



## **TOWN & COUNTRY PLANNING ACT 1990: SECTION 78**

**TOWN AND COUNTRY PLANNING ACT 1990 – SECTION 78  
APPEAL MADE BY THE MINISTRY OF JUSTICE ON LAND  
ADJACENT TO HMP GARTH AND HMP WYMOTT,  
LEYLAND, LANCASHIRE**

### **APPENDICES ONLY**

**Appeal Ref: APP/D2320/W/22/3295556**

**LPA Ref: 21/01028/OUTMAJ**


**PROOF OF EVIDENCE OF  
G EVES BSc CEng MICE MCIHT**

**AUGUST 2023**



## DOCUMENT CONTROL

Job No	U030		
File Reference	U030-DOC02 PoE – APPENDICES		
	Name	Date	Initials
Prepared By	G EVES	18 August 2023	
Checked By	G EVES	18 August 2023	

Issue	Date	Comments	Approved
Final Draft		-	
			G EVES

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## APPENDICES

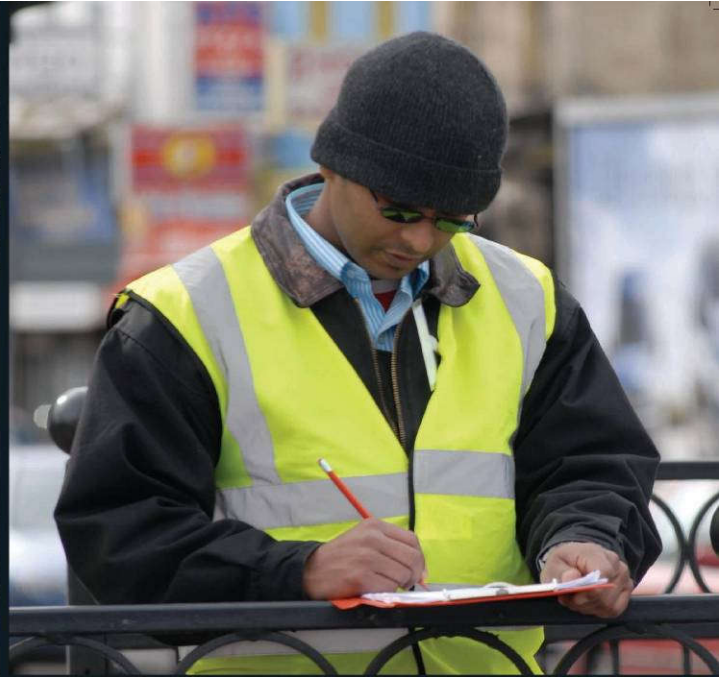
- Appendix 1 UWAG Traffic Survey
- Appendix 2 National Highways Guide to working on Planning Matters (Extract)
- Appendix 3 IEMA Guidelines for Assessing the Impact of Traffic and Movement (Extract)
- Appendix 4 Bridleways in the vicinity
- Appendix 5 Highway Code (Extract)
- Appendix 6 Revised Baseline Traffic
- Appendix 7 Revised flows for Moss Lane Junction
- Appendix 8 Model outputs for Moss Lane Junction
- Appendix 9 Amended peak construction traffic flows
- Appendix 10 Model outputs for Moss Lane and A581 junctions for amended peak construction traffic

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# cts

TRAFFIC + TRANSPORTATION

THE DATA COLLECTION SPECIALISTS

**Railton TPC Ltd**

**54516 - Ulnes Walton ATCs  
Survey**

**Thursday 15<sup>th</sup> – Wednesday  
21<sup>st</sup> June 2023**

**Jigisha Parekh**



# Contents

1. Data Quality Assurance
2. Method of Survey.
3. Incidents Encountered During Surveys.

Appendix 1 - Maps of Survey Locations

Appendix 2 – ATC Survey Results

## **Data Quality Assurance:**

Data Revision: Rev. 1

Analysis and Report by: Jigisha Parekh

Date: 27/06/2023

Checked by: Joe Maclaren

Date: 27/06/2023

Approved by: Joe Maclaren

Date: 27/06/2023

## Method of Survey:

### ATC SURVEYS:

Classified volume and speed data were collected via ATC units positioned in Leyland. Data was collected from Thursday 15<sup>th</sup> – Wednesday 21<sup>st</sup> June 2023. Data is shown in hourly intervals and by direction.

The following points were surveyed:

1. Ulnes Walton Lane, Leyland
2. A581 Southport Road, Leyland

The Vehicle Classifications used in this survey numbered in the data are as follows:

1. Pedal Cycles
2. Motorcycles
3. Passenger cars with or without trailers
4. LGVs with or without trailers
5. 2 axles rigid HGV
6. 3 axles rigid HGV
7. 4 axles rigid HGV
8. 3 axles articulated HGV
9. 4 axles articulated HGV
10. 5 or more axles articulated HGV
11. Buses and coaches

There are five tables provided in the excel output.

The 'class' pair of sheets provide detailed hourly flows using the classifications above.

The 'speed' pair of sheets provide detailed observed speeds by hour using actual speeds summarised into groups of speed known as 'bins'. For example the 5 $\geq$ 10 column shows the number of vehicles in an hour that had measured speeds between over five and ten miles per hour.

Two speed values are provided in the third and fourth columns.

The mean average speed is the actual average speed observed in each hour.

The 85<sup>th</sup> percentile value is the speed where all measured speeds are listed in ascending order and then counted down from the highest value until 15% of the values have been taken into account. This is therefore the speed at and below which 85% of vehicles within the sample are travelling. It is only calculated if there are more than 10 speeds measured in that given hour. (Highways England document CA185, Vehicle Speed Measurement).

The main purpose of 85<sup>th</sup> percentile speed values are for highway design purposes where the design is to be based on observed speeds rather than speed limits. Its main use is for calculating visibility splay distances using actual road performance rather than the speed limit.

In most, but not all cases, the visibility distances estimated using true traffic data will be lower than those from the speed limit values, which include an allowance for traffic exceeding the speed limit. Visibility distances are estimated using an industry standard agreed equation although interpretation and use of this can vary by highway authority (but otherwise defaults to Department for Transport standards).

The Analysis sheet summarises all four preceding sheets to show more clearly the key results. For speeds it shows both 85<sup>th</sup> percentile and average speeds to allow a logic check to be undertaken of the results.

## **Incidents Encountered During Surveys:**

Surveys initially started several days earlier, but the tubes became detached due to the unusually hot weather softening the tarmac. Counters were repaired and left out to count a full 7 days from the 15<sup>th</sup> June.

54516 - Railton TPC Ltd - Ulnes Walton ATCs Survey – Location Map – Appendix 1





Site 2: A581 Southport Road, Leyland

Londis  
Convenience Store  
Southport Rd

Uines Walton Ln

Uines Walton Ln

## Summary

### 2023 ATCs


	07:00-08:00	17:00-18:00
UWL northbound	308	136
UWL southbound	109	169
A581 eastbound	501	525
A581 westbound	561	620

### TA Junctions9 Output (2021 Base)

	07:00-08:00	17:00-18:00
UWL northbound	327	126
UWL southbound	91	207
A581 eastbound	503	552
A581 westbound	612	589

### Difference (2023 minus 2021 Base)

	07:00-08:00	17:00-18:00
UWL northbound	-19	10
UWL southbound	18	-38
A581 eastbound	-2	-27
A581 westbound	-51	31
total	-54	-25

 most critical arm from ARCADY modelling



Site: 1: Ulmes Walton Lane, Leyland  
 Direction: Northeast bound

Thursday 15 June 2023																																			
Time	Total Volume	Class											tot pcu	PCU 5 day	PCU average	PCU 2021 baseline	Exc PC	Total 5 day	Total average																
		PC	MC	Car	LGV	2R HGV	3R HGV	4R HGV	3AHGV	4AHGV	5+AHGV	PSV																							
00:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0													
01:00	1	0	0	1	0	0	0	0	0	0	0	0	0	0	1	8	2	1	1	8	1.6	1.6													
02:00	1	0	0	0	1	0	0	0	0	0	0	0	0	0	1	4	1	1	4	0.8	0.8	0.8													
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.2	0.2	0.2													
04:00	3	0	0	2	1	0	0	0	0	0	0	0	0	0	3	15	3	3	15	3	3	3													
05:00	20	5	1	14	0	0	0	0	0	0	0	0	0	0	14.5	73	15	15	70	14	14	14													
06:00	88	6	3	48	8	2	0	0	0	0	0	0	1	0	82.8	60	60	62	299	58.8	58.8	58.8													
07:00	315	6	3	261	37	5	0	0	3	0	0	0	0	0	313.9	1538	308	327	309	1519	303.8	303.8													
08:00	179	3	2	132	33	5	0	0	2	0	0	2	0	0	182.1	874	175	176	849	169.8	169.8	169.8													
09:00	132	3	1	93	27	6	0	0	1	0	0	0	1	0	133.8	576	115	129	558	111.5	111.5	111.5													
10:00	88	2	1	57	17	8	1	0	0	0	0	0	1	0	92.3	400	80	86	375	75	75	75													
11:00	85	8	2	53	14	6	0	0	1	1	0	0	0	1	81.3	411	82	77	390	78	78	78													
12:00	101	1	6	72	14	5	0	0	2	0	0	2	0	1	103.1	529	106	100	515	103	103	103													
13:00	119	4	2	81	25	6	0	1	0	0	0	0	1	0	119.3	517	103	115	501	100.2	100.2	100.2													
14:00	70	1	1	48	10	8	0	0	1	1	0	0	0	1	74.8	444	89	69	418	83.6	83.6	83.6													
15:00	115	1	0	84	20	7	1	0	2	0	0	0	0	0	120.6	607	121	114	582	116.4	116.4	116.4													
16:00	107	2	3	76	19	6	0	0	1	0	0	0	0	0	107.8	602	120	105	552	116.4	116.4	116.4													
17:00	145	4	1	102	32	3	0	0	1	0	2	0	0	0	145.9	681	136	126	680	132	132	132													
18:00	93	5	2	73	10	3	0	0	0	0	0	0	0	0	88.5	392	78	88	385	77	77	77													
19:00	84	5	0	45	12	0	0	0	0	0	1	1	1	1	81.2	352	70	59	348	69.6	69.6	69.6													
20:00	54	2	1	41	10	0	0	0	0	0	0	0	0	0	51.5	247	49	52	251	50.2	50.2	50.2													
21:00	31	1	2	19	8	0	0	0	1	0	0	0	0	0	30.3	155	31	30	157	31.4	31.4	31.4													
22:00	21	2	0	16	3	0	0	0	0	0	0	0	0	0	19	88	18	19	89	17.8	17.8	17.8													
23:00	9	0	0	8	1	0	0	0	0	0	0	0	0	0	9	48	10	9	47	9.4	9.4	9.4													
Total														0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
07-19	1549	40	24	1131	258	68	2	1	14	0	0	3	8	0	1563.4	7569	1514	1509	7334	1467	1467	1467													
06-22	1766	54	30	1284	296	70	2	1	15	0	5	9	0	0	1769.3	8624	1725	1712	8389	1678	1678	1678													
05-00	1796	56	30	1308	300	70	2	1	15	0	5	9	0	0	1797.3	8759	1752	1740	8525	1705	1705	1705													
00-00	1821	61	31	1325	302	70	2	1	15	0	5	9	0	0	1816.8	8869	1774	1760	8632	1726	1726	1726													
AM Peak														0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	07:00	11:00	06:00	07:00	07:00	10:00	10:00	00:00	07:00	00:00	06:00	08:00	0	0	326.2	1600	320	1760	8632	1726	1726	1726													
	315	8	3	261	37	8	1	0	3	0	1	2	0	0	0	0	0	0	0	0	0	0	0												
PM Peak														0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	17:00	18:00	12:00	17:00	17:00	14:00	15:00	13:00	12:00	12:00	17:00	12:00	0	0	164	777	155	1760	8632	1726	1726	1726													
	145	5	6	102	32	8	1	1	2	0	2	1	0	0	0	0	0	0	0	0	0	0	0												

Friday 16 June 2023													
Time	Total Volume	Class											
		PC	MC	Car	LGV	2R HGV	3R HGV	4R HGV	3A HGV	4A HGV	5+A HGV	PSV	
00:00	2	0	0	1	1	0	0	0	0	0	0	0	2
01:00	3	0	0	2	1	0	0	0	0	0	0	0	3
02:00	1	0	0	0	1	0	0	0	0	0	0	0	1
03:00	1	0	0	1	0	0	0	0	0	0	0	0	1
04:00	4	0	0	1	3	0	0	0	0	0	0	0	4
05:00	13	0	0	10	1	2	0	0	0	0	0	0	14
06:00	62	1	5	50	5	1	0	0	0	0	0	0	61
07:00	280	0	4	237	32	4	0	0	2	0	0	1	283.6
08:00	162	2	5	113	29	7	0	0	3	0	0	3	167.9
09:00	106	2	1	74	21	8	0	0	0	0	0	0	107.5
10:00	81	5	0	57	17	2	0	0	0	0	0	0	77
11:00	82	4	1	60	12	5	0	0	0	0	0	0	80
12:00	109	0	4	76	24	4	0	0	1	0	0	0	110.3
13:00	91	3	3	67	15	2	1	0	0	0	0	0	96
14:00	89	4	0	69	9	5	1	0	1	0	0	0	89.3
15:00	142	3	3	99	30	4	1	0	1	0	0	1	142.3
16:00	124	4	3	93	18	4	0	0	0	0	0	2	122.5
17:00	124	2	3	92	27	5	1	2	2	0	0	0	128.7
18:00	77	5	1	57	12	1	0	0	0	0	0	1	73
19:00	60	3	4	43	9	1	0	0	0	0	0	0	55.5
20:00	49	1	3	35	9	1	0	0	0	0	0	0	47
21:00	37	0	0	32	5	0	0	0	0	0	0	0	37
22:00	22	0	1	14	7	0	0	0	0	0	0	0	21.5
23:00	13	0	0	9	4	0	0	0	0	0	0	0	13
Total													
07-19	1467	34	28	1084	246	51	4	2	10	0	0	8	1470.1
06-22	1675	39	40	1244	274	54	4	2	10	0	0	8	1688.6
06-00	1710	39	41	1267	285	54	4	2	10	0	0	8	1703.1
00-00	1734	39	41	1282	292	56	4	2	10	0	0	8	1728.1
AM Peak													
07:00	10:00	06:00	07:00	07:00	09:00	00:00	00:00	08:00	00:00	00:00	08:00		
280	5	5	237	32	8	0	0	3	0	0	3	296.4	
PM Peak													
15:00	18:00	12:00	15:00	15:00	14:00	13:00	17:00	17:00	12:00	12:00	16:00		
142	5	4	99	30	5	1	2	2	0	0	2	153.2	

Saturday 17 June 2023													
Time	Total Volume	Class											
		PC	MC	Car	LGV	2R HGV	3R HGV	4R HGV	3A HGV	4A HGV	5+A HGV	PSV	
00:00	11	0	0	11	0	0	0	0	0	0	0	0	11
01:00	2	0	0	2	0	0	0	0	0	0	0	0	2
02:00	2	0	0	1	1	0	0	0	0	0	0	0	2
03:00	3	0	0	2	1	0	0	0	0	0	0	0	3
04:00	3	0	0	2	1	0	0	0	0	0	0	0	3
05:00	5	2	0	3	0	0	0	0	0	0	0	0	3
06:00	22	1	1	15	5	0	0	0	0	0	0	0	20.5
07:00	77	4	1	62	8	1	0	0	0	0	0	1	74
08:00	86	8	0	64	13	1	0	0	0	0	0	0	78.5
09:00	80	4	1	45	25	2	0	2	0	0	1	0	80.4
10:00	97	8	5	81	20	2	0	0	0	0	0	1	88.5
11:00	120	5	4	77	24	5	0	0	5	0	0	0	122
12:00	119	9	4	76	20	6	0	0	3	0	0	1	115.9
13:00	107	3	2	76	23	0	0	0	1	0	0	0	104.3
14:00	83	5	3	57	15	0	0	0	2	0	1	0	80.4
15:00	93	2	3	74	13	0	0	0	1	0	0	0	90.8
16:00	77	2	3	57	12	0	0	0	2	0	0	1	77.1
17:00	53	1	0	44	6	2	0	0	0	0	0	0	53
18:00	59	2	2	44	9	0	0	0	1	0	0	1	58.3
19:00	57	1	4	45	6	1	0	0	0	0	0	0	54.5
20:00	45	0	3	32	10	0	0	0	0	0	0	0	43.5
21:00	28	1	1	19	7	0	0	0	0	0	0	0	26.5
22:00	22	0	0	19	2	0	0	0	1	0	0	0	23.3
23:00	15	0	0	13	2	0	0	0	0	0	0	0	15
Total													
07-19	1051	53	28	739	188	19	0	2	15	0	2	5	1023.2
06-22	1203	56	37	850	216	20	0	2	15	0	2	5	1168.2
06-00	1240	58	37	882	220	20	0	2	16	0	2	5	1206.5
00-00	1269	58	37	903	223	20	0	2	16	0	2	5	1230.5
AM Peak													
11:00	08:00	10:00	11:00	09:00	11:00	00:00	09:00	11:00	00:00	09:00	07:00		
120	8	5	77	25	5	0	2	5	0	1	1	132.4	
PM Peak													
12:00	12:00	12:00	13:00	13:00	12:00	12:00	12:00	12:00	12:00	14:00	12:00		
119	9	4	78	23	6	0	0	3	0	1	1	123.2	

Sunday 18 June 2023													
Time	Total Volume	Class											
		PC	MC	Car	LGV	2R HGV	3R HGV	4R HGV	3A HGV	4A HGV	5+A HGV		PSV
00:00	7	0	0	6	1	0	0	0	0	0	0	0	7
01:00	4	0	0	3	1	0	0	0	0	0	0	0	4
02:00	1	0	0	1	0	0	0	0	0	0	0	0	1
03:00	1	0	0	0	1	0	0	0	0	0	0	0	1
04:00	1	0	0	1	0	0	0	0	0	0	0	0	1
05:00	5	0	0	5	0	0	0	0	0	0	0	0	5
06:00	16	2	0	12	2	0	0	0	0	0	0	0	14
07:00	52	1	0	45	5	1	0	0	0	0	0	0	51.5
08:00	80	3	2	65	8	1	0	0	0	0	1	0	77.8
09:00	54	13	1	29	8	1	1	1	0	0	0	0	42.8
10:00	68	14	2	38	8	4	0	0	0	0	1	0	58.3
11:00	69	11	0	47	10	0	0	1	0	0	0	0	59.3
12:00	99	6	1	77	14	1	0	0	0	0	0	0	93
13:00	94	3	2	74	15	0	0	0	0	0	0	0	90
14:00	67	4	2	44	15	2	0	0	0	0	0	0	63
15:00	81	2	0	59	19	1	0	0	0	0	0	0	79.5
16:00	78	4	4	56	12	1	1	0	0	0	0	0	73
17:00	76	0	1	57	17	0	0	0	1	0	0	0	76.8
18:00	49	0	0	40	8	0	0	0	1	0	0	0	50.3
19:00	49	0	0	37	11	1	0	0	0	0	0	0	49.5
20:00	34	0	0	24	10	0	0	0	0	0	0	0	34
21:00	29	0	0	14	8	0	0	0	0	0	0	0	30
22:00	8	0	0	8	0	0	0	0	0	0	0	0	8
23:00	2	0	0	0	2	0	0	0	0	0	0	0	2
Total													
07-19	867	61	15	632	139	12	2	2	2	0	2	0	813.3
06-22	986	63	15	719	168	13	2	2	2	0	2	0	930.8
06-00	996	63	15	727	170	13	2	2	2	0	2	0	940.8
00-00	1015	63	15	743	173	13	2	2	2	0	2	0	959.8
AM Peak													
08:00	10:00	08:00	08:00	11:00	10:00	09:00	09:00	00:00	00:00	08:00	00:00		88.1
80	14	2	65	10	4	1	1	0	0	1	0		
PM Peak													
12:00	12:00	16:00	12:00	15:00	14:00	16:00	12:00	17:00	12:00	12:00	12:00		104.8
59	6	4	77	19	2	1	0	1	0	0	0		

Monday 19 June 2023													
Time	Total Volume	Class											
		PC	MC	Car	LGV	2R HGV	3R HGV	4R HGV	3A HGV	4A HGV	5+A HGV		PSV
00:00	3	0	0	3	0	0	0	0	0	0	0	0	3
01:00	1	0	0	1	0	0	0	0	0	0	0	0	1
02:00	2	0	0	1	1	0	0	0	0	0	0	0	2
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	3	0	0	1	2	0	0	0	0	0	0	0	3
05:00	12	0	0	11	0	1	0	0	0	0	0	0	12.5
06:00	63	3	1	49	8	1	0	0	0	0	0	1	61
07:00	298	4	3	236	45	7	0	0	3	0	0	0	299.9
08:00	164	0	1	133	26	2	0	0	1	0	0	1	166.8
09:00	108	2	2	71	29	3	0	0	0	0	0	1	107.5
10:00	66	3	1	38	15	6	0	0	0	0	2	1	69.1
11:00	79	2	0	57	15	3	0	0	0	0	0	2	80.5
12:00	95	0	2	74	14	4	0	0	0	0	1	0	97.3
13:00	100	0	1	67	22	7	0	0	2	0	1	0	106.9
14:00	78	1	1	52	17	6	0	0	0	0	0	2	82.5
15:00	113	1	2	83	22	5	0	0	0	0	0	0	113.5
16:00	115	2	2	82	19	7	0	0	1	0	0	2	118.8
17:00	113	6	2	74	24	5	0	0	2	0	0	0	111.1
18:00	78	0	2	52	19	4	0	0	1	0	0	0	80.3
19:00	81	2	0	63	13	1	0	0	0	0	1	1	81.8
20:00	42	1	0	29	10	1	0	1	0	0	0	0	42.8
21:00	38	1	2	24	8	3	0	0	0	0	0	0	37.5
22:00	9	0	1	5	3	0	0	0	0	0	0	0	8.5
23:00	6	0	0	5	1	0	0	0	0	0	0	0	6
Total													
07-19	1408	21	19	1019	267	59	0	0	10	0	4	9	1434.2
06-22	1632	28	22	1184	306	65	0	1	10	0	5	11	1657.3
06-00	1647	28	23	1194	310	65	0	1	10	0	5	11	1671.8
00-00	1669	28	23	1211	313	66	0	1	10	0	5	11	1693.3
AM Peak													
	07:00	07:00	07:00	07:00	07:00	07:00	00:00	00:00	07:00	00:00	10:00	11:00	
	298	4	3	236	45	7	0	0	3	0	2	2	308.5
PM Peak													
	16:00	17:00	12:00	15:00	17:00	13:00	12:00	20:00	13:00	12:00	12:00	14:00	
	115	6	2	83	24	7	0	1	2	0	1	2	131.7

Tuesday 20 June 2023													
Time	Total Volume	Class											
		PC	MC	Car	LGV	2R HGV	3R HGV	4R HGV	3A HGV	4A HGV	5+A HGV	PSV	
00:00	2	0	0	1	1	0	0	0	0	0	0	0	2
01:00	2	0	0	2	0	0	0	0	0	0	0	0	2
02:00	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
04:00	2	0	0	2	0	0	0	0	0	0	0	0	2
05:00	20	2	0	17	0	1	0	0	0	0	0	0	18.5
06:00	57	2	1	47	6	1	0	0	0	0	0	0	55
07:00	328	4	6	259	53	3	0	0	0	0	0	1	325.8
08:00	181	3	1	138	33	4	0	0	1	0	1	0	182.1
09:00	111	1	0	79	20	9	1	0	1	0	0	0	116.3
10:00	72	0	0	43	23	3	0	0	1	0	2	0	77.4
11:00	94	2	0	68	16	7	0	0	1	0	0	0	96.8
12:00	111	0	1	80	21	7	0	0	2	0	0	0	116.6
13:00	91	0	0	64	23	3	0	0	0	0	0	1	93.5
14:00	89	0	0	61	20	3	1	1	0	0	0	2	95.6
15:00	103	3	1	64	29	4	1	0	0	0	0	1	103
16:00	126	0	0	83	33	8	0	0	2	0	0	0	132.6
17:00	155	4	2	109	33	7	0	0	0	0	0	0	153.5
18:00	72	3	0	47	21	0	0	0	0	0	0	1	70
19:00	91	6	3	61	19	1	0	0	1	0	0	0	85.3
20:00	52	0	7	33	12	0	0	0	0	0	0	0	48.5
21:00	24	1	2	16	5	0	0	0	0	0	0	0	22
22:00	24	0	1	18	5	0	0	0	0	0	0	0	23.5
23:00	8	0	0	6	2	0	0	0	0	0	0	0	8
Total													
07-19	1533	20	11	1095	325	58	3	0	10	0	4	7	1563.2
06-22	1757	29	24	1252	367	60	3	0	11	0	4	7	1774
06-00	1789	29	25	1276	374	60	3	0	11	0	4	7	1805.5
00-00	1815	31	25	1288	375	61	3	0	11	0	4	7	1830
AM Peak													
07:00	07:00	07:00	07:00	07:00	09:00	09:00	00:00	08:00	00:00	10:00	07:00		
328	4	6	259	53	9	1	0	1	0	2	2		340.9
PM Peak													
17:00	19:00	20:00	17:00	16:00	16:00	14:00	12:00	12:00	12:00	12:00	14:00		
155	6	7	109	33	8	1	0	2	0	0	2		167.6

Wednesday 21 June 2023														
Time	Total Volume	Class												
		PC	MC	Car	LGV	2R HGV	3R HGV	4R HGV	3AHGV	4AHGV	5+A HGV	PSV		
00:00	2	0	0	2	0	0	0	0	0	0	0	0	0	2
01:00	1	0	0	1	0	0	0	0	0	0	0	0	0	1
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	3	0	0	2	1	0	0	0	0	0	0	0	0	3
05:00	13	1	0	10	0	2	0	0	0	0	0	0	0	13
06:00	66	5	3	49	6	2	0	0	0	0	0	0	1	61.5
07:00	314	2	5	264	47	3	0	0	3	0	0	0	0	314.9
08:00	175	4	1	132	30	7	0	0	0	0	0	0	1	171
09:00	111	2	3	80	20	6	0	0	0	0	0	0	0	110.5
10:00	78	0	2	48	17	9	0	0	1	0	0	0	1	83.8
11:00	73	7	1	42	12	8	0	0	1	0	0	0	2	66
12:00	104	4	1	67	29	2	0	0	0	0	0	0	1	101.5
13:00	110	3	3	78	21	3	0	0	1	0	0	0	1	109.3
14:00	100	3	5	67	15	7	0	0	2	0	0	0	1	101.6
15:00	118	1	1	74	29	6	0	0	5	0	0	0	2	126
16:00	119	1	3	81	29	4	0	0	1	0	0	0	0	119.8
17:00	142	3	4	94	32	9	0	0	0	0	0	0	0	141.5
18:00	81	3	2	60	13	1	0	1	0	0	0	0	1	79.8
19:00	75	7	1	53	13	0	0	0	0	0	0	0	1	68.5
20:00	61	3	2	34	21	1	0	0	0	0	0	0	0	57.5
21:00	30	0	6	21	2	0	0	0	1	0	0	0	0	28.5
22:00	15	0	0	11	3	1	0	0	0	0	0	0	0	15.5
23:00	11	0	0	9	1	1	0	0	0	0	0	0	0	11.5
														0
														0
07-19	1525	33	31	1077	294	65	0	1	14	0	0	0	10	1538.5
08-22	1757	49	43	1234	338	88	0	1	15	0	0	0	12	1754.3
06-00	1783	48	43	1254	340	70	0	1	15	0	0	0	12	1781.3
00-00	1802	49	43	1269	341	72	0	1	15	0	0	0	12	1800.3
AM Peak														327.9
	07:00	11:00	07:00	07:00	07:00	10:00	00:00	00:00	07:00	00:00	00:00	11:00		
	314	7	5	254	47	9	0	0	3	0	0	2		
PM Peak														160.3
	17:00	19:00	21:00	17:00	17:00	17:00	12:00	18:00	15:00	12:00	12:00	15:00		
	142	7	6	94	32	9	0	1	5	0	0	2		

Site: 1: Ulmes Walton Lane, Leyland  
 Direction: Southwest bound

Thursday 15 June 2023														tot pcu	5 day average	TA 2021 baseline	Exc PC	Total 5 day average	Total average
Time	Total Volume	Class																	
		PC	MC	Car	LGV	2R HGV	3R HGV	4R HGV	3AHGV	4A HGV	5+A HGV	PSV							
00:00	2	0	0	1	1	0	0	0	0	0	0	0	2	7	1	2	7	1.4	
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	5	1	0	0	1	
02:00	2	0	0	1	0	1	0	0	0	0	0	0	2.5	12	2	2	10	2	
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	0.4	
04:00	3	0	0	2	0	1	0	0	0	0	0	0	3.5	14	3	3	13	2.6	
05:00	10	0	1	5	4	0	0	0	0	0	0	0	47	9	9.5	10	45	9	
06:00	33	0	0	23	8	1	1	0	0	0	0	0	156	32	34	53	150	30	
07:00	102	0	3	69	24	5	0	0	1	0	0	0	104.3	547	109	91	102	529	105.8
08:00	135	1	1	84	26	7	1	0	3	0	1	1	143.7	687	137	91	134	682	132.4
09:00	96	3	1	65	22	3	0	0	2	0	0	0	96.6	423	85	93	400	80	
10:00	83	1	0	54	11	16	0	0	0	0	0	0	91.3	380	76	82	357	71.4	
11:00	93	2	0	65	18	6	0	0	2	0	0	0	96.6	497	99	91	473	94.6	
12:00	113	4	5	83	18	2	0	0	1	0	0	0	108.8	605	121	108	598	119.6	
13:00	82	0	1	58	15	7	0	0	1	0	0	0	86.3	443	89	82	429	85.6	
14:00	103	1	3	66	26	7	0	0	0	0	0	0	104	522	104	102	507	101.4	
15:00	132	3	0	95	26	5	0	0	3	0	0	0	135.4	748	150	129	726	145.2	
16:00	283	3	7	231	37	3	0	0	2	0	0	0	280.6	1268	254	280	1274	254.2	
17:00	163	7	1	133	20	1	0	0	1	0	0	0	157.3	844	169	207	156	837	167.4
18:00	102	5	1	79	15	2	0	0	0	0	0	0	97.5	505	101	97	502	100.4	
19:00	75	2	0	61	10	1	0	1	0	0	0	0	74.8	359	72	73	348	69.6	
20:00	37	3	1	23	9	0	0	1	0	0	0	0	34.6	201	40	34	200	40	
21:00	30	0	1	26	3	0	0	0	0	0	0	0	29.5	133	27	30	136	27	
22:00	14	0	0	10	3	1	0	0	0	0	0	0	14.5	58	12	14	58	11.6	
23:00	3	0	0	1	2	0	0	0	0	0	0	0	3	28	6	3	28	5.6	
													0	0	0	0	0	0	0
													0	0	0	0	0	0	0
07-19	1487	30	23	1092	298	64	1	1	16	0	1	1	1502.4	7469	1494	1627	7291	1458	
06-22	1662	35	25	1225	288	66	2	3	16	0	1	1	1675.5	8319	1664	1627	8124	1625	
05-00	1679	35	25	1236	293	67	2	3	16	0	1	1	1693	8406	1681	1644	8210	1642	
00-00	1696	35	26	1245	298	68	3	3	16	0	1	1	1710.5	8492	1698	1661	8292	1658	
													0	0	0	0	0	0	0
													0	0	0	0	0	0	0
AM Peak	08:00	09:00	07:00	08:00	08:00	10:00	04:00	10:00	08:00	00:00	08:00	08:00	160.5	780	152	0	0	0	0
	135	3	3	94	26	16	1	1	3	0	1	1							
													0	0	0	0	0	0	0
PM Peak	16:00	17:00	16:00	16:00	16:00	13:00	12:00	19:00	15:00	12:00	12:00	12:00	291.2	1363	273				
	283	7	7	231	37	7	0	1	3	0	0	0							



Friday 16 June 2023													
Time	Total Volume	Class											
		PC	MC	Car	LGV	2R HGV	3R HGV	4R HGV	3A HGV	4A HGV	5+A HGV		PSV
00:00	1	0	0	0	1	0	0	0	0	0	0	0	1
01:00	2	0	0	1	1	0	0	0	0	0	0	0	2
02:00	1	0	0	1	0	0	0	0	0	0	0	0	1
03:00	2	0	0	2	0	0	0	0	0	0	0	0	2
04:00	4	0	0	3	1	0	0	0	0	0	0	0	4
05:00	10	0	2	7	1	0	0	0	0	0	0	0	9
06:00	24	1	0	16	5	2	0	0	0	0	0	0	24
07:00	114	1	4	80	23	6	0	0	0	0	0	0	114
08:00	135	1	4	84	39	5	0	0	1	0	0	1	136.8
09:00	86	1	3	57	15	6	0	0	3	0	0	1	91.4
10:00	79	2	0	57	17	3	0	0	0	0	0	0	78.5
11:00	108	1	2	79	16	10	0	0	0	0	0	0	111
12:00	159	0	4	133	18	3	0	0	0	0	0	1	159.5
13:00	103	0	4	80	18	1	0	0	0	0	0	0	101.5
14:00	140	2	4	103	23	5	1	1	1	0	0	1	141.3
15:00	147	1	1	112	30	2	0	0	1	0	0	0	147.8
16:00	165	2	5	125	31	1	0	0	1	0	0	0	162.3
17:00	123	1	2	103	16	0	1	0	0	0	0	0	121.5
18:00	84	1	1	74	15	3	0	0	0	0	0	0	84
19:00	56	1	1	46	7	1	0	0	0	0	0	0	55
20:00	52	1	2	37	10	1	0	0	1	0	0	0	51.8
21:00	28	0	1	19	8	0	0	0	0	0	0	0	27.5
22:00	13	0	0	10	3	0	0	0	0	0	0	0	13
23:00	7	0	0	6	1	0	0	0	0	0	0	0	7
Total													
07-19	1453	13	34	1087	261	45	2	0	7	0	0	4	1459.6
06-22	1613	16	38	1205	291	49	2	0	8	0	0	4	1617.9
06-00	1633	16	38	1221	295	49	2	0	8	0	0	4	1637.9
00-00	1653	16	40	1235	299	49	2	0	8	0	0	4	1656.9
AM Peak													
08:00	10:00	07:00	08:00	08:00	11:00	00:00	00:00	09:00	00:00	00:00	00:00	08:00	
135	2	4	84	39	10	0	0	3	0	0	0	1	148.9
PM Peak													
16:00	14:00	16:00	12:00	16:00	14:00	14:00	12:00	14:00	12:00	12:00	12:00	12:00	
165	2	5	133	31	5	1	0	1	0	0	0	1	179.8

Saturday 17 June 2023													
Time	Total Volume	Class											
		PC	MC	Car	LGV	2R HGV	3R HGV	4R HGV	3A HGV	4A HGV	5+A HGV		PSV
00:00	2	0	0	1	0	1	0	0	0	0	0	0	2.5
01:00	2	0	0	2	0	0	0	0	0	0	0	0	2
02:00	1	0	0	1	0	0	0	0	0	0	0	0	1
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	2	0	0	2	0	0	0	0	0	0	0	0	2
05:00	3	0	1	1	1	0	0	0	0	0	0	0	2.5
06:00	21	0	0	15	4	1	0	0	1	0	0	0	22.8
07:00	43	2	2	28	9	1	0	0	0	0	1	0	41.8
08:00	68	5	1	42	18	1	0	0	0	0	0	1	64
09:00	90	3	3	60	18	5	0	0	1	0	0	0	89.3
10:00	97	5	0	68	22	2	0	0	0	0	0	0	93
11:00	123	3	1	98	17	3	0	0	1	0	0	0	122.3
12:00	105	4	0	79	17	1	0	0	4	0	0	0	106.7
13:00	60	2	5	36	15	0	0	0	0	0	0	0	55.5
14:00	71	1	6	53	10	0	0	0	1	0	0	0	68.3
15:00	75	2	2	59	12	0	0	0	0	0	0	0	72
16:00	85	2	0	75	7	0	0	0	1	0	0	0	84.3
17:00	76	0	0	63	10	2	0	0	1	0	0	0	78.3
18:00	62	1	0	52	9	0	0	0	0	0	0	0	61
19:00	41	0	2	32	7	0	0	0	0	0	0	0	40
20:00	26	1	2	21	2	0	0	0	0	0	0	0	24
21:00	25	0	1	20	4	0	0	0	0	0	0	0	24.5
22:00	17	0	0	15	2	0	0	0	0	0	0	0	17
23:00	5	0	0	3	2	0	0	0	0	0	0	0	5
Total													
07-19	955	30	20	715	164	15	0	0	9	0	1	1	936.5
06-22	1068	31	25	803	181	16	0	0	10	0	1	1	1047.8
06-00	1090	31	25	821	185	16	0	0	10	0	1	1	1069.8
00-00	1100	31	26	828	188	17	0	0	10	0	1	1	1079.8
AM Peak													
11:00	08:00	09:00	11:00	10:00	09:00	00:00	00:00	06:00	00:00	07:00	08:00		
123	5	3	98	22	5	0	0	1	0	1	1	135.6	
PM Peak													
12:00	12:00	14:00	12:00	12:00	17:00	12:00	12:00	12:00	12:00	12:00	12:00		
105	4	6	79	17	2	0	0	4	0	0	0	111.2	

Sunday 18 June 2023													
Time	Total Volume	Class											
		PC	MC	Car	LGV	2R HGV	3R HGV	4R HGV	3A HGV	4A HGV	5+A HGV	PSV	
00:00	7	0	0	6	1	0	0	0	0	0	0	0	7
01:00	2	0	0	1	1	0	0	0	0	0	0	0	2
02:00	3	0	0	3	0	0	0	0	0	0	0	0	3
03:00	1	0	0	0	1	0	0	0	0	0	0	0	1
04:00	1	0	0	1	0	0	0	0	0	0	0	0	1
05:00	5	0	1	4	0	0	0	0	0	0	0	0	4.5
06:00	23	0	0	18	1	1	0	0	0	0	0	0	20.5
07:00	30	2	0	24	4	0	0	0	0	0	0	0	28
08:00	27	4	1	19	3	0	0	0	0	0	0	0	22.5
09:00	56	11	0	38	6	1	0	0	0	0	0	0	45.5
10:00	64	4	0	42	16	2	0	0	0	0	0	0	61
11:00	101	2	1	84	11	1	0	1	0	0	1	0	101.6
12:00	105	3	0	78	21	2	0	0	1	0	0	0	104.3
13:00	75	1	1	55	17	1	0	0	0	0	0	0	74
14:00	70	0	0	58	10	2	0	0	0	0	0	0	71
15:00	72	1	0	62	9	0	0	0	0	0	0	0	71
16:00	92	0	2	74	15	1	0	0	0	0	0	0	91.5
17:00	91	1	0	74	15	0	0	0	1	0	0	0	91.3
18:00	45	0	1	36	7	1	0	0	0	0	0	0	45
19:00	39	0	0	29	10	0	0	0	0	0	0	0	39
20:00	39	0	1	32	5	0	0	0	0	0	0	0	38.5
21:00	12	0	0	7	5	0	0	0	0	0	0	0	12
22:00	5	0	0	5	0	0	0	0	0	0	0	0	5
23:00	3	0	0	2	1	0	0	0	0	0	0	0	3
Total													
07-19	828	29	6	644	134	11	0	1	2	0	1	0	806.7
06-22	938	29	7	731	155	12	0	1	2	0	1	0	916.7
06-00	946	29	7	738	156	12	0	1	2	0	1	0	924.7
00-00	965	29	8	753	159	12	0	1	2	0	1	0	943.2
AM Peak													
11:00	101	09:00	05:00	11:00	10:00	10:00	00:00	11:00	00:00	00:00	11:00	00:00	108.1
101	11	1	84	16	2	0	1	0	0	1	0	0	
PM Peak													
12:00	105	12:00	16:00	12:00	12:00	12:00	12:00	12:00	12:00	12:00	12:00	12:00	105.3
105	3	2	78	21	2	0	0	1	0	0	0	0	

Monday 19 June 2023													
Time	Total Volume	Class											
		PC	MC	Car	LGV	2R HGV	3R HGV	4R HGV	3A HGV	4A HGV	5+A HGV		PSV
00:00	1	0	0	1	0	0	0	0	0	0	0	0	1
01:00	1	0	0	0	1	0	0	0	0	0	0	0	1
02:00	1	0	0	0	1	0	0	0	0	0	0	0	1
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	2	0	0	1	1	0	0	0	0	0	0	0	2
05:00	5	0	1	1	2	1	0	0	0	0	0	0	5
06:00	35	0	2	26	2	3	0	0	1	0	1	0	38.1
07:00	107	3	1	77	18	6	0	0	2	0	0	0	109.1
08:00	131	2	2	96	24	4	0	0	2	0	0	1	133.6
09:00	69	1	0	44	16	6	0	0	1	0	0	1	73.3
10:00	57	1	0	42	9	5	0	0	0	0	0	0	56
11:00	75	1	2	45	21	3	0	0	1	0	1	1	78.1
12:00	127	2	3	93	21	8	0	0	0	0	0	0	127.5
13:00	67	1	0	41	17	4	0	0	3	0	0	1	72.9
14:00	93	1	2	68	18	4	0	0	0	0	0	0	93
15:00	130	1	0	106	18	4	0	0	1	0	0	0	132.3
16:00	254	1	4	210	37	1	0	0	1	0	0	0	252.8
17:00	195	5	1	153	30	4	0	0	1	0	1	0	194.1
18:00	100	0	0	76	24	0	0	0	0	0	0	0	100
19:00	72	2	2	57	9	2	0	0	0	0	0	0	70
20:00	35	0	0	27	7	1	0	0	0	0	0	0	35.5
21:00	27	1	2	19	5	0	0	0	0	0	0	0	26
22:00	8	0	2	4	2	0	0	0	0	0	0	0	7
23:00	9	0	0	9	0	0	0	0	0	0	0	0	9
Total													
07-19	1405	19	15	1051	253	49	0	0	12	0	2	4	1425.2
06-22	1574	22	21	1180	276	55	0	0	13	0	3	4	1593.8
06-00	1591	22	23	1193	278	55	0	0	13	0	3	4	1609.8
00-00	1601	22	24	1196	283	56	0	0	13	0	3	4	1619.8
AM Peak													
08:00	131	3	2	96	24	6	0	0	2	0	1	1	138.9
PM Peak													
16:00	254	5	4	210	37	8	0	0	3	0	1	1	272.2

Tuesday 20 June 2023													
Time	Total Volume	Class											
		PC	MC	Car	LGV	2R HGV	3R HGV	JR HGV	3A HGV	4A HGV	5+A HGV	PSV	
00:00	2	0	0	2	0	0	0	0	0	0	0	0	2
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	2	0	0	1	0	1	0	0	0	0	0	0	2.5
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	2	0	0	2	0	0	0	0	0	0	0	0	2
05:00	10	0	0	6	2	1	0	0	0	0	1	0	11.8
06:00	27	0	0	18	5	2	0	0	1	0	0	1	30.3
07:00	111	0	1	86	20	2	0	0	1	0	1	0	114.1
08:00	111	0	0	75	30	4	0	0	1	0	0	1	115.3
09:00	69	0	0	51	9	7	1	0	1	0	0	0	74.3
10:00	80	0	0	63	10	5	0	0	2	0	0	0	85.1
11:00	103	0	1	88	34	7	0	0	1	0	0	2	109.3
12:00	109	1	0	89	16	3	0	0	0	0	0	0	109.5
13:00	78	0	0	60	12	5	0	0	1	0	0	0	81.5
14:00	88	2	0	67	21	6	1	0	1	0	0	0	100.8
15:00	157	0	1	119	32	1	0	1	3	0	0	0	162.2
16:00	300	0	6	247	42	5	0	0	0	0	0	0	299.5
17:00	182	4	3	144	27	2	1	0	1	0	0	0	179.3
18:00	118	7	3	90	14	3	0	0	0	0	0	1	112
19:00	72	6	0	50	9	2	0	1	0	0	4	0	73.5
20:00	46	0	3	31	6	0	0	0	0	0	0	0	46
21:00	19	0	0	15	3	0	0	0	0	0	0	0	19
22:00	11	0	0	6	4	0	0	0	1	0	0	0	12.3
23:00	2	0	0	1	1	0	0	0	0	0	0	0	2
Total													
07-19	1516	14	15	1149	267	50	3	1	12	0	1	4	1543.2
06-22	1674	20	18	1264	290	54	3	2	13	0	5	5	1704.5
06-00	1687	20	18	1271	295	54	3	2	14	0	5	5	1718.8
00-00	1703	20	18	1282	297	56	3	2	14	0	6	5	1737.1
AM Peak													
07:00	07:00	07:00	07:00	11:00	09:00	09:00	00:00	10:00	00:00	05:00	11:00		
111	0	1	86	34	7	1	0	2	0	1	2		143.4
PM Peak													
16:00	18:00	16:00	16:00	16:00	14:00	14:00	15:00	15:00	12:00	19:00	18:00		
300	7	6	247	42	6	1	1	3	0	4	1		322.9

Wednesday 21 June 2023													
Time	Total Volume	Class										PSV	
		PC	MC	Car	LGV	2R HGV	3R HGV	4R HGV	3AHGV	4AHGV	5+A HGV		
00:00	1	0	0	1	0	0	0	0	0	0	0	0	1
01:00	2	0	0	2	0	0	0	0	0	0	0	0	2
02:00	4	0	0	3	0	1	0	0	0	0	0	0	4.5
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	2	0	0	2	0	0	0	0	0	0	0	0	2
05:00	10	0	1	4	2	2	0	0	0	0	1	0	11.8
06:00	32	0	2	24	5	1	0	0	0	0	0	0	31.5
07:00	100	1	1	65	25	4	0	0	4	0	0	0	105.7
08:00	155	1	4	105	36	7	0	0	1	0	0	1	157.8
09:00	88	3	1	58	20	6	0	0	0	0	0	0	87.5
10:00	64	2	0	37	16	7	1	0	0	0	0	1	67
11:00	98	0	1	75	14	7	0	0	0	0	1	0	102.3
12:00	101	4	1	70	19	7	0	0	0	0	0	0	100
13:00	101	1	1	83	14	2	0	0	0	0	0	0	100.5
14:00	83	4	0	50	24	3	0	0	1	0	0	1	82.8
15:00	167	2	2	126	31	2	0	0	4	0	0	0	170.2
16:00	279	4	5	232	38	0	0	0	0	0	0	0	272.5
17:00	200	9	1	159	29	2	0	0	0	0	0	0	191.5
18:00	105	4	2	83	14	2	0	0	0	0	0	0	101
19:00	88	4	0	71	12	0	0	1	0	0	0	0	85.3
20:00	43	3	1	33	4	2	0	0	0	0	0	0	40.5
21:00	33	1	1	24	7	0	0	0	0	0	0	0	31.5
22:00	12	0	1	10	1	0	0	0	0	0	0	0	11.5
23:00	7	0	0	6	1	0	0	0	0	0	0	0	7
Total													
07-19	1541	35	19	1143	280	49	1	0	10	0	1	3	1538.8
08-22	1737	43	23	1295	338	52	1	1	10	0	1	3	1722.6
06-00	1756	43	24	1311	310	52	1	1	10	0	1	3	1746.1
00-00	1775	43	25	1323	312	55	1	1	10	0	2	3	1767.4
AM Peak													
08:00	09:00	08:00	08:00	08:00	08:00	10:00	00:00	07:00	00:00	05:00	08:00		
155	3	4	105	36	7	1	0	4	0	1	1		168.5
PM Peak													
16:00	17:00	16:00	16:00	16:00	12:00	12:00	19:00	15:00	12:00	12:00	14:00		
279	9	5	232	38	7	0	1	4	0	0	1		296.5

Site: 1: Ulmes Walton Lane, Leyland  
 Direction: Northeast bound

Thursday 15 June 2023																			
Time	Total Volume	85th Percentile	Mean Average	Standard Deviation	5>=10	10>=15	15>=20	20>=25	25>=30	30>=35	35>=40	40>=45	45>=50	50>=55	55>=60	60>=65	65>=70	70>=75	75>=80
00:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00	1	-	29.8	-	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
02:00	1	-	26.6	-	0	0	0	0	1	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
04:00	3	-	30.2	4.9	0	0	0	0	2	0	1	0	0	0	0	0	0	0	0
05:00	20	32.2	26.8	6.6	0	0	5	1	7	5	2	0	0	0	0	0	0	0	0
06:00	68	35.6	28.8	6.5	0	3	6	4	24	19	11	1	0	0	0	0	0	0	0
07:00	315	32.4	28.3	4.7	0	7	12	31	158	92	14	1	0	0	0	0	0	0	0
08:00	179	33.6	29.8	4.1	0	0	5	9	79	69	16	1	0	0	0	0	0	0	0
09:00	132	34	29.1	4.7	0	1	3	16	60	42	7	3	0	0	0	0	0	0	0
10:00	88	32.2	27.9	5.1	2	0	3	17	39	24	3	0	0	0	0	0	0	0	0
11:00	85	33.1	27.7	6.4	0	6	6	10	32	22	8	1	0	0	0	0	0	0	0
12:00	101	33.3	28.6	5.3	0	4	2	18	30	38	9	0	0	0	0	0	0	0	0
13:00	119	32.7	28.3	4.7	0	0	4	28	45	33	6	3	0	0	0	0	0	0	0
14:00	70	33.3	29.6	3.6	0	0	0	6	32	26	6	0	0	0	0	0	0	0	0
15:00	115	32.7	28.3	4.7	0	2	2	22	44	40	5	0	0	0	0	0	0	0	0
16:00	107	34.2	30.3	4.4	0	1	1	6	39	47	12	1	0	0	0	0	0	0	0
17:00	145	35.8	30.5	5.5	0	0	9	10	40	57	25	4	0	0	0	0	0	0	0
18:00	93	34.9	30.4	4.8	0	0	4	9	25	41	13	1	0	0	0	0	0	0	0
19:00	64	33.6	28.9	4.9	0	0	4	7	26	24	3	0	0	0	0	0	0	0	0
20:00	54	35.8	30.4	6	0	0	5	4	14	18	10	3	0	0	0	0	0	0	0
21:00	31	32.4	28.8	6.1	0	2	0	4	12	10	2	1	0	0	0	0	0	0	0
22:00	21	38.5	30.9	6.8	0	0	2	1	8	4	4	2	0	0	0	0	0	0	0
23:00	9	-	29.6	4.7	0	0	0	0	6	1	2	0	0	0	0	0	0	0	0
Totals																			
07-19	1549	33.6	29	4.9	2	21	51	182	623	531	124	15	0	0	0	0	0	0	0
06-22	1766	33.8	29.1	5	2	26	66	201	699	602	150	20	0	0	0	0	0	0	0
06-00	1796	33.8	29.1	5.1	2	26	68	202	713	607	156	22	0	0	0	0	0	0	0
00-00	1821	33.8	29.1	5.1	2	26	73	203	724	612	159	22	0	0	0	0	0	0	0
AM Peak																			
07:00	06:00	04:00	05:00	10:00	07:00	07:00	07:00	07:00	07:00	07:00	08:00	09:00	00:00	00:00	00:00	00:00	00:00	00:00	00:00
315	35.6	30.2	6.6	2	7	12	31	158	92	16	3	0	0	0	0	0	0	0	0
PM Peak																			
17:00	22:00	22:00	22:00	12:00	12:00	17:00	13:00	13:00	17:00	17:00	17:00	12:00	12:00	12:00	12:00	12:00	12:00	12:00	12:00
145	38.5	30.9	6.8	0	4	9	28	45	57	25	4	0	0	0	0	0	0	0	0

Friday 16 June 2023																			
Time	Total Volume	85th Percentile	Mean Average	Standard Deviation	5>=10	10>=15	15>=20	20>=25	25>=30	30>=35	35>=40	40>=45	45>=50	50>=55	55>=60	60>=65	65>=70	70>=75	75>=80
00:00	2	-	28.3	5.1	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0
01:00	3	-	31.5	2.7	0	0	0	0	1	2	0	0	0	0	0	0	0	0	0
02:00	1	-	35.9	-	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
03:00	1	-	30.6	-	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
04:00	4	-	30.8	3.6	0	0	0	0	1	2	1	0	0	0	0	0	0	0	0
05:00	13	34.7	30.4	3.7	0	0	0	1	4	6	2	0	0	0	0	0	0	0	0
06:00	62	33.3	29	5.1	0	1	1	8	28	19	4	0	1	0	0	0	0	0	0
07:00	280	32.2	29	3.6	0	1	2	22	156	82	17	0	0	0	0	0	0	0	0
08:00	162	34.2	29.9	5.1	0	2	4	16	57	65	14	4	0	0	0	0	0	0	0
09:00	106	34	29.1	5.2	0	3	2	12	41	36	11	1	0	0	0	0	0	0	0
10:00	81	34.7	29.8	5.6	1	1	1	10	25	31	10	2	0	0	0	0	0	0	0
11:00	82	34.4	30	5.2	0	0	4	7	30	29	11	0	1	0	0	0	0	0	0
12:00	109	33.8	30.2	4	0	0	0	14	30	53	12	0	0	0	0	0	0	0	0
13:00	91	34.9	29.5	6	0	2	7	8	25	35	11	3	0	0	0	0	0	0	0
14:00	89	34.2	29.7	5	0	2	4	4	31	41	7	0	0	0	0	0	0	0	0
15:00	142	33.6	29.9	4.4	0	1	4	10	58	58	9	2	0	0	0	0	0	0	0
16:00	124	34.7	30.7	4.5	0	0	6	6	29	68	14	1	0	0	0	0	0	0	0
17:00	124	36.2	32.4	4.6	0	2	0	3	31	53	30	5	0	0	0	0	0	0	0
18:00	77	34.4	29.6	5.9	0	4	2	2	29	28	10	2	0	0	0	0	0	0	0
19:00	60	36.2	30.6	5.3	0	0	3	4	20	22	7	4	0	0	0	0	0	0	0
20:00	49	35.8	30.6	5.7	0	1	1	4	14	16	11	2	0	0	0	0	0	0	0
21:00	37	34.4	30.2	5.3	0	0	1	4	15	13	2	2	0	0	0	0	0	0	0
22:00	22	34.2	30.2	6.1	0	1	0	2	6	10	2	1	0	0	0	0	0	0	0
23:00	13	34.4	30.6	6.9	0	0	1	1	6	3	0	2	0	0	0	0	0	0	0
Totals																			
07-19	1467	34.4	29.9	4.8	1	18	36	114	542	579	156	20	1	0	0	0	0	0	0
06-22	1675	34.4	29.9	4.9	1	20	42	134	619	649	180	28	2	0	0	0	0	0	0
06-00	1710	34.4	29.9	4.9	1	21	43	137	631	662	182	31	2	0	0	0	0	0	0
00-00	1734	34.4	30	4.9	1	21	43	139	637	674	186	31	2	0	0	0	0	0	0
AM Peak	07:00	05:00	02:00	10:00	10:00	09:00	08:00	07:00	07:00	07:00	07:00	08:00	06:00	00:00	00:00	00:00	00:00	00:00	00:00
	280	34.7	35.9	5.6	1	3	4	22	156	82	17	4	1	0	0	0	0	0	0
PM Peak	15:00	17:00	17:00	23:00	12:00	18:00	13:00	12:00	15:00	16:00	17:00	17:00	12:00	12:00	12:00	12:00	12:00	12:00	12:00
	142	36.2	32.4	6.9	0	4	7	14	58	68	30	5	0	0	0	0	0	0	0



Saturday 17 June 2023																			
Time	Total Volume	85th Percentile	Mean Average	Standard Deviation	5>=10	10>=15	15>=20	20>=25	25>=30	30>=35	35>=40	40>=45	45>=50	50>=55	55>=60	60>=65	65>=70	70>=75	75>=80
00:00	11	36.5	33.1	6.3	0	0	0	0	4	3	2	2	0	0	0	0	0	0	0
01:00	2	-	33	1.6	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0
02:00	2	-	30.8	4.9	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0
03:00	3	-	30.1	6.3	0	0	0	1	0	2	0	0	0	0	0	0	0	0	0
04:00	3	-	28.5	3.9	0	0	0	0	2	1	0	0	0	0	0	0	0	0	0
05:00	5	-	23.5	8.8	0	2	0	0	1	2	0	0	0	0	0	0	0	0	0
06:00	22	33.1	29.6	5.1	0	1	0	1	8	10	2	0	0	0	0	0	0	0	0
07:00	77	33.8	28.3	5.8	0	2	7	8	32	20	6	2	0	0	0	0	0	0	0
08:00	86	32.7	27.7	5.2	0	1	7	14	34	25	5	0	0	0	0	0	0	0	0
09:00	80	34.4	29.3	5.5	0	0	6	8	24	33	6	3	0	0	0	0	0	0	0
10:00	97	33.1	27.1	6.7	0	8	9	10	37	25	7	1	0	0	0	0	0	0	0
11:00	120	33.6	28	5.9	0	3	8	17	52	27	12	0	1	0	0	0	0	0	0
12:00	119	33.6	27.7	6	0	2	14	16	42	34	10	0	1	0	0	0	0	0	0
13:00	107	36	31	5.3	0	1	3	5	34	37	22	5	0	0	0	0	0	0	0
14:00	83	34	29.6	5.5	0	2	5	5	27	35	9	0	0	0	0	0	0	0	0
15:00	93	34	29.6	4.6	0	1	2	10	37	34	9	0	0	0	0	0	0	0	0
16:00	77	34.9	30.5	5.2	1	1	1	2	27	32	12	1	0	0	0	0	0	0	0
17:00	53	34.4	30.6	4.8	0	0	0	7	16	23	5	1	1	0	0	0	0	0	0
18:00	59	36.5	31.8	5.2	0	0	2	2	18	22	12	2	1	0	0	0	0	0	0
19:00	57	37.4	32.1	5.5	0	0	2	2	10	28	11	4	0	0	0	0	0	0	0
20:00	45	36.7	30.9	4.6	0	0	0	5	13	15	12	0	0	0	0	0	0	0	0
21:00	28	32.4	28.7	5.3	0	1	1	0	14	11	1	0	0	0	0	0	0	0	0
22:00	22	36.2	30.3	4.9	0	0	0	2	13	3	3	1	0	0	0	0	0	0	0
23:00	15	36.2	29.6	7.3	0	0	2	2	3	3	5	0	0	0	0	0	0	0	0
Totals																			
07-19	1051	34.4	29.1	5.7	1	21	64	104	380	347	115	15	4	0	0	0	0	0	0
06-22	1203	34.7	29.3	5.7	1	23	67	112	425	411	141	19	4	0	0	0	0	0	0
06-00	1240	34.7	29.3	5.7	1	23	69	116	441	417	149	20	4	0	0	0	0	0	0
00-00	1266	34.7	29.3	5.7	1	25	69	117	449	428	151	22	4	0	0	0	0	0	0
AM Peak	11:00	00:00	00:00	05:00	00:00	10:00	10:00	11:00	11:00	09:00	11:00	09:00	11:00	00:00	00:00	00:00	00:00	00:00	00:00
	120	36.5	33.1	8.8	0	8	9	17	52	33	12	3	1	0	0	0	0	0	0
PM Peak	12:00	19:00	19:00	23:00	16:00	12:00	12:00	12:00	12:00	13:00	13:00	13:00	12:00	12:00	12:00	12:00	12:00	12:00	12:00
	119	37.4	32.1	7.3	1	2	14	16	42	37	22	5	1	0	0	0	0	0	0

Sunday 18 June 2023																				
Time	Total Volume	85th Percentile	Mean Average	Standard Deviation	5>=10	10>=15	15>=20	20>=25	25>=30	30>=35	35>=40	40>=45	45>=50	50>=55	55>=60	60>=65	65>=70	70>=75	75>=80	
00:00	7	-	30.4	4.6	0	0	0	1	2	3	1	0	0	0	0	0	0	0	0	
01:00	4	-	31.5	5	0	0	0	0	1	2	1	0	0	0	0	0	0	0	0	
02:00	1	-	33	-	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	
03:00	1	-	28.1	-	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	
04:00	1	-	25.3	-	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	
05:00	5	-	27.1	4.3	0	0	0	2	2	1	0	0	0	0	0	0	0	0	0	
06:00	16	33.1	27.9	6.1	0	1	1	1	7	5	1	0	0	0	0	0	0	0	0	
07:00	52	31.3	27.9	4.1	0	1	1	9	28	9	4	0	0	0	0	0	0	0	0	
08:00	80	31.3	27.5	4.7	0	1	5	14	37	20	3	0	0	0	0	0	0	0	0	
09:00	54	34.9	27.8	8	0	2	10	6	12	16	5	1	2	0	0	0	0	0	0	
10:00	68	33.8	27	7.3	2	1	13	5	19	20	7	1	0	0	0	0	0	0	0	
11:00	69	33.1	28.5	6.7	0	1	10	8	17	27	4	1	0	1	0	0	0	0	0	
12:00	99	33.1	28.6	5.2	0	1	5	11	43	32	6	1	0	0	0	0	0	0	0	
13:00	94	33.3	29.5	4.6	0	1	4	6	37	40	5	1	0	0	0	0	0	0	0	
14:00	67	34.7	29.8	5.8	1	2	2	4	22	27	8	1	0	0	0	0	0	0	0	
15:00	81	34	30.2	4.2	0	1	0	4	34	33	9	0	0	0	0	0	0	0	0	
16:00	78	33.8	29.9	5	0	2	2	7	24	35	8	0	0	0	0	0	0	0	0	
17:00	76	34.4	30	4	0	0	1	6	34	25	10	0	0	0	0	0	0	0	0	
18:00	49	33.3	30.4	3.8	0	0	0	4	18	22	4	1	0	0	0	0	0	0	0	
19:00	49	32.9	29.7	3.3	0	0	0	3	22	21	3	0	0	0	0	0	0	0	0	
20:00	34	36.7	30.8	4.8	0	0	0	5	11	10	8	0	0	0	0	0	0	0	0	
21:00	20	34.9	30.3	4.2	0	0	0	1	10	5	4	0	0	0	0	0	0	0	0	
22:00	8	-	29.3	4.5	0	0	0	1	4	2	1	0	0	0	0	0	0	0	0	
23:00	2	-	27.8	1.3	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	
Totals																				
07-19	867	33.8	29	5.5	3	13	53	84	325	306	73	7	2	1	0	0	0	0	0	
06-22	986	33.8	29.1	5.3	3	14	54	94	375	347	89	7	2	1	0	0	0	0	0	
06-00	996	33.8	29.1	5.3	3	14	54	95	381	349	90	7	2	1	0	0	0	0	0	
00-00	1015	33.8	29.1	5.3	3	14	54	98	388	356	92	7	2	1	0	0	0	0	0	
AM Peak		08:00	09:00	02:00	09:00	10:00	09:00	10:00	08:00	08:00	11:00	10:00	09:00	09:00	11:00	00:00	00:00	00:00	00:00	00:00
		80	34.9	33	8	2	2	13	14	37	27	7	1	2	1	0	0	0	0	0
PM Peak		12:00	20:00	20:00	14:00	14:00	14:00	12:00	12:00	12:00	13:00	17:00	12:00	12:00	12:00	12:00	12:00	12:00	12:00	12:00
		99	36.7	30.8	5.8	1	2	5	11	43	40	10	1	0	0	0	0	0	0	0

Monday 19 June 2023																			
Time	Total Volume	85th Percentile	Mean Average	Standard Deviation	5>=10	10>=15	15>=20	20>=25	25>=30	30>=35	35>=40	40>=45	45>=50	50>=55	55>=60	60>=65	65>=70	70>=75	75>=80
00:00	3	-	34.3	7.7	0	0	0	0	1	0	1	1	0	0	0	0	0	0	0
01:00	1	-	27.5	-	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
02:00	2	-	30.3	1.9	0	0	0	0	1	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	0	0
04:00	3	-	27.7	2.2	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0
05:00	12	33.8	30.2	3.8	0	0	0	1	6	4	1	0	0	0	0	0	0	0	0
06:00	63	35.1	28.6	6.4	0	4	4	2	25	18	9	1	0	0	0	0	0	0	0
07:00	298	31.8	28.5	3.6	0	3	3	31	165	87	9	0	0	0	0	0	0	0	0
08:00	164	33.8	29.6	4.5	0	2	2	11	77	57	14	1	0	0	0	0	0	0	0
09:00	108	33.8	29.1	5.6	0	3	6	8	39	42	9	1	0	0	0	0	0	0	0
10:00	66	30.6	27.6	4.6	0	1	6	7	37	12	2	1	0	0	0	0	0	0	0
11:00	79	33.8	28.3	5.6	0	0	8	15	22	28	4	2	0	0	0	0	0	0	0
12:00	95	33.1	29.2	3.8	0	0	0	12	44	33	5	1	0	0	0	0	0	0	0
13:00	100	33.1	30.1	3.9	0	0	0	6	47	38	7	1	1	0	0	0	0	0	0
14:00	79	34.9	29.9	5.4	0	0	3	12	28	24	9	1	2	0	0	0	0	0	0
15:00	113	33.6	28.7	6.3	0	4	7	13	31	46	10	2	0	0	0	0	0	0	0
16:00	115	35.1	29.4	6.2	0	1	11	12	33	40	16	1	1	0	0	0	0	0	0
17:00	113	35.6	30.3	5.9	0	0	14	4	24	46	22	3	0	0	0	0	0	0	0
18:00	78	36.5	31.7	5.8	0	2	3	5	10	37	19	2	0	0	0	0	0	0	0
19:00	81	35.3	30.9	6	0	0	6	2	31	25	13	2	1	1	0	0	0	0	0
20:00	42	37.6	31.3	7.1	0	1	1	6	8	10	14	1	1	0	0	0	0	0	0
21:00	38	34.9	31.1	5	0	0	1	3	9	18	5	2	0	0	0	0	0	0	0
22:00	9	-	35.1	5.5	0	0	0	0	3	2	2	2	0	0	0	0	0	0	0
23:00	6	-	32.3	4.6	0	0	0	0	2	2	2	0	0	0	0	0	0	0	0
Totals																			
07-19	1408	33.8	29.3	5.1	0	16	63	136	557	490	126	16	4	0	0	0	0	0	0
06-22	1632	34.2	29.4	5.3	0	21	75	149	630	561	167	22	6	1	0	0	0	0	0
06-00	1647	34.2	29.5	5.3	0	21	75	149	635	565	171	24	6	1	0	0	0	0	0
00-00	1668	34.2	29.5	5.3	0	21	75	150	647	570	173	25	6	1	0	0	0	0	0
AM Peak	07:00	06:00	00:00	00:00	00:00	06:00	11:00	07:00	07:00	07:00	08:00	11:00	00:00	00:00	00:00	00:00	00:00	00:00	00:00
	298	35.1	34.3	7.7	0	4	8	31	165	87	14	2	0	0	0	0	0	0	0
PM Peak	16:00	20:00	22:00	20:00	12:00	15:00	17:00	15:00	13:00	15:00	17:00	17:00	14:00	19:00	12:00	12:00	12:00	12:00	12:00
	115	37.6	35.1	7.1	0	4	14	13	47	46	22	3	2	1	0	0	0	0	0

Tuesday 20 June 2023																			
Time	Total Volume	85th Percentile	Mean Average	Standard Deviation	5>=10	10>=15	15>=20	20>=25	25>=30	30>=35	35>=40	40>=45	45>=50	50>=55	55>=60	60>=65	65>=70	70>=75	75>=80
00:00	2	-	29.1	1.8	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0
01:00	2	-	35	0.8	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0
02:00	0	-	-	-	0	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	0	0
04:00	2	-	28.2	1.4	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
05:00	20	33.8	28.4	6.7	1	0	1	2	9	5	2	0	0	0	0	0	0	0	0
06:00	57	34.7	29.2	5.3	0	2	1	5	26	14	9	0	0	0	0	0	0	0	0
07:00	328	32	28.1	4.8	1	9	11	30	163	99	15	0	0	0	0	0	0	0	0
08:00	181	32.7	28.7	4.3	0	0	7	18	91	50	14	1	0	0	0	0	0	0	0
09:00	111	32.2	28.7	4	0	0	2	17	49	38	4	1	0	0	0	0	0	0	0
10:00	72	34.7	29.6	4.8	0	0	4	7	24	27	10	0	0	0	0	0	0	0	0
11:00	94	33.3	28.5	5.3	0	1	5	16	37	26	8	1	0	0	0	0	0	0	0
12:00	111	32	28.7	3.9	0	1	2	15	48	42	3	0	0	0	0	0	0	0	0
13:00	91	32.9	29.1	4.1	0	0	1	13	45	21	11	0	0	0	0	0	0	0	0
14:00	89	34.4	30	4.2	0	0	0	13	29	36	10	1	0	0	0	0	0	0	0
15:00	103	34.4	29.5	5.6	1	3	2	10	39	33	14	1	0	0	0	0	0	0	0
16:00	126	34.9	31.2	4.3	0	0	0	12	34	60	16	3	1	0	0	0	0	0	0
17:00	155	35.1	30.7	5.2	0	0	6	13	41	69	21	5	0	0	0	0	0	0	0
18:00	72	34.2	30.2	4.7	0	0	3	6	21	34	8	0	0	0	0	0	0	0	0
19:00	91	34.9	30.4	5.9	0	3	5	3	27	37	14	2	0	0	0	0	0	0	0
20:00	52	33.6	30.5	3.7	0	0	0	0	27	20	3	2	0	0	0	0	0	0	0
21:00	24	35.3	31.7	7.2	0	2	0	0	5	12	2	3	0	0	0	0	0	0	0
22:00	24	36	31	5.8	0	0	0	4	9	5	4	2	0	0	0	0	0	0	0
23:00	8	-	27.3	5.6	0	0	1	1	3	3	0	0	0	0	0	0	0	0	0
Totals																			
07-19	1533	33.6	29.2	4.7	2	14	43	170	621	535	134	13	1	0	0	0	0	0	0
06-22	1757	33.8	29.4	4.9	2	21	49	178	706	618	162	20	1	0	0	0	0	0	0
06-00	1789	33.8	29.4	4.9	2	21	50	183	718	626	166	22	1	0	0	0	0	0	0
00-00	1815	33.8	29.4	4.9	3	21	51	185	730	633	169	22	1	0	0	0	0	0	0
AM Peak	07:00	06:00	01:00	05:00	05:00	07:00	07:00	07:00	07:00	07:00	07:00	08:00	00:00	00:00	00:00	00:00	00:00	00:00	00:00
	328	34.7	35	6.7	1	9	11	30	163	99	15	1	0	0	0	0	0	0	0
PM Peak	17:00	22:00	21:00	21:00	15:00	15:00	17:00	12:00	12:00	17:00	17:00	17:00	16:00	12:00	12:00	12:00	12:00	12:00	12:00
	155	36	31.7	7.2	1	3	6	15	48	69	21	5	1	0	0	0	0	0	0

Wednesday 21 June 2023																			
Time	Total Volume	85th Percentile	Mean Average	Standard Deviation	5>=10	10>=15	15>=20	20>=25	25>=30	30>=35	35>=40	40>=45	45>=50	50>=55	55>=60	60>=65	65>=70	70>=75	75>=80
00:00	2	-	27.5	3.5	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
01:00	1	-	28.1	-	0	0	0	0	1	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	0	0
03:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	3	-	25.9	1.4	0	0	0	1	2	0	0	0	0	0	0	0	0	0	0
05:00	13	33.8	29.3	5.5	0	0	1	0	8	3	1	0	0	0	0	0	0	0	0
06:00	66	33.3	29.3	5.7	0	2	4	3	25	25	6	0	1	0	0	0	0	0	0
07:00	314	32.2	29	3.6	0	1	3	24	166	106	14	0	0	0	0	0	0	0	0
08:00	175	33.6	28.1	6.5	3	3	12	19	71	50	15	0	2	0	0	0	0	0	0
09:00	111	32.7	27.8	4.9	0	2	4	21	51	22	11	0	0	0	0	0	0	0	0
10:00	78	34.2	29.7	4.2	0	0	0	10	34	25	9	0	0	0	0	0	0	0	0
11:00	73	32.2	27.3	6.3	0	3	7	14	24	18	7	0	0	0	0	0	0	0	0
12:00	104	34.4	28.6	5.7	0	2	8	10	39	35	9	1	0	0	0	0	0	0	0
13:00	110	34	28.4	6.3	1	4	3	13	49	27	10	3	0	0	0	0	0	0	0
14:00	100	34.7	29.1	5.9	3	1	1	11	44	28	9	2	1	0	0	0	0	0	0
15:00	118	35.3	30.8	4.6	0	1	2	10	37	48	17	3	0	0	0	0	0	0	0
16:00	119	34	30.2	4.5	0	2	1	5	52	43	14	2	0	0	0	0	0	0	0
17:00	142	35.8	31.4	5.6	1	2	3	6	31	66	29	2	1	1	0	0	0	0	0
18:00	81	36.2	31.2	4.9	0	1	3	3	19	40	15	0	0	0	0	0	0	0	0
19:00	75	34	29.2	6.5	0	1	11	4	19	31	5	3	1	0	0	0	0	0	0
20:00	61	37.4	30.9	6.7	0	0	5	7	15	17	13	3	1	0	0	0	0	0	0
21:00	30	36	30.4	7.3	0	2	2	1	6	13	4	2	0	0	0	0	0	0	0
22:00	15	35.6	31.6	4.6	0	0	0	1	6	5	2	1	0	0	0	0	0	0	0
23:00	11	36.9	31	6	0	0	1	0	4	3	3	0	0	0	0	0	0	0	0
Totals																			
07-19	1525	34.2	29.3	5.3	8	22	47	146	617	508	159	13	4	1	0	0	0	0	0
06-22	1757	34.2	29.3	5.5	8	27	69	161	682	594	187	21	7	1	0	0	0	0	0
06-00	1783	34.4	29.4	5.5	8	27	70	162	692	602	192	22	7	1	0	0	0	0	0
00-00	1802	34.2	29.4	5.5	8	27	71	163	705	605	193	22	7	1	0	0	0	0	0
AM Peak																			
07:00	10:00	10:00	08:00	08:00	08:00	08:00	08:00	07:00	07:00	07:00	08:00	00:00	08:00	00:00	00:00	00:00	00:00	00:00	00:00
314	34.2	29.7	6.5	3	3	12	24	166	106	15	0	2	0	0	0	0	0	0	0
PM Peak																			
17:00	20:00	22:00	21:00	14:00	13:00	19:00	13:00	16:00	17:00	17:00	17:00	13:00	14:00	17:00	12:00	12:00	12:00	12:00	12:00
142	37.4	31.6	7.3	3	4	11	13	52	66	29	3	1	1	0	0	0	0	0	0

Site: 1: Ulnes Walton Lane, Leyland  
 Direction: Southwest bound

Thursday 15 June 2023																			
Time	Total Volume	85th Percentile	Mean Average	Standard Deviation	5>=10	10>=15	15>=20	20>=25	25>=30	30>=35	35>=40	40>=45	45>=50	50>=55	55>=60	60>=65	65>=70	70>=75	75>=80
00:00	2	-	32.9	4.4	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0
01:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	2	-	38.3	3.8	0	0	0	0	0	0	1	1	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
04:00	3	-	24.8	7.3	0	0	1	0	1	1	0	0	0	0	0	0	0	0	0
05:00	10	-	29.6	6.2	0	0	0	3	3	3	0	0	0	0	0	0	0	0	0
06:00	33	35.1	30.1	5.2	0	0	0	8	7	12	5	1	0	0	0	0	0	0	0
07:00	102	34.2	30.1	4	0	0	0	11	37	43	10	1	0	0	0	0	0	0	0
08:00	135	35.3	30.5	4.9	0	1	2	16	37	56	21	2	0	0	0	0	0	0	0
09:00	96	35.6	30.2	5.3	0	2	2	11	27	37	16	1	0	0	0	0	0	0	0
10:00	83	33.8	28.3	5.2	0	2	3	14	31	24	9	0	0	0	0	0	0	0	0
11:00	93	33.3	28	6.2	3	0	3	20	32	28	5	2	0	0	0	0	0	0	0
12:00	113	32.4	27.3	4.9	0	2	3	35	38	30	5	0	0	0	0	0	0	0	0
13:00	82	34	28.8	5.2	0	0	2	20	24	26	10	0	0	0	0	0	0	0	0
14:00	103	35.6	30.1	5.1	0	1	3	12	33	36	17	1	0	0	0	0	0	0	0
15:00	132	34	29	4.9	0	0	2	26	51	38	13	2	0	0	0	0	0	0	0
16:00	283	32.9	27.8	4.8	1	2	5	73	118	58	23	3	0	0	0	0	0	0	0
17:00	163	34.7	28.7	5.5	0	1	4	43	50	42	20	3	0	0	0	0	0	0	0
18:00	102	35.6	29.7	5.5	0	2	0	19	36	27	14	4	0	0	0	0	0	0	0
19:00	75	36.9	30.7	6.2	0	0	2	13	22	17	16	4	1	0	0	0	0	0	0
20:00	37	34.7	29.3	5.6	0	0	1	10	8	12	5	1	0	0	0	0	0	0	0
21:00	30	38.3	32.2	5.6	0	0	0	3	10	6	9	2	0	0	0	0	0	0	0
22:00	14	35.8	32.7	7.2	0	0	0	1	4	6	2	0	0	1	0	0	0	0	0
23:00	3	-	31.2	2.4	0	0	0	0	1	2	0	0	0	0	0	0	0	0	0
Totals																			
07-19	1487	34.2	28.9	5.2	4	13	29	300	514	445	163	19	0	0	0	0	0	0	0
06-22	1662	34.7	29.1	5.3	4	13	32	334	561	492	198	27	1	0	0	0	0	0	0
06-00	1679	34.7	29.1	5.3	4	13	32	335	566	500	200	27	1	1	0	0	0	0	0
00-00	1696	34.7	29.1	5.3	4	13	33	338	571	502	205	28	1	1	0	0	0	0	0
AM Peak	08:00	09:00	02:00	04:00	11:00	09:00	10:00	11:00	07:00	08:00	08:00	08:00	00:00	00:00	00:00	00:00	00:00	00:00	00:00
	135	35.6	38.3	7.3	3	2	3	20	37	56	21	2	0	0	0	0	0	0	0
PM Peak	16:00	21:00	22:00	22:00	16:00	12:00	16:00	16:00	16:00	16:00	16:00	18:00	19:00	22:00	12:00	12:00	12:00	12:00	12:00
	283	38.3	32.7	7.2	1	2	5	73	118	58	23	4	1	1	0	0	0	0	0

Friday 16 June 2023																			
Time	Total Volume	85th Percentile	Mean Average	Standard Deviation	5>=10	10>=15	15>=20	20>=25	25>=30	30>=35	35>=40	40>=45	45>=50	50>=55	55>=60	60>=65	65>=70	70>=75	75>=80
00:00	1	-	27.4	-	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
01:00	2	-	25.9	4.6	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0
02:00	1	-	37.4	-	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
03:00	2	-	35.3	4.9	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0
04:00	4	-	29.5	5.9	0	0	0	2	0	1	1	0	0	0	0	0	0	0	0
05:00	10	-	30.6	7.9	0	0	1	2	2	2	3	0	0	0	0	0	0	0	0
06:00	24	34.9	30.6	5	0	0	0	6	4	8	6	0	0	0	0	0	0	0	0
07:00	114	34.9	30.5	4.3	0	0	0	13	40	43	17	1	0	0	0	0	0	0	0
08:00	135	34.9	30.1	4.8	0	1	1	19	47	47	20	0	0	0	0	0	0	0	0
09:00	86	34.9	30	5.8	0	3	4	7	17	42	13	0	0	0	0	0	0	0	0
10:00	79	34.2	29.1	4.8	0	0	3	12	28	29	7	0	0	0	0	0	0	0	0
11:00	108	34.7	28.4	5.7	0	1	9	15	43	26	13	1	0	0	0	0	0	0	0
12:00	159	34	28.8	5.3	0	1	1	45	51	39	19	2	1	0	0	0	0	0	0
13:00	103	34.7	30.4	4.3	0	0	0	11	34	44	12	2	0	0	0	0	0	0	0
14:00	140	34	29.8	5.1	0	0	4	21	40	60	12	2	1	0	0	0	0	0	0
15:00	147	35.1	30.1	5	0	0	2	20	47	54	18	6	0	0	0	0	0	0	0
16:00	165	35.6	30.2	5.7	0	2	3	27	45	54	30	3	1	0	0	0	0	0	0
17:00	123	34.4	29.9	5	0	0	2	21	40	43	14	3	0	0	0	0	0	0	0
18:00	94	36	30.3	5.5	0	1	1	17	21	34	18	2	0	0	0	0	0	0	0
19:00	56	36.7	31	6	0	0	1	6	22	12	12	1	2	0	0	0	0	0	0
20:00	52	35.6	30	5.6	0	1	1	6	15	20	8	1	0	0	0	0	0	0	0
21:00	28	37.4	31.8	5.2	0	0	0	4	5	10	7	2	0	0	0	0	0	0	0
22:00	13	35.3	32.3	4.2	0	0	0	1	3	5	3	1	0	0	0	0	0	0	0
23:00	7	-	29.8	5.6	0	0	0	2	1	3	1	0	0	0	0	0	0	0	0
Totals																			
07-19	1453	34.9	29.8	5.2	0	9	30	228	453	515	193	22	3	0	0	0	0	0	0
06-22	1613	34.9	29.9	5.2	0	10	32	250	499	565	226	26	5	0	0	0	0	0	0
06-00	1633	34.9	29.9	5.2	0	10	32	253	503	573	230	27	5	0	0	0	0	0	0
00-00	1653	34.9	29.9	5.2	0	10	33	258	507	577	236	27	5	0	0	0	0	0	0
AM Peak		08:00	06:00	02:00	05:00	00:00	09:00	11:00	08:00	08:00	08:00	08:00	07:00	00:00	00:00	00:00	00:00	00:00	00:00
		135	34.9	37.4	7.9	0	3	9	19	47	47	20	1	0	0	0	0	0	0
PM Peak		16:00	21:00	22:00	19:00	12:00	16:00	14:00	12:00	12:00	14:00	16:00	15:00	19:00	12:00	12:00	12:00	12:00	12:00
		165	37.4	32.3	6	0	2	4	45	51	60	30	6	2	0	0	0	0	0

Saturday 17 June 2023																			
Time	Total Volume	85th Percentile	Mean Average	Standard Deviation	5>=10	10>=15	15>=20	20>=25	25>=30	30>=35	35>=40	40>=45	45>=50	50>=55	55>=60	60>=65	65>=70	70>=75	75>=80
00:00	2	-	27.9	1.9	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0
01:00	2	-	31.9	11.1	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0
02:00	1	-	37.3	-	0	0	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	0	0
04:00	2	-	32.7	5.5	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0
05:00	3	-	32.5	2.5	0	0	0	0	1	2	0	0	0	0	0	0	0	0	0
06:00	21	34.2	29	4.8	0	0	0	5	7	8	1	0	0	0	0	0	0	0	0
07:00	43	38.7	31.4	6.1	0	0	2	4	10	19	3	5	0	0	0	0	0	0	0
08:00	68	34	29.5	5.2	0	0	4	11	17	29	6	1	0	0	0	0	0	0	0
09:00	90	34	29.4	5.4	0	2	5	8	27	40	8	1	0	0	0	0	0	0	0
10:00	97	34.2	29.8	4.8	0	0	5	9	29	42	11	1	0	0	0	0	0	0	0
11:00	123	33.8	28.9	5.6	0	1	6	23	38	45	7	2	0	1	0	0	0	0	0
12:00	105	34.2	29.8	5.3	0	0	3	14	37	36	13	1	0	1	0	0	0	0	0
13:00	60	36.7	30.4	6.5	0	1	3	9	14	18	12	2	1	0	0	0	0	0	0
14:00	71	35.1	30.7	5.2	0	1	2	8	11	36	13	0	0	0	0	0	0	0	0
15:00	75	34.2	29.8	4.5	0	0	2	12	22	30	9	0	0	0	0	0	0	0	0
16:00	85	34.9	30.4	5.4	0	0	2	12	23	34	11	2	1	0	0	0	0	0	0
17:00	76	35.6	30.7	5.2	0	0	0	13	22	25	11	5	0	0	0	0	0	0	0
18:00	62	36	30.5	4.7	0	0	0	7	23	22	9	1	0	0	0	0	0	0	0
19:00	41	34.4	29.1	5.9	0	1	2	5	13	14	5	1	0	0	0	0	0	0	0
20:00	26	37.4	31.5	7.7	0	2	0	3	3	12	3	1	2	0	0	0	0	0	0
21:00	25	38	33.2	6.1	0	0	0	2	6	7	8	0	2	0	0	0	0	0	0
22:00	17	37.6	32.5	5.6	0	0	0	3	1	7	5	1	0	0	0	0	0	0	0
23:00	5	-	33.5	5.2	0	0	0	0	2	2	0	1	0	0	0	0	0	0	0
Totals																			
07-19	955	34.9	30	5.3	0	5	34	130	273	376	113	20	2	2	0	0	0	0	0
06-22	1068	34.9	30	5.4	0	8	36	145	302	417	130	22	6	2	0	0	0	0	0
06-00	1090	34.9	30.1	5.5	0	8	36	148	305	426	135	24	6	2	0	0	0	0	0
00-00	1100	35.1	30.1	5.5	0	8	36	149	309	428	138	24	6	2	0	0	0	0	0
AM Peak		11:00	07:00	02:00	01:00	00:00	09:00	11:00	11:00	11:00	11:00	10:00	07:00	00:00	11:00	00:00	00:00	00:00	00:00
		123	38.7	37.3	11.1	0	2	6	23	38	45	11	5	0	1	0	0	0	0
PM Peak		12:00	21:00	23:00	20:00	12:00	20:00	12:00	12:00	12:00	12:00	12:00	17:00	20:00	12:00	12:00	12:00	12:00	12:00
		105	38	33.5	7.7	0	2	3	14	37	36	13	5	2	1	0	0	0	0



Sunday 18 June 2023																			
Time	Total Volume	85th Percentile	Mean Average	Standard Deviation	5>=10	10>=15	15>=20	20>=25	25>=30	30>=35	35>=40	40>=45	45>=50	50>=55	55>=60	60>=65	65>=70	70>=75	75>=80
00:00	7	-	35.2	6.5	0	0	0	1	0	1	3	2	0	0	0	0	0	0	0
01:00	2	-	31.5	4	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0
02:00	3	-	29.8	8.8	0	0	0	1	0	1	1	0	0	0	0	0	0	0	0
03:00	1	-	21.7	-	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
04:00	1	-	28.6	-	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
05:00	5	-	28.6	7	0	0	0	2	1	1	1	0	0	0	0	0	0	0	0
06:00	20	32.2	27.9	5.4	0	0	1	6	8	2	3	0	0	0	0	0	0	0	0
07:00	30	35.3	29.3	5.4	0	0	1	7	8	9	5	0	0	0	0	0	0	0	0
08:00	27	34.7	30.3	5.4	0	0	1	4	7	11	3	1	0	0	0	0	0	0	0
09:00	56	35.3	29.8	7	0	2	5	6	6	27	8	1	1	0	0	0	0	0	0
10:00	64	34	30.6	4.8	0	0	3	5	16	32	7	1	0	0	0	0	0	0	0
11:00	101	33.6	28.8	5	0	1	2	19	40	29	10	0	0	0	0	0	0	0	0
12:00	105	34.4	29.6	5.3	0	2	2	13	34	42	10	2	0	0	0	0	0	0	0
13:00	75	34	30.9	4.3	0	0	2	6	18	40	7	2	0	0	0	0	0	0	0
14:00	70	35.3	30.8	4.4	0	0	2	5	22	29	11	1	0	0	0	0	0	0	0
15:00	72	36.2	31.3	5.5	0	0	1	10	15	24	20	2	0	0	0	0	0	0	0
16:00	92	34.4	30.3	5.5	0	1	0	16	23	41	9	1	0	1	0	0	0	0	0
17:00	91	33.3	28.7	4.8	0	1	1	17	37	27	7	1	0	0	0	0	0	0	0
18:00	45	35.1	30.1	5.1	0	1	0	6	14	15	9	0	0	0	0	0	0	0	0
19:00	39	34.7	29.7	5.4	0	0	1	7	12	13	6	0	0	0	0	0	0	0	0
20:00	39	32.9	28.8	5	0	0	2	4	19	10	4	0	0	0	0	0	0	0	0
21:00	12	34	30.3	4.1	0	0	0	1	5	5	1	0	0	0	0	0	0	0	0
22:00	5	-	27.5	3.1	0	0	0	1	4	0	0	0	0	0	0	0	0	0	0
23:00	3	-	27.7	2.2	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0
Totals																			
07-19	828	34.9	30	5.2	0	8	20	114	240	326	106	12	1	1	0	0	0	0	0
06-22	938	34.9	29.9	5.2	0	8	24	132	284	356	120	12	1	1	0	0	0	0	0
06-00	946	34.7	29.9	5.2	0	8	24	133	291	356	120	12	1	1	0	0	0	0	0
00-00	965	34.9	29.9	5.2	0	8	24	138	294	360	125	14	1	1	0	0	0	0	0
AM Peak																			
11:00	07:00	00:00	02:00	00:00	09:00	09:00	11:00	11:00	10:00	11:00	00:00	09:00	00:00	00:00	00:00	00:00	00:00	00:00	00:00
101	35.3	35.2	8.8	0	2	5	19	40	32	10	2	1	0	0	0	0	0	0	0
PM Peak																			
12:00	15:00	15:00	15:00	12:00	12:00	12:00	17:00	17:00	12:00	15:00	12:00	12:00	16:00	12:00	12:00	12:00	12:00	12:00	12:00
105	36.2	31.3	5.5	0	2	2	17	37	42	20	2	0	1	0	0	0	0	0	0

Monday 19 June 2023																			
Time	Total Volume	85th Percentile	Mean Average	Standard Deviation	5>=10	10>=15	15>=20	20>=25	25>=30	30>=35	35>=40	40>=45	45>=50	50>=55	55>=60	60>=65	65>=70	70>=75	75>=80
00:00	1	-	28.6	-	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
01:00	1	-	33.3	-	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
02:00	1	-	25.9	-	0	0	0	0	1	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
04:00	2	-	30	6.8	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0
05:00	5	-	27.5	8.2	0	0	1	1	0	2	1	0	0	0	0	0	0	0	0
06:00	35	33.8	28.3	5.2	0	0	1	10	9	12	3	0	0	0	0	0	0	0	0
07:00	107	34.7	30.3	4.8	0	0	2	13	33	47	8	4	0	0	0	0	0	0	0
08:00	131	35.1	30.9	4.7	0	0	3	13	32	60	22	1	0	0	0	0	0	0	0
09:00	69	34.4	29.5	4.8	0	0	2	13	18	28	7	1	0	0	0	0	0	0	0
10:00	57	32.7	28.7	5.2	0	1	1	12	17	22	3	1	0	0	0	0	0	0	0
11:00	75	33.6	28.6	5.2	0	1	4	13	23	27	6	1	0	0	0	0	0	0	0
12:00	127	34.7	28.2	5.8	0	3	8	23	45	31	15	2	0	0	0	0	0	0	0
13:00	67	33.8	29	5.2	0	1	1	10	26	21	7	1	0	0	0	0	0	0	0
14:00	93	34.7	29.7	5.1	0	0	4	16	22	40	10	0	1	0	0	0	0	0	0
15:00	130	34.4	28.5	5.2	0	0	4	37	41	35	10	2	1	0	0	0	0	0	0
16:00	254	33.3	28	4.9	0	1	6	69	95	61	19	3	0	0	0	0	0	0	0
17:00	195	35.3	29.3	5.4	0	1	2	50	63	46	29	3	1	0	0	0	0	0	0
18:00	100	36	31.1	5.2	0	0	2	13	24	40	18	2	1	0	0	0	0	0	0
19:00	72	34.7	29.5	5.5	0	0	0	20	22	19	7	4	0	0	0	0	0	0	0
20:00	35	34.7	30.1	5.5	0	0	0	7	11	12	3	1	1	0	0	0	0	0	0
21:00	27	36.7	29.1	6.8	0	0	2	8	4	7	5	1	0	0	0	0	0	0	0
22:00	8	-	35.1	2.7	0	0	0	0	0	5	3	0	0	0	0	0	0	0	0
23:00	9	-	31.9	4.7	0	0	0	1	1	4	3	0	0	0	0	0	0	0	0
Totals																			
07-19	1405	34.4	29.2	5.2	0	8	39	282	439	458	154	21	4	0	0	0	0	0	0
06-22	1574	34.4	29.2	5.3	0	8	42	327	485	508	172	27	5	0	0	0	0	0	0
06-00	1591	34.4	29.3	5.3	0	8	42	328	486	517	178	27	5	0	0	0	0	0	0
00-00	1601	34.7	29.3	5.3	0	8	43	329	489	521	179	27	5	0	0	0	0	0	0
AM Peak		08:00	08:00	01:00	05:00	00:00	10:00	11:00	07:00	07:00	08:00	08:00	07:00	00:00	00:00	00:00	00:00	00:00	00:00
		131	35.1	33.3	8.2	0	1	4	13	33	60	22	4	0	0	0	0	0	0
PM Peak		16:00	21:00	22:00	21:00	12:00	12:00	12:00	16:00	16:00	16:00	17:00	19:00	14:00	12:00	12:00	12:00	12:00	12:00
		254	36.7	35.1	6.8	0	3	8	69	95	61	29	4	1	0	0	0	0	0

Tuesday 20 June 2023																			
Time	Total Volume	85th Percentile	Mean Average	Standard Deviation	5>=10	10>=15	15>=20	20>=25	25>=30	30>=35	35>=40	40>=45	45>=50	50>=55	55>=60	60>=65	65>=70	70>=75	75>=80
00:00	2	-	36.3	9.5	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0
01:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00	2	-	39	3.5	0	0	0	0	0	0	1	1	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
04:00	2	-	21.7	13	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0
05:00	10	-	29.3	5.7	0	0	0	3	2	3	2	0	0	0	0	0	0	0	0
06:00	27	35.8	30.5	5.5	0	0	0	6	7	6	8	0	0	0	0	0	0	0	0
07:00	111	34.2	30.6	4.5	0	0	0	14	34	48	14	0	1	0	0	0	0	0	0
08:00	111	34	30.5	4.2	0	0	2	9	30	57	13	0	0	0	0	0	0	0	0
09:00	69	34.4	30.1	4.5	0	0	2	7	21	31	7	1	0	0	0	0	0	0	0
10:00	80	33.1	29	4.3	0	0	2	13	32	28	5	0	0	0	0	0	0	0	0
11:00	103	33.3	28.5	4.7	0	0	5	23	30	38	7	0	0	0	0	0	0	0	0
12:00	109	33.6	28.4	4.9	0	0	4	21	46	28	9	1	0	0	0	0	0	0	0
13:00	78	33.6	30.3	5.1	0	0	0	13	21	35	7	0	1	1	0	0	0	0	0
14:00	98	34.2	29.9	4.7	0	1	2	13	24	45	13	0	0	0	0	0	0	0	0
15:00	157	33.6	28.3	5	0	1	4	42	51	40	19	0	0	0	0	0	0	0	0
16:00	300	33.1	28.3	4.4	0	1	6	67	118	89	17	2	0	0	0	0	0	0	0
17:00	182	34	29.2	5	0	0	2	39	61	57	19	4	0	0	0	0	0	0	0
18:00	118	34.7	29.8	5.7	0	2	1	22	28	48	14	1	2	0	0	0	0	0	0
19:00	72	34.4	28.3	5.8	0	1	3	19	24	15	9	0	1	0	0	0	0	0	0
20:00	40	38.3	31.4	7	0	0	1	5	11	15	2	5	1	0	0	0	0	0	0
21:00	19	33.1	30.7	7.1	0	0	0	4	5	7	2	0	0	1	0	0	0	0	0
22:00	11	36.5	33.3	5.2	0	0	0	1	2	4	3	1	0	0	0	0	0	0	0
23:00	2	-	31.3	6	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0
Totals																			
07-19	1516	33.8	29.2	4.8	0	5	30	283	496	544	144	9	4	1	0	0	0	0	0
06-22	1674	34	29.3	5	0	6	34	317	543	587	165	14	6	2	0	0	0	0	0
06-00	1687	34	29.3	5	0	6	34	318	546	591	169	15	6	2	0	0	0	0	0
00-00	1703	34	29.3	5	0	7	34	321	549	595	172	17	6	2	0	0	0	0	0
AM Peak		07:00	06:00	02:00	04:00	00:00	04:00	11:00	11:00	07:00	08:00	07:00	00:00	07:00	00:00	00:00	00:00	00:00	00:00
		111	35.8	39	13	0	1	5	23	34	57	14	1	1	0	0	0	0	0
PM Peak		16:00	20:00	22:00	21:00	12:00	18:00	16:00	16:00	16:00	16:00	15:00	20:00	18:00	13:00	12:00	12:00	12:00	12:00
		300	38.3	33.3	7.1	0	2	6	67	118	89	19	5	2	1	0	0	0	0

Wednesday 21 June 2023																			
Time	Total Volume	85th Percentile	Mean Average	Standard Deviation	5>=10	10>=15	15>=20	20>=25	25>=30	30>=35	35>=40	40>=45	45>=50	50>=55	55>=60	60>=65	65>=70	70>=75	75>=80
00:00	1	-	21.5	-	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
01:00	2	-	27.9	5.9	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0
02:00	4	-	38.4	6.3	0	0	0	0	0	2	1	0	1	0	0	0	0	0	0
03:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00	2	-	24.4	4	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0
05:00	10	-	28.3	7.4	0	0	1	3	1	3	2	0	0	0	0	0	0	0	0
06:00	32	37.1	30.3	7.1	0	1	1	7	6	7	9	1	0	0	0	0	0	0	0
07:00	100	34	29.1	4.6	0	0	2	19	34	38	7	0	0	0	0	0	0	0	0
08:00	155	36	31	4.8	0	1	1	17	37	69	29	1	0	0	0	0	0	0	0
09:00	88	33.6	28.9	5.7	0	2	5	17	17	39	8	0	0	0	0	0	0	0	0
10:00	64	33.1	28.1	6.1	1	0	5	13	19	19	7	0	0	0	0	0	0	0	0
11:00	98	35.6	29.8	5.2	0	1	1	17	28	33	18	0	0	0	0	0	0	0	0
12:00	101	34.4	29.4	4.9	0	0	3	13	42	30	13	0	0	0	0	0	0	0	0
13:00	101	33.1	28.6	4.8	1	1	0	17	37	39	6	0	0	0	0	0	0	0	0
14:00	83	34.4	28.8	5.6	1	0	3	15	24	30	8	2	0	0	0	0	0	0	0
15:00	167	34.9	29	5.5	0	3	2	37	52	47	25	1	0	0	0	0	0	0	0
16:00	279	32.4	28	4.7	0	3	4	65	115	74	15	2	1	0	0	0	0	0	0
17:00	200	35.1	29	5.6	0	1	3	53	59	53	26	5	0	0	0	0	0	0	0
18:00	105	34.7	29.7	5.5	0	0	4	17	31	38	14	1	0	0	0	0	0	0	0
19:00	88	33.6	28.6	5.2	0	1	2	20	35	19	9	2	0	0	0	0	0	0	0
20:00	43	36	29.1	6	0	1	0	11	13	10	6	2	0	0	0	0	0	0	0
21:00	33	35.6	30.8	7	0	1	0	7	8	10	4	2	0	1	0	0	0	0	0
22:00	12	39.4	33	5.6	0	0	0	1	2	6	1	2	0	0	0	0	0	0	0
23:00	7	-	34.3	3	0	0	0	0	0	4	3	0	0	0	0	0	0	0	0
Totals																			
07-19	1541	34.4	29.1	5.2	3	12	33	300	495	509	176	12	1	0	0	0	0	0	0
06-22	1737	34.4	29.1	5.3	3	16	36	345	557	555	204	19	1	1	0	0	0	0	0
06-00	1756	34.4	29.2	5.3	3	16	36	346	559	565	208	21	1	1	0	0	0	0	0
00-00	1775	34.4	29.2	5.4	3	16	37	352	561	571	211	21	2	1	0	0	0	0	0
AM Peak	08:00	06:00	02:00	05:00	10:00	09:00	09:00	07:00	08:00	08:00	08:00	06:00	02:00	00:00	00:00	00:00	00:00	00:00	00:00
	155	37.1	38.4	7.4	1	2	5	19	37	69	29	1	1	0	0	0	0	0	0
PM Peak	16:00	22:00	23:00	21:00	13:00	15:00	16:00	16:00	16:00	16:00	17:00	17:00	16:00	21:00	12:00	12:00	12:00	12:00	12:00
	279	39.4	34.3	7	1	3	4	65	115	74	26	5	1	1	0	0	0	0	0

**Site: 1: Ulnes Walton Lane, Leyland**

Combined Direction traffic Volumes	Time Periods		Weekday Average	7 Day Average
	24hr		3453.6	3087.7

Direction Traffic Data	Direction 1		Direction 2	
	Northeast bound		Southwest bound	
Traffic Volume	Weekday Average	7 Day Average	Weekday Average	7 Day Average
24 hr Day	1768.0	1588.7	1685.6	1499.0

Vehicle Speed	Weekday	7 Day	Weekday	7 Day
85 percentile speed(mph)	34.08	34.1	34.54	34.7
Average Speed (mph)	29.5	29.4	29.4	29.5

Vehicle Speed	Weekday Average		7 Day Average		Weekday Average		7 Day Average	
	Number	Percentage	Number	Percentage	Number	Percentage	Number	Percentage
Vehicles Travelling Under 20mph	88.6	5.0	87.0	5.5	48.2	2.9	45.3	3.0
Vehicles Travelling between 20mph - 30mph	856.6	48.5	762.1	48.0	855.0	50.7	737.9	49.2
Vehicles Travelling between 30mph - 40mph	794.8	45.0	714.4	45.0	753.8	44.7	688.6	45.9
Vehicles Travelling between 40mph - 50mph	27.6	1.6	24.7	1.6	27.8	1.6	26.3	1.8
Vehicles Travelling between 50mph - 60mph	0.4	0.0	0.4	0.0	0.8	0.0	1.0	0.1
Vehicles exceeding 60mph	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total</b>	<b>1768.0</b>	<b>-</b>	<b>1588.7</b>	<b>-</b>	<b>1685.6</b>	<b>100.0</b>	<b>1499.0</b>	<b>-</b>

Vehicle Classes	Weekday Average		7 Day Average		Weekday Average		7 Day Average	
	Number	Percentage	Number	Percentage	Number	Percentage	Number	Percentage
MC	32.6	1.9	30.7	2.0	26.6	1.6	23.9	1.6
Car	1277.0	74.0	1147.3	74.4	1256.2	75.7	1123.1	76.4
LGV	324.6	18.8	288.4	18.7	297.8	18.0	262.0	17.8
HGV	82.8	4.8	67.9	4.4	74.4	4.5	59.4	4.0
PSV	9.4	0.5	7.4	0.5	3.4	0.2	2.6	0.2
<b>Total</b>	<b>1726.4</b>	<b>-</b>	<b>1541.7</b>	<b>-</b>	<b>1658.4</b>	<b>-</b>	<b>1471.0</b>	<b>-</b>

Site : 2: A581 Southport Road, Leyland  
 Direction: Eastbound

Thursday 15 June 2023													
Time	Total Volume	Class										tot pcu	
		PC	MC	Car	LGV	2R HGV	3R HGV	4R HGV	3A HGV	4A HGV	5+A HGV		PSV
00:00	9	0	0	6	3	0	0	0	0	0	0	0	9
01:00	7	0	0	6	1	0	0	0	0	0	0	0	7
02:00	3	0	0	1	1	1	0	0	0	0	0	0	3.5
03:00	11	0	0	5	5	1	0	0	0	0	0	0	11.5
04:00	17	0	0	9	4	2	1	0	0	0	1	0	19.8
05:00	88	2	0	63	16	6	0	0	0	1	0	0	90.3
06:00	238	2	1	156	64	7	2	0	2	0	2	0	243.2
07:00	518	4	8	398	92	12	1	0	2	0	0	3	523.1
08:00	551	5	3	414	100	16	2	1	0	0	2	8	565.4
09:00	431	3	2	322	76	16	1	0	5	0	2	4	448.6
10:00	362	3	4	262	68	15	4	0	2	0	0	4	373.1
11:00	356	4	5	252	66	20	1	2	0	0	5	1	370.1
12:00	407	2	7	292	76	18	2	3	3	0	3	1	424.2
13:00	430	5	6	317	67	25	0	2	3	0	4	1	447.2
14:00	481	3	6	340	83	32	3	0	1	0	1	2	497.1
15:00	508	3	2	382	89	17	3	1	5	0	0	6	527.8
16:00	650	3	5	510	104	12	2	0	10	0	3	1	669.4
17:00	514	4	2	416	76	10	3	0	1	0	0	2	518.8
18:00	375	5	5	294	60	7	0	0	2	0	0	2	376.6
19:00	312	2	4	236	41	6	1	0	1	0	0	1	313.8
20:00	192	3	2	150	29	7	0	0	0	0	0	1	192.5
21:00	137	1	4	116	16	0	0	0	0	0	0	0	134
22:00	82	2	0	62	13	4	0	0	1	0	0	0	83.3
23:00	33	0	0	26	5	2	0	0	0	0	0	0	34
													0
						Total							0
07-19	5583	44	53	4199	967	200	22	9	34	0	20	35	5740.4
06-22	6460	52	64	4877	1117	220	25	9	37	0	22	37	6623.9
06-00	4575	54	64	4365	1135	226	25	9	38	0	22	37	6141.2
00-00	6710	56	64	5055	1165	236	26	9	38	0	24	37	6882.3
													0
													0
AM Peak	08:00	08:00	07:00	08:00	08:00	11:00	10:00	11:00	09:00	00:00	11:00	08:00	596.6
	551	5	6	414	100	20	4	2	5	0	5	9	3114
													0
													0
PM Peak	16:00	13:00	12:00	16:00	14:00	14:00	14:00	12:00	16:00	12:00	13:00	15:00	721.1
	650	5	7	510	104	32	3	3	10	0	4	6	3427
													685

5 day average	TA 2021 baseline	Exc PC	Total 5 day average
54	11	9	51
37	7	7	35
32	6	3	29
60	12	11	54
124	25	17	108
408	82	86	386
1169	234	234	1119
2505	501	514	2432
2995	599	546	2885
2117	423	428	2032
1831	366	359	1744
1959	392	352	1870
2093	419	405	2029
2043	409	425	1954
2295	459	478	2206
2561	512	505	2464
3214	643	647	3133
2623	525	510	2575
1684	337	370	1659
1371	274	310	1352
998	200	189	987
688	138	136	691
83.3	85	80	422
205	41	33	204
			40.8

5539	26983	5397
6408	31132	6226
6521	31758	6352
6654	32421	6484

Friday 16 June 2023													
Time	Total Volume	Class											
		PC	MC	Car	LGV	2R HGV	3R HGV	4R HGV	3A HGV	4A HGV	5+A HGV		PSV
00:00	20	0	0	13	6	1	0	0	0	0	0	0	20.5
01:00	9	0	0	7	1	1	0	0	0	0	0	0	9.5
02:00	6	0	0	3	1	2	0	0	0	0	0	0	7
03:00	16	0	0	11	4	1	0	0	0	0	0	0	16.5
04:00	21	0	0	13	4	2	0	0	0	0	1	1	24.3
05:00	81	1	0	56	17	4	0	0	0	0	0	1	83
06:00	216	4	1	133	63	10	2	0	3	0	0	0	221.4
07:00	431	0	5	331	67	21	1	0	3	0	1	2	446.7
08:00	606	2	6	445	113	23	1	0	3	0	2	11	630.5
09:00	417	5	3	304	81	20	1	0	1	0	1	1	424.6
10:00	332	2	5	256	76	20	1	0	3	0	2	3	367.5
11:00	416	1	8	294	82	24	1	0	2	0	3	1	431
12:00	451	7	8	339	81	11	2	0	2	0	1	0	450.4
13:00	461	3	8	333	87	23	0	0	3	0	2	2	474
14:00	518	2	5	391	90	20	0	1	4	0	4	1	536.2
15:00	520	3	5	402	86	14	2	1	2	0	0	5	531.4
16:00	531	2	10	420	75	15	1	0	5	1	2	0	542.4
17:00	506	2	4	410	74	12	0	0	2	0	0	2	512.6
18:00	381	2	1	316	51	8	0	1	1	0	0	1	386.1
19:00	256	2	4	199	43	5	0	0	1	0	0	2	257.8
20:00	209	1	7	160	36	3	0	0	1	0	0	1	208.3
21:00	152	0	3	123	23	3	0	0	0	0	0	0	152
22:00	106	0	2	85	18	1	0	0	0	0	0	0	106.5
23:00	84	0	3	70	9	2	0	0	0	0	0	0	83.5
Total													
07-19	5610	31	68	4243	965	211	10	3	31	1	18	29	5753.4
06-22	6443	38	83	4858	1130	232	12	3	36	1	18	32	6592.9
06-00	6633	38	88	5013	1157	235	12	3	36	1	18	32	6781.9
00-00	6766	39	88	5116	1190	246	12	3	36	1	19	34	6942.7
AM Peak													
08:00	09:00	11:00	08:00	08:00	11:00	06:00	00:00	06:00	00:00	11:00	08:00		
606	5	8	445	113	24	2	0	3	0	3	11		636.8
PM Peak													
16:00	12:00	16:00	16:00	14:00	13:00	12:00	14:00	16:00	16:00	14:00	15:00		
531	7	10	420	90	23	2	1	5	1	4	5		587.8

20  
9  
8  
16  
21  
80  
212  
431  
604  
412  
370  
415  
444  
458  
516  
517  
529  
504  
379  
254  
208  
152  
106  
84

Saturday 17 June 2023													
Time	Total Volume	Class											
		PC	MC	Car	LGV	2R HGV	3R HGV	4R HGV	3A HGV	4A HGV	5+A HGV		PSV
00:00	33	0	0	25	6	2	0	0	0	0	0	0	34
01:00	13	0	0	11	2	0	0	0	0	0	0	0	13
02:00	10	0	0	7	3	0	0	0	0	0	0	0	10
03:00	8	0	0	5	2	1	0	0	0	0	0	0	8.5
04:00	12	0	0	9	1	2	0	0	0	0	0	0	13
05:00	32	1	0	19	8	1	0	0	2	0	1	0	35.4
06:00	56	2	1	35	13	2	0	0	1	0	2	0	54
07:00	183	5	6	126	36	7	1	0	1	0	1	0	181.6
08:00	252	4	2	190	48	5	0	0	1	0	0	2	252.8
09:00	362	9	4	281	70	10	2	0	4	0	1	1	364.5
10:00	380	5	1	292	68	9	1	0	1	0	3	0	384.7
11:00	454	2	5	364	70	9	1	0	2	0	0	1	458.1
12:00	473	7	12	373	72	5	1	0	2	0	0	1	466.6
13:00	416	3	3	332	70	1	2	0	2	0	2	1	419.2
14:00	397	3	2	325	55	5	0	0	0	0	1	2	398.8
15:00	442	4	6	352	75	4	0	0	1	0	0	0	438.3
16:00	430	4	4	399	55	5	2	0	0	0	0	1	428.5
17:00	383	3	5	313	56	4	0	0	1	0	0	1	381.8
18:00	327	0	5	262	56	2	0	0	0	0	0	2	327.5
19:00	217	0	2	180	32	1	0	0	1	0	0	1	218.8
20:00	170	2	2	132	33	1	0	0	0	0	0	0	167.5
21:00	146	0	0	116	28	1	1	0	0	0	0	0	147
22:00	138	0	3	115	20	0	0	0	0	0	0	0	136.5
23:00	71	0	0	58	13	0	0	0	0	0	0	0	71
Total													
07-19	4499	49	55	3553	731	66	10	0	15	0	8	12	4502.4
06-22	5088	53	60	4016	837	71	11	0	17	0	10	13	5094.1
06-00	5297	53	63	4189	870	71	11	0	17	0	10	13	5301.6
00-00	5405	54	63	4265	892	77	11	0	19	0	11	13	5415.5
AM Peak													
11:00	09:00	07:00	11:00	09:00	09:00	09:00	00:00	09:00	00:00	10:00	08:00		
454	9	6	364	70	10	2	0	4	0	3	2		475.1
PM Peak													
12:00	12:00	12:00	12:00	15:00	12:00	13:00	12:00	12:00	12:00	13:00	14:00		
473	7	12	373	75	5	2	0	2	0	2	2		477.7



Sunday 18 June 2023													
Time	Total Volume	Class											
		PC	MC	Car	LGV	2R HGV	3R HGV	4R HGV	3A HGV	4A HGV	5+A HGV	PSV	
00:00	45	0	0	37	7	0	0	0	1	0	0	0	46.3
01:00	18	0	0	14	4	0	0	0	0	0	0	0	18
02:00	7	0	0	4	3	0	0	0	0	0	0	0	7
03:00	6	0	0	5	1	0	0	0	0	0	0	0	6
04:00	17	0	0	10	5	1	0	0	0	0	0	1	18.5
05:00	27	0	0	24	2	0	0	0	1	0	0	0	28.3
06:00	46	1	0	35	7	0	1	0	1	0	1	0	48.1
07:00	100	0	2	75	19	3	0	0	1	0	0	0	101.8
08:00	140	4	0	102	28	3	0	0	1	0	2	0	141.4
09:00	239	7	5	182	40	1	0	0	2	0	1	1	234.9
10:00	359	7	4	283	60	3	0	0	1	0	1	0	354.1
11:00	462	7	2	371	70	9	0	0	3	0	0	0	462.4
12:00	428	4	11	340	64	6	1	0	0	0	1	1	424.3
13:00	393	4	4	321	56	4	1	0	1	0	1	1	393.1
14:00	432	1	7	348	70	3	0	0	0	0	2	1	432.6
15:00	424	0	2	388	48	5	0	0	1	0	0	0	426.8
16:00	458	1	1	385	67	3	0	0	1	0	0	0	459.3
17:00	416	1	1	343	65	3	1	0	1	0	0	0	417.8
18:00	267	0	1	219	44	2	0	0	0	0	1	0	268.8
19:00	205	0	0	166	35	3	0	0	1	0	0	0	207.8
20:00	194	0	1	153	26	3	0	0	1	0	0	0	186.3
21:00	91	1	1	76	13	0	0	0	0	0	0	0	89.5
22:00	41	0	1	35	5	0	0	0	0	0	0	0	40.5
23:00	25	0	3	16	5	1	0	0	0	0	0	0	24
													0
07-19	4118	36	40	3337	632	45	3	0	12	0	9	4	4117.3
06-22	4644	38	42	3767	713	51	4	0	15	0	10	4	4649
06-00	4710	38	46	3818	723	52	4	0	15	0	10	4	4713.5
00-00	4630	38	46	3912	745	53	4	0	17	0	10	5	4637.6
AM Peak	11:00	09:00	09:00	11:00	11:00	11:00	06:00	00:00	11:00	00:00	08:00	04:00	472
	462	7	5	371	70	9	1	0	3	0	2	1	
PM Peak	16:00	12:00	12:00	16:00	14:00	12:00	12:00	12:00	13:00	12:00	14:00	12:00	479.9
	458	4	11	385	70	6	1	0	1	0	2	1	

Monday 19 June 2023													
Time	Total Volume	Class											
		PC	MC	Car	LGV	2R HGV	3R HGV	4R HGV	3A HGV	4A HGV	5+A HGV	PSV	
00:00	10	0	0	7	1	2	0	0	0	0	0	0	11
01:00	4	0	0	1	3	0	0	0	0	0	0	0	4
02:00	5	0	0	2	3	0	0	0	0	0	0	0	5
03:00	8	0	0	4	3	1	0	0	0	0	0	0	8
04:00	23	0	0	16	5	1	0	0	1	0	0	0	24.8
05:00	73	1	0	53	12	4	0	0	1	0	2	0	77.9
06:00	226	1	0	143	68	9	0	0	3	0	2	0	226
07:00	478	3	2	358	89	14	5	0	3	0	2	2	492
08:00	556	3	5	419	98	16	1	0	5	0	1	8	574.8
09:00	355	2	1	257	75	14	3	1	4	0	1	0	371.8
10:00	304	2	3	219	50	19	1	1	6	0	1	3	323.9
11:00	369	6	5	256	81	10	2	1	2	0	1	5	376.7
12:00	411	1	1	308	81	13	2	1	1	0	2	1	423.2
13:00	364	0	9	255	72	19	1	1	1	0	5	1	379.6
14:00	404	3	5	291	72	26	2	0	2	0	0	3	418.1
15:00	443	0	4	346	68	13	2	1	0	0	2	7	459.4
16:00	614	0	4	501	87	12	1	0	5	0	2	2	629.6
17:00	525	2	4	426	73	15	2	0	1	0	1	1	533.1
18:00	279	1	1	229	42	2	0	0	1	0	1	2	283.1
19:00	233	3	4	184	36	2	1	0	1	0	0	2	232.8
20:00	149	0	3	122	21	1	0	0	2	0	0	0	150.6
21:00	120	1	1	103	14	0	0	0	1	0	0	0	119.8
22:00	76	0	2	60	12	2	0	0	0	0	0	0	76
23:00	27	0	0	23	4	0	0	0	0	0	0	0	27
Total													
07-19	5105	23	44	3864	888	173	22	6	31	0	19	35	5265.3
06-22	5833	28	52	4416	1027	185	23	6	38	0	21	37	6004.5
06-00	5936	28	54	4489	1043	187	23	6	38	0	21	37	6107.5
00-00	6559	29	54	4952	1070	195	23	6	40	0	23	37	6298.7
AM Peak													
08:00	11:00	08:00	08:00	08:00	10:00	07:00	09:00	10:00	00:00	05:00	08:00		
556	6	5	419	98	19	5	1	6	0	2	8	592.2	
PM Peak													
16:00	14:00	13:00	16:00	16:00	14:00	12:00	12:00	16:00	12:00	13:00	15:00		
614	3	9	501	87	26	2	1	5	0	5	7	673.8	

Tuesday 20 June 2023													
Time	Total Volume	Class											
		PC	MC	Car	LGV	2R HGV	3R HGV	4R HGV	3A HGV	4A HGV	5+A HGV		PSV
00:00	5	0	0	4	0	1	0	0	0	0	0	0	5.5
01:00	5	0	0	3	2	0	0	0	0	0	0	0	5
02:00	8	0	0	5	2	1	0	0	0	0	0	0	8.5
03:00	7	0	0	2	4	1	0	0	0	0	0	0	7.5
04:00	25	0	0	15	6	2	0	0	1	0	1	0	28.6
05:00	75	0	0	51	20	3	0	0	0	0	1	0	77.8
06:00	218	1	0	138	63	8	0	0	4	0	4	0	231.4
07:00	511	1	3	397	85	11	5	0	4	0	1	4	527
08:00	573	1	0	444	100	15	1	0	4	0	0	8	593.2
09:00	395	1	0	287	84	16	1	0	1	0	2	6	415.4
10:00	355	0	0	252	77	17	1	0	5	0	2	2	376.1
11:00	394	1	3	296	59	28	0	1	2	0	1	3	413.7
12:00	369	1	1	283	61	20	1	0	1	0	1	0	380.6
13:00	337	1	2	244	63	17	2	1	3	0	2	2	354.3
14:00	395	1	0	305	63	15	2	0	2	0	0	3	408.1
15:00	487	2	1	356	94	21	3	0	4	0	1	5	508
16:00	659	0	5	546	86	12	3	0	2	0	1	4	671.9
17:00	523	5	4	428	71	10	0	0	3	0	0	2	528.6
18:00	305	8	3	242	43	8	1	1	0	0	0	0	302.3
19:00	289	7	1	230	43	4	0	0	2	0	1	1	288.4
20:00	215	2	6	175	26	4	0	0	1	0	0	1	214.3
21:00	104	1	2	82	16	2	0	0	1	0	0	0	104.3
22:00	85	1	2	66	14	1	0	0	1	0	0	0	84.8
23:00	23	0	1	20	1	0	0	0	1	0	0	0	23.8
Total													
07-19	5308	22	22	4084	886	190	20	3	31	0	11	39	5477.5
06-22	6134	33	31	4709	1034	208	20	3	39	0	16	41	6315.9
06-00	6242	34	34	4795	1049	209	20	3	41	0	16	41	6424.5
00-00	6367	34	34	4875	1063	217	20	3	42	0	18	41	6567.4
AM Peak													
08:00	573	1	3	444	100	28	5	1	5	0	4	8	634
PM Peak													
16:00	659	8	6	546	94	21	3	1	4	0	2	5	705.1



Site : 2: A581 Southport Road, Leyland  
 Direction: Westbound

Thursday 15 June 2023													
Time	Total Volume	Class										tot pcu	
		PC	MC	Car	LGV	2R HGV	3R HGV	4R HGV	3A HGV	4A HGV	5+A HGV		PSV
00:00	11	0	0	10	1	0	0	0	0	0	0	0	11
01:00	8	0	0	6	1	0	0	0	1	0	0	0	9.3
02:00	6	0	0	2	3	0	0	0	0	0	1	0	7.3
03:00	3	0	0	3	0	0	0	0	0	0	0	0	3
04:00	14	0	0	6	8	0	0	0	0	0	0	0	14
05:00	61	6	0	34	16	1	0	0	1	0	2	1	60.4
06:00	148	7	2	102	27	7	0	0	2	0	0	1	147.1
07:00	583	3	1	440	98	12	1	0	3	0	4	1	576.1
08:00	528	5	2	382	104	22	2	2	1	0	0	8	545.9
09:00	404	2	4	293	82	17	2	0	3	0	1	0	414.7
10:00	390	5	12	273	69	14	0	3	2	0	1	1	384.8
11:00	406	8	2	306	68	15	3	2	1	0	0	1	410.9
12:00	425	7	11	304	80	12	1	0	6	0	2	2	431.4
13:00	414	6	4	306	72	16	1	2	5	0	2	0	426.2
14:00	437	3	5	316	78	21	0	3	3	0	4	4	459
15:00	477	4	1	359	90	10	3	0	5	0	0	5	490.5
16:00	567	4	4	429	104	13	1	1	5	0	1	5	582.1
17:00	657	10	9	495	120	17	0	0	5	0	1	0	658.8
18:00	473	12	3	361	81	8	0	0	2	0	0	6	472.1
19:00	322	9	7	229	63	9	0	0	3	0	2	0	326.5
20:00	215	6	1	166	35	5	0	0	1	0	1	0	213.6
21:00	169	0	3	128	35	2	0	0	0	0	1	0	169.8
22:00	87	0	0	70	13	4	0	0	0	0	0	0	89
23:00	49	0	3	34	10	2	0	0	0	0	0	0	48.5
07-19	5731	69	58	4264	1046	177	14	13	41	0	16	33	5862.5
06-22	6585	91	71	4889	1206	200	14	13	47	0	20	34	6703.5
06-00	6721	91	74	4993	1229	206	14	13	47	0	20	34	6841
00:00	6624	97	74	5054	1258	207	14	13	49	0	23	35	6946
Total													
AM Peak	07:00	11:00	10:00	07:00	08:00	08:00	11:00	10:00	07:00	00:00	07:00	08:00	626.5
	583	8	12	440	104	22	3	3	3	0	4	8	
PM Peak	17:00	18:00	12:00	17:00	17:00	14:00	15:00	14:00	12:00	12:00	14:00	18:00	698.4
	657	12	11	495	120	21	3	3	6	0	4	6	

5 day average	TA 2021 baseline	Exc PC	Total 5 day average	Total 5 day average
69	14	11	68	13.6
57	11	8	54	10.8
34	7	6	31	6.2
25	5	3	23	4.6
69	14	14	67	13.4
269	54	55	249	49.8
728	146	141	698	139.6
2805	561	612	2727	545.4
2664	533	523	2655	511
545.9	104	402	195.3	392.6
1862	372	375	1785	357
1979	396	398	1898	379.6
2245	449	418	2179	435.8
2037	407	408	1953	390.6
2324	465	434	2217	443.4
2506	501	473	2429	485.8
2890	578	563	2806	561.6
3098	620	589	3064	612.8
2265	453	461	2237	447.4
1459	292	313	1439	287.8
920	204	209	1012	202.4
710	142	169	710	142
450	90	87	445	89
251	50	49	248	49.6
0	0	49	27815	5563
28727	5745	6494	31674	6335
32644	6529	6630	32367	6473
6703.5	33345	6669	32859	6572
33867	6773	6946		
0	0	0		
0	0	0		
0	0	0		
3026	605	626.5		
3371	674	698.4		

Friday 16 June 2023														
Time	Total Volume	Class												
		PC	MC	Car	LGV	2R HGV	3R HGV	4R HGV	3A HGV	4A HGV	5+A HGV		PSV	
00:00	21	0	0	13	7	1	0	0	0	0	0	0	0	21.5
01:00	17	0	1	10	6	0	0	0	0	0	0	0	0	16.5
02:00	5	0	0	1	3	0	0	0	0	0	1	0	0	6.3
03:00	6	0	0	4	2	0	0	0	0	0	0	0	0	6
04:00	10	0	0	3	6	0	0	0	0	0	1	0	0	11.3
05:00	56	1	0	39	9	4	0	0	1	0	1	1	1	60.6
06:00	146	4	5	101	24	9	0	0	2	0	0	1	1	147.6
07:00	569	3	4	435	96	20	1	0	5	0	4	1	1	587.2
08:00	500	2	3	368	104	22	2	1	2	0	2	4	4	519
09:00	397	2	3	267	96	20	1	0	3	0	0	5	5	412.9
10:00	397	7	8	274	79	14	0	2	1	0	1	1	1	399.2
11:00	435	5	6	319	80	15	0	0	3	0	3	4	4	446.3
12:00	475	7	9	350	83	20	1	1	2	0	0	2	2	479.9
13:00	438	6	6	320	83	13	1	1	5	0	2	1	1	447.4
14:00	506	2	7	371	98	19	0	0	5	0	2	2	2	521.1
15:00	584	0	15	429	113	17	0	1	4	0	1	4	4	596.8
16:00	606	6	7	460	107	19	2	0	2	0	0	3	3	612.6
17:00	591	7	8	455	109	8	0	0	6	0	0	0	0	599.8
18:00	467	4	6	381	85	6	0	0	2	0	1	2	2	468.9
19:00	307	8	9	230	53	4	0	0	2	0	0	1	1	300.1
20:00	193	0	6	146	34	4	0	0	1	0	0	0	0	193.3
21:00	146	0	0	122	23	1	0	0	0	0	0	0	0	146.5
22:00	105	0	1	82	22	0	0	0	0	0	0	0	0	104.5
23:00	76	0	1	61	12	2	0	0	0	0	0	0	0	76.5
Total													0	
07-19	5955	51	82	4399	1133	191	8	6	40	0	16	29	29	6072.1
06-22	6747	63	102	5000	1267	209	8	6	45	0	16	31	31	6850.6
06-00	6928	63	104	5143	1301	211	8	6	45	0	16	31	31	7040.6
00-00	7043	64	105	5213	1334	216	8	6	46	0	19	32	32	7162.8
AM Peak													614.3	
	07:00	10:00	10:00	07:00	08:00	08:00	08:00	10:00	07:00	00:00	07:00	09:00	09:00	
	569	7	8	435	104	22	2	2	5	0	4	5	5	
PM Peak													642.2	
	16:00	19:00	15:00	16:00	15:00	12:00	16:00	12:00	17:00	12:00	13:00	15:00	15:00	
	606	8	15	460	113	20	2	1	6	0	2	4	4	

21  
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10  
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142  
587.2  
498  
395  
380  
430  
468  
432  
504  
584  
600  
584  
463  
299  
193  
146  
104.5  
76

Saturday 17 June 2023														
Time	Total Volume	Class												
		PC	MC	Car	LGV	2R HGV	3R HGV	4R HGV	3A HGV	4A HGV	5+A HGV		PSV	
00:00	55	0	0	46	9	0	0	0	0	0	0	0	55	
01:00	15	0	0	13	0	1	0	0	1	0	0	0	16.8	
02:00	14	0	1	10	3	0	0	0	0	0	0	0	13.5	
03:00	9	0	0	8	1	0	0	0	0	0	0	0	9	
04:00	8	0	0	6	2	0	0	0	0	0	0	0	8	
05:00	25	3	1	17	3	1	0	0	0	0	0	0	22	
06:00	67	2	2	47	13	2	1	0	0	0	0	0	65.5	
07:00	163	8	2	114	30	4	0	1	0	0	1	3	161.6	
08:00	262	12	6	169	54	5	0	4	0	1	1	1	247	
09:00	382	11	8	275	74	7	1	1	3	0	1	1	378.5	
10:00	490	14	10	361	90	11	0	1	1	0	2	0	481.7	
11:00	558	6	8	431	99	7	3	1	3	0	0	0	558.2	
12:00	510	9	5	400	81	9	0	0	4	0	0	2	510.2	
13:00	497	4	5	397	83	6	0	1	0	0	0	1	495.8	
14:00	490	10	8	396	72	1	0	0	1	1	0	0	477.8	
15:00	430	6	12	331	69	5	1	0	3	0	1	2	428.2	
16:00	393	2	2	309	71	4	0	1	3	0	0	1	398.2	
17:00	355	3	4	275	66	5	0	0	1	0	1	0	356.1	
18:00	272	1	3	216	46	4	0	0	1	0	0	1	273.8	
19:00	252	1	4	198	47	1	1	0	0	0	0	0	250	
20:00	189	0	5	156	45	1	0	0	2	0	0	0	189.6	
21:00	199	1	1	92	26	0	0	0	0	0	0	0	107.5	
22:00	129	0	2	103	23	1	0	0	0	0	0	0	128.5	
23:00	78	0	0	54	21	1	0	0	1	1	0	0	81.1	
													0	
07-19	4792	86	73	3676	835	68	5	6	24	0	7	12	4766.1	
06-22	5409	90	85	4139	965	72	7	6	26	0	7	12	5378.7	
06-00	5616	90	87	4296	1009	74	7	7	27	0	7	12	5588.3	
00-00	5742	93	89	4396	1027	76	7	7	28	0	7	12	5712.6	
													0	
		11:00	10:00	10:00	11:00	11:00	10:00	11:00	10:00	08:00	00:00	10:00	07:00	
AM Peak		558	14	10	431	99	11	3	1	4	0	2	3	578.1
		12:00	14:00	15:00	12:00	13:00	12:00	15:00	13:00	12:00	12:00	15:00	12:00	
PM Peak		510	10	12	400	83	9	1	1	4	0	1	2	521.8

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391  
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271  
251  
189  
108  
129  
78

Sunday 18 June 2023													
Time	Total Volume	Class											
		PC	MC	Car	LGV	2R HGV	3R HGV	4R HGV	3A HGV	4A HGV	5+A HGV	PSV	
00:00	53	0	0	49	4	0	0	0	0	0	0	0	53
01:00	15	0	0	12	3	0	0	0	0	0	0	0	15
02:00	12	0	0	11	1	0	0	0	0	0	0	0	12
03:00	7	0	0	2	5	0	0	0	0	0	0	0	7
04:00	9	0	0	9	0	0	0	0	0	0	0	0	9
05:00	17	1	0	13	2	0	0	0	0	0	1	0	17.3
06:00	50	3	0	35	11	1	0	0	0	0	0	0	47.5
07:00	101	2	3	80	16	0	0	0	0	0	0	0	97.5
08:00	160	9	3	118	28	2	0	0	0	0	0	0	150.5
09:00	244	13	4	180	40	4	0	2	0	0	1	0	234.9
10:00	353	13	10	291	68	6	0	0	3	0	1	0	353.2
11:00	471	13	2	375	77	1	1	0	1	0	1	0	460.6
12:00	558	7	6	432	101	6	0	0	5	0	1	0	558.8
13:00	550	4	11	444	82	7	0	0	2	0	0	0	546.6
14:00	456	2	6	381	77	5	0	0	4	0	0	1	459.7
15:00	377	2	2	287	74	8	0	1	2	0	1	0	383.2
16:00	324	4	3	277	36	2	0	0	2	0	0	0	322.1
17:00	309	1	2	294	67	2	0	0	2	0	1	0	311.9
18:00	236	0	1	190	43	0	0	1	1	0	0	0	238.1
19:00	218	0	1	173	39	5	0	0	0	0	0	0	220
20:00	141	0	2	115	23	1	0	0	0	0	0	0	140.5
21:00	98	1	0	77	19	1	0	0	0	0	0	0	97.5
22:00	39	0	0	32	4	3	0	0	0	0	0	0	40.5
23:00	23	0	1	18	4	0	0	0	0	0	0	0	22.5
													0
07-19	4179	70	53	3269	710	43	1	4	22	0	6	1	4147.1
06-22	4686	74	56	3669	802	51	1	4	22	0	6	1	4652.6
06-00	4748	74	57	3719	810	54	1	4	22	0	6	1	4715.6
00-00	4851	75	57	3815	825	54	1	4	22	0	7	1	4828.9
													0
AM Peak	11:00	09:00	10:00	11:00	11:00	10:00	11:00	09:00	10:00	00:00	05:00	00:00	481.3
	471	13	10	375	77	6	1	2	3	0	1	0	
PM Peak	12:00	12:00	13:00	13:00	12:00	15:00	12:00	15:00	12:00	12:00	12:00	14:00	580.6
	558	7	11	444	101	8	0	1	5	0	1	1	



Monday 19 June 2023													
Time	Total Volume	Class											
		PC	MC	Car	LGV	2R HGV	3R HGV	4R HGV	3A HGV	4A HGV	5+A HGV		PSV
00:00	6	0	0	5	1	0	0	0	0	0	0	0	6
01:00	5	0	0	4	1	0	0	0	0	0	0	0	5
02:00	5	0	0	0	5	0	0	0	0	0	0	0	5
03:00	4	0	0	3	0	0	0	0	0	0	1	0	5.3
04:00	16	0	0	7	9	0	0	0	0	0	0	0	16
05:00	40	1	0	34	3	1	0	0	0	0	0	1	40.5
06:00	135	2	2	93	26	7	0	2	0	0	2	1	141.7
07:00	523	4	4	426	71	9	1	0	4	0	2	2	531.8
08:00	518	1	3	391	93	15	2	0	7	0	0	6	530.1
09:00	381	5	4	262	80	21	0	1	6	0	0	2	395.6
10:00	352	5	1	234	90	22	0	0	1	0	0	5	369.6
11:00	326	3	1	237	59	15	2	2	2	0	2	3	341.8
12:00	399	2	1	310	71	6	1	2	0	0	2	4	409.2
13:00	413	1	0	298	84	16	1	2	2	0	5	4	435.2
14:00	421	3	5	299	91	14	0	1	4	0	1	3	433.3
15:00	422	2	5	337	61	13	0	1	0	0	2	1	428.9
16:00	527	4	2	407	89	12	1	1	4	0	0	7	542
17:00	568	7	1	440	113	2	1	0	3	0	0	1	566.9
18:00	441	6	4	330	89	6	0	1	4	0	0	1	443.5
19:00	252	7	4	192	43	4	0	0	0	0	1	1	247.3
20:00	160	2	1	125	29	1	0	1	1	0	0	0	160.6
21:00	120	1	3	83	30	2	0	0	0	0	1	0	119.8
22:00	73	0	1	57	14	0	0	0	1	0	0	0	73.8
23:00	44	0	0	33	10	0	0	0	0	0	1	0	45.3
Total													
07-19	5297	43	31	3971	991	151	9	11	37	0	14	39	5438.1
06-22	5964	55	41	4464	1119	165	9	14	38	0	18	41	6107.5
06-00	6081	55	42	4554	1143	165	9	14	39	0	19	41	6226.6
00-00	6157	56	42	4607	1162	166	9	14	39	0	20	42	6304.4
AM Peak													
	07:00	09:00	07:00	07:00	08:00	10:00	08:00	06:00	08:00	00:00	06:00	08:00	
	523	5	4	426	93	22	2	2	7	0	2	6	594.3
PM Peak													
	17:00	17:00	14:00	17:00	17:00	13:00	12:00	12:00	14:00	12:00	13:00	16:00	
	568	7	5	440	113	16	1	2	4	0	5	7	620.3

Tuesday 20 June 2023													
Time	Total Volume	Class											
		PC	MC	Cir	LGV	2R HGV	3R HGV	4R HGV	3A HGV	4A HGV	5+A HGV	PSV	
00:00	12	0	0	11	1	0	0	0	0	0	0	0	12
01:00	11	0	0	8	2	0	0	0	0	0	0	0	11
02:00	6	0	0	1	4	1	0	0	0	0	0	0	6.5
03:00	6	0	1	2	2	0	0	0	1	0	0	0	6.8
04:00	12	0	0	6	5	1	0	0	0	0	0	0	12.5
05:00	55	3	0	37	11	2	0	0	1	0	0	1	55.3
06:00	142	3	3	105	23	4	0	0	0	0	3	1	144.4
07:00	546	0	3	433	87	16	1	1	2	0	0	3	559.9
08:00	513	3	2	389	90	14	3	0	6	0	2	4	531.9
09:00	417	1	1	276	104	23	2	1	7	0	0	2	440.4
10:00	317	1	0	213	73	21	0	0	5	0	2	2	337.6
11:00	363	3	0	269	71	22	2	1	2	0	0	3	378.9
12:00	472	2	3	360	80	18	3	0	4	0	2	0	486.8
13:00	346	2	0	241	85	12	1	0	4	0	1	2	361
14:00	412	1	2	294	76	26	3	0	4	0	2	4	436.3
15:00	533	2	2	414	91	16	0	0	6	0	1	1	548.1
16:00	555	3	3	419	105	17	0	1	4	0	0	3	588.5
17:00	620	7	4	485	111	11	1	0	1	0	0	0	616.3
18:00	416	2	7	314	84	7	0	0	2	0	0	0	416.6
19:00	280	7	8	205	56	1	0	0	2	0	0	1	273.1
20:00	249	2	9	178	54	3	0	2	0	0	1	0	247.9
21:00	130	1	1	96	27	1	0	0	0	0	0	0	127
22:00	87	0	1	70	11	3	0	0	2	0	0	0	90.6
23:00	38	0	0	26	11	0	0	0	0	0	1	0	39.3
Total												0	
07-19	5512	27	27	4097	1057	203	16	4	47	0	10	24	5684.3
06-22	6313	40	52	4681	1217	212	16	6	49	0	14	26	6476.7
06-00	6438	40	53	4777	1239	215	16	6	51	0	15	26	6806.6
00-00	6540	43	54	4842	1264	219	16	6	53	0	15	28	6711.7
AM Peak												610.8	
07:00	05:00	06:00	07:00	09:00	09:00	08:00	07:00	09:00	00:00	06:00	08:00		
546	3	3	433	104	23	3	1	7	0	3	4		
PM Peak												675	
17:00	17:00	20:00	17:00	17:00	14:00	12:00	20:00	15:00	12:00	12:00	14:00		
620	7	9	485	111	26	3	2	6	0	2	4		

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316  
380  
470  
361  
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531  
552  
613  
414  
273  
247  
129  
90.6  
87  
38

Wednesday 21 June 2023													
Time	Total Volume	Class											
		PC	MC	Car	LGV	2R HG/V	3R HG/V	4R HG/V	3A HG/V	4A HG/V	5+A HG/V	PSV	
00:00	18	0	0	14	3	1	0	0	0	0	0	0	18.5
01:00	13	0	1	8	3	0	0	0	1	0	0	0	13.8
02:00	9	0	0	7	2	0	0	0	0	0	0	0	9
03:00	4	0	0	1	3	0	0	0	0	0	0	0	4
04:00	16	1	0	7	8	0	0	0	0	0	0	0	15
05:00	50	2	0	36	7	2	1	0	0	0	1	1	51.8
06:00	148	5	6	110	18	5	0	0	1	0	1	2	147.1
07:00	537	1	7	410	95	15	2	1	5	0	0	1	548.8
08:00	511	4	1	380	94	21	2	0	4	0	0	5	528.2
09:00	375	1	2	265	80	20	2	1	2	0	1	1	390.2
10:00	363	2	5	260	62	27	1	1	3	0	2	0	380.3
11:00	391	4	7	277	76	20	2	0	5	0	0	0	401
12:00	430	4	1	323	84	12	1	0	2	0	1	2	437.9
13:00	359	4	5	261	70	13	1	0	3	0	1	1	365.7
14:00	451	1	13	315	80	29	0	0	8	0	2	3	474
15:00	424	3	3	301	88	17	0	1	4	0	3	3	441.4
16:00	574	4	6	441	98	14	2	0	2	0	1	6	584.9
17:00	666	7	9	513	125	8	0	0	2	0	1	1	683.4
18:00	468	4	18	341	95	5	0	1	1	0	1	2	483.4
19:00	321	12	11	234	51	3	0	2	5	0	3	0	318
20:00	207	2	5	166	41	2	0	0	0	0	1	0	204.8
21:00	148	1	2	112	32	1	0	0	0	0	0	0	146.5
22:00	93	0	2	77	13	1	0	0	0	0	0	0	92.5
23:00	41	0	0	27	14	0	0	0	0	0	0	0	41
Total													
07-19	5549	39	77	4087	1048	201	13	5	41	0	13	25	5880.2
06-22	6373	59	101	4690	1190	212	13	7	47	0	18	27	6496.6
06:00	6507	59	103	4803	1217	213	13	7	47	0	18	27	6630.1
00:00	6617	62	104	4876	1243	216	14	7	48	0	19	28	6742.2
AM Peak													
07:00	06:00	07:00	07:00	07:00	10:00	07:00	07:00	07:00	07:00	00:00	10:00	08:00	580.4
537	5	7	410	95	27	2	1	5	0	2	5	5	
PM Peak													
17:00	19:00	18:00	17:00	17:00	14:00	16:00	19:00	14:00	12:00	15:00	16:00	735.4	
666	12	18	513	125	28	2	2	8	0	3	6	6	

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387  
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365.7  
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421  
570  
659  
464  
309  
204.8  
147  
93  
41

Site : 2: A581 Southport Road, Leyland  
 Direction: Eastbound

Thursday 15 June 2023																			
Time	Total Volume	85th Percentile	Mean Average	Standard Deviation	5>=10	10>=15	15>=20	20>=25	25>=30	30>=35	35>=40	40>=45	45>=50	50>=55	55>=60	60>=65	65>=70	70>=75	75>=80
00:00	9	-	26	5.9	0	0	2	0	6	1	0	0	0	0	0	0	0	0	0
01:00	7	-	31.4	3.8	0	0	0	0	4	2	1	0	0	0	0	0	0	0	0
02:00	3	-	26.2	9.9	0	1	0	0	0	2	0	0	0	0	0	0	0	0	0
03:00	11	34.2	32.2	2.9	0	0	0	0	3	6	2	0	0	0	0	0	0	0	0
04:00	17	37.4	29.7	8.4	0	2	1	0	5	4	5	0	0	0	0	0	0	0	0
05:00	88	37.6	30.6	7.8	0	8	4	0	25	30	14	5	2	0	0	0	0	0	0
06:00	236	33.3	28.9	5.9	0	16	8	10	91	89	19	2	0	1	0	0	0	0	0
07:00	518	30.6	26.4	5.4	3	23	61	50	262	110	8	1	0	0	0	0	0	0	0
08:00	551	30.4	26.5	5.6	3	39	49	34	297	120	9	0	0	0	0	0	0	0	0
09:00	431	30.9	25.8	6.1	3	42	32	57	204	87	5	1	0	0	0	0	0	0	0
10:00	362	32.2	26.6	6.8	4	34	35	23	145	101	16	4	0	0	0	0	0	0	0
11:00	356	31.8	26.5	6.5	2	31	38	31	129	114	9	2	0	0	0	0	0	0	0
12:00	407	31.3	25.3	7.1	5	48	63	31	142	109	7	2	0	0	0	0	0	0	0
13:00	430	31.1	26.6	5.9	2	34	41	30	198	117	8	0	0	0	0	0	0	0	0
14:00	481	31.1	26.1	6.3	4	42	40	53	218	116	7	0	0	1	0	0	0	0	0
15:00	508	30.9	26.3	6.1	2	31	50	60	250	105	7	1	0	0	0	2	0	0	0
16:00	650	29.5	23.5	6.6	3	85	141	75	260	78	8	0	0	0	0	0	0	0	0
17:00	514	31.1	26	6.4	3	47	66	26	218	147	5	2	0	0	0	0	0	0	0
18:00	375	32.2	27.4	6.7	1	35	29	26	137	122	21	3	1	0	0	0	0	0	0
19:00	312	33.1	27.4	6.9	0	19	45	19	95	108	20	5	1	0	0	0	0	0	0
20:00	192	34.7	29	7.2	0	20	8	2	67	66	21	8	0	0	0	0	0	0	0
21:00	137	32.4	27	8.1	0	16	16	3	48	40	9	3	1	0	0	1	0	0	0
22:00	82	35.1	28.8	7.4	1	4	10	1	23	29	13	1	0	0	0	0	0	0	0
23:00	33	36	29.2	7.2	0	3	1	0	13	9	6	0	1	0	0	0	0	0	0
Totals																			
07-19	5583	31.1	26	6.4	35	491	645	496	2460	1326	110	16	1	1	0	2	0	0	0
06-22	6460	31.3	26.3	6.5	35	562	722	530	2761	1629	179	34	3	2	0	3	0	0	0
06-00	6575	31.3	26.3	6.5	36	569	733	531	2797	1667	198	35	4	2	0	3	0	0	0
00-00	6710	31.5	26.4	6.6	36	580	740	531	2840	1712	220	40	6	2	0	3	0	0	0
AM Peak	08:00 551	05:00 37.6	03:00 32.2	02:00 9.9	10:00 4	09:00 42	07:00 61	09:00 57	08:00 297	08:00 120	06:00 19	05:00 5	05:00 2	06:00 1	00:00 0	00:00 0	00:00 0	00:00 0	00:00 0
PM Peak	16:00 650	23:00 36	23:00 29.2	21:00 8.1	12:00 5	16:00 85	16:00 141	16:00 75	16:00 260	17:00 147	18:00 21	20:00 8	18:00 1	14:00 1	12:00 0	15:00 2	12:00 0	12:00 0	12:00 0

Friday 16 June 2023																			
Time	Total Volume	85th Percentile	Mean Average	Standard Deviation	5>=10	10>=15	15>=20	20>=25	25>=30	30>=35	35>=40	40>=45	45>=50	50>=55	55>=60	60>=65	65>=70	70>=75	75>=80
00:00	20	31.3	30.5	5.4	0	0	0	0	13	6	0	0	0	1	0	0	0	0	0
01:00	9	-	28.1	11.7	0	2	1	0	2	2	1	0	1	0	0	0	0	0	0
02:00	6	-	31.3	1.8	0	0	0	0	1	5	0	0	0	0	0	0	0	0	0
03:00	16	36.9	30.8	6.9	0	1	1	0	2	9	2	1	0	0	0	0	0	0	0
04:00	21	38.5	31.5	9.5	1	1	1	0	2	9	4	2	1	0	0	0	0	0	0
05:00	81	35.6	30.2	7	0	6	3	0	25	31	11	3	2	0	0	0	0	0	0
06:00	216	34.7	29.7	5.9	1	7	16	1	70	91	29	0	1	0	0	0	0	0	0
07:00	431	31.5	26.6	6	1	32	42	29	205	115	7	0	0	0	0	0	0	0	0
08:00	606	30.4	25.6	6.1	8	32	79	85	279	107	13	2	0	1	0	0	0	0	0
09:00	417	32	27.5	5.9	2	27	27	32	181	134	13	1	0	0	0	0	0	0	0
10:00	372	32.7	27.8	6.4	1	31	26	14	151	125	21	3	0	0	0	0	0	0	0
11:00	416	32	27	6.2	0	36	35	23	186	118	17	1	0	0	0	0	0	0	0
12:00	451	31.3	24.5	7.2	2	57	85	48	153	83	18	5	0	0	0	0	0	0	0
13:00	461	32.2	27.4	6	2	27	40	31	194	144	22	1	0	0	0	0	0	0	0
14:00	518	30.9	25.8	6.1	2	40	63	70	213	119	10	0	1	0	0	0	0	0	0
15:00	520	31.1	26.4	6	1	40	55	36	252	122	14	0	0	0	0	0	0	0	0
16:00	531	30.6	24.8	6.5	1	62	84	63	204	113	4	0	0	0	0	0	0	0	0
17:00	506	31.3	26.7	6.5	2	39	62	21	236	124	19	2	0	0	0	0	1	0	0
18:00	381	32	26.6	6.6	2	34	41	28	147	114	12	3	0	0	0	0	0	0	0
19:00	256	32.4	27.9	5.9	0	17	20	8	118	78	13	2	0	0	0	0	0	0	0
20:00	209	33.1	27	7.4	2	20	23	11	73	64	12	2	1	1	0	0	0	0	0
21:00	152	32	28.3	5.4	1	7	7	3	82	44	6	2	0	0	0	0	0	0	0
22:00	106	33.3	29	5.9	0	4	5	6	54	25	10	1	1	0	0	0	0	0	0
23:00	84	33.1	29.8	5.6	1	1	3	0	38	33	6	1	0	1	0	0	0	0	0
Totals																			
07-19	5610	31.5	26.3	6.4	24	457	639	480	2401	1418	170	18	1	1	0	0	1	0	0
06-22	6443	31.5	26.6	6.4	28	508	705	503	2744	1695	230	24	3	2	0	0	1	0	0
06-00	6633	31.8	26.6	6.4	29	513	713	509	2836	1753	246	26	4	3	0	0	1	0	0
00-00	6766	31.8	26.7	6.4	30	523	719	509	2861	1815	264	32	8	4	0	0	1	0	0
AM Peak		08:00	04:00	04:00	01:00	08:00	11:00	08:00	08:00	08:00	09:00	06:00	05:00	05:00	00:00	00:00	00:00	00:00	00:00
		606	38.5	31.5	11.7	8	36	79	85	279	134	29	3	2	1	0	0	0	0
PM Peak		16:00	22:00	23:00	20:00	12:00	16:00	12:00	14:00	15:00	13:00	13:00	12:00	14:00	20:00	12:00	12:00	17:00	12:00
		531	33.3	29.8	7.4	2	62	85	70	252	144	22	5	1	1	0	0	1	0

Saturday 17 June 2023																			
Time	Total Volume	85th Percentile	Mean Average	Standard Deviation	5>=10	10>=15	15>=20	20>=25	25>=30	30>=35	35>=40	40>=45	45>=50	50>=55	55>=60	60>=65	65>=70	70>=75	75>=80
00:00	33	38.7	33.1	6.9	0	1	0	0	11	10	7	2	1	1	0	0	0	0	0
01:00	13	37.8	33.3	4.1	0	0	0	0	1	9	2	1	0	0	0	0	0	0	0
02:00	10	-	28.9	5.2	0	0	1	1	3	4	1	0	0	0	0	0	0	0	0
03:00	8	-	30.8	2.8	0	0	0	0	3	4	1	0	0	0	0	0	0	0	0
04:00	12	36.7	30	8.9	0	1	1	0	4	3	2	0	1	0	0	0	0	0	0
05:00	32	40.3	33.1	8.9	0	2	1	0	3	16	4	3	1	2	0	0	0	0	0
06:00	56	33.1	26.4	8.8	1	9	7	0	14	19	5	1	0	0	0	0	0	0	0
07:00	183	33.6	27.7	7.5	0	19	21	3	66	54	17	1	2	0	0	0	0	0	0
08:00	252	32.9	27	7.4	1	29	26	12	91	74	17	1	0	0	1	0	0	0	0
09:00	362	32	27.4	6	1	26	30	21	168	106	8	2	0	0	0	0	0	0	0
10:00	380	32.2	27	6.5	1	35	26	37	152	105	20	4	0	0	0	0	0	0	0
11:00	454	30.9	25.1	6.6	6	41	65	64	172	101	5	0	0	0	0	0	0	0	0
12:00	473	30.9	25.6	6.1	2	41	49	62	210	104	4	1	0	0	0	0	0	0	0
13:00	416	32.4	27.8	5.8	0	21	24	36	190	121	22	1	0	1	0	0	0	0	0
14:00	397	32.2	27.9	5.9	3	13	28	33	174	128	15	0	0	3	0	0	0	0	0
15:00	442	32	27.4	6	2	28	41	32	178	146	14	1	0	0	0	0	0	0	0
16:00	430	31.8	27.2	5.9	1	31	35	29	198	121	13	2	0	0	0	0	0	0	0
17:00	383	32.7	27.6	6.2	0	27	28	31	154	115	28	0	0	0	0	0	0	0	0
18:00	327	32.2	27.3	6.1	0	17	29	31	136	95	17	2	0	0	0	0	0	0	0
19:00	217	32.7	28.1	6.1	0	16	13	14	80	81	12	1	0	0	0	0	0	0	0
20:00	170	33.1	28.5	6.7	1	13	4	10	66	63	8	3	0	2	0	0	0	0	0
21:00	146	32.2	27.5	6.8	1	11	12	12	55	44	8	1	2	0	0	0	0	0	0
22:00	138	32.9	28.5	6	0	9	7	5	62	40	14	0	1	0	0	0	0	0	0
23:00	71	32.2	29.2	5.3	0	3	2	2	31	29	2	2	0	0	0	0	0	0	0
Totals																			
07-19	4499	32	27	6.3	17	328	402	391	1889	1270	180	15	2	4	1	0	0	0	0
06-22	5088	32.2	27.1	6.4	20	377	438	427	2104	1477	213	21	4	6	1	0	0	0	0
06-00	5297	32.2	27.2	6.4	20	389	447	434	2197	1546	229	23	5	6	1	0	0	0	0
00-00	5405	32.2	27.3	6.4	20	393	450	435	2222	1592	246	29	8	9	1	0	0	0	0
AM Peak		11:00	05:00	01:00	04:00	11:00	11:00	11:00	11:00	09:00	10:00	10:00	07:00	05:00	08:00	00:00	00:00	00:00	00:00
		454	40.3	33.3	8.9	6	41	65	64	172	106	20	4	2	2	1	0	0	0
PM Peak		12:00	20:00	23:00	21:00	14:00	12:00	12:00	12:00	15:00	17:00	20:00	21:00	14:00	12:00	12:00	12:00	12:00	12:00
		473	33.1	29.2	6.8	3	41	49	62	210	146	28	3	2	3	0	0	0	0

Sunday 18 June 2023																			
Time	Total Volume	85th Percentile	Mean Average	Standard Deviation	5>=10	10>=15	15>=20	20>=25	25>=30	30>=35	35>=40	40>=45	45>=50	50>=55	55>=60	60>=65	65>=70	70>=75	75>=80
00:00	45	36.9	30.4	6.7	0	1	3	2	15	15	6	2	1	0	0	0	0	0	0
01:00	18	31.1	29.2	5.1	0	0	1	1	10	5	0	1	0	0	0	0	0	0	0
02:00	7	-	25.4	9.9	0	1	2	0	2	1	0	1	0	0	0	0	0	0	0
03:00	6	-	28.4	8.4	0	1	0	0	2	2	1	0	0	0	0	0	0	0	0
04:00	17	31.3	29.5	5.8	0	1	0	1	6	7	2	0	0	0	0	0	0	0	0
05:00	27	39.8	32.1	9.9	0	2	1	0	5	13	2	2	1	0	0	1	0	0	0
06:00	46	34	26.8	9.6	1	5	9	1	9	14	4	1	2	0	0	0	0	0	0
07:00	100	34.7	28.6	7.9	0	11	9	1	31	33	10	3	1	1	0	0	0	0	0
08:00	140	34.7	29.1	7.2	0	13	9	1	41	57	13	6	0	0	0	0	0	0	0
09:00	239	32.4	26.9	7.1	1	30	20	4	95	74	14	1	0	0	0	0	0	0	0
10:00	359	32.4	27.9	6.1	2	21	30	13	144	131	15	2	1	0	0	0	0	0	0
11:00	462	31.8	27	6.2	2	38	32	31	202	139	17	1	0	0	0	0	0	0	0
12:00	428	32.2	26.9	6.6	1	36	42	34	173	115	23	4	0	0	0	0	0	0	0
13:00	393	32.9	27.9	6.2	0	29	31	18	150	137	27	1	0	0	0	0	0	0	0
14:00	432	31.5	26.1	6.9	17	37	18	51	182	112	14	1	0	0	0	0	0	0	0
15:00	424	32.7	28	6	0	26	30	20	172	157	18	0	0	0	0	0	1	0	0
16:00	458	32.4	27.2	6.4	0	39	40	31	176	155	13	3	1	0	0	0	0	0	0
17:00	416	32.2	27.1	5.9	1	31	31	18	205	115	15	0	0	0	0	0	0	0	0
18:00	267	32.4	28.4	5.4	1	14	12	6	125	96	13	0	0	0	0	0	0	0	0
19:00	205	32.4	27.7	6.3	0	15	14	14	82	66	12	2	0	0	0	0	0	0	0
20:00	184	31.8	27.8	6.2	0	13	14	5	83	61	5	3	0	0	0	0	0	0	0
21:00	91	35.6	29.4	6.5	0	5	5	1	40	23	15	1	1	0	0	0	0	0	0
22:00	41	35.6	30.4	6.1	0	1	1	2	15	14	6	2	0	0	0	0	0	0	0
23:00	25	31.5	29.3	6.3	0	1	1	1	11	9	1	0	1	0	0	0	0	0	0
Totals																			
07-19	4118	32.4	27.4	6.4	25	325	304	228	1696	1321	192	22	3	1	0	0	1	0	0
06-22	4644	32.4	27.5	6.4	26	363	346	249	1910	1485	228	29	6	1	0	0	1	0	0
06-00	4710	32.4	27.5	6.4	26	365	348	252	1936	1508	235	31	7	1	0	0	1	0	0
00-00	4830	32.4	27.6	6.5	26	371	355	256	1976	1551	246	37	9	1	0	1	1	0	0
AM Peak	11:00	05:00	05:00	02:00	10:00	11:00	11:00	11:00	11:00	11:00	11:00	08:00	06:00	07:00	00:00	05:00	00:00	00:00	00:00
	462	39.8	32.1	9.9	2	38	32	31	202	139	17	6	2	1	0	1	0	0	0
PM Peak	16:00	21:00	22:00	14:00	14:00	16:00	12:00	14:00	17:00	15:00	13:00	12:00	16:00	12:00	12:00	12:00	15:00	12:00	12:00
	458	35.6	30.4	6.9	17	39	42	51	205	157	27	4	1	0	0	0	1	0	0

Monday 19 June 2023																			
Time	Total Volume	85th Percentile	Mean Average	Standard Deviation	5>=10	10>=15	15>=20	20>=25	25>=30	30>=35	35>=40	40>=45	45>=50	50>=55	55>=60	60>=65	65>=70	70>=75	75>=80
00:00	10	-	28.7	6.5	0	1	0	0	4	4	1	0	0	0	0	0	0	0	0
01:00	4	-	25.8	7.6	0	1	0	0	2	1	0	0	0	0	0	0	0	0	0
02:00	5	-	26.7	9.1	0	1	0	0	3	0	1	0	0	0	0	0	0	0	0
03:00	8	-	30.4	2	0	0	0	0	4	4	0	0	0	0	0	0	0	0	0
04:00	23	33.3	30.8	6.8	0	1	1	0	4	14	0	3	0	0	0	0	0	0	0
05:00	73	37.8	31.4	6.5	0	4	1	1	17	32	12	5	1	0	0	0	0	0	0
06:00	226	35.1	29.8	6.1	0	14	9	2	76	90	30	3	1	1	0	0	0	0	0
07:00	478	31.1	27	5.4	1	34	26	37	244	130	6	0	0	0	0	0	0	0	0
08:00	556	31.1	26.1	6.4	3	51	59	51	232	145	12	3	0	0	0	0	0	0	0
09:00	358	31.5	27.5	5.9	3	25	19	22	169	108	11	1	0	0	0	0	0	0	0
10:00	304	32.4	27.9	5.9	1	22	15	14	130	113	8	1	0	0	0	0	0	0	0
11:00	369	31.5	25.3	7.9	22	43	19	30	147	89	19	0	0	0	0	0	0	0	0
12:00	411	31.5	26.4	6.8	5	43	40	12	189	105	12	5	0	0	0	0	0	0	0
13:00	364	31.8	27.2	6.3	5	25	23	27	152	116	14	2	0	0	0	0	0	0	0
14:00	404	32	27	6.4	3	32	34	29	170	110	25	1	0	0	0	0	0	0	0
15:00	443	30.6	25.3	6.4	2	48	54	54	197	76	10	1	1	0	0	0	0	0	0
16:00	614	30.9	24	7.3	5	91	123	60	199	112	23	1	0	0	0	0	0	0	0
17:00	525	31.1	24.7	7.4	3	82	79	46	182	114	15	3	0	1	0	0	0	0	0
18:00	279	32.2	26.5	6.9	1	26	39	11	99	91	11	1	0	0	0	0	0	0	0
19:00	233	32.4	26.1	7.4	1	23	44	13	68	71	12	0	1	0	0	0	0	0	0
20:00	149	33.8	28.5	7	0	14	10	4	48	57	13	2	0	1	0	0	0	0	0
21:00	120	32.2	28.6	6.5	0	11	5	1	41	52	7	2	1	0	0	0	0	0	0
22:00	76	33.8	30	5.5	0	2	5	0	23	36	9	0	1	0	0	0	0	0	0
23:00	27	33.6	27.7	8.2	0	3	4	0	6	12	0	2	0	0	0	0	0	0	0
Totals																			
07-19	5105	31.5	26.1	6.8	54	522	530	393	2110	1309	166	19	1	1	0	0	0	0	0
06-22	5833	31.8	26.3	6.8	55	584	598	413	2343	1579	228	26	4	3	0	0	0	0	0
06-00	5936	31.8	26.4	6.8	55	589	607	413	2372	1627	237	28	5	3	0	0	0	0	0
00-00	6059	31.8	26.5	6.8	55	597	609	414	2406	1682	251	36	6	3	0	0	0	0	0
AM Peak																			
08:00	556	37.8	31.4	9.1	22	51	59	51	244	145	30	5	1	1	0	0	0	0	0
PM Peak																			
16:00	614	33.8	30	8.2	5	91	123	60	199	116	25	5	1	1	0	0	0	0	0



Tuesday 20 June 2023																			
Time	Total Volume	85th Percentile	Mean Average	Standard Deviation	5>=10	10>=15	15>=20	20>=25	25>=30	30>=35	35>=40	40>=45	45>=50	50>=55	55>=60	60>=65	65>=70	70>=75	75>=80
00:00	5	-	28.2	5.2	0	0	1	0	2	2	0	0	0	0	0	0	0	0	0
01:00	5	-	34.1	6.4	0	0	0	0	1	2	1	1	0	0	0	0	0	0	0
02:00	8	-	27.7	5.5	0	1	0	0	5	2	0	0	0	0	0	0	0	0	0
03:00	7	-	37.9	6.9	0	0	0	0	1	2	1	2	1	0	0	0	0	0	0
04:00	25	33.3	29.8	5.7	0	2	0	0	9	11	2	1	0	0	0	0	0	0	0
05:00	75	40	31.1	8.1	0	7	1	0	24	23	8	10	2	0	0	0	0	0	0
06:00	218	34.4	29	6.4	0	14	15	11	69	79	28	2	0	0	0	0	0	0	0
07:00	511	31.1	26.9	5.5	0	29	46	41	252	127	16	0	0	0	0	0	0	0	0
08:00	573	30.2	25.8	5.4	2	33	56	88	293	99	2	0	0	0	0	0	0	0	0
09:00	398	31.5	27.2	6	7	20	25	25	199	109	12	1	0	0	0	0	0	0	0
10:00	356	31.8	27	6.6	4	28	34	15	153	103	18	1	0	0	0	0	0	0	0
11:00	394	31.5	26.5	6.6	1	44	32	24	169	106	18	0	0	0	0	0	0	0	0
12:00	369	31.3	26.5	6.3	0	37	34	26	164	95	13	0	0	0	0	0	0	0	0
13:00	337	32.2	26.8	6.5	1	30	32	25	132	100	16	1	0	0	0	0	0	0	0
14:00	395	31.1	26.2	6.3	1	34	41	36	188	79	15	1	0	0	0	0	0	0	0
15:00	487	30.6	25.5	6.4	1	48	68	47	216	97	9	1	0	0	0	0	0	0	0
16:00	659	30.4	24.2	6.6	0	92	125	55	264	114	9	0	0	0	0	0	0	0	0
17:00	523	31.3	25.1	6.9	4	63	84	42	193	124	11	2	0	0	0	0	0	0	0
18:00	306	31.8	25.3	7.1	2	39	41	26	113	74	10	0	1	0	0	0	0	0	0
19:00	289	32.9	27.1	7.1	1	26	35	13	101	92	18	1	2	0	0	0	0	0	0
20:00	215	33.1	27.4	7.2	0	24	21	5	80	63	17	5	0	0	0	0	0	0	0
21:00	104	34.7	28.6	7.5	0	9	7	7	33	33	9	6	0	0	0	0	0	0	0
22:00	85	35.1	29.5	6.8	0	4	6	2	34	25	9	4	1	0	0	0	0	0	0
23:00	23	36	30.1	5.4	0	0	2	0	7	10	4	0	0	0	0	0	0	0	0
Totals																			
07-19	5308	31.1	26	6.4	23	497	618	450	2336	1227	149	7	1	0	0	0	0	0	0
06-22	6134	31.5	26.2	6.5	24	570	696	486	2819	1494	221	21	3	0	0	0	0	0	0
06-00	6242	31.5	26.3	6.5	24	574	704	488	2660	1529	234	25	4	0	0	0	0	0	0
00-00	6367	31.5	26.4	6.6	24	584	706	488	2702	1571	246	39	7	0	0	0	0	0	0
AM Peak		08:00	05:00	03:00	05:00	09:00	11:00	08:00	08:00	08:00	07:00	06:00	05:00	05:00	00:00	00:00	00:00	00:00	00:00
		573	40	37.9	8.1	7	44	56	88	293	127	28	10	2	0	0	0	0	0
PM Peak		16:00	23:00	23:00	21:00	17:00	16:00	16:00	16:00	16:00	17:00	19:00	21:00	19:00	12:00	12:00	12:00	12:00	12:00
		659	36	30.1	7.5	4	92	125	55	264	124	18	6	2	0	0	0	0	0

Wednesday 21 June 2023																			
Time	Total Volume	85th Percentile	Mean Average	Standard Deviation	5>=10	10>=15	15>=20	20>=25	25>=30	30>=35	35>=40	40>=45	45>=50	50>=55	55>=60	60>=65	65>=70	70>=75	75>=80
00:00	7	-	31.6	7.9	0	1	0	0	0	4	1	1	0	0	0	0	0	0	0
01:00	10	-	29.9	8.3	0	1	0	0	5	2	1	0	1	0	0	0	0	0	0
02:00	7	-	27.3	5.6	0	0	1	0	4	2	0	0	0	0	0	0	0	0	0
03:00	12	36.2	32.1	6.8	0	1	0	0	1	6	4	0	0	0	0	0	0	0	0
04:00	22	39.6	31.3	10	1	1	1	0	4	9	3	1	1	1	0	0	0	0	0
05:00	73	34.9	30.6	6.5	0	5	1	0	24	32	7	4	0	0	0	0	0	0	0
06:00	233	33.3	29.1	6.2	0	13	16	4	83	93	18	5	1	0	0	0	0	0	0
07:00	505	30.6	26.7	5.3	1	23	45	49	259	121	7	0	0	0	0	0	0	0	0
08:00	613	30.2	26	5.5	1	42	58	87	306	108	10	1	0	0	0	0	0	0	0
09:00	441	32	27.1	6	1	39	31	24	201	126	18	1	0	0	0	0	0	0	0
10:00	358	32.2	27.5	5.9	0	25	24	25	156	114	12	2	0	0	0	0	0	0	0
11:00	350	32	26.2	6.6	1	31	48	24	135	103	8	0	0	0	0	0	0	0	0
12:00	410	32.4	26.5	6.4	1	30	50	31	178	102	17	1	0	0	0	0	0	0	0
13:00	375	31.1	26.7	6.1	2	28	35	22	185	95	7	1	0	0	0	0	0	0	0
14:00	423	31.8	27.1	5.9	0	26	42	33	188	115	19	0	0	0	0	0	0	0	0
15:00	515	30.9	25.6	6.3	1	49	71	41	234	105	14	0	0	0	0	0	0	0	0
16:00	686	30.2	23.9	6.7	2	97	126	84	250	114	13	0	0	0	0	0	0	0	0
17:00	524	30.2	24.5	6.3	3	51	85	82	217	78	7	1	0	0	0	0	0	0	0
18:00	338	32	26.3	6.7	1	40	29	30	124	94	19	1	0	0	0	0	0	0	0
19:00	284	32.4	26	7.3	2	30	43	23	77	93	14	2	0	0	0	0	0	0	0
20:00	233	33.8	28.7	6.9	1	17	18	3	82	89	18	3	1	0	1	0	0	0	0
21:00	184	34.7	27.9	7.4	0	20	11	5	77	45	20	6	0	0	0	0	0	0	0
22:00	76	35.8	30.6	7.4	0	4	5	0	18	31	12	3	3	0	0	0	0	0	0
23:00	37	40.3	31.2	9.5	0	4	2	0	10	9	4	7	1	0	0	0	0	0	0
Totals																			
07-19	5538	31.1	26	6.2	14	481	644	532	2433	1275	151	8	0	0	0	0	0	0	0
06-22	6472	31.5	26.3	6.4	17	561	732	567	2752	1595	221	24	2	0	1	0	0	0	0
06-00	6585	31.5	26.3	6.4	17	569	739	567	2780	1635	237	34	6	0	1	0	0	0	0
00-00	6716	31.8	26.4	6.5	18	578	742	567	2818	1690	253	40	8	1	1	0	0	0	0
AM Peak																			
08:00	04:00	03:00	04:00	04:00	08:00	08:00	08:00	08:00	09:00	06:00	06:00	01:00	04:00	00:00	00:00	00:00	00:00	00:00	00:00
613	39.6	32.1	10	1	42	58	87	306	126	18	5	1	1	0	0	0	0	0	0
PM Peak																			
16:00	23:00	23:00	23:00	17:00	16:00	16:00	16:00	16:00	14:00	21:00	23:00	22:00	12:00	20:00	12:00	12:00	12:00	12:00	12:00
686	40.3	31.2	9.5	3	97	126	84	250	115	20	7	3	0	1	0	0	0	0	0

Site : 2: A581 Southport Road, Leyland  
 Direction: Westbound

Thursday 15 June 2023																			
Time	Total Volume	85th Percentile	Mean Average	Standard Deviation	5>=10	10>=15	15>=20	20>=25	25>=30	30>=35	35>=40	40>=45	45>=50	50>=55	55>=60	60>=65	65>=70	70>=75	75>=80
00:00	11	33.8	32.1	4.4	0	0	0	0	3	6	1	1	0	0	0	0	0	0	0
01:00	8	-	31.4	2.5	0	0	0	0	2	6	0	0	0	0	0	0	0	0	0
02:00	6	-	29.1	7.3	0	0	1	0	3	1	0	1	0	0	0	0	0	0	0
03:00	3	-	29.8	0.7	0	0	0	0	1	2	0	0	0	0	0	0	0	0	0
04:00	14	32.7	28	5.5	0	0	1	2	6	3	2	0	0	0	0	0	0	0	0
05:00	61	34.4	28.3	7	0	1	8	9	12	26	3	1	1	0	0	0	0	0	0
06:00	148	32.9	26	7.5	0	7	33	23	43	27	10	2	3	0	0	0	0	0	0
07:00	563	27.3	19.4	6.7	23	141	163	109	72	49	6	0	0	0	0	0	0	0	0
08:00	528	30.6	24.6	6.6	7	36	97	102	179	85	19	2	1	0	0	0	0	0	0
09:00	404	30.6	25.1	6.1	5	26	58	76	153	80	5	1	0	0	0	0	0	0	0
10:00	380	31.5	25.9	6.7	8	23	55	42	143	98	9	2	0	0	0	0	0	0	0
11:00	406	31.8	27	6.3	0	19	43	55	176	98	11	1	0	0	3	0	0	0	0
12:00	425	31.1	25.4	6.4	8	23	65	66	168	79	14	2	0	0	0	0	0	0	0
13:00	414	31.8	25.2	6.9	5	31	74	58	124	104	15	3	0	0	0	0	0	0	0
14:00	437	31.5	26.7	5.8	1	20	44	67	168	122	13	2	0	0	0	0	0	0	0
15:00	477	31.8	26.4	6.7	2	43	45	63	168	139	10	5	0	2	0	0	0	0	0
16:00	567	30.4	24.6	6.2	10	40	82	117	219	92	7	0	0	0	0	0	0	0	0
17:00	657	31.1	24.5	7	15	58	109	115	202	132	24	1	1	0	0	0	0	0	0
18:00	473	32.4	26.8	6.3	7	13	65	68	155	131	29	5	0	0	0	0	0	0	0
19:00	322	32.4	27.7	6.5	1	13	39	33	102	104	24	5	0	1	0	0	0	0	0
20:00	215	34.2	28.7	6.7	0	9	20	22	51	90	21	0	1	1	0	0	0	0	0
21:00	169	34.4	29.5	6.4	0	2	16	12	58	58	17	2	2	2	0	0	0	0	0
22:00	87	34.2	29.4	7.8	0	1	9	8	30	27	8	1	0	1	1	1	0	0	0
23:00	49	33.3	30	5.5	0	0	3	2	19	19	5	0	0	1	0	0	0	0	0
Totals																			
07-19	5731	31.1	25	6.8	91	473	900	938	1927	1209	162	24	2	2	3	0	0	0	0
06-22	6585	31.5	25.4	6.9	92	504	1008	1028	2181	1488	234	33	8	6	3	0	0	0	0
06-00	6721	31.5	25.5	6.9	92	505	1020	1038	2230	1534	247	34	8	8	4	1	0	0	0
00-00	6824	31.5	25.5	6.9	92	506	1030	1049	2257	1578	253	37	9	8	4	1	0	0	0
AM Peak																			
07:00	05:00	00:00	06:00	07:00	07:00	07:00	07:00	07:00	08:00	10:00	08:00	06:00	06:00	00:00	11:00	00:00	00:00	00:00	00:00
563	34.4	32.1	7.5	23	141	163	109	179	98	98	19	2	3	0	3	0	0	0	0
PM Peak																			
17:00	21:00	23:00	22:00	17:00	17:00	17:00	16:00	16:00	15:00	18:00	15:00	21:00	15:00	22:00	22:00	12:00	12:00	12:00	12:00
657	34.4	30	7.8	15	58	109	117	219	139	29	5	2	2	1	1	0	0	0	0

Friday 16 June 2023																			
Time	Total Volume	85th Percentile	Mean Average	Standard Deviation	5>=10	10>=15	15>=20	20>=25	25>=30	30>=35	35>=40	40>=45	45>=50	50>=55	55>=60	60>=65	65>=70	70>=75	75>=80
00:00	21	32.9	30.1	4.6	0	0	0	2	9	9	0	1	0	0	0	0	0	0	0
01:00	17	34.2	31.2	5.6	0	0	1	1	3	10	1	1	0	0	0	0	0	0	0
02:00	5	-	30.6	2.3	0	0	0	0	2	3	0	0	0	0	0	0	0	0	0
03:00	6	-	32.1	2.5	0	0	0	0	1	5	0	0	0	0	0	0	0	0	0
04:00	10	-	30	6.4	0	0	2	0	2	4	2	0	0	0	0	0	0	0	0
05:00	56	37.4	30	7.5	0	2	4	6	15	17	10	1	0	1	0	0	0	0	0
06:00	146	32.4	25.9	7.2	0	5	33	27	41	29	6	3	2	0	0	0	0	0	0
07:00	569	30	22	6.6	14	64	181	113	115	75	6	1	0	0	0	0	0	0	0
08:00	500	30.9	24.5	6.7	12	37	85	103	156	94	13	0	0	0	0	0	0	0	0
09:00	397	31.5	25.5	6.9	8	27	67	46	151	81	15	2	0	0	0	0	0	0	0
10:00	387	32.2	26.9	6.3	3	18	49	43	137	115	20	2	0	0	0	0	0	0	0
11:00	435	31.8	26.7	5.9	2	19	51	58	162	127	16	0	0	0	0	0	0	0	0
12:00	475	31.3	26.4	5.9	4	13	62	81	185	115	12	2	0	1	0	0	0	0	0
13:00	438	31.5	27.2	5.5	1	13	50	50	172	137	13	1	1	0	0	0	0	0	0
14:00	506	31.3	26.1	5.8	3	19	66	83	211	109	15	0	0	0	0	0	0	0	0
15:00	584	30.9	25.7	6.2	7	37	81	68	252	119	19	1	0	0	0	0	0	0	0
16:00	606	30.2	24.4	6.1	9	44	99	115	241	85	13	0	0	0	0	0	0	0	0
17:00	591	32.4	27.2	6.1	6	19	65	75	215	186	22	2	1	0	0	0	0	0	0
18:00	467	32.9	27.6	6.3	2	27	39	47	169	148	30	5	0	0	0	0	0	0	0
19:00	307	33.3	28.2	6.2	3	5	27	36	117	90	21	6	2	0	0	0	0	0	0
20:00	193	33.3	28.5	5.8	1	2	19	19	71	62	14	5	0	0	0	0	0	0	0
21:00	146	32.4	28.1	6.6	0	6	16	10	60	39	10	2	2	1	0	0	0	0	0
22:00	105	34	29.9	5.5	0	1	8	5	42	39	8	0	2	0	0	0	0	0	0
23:00	76	34.2	29.4	5.5	0	1	6	3	33	23	8	2	0	0	0	0	0	0	0
Totals																			
07-19	5955	31.3	25.8	6.4	71	337	895	882	2166	1391	194	16	2	1	0	0	0	0	0
06-22	6747	31.5	26	6.4	75	355	990	974	2455	1611	245	32	8	2	0	0	0	0	0
06-00	6928	31.5	26.1	6.4	75	357	1004	982	2530	1673	261	34	10	2	0	0	0	0	0
00-00	7043	31.8	26.2	6.5	75	359	1011	991	2562	1721	274	37	10	3	0	0	0	0	0
AM Peak		07:00	05:00	03:00	05:00	07:00	07:00	07:00	07:00	11:00	11:00	10:00	06:00	06:00	05:00	00:00	00:00	00:00	00:00
		569	37.4	32.1	7.5	14	64	181	113	162	127	20	3	2	1	0	0	0	0
PM Peak		16:00	23:00	22:00	21:00	16:00	16:00	16:00	16:00	15:00	17:00	18:00	19:00	19:00	12:00	12:00	12:00	12:00	12:00
		606	34.2	29.9	6.6	9	44	99	115	252	186	30	6	2	1	0	0	0	0

Saturday 17 June 2023																				
Time	Total Volume	85th Percentile	Mean Average	Standard Deviation	5>=10	10>=15	15>=20	20>=25	25>=30	30>=35	35>=40	40>=45	45>=50	50>=55	55>=60	60>=65	65>=70	70>=75	75>=80	
00:00	55	36	30.3	6.8	0	0	4	4	19	19	6	1	1	1	0	0	0	0	0	
01:00	15	37.4	31.7	8.1	0	1	0	1	5	3	4	0	0	1	0	0	0	0	0	
02:00	14	30.6	28.3	4.5	0	0	1	2	7	3	1	0	0	0	0	0	0	0	0	
03:00	9	-	29.4	5.2	0	0	0	2	4	1	2	0	0	0	0	0	0	0	0	
04:00	8	-	28.1	7.8	0	0	2	0	4	1	0	1	0	0	0	0	0	0	0	
05:00	25	32.9	28.2	9.7	0	2	2	4	9	4	2	0	1	0	1	0	0	0	0	
06:00	67	34.7	27.9	7.3	0	2	9	13	14	19	7	2	1	0	0	0	0	0	0	
07:00	163	33.1	26.1	7.1	0	8	31	31	42	36	10	4	1	0	0	0	0	0	0	
08:00	252	32.9	27	6.1	0	4	41	44	71	72	19	1	0	0	0	0	0	0	0	
09:00	382	31.5	26.8	5.6	1	9	47	61	148	103	10	3	0	0	0	0	0	0	0	
10:00	490	31.3	25.5	6.5	3	32	74	88	170	101	18	3	1	0	0	0	0	0	0	
11:00	558	30.9	24.1	7.2	15	59	98	83	177	109	17	0	0	0	0	0	0	0	0	
12:00	510	31.5	26.1	6.7	4	33	68	69	182	128	19	7	0	0	0	0	0	0	0	
13:00	497	32.4	27.3	5.8	3	13	51	78	165	165	20	0	2	0	0	0	0	0	0	
14:00	490	31.5	26.8	5.6	3	16	58	57	218	123	14	1	0	0	0	0	0	0	0	
15:00	430	32.2	27.3	6.4	4	24	42	35	174	124	19	8	0	0	0	0	0	0	0	
16:00	393	32.9	27.8	6	3	15	29	49	144	127	24	1	1	0	0	0	0	0	0	
17:00	355	32.7	28.3	5.7	1	11	28	37	123	127	25	3	0	0	0	0	0	0	0	
18:00	272	34	29.2	5.4	0	4	18	33	81	106	28	2	0	0	0	0	0	0	0	
19:00	252	33.6	29	5.7	0	8	17	20	80	108	17	1	1	0	0	0	0	0	0	
20:00	189	33.6	28.3	6.3	0	8	21	13	65	66	13	3	0	0	0	0	0	0	0	
21:00	109	34.7	29.3	6.7	1	1	9	9	36	37	12	2	1	1	0	0	0	0	0	
22:00	129	33.6	28.8	5.8	0	3	12	9	49	42	11	3	0	0	0	0	0	0	0	
23:00	78	34.2	29.8	5	0	0	7	4	24	35	8	0	0	0	0	0	0	0	0	
Totals																				
07-19	4792	32	26.7	6.3	37	228	585	665	1695	1321	223	33	5	0	0	0	0	0	0	
06-22	5409	32.2	26.9	6.4	38	247	641	720	1890	1551	272	41	8	1	0	0	0	0	0	
06-00	5616	32.4	27	6.3	38	250	660	733	1963	1628	291	44	8	1	0	0	0	0	0	
00-00	5742	32.4	27.1	6.4	38	253	669	746	2011	1659	306	46	10	3	1	0	0	0	0	
AM Peak		11:00	01:00	01:00	05:00	11:00	11:00	11:00	10:00	11:00	11:00	08:00	07:00	00:00	00:00	05:00	00:00	00:00	00:00	00:00
		558	37.4	31.7	9.7	15	59	98	88	177	109	19	4	1	1	1	0	0	0	0
PM Peak		12:00	21:00	23:00	12:00	12:00	12:00	12:00	13:00	14:00	13:00	18:00	15:00	13:00	21:00	12:00	12:00	12:00	12:00	12:00
		510	34.7	29.8	6.7	4	33	68	78	218	165	28	8	2	1	0	0	0	0	0

Sunday 18 June 2023																			
Time	Total Volume	85th Percentile	Mean Average	Standard Deviation	5>=10	10>=15	15>=20	20>=25	25>=30	30>=35	35>=40	40>=45	45>=50	50>=55	55>=60	60>=65	65>=70	70>=75	75>=80
00:00	53	32.2	30.1	5.4	0	0	2	4	22	19	4	1	0	1	0	0	0	0	0
01:00	15	36	29.6	6.9	0	0	3	1	2	6	3	0	0	0	0	0	0	0	0
02:00	12	38.3	32.4	6.1	0	0	1	0	3	4	3	1	0	0	0	0	0	0	0
03:00	7	-	28.9	5.6	0	0	1	0	2	4	0	0	0	0	0	0	0	0	0
04:00	9	-	28.9	5.3	0	0	1	0	5	2	1	0	0	0	0	0	0	0	0
05:00	17	33.6	28.5	7.5	0	0	2	4	4	4	2	1	0	0	0	0	0	0	0
06:00	50	34.4	27.7	6.1	0	2	5	8	11	19	5	0	0	0	0	0	0	0	0
07:00	101	32.7	26	7	0	1	26	23	15	26	7	3	0	0	0	0	0	0	0
08:00	160	32.9	26	7.3	1	9	25	38	31	43	10	2	0	1	0	0	0	0	0
09:00	244	32.7	26.9	6.3	0	8	28	55	76	58	15	4	0	0	0	0	0	0	0
10:00	393	32.4	27.6	5.7	1	12	35	47	150	128	19	1	0	0	0	0	0	0	0
11:00	471	31.3	26.9	5.4	4	11	52	69	188	137	8	2	0	0	0	0	0	0	0
12:00	558	31.8	26.9	5.9	5	18	59	102	175	172	25	2	0	0	0	0	0	0	0
13:00	550	32	27.8	5.2	2	10	49	62	210	199	17	1	0	0	0	0	0	0	0
14:00	456	32.4	27.2	6.3	3	22	47	55	172	137	18	0	1	1	0	0	0	0	0
15:00	377	32.2	28	5.6	0	7	39	39	139	132	19	1	1	0	0	0	0	0	0
16:00	324	32.7	28.1	5.9	2	7	29	34	123	102	23	2	2	0	0	0	0	0	0
17:00	309	32.4	27.2	6.2	3	9	46	27	113	95	15	1	0	0	0	0	0	0	0
18:00	236	32	27.1	5.6	0	5	30	37	91	62	8	3	0	0	0	0	0	0	0
19:00	218	32	27	5.8	2	6	23	32	85	55	14	1	0	0	0	0	0	0	0
20:00	141	32.2	28.3	5.5	0	4	12	11	54	48	11	1	0	0	0	0	0	0	0
21:00	98	33.6	29	6.4	0	4	10	3	29	40	9	3	0	0	0	0	0	0	0
22:00	39	34.7	29.8	6.1	0	0	3	3	13	14	5	0	1	0	0	0	0	0	0
23:00	23	33.3	29.1	5	0	1	0	2	10	9	1	0	0	0	0	0	0	0	0
Totals																			
07-19	4179	32.2	27.3	5.9	21	119	465	588	1483	1291	184	22	4	2	0	0	0	0	0
06-22	4686	32.2	27.3	5.9	23	135	515	642	1662	1453	223	27	4	2	0	0	0	0	0
06-00	4748	32.2	27.4	5.9	23	136	518	647	1685	1476	229	27	5	2	0	0	0	0	0
00-00	4861	32.2	27.4	5.9	23	136	528	656	1723	1515	242	30	5	3	0	0	0	0	0
AM Peak																			
11:00	02:00	02:00	05:00	11:00	10:00	11:00	11:00	11:00	11:00	10:00	09:00	00:00	00:00	00:00	00:00	00:00	00:00	00:00	00:00
471	38.3	32.4	7.5	4	12	52	69	188	137	19	4	0	1	0	0	0	0	0	0
PM Peak																			
12:00	22:00	22:00	21:00	12:00	14:00	12:00	12:00	13:00	13:00	12:00	18:00	16:00	14:00	12:00	12:00	12:00	12:00	12:00	12:00
558	34.7	29.8	6.4	5	22	59	102	210	199	25	3	2	1	0	0	0	0	0	0

Monday 19 June 2023																				
Time	Total Volume	85th Percentile	Mean Average	Standard Deviation	5>=10	10>=15	15>=20	20>=25	25>=30	30>=35	35>=40	40>=45	45>=50	50>=55	55>=60	60>=65	65>=70	70>=75	75>=80	
00:00	6	-	29.6	11	0	0	0	2	3	0	0	0	0	1	0	0	0	0	0	
01:00	5	-	25.6	5.2	0	0	1	1	2	1	0	0	0	0	0	0	0	0	0	
02:00	5	-	26.8	5.3	0	0	1	1	0	3	0	0	0	0	0	0	0	0	0	
03:00	4	-	31.2	2	0	0	0	0	1	3	0	0	0	0	0	0	0	0	0	
04:00	16	34.4	29.5	5.5	0	0	2	0	6	6	2	0	0	0	0	0	0	0	0	
05:00	40	33.8	28	6.8	0	1	5	7	10	12	3	2	0	0	0	0	0	0	0	
06:00	135	32.7	26.4	6.6	0	5	23	30	35	30	9	3	0	0	0	0	0	0	0	
07:00	523	29.8	21.2	7.2	31	60	169	102	85	65	9	2	0	0	0	0	0	0	0	
08:00	518	30.2	23.7	6.6	13	45	104	110	159	77	10	0	0	0	0	0	0	0	0	
09:00	381	32.2	26.4	6.9	6	17	53	51	136	99	16	2	0	0	0	0	1	0	0	
10:00	358	31.5	26.7	5.8	6	7	39	56	143	98	8	1	0	0	0	0	0	0	0	
11:00	326	31.5	26.5	6.3	5	12	43	45	116	93	11	1	0	0	0	0	0	0	0	
12:00	399	31.5	26	6.2	5	20	57	61	140	105	10	1	0	0	0	0	0	0	0	
13:00	413	31.8	26.7	6.2	1	25	49	49	159	114	14	1	1	0	0	0	0	0	0	
14:00	421	31.8	25.9	6.3	4	27	52	67	149	104	18	0	0	0	0	0	0	0	0	
15:00	422	31.1	24.7	7.3	22	32	57	54	154	95	8	0	0	0	0	0	0	0	0	
16:00	527	31.3	25.4	8	9	60	60	68	185	131	9	2	0	0	0	0	0	0	3	
17:00	568	31.8	26.2	6.2	5	28	69	100	204	139	22	0	1	0	0	0	0	0	0	
18:00	441	32.4	28.2	5.4	1	5	41	44	167	159	21	2	1	0	0	0	0	0	0	
19:00	252	33.8	28.4	6.4	1	3	27	34	88	69	23	4	3	0	0	0	0	0	0	
20:00	160	33.8	28.8	6	0	3	17	14	45	66	12	3	0	0	0	0	0	0	0	
21:00	120	34.2	28.4	6.8	1	2	14	17	26	44	12	2	2	0	0	0	0	0	0	
22:00	73	32	29.8	6.8	0	0	4	7	25	32	3	0	1	0	0	0	0	1	0	
23:00	44	36.2	31.8	7	0	0	3	1	14	17	4	3	1	1	0	0	0	0	0	
Totals																				
07-19	5297	31.5	25.5	6.8	108	338	793	807	1797	1279	156	12	3	0	0	0	1	0	3	
06-22	5964	31.8	25.8	6.8	110	351	874	902	1991	1488	212	24	8	0	0	0	1	0	3	
06-00	6081	31.8	25.9	6.9	110	351	881	910	2030	1537	219	27	10	1	0	0	1	1	3	
00-00	6157	31.8	25.9	6.9	110	352	890	921	2052	1562	224	29	10	2	0	0	1	1	3	
AM Peak		07:00	04:00	03:00	00:00	07:00	07:00	07:00	08:00	08:00	09:00	09:00	06:00	00:00	00:00	00:00	09:00	00:00	00:00	
		523	34.4	31.2	11	31	60	169	110	159	99	16	3	0	1	0	1	0	0	
PM Peak		17:00	23:00	23:00	16:00	15:00	16:00	17:00	17:00	17:00	18:00	19:00	19:00	19:00	23:00	12:00	12:00	12:00	22:00	16:00
		568	36.2	31.8	8	22	60	69	100	204	159	23	4	3	1	0	0	0	1	3

Tuesday 20 June 2023																			
Time	Total Volume	85th Percentile	Mean Average	Standard Deviation	5>=10	10>=15	15>=20	20>=25	25>=30	30>=35	35>=40	40>=45	45>=50	50>=55	55>=60	60>=65	65>=70	70>=75	75>=80
00:00	12	36.2	31.5	5.9	0	0	1	1	0	7	3	0	0	0	0	0	0	0	0
01:00	11	31.3	30.3	4.8	0	0	0	1	4	5	0	1	0	0	0	0	0	0	0
02:00	6	-	30.1	2.7	0	0	0	0	2	4	0	0	0	0	0	0	0	0	0
03:00	6	-	33.4	3.2	0	0	0	0	0	5	1	0	0	0	0	0	0	0	0
04:00	12	35.8	32.2	8	0	0	1	1	2	3	4	0	0	1	0	0	0	0	0
05:00	55	36.7	29.4	7.9	0	2	2	14	9	15	10	1	2	0	0	0	0	0	0
06:00	142	32.7	26.8	6.9	2	4	21	29	35	37	10	4	0	0	0	0	0	0	0
07:00	546	28.6	20.5	6.7	28	97	148	127	102	41	2	0	0	0	1	0	0	0	0
08:00	513	30	22.5	6.9	17	58	133	82	146	71	5	1	0	0	0	0	0	0	0
09:00	417	31.8	26.1	6.9	8	20	63	54	147	100	21	4	0	0	0	0	0	0	0
10:00	317	32.2	27.8	5.5	2	5	25	40	140	93	5	6	1	0	0	0	0	0	0
11:00	363	31.5	26.5	6.3	4	12	54	40	133	108	8	3	1	0	0	0	0	0	0
12:00	472	30.9	25.5	6.1	4	24	82	68	177	110	6	1	0	0	0	0	0	0	0
13:00	348	32	26.8	6.2	3	13	40	54	119	100	18	1	0	0	0	0	0	0	0
14:00	412	31.8	27	6	5	16	38	44	163	136	9	1	0	0	0	0	0	0	0
15:00	533	30.6	25.4	6.2	9	30	79	83	203	120	8	0	1	0	0	0	0	0	0
16:00	555	30.9	25	6.4	12	40	82	94	190	132	5	0	0	0	0	0	0	0	0
17:00	620	31.3	25.4	6.4	6	39	90	117	201	148	18	1	0	0	0	0	0	0	0
18:00	416	31.8	27.3	5.5	0	11	42	57	173	118	12	1	2	0	0	0	0	0	0
19:00	280	32	26.9	6.4	0	11	39	38	108	64	13	4	3	0	0	0	0	0	0
20:00	249	32.2	27.5	6.4	0	14	27	24	86	84	11	2	0	1	0	0	0	0	0
21:00	130	33.6	29.2	5.7	0	1	8	16	43	49	9	3	0	1	0	0	0	0	0
22:00	87	33.6	28.7	5.8	0	1	9	8	30	32	6	0	1	0	0	0	0	0	0
23:00	38	37.6	29.4	7.2	0	0	5	5	13	5	8	2	0	0	0	0	0	0	0
Totals																			
07-19	5512	31.1	25.2	6.6	98	365	876	860	1894	1277	117	19	5	0	1	0	0	0	0
06-22	6313	31.3	25.5	6.6	100	395	971	967	2166	1511	160	32	8	2	1	0	0	0	0
06-00	6438	31.3	25.6	6.7	100	396	985	980	2209	1548	174	34	9	2	1	0	0	0	0
00-00	6540	31.3	25.6	6.7	100	398	989	997	2226	1587	192	36	11	3	1	0	0	0	0
AM Peak		07:00	05:00	03:00	04:00	07:00	07:00	07:00	07:00	09:00	11:00	09:00	10:00	05:00	04:00	07:00	00:00	00:00	00:00
		546	36.7	33.4	8	28	97	148	127	147	108	21	6	2	1	1	0	0	0
PM Peak		17:00	23:00	23:00	23:00	16:00	16:00	17:00	17:00	15:00	17:00	13:00	19:00	19:00	20:00	12:00	12:00	12:00	12:00
		620	37.6	29.4	7.2	12	40	90	117	203	148	18	4	3	1	0	0	0	0



Wednesday 21 June 2023																			
Time	Total Volume	85th Percentile	Mean Average	Standard Deviation	5>=10	10>=15	15>=20	20>=25	25>=30	30>=35	35>=40	40>=45	45>=50	50>=55	55>=60	60>=65	65>=70	70>=75	75>=80
00:00	18	38.3	34.1	6.5	0	0	0	0	5	7	4	1	0	1	0	0	0	0	0
01:00	13	32.2	30.4	4.4	0	0	1	0	4	6	2	0	0	0	0	0	0	0	0
02:00	9	-	31.8	3.3	0	0	0	0	3	4	2	0	0	0	0	0	0	0	0
03:00	4	-	31.4	11.2	0	0	0	2	0	1	0	0	1	0	0	0	0	0	0
04:00	16	34.7	28.9	5.8	0	0	2	1	5	7	1	0	0	0	0	0	0	0	0
05:00	50	35.6	28.3	7	0	1	9	4	15	12	7	2	0	0	0	0	0	0	0
06:00	148	32	26.4	7.3	3	6	25	20	49	29	11	4	1	0	0	0	0	0	0
07:00	537	28.4	19.6	7	32	122	159	87	85	47	5	0	0	0	0	0	0	0	0
08:00	511	30.4	23.5	7	14	59	94	103	148	81	11	1	0	0	0	0	0	0	0
09:00	375	31.1	25.5	6.5	3	26	58	62	127	84	13	2	0	0	0	0	0	0	0
10:00	363	31.3	26.3	6.4	3	24	50	38	127	108	11	2	0	0	0	0	0	0	0
11:00	391	31.8	27.3	5.2	2	6	38	54	181	97	11	2	0	0	0	0	0	0	0
12:00	430	32.2	27	6.4	5	29	40	44	154	141	15	2	0	0	0	0	0	0	0
13:00	359	31.5	25.9	6	1	12	57	58	137	88	5	1	0	0	0	0	0	0	0
14:00	451	32	26.9	5.9	6	16	43	62	181	123	18	2	0	0	0	0	0	0	0
15:00	424	32.2	27.2	6.3	2	22	42	58	153	115	25	6	1	0	0	0	0	0	0
16:00	574	31.1	25.1	6.9	10	49	73	101	170	159	10	1	1	0	0	0	0	0	0
17:00	666	30	24.6	5.9	11	39	105	141	269	94	7	0	0	0	0	0	0	0	0
18:00	468	31.8	27.1	5.8	3	14	46	64	202	120	16	2	0	0	0	1	0	0	0
19:00	321	32.2	26.5	6.4	3	10	43	59	113	71	18	2	2	0	0	0	0	0	0
20:00	207	35.3	29	6.6	2	3	18	27	53	68	31	5	0	0	0	0	0	0	0
21:00	148	34	28.8	6.3	1	5	9	13	54	46	16	3	1	0	0	0	0	0	0
22:00	93	34.9	30.2	6.1	0	1	7	7	29	35	9	5	0	0	0	0	0	0	0
23:00	41	34.4	28.7	5.5	0	0	5	3	12	17	4	0	0	0	0	0	0	0	0
Totals																			
07-19	5549	31.3	25.3	6.7	92	418	805	872	1934	1257	147	21	2	0	0	1	0	0	0
06-22	6373	31.5	25.6	6.7	101	442	900	991	2203	1471	223	35	6	0	0	1	0	0	0
06-00	6507	31.5	25.7	6.7	101	443	912	1001	2244	1523	236	40	6	0	0	1	0	0	0
00-00	6617	31.5	25.7	6.8	101	444	924	1008	2276	1560	252	43	7	1	0	1	0	0	0
AM Peak																			
07:00	00:00	00:00	03:00	07:00	07:00	07:00	07:00	08:00	11:00	10:00	09:00	06:00	03:00	00:00	00:00	00:00	00:00	00:00	00:00
537	38.3	34.1	11.2	32	122	159	103	181	108	13	4	1	1	0	0	0	0	0	0
PM Peak																			
17:00	20:00	22:00	16:00	17:00	16:00	17:00	17:00	17:00	16:00	20:00	15:00	19:00	12:00	12:00	18:00	12:00	12:00	12:00	12:00
666	35.3	30.2	6.9	11	49	105	141	269	159	31	6	2	0	0	1	0	0	0	0

Site : **2: A581 Southport Road, Leyland**

Combined Direction traffic Volumes	Time Periods		Weekday Average	7 Day Average
	24hr		13163.8	12379.6

Direction Traffic Data	Direction 1 Eastbound		Direction 2 Westbound	
	Weekday Average	7 Day Average	Weekday Average	7 Day Average
Traffic Volume				
24 hr Day	6527.6	6124.7	6636.2	6254.9

Vehicle Speed	Weekday	7 Day	Weekday	7 Day
85 percentile speed(mph)	31.68	31.9	31.58	31.8
Average Speed (mph)	26.5	26.8	25.8	26.2

Vehicle Speed	Weekday Average		7 Day Average		Weekday Average		7 Day Average	
	Number	Percentage	Number	Percentage	Number	Percentage	Number	Percentage
Vehicles Travelling Under 20mph	1308.2	20.0	1165.1	19.0	1476.2	22.2	1289.7	20.6
Vehicles Travelling between 20mph - 30mph	3231.2	49.5	3006.4	49.1	3267.8	49.2	3067.9	49.0
Vehicles Travelling between 30mph - 40mph	1940.8	29.7	1905.6	31.1	1840.6	27.7	1846.4	29.5
Vehicles Travelling between 40mph - 50mph	44.4	0.7	43.6	0.7	45.8	0.7	45.7	0.7
Vehicles Travelling between 50mph - 60mph	2.2	0.0	3.1	0.1	4.4	0.1	4.1	0.1
Vehicles exceeding 60mph	0.8	0.0	0.9	0.0	1.4	0.0	1.0	0.0
<b>Total</b>	<b>6527.6</b>	<b>-</b>	<b>6124.7</b>	<b>-</b>	<b>6636.2</b>	<b>100.0</b>	<b>6254.9</b>	<b>-</b>

Vehicle Classes	Weekday Average		7 Day Average		Weekday Average		7 Day Average	
	Number	Percentage	Number	Percentage	Number	Percentage	Number	Percentage
MC	65.2	1.0	62.1	1.0	75.8	1.2	75.0	1.2
Car	4935.0	76.1	4693.1	77.2	4918.4	74.8	4686.1	75.8
LGV	1132.2	17.5	1042.6	17.1	1252.2	19.1	1159.0	18.7
HGV	314.6	4.9	253.6	4.2	292.4	4.4	239.3	3.9
PSV	37.2	0.6	29.1	0.5	33.0	0.5	25.4	0.4
<b>Total</b>	<b>6484.2</b>	<b>-</b>	<b>6080.6</b>	<b>-</b>	<b>6571.8</b>	<b>-</b>	<b>6184.9</b>	<b>-</b>



# The strategic road network

## Planning for the future

A guide to working with Highways England  
on planning matters



## Capacity enhancement (planning applications)

108. Where the overall forecast demand in the opening year of the development can be safely accommodated by the existing infrastructure, capacity enhancement will not be sought.
109. Capacity enhancement measures on the SRN will only be considered after the travel plan has been incorporated in the development proposal. While capacity enhancements should normally be addressed at the plan making stage, such measures may be considered at the time when individual planning applications are submitted, subject to the over-riding principle that delivery of the adopted local plan proposals should not be compromised.
110. Where insufficient capacity will be available to provide for overall forecast demand in the development's opening year, the impact of the development would need to be mitigated to ensure that, at that time, the SRN is able to accommodate existing and development specific traffic. Such works can take place on the SRN or on the adjacent local road network, and both options should be explored, and the impact on and relationship with both networks should be considered.
111. Where a development is to be brought forward in phases, any needs for related works on the SRN will be assessed at the point at which the final phase of development is completed. However it may be necessary or appropriate to implement some transport measures in line with the opening of certain phases of development according to the impacts generated at key stages of the development; such measures may be identified through sensitivity tests.
112. The measures proposed must be sufficient to accommodate or offset the impact of development on the SRN and on its surroundings. Support will be given to appropriate mitigation measures that are fully funded by the development promoter.
113. Where we do not consider the proposed transport measures adequate to support the scale of the development proposed we will explain this to the promoter and/or LPA and work to explore alternative options and establish an agreed position. In circumstances where there remain several impacts that are considered severe we may recommend that the application is not approved until sufficient future assessment has been carried out in order to assess the cumulative impact of these, allowing a more definitive recommendation. In exceptional cases we may recommend that planning permission is refused.
114. **Scheme promoters should not assume that a departure from standard will be acceptable.** This information will need to satisfy our appropriate operational and technical teams who will be required to agree to the principle of any necessary departures from standards before the application can be granted. Full approval for departures from standard can only be given following the completion of detailed design.
115. Where physical changes to the SRN are proposed in order to support a planning application a road safety audit (stage 1) and non-motorised user assessment is required before planning permission is granted, carried out in accordance with the standard current at the time. Pre-application engagement with us is particularly important in this situation.
116. Measures to address development impact upon the SRN will normally be delivered by means of a funding agreement between the developer(s) and ourselves, such as a section 278 agreement. See the following chapter for more information on funding.



Institute of Environmental Management  
and Assessment (IEMA) Guidelines:

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# Environmental Assessment of Traffic and Movement



## Determining the appropriate scope of an assessment

### Geographic extent (spatial scope)

- 2.13 An important prerequisite of the environmental assessment is to determine the geographical boundaries of the assessment (the 'study area'). This is not an easy task, as projects tend to give rise to different levels of traffic growth and composition and vary in the geographical extent of their traffic and impact. Early engagement with relevant stakeholders is recommended to benefit from local knowledge and understand key sensitivities.
- 2.14 Judgements will inevitably be required to define the geographical boundaries of the environmental assessment. Such judgements will tend to be based on a combination of experience and assumptions that should be made explicit in the EIA/non-statutory environmental assessment reporting.
- 2.15 On occasion, there may be particularly sensitive environmental or population receptors in the vicinity of a development not immediately apparent to the traffic and movement expert (such as inclusion of a designated site for nature conservation), the impact of development traffic on which may need to be considered in order to demonstrate the effects of a development. Therefore, it is recommended that the traffic study area is discussed and agreed with the wider EIA team as early as possible in the assessment process to avoid any omissions and additional work at later stages.
- 2.16 Following the determination of a study area, it is recommended the competent traffic and movement expert applies two broad rules of thumb as criteria to assist in delimiting the scale and extent of the environmental assessment:

**Rule 1 Include highway links where traffic flows will increase by more than 30% (or the number of heavy goods vehicles will increase by more than 30%)**

**Rule 2 Include highway links of high sensitivity where traffic flows have increased by 10% or more**

2.17 It should be noted that the Rule 1 and Rule 2 'criteria' process may not be appropriate for some impacts, and it is generally accepted by regulators and practitioners that it should not be applied to assessments of **air quality, noise, road safety and driver delay**. For these impacts, a separate study area and assessment criteria should be agreed with the relevant stakeholders. See data requirements below and Section 4 for factor specific advice.

### Rule 1

- 2.18 Traffic forecasting is not an exact science, and the accuracy of projections is open to debate. It is generally accepted that accuracies greater than 10% are not achievable. It should also be noted that the day-to-day variation of traffic on a road is frequently at least + or -10%. At a basic level, it should therefore be assumed that projected changes in traffic of less than 10% create no discernible environmental impact. The cumulative effect of a number of developments attracting less than 10% of additional traffic may need to be assessed at a broader strategic or policy level.
- 2.19 Previous research has identified that the most discernible environmental and population impacts of traffic are noise, severance, pedestrian delay and intimidation (Hedges, 1978). At low flows, increases in traffic of around 30% can double the delay experienced by pedestrians attempting to cross a road. Whether this is significant in absolute terms requires further assessment. Severance and intimidation are, however, much more sensitive to traffic flow and the Department for Transport, historically, has assumed that 30%, 60% and 90% changes in traffic levels should be considered as 'slight', 'moderate' and 'substantial' impacts respectively.







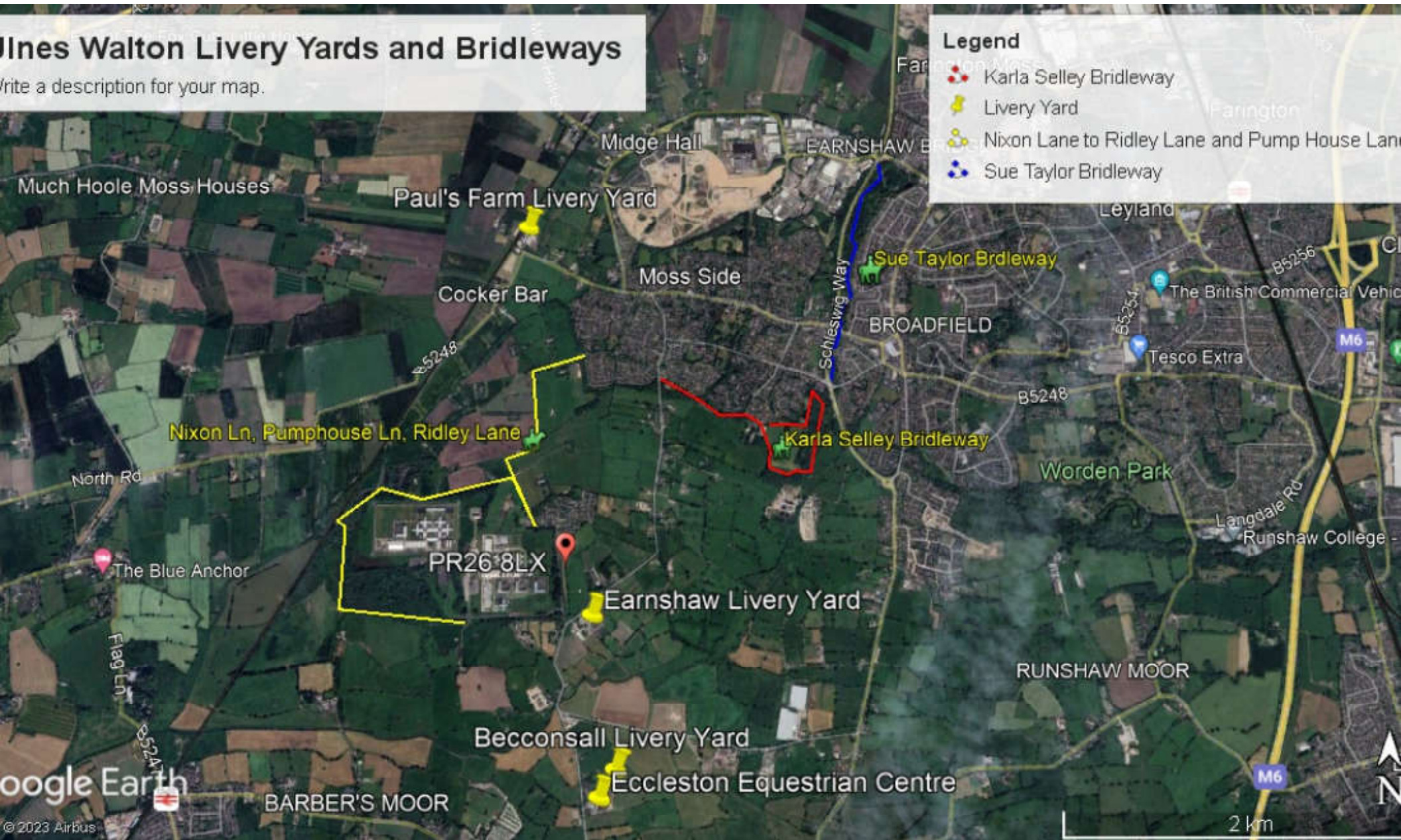


# Lines Walton Livery Yards and Bridleways

Write a description for your map.

## Legend

-  Karla Selley Bridleway
-  Livery Yard
-  Nixon Lane to Ridley Lane and Pump House Lane
-  Sue Taylor Bridleway





[Home](#) > [The Highway Code, road safety and vehicle rules](#)

# The Highway Code

From:

**Department for Transport** (</government/organisations/department-for-transport>)

Published

1 October 2015

Updated:

27 July 2022, [see all updates](#)

## Contents

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### **Using the road (159 to 203)**

Rules for using the road, including general rules, overtaking, road junctions, roundabouts, pedestrian crossings and reversing.

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### **General rules (rules 159 to 161)**

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### **Overtaking (rules 162 to 169)**

#### **Rule 162**

**Before overtaking** you should make sure

- the road is sufficiently clear ahead
- road users are not beginning to overtake you
- there is a suitable gap in front of the road user you plan to overtake.

#### **Rule 163**

## **Overtake only** when it is safe and legal to do so. You should

- not get too close to the vehicle you intend to overtake
- use your mirrors, signal when it is safe to do so, take a quick sideways glance if necessary into the blind spot area and then start to move out
- not assume that you can simply follow a vehicle ahead which is overtaking; there may only be enough room for one vehicle
- move quickly past the vehicle you are overtaking, once you have started to overtake. Allow plenty of room. Move back to the left as soon as you can but do not cut in
- take extra care at night and in poor visibility when it is harder to judge speed and distance
- give way to oncoming vehicles before passing parked vehicles or other obstructions on your side of the road
- only overtake on the left if the vehicle in front is signalling to turn right, and there is room to do so
- stay in your lane if traffic is moving slowly in queues. If the queue on your right is moving more slowly than you are, you may pass on the left. Cyclists may pass slower moving or stationary traffic on their right or left and should proceed with caution as the driver may not be able to see you. Be careful about doing so, particularly on the approach to junctions, and especially when deciding whether it is safe to pass lorries or other large vehicles.
- give motorcyclists, cyclists and horse riders and horse drawn vehicles at least as much room as you would when overtaking a car (see [Rules 211 to 215](#)). As a guide:
  - leave at least 1.5 metres when overtaking cyclists at speeds of up to 30mph, and give them more space when overtaking at higher speeds
  - pass horse riders and horse-drawn vehicles at speeds under 10 mph and allow at least 2 metres of space
  - allow at least 2 metres of space and keep to a low speed when passing a pedestrian who is walking in the road (for example, where there is no pavement)
  - take extra care and give more space when overtaking motorcyclists, cyclists, horse riders, horse drawn vehicles and pedestrians in bad weather (including high winds) and at night
  - you should wait behind the motorcyclist, cyclist, horse rider, horse drawn vehicle or pedestrian and not overtake if it is unsafe or not possible to meet these clearances.

## **Remember: Mirrors – Signal – Manoeuvre**



## **1. TRAFFIC FLOWS TO BE USED FOR TRAFFIC IMPACT ASSESSMENT**

- 1.1. In order to provide robust Baseline traffic flows to be compared with the 2027 Baseline traffic figures used in the Appellant's Additional Evidence, the UWAG surveyed figures (at **Appendix 1** of my evidence) need to be adjusted for traffic growth generally between 2023 and 2027, and then adding traffic from "Committed Developments" in the area which may give rise to additional traffic on the network.

## **2. GROWTH**

- 2.1. The Department for Transport has produced datasets which allow future traffic growth to be estimated using its TEMPRO software program. The TEMPRO adjustment for the years 2023 to 2027 (the baseline year used by the Appellant) for the Chorley District in + 1.0344 in the AM peak and 1.0337 in the PM peak.
- 2.2. On this basis the UWAG survey figures need to be "growthed" by a factor of 1.034 to inform a 2027 baseline figure.

## **3. COMMITTED DEVELOPMENT**

- 3.1. There are a number of developments in the area which have been permitted, but not yet been fully implemented, and which will result in additional traffic on Ulnes Walton Lane. These include a development of 5 dwellings at the Ecclestone Equestrian Centre (Chorley planning Ref. 20/00816), and a further 5 dwellings at Roecroft Farmhouse (Chorley Planning Ref. 22/00509). These developments will result in about 6 (two-way) vehicle movements in each of the peak hour periods and around 60 daily (two-way) vehicle movements along Ulnes Walton Lane.
- 3.2. However, the committed development which will have the greatest impact on Ulnes Walton Lane is a major development of more than 900 dwellings, and over 28,000m<sup>2</sup> of employment floor space at the former Leyland Test Track (South Ribble Planning Ref. 07/2017/3361 ORM)- which is approximately 1m north of the Prison site
- 3.3. The Transport Assessment which supported that application identified that 8% of the residential traffic, and 9.8% of the employment traffic, generated by this development will use School Lane (as the northern end of Ulnes Walton Lane is known).
- 3.4. From the Assessment (extracts from which are at Annex A of this note) it can be calculated that the AM peak residential traffic arrivals at the Test Track site (i.e., northbound along Ulnes Walton Lane) amounts to 8% of 133 vehicles (11 vehicles), whilst the number of departures (i.e., southbound) amounts to 8% of 412 vehicles (33 vehicles). The employment traffic amounts to 9.8% of 137 vehicles (13 vehicles) northbound and 9.8% of 80 vehicles (8 vehicles) southbound. The total northbound traffic in the AM peak is therefore 24 vehicles and in the southbound direction is 41 vehicles which results in a two-way peak hour flow of 65 vehicles
- 3.5. The corresponding flows in the PM peak amount to 30 vehicles northbound and 26 vehicles southbound - a two-way flow of 56 vehicles.
- 3.6. At the A581/Ulnes Walton Lane junction I have assumed that these additional flows are distributed east and west along the A581 in the same proportion as the prison development traffic – ie approximately 33% west and 67% east
- 3.7. Typically, peak hour flows are around 10% of daily flows and, accordingly, the total daily traffic generated by the Test Track Development is therefore likely to be in the order of 600 vehicles two-way. This is an increase of almost 17% on the existing (2023) surveyed flows along Ulnes Walton Lane (or 20% on the 2021 surveyed flow used by the Appellant). It should be noted that these figures are vehicles, and if they are to be used in the assessment of the operation of any junctions, will need to be converted to PCUs

3.8. Given the relatively limited possible number of “origins and destinations” for any Test Track development traffic along Ulnes Walton Lane it would be reasonable to assume that the majority of these vehicles will pass through both the Moss Lane and the A581 junctions.

**4. REVISED 2027 BASELINE FLOWS**

4.1. The UWAG survey provides weekday average classified traffic flows along Ulnes Walton Lane (Site 1 of the survey) from which can be calculated 2027 Baseline PCU figures and compared with the Appellants Baseline figures (at Table 6.4 of the Additional Evidence) as follows: -

**UWAG 2023 Survey Ulnes Walton Lane**

	<b>VEHICLES (2023 survey)</b>	<b>PCU's</b>	<b>GROWTH (1.034%) PCUs</b>	<b>COMMITTED DEVELOPME NT</b>	<b>TOTAL PCUS (2027)</b>	<b>APPELLANT PCUS (From Table 6.4)</b>
Two Way Daily	3384					
AM Peak Northbound	304	308	318	24	342	332 (246+86)
AM Peak Southbound	106	109	113	41	154	95 (72+23)
PM Peak Northbound	132	136	141	30	171	132 (109+23)
PM Peak Southbound	167	169	175	26	201	214 (120+94)

4.2. It can be seen that the Appellant has, on some approaches, significantly underestimated the 2027 Baseline flows used in the additional analysis.





## Calculation identifying updated traffic flows at Moss Lane junction

		<b>Moss Lane Junction</b>						
		2027 Baseline 07:00-08:00	2027 Baseline + operational traffic 07:00- 08:00	Test Track Traffic (from App 3)	updated 2027 Baseline network peak 07:00-08:00	Operational Traffic 07: 00- 08:00	updated 2027 Baseline peak + operational traffic 07:00- 08:00	
UWL(S)	Moss Lane	246	359	0	246	113	359	
	UWL (N)	86	85	24	110	-1	109	
Moss Lane	UWL (N)	33	42	0	33	9	42	
	UWL (S)	23	35	0	23	12	35	
UWL (N)	UWL (S)	72	71	41	113	-1	112	
	Moss Lane	253	342	0	253	89	342	

(Based on Table 6.4)



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Filename: Ulness Walton Ln\_Moss Lane Jct.j10  
 Path: F:\Workfile\U030\Traffic Modelling  
 Report generation date: 09/08/2023 14:41:20

«Existing - 2027 With Development, AM

- »Junction Network
- »Arms
- »Traffic Demand
- »Origin-Destination Data
- »Vehicle Mix
- »Results

Summary of junction performance

	AM Construction						AM						PM					
	Set ID	Queue (PCU)	Delay (s)	RFC	LOS	Junction Delay (s)	Set ID	Queue (PCU)	Delay (s)	RFC	LOS	Junction Delay (s)	Set ID	Queue (PCU)	Delay (s)	RFC	LOS	Junction Delay (s)
<b>Existing - 2027 Updated Base + Construction</b>																		
Stream B-C	D1	0.1	6.34	0.06	A	332.45							D3	3.1	43.34	0.78	E	30.10
Stream B-A		0.2	26.06	0.15	D		4.1	50.10	0.83	F								
Stream C-AB		105.0	720.24	1.35	F		0.1	6.04	0.06	A								
<b>Existing - 2027 With Development</b>																		
Stream B-C								0.1	6.39	0.07	A	33.92						
Stream B-A						D2	0.1	13.90	0.13	B								
Stream C-AB							10.2	73.62	0.94	F								

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

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

File summary

File Description

Title	Garth Wymott 2
Location	Ulness Walton Lane/Moss Lane
Site number	
Date	25/07/2023
Version	
Status	Existing
Identifier	
Client	
Jobnumber	U030
Enumerator	PFA\paulk
Description	Existing Priority Junction

### Units

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

### Analysis Options

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

### Analysis Set Details

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

### Demand Set Details

ID	Scenario name	Time Period name	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)	Run automatically
D2	2027 With Development	AM	ONE HOUR	06:45	08:15	15	✓

# Existing - 2027 With Development, AM

## Data Errors and Warnings

Severity	Area	Item	Description
Warning	Minor arm visibility to right	Arm B - Minor arm geometry	Visibility to right expected to have two components if the arm has two lanes, or two lanes in a flared section.

## Junction Network

### Junctions

Junction	Name	Junction type	Arm A Direction	Arm B Direction	Arm C Direction	Use circulating lanes	Junction Delay (s)	Junction LOS
2	Moss Lane Junction	T-Junction	Two-way	Two-way	Two-way		33.92	D

### Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	33.92	D

## Arms

### Arms

Arm	Name	Description	Arm type
A	Ulnes Walton Lane (S)		Major
B	Moss Lane		Minor
C	Ulnes Walton Lane (N)		Major

### Major Arm Geometry

Arm	Width of carriageway (m)	Has kerbed central reserve	Has right-turn storage	Visibility for right turn (m)	Blocks?	Blocking queue (PCU)
C	6.70			28.8	✓	0.00

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

### Minor Arm Geometry

Arm	Minor arm type	Width at give-way (m)	Width at 5m (m)	Width at 10m (m)	Width at 15m (m)	Width at 20m (m)	Estimate flare length	Flare length (PCU)	Visibility to left (m)	Visibility to right (m)
B	One lane plus flare	9.40	5.40	4.10	3.30	3.10	✓	1.00	25	40

## Slope / Intercept / Capacity

### Priority Intersection Slopes and Intercepts

Stream	Intercept (PCU/hr)	Slope for A-B	Slope for A-C	Slope for C-A	Slope for C-B
B-A	527	0.093	0.235	0.148	0.336
B-C	712	0.106	0.268	-	-
C-B	591	0.222	0.222	-	-

The slopes and intercepts shown above include custom intercept adjustments only.

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

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

## Traffic Demand

### Demand overview (Traffic)

Arm	Linked arm	Profile type	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
A		ONE HOUR	✓	458	100.000
B		ONE HOUR	✓	77	100.000
C		ONE HOUR	✓	467	100.000

## Origin-Destination Data

### Demand (PCU/hr)

From	To		
	A	B	C
A	0	371	87
B	35	0	42
C	80	387	0

## Vehicle Mix

HV data entry mode	PCU Factor for a HV (PCU)
HV Percentages	2.00

### Heavy Vehicle %

From	To		
	A	B	C
A	0	0	1
B	1	0	2
C	10	0	0

## Results

### Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/hr)	Total Junction Arrivals (PCU)
B-C	0.07	6.39	0.1	A	39	58
B-A	0.13	13.90	0.1	B	32	48
C-AB	0.94	73.62	10.2	F	414	621
C-A					14	21
A-B					340	511
A-C					80	120

### Main Results for each time segment

#### 06:45 - 07:00

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	32	8	653	0.048	31	0.0	0.1	5.902	A
B-A	26	7	379	0.070	26	0.0	0.1	10.303	B
C-AB	327	82	557	0.586	321	0.0	1.5	15.081	C
C-A	25	6			25				
A-B	279	70			279				
A-C	65	16			65				

#### 07:00 - 07:15

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	38	9	640	0.059	38	0.1	0.1	6.091	A
B-A	31	8	348	0.090	31	0.1	0.1	11.475	B
C-AB	401	100	552	0.727	396	1.5	2.6	22.836	C
C-A	19	5			19				
A-B	334	83			334				
A-C	78	20			78				

#### 07:15 - 07:30

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	46	12	622	0.074	46	0.1	0.1	6.380	A
B-A	39	10	307	0.126	38	0.1	0.1	13.537	B
C-AB	510	128	544	0.937	488	2.6	8.2	52.709	F
C-A	4	0.95			4				
A-B	408	102			408				
A-C	96	24			96				

#### 07:30 - 07:45

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	46	12	621	0.074	46	0.1	0.1	6.389	A
B-A	39	10	300	0.128	39	0.1	0.1	13.895	B
C-AB	514	129	547	0.939	506	8.2	10.2	73.624	F
C-A	0.11	0.03			0.11				
A-B	408	102			408				
A-C	96	24			96				

#### 07:45 - 08:00

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	38	9	640	0.059	38	0.1	0.1	6.104	A
B-A	31	8	338	0.093	32	0.1	0.1	11.885	B
C-AB	405	101	556	0.729	433	10.2	3.3	35.080	E
C-A	14	4			14				
A-B	334	83			334				
A-C	78	20			78				



08:00 - 08:15

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	32	8	653	0.048	32	0.1	0.1	5.911	A
B-A	26	7	375	0.070	26	0.1	0.1	10.440	B
C-AB	328	82	558	0.587	335	3.3	1.6	16.817	C
C-A	24	6			24				
A-B	279	70			279				
A-C	65	16			65				



## Calculation identifying traffic flows if AM construction peak flows coincide with AM network peak

### A581/UWL Junction

		2027 Baseline 06:00-07:00	2027 Baseline +Construction 06:00-07:00	Construction Traffic peak 06:00-07:00	2027 Baseline network peak 07:00-08:00	+Construction Traffic combined peak 07:00- 08:00
A581 (W)	UWL	18	117	99	66	165
	A581(S)	193	193	0	442	442
UWL	A581(E)	36	36	0	90	90
	A581(W)	10	10	0	12	12
A581(E)	A581(W)	86	86	0	320	320
	UWL	60	261	201	327	528

(Based on Table 6.8)

### Moss Lane Junction

		2027 Baseline 06:00-07:00	2027 Baseline +Construction 06:00-07:00	Construction Traffic 06:00- 07:00	2027 Baseline network peak 07:00-08:00	2027 Baseline +Construction Traffic combined peak 07:00- 08:00
UWL(S)	Moss Lane	47	346	299	246	545
	UWL (N)	19	19	0	86	86
Moss Lane	UWL (N)	28	28	0	33	33
	UWL (S)	19	19	0	23	23
UWL (N)	UWL (S)	25	25	0	72	72
	Moss Lane	46	281	235	283	518

(Based on Table 6.4)



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Filename: A581\_Ulness Walton Ln MiniRbt.j10  
 Path: F:\Workfile\U030\Traffic Modelling  
 Report generation date: 08/08/2023 15:49:52

«Proposed - 2027 Updated Base + Construction, AM Construction

- »Junction Network
- »Arms
- »Traffic Demand
- »Origin-Destination Data
- »Vehicle Mix
- »Results

Summary of junction performance

	AM						AM Construction					
	Set ID	Queue (PCU)	Delay (s)	RFC	LOS	Junction Delay (s)	Set ID	Queue (PCU)	Delay (s)	RFC	LOS	Junction Delay (s)
Proposed - 2026 Updated with Development												
Arm 1	D1	11.0	67.70	0.95	F	40.13						
Arm 2		0.3	8.48	0.23	A							
Arm 3		5.6	24.87	0.85	C							
Proposed - 2027 Updated Base + Construction												
Arm 1	D2	10.8	64.95	0.94	F	38.47	D3	51.3	301.46	1.15	F	190.42
Arm 2		0.3	9.08	0.23	A			0.2	7.41	0.18	A	
Arm 3		5.1	22.90	0.84	C			39.9	136.39	1.06	F	

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

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

File summary

File Description

Title	Garth Wymott 2
Location	A581/Ulness Walton Lane Mini-Rbt
Site number	
Date	25/07/2023
Version	
Status	Existing
Identifier	
Client	
Jobnumber	U030
Enumerator	PFA\paulk
Description	Proposed Mini-rbt

### Units

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

### Analysis Options

Mini-roundabout model	Vehicle length (m)	Calculate Queue Percentiles	Calculate detailed queueing delay	Show lane queues in feet / metres	Show all PICADY stream intercepts	Calculate residual capacity	RFC Threshold	Average Delay threshold (s)	Queue threshold (PCU)	Use iterations with HCM roundabouts	Max number of iterations for roundabouts
JUNCTIONS 9	5.75						0.85	36.00	20.00		500

### Analysis Set Details

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

### Demand Set Details

ID	Scenario name	Time Period name	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)	Run automatically
D3	2027 Updated Base + Construction	AM Construction	ONE HOUR	05:45	07:15	15	✓

# Proposed - 2027 Updated Base + Construction, AM Construction

## Data Errors and Warnings

Severity	Area	Item	Description
Warning	Mini-roundabout		Mini-roundabout appears to have unbalanced flows and may behave like a priority junction; treat results with caution. See User Guide for details.[Arms 1 and 3 have 93% of the total flow for the roundabout for one or more time segments]

## Junction Network

### Junctions

Junction	Name	Junction type	Use circulating lanes	Arm order	Junction Delay (s)	Junction LOS
1	A581/Ulnes Walton Lane Mini-Rbt	Mini-roundabout		1, 2, 3	190.42	F

### Junction Network

Driving side	Lighting	Road surface	In London	Network delay (s)	Network LOS
Left	Normal/unknown	Normal/unknown		190.42	F

## Arms

### Arms

Arm	Name	Description
1	A581 Southport Road (W)	
2	Ulnes Walton Lane	
3	A581 Southport Road (E)	

### Mini Roundabout Geometry

Arm	Approach road half-width (m)	Minimum approach road half-width (m)	Entry width (m)	Effective flare length (m)	Distance to next arm (m)	Entry corner kerb line distance (m)	Gradient over 50m (%)	Kerbed central island
1	3.25	3.25	3.50	2.3	9.81	7.20	0.0	
2	2.55	2.55	3.25	7.9	9.81	7.36	0.0	
3	3.50	3.50	3.90	2.8	11.74	11.80	0.0	

### Slope / Intercept / Capacity

#### Roundabout Slope and Intercept used in model

Arm	Final slope	Final intercept (PCU/hr)
1	0.607	945
2	0.594	878
3	0.624	1002

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

## Traffic Demand

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

### Demand overview (Traffic)

Arm	Linked arm	Profile type	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
1		ONE HOUR	✓	607	100.000
2		ONE HOUR	✓	102	100.000
3		ONE HOUR	✓	902	100.000

## Origin-Destination Data

### Demand (PCU/hr)

		To		
		1	2	3
From	1	0	165	442
	2	90	0	12
	3	320	582	0

## Vehicle Mix

### Heavy Vehicle Percentages

		To		
		1	2	3
From	1	0	2	6
	2	6	0	9
	3	9	0	0

## Results

### Results Summary for whole modelled period

Arm	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/hr)	Total Junction Arrivals (PCU)
1	1.15	301.46	51.3	F	557	835
2	0.18	7.41	0.2	A	94	140
3	1.06	136.39	39.9	F	828	1242

### Main Results for each time segment

#### 05:45 - 06:00

Arm	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Throughput (exit side) (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
1	457	114	432	683	0.669	449	305	0.0	2.0	15.667	C
2	77	19	327	684	0.112	76	554	0.0	0.1	6.292	A
3	679	170	67	960	0.707	670	336	0.0	2.4	12.380	B

#### 06:00 - 06:15

Arm	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Throughput (exit side) (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
1	546	136	516	632	0.864	533	365	2.0	5.2	34.436	D
2	92	23	388	648	0.142	92	661	0.1	0.2	6.879	A
3	811	203	81	952	0.852	800	399	2.4	5.1	22.849	C



**06:15 - 06:30**

Arm	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Throughput (exit side) (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
1	668	167	590	587	1.139	575	423	5.2	28.6	124.698	F
2	112	28	419	630	0.178	112	746	0.2	0.2	7.391	A
3	993	248	99	941	1.056	915	432	5.1	24.7	72.835	F

**06:30 - 06:45**

Arm	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Throughput (exit side) (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
1	668	167	602	580	1.153	577	430	28.6	51.3	263.969	F
2	112	28	420	629	0.179	112	758	0.2	0.2	7.413	A
3	993	248	99	941	1.056	932	434	24.7	39.9	136.391	F

**06:45 - 07:00**

Arm	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Throughput (exit side) (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
1	546	136	601	580	0.940	569	411	51.3	45.6	301.458	F
2	92	23	414	632	0.145	92	755	0.2	0.2	7.087	A
3	811	203	81	952	0.852	931	425	39.9	9.9	104.871	F

**07:00 - 07:15**

Arm	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Throughput (exit side) (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
1	457	114	457	667	0.685	628	319	45.6	2.8	129.317	F
2	77	19	457	607	0.127	77	628	0.2	0.2	7.225	A
3	679	170	68	960	0.707	708	466	9.9	2.6	16.251	C

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Filename: Ulness Walton Ln\_Moss Lane Jct.j10  
 Path: F:\Workfile\U030\Traffic Modelling\SS  
 Report generation date: 08/08/2023 15:45:31

«Existing - 2027 Updated Base + Construction, AM Construction

- »Junction Network
- »Arms
- »Traffic Demand
- »Origin-Destination Data
- »Vehicle Mix
- »Results

Summary of junction performance

	AM Construction						PM					
	Set ID	Queue (PCU)	Delay (s)	RFC	LOS	Junction Delay (s)	Set ID	Queue (PCU)	Delay (s)	RFC	LOS	Junction Delay (s)
Existing - 2027 Updated Base + Construction												
Stream B-C	D1	0.1	6.34	0.06	A	332.45	D2	3.1	43.34	0.78	E	30.10
Stream B-A		0.2	26.06	0.15	D			4.1	50.10	0.83	F	
Stream C-AB		105.0	720.24	1.35	F			0.1	6.04	0.06	A	

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

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

File summary

File Description

<b>Title</b>	Garth Wymott 2
<b>Location</b>	Ulness Walton Lane/Moss Lane
<b>Site number</b>	
<b>Date</b>	25/07/2023
<b>Version</b>	
<b>Status</b>	Existing
<b>Identifier</b>	
<b>Client</b>	
<b>Jobnumber</b>	U030
<b>Enumerator</b>	PFA\paulk
<b>Description</b>	Existing Priority Junction

Units

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

### Analysis Options

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

### Analysis Set Details

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

### Demand Set Details

ID	Scenario name	Time Period name	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)	Run automatically
D1	2027 Updated Base + Construction	AM Construction	ONE HOUR	05:45	07:15	15	✓

# Existing - 2027 Updated Base + Construction, AM Construction

## Data Errors and Warnings

Severity	Area	Item	Description
Warning	Minor arm visibility to right	Arm B - Minor arm geometry	Visibility to right expected to have two components if the arm has two lanes, or two lanes in a flared section.

## Junction Network

### Junctions

Junction	Name	Junction type	Arm A Direction	Arm B Direction	Arm C Direction	Use circulating lanes	Junction Delay (s)	Junction LOS
2	Moss Lane Junction	T-Junction	Two-way	Two-way	Two-way		332.45	F

### Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	332.45	F

## Arms

### Arms

Arm	Name	Description	Arm type
A	Ulnes Walton Lane (S)		Major
B	Moss Lane		Minor
C	Ulnes Walton Lane (N)		Major

### Major Arm Geometry

Arm	Width of carriageway (m)	Has kerbed central reserve	Has right-turn storage	Visibility for right turn (m)	Blocks?	Blocking queue (PCU)
C	6.70			28.8	✓	0.00

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

### Minor Arm Geometry

Arm	Minor arm type	Width at give-way (m)	Width at 5m (m)	Width at 10m (m)	Width at 15m (m)	Width at 20m (m)	Estimate flare length	Flare length (PCU)	Visibility to left (m)	Visibility to right (m)
B	One lane plus flare	9.40	5.40	4.10	3.30	3.10	✓	1.00	25	40

## Slope / Intercept / Capacity

### Priority Intersection Slopes and Intercepts

Stream	Intercept (PCU/hr)	Slope for A-B	Slope for A-C	Slope for C-A	Slope for C-B
B-A	521	0.092	0.233	0.146	0.332
B-C	720	0.107	0.270	-	-
C-B	591	0.222	0.222	-	-

The slopes and intercepts shown above include custom intercept adjustments only.

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

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

## Traffic Demand

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

### Demand overview (Traffic)

Arm	Linked arm	Profile type	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
A		ONE HOUR	✓	631	100.000
B		ONE HOUR	✓	56	100.000
C		ONE HOUR	✓	590	100.000

## Origin-Destination Data

### Demand (PCU/hr)

	To			
	A	B	C	
From	A	0	545	86
	B	23	0	33
	C	72	518	0

## Vehicle Mix

### Heavy Vehicle Percentages

	To			
	A	B	C	
From	A	0	0	7
	B	6	0	0
	C	5	0	0

## Results

### Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/hr)	Total Junction Arrivals (PCU)
B-C	0.06	6.34	0.1	A	30	45
B-A	0.15	26.06	0.2	D	21	32
C-AB	1.35	720.24	105.0	F	540	810
C-A					2	2
A-B					500	750
A-C					79	118

### Main Results for each time segment

#### 05:45 - 06:00

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	25	6	650	0.038	25	0.0	0.0	5.756	A
B-A	17	4	331	0.052	17	0.0	0.1	12.160	B
C-AB	435	109	525	0.829	418	0.0	4.2	30.728	D
C-A	9	2			9				
A-B	410	103			410				
A-C	65	16			65				

#### 06:00 - 06:15

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	30	7	635	0.047	30	0.0	0.0	5.951	A
B-A	21	5	289	0.072	21	0.1	0.1	14.233	B
C-AB	530	133	511	1.038	487	4.2	15.1	89.673	F
C-A	0	0			0				
A-B	490	122			490				
A-C	77	19			77				

#### 06:15 - 06:30

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	36	9	611	0.059	36	0.0	0.1	6.262	A
B-A	25	6	224	0.113	25	0.1	0.1	19.162	C
C-AB	650	162	481	1.351	479	15.1	57.7	289.844	F
C-A	0	0			0				
A-B	600	150			600				
A-C	95	24			95				

#### 06:30 - 06:45

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	36	9	604	0.060	36	0.1	0.1	6.339	A
B-A	25	6	171	0.148	25	0.1	0.2	26.064	D
C-AB	650	162	481	1.351	481	57.7	99.9	588.776	F
C-A	0	0			0				
A-B	600	150			600				
A-C	95	24			95				

#### 06:45 - 07:00

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	30	7	624	0.048	30	0.1	0.1	6.056	A
B-A	21	5	170	0.121	21	0.2	0.2	25.551	D
C-AB	530	133	511	1.038	510	99.9	105.0	720.240	F
C-A	0	0			0				
A-B	490	122			490				
A-C	77	19			77				

07:00 - 07:15

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	25	6	643	0.039	25	0.1	0.0	5.828	A
B-A	17	4	201	0.086	18	0.2	0.1	20.820	C
C-AB	444	111	533	0.834	527	105.0	84.2	646.348	F
C-A	0	0			0				
A-B	410	103			410				
A-C	65	16			65				