104	16	128	11	9	1	22	14	11	0	5	123	9.3	13	1	1	0.1	31	38.5
1200	1301	8	1055	18	138	14	13	4	22	15	9	0	5	152	11.7	27	2.1	2	0.2	31.6	38.9
1300	1260	2	1050	19	113	8	12	3	21	15	14	1	2	177	14	17	1.3	0	0	31.3	39.6
1400	1274	7	1004	27	134	13	15	3	25	22	15	1	8	177	13.9	25	2	2	0.2	31.5	39.6
1500	1306	5	1061	20	136	18	16	3	17	15	9	2	4	202	15.5	35	2.7	4	0.3	32.5	40
1600	1318	8	1121	21	98	14	10	0	31	7	5	1	2	248	18.8	35	2.7	4	0.3	33.3	40.7
1700	1389	8	1230	16	74	7	8	2	25	7	5	0	7	238	17.1	55	4	6	0.4	33	40.5
1800	1292	13	1147	11	70	10	3	0	21	7	6	0	4	186	14.4	37	2.9	3	0.2	32.3	39.6
1900	1007	2	912	14	44	4	4	1	10	8	7	0	1	172	17.1	29	2.9	3	0.3	33.3	40.3
2000	632	4	571	9	22	3	0	0	4	13	4	0	2	138	21.8	30	4.7	5	0.8	34.4	41.2
2100	434	1	381	3	27	1	3	0	7	5	5	1	0	94	21.7	26	6	3	0.7	35.1	41.4
2200	364	2	307	3	21	0	0	1	5	17	7	1	0	109	29.9	33	9.1	4	1.1	37.4	42.9
2300	192	2	146	2	16	1	0	0	9	9	6	0	1	63	32.8	17	8.9	2	1	38.2	43.2
07-19	16820	96	14028	293	1294	188	159	38	384	132	138	18	52	2029	12.1	323	1.9	29	0.2	30.3	39.1
06-22	19953	107	16788	329	1465	205	176	40	438	167	163	20	55	2939	14.7	544	2.7	49	0.2	31.2	39.8
06-00	20509	111	17241	334	1502	206	176	41	452	193	176	21	56	3111	15.2	594	2.9	55	0.3	31.4	39.8
00-00	21338	121	17865	339	1602	213	180	41	472	227	201	21	56	3483	16.3	690	3.2	69	0.3	31.7	40.3

Site
Location
Direction

1
A49 Winwick Road -N53.412624, W2.597562
Southbound

8551 / A49 Warrington
Mar-18
Automatic Traffic Count

Wednesday 21 March 2018

Time	Total	Classification												JPSL 40	JPSL% 40	JSL1 46 ACPO	JSL1% 46 ACPO	JSL2 55 DfT	JSL2% 55 DfT	Mean	Vpp 85
		1 MCL	2 SV	3 SVT	4 TB2	5 TB3	6 T4	7 ART3	8 ART4	9 ART5	10 ART6	11 BD	12 DRT								
0000	86	1	63	0	8	0	0	0	1	10	3	0	0	32	37.2	11	12.8	0	0	38.8	45.2
0100	65	0	39	0	10	0	0	0	2	6	8	0	0	22	33.8	5	7.7	0	0	38.7	41.8
0200	54	0	34	0	9	0	0	0	0	6	5	0	0	18	33.3	6	11.1	1	1.9	39.5	43.8
0300	78	0	56	1	13	2	0	0	1	4	1	0	0	28	35.9	8	10.3	1	1.3	39.2	44.1
0400	92	0	59	1	18	1	1	0	2	6	4	0	0	37	40.2	13	14.1	1	1.1	39.7	45.2
0500	399	7	328	6	32	5	6	0	6	4	5	0	0	204	51.1	57	14.3	5	1.3	40.6	45.6
0600	1061	8	888	12	88	7	12	3	27	2	11	1	2	532	50.1	149	14	7	0.7	40.4	45.6
0700	1806	6	1491	56	122	18	18	3	58	14	9	6	5	263	14.6	47	2.6	1	0.1	33.3	39.8
0800	1735	14	1438	51	78	21	20	7	73	5	16	2	10	14	0.8	1	0.1	0	0	21.8	29.1
0900	1605	8	1318	30	116	20	20	6	51	7	14	7	8	113	7	12	0.7	0	0	28	36.7
1000	1585	7	1271	22	141	15	15	3	46	14	25	10	16	79	5	11	0.7	1	0.1	29.2	36.7
1100	1488	9	1172	22	160	18	18	2	28	25	21	3	10	64	4.3	10	0.7	0	0	28.5	36.5
1200	1487	4	1218	25	144	12	11	10	31	9	11	4	8	100	6.7	23	1.5	1	0.1	29.2	37.1
1300	1404	6	1170	19	117	14	12	7	32	9	15	0	3	147	10.5	18	1.3	0	0	31	38.7
1400	1405	8	1156	14	137	14	13	3	26	17	11	2	4	152	10.8	19	1.4	1	0.1	30.7	38.7
1500	1321	3	1105	14	121	13	12	4	22	11	10	2	4	157	11.9	23	1.7	2	0.2	31.5	39.1
1600	1345	6	1155	22	89	6	6	5	29	9	14	1	3	223	16.6	32	2.4	0	0	32.4	40.3
1700	1267	7	1146	15	48	5	5	2	23	5	6	1	4	229	18.1	39	3.1	1	0.1	33.3	40.5
1800	1303	10	1156	14	68	10	3	1	27	7	4	1	2	110	8.4	17	1.3	4	0.3	31.1	37.8
1900	1005	5	905	9	45	7	5	1	13	9	3	1	2	101	10	21	2.1	2	0.2	31.4	38.5
2000	661	2	606	4	28	1	0	0	5	6	7	0	2	89	13.5	16	2.4	3	0.5	33.9	39.6
2100	426	0	378	6	19	2	2	0	3	10	5	0	1	76	17.8	19	4.5	2	0.5	34.7	40.7
2200	358	2	305	4	17	1	0	0	7	15	5	0	2	118	33	31	8.7	4	1.1	37.6	43.4
2300	220	0	179	1	19	1	1	0	5	10	4	0	0	85	38.6	25	11.4	10	4.5	39.1	44.3
07-19	17751	88	14796	304	1341	166	153	53	446	132	156	39	77	1651	9.3	252	1.4	11	0.1	29.8	38
06-22	20904	103	17573	335	1521	183	172	57	494	159	182	41	84	2449	11.7	457	2.2	25	0.1	30.7	38.9
06-00	21482	105	18057	340	1557	185	173	57	506	184	191	41	86	2652	12.3	513	2.4	39	0.2	30.9	39.1
00-00	22256	113	18636	348	1647	193	180	57	518	220	217	41	86	2993	13.4	613	2.8	47	0.2	31.2	39.4

Site
Location
Direction

1
A49 Winwick Road -N53.412624, W2.597562
Southbound

8551 / A49 Warrington
Mar-18
Automatic Traffic Count

Thursday 22 March 2018

Time	Total	Classification												JPSL 40	JPSL% 40	JSL1 46 ACPO	JSL1% 46 ACPO	JSL2 55 DfT	JSL2% 55 DfT	Mean	Vpp 85
		1 MCL	2 SV	3 SVT	4 TB2	5 TB3	6 T4	7 ART3	8 ART4	9 ART5	10 ART6	11 BD	12 DRT								
0000	104	2	82	0	8	0	0	0	0	6	5	0	1	54	51.9	16	15.4	2	1.9	40.4	45.6
0100	66	1	45	0	7	1	0	0	2	7	3	0	0	27	40.9	12	18.2	2	3	40	46.3
0200	47	1	27	0	8	0	0	0	1	5	5	0	0	19	40.4	5	10.6	0	0	39.2	43.6
0300	73	2	45	0	16	0	1	0	2	5	2	0	0	33	45.2	10	13.7	2	2.7	39.9	45
0400	111	0	79	0	20	1	0	0	4	5	2	0	0	43	38.7	12	10.8	0	0	39.5	44.3
0500	424	8	350	4	34	5	2	0	8	7	4	1	1	232	54.7	60	14.2	10	2.4	40.7	45.6
0600	1106	7	925	15	90	6	7	1	33	6	11	1	4	527	47.6	119	10.8	11	1	40	44.7
0700	1830	9	1505	53	105	16	23	7	59	14	24	1	14	237	13	25	1.4	2	0.1	32.8	39.4
0800	1806	12	1494	51	89	13	21	8	73	7	23	4	11	18	1	4	0.2	0	0	23.3	31.3
0900	1601	9	1347	23	115	24	18	6	28	11	13	1	6	88	5.5	8	0.5	1	0.1	26.3	36.2
1000	1363	6	1122	15	134	10	16	3	31	4	19	1	2	150	11	19	1.4	2	0.1	31.5	38.7
1100	1348	4	1104	18	136	18	14	3	24	8	12	2	5	167	12.4	17	1.3	0	0	32.2	39.1
1200	1352	13	1116	13	125	18	17	2	23	9	6	5	5	121	8.9	21	1.6	2	0.1	28.7	38
1300	1408	6	1176	17	118	16	18	3	30	5	13	3	3	159	11.3	18	1.3	1	0.1	31.5	38.7
1400	1421	7	1161	28	127	14	12	2	28	27	9	3	3	185	13	26	1.8	5	0.4	32	39.4
1500	1303	6	1085	16	122	10	15	2	21	7	12	3	4	175	13.4	20	1.5	0	0	32.1	39.4
1600	1381	11	1194	17	93	6	9	0	21	4	17	2	7	180	13	32	2.3	7	0.5	32.2	39.1
1700	1401	6	1245	23	73	8	7	1	21	7	5	2	3	241	17.2	38	2.7	3	0.2	32.7	40.3
1800	1263	11	1128	11	56	7	6	0	23	8	7	2	4	182	14.4	41	3.2	4	0.3	32.4	39.8
1900	1003	6	893	11	52	4	4	1	12	9	8	1	2	105	10.5	14	1.4	1	0.1	31.7	38.5
2000	708	1	631	3	34	6	3	0	6	12	12	0	0	140	19.8	29	4.1	5	0.7	34	41.2
2100	437	1	390	4	20	4	2	0	4	5	5	0	2	82	18.8	12	2.7	2	0.5	34.7	40.7
2200	360	5	305	3	16	3	0	0	5	13	8	1	1	78	21.7	18	5	2	0.6	36.6	41.2
2300	204	0	175	1	8	1	0	0	8	7	4	0	0	60	29.4	17	8.3	4	2	38.3	42.5
07-19	17477	100	14677	285	1293	160	176	37	382	111	160	29	67	1903	10.9	269	1.5	27	0.2	30.4	38.7
06-22	20731	115	17516	318	1489	180	192	39	437	143	196	31	75	2757	13.3	443	2.1	46	0.2	31.2	39.4
06-00	21295	120	17996	322	1513	184	192	39	450	163	208	32	76	2895	13.6	478	2.2	52	0.2	31.4	39.4
00-00	22120	134	18624	326	1606	191	195	39	467	198	229	33	78	3303	14.9	593	2.7	68	0.3	31.7	39.8

Site
Location
Direction

1
A49 Winwick Road -N53.412624, W2.597562
Southbound

8551 / A49 Warrington
Mar-18
Automatic Traffic Count

Friday 23 March 2018

Time	Total	Classification												JPSL 40	JPSL% 40	JSL1 46 ACPO	JSL1% ACPO	JSL2 55 DfT	JSL2% DfT	Mean	Vpp 85
		1 MCL	2 SV	3 SVT	4 TB2	5 TB3	6 T4	7 ART3	8 ART4	9 ART5	10 ART6	11 BD	12 DRT								
0000	98	2	64	0	17	0	0	0	1	8	6	0	0	30	30.6	6	6.1	1	1	37.7	41.8
0100	67	1	45	0	8	0	0	0	5	5	3	0	0	23	34.3	4	6	0	0	38.3	43.4
0200	66	1	37	1	11	1	1	1	1	8	4	0	0	24	36.4	3	4.5	0	0	38.4	42.9
0300	60	0	47	0	7	0	0	0	1	4	1	0	0	28	46.7	6	10	0	0	39.6	44.5
0400	95	1	73	0	13	0	0	0	2	2	4	0	0	35	36.8	11	11.6	1	1.1	39.3	44.1
0500	398	9	324	5	33	5	6	0	8	3	4	0	1	180	45.2	52	13.1	8	2	40.1	45.2
0600	1057	6	859	16	102	7	18	1	18	8	20	0	2	493	46.6	113	10.7	9	0.9	39.7	44.7
0700	1827	8	1484	51	124	25	19	9	68	9	26	1	3	225	12.3	33	1.8	1	0.1	31.5	39.1
0800	1847	8	1529	33	134	16	22	6	52	7	24	6	10	75	4.1	9	0.5	0	0	29.2	36
0900	1510	7	1233	21	135	18	16	7	42	7	15	2	7	177	11.7	18	1.2	0	0	31.2	38.9
1000	1338	6	1079	16	153	13	13	3	18	15	16	2	4	156	11.7	24	1.8	1	0.1	31.9	38.9
1100	1395	12	1155	18	134	11	18	3	21	9	12	1	1	160	11.5	30	2.2	1	0.1	31.4	38.7
1200	1420	9	1188	21	130	8	16	4	22	11	9	0	2	108	7.6	19	1.3	2	0.1	30.3	37.6
1300	1471	8	1232	19	129	15	12	8	24	7	11	2	4	166	11.3	20	1.4	4	0.3	30.5	38.9
1400	1396	6	1157	12	113	18	21	4	32	8	18	2	5	109	7.8	13	0.9	3	0.2	28.8	37.8
1500	1400	9	1173	23	110	17	14	2	26	13	8	3	2	186	13.3	27	1.9	3	0.2	31.9	39.4
1600	1304	11	1125	19	71	8	6	5	33	9	8	1	8	230	17.6	42	3.2	4	0.3	32.5	40.7
1700	1395	10	1256	10	62	6	7	1	22	10	8	0	3	237	17	43	3.1	3	0.2	33	40.3
1800	1430	4	1285	25	52	9	9	5	28	3	8	1	1	134	9.4	26	1.8	1	0.1	30.9	38.3
1900	1082	5	961	15	54	4	4	0	19	12	8	0	0	126	11.6	37	3.4	3	0.3	31.8	38.9
2000	698	4	628	4	30	3	2	0	7	10	9	0	1	126	18.1	30	4.3	2	0.3	34.4	40.5
2100	507	1	457	3	25	2	0	0	7	7	4	0	1	126	24.9	22	4.3	2	0.4	35.9	42.3
2200	436	6	385	1	16	1	1	0	4	12	8	1	1	141	32.3	22	5	4	0.9	37.3	42.3
2300	287	1	247	0	20	2	0	0	6	9	2	0	0	75	26.1	14	4.9	2	0.7	36.8	41.8
07-19	17733	98	14896	268	1347	164	173	57	388	108	163	21	50	1963	11.1	304	1.7	23	0.1	31	38.7
06-22	21077	114	17801	306	1558	180	197	58	439	145	204	21	54	2834	13.4	506	2.4	39	0.2	31.7	39.4
06-00	21800	121	18433	307	1594	183	198	58	449	166	214	22	55	3050	14	542	2.5	45	0.2	31.9	39.6
00-00	22584	135	19023	313	1683	189	205	59	467	196	236	22	56	3370	14.9	624	2.8	55	0.2	32.2	39.8

Site
Location
Direction

1
A49 Winwick Road -N53.412624, W2.597562
Southbound

8551 / A49 Warrington
Mar-18
Automatic Traffic Count

Saturday 24 March 2018

Time	Total	Classification												JPSL 40	JPSL% 40	JSL1 46 ACPO	JSL1% 46 ACPO	JSL2 55 DfT	JSL2% 55 DfT	Mean	Vpp 85
		1 MCL	2 SV	3 SVT	4 TB2	5 TB3	6 T4	7 ART3	8 ART4	9 ART5	10 ART6	11 BD	12 DRT								
0000	177	1	156	0	6	1	2	1	2	2	5	1	0	40	22.6	10	5.6	0	0	37.2	41.4
0100	120	1	93	0	6	0	0	0	2	9	8	0	1	39	32.5	9	7.5	1	0.8	38.1	43.4
0200	82	0	62	1	9	0	0	0	1	5	4	0	0	28	34.1	8	9.8	2	2.4	38.5	44.5
0300	90	0	67	0	13	1	0	0	2	4	2	1	0	40	44.4	11	12.2	1	1.1	39	43.8
0400	109	1	84	1	18	1	0	0	0	4	0	0	0	33	30.3	10	9.2	0	0	38.3	42.7
0500	215	1	182	0	23	2	0	0	1	6	0	0	0	82	38.1	20	9.3	5	2.3	39.1	43.6
0600	385	3	324	2	43	2	2	1	7	0	1	0	0	182	47.3	44	11.4	5	1.3	40.4	44.7
0700	602	0	507	11	65	1	3	1	9	2	2	1	0	265	44	71	11.8	7	1.2	39.7	44.5
0800	1092	4	961	14	66	6	6	1	23	4	6	0	1	247	22.6	55	5	5	0.5	35.4	41.4
0900	1238	2	1098	22	67	7	10	0	24	3	5	0	0	228	18.4	30	2.4	3	0.2	33.3	40.5
1000	1459	7	1309	19	58	16	9	2	27	3	6	0	3	170	11.7	32	2.2	3	0.2	31.2	39.1
1100	1539	10	1405	17	48	7	10	1	22	5	10	1	3	98	6.4	15	1	2	0.1	29.7	37.4
1200	1504	14	1351	24	48	17	9	2	24	3	5	0	7	104	6.9	16	1.1	1	0.1	28.6	37.6
1300	1499	14	1377	16	48	5	9	2	18	6	3	0	1	138	9.2	28	1.9	4	0.3	30	38
1400	1385	10	1286	13	39	7	7	1	16	1	2	0	3	128	9.2	21	1.5	2	0.1	29.5	38.3
1500	1400	14	1296	16	44	3	5	3	9	5	2	0	3	130	9.3	24	1.7	2	0.1	29.5	37.8
1600	1255	5	1151	21	40	5	8	1	16	1	5	0	2	179	14.3	35	2.8	1	0.1	31.5	39.6
1700	1190	7	1090	11	42	6	6	0	16	2	6	0	4	188	15.8	43	3.6	3	0.3	32.2	40.3
1800	1102	5	1014	7	45	3	5	1	14	3	5	0	0	192	17.4	28	2.5	2	0.2	32.7	40.5
1900	825	2	764	7	33	3	1	0	13	0	2	0	0	154	18.7	32	3.9	5	0.6	34.1	40.9
2000	550	2	519	4	13	2	0	0	6	1	2	0	1	101	18.4	18	3.3	3	0.5	34.5	40.7
2100	456	2	433	4	12	1	0	0	2	2	0	0	0	120	26.3	19	4.2	5	1.1	36.6	42.5
2200	344	0	329	0	14	1	0	0	0	0	0	0	0	90	26.2	22	6.4	5	1.5	37.5	41.4
2300	287	0	262	3	17	0	0	0	5	0	0	0	0	89	31	19	6.6	1	0.3	38	41.8
07-19	15265	92	13845	191	610	83	87	15	218	38	57	2	27	2067	13.5	398	2.6	35	0.2	31.4	39.4
06-22	17481	101	15885	208	711	91	90	16	246	41	62	2	28	2624	15	511	2.9	53	0.3	31.9	39.8
06-00	18112	101	16476	211	742	92	90	16	251	41	62	2	28	2803	15.5	552	3	59	0.3	32.1	40
00-00	18905	105	17120	213	817	97	92	17	259	71	81	4	29	3065	16.2	620	3.3	68	0.4	32.4	40.3

Site
Location
Direction

1
A49 Winwick Road -N53.412624, W2.597562
Southbound

8551 / A49 Warrington
Mar-18
Automatic Traffic Count

Sunday 25 March 2018

Time	Total	Classification												JPSL 40	JPSL% 40	JSL1 46 ACPO	JSL1% 46 ACPO	JSL2 55 DfT	JSL2% 55 DfT	Mean	Vpp 85
		1 MCL	2 SV	3 SVT	4 TB2	5 TB3	6 T4	7 ART3	8 ART4	9 ART5	10 ART6	11 BD	12 DRT								
0000	205	0	188	2	11	2	0	0	0	2	0	0	0	87	42.4	15	7.3	1	0.5	39.2	43.4
0100	121	2	96	0	19	0	0	0	1	2	1	0	0	55	45.5	15	12.4	1	0.8	40.1	45
0200	111	0	104	0	6	0	0	0	0	1	0	0	0	51	45.9	12	10.8	2	1.8	39.7	44.1
0300	94	0	86	0	4	1	0	0	0	2	1	0	0	42	44.7	11	11.7	0	0	39.7	44.5
0400	123	2	115	0	4	0	0	0	2	0	0	0	0	60	48.8	20	16.3	3	2.4	40.4	46.1
0500	210	0	186	1	14	3	0	0	3	3	0	0	0	107	51	29	13.8	3	1.4	40.5	45.2
0600	318	1	285	2	22	0	0	0	3	1	4	0	0	167	52.5	59	18.6	6	1.9	41.2	46.8
0700	365	1	329	3	24	2	1	1	0	3	1	0	0	173	47.4	41	11.2	2	0.5	39.6	44.7
0800	654	2	597	7	29	3	1	0	11	3	1	0	0	257	39.3	75	11.5	9	1.4	39.2	44.5
0900	1095	6	1004	10	47	2	1	1	15	1	5	1	2	301	27.5	69	6.3	11	1	35.7	42.5
1000	1435	12	1317	25	37	8	5	0	19	0	9	0	3	138	9.6	22	1.5	2	0.1	30.7	38.7
1100	1421	15	1300	24	41	7	6	2	19	2	2	0	3	124	8.7	18	1.3	1	0.1	29.9	37.8
1200	1532	17	1420	14	34	7	8	1	25	2	3	0	1	112	7.3	27	1.8	1	0.1	28.7	37.4
1300	1331	10	1243	15	29	4	5	1	14	1	4	1	4	129	9.7	26	2	3	0.2	29.4	38.7
1400	1352	16	1265	14	32	6	2	0	13	1	2	0	1	179	13.2	32	2.4	4	0.3	31.1	39.4
1500	1010	13	914	20	31	4	2	0	18	3	4	0	1	239	23.7	57	5.6	10	1	34.8	41.6
1600	901	13	816	14	35	1	5	1	11	1	4	0	0	240	26.6	65	7.2	9	1	35.4	42.3
1700	802	11	744	6	23	1	1	0	11	2	3	0	0	301	37.5	90	11.2	13	1.6	38.3	44.5
1800	735	4	669	8	34	3	1	0	11	1	1	1	2	205	27.9	49	6.7	5	0.7	36.1	42.7
1900	531	5	502	4	13	2	1	0	2	1	1	0	0	140	26.4	37	7	5	0.9	36.1	42.3
2000	352	0	325	1	12	1	2	0	6	1	4	0	0	105	29.8	18	5.1	1	0.3	36.4	42.1
2100	228	2	214	0	7	0	0	0	3	1	1	0	0	93	40.8	32	14	9	3.9	39.6	45.4
2200	144	0	136	0	5	0	0	0	1	0	2	0	0	43	29.9	10	6.9	4	2.8	38.5	42.9
2300	87	2	78	0	5	0	0	0	0	0	2	0	0	28	32.2	4	4.6	0	0	37.9	43.4
07-19	12633	120	11618	160	396	48	38	7	167	20	39	3	17	2398	19	571	4.5	70	0.6	32.9	40.9
06-22	14062	128	12944	167	450	51	41	7	181	24	49	3	17	2903	20.6	717	5.1	91	0.6	33.4	41.4
06-00	14293	130	13158	167	460	51	41	7	182	24	53	3	17	2974	20.8	731	5.1	95	0.7	33.5	41.4
00-00	15157	134	13933	170	518	57	41	7	188	34	55	3	17	3376	22.3	833	5.5	105	0.7	33.8	41.6

Site
Location
Direction

1
A49 Winwick Road -N53.412624, W2.597562
Southbound

8551 / A49 Warrington
Mar-18
Automatic Traffic Count

Monday 26 March 2018

Time	Total	Classification												JPSL 40	JPSL% 40	JSL1 46 ACPO	JSL1% 46 ACPO	JSL2 55 DfT	JSL2% 55 DfT	Mean	Vpp 85
		1 MCL	2 SV	3 SVT	4 TB2	5 TB3	6 T4	7 ART3	8 ART4	9 ART5	10 ART6	11 BD	12 DRT								
0000	48	0	43	0	4	0	0	0	1	0	0	0	0	27	56.3	9	18.8	1	2.1	41.5	46.3
0100	44	0	34	0	4	0	0	0	0	4	2	0	0	18	40.9	4	9.1	0	0	39	43.4
0200	55	1	44	0	8	0	0	0	1	0	1	0	0	23	41.8	7	12.7	0	0	40.6	45.2
0300	95	1	74	0	15	0	1	0	2	1	1	0	0	43	45.3	14	14.7	1	1.1	40.4	45.9
0400	403	6	343	2	26	7	1	0	10	4	3	0	1	213	52.9	48	11.9	4	1	40.2	45
0500	985	6	814	11	92	15	10	2	21	7	7	0	0	417	42.3	95	9.6	7	0.7	39.3	44.5
0600	1769	8	1502	34	100	14	18	5	52	5	18	5	8	204	11.5	21	1.2	0	0	31.5	39.1
0700	1777	10	1479	48	90	16	23	5	71	8	16	5	6	12	0.7	2	0.1	0	0	21.4	29.3
0800	1521	6	1243	30	134	13	22	4	45	6	15	1	2	116	7.6	15	1	0	0	27.9	37.4
0900	1395	6	1113	23	153	17	14	2	30	9	19	2	7	196	14.1	21	1.5	2	0.1	31.6	39.6
1000	1335	8	1088	16	155	7	13	1	22	12	11	0	2	134	10	22	1.6	0	0	30.9	38.5
1100	1417	3	1206	16	108	17	15	2	25	8	13	3	1	123	8.7	16	1.1	1	0.1	30.1	38.3
1200	1398	10	1157	25	126	9	8	4	36	7	12	2	2	128	9.2	12	0.9	3	0.2	29.6	38
1300	1370	5	1155	21	110	14	12	0	27	6	12	1	7	132	9.6	19	1.4	2	0.1	30.7	38.5
1400	1335	11	1127	13	107	22	5	3	26	5	12	1	3	224	16.8	32	2.4	2	0.1	32.3	40.3
1500	1328	7	1161	13	97	6	4	1	26	2	7	1	3	200	15.1	38	2.9	2	0.2	33.1	39.8
1600	1306	6	1141	23	76	8	6	2	30	6	4	1	3	290	22.2	56	4.3	5	0.4	34	41.4
1700	1356	15	1199	18	71	6	5	2	25	6	8	0	1	205	15.1	29	2.1	3	0.2	32.7	40
1800	1008	3	893	9	54	7	6	1	19	4	10	1	1	153	15.2	34	3.4	4	0.4	32.6	40
1900	694	0	623	9	30	2	2	0	10	8	9	0	1	134	19.3	22	3.2	3	0.4	34.1	40.7
2000	422	2	375	1	18	3	0	0	8	12	3	0	0	100	23.7	25	5.9	2	0.5	36.2	41.6
2100	343	4	295	1	14	1	2	0	8	9	9	0	0	110	32.1	22	6.4	2	0.6	37.5	43.2
2200	221	1	178	0	19	0	0	0	8	9	6	0	0	82	37.1	26	11.8	3	1.4	38.8	44.3
2300	95	0	74	1	6	0	0	0	0	12	2	0	0	34	35.8	6	6.3	0	0	38.9	42.5
07-19	16546	90	13962	255	1281	142	133	27	382	79	139	18	38	1913	11.6	296	1.8	24	0.1	30.3	38.9
06-22	19774	104	16757	300	1443	162	155	32	460	113	178	23	47	2461	12.4	386	2	31	0.2	30.8	39.1
06-00	20090	105	17009	301	1468	162	155	32	468	134	186	23	47	2577	12.8	418	2.1	34	0.2	30.9	39.4
00-00	21720	119	18361	314	1617	184	167	34	503	150	200	23	48	3318	15.3	595	2.7	47	0.2	31.6	40

1

A49 Winwick Road -N53.412624, W2.597562

Northbound

7 Day Average Northbound

Time	Total
0000	130
0100	84
0200	76
0300	79
0400	143
0500	351
0600	588
0700	930
0800	973
0900	1075
1000	1218
1100	1401
1200	1469
1300	1553
1400	1581
1500	1635
1600	1682
1700	1511
1800	1249
1900	918
2000	713
2100	535
2200	344
2300	197
07-19	16277
06-00	19571
00-00	20435

AADT Factor 14.8169

5 Day Average Northbound

Time	Total
0000	99
0100	68
0200	65
0300	70
0400	148
0500	411
0600	694
0700	1110
0800	1096
0900	1130
1000	1212
1100	1372
1200	1426
1300	1527
1400	1584
1500	1693
1600	1818
1700	1662
1800	1373
1900	1007
2000	806
2100	611
2200	387
2300	203
07-19	17004
06-00	20712
00-00	21574

AAWT Factor 15.0174

1

A49 Winwick Road -N53.412624, W2.597562

Southbound

7 Day Average Southbound

Time	Total
0000	117
0100	79
0200	67
0300	82
0400	147
0500	436
0600	965
0700	1432
0800	1477
0900	1432
1000	1398
1100	1419
1200	1428
1300	1392
1400	1367
1500	1295
1600	1259
1700	1257
1800	1162
1900	878
2000	575
2100	404
2200	318
2300	196
07-19	16318
06-00	19654
00-00	20583

AADT Factor 13.3655

5 Day Average Northbound

Time	Total
0000	87
0100	62
0200	56
0300	78
0400	160
0500	526
0600	1211
0700	1812
0800	1718
0900	1538
1000	1378
1100	1395
1200	1392
1300	1383
1400	1366
1500	1332
1600	1331
1700	1362
1800	1259
1900	958
2000	624
2100	429
2200	348
2300	200
07-19	17265
06-00	21035
00-00	22004

AAWT Factor 13.6592

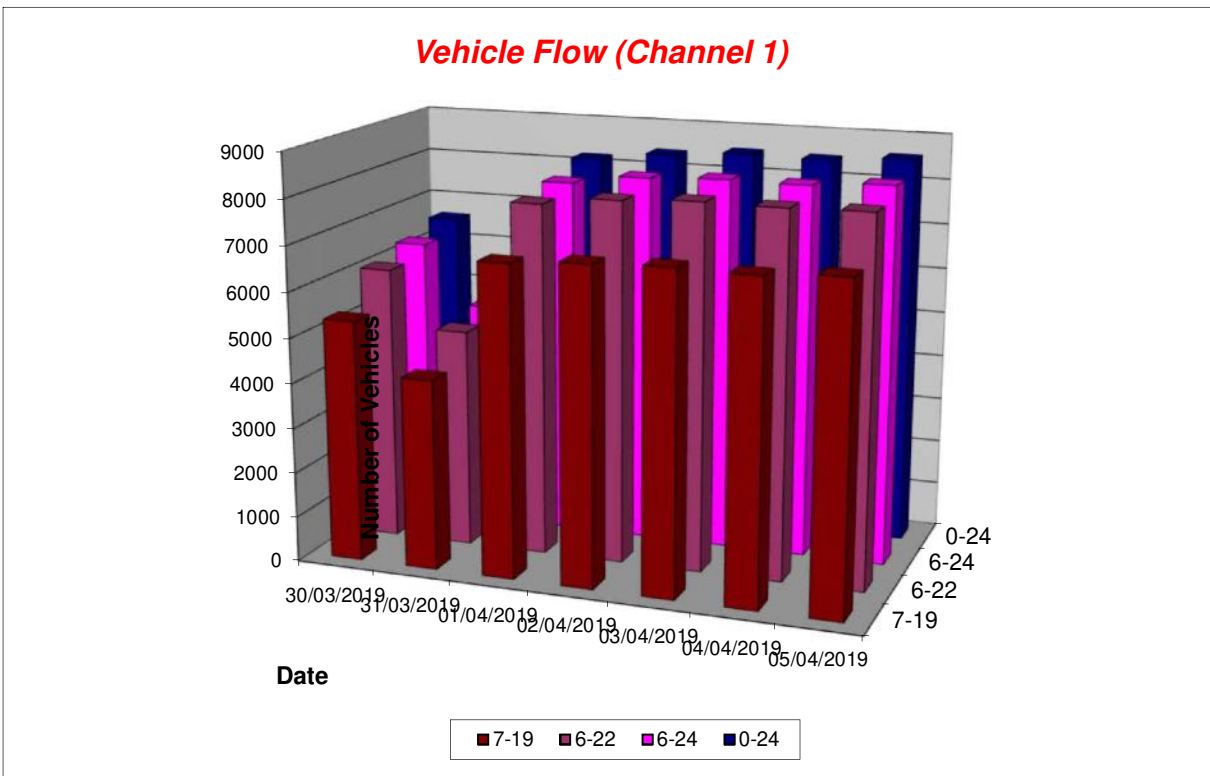
Appendix 2

ATC Data – A50

Warrington ATC K, A50

Produced by Road Data Services Ltd.

Channel 1 - Westbound						Vehicle Flow		Week 1	
	30/03/2019	31/03/2019	01/04/2019	02/04/2019	03/04/2019	04/04/2019	05/04/2019		
Hr Ending	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	5 Day Ave	7 Day Ave
1	84	82	40	28	26	20	35	30	45
2	37	40	14	16	22	19	19	18	24
3	24	0	12	6	11	9	11	10	10
4	23	32	10	7	25	10	19	14	18
5	21	23	37	25	30	26	22	28	26
6	70	61	141	152	165	168	153	156	130
7	105	74	195	214	259	242	231	228	189
8	209	91	571	596	609	632	562	594	467
9	285	133	708	678	765	742	667	712	568
10	474	269	584	591	643	614	623	611	543
11	495	405	455	493	425	448	476	459	457
12	566	482	402	492	448	482	523	469	485
13	532	553	514	481	536	481	553	513	521
14	551	494	482	463	487	491	504	485	496
15	483	462	486	468	476	488	520	488	483
16	500	399	584	626	543	590	647	598	556
17	447	283	743	731	747	740	719	736	630
18	432	324	707	723	703	669	684	697	606
19	378	327	635	643	661	642	645	645	562
20	269	251	328	357	325	350	322	336	315
21	206	165	223	225	241	236	214	228	216
22	163	138	170	193	190	195	185	187	176
23	117	97	109	121	113	125	152	124	119
24	111	58	46	60	53	45	89	59	66
7-19	5352	4222	6871	6985	7043	7019	7123	7008	6374
6-22	6095	4850	7787	7974	8058	8042	8075	7987	7269
6-24	6323	5005	7942	8155	8224	8212	8316	8170	7454
0-24	6582	5243	8196	8389	8503	8464	8575	8425	7707



Warrington ATC K, A50

Produced by Road Data Services Ltd.

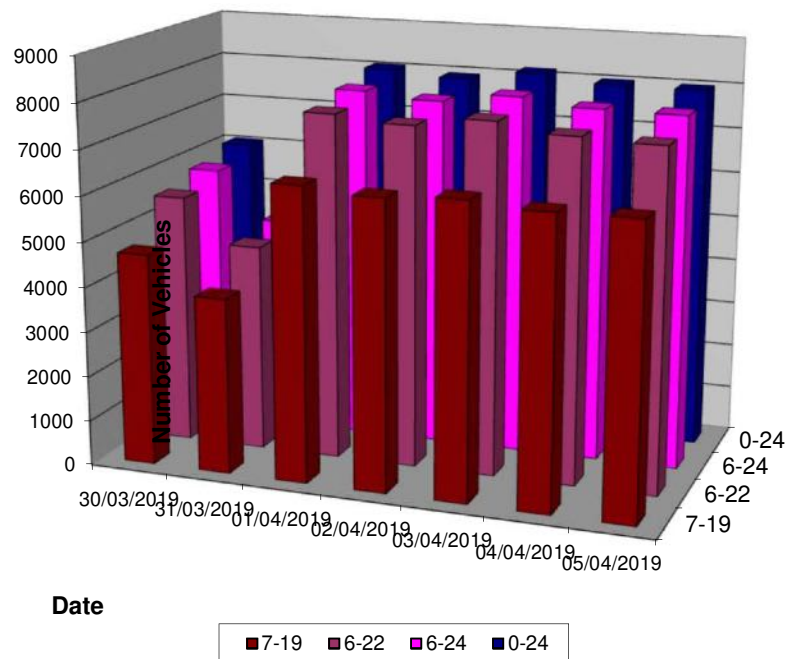
Channel 2 - Eastbound

Vehicle Flow

Week 1

Hr Ending	30/03/2019 Saturday	31/03/2019 Sunday	01/04/2019 Monday	02/04/2019 Tuesday	03/04/2019 Wednesday	04/04/2019 Thursday	05/04/2019 Friday	5 Day Ave	7 Day Ave
1	84	68	35	40	37	31	42	37	48
2	43	34	16	14	16	14	17	15	22
3	22	0	11	13	9	10	11	11	11
4	23	28	11	8	10	18	15	12	16
5	26	22	29	33	30	32	26	30	28
6	56	38	93	92	112	107	106	102	86
7	88	58	252	259	285	259	231	257	205
8	117	65	892	817	845	880	809	849	632
9	205	100	611	620	602	563	575	594	468
10	354	164	494	487	523	543	540	517	444
11	402	315	334	346	350	344	360	347	350
12	453	446	404	385	429	407	411	407	419
13	495	446	422	433	439	424	483	440	449
14	491	439	417	450	441	438	418	433	442
15	459	438	450	465	520	522	523	496	482
16	420	470	477	470	450	470	441	462	457
17	435	367	694	618	634	658	558	632	566
18	435	330	703	663	654	567	633	644	569
19	438	320	594	616	587	547	628	594	533
20	361	272	404	403	391	376	356	386	366
21	236	232	316	304	355	323	298	319	295
22	174	136	197	198	237	220	216	214	197
23	141	89	125	139	131	165	191	150	140
24	105	71	73	67	71	86	102	80	82
7-19	4704	3900	6492	6370	6474	6363	6379	6416	5812
6-22	5563	4598	7661	7534	7742	7541	7480	7592	6874
6-24	5809	4758	7859	7740	7944	7792	7773	7822	7096
0-24	6063	4948	8054	7940	8158	8004	7990	8029	7308

Vehicle Flow (Channel 2)



A50

Westbound

7 Day Average Westbound

Time	Total
0000	45
0100	24
0200	10
0300	18
0400	26
0500	130
0600	189
0700	467
0800	568
0900	543
1000	457
1100	485
1200	521
1300	496
1400	483
1500	556
1600	630
1700	606
1800	562
1900	315
2000	216
2100	176
2200	119
2300	66
07-19	6374
06-00	7454
00-00	7707

AADT Factor 10.9387

5 Day Average Westbound

Time	Total
0000	30
0100	18
0200	10
0300	14
0400	28
0500	156
0600	228
0700	594
0800	712
0900	611
1000	459
1100	469
1200	513
1300	485
1400	488
1500	598
1600	736
1700	697
1800	645
1900	336
2000	228
2100	187
2200	124
2300	59
07-19	7008
06-00	8170
00-00	8425

AAWT Factor 11.5949

A50

Eastbound

7 Day Average Eastbound

Time	Total
0000	48
0100	22
0200	11
0300	16
0400	28
0500	86
0600	205
0700	632
0800	468
0900	444
1000	350
1100	419
1200	449
1300	442
1400	482
1500	457
1600	566
1700	569
1800	533
1900	366
2000	295
2100	197
2200	140
2300	82
07-19	5812
06-00	7096
00-00	7308

AADT Factor 11.8045

5 Day Average Eastbound

Time	Total
0000	37
0100	15
0200	11
0300	12
0400	30
0500	102
0600	257
0700	849
0800	594
0900	517
1000	347
1100	407
1200	440
1300	433
1400	496
1500	462
1600	632
1700	644
1800	594
1900	386
2000	319
2100	214
2200	150
2300	80
07-19	6416
06-00	7822
00-00	8029

AAWT Factor 12.6338

Appendix 3

ATC Data – Poplars Avenue

Warrington ATC F, Poplars Avenue

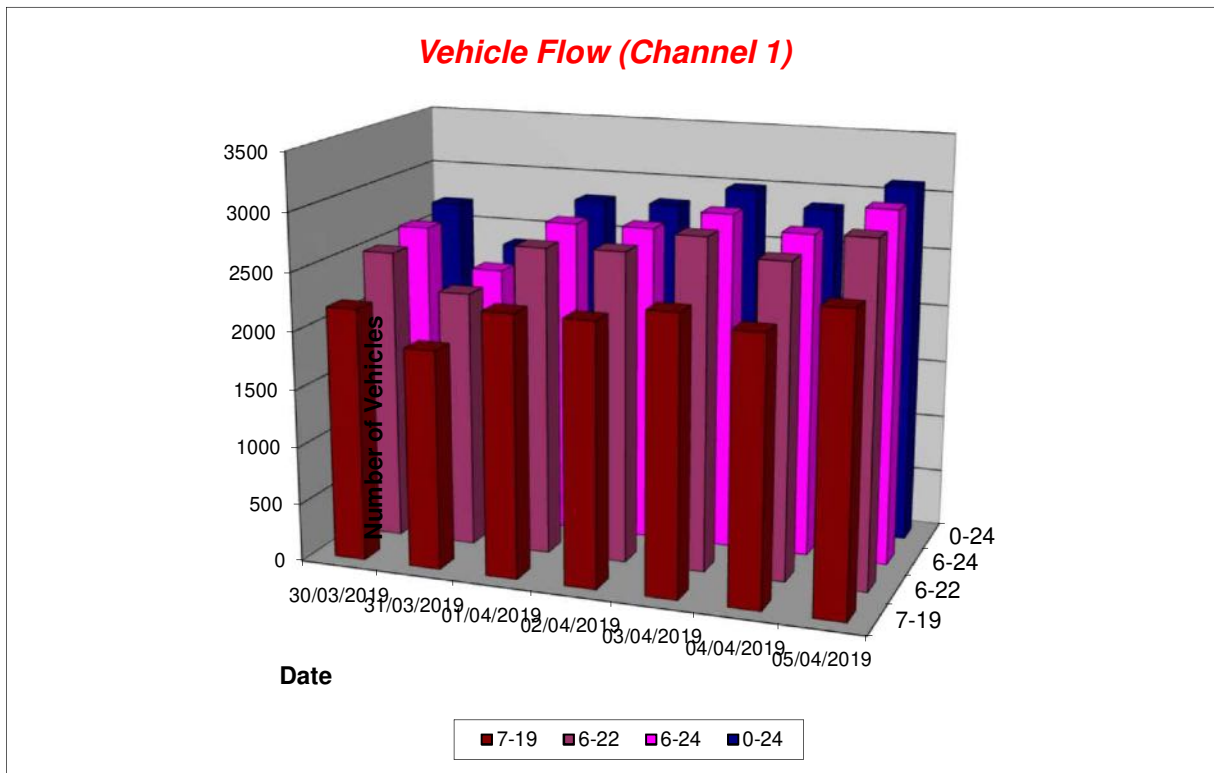
Produced by Road Data Services Ltd.

Channel 1 - Westbound

Vehicle Flow

Week 1

Hr Ending	30/03/2019 Saturday	31/03/2019 Sunday	01/04/2019 Monday	02/04/2019 Tuesday	03/04/2019 Wednesday	04/04/2019 Thursday	05/04/2019 Friday	5 Day Ave	7 Day Ave
1	20	24	12	14	14	12	12	13	15
2	14	15	5	2	4	4	5	4	7
3	8	0	1	4	2	3	2	2	3
4	9	8	7	6	5	3	3	5	6
5	11	18	7	14	16	13	11	12	13
6	30	17	42	35	43	44	37	40	35
7	32	24	58	62	76	73	78	69	58
8	67	45	143	140	129	126	130	134	111
9	115	57	183	187	174	146	163	171	146
10	162	110	136	142	178	146	172	155	149
11	180	147	134	142	135	174	170	151	155
12	207	207	143	144	156	175	172	158	172
13	214	248	170	143	156	147	172	158	179
14	232	228	179	168	185	162	239	187	199
15	233	220	186	155	195	169	189	179	192
16	194	189	222	242	246	213	282	241	227
17	208	151	300	275	276	277	291	284	254
18	195	164	276	301	331	325	284	303	268
19	178	127	190	221	224	226	266	225	205
20	129	128	160	160	172	149	146	157	149
21	100	102	101	115	124	116	98	111	108
22	73	70	80	82	95	77	85	84	80
23	48	37	52	49	36	55	61	51	48
24	41	22	24	15	22	32	38	26	28
7-19	2185	1893	2262	2260	2385	2286	2530	2345	2257
6-22	2519	2217	2661	2679	2852	2701	2937	2766	2652
6-24	2608	2276	2737	2743	2910	2788	3036	2843	2728
0-24	2700	2358	2811	2818	2994	2867	3106	2919	2808



Warrington ATC F, Poplars Avenue

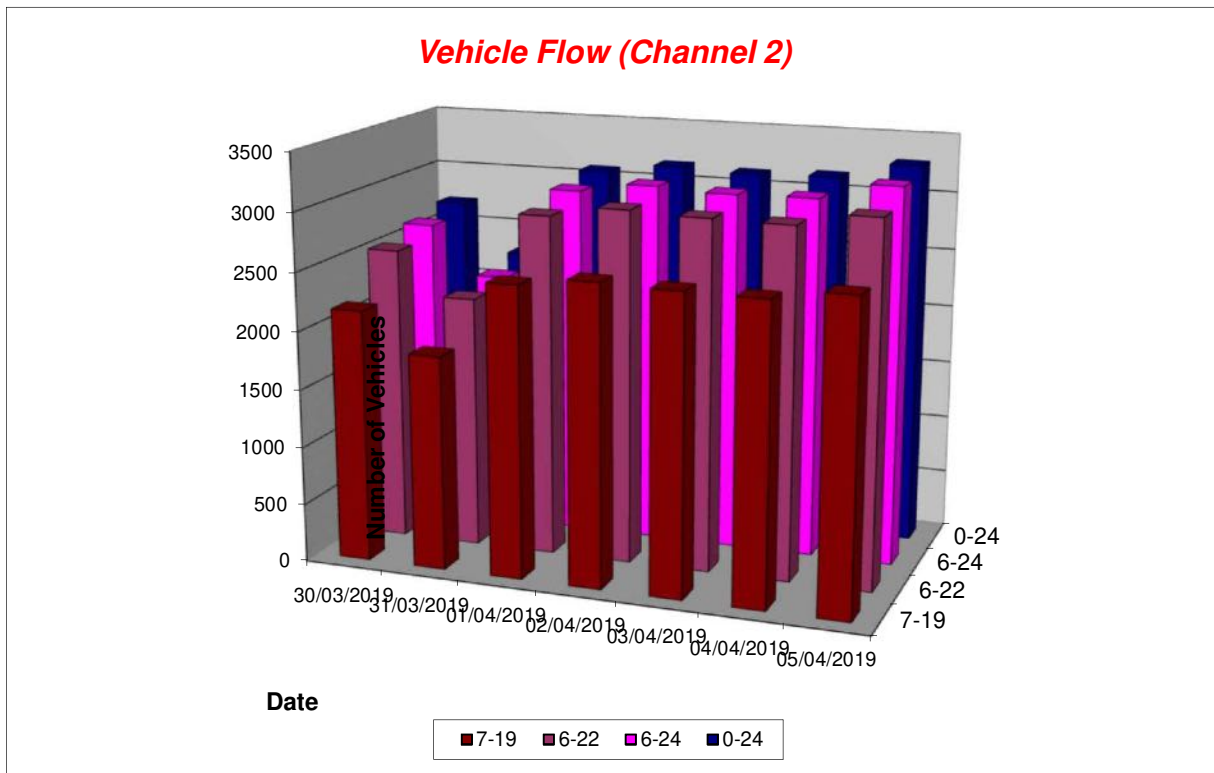
Produced by Road Data Services Ltd.

Channel 2 - Eastbound

Vehicle Flow

Week 1

Hr Ending	30/03/2019 Saturday	31/03/2019 Sunday	01/04/2019 Monday	02/04/2019 Tuesday	03/04/2019 Wednesday	04/04/2019 Thursday	05/04/2019 Friday	5 Day Ave	7 Day Ave
1	17	20	8	7	11	17	16	12	14
2	13	16	7	4	4	4	4	5	7
3	9	0	4	8	3	4	3	4	4
4	10	12	7	6	7	5	6	6	8
5	7	11	4	3	3	4	11	5	6
6	19	10	27	27	27	30	18	26	23
7	33	21	90	105	95	97	75	92	74
8	54	28	274	257	253	284	237	261	198
9	82	49	326	334	348	329	315	330	255
10	153	101	172	176	172	176	152	170	157
11	179	135	130	159	137	117	144	137	143
12	197	183	162	159	158	172	168	164	171
13	197	209	161	177	169	173	225	181	187
14	236	252	159	168	180	164	190	172	193
15	226	201	205	216	213	215	218	213	213
16	218	206	247	231	217	223	236	231	225
17	215	162	216	227	265	238	251	239	225
18	222	171	222	268	233	235	260	244	230
19	189	146	222	199	210	220	235	217	203
20	139	134	137	161	148	145	176	153	149
21	122	102	132	107	114	127	123	121	118
22	75	70	73	79	88	76	94	82	79
23	60	30	63	60	48	72	90	67	60
24	34	15	29	20	27	22	37	27	26
7-19	2168	1843	2496	2571	2555	2546	2631	2560	2401
6-22	2537	2170	2928	3023	3000	2991	3099	3008	2821
6-24	2631	2215	3020	3103	3075	3085	3226	3102	2908
0-24	2706	2284	3077	3158	3130	3149	3284	3160	2970



Poplars Avenue
Westbound

7 Day Average Westbound

Time	Total
0000	15
0100	7
0200	3
0300	6
0400	13
0500	35
0600	58
0700	111
0800	146
0900	149
1000	155
1100	172
1200	179
1300	199
1400	192
1500	227
1600	254
1700	268
1800	205
1900	149
2000	108
2100	80
2200	48
2300	28
07-19	2257
06-00	2728
00-00	2808

AADT Factor 11.8469

5 Day Average Westbound

Time	Total
0000	13
0100	4
0200	2
0300	5
0400	12
0500	40
0600	69
0700	134
0800	171
0900	155
1000	151
1100	158
1200	158
1300	187
1400	179
1500	241
1600	284
1700	303
1800	225
1900	157
2000	111
2100	84
2200	51
2300	26
07-19	2345
06-00	2843
00-00	2919

AAWT Factor 11.9949

Poplars Avenue
Eastbound

7 Day Average Eastbound

Time	Total
0000	14
0100	7
0200	4
0300	8
0400	6
0500	23
0600	74
0700	198
0800	255
0900	157
1000	143
1100	171
1200	187
1300	193
1400	213
1500	225
1600	225
1700	230
1800	203
1900	149
2000	118
2100	79
2200	60
2300	26
07-19	2401
06-00	2908
00-00	2970

AADT Factor 10.3474

5 Day Average Eastbound

Time	Total
0000	12
0100	5
0200	4
0300	6
0400	5
0500	26
0600	92
0700	261
0800	330
0900	170
1000	137
1100	164
1200	181
1300	172
1400	213
1500	231
1600	239
1700	244
1800	217
1900	153
2000	121
2100	82
2200	67
2300	27
07-19	2560
06-00	3102
00-00	3160

AAWT Factor 10.8077

Appendix 4

ATC Data – Blackbrook Avenue

Produced by Road Data Services Ltd.

20/11/2015	Vehicle Classes													
Hr Ending	1	2	3	4	5	6	7	8	9	10	11	12	13	TOTAL
1	11	1	0	0	0	0	0	0	0	0	0	0	0	12
2	4	0	0	0	0	0	0	0	0	0	0	0	0	4
3	2	2	0	0	0	0	0	0	0	0	0	0	0	4
4	0	1	0	0	0	0	0	0	0	0	0	0	0	1
5	9	0	0	0	0	0	0	0	0	0	0	0	0	9
6	23	5	0	0	0	0	0	0	0	0	0	0	0	28
7	46	9	0	0	0	0	0	0	0	0	0	0	0	55
8	126	25	0	0	0	0	0	0	0	0	0	1	0	152
9	207	32	0	0	1	0	0	0	0	0	0	1	0	241
10	144	26	1	1	0	0	0	0	0	0	0	1	0	173
11	120	14	0	0	0	0	0	0	0	0	0	1	0	135
12	151	19	0	0	1	0	0	0	0	0	0	0	0	171
13	176	16	2	0	0	0	0	0	0	0	0	1	0	195
14	167	29	1	0	1	0	0	0	0	0	0	2	0	200
15	191	29	1	0	0	0	0	0	0	0	0	0	0	221
16	232	41	1	0	1	0	0	0	0	0	0	2	0	277
17	291	39	1	0	0	0	0	0	0	0	0	0	0	331
18	328	44	1	0	1	0	0	0	0	0	0	2	0	376
19	299	26	2	0	0	0	0	0	0	0	0	0	0	327
20	194	12	1	0	2	0	0	0	0	0	0	1	0	210
21	94	7	0	0	0	0	0	0	0	0	0	0	0	101
22	75	5	1	0	0	0	0	0	0	0	0	0	0	81
23	55	6	0	0	0	0	0	0	0	0	0	0	0	61
24	50	3	0	0	0	0	0	0	0	0	0	0	0	53
7-19	2432	340	10	1	5	0	0	0	0	0	0	11	0	2799
6-22	2841	373	12	1	7	0	0	0	0	0	0	12	0	3246
6-24	2946	382	12	1	7	0	0	0	0	0	0	12	0	3360
0-24	2995	391	12	1	7	0	0	0	0	0	0	12	0	3418

20/11/2015	Vehicle Classes														
Hr Ending	1	2	3	4	5	6	7	8	9	10	11	12	13	TOTAL	
1	11	2	0	0	0	0	0	0	0	0	0	0	0	13	
2	4	0	0	0	0	0	0	0	0	0	0	0	0	4	
3	4	0	0	0	0	0	0	0	0	0	0	0	0	4	
4	2	0	0	0	0	0	0	0	0	0	0	0	0	2	
5	11	0	0	0	0	0	0	0	0	0	0	0	0	11	
6	22	4	0	0	0	0	0	0	0	0	0	0	0	26	
7	82	13	0	0	0	0	0	0	0	0	0	0	0	95	
8	363	39	1	0	0	0	0	0	0	0	0	0	0	403	
9	380	44	1	0	0	0	0	0	0	0	0	0	0	425	
10	224	18	0	0	0	0	0	0	0	0	0	1	0	243	
11	175	19	0	0	0	0	0	0	0	0	0	0	0	194	
12	131	21	1	0	0	0	0	0	0	0	0	3	0	156	
13	158	14	0	0	1	0	0	0	0	0	0	2	0	175	
14	178	21	0	0	0	0	0	0	0	0	0	0	0	199	
15	191	20	0	0	1	0	0	0	0	0	0	2	0	214	
16	247	28	3	0	0	0	0	0	0	0	0	0	0	278	
17	251	34	0	0	0	0	0	0	0	0	0	0	0	285	
18	267	27	1	0	0	0	0	0	0	0	0	1	0	296	
19	202	10	0	0	0	0	0	0	0	0	0	0	0	212	
20	156	9	1	0	0	0	0	0	0	0	0	0	0	166	
21	101	3	0	0	0	0	0	0	0	0	0	0	0	104	
22	80	6	0	0	0	0	0	0	0	0	0	0	0	86	
23	44	3	0	0	0	0	0	0	0	0	0	0	0	47	
24	42	2	0	0	0	0	0	0	0	0	0	0	0	44	
7-19	2767	295	7	0	2	0	0	0	0	0	0	9	0	3080	
6-22	3186	326	8	0	2	0	0	0	0	0	0	9	0	3531	
6-24	3272	331	8	0	2	0	0	0	0	0	0	9	0	3622	
0-24	3326	337	8	0	2	0	0	0	0	0	0	9	0	3682	

Warrington ATC, Blackbrook Avenue

Produced by Road Data Services Ltd.

Channel 1 - Northbound

21/11/2015	Vehicle Classes														
Hr Ending	1	2	3	4	5	6	7	8	9	10	11	12	13	TOTAL	
1	26	1	0	0	0	0	0	0	0	0	0	0	0	27	
2	8	0	0	0	0	0	0	0	0	0	0	0	0	8	
3	7	0	0	0	0	0	0	0	0	0	0	0	0	7	
4	6	1	0	0	0	0	0	0	0	0	0	0	0	7	
5	5	0	0	0	0	0	0	0	0	0	0	0	0	5	
6	8	1	0	0	0	0	0	0	0	0	0	0	0	9	
7	17	1	0	0	0	0	0	0	0	0	0	0	0	18	
8	35	4	0	0	0	0	0	0	0	0	0	0	0	39	
9	54	9	1	0	0	0	0	0	0	0	0	0	0	64	
10	103	13	1	0	0	0	0	0	0	0	0	1	0	118	
11	162	26	0	0	0	0	0	0	0	0	0	0	0	188	
12	218	17	0	0	0	0	0	0	0	0	0	0	0	235	
13	198	30	0	0	0	0	0	1	0	0	0	0	0	229	
14	186	14	0	0	0	0	0	1	0	0	0	1	0	202	
15	181	23	0	0	0	0	0	0	0	0	0	0	0	204	
16	192	18	1	0	0	0	0	0	0	0	0	1	0	212	
17	187	11	0	0	0	0	0	0	0	0	0	0	0	198	
18	185	9	0	0	0	0	0	0	0	0	0	0	0	194	
19	147	10	0	0	0	0	0	0	0	0	0	0	0	157	
20	102	7	0	0	0	0	0	0	0	0	0	0	0	109	
21	84	8	0	0	0	0	0	0	0	0	0	0	0	92	
22	60	1	0	0	0	0	0	0	0	0	0	0	0	61	
23	55	1	0	0	0	0	0	0	0	0	0	0	0	56	
24	52	5	1	0	0	0	0	0	0	0	0	0	0	58	
7-19	1848	184	3	0	0	0	0	2	0	0	0	3	0	2040	
6-22	2111	201	3	0	0	0	0	2	0	0	0	3	0	2320	
6-24	2218	207	4	0	0	0	0	2	0	0	0	3	0	2434	
0-24	2278	210	4	0	0	0	0	2	0	0	0	3	0	2497	

Channel 2 - Southbound

21/11/2015	Vehicle Classes														
Hr Ending	1	2	3	4	5	6	7	8	9	10	11	12	13	TOTAL	
1	21	1	0	0	0	0	0	0	0	0	0	0	0	22	
2	13	1	0	0	0	0	0	0	0	0	0	0	0	14	
3	4	1	0	0	0	0	0	0	0	0	0	0	0	5	
4	3	0	0	0	0	0	0	0	0	0	0	0	0	3	
5	4	0	0	0	0	0	0	0	0	0	0	0	0	4	
6	10	2	0	0	0	0	0	0	0	0	0	0	0	12	
7	29	4	0	0	0	0	0	0	0	0	0	0	0	33	
8	51	3	0	0	0	0	0	0	0	0	0	0	0	54	
9	120	14	0	0	0	0	0	0	0	0	0	0	0	134	
10	166	17	0	0	1	0	0	0	0	0	0	0	0	184	
11	199	14	0	0	0	0	0	0	0	0	0	0	0	213	
12	206	12	0	0	0	0	0	0	0	0	0	0	0	218	
13	187	8	0	0	0	0	0	0	0	0	0	0	0	195	
14	191	10	0	1	0	0	0	1	0	0	0	0	0	203	
15	206	14	0	0	0	0	0	0	0	0	0	0	0	220	
16	178	12	0	0	0	0	0	0	0	0	0	0	0	190	
17	189	12	0	0	0	0	0	0	1	0	0	0	0	202	
18	161	8	0	0	0	0	0	0	0	0	0	0	0	169	
19	112	1	0	0	0	0	0	0	0	0	0	0	0	113	
20	123	4	0	0	0	0	0	0	0	0	0	0	0	127	
21	81	4	0	0	0	0	0	0	0	0	0	0	0	85	
22	64	1	0	0	0	0	0	0	0	0	0	0	0	65	
23	54	0	0	0	0	0	0	0	0	0	0	0	0	54	
24	49	3	0	0	0	0	0	0	0	0	0	0	0	52	
7-19	1966	125	0	1	1	0	0	1	1	0	0	0	0	2095	
6-22	2263	138	0	1	1	0	0	1	1	0	0	0	0	2405	
6-24	2366	141	0	1	1	0	0	1	1	0	0	0	0	2511	
0-24	2421	146	0	1	1	0	0	1	1	0	0	0	0	2571	

Produced by Road Data Services Ltd.

Channel 2 - Southbound

22/11/2015	Vehicle Classes													
Hr Ending	1	2	3	4	5	6	7	8	9	10	11	12	13	TOTAL
1	40	1	0	0	0	0	0	0	0	0	0	0	0	41
2	16	5	0	0	0	0	0	0	0	0	0	0	0	21
3	5	1	0	0	0	0	0	0	0	0	0	0	0	6
4	6	4	0	0	0	0	0	0	0	0	0	0	0	10
5	13	0	0	0	0	0	0	0	0	0	0	0	0	13
6	10	0	0	0	0	0	0	0	0	0	0	0	0	10
7	14	2	0	0	0	0	0	0	0	0	0	0	0	16
8	27	2	0	0	0	0	0	0	0	0	0	0	0	29
9	55	2	0	0	0	0	0	0	0	0	0	0	0	57
10	85	2	1	0	0	0	0	0	0	0	0	0	0	88
11	125	10	0	0	0	0	0	0	0	0	0	2	0	137
12	162	14	0	0	0	0	0	0	0	0	0	0	0	176
13	200	12	1	0	0	0	0	0	0	0	0	1	0	214
14	204	15	0	1	2	0	0	0	0	0	0	0	0	222
15	186	16	0	0	0	0	0	0	0	0	0	1	0	203
16	160	6	0	0	0	0	0	0	0	0	0	0	0	166
17	194	8	0	0	0	0	0	0	0	0	0	1	0	203
18	120	10	0	0	0	0	0	0	0	0	0	0	0	130
19	118	3	0	0	0	0	0	0	0	0	0	0	0	121
20	85	1	0	0	0	0	0	0	0	0	0	1	0	87
21	74	4	0	0	0	0	0	0	0	0	0	0	0	78
22	52	2	0	0	0	0	0	0	0	0	0	0	0	54
23	27	3	0	0	0	0	0	0	0	0	0	0	0	30
24	20	1	0	0	0	0	0	0	0	0	0	0	0	21
7-19	1636	100	2	1	2	0	0	0	0	0	0	5	0	1746
6-22	1861	109	2	1	2	0	0	0	0	0	0	6	0	1981
6-24	1908	113	2	1	2	0	0	0	0	0	0	6	0	2032
0-24	1998	124	2	1	2	0	0	0	0	0	0	6	0	2133

Warrington ATC, Blackbrook Avenue

Produced by Road Data Services Ltd.

Channel 1 - Northbound

23/11/2015	Vehicle Classes														
Hr Ending	1	2	3	4	5	6	7	8	9	10	11	12	13	TOTAL	
1	3	4	0	0	0	0	0	0	0	0	0	0	0	7	
2	2	2	0	0	0	0	0	0	0	0	0	0	0	4	
3	2	0	0	0	0	0	0	0	0	0	0	0	0	2	
4	2	1	0	0	0	0	0	0	0	0	0	0	0	3	
5	6	0	0	0	0	0	0	0	0	0	0	0	0	6	
6	27	2	0	0	0	0	0	0	0	0	0	1	0	30	
7	36	3	0	0	0	0	0	0	0	0	0	1	0	40	
8	135	28	0	0	0	0	0	0	0	0	0	1	0	164	
9	214	29	1	0	1	0	0	0	0	0	0	1	0	246	
10	109	24	1	0	0	0	0	0	1	0	0	0	0	135	
11	101	16	0	0	0	0	0	0	0	0	0	1	0	118	
12	127	16	0	0	0	0	0	0	0	0	0	1	0	144	
13	149	17	0	0	0	0	0	0	0	0	0	0	0	166	
14	122	23	0	0	1	0	0	0	0	0	0	1	0	147	
15	143	25	0	0	0	0	0	0	0	0	0	0	0	168	
16	264	33	0	0	1	0	0	0	0	0	0	0	0	298	
17	268	48	0	0	0	0	0	0	1	0	0	0	0	317	
18	259	31	2	0	0	0	0	0	1	0	0	2	0	295	
19	198	18	0	0	0	0	0	0	0	0	0	0	0	216	
20	122	8	0	0	0	0	0	0	0	0	0	0	0	130	
21	94	8	0	0	0	0	0	0	0	0	0	0	0	102	
22	64	2	0	0	0	0	0	0	0	0	0	0	0	66	
23	46	5	0	0	0	0	0	0	0	0	0	0	0	51	
24	13	0	0	0	0	0	0	0	0	0	0	0	0	13	
7-19	2089	308	4	0	3	0	0	0	3	0	0	7	0	2414	
6-22	2405	329	4	0	3	0	0	0	3	0	0	8	0	2752	
6-24	2464	334	4	0	3	0	0	0	3	0	0	8	0	2816	
0-24	2506	343	4	0	3	0	0	0	3	0	0	9	0	2868	

Channel 2 - Southbound

23/11/2015	Vehicle Classes														
Hr Ending	1	2	3	4	5	6	7	8	9	10	11	12	13	TOTAL	
1	5	1	0	0	0	0	0	0	0	0	0	0	0	6	
2	2	0	0	0	0	0	0	0	0	0	0	0	0	2	
3	2	0	0	0	0	0	0	0	0	0	0	0	0	2	
4	1	0	0	0	0	0	0	0	0	0	0	0	0	1	
5	4	1	0	0	0	0	0	0	0	0	0	0	0	5	
6	22	3	0	0	0	0	0	0	0	0	0	1	0	26	
7	80	13	0	0	0	0	0	0	0	0	0	0	0	93	
8	353	46	2	0	2	0	0	0	0	0	0	0	0	403	
9	438	34	2	1	1	0	0	0	0	0	0	1	0	477	
10	247	32	1	0	0	0	0	1	2	0	0	0	0	283	
11	157	16	0	0	0	0	0	0	0	0	0	0	0	173	
12	150	22	0	1	0	0	0	0	0	0	0	3	0	176	
13	155	14	0	0	0	0	0	0	0	0	0	2	0	171	
14	196	26	1	0	0	0	0	0	1	0	0	0	0	224	
15	196	29	1	0	0	0	0	1	1	0	0	1	0	229	
16	180	17	1	0	0	0	0	0	0	0	0	0	0	198	
17	231	36	0	0	0	0	0	0	0	0	0	1	0	268	
18	272	23	2	0	0	0	0	0	0	0	0	1	0	298	
19	188	12	0	0	0	0	0	0	0	0	0	0	0	200	
20	134	2	0	0	0	0	0	0	0	0	0	0	0	136	
21	80	7	0	0	0	0	0	0	0	0	0	0	0	87	
22	59	2	0	0	0	0	0	0	0	0	0	0	0	61	
23	35	6	0	0	0	0	0	0	0	0	0	0	0	41	
24	15	1	0	0	0	0	0	0	0	0	0	0	0	16	
7-19	2763	307	10	2	3	0	0	2	4	0	0	9	0	3100	
6-22	3116	331	10	2	3	0	0	2	4	0	0	9	0	3477	
6-24	3166	338	10	2	3	0	0	2	4	0	0	9	0	3534	
0-24	3202	343	10	2	3	0	0	2	4	0	0	10	0	3576	

Warrington ATC, Blackbrook Avenue

Produced by Road Data Services Ltd.

Channel 1 - Northbound

24/11/2015	Vehicle Classes													
Hr Ending	1	2	3	4	5	6	7	8	9	10	11	12	13	TOTAL
1	8	2	0	0	0	0	0	0	0	0	0	0	0	10
2	1	0	0	0	0	0	0	0	0	0	0	0	0	1
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	3	1	0	0	0	0	0	0	0	0	0	0	0	4
5	6	1	0	0	0	0	0	0	0	0	0	0	0	7
6	24	3	0	0	0	0	0	0	0	0	0	0	0	27
7	45	11	2	0	0	0	0	1	0	0	0	1	0	60
8	133	26	1	0	0	0	0	0	0	0	0	1	0	161
9	213	21	1	0	1	0	0	0	0	0	0	1	0	237
10	120	22	2	0	0	0	0	1	0	0	2	1	0	148
11	107	18	2	0	1	0	0	0	0	0	0	1	0	129
12	118	14	0	0	0	0	0	0	0	0	0	2	0	134
13	156	19	0	0	1	0	0	0	0	0	0	0	0	176
14	122	18	1	0	0	0	1	0	0	0	0	1	0	143
15	148	24	0	0	2	0	0	0	1	0	0	0	0	175
16	201	31	0	0	2	0	1	1	0	0	0	0	0	236
17	269	48	1	0	0	0	0	0	0	0	0	1	0	319
18	296	32	1	0	0	0	0	0	0	0	0	0	0	329
19	225	20	1	0	0	0	0	0	0	0	0	0	0	246
20	147	15	0	0	1	0	0	0	0	0	0	1	0	164
21	96	18	0	0	0	0	0	0	1	0	0	1	0	116
22	101	5	0	0	0	0	0	0	0	0	0	0	0	106
23	47	6	0	0	0	0	0	0	0	0	0	0	0	53
24	30	2	0	0	0	0	0	0	0	0	0	0	0	32
7-19	2108	293	10	0	7	0	2	2	1	0	2	8	0	2433
6-22	2497	342	12	0	8	0	2	3	2	0	2	11	0	2879
6-24	2574	350	12	0	8	0	2	3	2	0	2	11	0	2964
0-24	2616	357	12	0	8	0	2	3	2	0	2	11	0	3013

Channel 2 - Southbound

24/11/2015	Vehicle Classes														
Hr Ending	1	2	3	4	5	6	7	8	9	10	11	12	13	TOTAL	
1	9	1	0	0	0	0	0	0	0	0	0	0	0	10	
2	6	0	0	0	0	0	0	0	0	0	0	0	0	6	
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
4	7	0	0	0	0	0	0	0	0	0	0	0	0	7	
5	6	0	0	0	0	0	0	0	0	0	0	0	0	6	
6	17	6	0	0	0	0	0	0	0	0	0	1	0	24	
7	88	10	0	0	0	0	0	0	0	0	0	0	0	98	
8	355	33	1	1	1	0	0	0	0	0	0	0	0	391	
9	492	52	1	0	0	0	0	0	0	0	0	2	0	547	
10	265	31	1	0	0	0	0	0	0	0	0	1	0	298	
11	157	10	1	0	0	0	0	1	0	0	1	0	0	170	
12	146	12	1	0	0	0	0	0	0	0	0	0	0	159	
13	146	15	1	0	0	0	0	0	0	0	0	1	0	163	
14	148	16	0	1	1	0	0	0	0	0	0	1	0	167	
15	168	22	1	0	1	0	0	0	0	0	0	1	0	193	
16	197	20	4	0	1	0	0	0	0	0	0	0	0	222	
17	221	28	3	0	0	0	0	0	0	0	0	0	0	252	
18	274	26	1	0	0	0	0	0	0	0	0	1	0	302	
19	213	14	0	0	0	0	0	0	0	0	0	0	0	227	
20	136	10	0	0	0	0	0	0	0	0	0	0	0	146	
21	89	18	1	0	0	0	0	0	0	0	0	0	0	108	
22	72	2	0	0	0	0	0	0	0	0	0	0	0	74	
23	42	4	0	0	0	0	0	0	0	0	0	0	0	46	
24	33	1	0	0	0	0	0	0	0	0	0	0	0	34	
7-19	2782	279	15	2	4	0	0	1	0	0	1	7	0	3091	
6-22	3167	319	16	2	4	0	0	1	0	0	1	7	0	3517	
6-24	3242	324	16	2	4	0	0	1	0	0	1	7	0	3597	
0-24	3287	331	16	2	4	0	0	1	0	0	1	8	0	3650	

Warrington ATC, Blackbrook Avenue

Produced by Road Data Services Ltd.

Channel 1 - Northbound

25/11/2015	Vehicle Classes														
Hr Ending	1	2	3	4	5	6	7	8	9	10	11	12	13	TOTAL	
1	6	3	0	0	0	0	0	0	0	0	0	0	0	9	
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
3	2	0	0	0	0	0	0	0	0	0	0	0	0	2	
4	1	0	0	0	0	0	0	0	0	0	0	0	0	1	
5	6	0	0	0	0	0	0	0	0	0	0	0	0	6	
6	22	4	0	0	0	0	0	0	0	0	0	0	0	26	
7	48	11	0	0	0	0	0	0	0	0	0	0	0	59	
8	144	20	0	0	0	0	0	0	0	0	0	2	0	166	
9	217	33	2	0	0	0	0	0	0	1	0	1	0	254	
10	116	22	1	0	1	0	0	0	0	0	0	0	0	140	
11	122	17	0	0	1	0	0	0	0	0	0	1	0	141	
12	145	12	0	0	0	0	0	0	0	0	0	1	0	158	
13	153	17	0	0	0	0	0	0	0	0	0	1	0	171	
14	116	22	1	0	1	0	0	0	0	0	0	2	0	142	
15	151	33	0	0	0	0	0	0	0	0	0	2	0	186	
16	229	30	1	0	0	0	0	0	0	0	0	0	0	260	
17	268	54	1	0	2	0	0	0	0	0	0	1	0	326	
18	309	34	0	0	0	0	0	0	0	0	0	2	0	345	
19	200	23	0	0	0	0	0	0	0	0	0	0	0	223	
20	153	15	1	0	0	0	0	0	0	0	0	0	0	169	
21	91	9	0	0	0	0	0	0	0	0	0	0	0	100	
22	85	12	0	0	0	0	0	0	0	0	0	0	0	97	
23	69	3	0	0	0	0	0	0	0	0	0	0	0	72	
24	20	0	0	0	0	0	0	0	0	0	0	0	0	20	
7-19	2170	317	6	0	5	0	0	0	0	1	0	13	0	2512	
6-22	2547	364	7	0	5	0	0	0	0	1	0	13	0	2937	
6-24	2636	367	7	0	5	0	0	0	0	1	0	13	0	3029	
0-24	2673	374	7	0	5	0	0	0	0	1	0	13	0	3073	

Channel 2 - Southbound

25/11/2015	Vehicle Classes														
Hr Ending	1	2	3	4	5	6	7	8	9	10	11	12	13	TOTAL	
1	8	3	0	0	0	0	0	0	0	0	0	0	0	11	
2	1	1	0	0	0	0	0	0	0	0	0	0	0	2	
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
4	2	0	0	0	0	0	0	0	0	0	0	0	0	2	
5	5	0	0	0	0	0	0	0	0	0	0	0	0	5	
6	24	4	0	0	0	0	0	0	0	0	0	0	0	28	
7	97	13	0	0	0	0	1	0	0	0	0	0	0	111	
8	375	45	1	0	0	0	0	0	0	0	0	1	0	422	
9	458	51	4	0	1	0	0	0	0	0	0	1	0	515	
10	224	23	0	0	0	0	0	0	0	0	0	4	0	251	
11	149	22	0	0	1	0	0	0	0	0	0	0	0	172	
12	131	10	2	0	0	0	0	0	0	0	0	1	0	144	
13	154	16	0	0	1	0	0	0	0	0	0	1	0	172	
14	182	18	1	0	0	0	0	0	0	0	0	0	0	201	
15	176	23	0	0	0	0	0	0	0	0	0	0	0	199	
16	204	26	1	0	0	0	0	0	0	0	0	0	0	231	
17	218	41	3	1	0	0	0	0	0	0	0	2	0	265	
18	248	28	0	0	0	0	0	0	0	0	0	0	0	276	
19	219	22	0	0	0	0	0	0	0	0	0	0	0	241	
20	164	15	0	1	0	0	0	0	0	0	0	0	0	180	
21	90	6	0	0	0	0	0	0	0	0	0	0	0	96	
22	64	4	0	0	0	0	0	0	0	0	0	0	0	68	
23	52	1	0	0	0	0	0	0	0	0	0	0	0	53	
24	20	2	0	0	0	0	0	0	0	0	0	0	0	22	
7-19	2738	325	12	1	3	0	0	0	0	0	0	10	0	3089	
6-22	3153	363	12	2	3	0	1	0	0	0	0	10	0	3544	
6-24	3225	366	12	2	3	0	1	0	0	0	0	10	0	3619	
0-24	3265	374	12	2	3	0	1	0	0	0	0	10	0	3667	

Warrington ATC, Blackbrook Avenue

Produced by Road Data Services Ltd.

Channel 1 - Northbound

26/11/2015	Vehicle Classes													
Hr Ending	1	2	3	4	5	6	7	8	9	10	11	12	13	TOTAL
1	5	2	0	0	0	0	0	0	0	0	0	0	0	7
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	2	1	0	0	0	0	0	0	0	0	0	0	0	3
4	1	0	0	0	0	0	0	0	0	0	0	0	0	1
5	6	0	0	0	0	0	0	0	0	0	0	0	0	6
6	20	3	0	0	0	0	0	0	0	0	0	0	0	23
7	48	7	0	0	0	0	0	0	0	0	0	0	0	55
8	128	26	1	0	0	0	0	0	0	0	0	0	0	155
9	228	18	1	0	1	0	0	0	0	0	0	1	0	249
10	112	18	2	0	0	0	0	1	0	0	3	1	0	137
11	118	13	0	0	1	0	0	0	0	0	0	0	0	132
12	137	18	0	0	1	0	0	1	0	0	0	1	0	158
13	155	12	1	0	0	0	0	0	0	0	0	0	0	168
14	139	20	1	1	0	0	0	0	0	0	0	0	0	161
15	165	27	1	0	0	0	0	0	0	0	0	0	0	193
16	211	30	1	0	1	0	0	0	0	0	0	0	0	243
17	315	44	0	0	1	0	0	0	0	0	0	0	0	360
18	298	29	0	0	0	0	1	0	0	0	0	1	0	329
19	234	23	0	0	2	0	0	0	0	0	0	0	0	259
20	160	8	1	0	0	0	0	0	0	0	0	0	0	169
21	128	7	0	0	0	0	0	0	0	0	0	1	0	136
22	95	6	1	0	0	0	0	0	0	0	0	0	0	102
23	60	3	0	0	0	0	0	0	0	0	0	0	0	63
24	29	2	0	0	0	0	0	0	0	0	0	0	0	31
7-19	2240	278	8	1	7	0	1	2	0	0	3	4	0	2544
6-22	2671	306	10	1	7	0	1	2	0	0	3	5	0	3006
6-24	2760	311	10	1	7	0	1	2	0	0	3	5	0	3100
0-24	2794	317	10	1	7	0	1	2	0	0	3	5	0	3140

Channel 2 - Southbound

26/11/2015	Vehicle Classes													
Hr Ending	1	2	3	4	5	6	7	8	9	10	11	12	13	TOTAL
1	5	2	0	0	0	0	0	0	0	0	0	0	0	7
2	1	0	0	0	0	0	0	0	0	0	0	0	0	1
3	2	0	0	0	0	0	0	0	0	0	0	0	0	2
4	1	0	0	0	0	0	0	0	0	0	0	0	0	1
5	5	0	0	0	0	0	0	0	0	0	0	0	0	5
6	23	4	0	0	0	0	0	0	0	0	0	0	0	27
7	94	6	0	0	0	0	0	0	0	0	0	0	0	100
8	353	47	2	0	1	0	0	0	0	0	0	0	0	403
9	465	46	1	0	1	0	0	0	1	0	0	2	0	516
10	257	37	1	0	0	0	0	0	0	0	0	1	0	296
11	138	19	0	0	0	0	0	0	0	0	0	1	0	158
12	161	15	1	0	0	0	0	0	0	0	0	0	0	177
13	152	9	0	0	0	0	0	0	0	0	0	2	0	163
14	168	13	1	0	1	0	0	0	0	0	0	0	0	183
15	203	18	0	0	0	0	0	0	0	0	0	0	0	221
16	208	20	0	0	1	0	0	0	0	0	0	0	0	229
17	243	30	2	0	1	0	0	0	0	0	0	0	0	276
18	296	22	0	0	0	0	0	0	0	0	0	0	0	318
19	209	18	0	0	0	0	0	0	0	0	0	1	0	228
20	169	7	1	0	0	0	0	0	0	0	0	0	0	177
21	111	7	1	0	0	0	0	0	0	0	0	0	0	119
22	78	3	0	0	0	0	0	0	0	0	0	0	0	81
23	40	0	0	0	0	0	0	0	0	0	0	0	0	40
24	50	2	0	0	0	0	0	0	0	0	0	0	0	52
7-19	2853	294	8	0	5	0	0	0	1	0	0	7	0	3168
6-22	3305	317	10	0	5	0	0	0	1	0	0	7	0	3645
6-24	3395	319	10	0	5	0	0	0	1	0	0	7	0	3737
0-24	3432	325	10	0	5	0	0	0	1	0	0	7	0	3780

Blackbrook Avenue
Northbound

7 Day Average Northbound

Time	Total
0000	16
0100	5
0200	3
0300	4
0400	8
0500	21
0600	43
0700	123
0800	189
0900	133
1000	136
1100	164
1200	184
1300	176
1400	187
1500	247
1600	293
1700	290
1800	221
1900	151
2000	102
2100	80
2200	57
2300	32
07-19	2345
06-00	2810
00-00	2867

AADT Factor 9.8823

5 Day Average Northbound

Time	Total
0000	9
0100	2
0200	2
0300	2
0400	7
0500	27
0600	54
0700	160
0800	245
0900	147
1000	131
1100	153
1200	175
1300	159
1400	189
1500	263
1600	331
1700	335
1800	254
1900	168
2000	111
2100	90
2200	60
2300	30
07-19	2540
06-00	3054
00-00	3102

AAWT Factor 10.5267

Blackbrook Avenue
Southbound

7 Day Average Southbound

Time	Total
0000	16
0100	7
0200	3
0300	4
0400	7
0500	22
0600	78
0700	301
0800	382
0900	235
1000	174
1100	172
1200	179
1300	200
1400	211
1500	216
1600	250
1700	256
1800	192
1900	146
2000	97
2100	70
2200	44
2300	34
07-19	2767
06-00	3236
00-00	3294

AADT Factor 8.2976

5 Day Average Southbound

Time	Total
0000	9
0100	3
0200	2
0300	3
0400	6
0500	26
0600	99
0700	404
0800	496
0900	274
1000	173
1100	162
1200	169
1300	195
1400	211
1500	232
1600	269
1700	298
1800	222
1900	161
2000	103
2100	74
2200	45
2300	34
07-19	3106
06-00	3622
00-00	3671

AAWT Factor 9.1229

Appendix 5

ATC Data – Delph Lane

Warrington ATC A, Delph Road

Produced by Road Data Services Ltd.

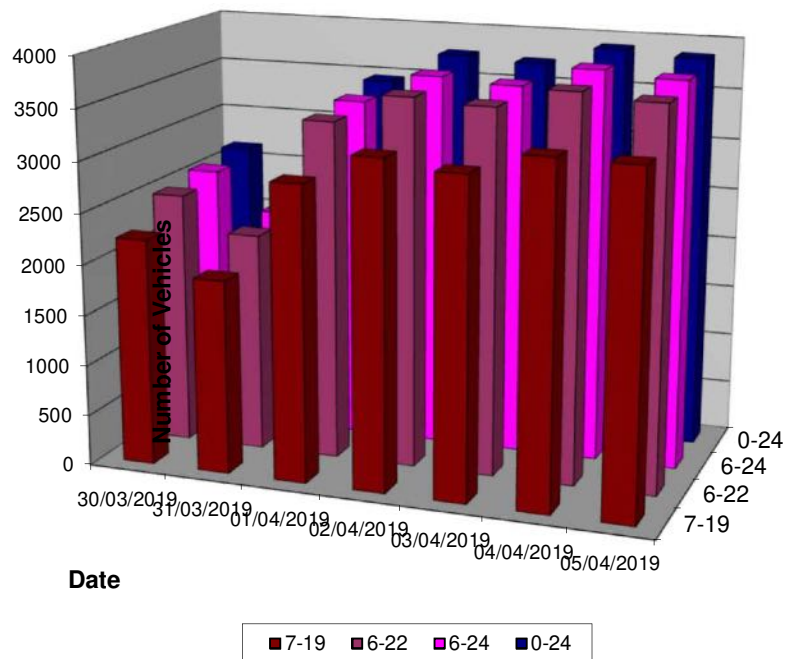
Channel 1 - Northbound

Vehicle Flow

Week 1

Hr Ending	30/03/2019 Saturday	31/03/2019 Sunday	01/04/2019 Monday	02/04/2019 Tuesday	03/04/2019 Wednesday	04/04/2019 Thursday	05/04/2019 Friday	5 Day Ave	7 Day Ave
1	25	17	6	5	4	4	6	5	10
2	8	6	6	4	2	4	2	4	5
3	7	0	0	0	3	1	3	1	2
4	6	7	2	4	10	3	4	5	5
5	8	5	14	10	9	8	13	11	10
6	25	18	44	59	61	50	49	53	44
7	30	23	112	123	120	116	112	117	91
8	72	35	255	274	301	308	260	280	215
9	106	62	332	406	368	351	297	351	275
10	176	131	152	177	171	179	178	171	166
11	244	155	140	136	144	155	147	144	160
12	243	193	156	145	167	157	193	164	179
13	223	216	193	183	146	142	185	170	184
14	236	248	170	187	176	198	207	188	203
15	227	238	233	257	204	203	305	240	238
16	191	185	215	272	294	277	362	284	257
17	180	194	394	467	435	472	478	449	374
18	192	128	449	465	455	582	447	480	388
19	145	125	209	230	250	293	247	246	214
20	100	99	147	128	150	142	145	142	130
21	67	78	96	101	116	116	76	101	93
22	61	48	77	62	74	68	67	70	65
23	44	36	48	58	49	56	52	53	49
24	34	13	8	8	15	18	23	14	17
7-19	2235	1910	2898	3199	3111	3317	3306	3166	2854
6-22	2493	2158	3330	3613	3571	3759	3706	3596	3233
6-24	2571	2207	3386	3679	3635	3833	3781	3663	3299
0-24	2650	2260	3458	3761	3724	3903	3858	3741	3373

Vehicle Flow (Channel 1)



Warrington ATC A, Delph Road

Produced by Road Data Services Ltd.

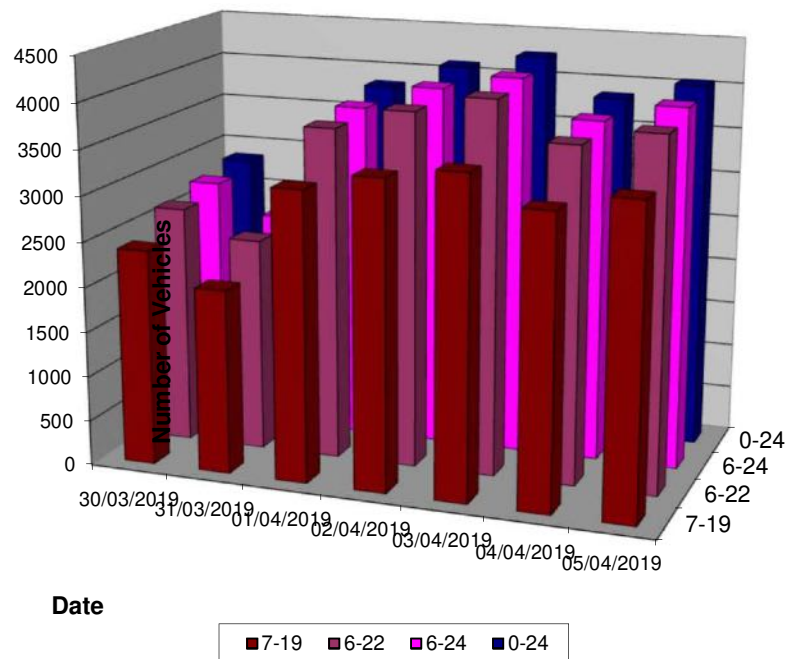
Channel 2 - Southbound

Vehicle Flow

Week 1

Hr Ending	30/03/2019 Saturday	31/03/2019 Sunday	01/04/2019 Monday	02/04/2019 Tuesday	03/04/2019 Wednesday	04/04/2019 Thursday	05/04/2019 Friday	5 Day Ave	7 Day Ave
1	30	26	6	8	7	6	9	7	13
2	13	12	5	4	3	5	8	5	7
3	6	0	3	6	4	8	1	4	4
4	10	10	4	3	2	0	2	2	4
5	11	12	8	10	20	10	13	12	12
6	21	17	63	65	51	58	47	57	46
7	33	13	172	200	196	184	183	187	140
8	66	28	432	404	455	438	398	425	317
9	98	52	477	574	554	490	404	500	378
10	167	92	262	346	375	240	243	293	246
11	216	153	149	174	193	156	171	169	173
12	259	204	154	164	166	159	297	188	200
13	263	252	174	183	169	165	216	181	203
14	254	263	142	190	189	182	241	189	209
15	237	246	207	187	196	198	250	208	217
16	214	233	258	243	273	231	305	262	251
17	235	210	378	338	309	348	322	339	306
18	232	169	346	368	401	362	312	358	313
19	155	140	221	221	234	228	222	225	203
20	110	141	129	149	183	152	130	149	142
21	64	111	100	99	126	84	87	99	96
22	48	61	73	71	81	66	77	74	68
23	51	48	45	76	54	43	70	58	55
24	54	18	20	22	18	41	42	29	31
7-19	2396	2042	3200	3392	3514	3197	3381	3337	3017
6-22	2651	2368	3674	3911	4100	3683	3858	3845	3464
6-24	2756	2434	3739	4009	4172	3767	3970	3931	3550
0-24	2847	2511	3828	4105	4259	3854	4050	4019	3636

Vehicle Flow (Channel 2)



Delph Lane
Northbound

7 Day Average Northbound

Time	Total
0000	10
0100	5
0200	2
0300	5
0400	10
0500	44
0600	91
0700	215
0800	275
0900	166
1000	160
1100	179
1200	184
1300	203
1400	238
1500	257
1600	374
1700	388
1800	214
1900	130
2000	93
2100	65
2200	49
2300	17
07-19	2854
06-00	3299
00-00	3373

AADT Factor 8.1248

5 Day Average Northbound

Time	Total
0000	5
0100	4
0200	1
0300	5
0400	11
0500	53
0600	117
0700	280
0800	351
0900	171
1000	144
1100	164
1200	170
1300	188
1400	240
1500	284
1600	449
1700	480
1800	246
1900	142
2000	101
2100	70
2200	53
2300	14
07-19	3166
06-00	3663
00-00	3741

AAWT Factor 8.8218

Delph Lane
Southbound

7 Day Average Southbound

Time	Total
0000	13
0100	7
0200	4
0300	4
0400	12
0500	46
0600	140
0700	317
0800	378
0900	246
1000	173
1100	200
1200	203
1300	209
1400	217
1500	251
1600	306
1700	313
1800	203
1900	142
2000	96
2100	68
2200	55
2300	31
07-19	3017
06-00	3550
00-00	3636

AADT Factor 8.4801

5 Day Average Southbound

Time	Total
0000	7
0100	5
0200	4
0300	2
0400	12
0500	57
0600	187
0700	425
0800	500
0900	293
1000	169
1100	188
1200	181
1300	189
1400	208
1500	262
1600	339
1700	358
1800	225
1900	149
2000	99
2100	74
2200	58
2300	29
07-19	3337
06-00	3931
00-00	4019

AAWT Factor 9.1684