Land East of Coventry Road

Cubbington, Warwickshire

Site Access and development impact appraisal

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1.0 Introduction

1.1 Following the recent hearing sessions regarding the proposed site allocations and omission sites in Cubbington (15th November 2016), it was agreed a technical note would be provided regarding the achievable visibility splays to and from the site access. This was due to the primary reason for Warwickshire County Council's (WCC) as local highway authority (LHA) concerns regarding the proposed allocation stating:

Speed Limits:
The speed limit along Coventry Road is 60mph until the junction of the sites and then becomes 30mph.
Visibility Splays:
"Y" distance of 215 metres cannot be achieved to the right due to overgrown vegetation and carriageway alignment. "Y" distance of 70 metres can be achieved to the left of the access point.
Conclusion:
Access into the site cannot be achieved due to the "Y" distance not being achieved and a speed survey would need to be submitted to support any request to consider a reduced "Y" distance.

1.2 Since this assessment was undertaken by WCC the 60mph speed limit has been reduced to 50mph. Furthermore, the 215m 'y' distance was based on DMRB standards which are for trunk roads and not rural roads like the Coventry Road.

1.3 It was agreed during the hearing session that a speed survey would be undertaken and a plan provided showing the required splays.

1.4 This report concludes that the visibility splays based on the recorded vehicle speeds can be accommodated with land either dedicated as public highway or under the control of the land owner/ developer.

1.5 Furthermore, the inspector questioned whether the cumulative impact of H26 and the development site had been considered. This report considers that issue and

concludes the site can be developed together with Site H26 without detriment to the functioning of Coventry Road or to highway safety.

2.0 Speed Survey

2.1 An automatic traffic count (ATC) survey was carried out on the Coventry Road approximately 70m north of the equestrian centre access. The count was on site between the 17th November and 23rd November 2016, with the weather being dry for the majority of the survey period. The survey data is attached as **Appendix A**.

2.2 **Table 1** below summarises the recorded data.

Table 1 – Coventry Road Traffic Count Data

Direction	Total Vehicles	Weekday Ave.	AM Peak Count	PM Peak Count	Average 85th%ile (mph)	Mean Speed (mph)
Northbound	4869	786	106	69	48.4	41.2
Southbound	5525	897	87	118	47.2	40.2

2.3 The results show that Coventry Road is lightly trafficked with less than 2,000 vehicles a day travelling along it. There are approximately 200 vehicles travelling passed the site frontage during the morning and evening weekday peak periods.

3.0 Site Access Visibility Splays

3.1 Due to the Coventry Road not being trunk road and a typical semi-rural road, the appropriate guidance for calculating visibility splays is contained within Manual for Streets and Manual for Streets 2.

3.2 Section 10 of MfS2 sets out the calculation and rates that should be used in determining the appropriate stopping sight distance (SSD). Para 10.1.5 presents the formula. See **Figure 1.**

3.3 SSD is the distance drivers need to be able to see ahead and they can stop within from a given speed.

Figure 1 – Calculation for Stopping Sight Distance (SSD)

10.1.5 The basic formula for calculating SSD (in metres) is:

$SSD = vt + v^2/2(d+0.1a)$
where:
v = speed (m/s)
t = driver perception-reaction time (seconds)
d = deceleration (m/s^2)
a = longitudinal gradient (%)
(+ for upgrades and - for downgrades)

3.4 Paragraph 10.1.8 suggests that where combined HGV and bus traffic is less than 5% the HGV/ Bus specific SSD should not need to be assessed. Where this is not specifically considered, the stated absolute minimum deceleration rate of 0.375g is recommended for HGVs and Buses.

3.5 Importantly Table 10.1 states that where speeds are above 60kph the 0.375g is the minimum that should be applied. It also requires the higher reaction time of 2s to be used. See **Figure 2**.

Figure 2 - SSD Criteria

Design Speed	Vehicle Type	Reaction Time	Deceleration Rate	Comments
60kph and below	Light vehicles	1.5s	0.45g	
	HGVs	1.5s	0.375g	See 10.1.9
	Buses	1.5s	0.375g	See 10.1.10
Above 60kph	All vehicles	2s	0.375g (Absolute Min SSD)	As TD 9/93
	All vehicles	2s	0.25g (Desirable Min SSD)	As TD 9/93

Table 10.1: Summary of Recommended SSD Criteria

3.6 Therefore, the desirable minimum SSD and Absolute minimum SSD both use the same reaction times it's only the deceleration rate that changes.

3.7 Given the 0.375g deceleration rate is the minimum necessary for HGV and Buses to stop and the respective volumes of this classification of traffic is far less than 5% on the Coventry Road, the 0.375g deceleration rate is the correct rate to use.

3.8 This would result in visibility splays with 'x' distances of 2.4m and 'y' distances of 94m to the north and 98m to the south. Both of these splays can be comfortably achieved

within the site and the more important northern splay is shown on **Drawing 17380-02**.

3.9 The desirable minimum deceleration rate of 0.25g would increase these distances to 121m and 127m respectively. This is also shown on **Drawing 13780-02** in blue.

3.10 Whilst the desirable splay can be achieved, for the above reasons it is not necessary to apply the more onerous splay given the lack of HGV and Bus traffic. Furthermore, the increase splay would also require the removal of additional areas of vegetation.

3.11 The provision of the greater splay would increase forward visibility for southbound traffic heading into the village, which could increase vehicle speeds adversely affecting highway safety. Therefore, the 94m and 98m splays are proposed.

4.0 Cumulative Impact

4.1 During the hearing session the inspector, whilst acknowledging some work had been carried out in regard to this site's impact, queried whether any cumulative impact assessments had been undertaken to include H25 and H26.

4.2 Due to this work not having been undertaken because the stage of the examination, it was agreed that in the short time between the hearing and site visit some thought would be given to this topic.

4.3 DTA commissioned junction turning counts at the junctions of Coventry Road/ Rugby Road and Coventry Road/ A445 Leamington Road, to enable assessment of the future operation of these junctions to be undertaken to provide this information to the District and County Councils.

4.4 12hr Classified Turning Count Surveys were undertaken on the 22nd November.

4.5 The two proposed allocations of H25 and H26 are for 35 and 65 dwellings respectively. H25 will be served from Rugby Road and H26 from the Coventry Road. There is the potential for the sites to be linked which would enable traffic from H26 to access directly onto the Rugby Road and H25 traffic onto the Coventry Road,

bypassing the Coventry Road/ Rugby Road junction. However, to inform this assessment, H26 is considered to be solely served from Coventry Road, which is a worst case scenario.

4.6 The H25 traffic could generate at worst, 10 AM and 9 PM vehicles through both the Coventry Road/ Leicester Lane and Coventry Road/ Rugby Road junctions. It is clear this quantum of development would have an indiscernible effect on the junction operations. Furthermore, if the link through the two sites was delivered, this level of traffic would be even lower.

4.7 The equestrian centre site on land east of Coventry Road is proposed to serve circa 60 dwellings. Therefore, this could result in 125 additional dwellings served from the Coventry Road.

4.8 The TRICS database has been used to derive the potential per dwelling traffic generation. **Table 2** below summarises the potential traffic generation of the proposed developments with the associated trip rates for each peak hour.

Table 2 - Residential peak hour vehicle trip rates and traffic generation

	AM			PM		
	In	Out	Total	In	Out	Total
Vehicle Trip Rates	0.147	0.398	0.545	0.324	0.171	0.495
The Site's Traffic Gen	9	24	33	19	10	29
H26 Traffic Gen	10	26	36	21	11	32
Total	19	50	69	40	21	61

4.9 **Table 2** above shows that the proposed developments could generate up to 69 trips in the morning peak and 61 in the evening peak. This equates to on average one additional trip per minute. It is considered this level of traffic would be indiscernible to local residents and existing motorists.

4.10 The ATC shows that in the AM peak 55% of traffic travels northbound and in the PM peak 63% from the north. This would equate to 37 vehicles generated by the development travelling to and from the north in the AM and 39 in the PM and whilst traditionally given the modest level of traffic generation it would not be necessary to

assess the offsite impact of the development. However, as this specific topic was raised by the inspector, these assessments have been undertaken.

Junction Assessments

4.11 The two junctions have been assessed using the Picady module of Junctions 9 software. The traffic has been distributed in accordance with the existing junction turning flow proportions.

4.12 Four scenario have been modelled:

2016 Base
2021 Ref
2021 Ref + H26
2021 Ref + H26 + Dev

4.13 To create the 2021 reference case, Tempro 7 was used to derive the appropriate growth factors. The MSOA of Warwick 005 was used. This resulted in an AM and PM peak increase of 7.97%.

4.14 The full outputs of the junction modelling are attached in **Appendix B**.

Coventry Road/ Leicester Lane/ Leamington Road

4.15 The junction was assessed as a left/ right staggered crossroads junction. **Figure 1** below presents the resulting outputs from the modelling assessment.

Figure 3 – Coventry Road/ Leicester Lane/ Leamington Road - PICADY assessment

	AM					PM				
	Q (PCU)	Delay (s)	RFC	LOS	Res Cap	Q (PCU)	Delay (s)	RFC	LOS	Res Cap
	2016 Base									
Stream B-C	0.0	6.82	0.01	A		0.0	5.57	0.00	A	
Stream B-AD	0.4	17.55	0.28	C		0.2	12.18	0.18	B	
Stream A-BCD	3.4	8.78	0.62	A		0.3	4.82	0.12	A	
Stream A-B										
Stream A-C					15 %					23 %
Stream D-A	0.1	6.87	0.13	A	[Stream A-BCD]	0.5	10.04	0.33	B	[Stream D-BC]
Stream D-BC	0.3	16.62	0.22	C		0.6	16.80	0.36	C	
Stream C-ABD	0.0	4.56	0.01	A		0.0	4.32	0.01	A	
Stream C-D										
Stream C-A										
	2021 Ref									
Stream B-C	0.0	7.37	0.02	A		0.0	5.76	0.00	A	
Stream B-AD	0.5	21.10	0.34	C		0.3	13.41	0.21	B	
Stream A-BCD	6.2	13.41	0.76	B		0.3	4.79	0.14	A	
Stream A-B										
Stream A-C					6 %					14 %
Stream D-A	0.2	7.27	0.15	A	[Stream A-BCD]	0.6	11.66	0.38	B	[Stream D-BC]
Stream D-BC	0.4	19.89	0.26	C		0.7	20.38	0.43	C	
Stream C-ABD	0.0	4.50	0.01	A		0.0	4.25	0.01	A	
Stream C-D										
Stream C-A										
	2021 Ref + H26									
Stream B-C	0.0	7.74	0.02	A		0.0	5.81	0.00	A	
Stream B-AD	0.6	23.29	0.40	C		0.3	13.73	0.22	B	
Stream A-BCD	6.5	13.95	0.76	B		0.3	4.78	0.14	A	
Stream A-B										
Stream A-C					6 %					11 %
Stream D-A	0.2	7.39	0.15	A	[Stream A-BCD]	0.6	12.32	0.39	B	[Stream D-BC]
Stream D-BC	0.4	20.41	0.28	C		0.8	21.68	0.46	C	
Stream C-ABD	0.0	4.51	0.01	A		0.0	4.27	0.01	A	
Stream C-D										
Stream C-A										
	2021 Ref + H26 + Dev									
Stream B-C	0.0	8.16	0.02	A		0.0	5.86	0.00	A	
Stream B-AD	0.8	25.57	0.45	D		0.3	14.06	0.24	B	
Stream A-BCD	6.8	14.48	0.77	B		0.3	4.78	0.14	A	
Stream A-B										
Stream A-C					5 %					9 %
Stream D-A	0.2	7.49	0.15	A	[Stream A-BCD]	0.7	13.18	0.41	B	[Stream D-BC]
Stream D-BC	0.4	20.89	0.29	C		1.0	23.39	0.50	C	
Stream C-ABD	0.0	4.51	0.01	A		0.0	4.28	0.01	A	
Stream C-D										
Stream C-A										

A – Leamington Road / B – Coventry Road S / C – Leicester Road / D – Coventry Road N

4.16 As can be seen, the junction currently operates with minimal queuing and delay for all scenarios. The greatest impact is due to future year growth. Furthermore, there would be an element of double counting because future growth would include either one or both of the sites.

Coventry Road/ Rugby Road/ Church Lane

4.17 The junction was assessed as a crossroads junction. **Figure 2** below presents the resulting outputs from the modelling assessment.

Figure 4 – Coventry Road/ Rugby Road/ Church Lane – PICADY assessment

	AM					PM				
	Q (PCU)	Delay (s)	RFC	LOS	Res Cap	Q (PCU)	Delay (s)	RFC	LOS	Res Cap
	2016 Base									
Stream B-CD	0.2	8.17	0.16	A		0.1	7.09	0.11	A	
Stream B-AD	0.1	9.58	0.10	A		0.1	8.62	0.08	A	
Stream A-BCD	0.0	4.97	0.03	A		0.0	5.50	0.01	A	
Stream A-B										
Stream A-C					112 %					118 %
Stream D-AB	0.1	8.78	0.09	A	[Stream D-BC]	0.1	8.68	0.10	A	[Stream D-BC]
Stream D-BC	0.3	10.35	0.21	B		0.3	10.13	0.23	B	
Stream C-ABD	0.2	5.59	0.12	A		0.1	4.97	0.07	A	
Stream C-D										
Stream C-A										
	2021 Ref									
Stream B-CD	0.2	8.48	0.18	A		0.1	7.25	0.12	A	
Stream B-AD	0.1	9.93	0.11	A		0.1	8.83	0.08	A	
Stream A-BCD	0.0	4.94	0.03	A		0.0	5.50	0.01	A	
Stream A-B										
Stream A-C					97 %					103 %
Stream D-AB	0.1	9.15	0.10	A	[Stream D-BC]	0.1	9.01	0.11	A	[Stream D-BC]
Stream D-BC	0.3	10.87	0.23	B		0.3	10.60	0.25	B	
Stream C-ABD	0.2	5.63	0.13	A		0.1	4.94	0.08	A	
Stream C-D										
Stream C-A										
	2021 Ref + H26									
Stream B-CD	0.2	8.56	0.18	A		0.1	7.37	0.13	A	
Stream B-AD	0.1	9.99	0.11	A		0.1	8.89	0.09	A	
Stream A-BCD	0.0	4.94	0.03	A		0.0	5.52	0.01	A	
Stream A-B										
Stream A-C					88 %					96 %
Stream D-AB	0.1	9.34	0.11	A	[Stream D-BC]	0.1	9.13	0.12	A	[Stream D-BC]
Stream D-BC	0.3	11.22	0.25	B		0.4	10.83	0.26	B	
Stream C-ABD	0.2	5.62	0.13	A		0.1	4.93	0.08	A	
Stream C-D										
Stream C-A										
	2021 Ref + H26 + Dev									
Stream B-CD	0.2	8.63	0.19	A		0.2	7.46	0.13	A	
Stream B-AD	0.1	10.06	0.12	B		0.1	8.94	0.09	A	
Stream A-BCD	0.0	4.95	0.03	A		0.0	5.53	0.01	A	
Stream A-B										
Stream A-C					81 %					91 %
Stream D-AB	0.1	9.57	0.12	A	[Stream D-BC]	0.1	9.26	0.13	A	[Stream D-BC]
Stream D-BC	0.4	11.54	0.27	B		0.4	11.02	0.27	B	
Stream C-ABD	0.2	5.61	0.13	A		0.1	4.92	0.08	A	
Stream C-D										
Stream C-A										

A – Rugby Road E / B – Church Lane / C – Rugby Road W / D – Coventry Road

4.18 The junction operates with minimal queuing and delay in all scenarios. The impact of H26 and the proposed development a negligible.

5.0 Conclusions

5.1 It has been demonstrated that the initial concerns of the highway authority have been resolved and full and appropriate visibility splays can be provided to and from the site access in accordance with the recorded 85th percentile speeds of traffic.

5.2 The junctions to the north and south of the site on the Coventry Road have been assessed to understand the current and predicted future operation with general background growth and to ensure the proposed allocation of H26 would not be prejudiced. The results of this exercise demonstrates both junctions will continue to operate well with capacity with the addition of both H26 and the development site.

5.3 Should a planning application be forthcoming on the site, detail discussions would be held with the LHA regarding the merits of extending the 30mph zone to beyond the site with new gateway features as the environment would change for motorists with the building of houses. Whilst this isn't necessary to achieve the required visibility splays, there would be benefits to the wider community to assist in reducing vehicle speeds.

5.4 Overall, there are no highway and transport reasons why this site should not be allocated for future housing.

Drawing 17380-02
Site Access visibility splays

85th Percentile speed 47.2mph
Average speed 40.2mph

MfS Absolute minimum 'y' distance - 94m

MfS Desirable minimum 'y' distance - 121m

Coventry Road

grass

Scrub

Sheds

Caravan

Stable

Shed

Greenhouses

track

driveway

Electricity Sub Station

House

1

3

5

7

patio

Pit

PI04
82.304

PI03
85.503

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JOB TITLE	CLIENT
17380	THE ROSCONN GROUP

DRAWING TITLE

LAND EAST OF COVENTRY ROAD
CUBBINGTON
SITE ACCESS VISIBILITY SPLAYS

SCALE	DRAWN BY	DATE	DRAWING No	REVISION
1:500@A3	DN	NOV 16	17380–02	

Appendix A
ATC data

21027		CUBBINGTON NOVEMBER 2016								
Site	**Location**	**Direction**	**Start Date**	**End Date**	**Posted Speed Limit (PSL)**	**Total Vehicles**	**5 Day Ave.**	**7 Day Ave.**	**Average 85%ile Speed**	**Average Mean Speed**
Site No: 21027001	Coventry Road, Cubbington (TG Pole) SP 34227 68975	Channel: Northbound	Thu 17-Nov-16	Wed 23-Nov-16	50	4869	786	696	48.4	41.2
		Channel: Southbound	Thu 17-Nov-16	Wed 23-Nov-16		5525	897	789	47.2	40.2

21027	CUBBINGTON	Site No: 21027001	Location	Coventry Road, Cubbington (TG Pole)
Thu 17-Nov-16 to Wed 23-Nov-16		Channel: Northbound		

TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	MOTOR-CYCLES %	CARS	CARS %	LGV	LGV %	HGV	HGV %	BUS	BUS %
Thu 17-Nov-16											
00:00	**2**	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0
01:00	**0**	0	-	0	-	0	-	0	-	0	-
02:00	**1**	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0
03:00	**0**	0	-	0	-	0	-	0	-	0	-
04:00	**2**	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0
05:00	**12**	0	0.0	10	83.3	2	16.7	0	0.0	0	0.0
06:00	**38**	2	5.3	36	94.7	0	0.0	0	0.0	0	0.0
07:00	**79**	4	5.1	71	89.9	4	5.1	0	0.0	0	0.0
08:00	**104**	1	1.0	100	96.2	2	1.9	1	1.0	0	0.0
09:00	**63**	2	3.2	55	87.3	6	9.5	0	0.0	0	0.0
10:00	**34**	1	2.9	25	73.5	6	17.7	2	5.9	0	0.0
11:00	**46**	0	0.0	44	95.7	2	4.4	0	0.0	0	0.0
12:00	**46**	0	0.0	42	91.3	4	8.7	0	0.0	0	0.0
13:00	**47**	0	0.0	41	87.2	6	12.8	0	0.0	0	0.0
14:00	**47**	1	2.1	41	87.2	5	10.6	0	0.0	0	0.0
15:00	**39**	0	0.0	33	84.6	4	10.3	2	5.1	0	0.0
16:00	**51**	1	2.0	44	86.3	6	11.8	0	0.0	0	0.0
17:00	**78**	2	2.6	74	94.9	2	2.6	0	0.0	0	0.0
18:00	**43**	0	0.0	38	88.4	3	7.0	2	4.7	0	0.0
19:00	**29**	0	0.0	27	93.1	2	6.9	0	0.0	0	0.0
20:00	**17**	0	0.0	17	100.0	0	0.0	0	0.0	0	0.0
21:00	**7**	0	0.0	7	100.0	0	0.0	0	0.0	0	0.0
22:00	**5**	0	0.0	5	100.0	0	0.0	0	0.0	0	0.0
23:00	**13**	0	0.0	13	100.0	0	0.0	0	0.0	0	0.0
12H,7-19	**677**	**12**	**1.8**	**608**	**89.8**	**50**	**7.4**	**7**	**1.0**	**0**	**0.0**
16H,6-22	**768**	**14**	**1.8**	**695**	**90.5**	**52**	**6.8**	**7**	**0.9**	**0**	**0.0**
18H,6-24	**786**	**14**	**1.8**	**713**	**90.7**	**52**	**6.6**	**7**	**0.9**	**0**	**0.0**
24H,0-24	**803**	**14**	**1.7**	**728**	**90.7**	**54**	**6.7**	**7**	**0.9**	**0**	**0.0**
Fri 18-Nov-16											
00:00	**1**	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0
01:00	**1**	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0

21027	CUBBINGTON	Site No: 21027001	Location	Coventry Road, Cubbington (TG Pole)
Thu 17-Nov-16 to Wed 23-Nov-16		Channel: Northbound		

TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	MOTOR-CYCLES %	CARS	CARS %	LGV	LGV %	HGV	HGV %	BUS	BUS %
02:00	**1**	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0
03:00	**0**	0	-	0	-	0	-	0	-	0	-
04:00	**3**	0	0.0	3	100.0	0	0.0	0	0.0	0	0.0
05:00	**9**	0	0.0	8	88.9	1	11.1	0	0.0	0	0.0
06:00	**32**	2	6.3	27	84.4	2	6.3	1	3.1	0	0.0
07:00	**72**	3	4.2	62	86.1	6	8.3	1	1.4	0	0.0
08:00	**111**	2	1.8	95	85.6	13	11.7	1	0.9	0	0.0
09:00	**69**	3	4.4	62	89.9	4	5.8	0	0.0	0	0.0
10:00	**57**	0	0.0	47	82.5	9	15.8	1	1.8	0	0.0
11:00	**40**	1	2.5	36	90.0	3	7.5	0	0.0	0	0.0
12:00	**65**	0	0.0	60	92.3	4	6.2	1	1.5	0	0.0
13:00	**51**	0	0.0	46	90.2	3	5.9	2	3.9	0	0.0
14:00	**52**	4	7.7	45	86.5	3	5.8	0	0.0	0	0.0
15:00	**54**	1	1.9	49	90.7	4	7.4	0	0.0	0	0.0
16:00	**60**	1	1.7	54	90.0	5	8.3	0	0.0	0	0.0
17:00	**52**	1	1.9	47	90.4	4	7.7	0	0.0	0	0.0
18:00	**42**	0	0.0	40	95.2	2	4.8	0	0.0	0	0.0
19:00	**20**	0	0.0	20	100.0	0	0.0	0	0.0	0	0.0
20:00	**21**	0	0.0	20	95.2	1	4.8	0	0.0	0	0.0
21:00	**14**	0	0.0	14	100.0	0	0.0	0	0.0	0	0.0
22:00	**5**	0	0.0	5	100.0	0	0.0	0	0.0	0	0.0
23:00	**10**	1	10.0	9	90.0	0	0.0	0	0.0	0	0.0
12H,7-19	**725**	**16**	**2.2**	**643**	**88.7**	**60**	**8.3**	**6**	**0.8**	**0**	**0.0**
16H,6-22	**812**	**18**	**2.2**	**724**	**89.2**	**63**	**7.8**	**7**	**0.9**	**0**	**0.0**
18H,6-24	**827**	**19**	**2.3**	**738**	**89.2**	**63**	**7.6**	**7**	**0.9**	**0**	**0.0**
24H,0-24	**842**	**19**	**2.3**	**752**	**89.3**	**64**	**7.6**	**7**	**0.8**	**0**	**0.0**
Sat 19-Nov-16											
00:00	**3**	0	0.0	3	100.0	0	0.0	0	0.0	0	0.0
01:00	**1**	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0
02:00	**2**	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0
03:00	**1**	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0
04:00	**0**	0	-	0	-	0	-	0	-	0	-

21027	CUBBINGTON	Site No: 21027001	Location	Coventry Road, Cubbington (TG Pole)
Thu 17-Nov-16 to Wed 23-Nov-16		Channel: Northbound		

TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	MOTOR-CYCLES %	CARS	CARS %	LGV	LGV %	HGV	HGV %	BUS	BUS %
05:00	**5**	0	0.0	4	80.0	1	20.0	0	0.0	0	0.0
06:00	**10**	0	0.0	10	100.0	0	0.0	0	0.0	0	0.0
07:00	**10**	0	0.0	10	100.0	0	0.0	0	0.0	0	0.0
08:00	**41**	0	0.0	39	95.1	2	4.9	0	0.0	0	0.0
09:00	**41**	0	0.0	37	90.2	4	9.8	0	0.0	0	0.0
10:00	**40**	1	2.5	34	85.0	5	12.5	0	0.0	0	0.0
11:00	**39**	0	0.0	35	89.7	4	10.3	0	0.0	0	0.0
12:00	**48**	0	0.0	45	93.8	3	6.3	0	0.0	0	0.0
13:00	**50**	1	2.0	46	92.0	2	4.0	1	2.0	0	0.0
14:00	**41**	2	4.9	37	90.2	2	4.9	0	0.0	0	0.0
15:00	**30**	1	3.3	28	93.3	1	3.3	0	0.0	0	0.0
16:00	**22**	1	4.6	21	95.5	0	0.0	0	0.0	0	0.0
17:00	**27**	0	0.0	24	88.9	3	11.1	0	0.0	0	0.0
18:00	**38**	1	2.6	37	97.4	0	0.0	0	0.0	0	0.0
19:00	**22**	0	0.0	22	100.0	0	0.0	0	0.0	0	0.0
20:00	**11**	0	0.0	10	90.9	1	9.1	0	0.0	0	0.0
21:00	**4**	0	0.0	4	100.0	0	0.0	0	0.0	0	0.0
22:00	**8**	0	0.0	7	87.5	1	12.5	0	0.0	0	0.0
23:00	**9**	1	11.1	8	88.9	0	0.0	0	0.0	0	0.0
12H,7-19	**427**	**7**	**1.6**	**393**	**92.0**	**26**	**6.1**	**1**	**0.2**	**0**	**0.0**
16H,6-22	**474**	**7**	**1.5**	**439**	**92.6**	**27**	**5.7**	**1**	**0.2**	**0**	**0.0**
18H,6-24	**491**	**8**	**1.6**	**454**	**92.5**	**28**	**5.7**	**1**	**0.2**	**0**	**0.0**
24H,0-24	**503**	**8**	**1.6**	**465**	**92.5**	**29**	**5.8**	**1**	**0.2**	**0**	**0.0**
Sun 20-Nov-16											
00:00	**1**	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0
01:00	**2**	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0
02:00	**2**	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0
03:00	**0**	0	-	0	-	0	-	0	-	0	-
04:00	**1**	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0
05:00	**4**	0	0.0	4	100.0	0	0.0	0	0.0	0	0.0
06:00	**6**	0	0.0	6	100.0	0	0.0	0	0.0	0	0.0
07:00	**9**	0	0.0	9	100.0	0	0.0	0	0.0	0	0.0

21027	CUBBINGTON	Site No: 21027001	Location	Coventry Road, Cubbington (TG Pole)
Thu 17-Nov-16 to Wed 23-Nov-16		Channel: Northbound		

TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	MOTOR-CYCLES %	CARS	CARS %	LGV	LGV %	HGV	HGV %	BUS	BUS %
08:00	**12**	0	0.0	11	91.7	1	8.3	0	0.0	0	0.0
09:00	**34**	1	2.9	30	88.2	3	8.8	0	0.0	0	0.0
10:00	**60**	0	0.0	58	96.7	2	3.3	0	0.0	0	0.0
11:00	**38**	1	2.6	36	94.7	1	2.6	0	0.0	0	0.0
12:00	**47**	0	0.0	47	100.0	0	0.0	0	0.0	0	0.0
13:00	**33**	1	3.0	31	93.9	1	3.0	0	0.0	0	0.0
14:00	**33**	2	6.1	29	87.9	1	3.0	1	3.0	0	0.0
15:00	**39**	4	10.3	35	89.7	0	0.0	0	0.0	0	0.0
16:00	**25**	2	8.0	23	92.0	0	0.0	0	0.0	0	0.0
17:00	**33**	0	0.0	31	93.9	1	3.0	1	3.0	0	0.0
18:00	**21**	0	0.0	21	100.0	0	0.0	0	0.0	0	0.0
19:00	**16**	0	0.0	16	100.0	0	0.0	0	0.0	0	0.0
20:00	**6**	0	0.0	5	83.3	1	16.7	0	0.0	0	0.0
21:00	**9**	0	0.0	9	100.0	0	0.0	0	0.0	0	0.0
22:00	**2**	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0
23:00	**2**	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0
12H,7-19	**384**	**11**	**2.9**	**361**	**94.0**	**10**	**2.6**	**2**	**0.5**	**0**	**0.0**
16H,6-22	**421**	**11**	**2.6**	**397**	**94.3**	**11**	**2.6**	**2**	**0.5**	**0**	**0.0**
18H,6-24	**425**	**11**	**2.6**	**401**	**94.4**	**11**	**2.6**	**2**	**0.5**	**0**	**0.0**
24H,0-24	**435**	**11**	**2.5**	**411**	**94.5**	**11**	**2.5**	**2**	**0.5**	**0**	**0.0**
Mon 21-Nov-16											
00:00	**0**	0	-	0	-	0	-	0	-	0	-
01:00	**0**	0	-	0	-	0	-	0	-	0	-
02:00	**0**	0	-	0	-	0	-	0	-	0	-
03:00	**0**	0	-	0	-	0	-	0	-	0	-
04:00	**1**	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0
05:00	**11**	0	0.0	11	100.0	0	0.0	0	0.0	0	0.0
06:00	**35**	1	2.9	32	91.4	2	5.7	0	0.0	0	0.0
07:00	**67**	3	4.5	60	89.6	4	6.0	0	0.0	0	0.0
08:00	**94**	1	1.1	88	93.6	5	5.3	0	0.0	0	0.0
09:00	**48**	2	4.2	42	87.5	2	4.2	2	4.2	0	0.0
10:00	**34**	0	0.0	32	94.1	2	5.9	0	0.0	0	0.0

21027	CUBBINGTON	Site No: 21027001	Location	Coventry Road, Cubbington (TG Pole)
Thu 17-Nov-16 to Wed 23-Nov-16		Channel: Northbound		

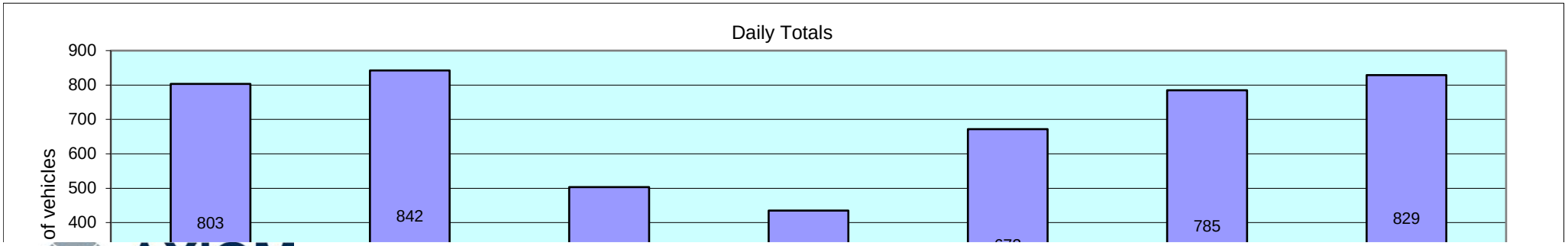
TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	MOTOR-CYCLES %	CARS	CARS %	LGV	LGV %	HGV	HGV %	BUS	BUS %
11:00	**41**	0	0.0	38	92.7	2	4.9	1	2.4	0	0.0
12:00	**33**	0	0.0	29	87.9	4	12.1	0	0.0	0	0.0
13:00	**53**	0	0.0	48	90.6	4	7.6	1	1.9	0	0.0
14:00	**28**	0	0.0	24	85.7	4	14.3	0	0.0	0	0.0
15:00	**42**	0	0.0	35	83.3	6	14.3	1	2.4	0	0.0
16:00	**33**	0	0.0	31	93.9	2	6.1	0	0.0	0	0.0
17:00	**60**	1	1.7	57	95.0	2	3.3	0	0.0	0	0.0
18:00	**29**	0	0.0	28	96.6	1	3.5	0	0.0	0	0.0
19:00	**25**	1	4.0	23	92.0	1	4.0	0	0.0	0	0.0
20:00	**16**	1	6.3	13	81.3	2	12.5	0	0.0	0	0.0
21:00	**10**	1	10.0	9	90.0	0	0.0	0	0.0	0	0.0
22:00	**5**	0	0.0	5	100.0	0	0.0	0	0.0	0	0.0
23:00	**7**	0	0.0	7	100.0	0	0.0	0	0.0	0	0.0
12H,7-19	**562**	**7**	**1.3**	**512**	**91.1**	**38**	**6.8**	**5**	**0.9**	**0**	**0.0**
16H,6-22	**648**	**11**	**1.7**	**589**	**90.9**	**43**	**6.6**	**5**	**0.8**	**0**	**0.0**
18H,6-24	**660**	**11**	**1.7**	**601**	**91.1**	**43**	**6.5**	**5**	**0.8**	**0**	**0.0**
24H,0-24	**672**	**11**	**1.6**	**613**	**91.2**	**43**	**6.4**	**5**	**0.7**	**0**	**0.0**
Tue 22-Nov-16											
00:00	**0**	0	-	0	-	0	-	0	-	0	-
01:00	**1**	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0
02:00	**0**	0	-	0	-	0	-	0	-	0	-
03:00	**0**	0	-	0	-	0	-	0	-	0	-
04:00	**3**	0	0.0	3	100.0	0	0.0	0	0.0	0	0.0
05:00	**14**	0	0.0	11	78.6	3	21.4	0	0.0	0	0.0
06:00	**44**	1	2.3	42	95.5	1	2.3	0	0.0	0	0.0
07:00	**63**	7	11.1	54	85.7	2	3.2	0	0.0	0	0.0
08:00	**110**	3	2.7	99	90.0	8	7.3	0	0.0	0	0.0
09:00	**65**	2	3.1	58	89.2	3	4.6	2	3.1	0	0.0
10:00	**29**	0	0.0	27	93.1	1	3.5	1	3.5	0	0.0
11:00	**56**	2	3.6	47	83.9	4	7.1	3	5.4	0	0.0
12:00	**56**	0	0.0	45	80.4	9	16.1	2	3.6	0	0.0
13:00	**52**	0	0.0	47	90.4	4	7.7	1	1.9	0	0.0

21027	CUBBINGTON	Site No: 21027001	Location	Coventry Road, Cubbington (TG Pole)
Thu 17-Nov-16 to Wed 23-Nov-16		Channel: Northbound		

TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	MOTOR-CYCLES %	CARS	CARS %	LGV	LGV %	HGV	HGV %	BUS	BUS %
14:00	**33**	0	0.0	27	81.8	6	18.2	0	0.0	0	0.0
15:00	**32**	0	0.0	29	90.6	3	9.4	0	0.0	0	0.0
16:00	**58**	0	0.0	54	93.1	3	5.2	1	1.7	0	0.0
17:00	**72**	1	1.4	67	93.1	4	5.6	0	0.0	0	0.0
18:00	**34**	0	0.0	32	94.1	2	5.9	0	0.0	0	0.0
19:00	**21**	0	0.0	19	90.5	2	9.5	0	0.0	0	0.0
20:00	**13**	0	0.0	13	100.0	0	0.0	0	0.0	0	0.0
21:00	**9**	0	0.0	9	100.0	0	0.0	0	0.0	0	0.0
22:00	**11**	1	9.1	10	90.9	0	0.0	0	0.0	0	0.0
23:00	**9**	0	0.0	9	100.0	0	0.0	0	0.0	0	0.0
12H,7-19	**660**	**15**	**2.3**	**586**	**88.8**	**49**	**7.4**	**10**	**1.5**	**0**	**0.0**
16H,6-22	**747**	**16**	**2.1**	**669**	**89.6**	**52**	**7.0**	**10**	**1.3**	**0**	**0.0**
18H,6-24	**767**	**17**	**2.2**	**688**	**89.7**	**52**	**6.8**	**10**	**1.3**	**0**	**0.0**
24H,0-24	**785**	**17**	**2.2**	**703**	**89.6**	**55**	**7.0**	**10**	**1.3**	**0**	**0.0**
Wed 23-Nov-16											
00:00	**2**	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0
01:00	**0**	0	-	0	-	0	-	0	-	0	-
02:00	**0**	0	-	0	-	0	-	0	-	0	-
03:00	**0**	0	-	0	-	0	-	0	-	0	-
04:00	**2**	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0
05:00	**12**	0	0.0	12	100.0	0	0.0	0	0.0	0	0.0
06:00	**37**	2	5.4	33	89.2	2	5.4	0	0.0	0	0.0
07:00	**82**	5	6.1	72	87.8	5	6.1	0	0.0	0	0.0
08:00	**112**	3	2.7	101	90.2	7	6.3	1	0.9	0	0.0
09:00	**58**	2	3.5	50	86.2	5	8.6	1	1.7	0	0.0
10:00	**49**	0	0.0	42	85.7	6	12.2	1	2.0	0	0.0
11:00	**43**	1	2.3	34	79.1	5	11.6	3	7.0	0	0.0
12:00	**40**	1	2.5	33	82.5	4	10.0	2	5.0	0	0.0
13:00	**48**	0	0.0	44	91.7	2	4.2	2	4.2	0	0.0
14:00	**48**	0	0.0	39	81.3	6	12.5	2	4.2	1	2.1
15:00	**59**	0	0.0	57	96.6	2	3.4	0	0.0	0	0.0
16:00	**48**	1	2.1	43	89.6	4	8.3	0	0.0	0	0.0

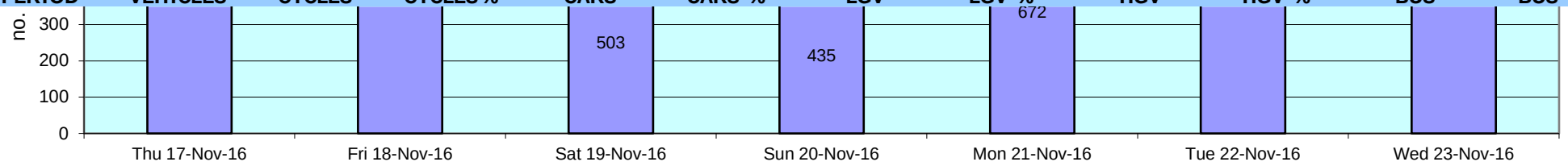
21027	CUBBINGTON	Site No: 21027001	Location	Coventry Road, Cubbington (TG Pole)
Thu 17-Nov-16 to Wed 23-Nov-16		Channel: Northbound		

TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	MOTOR-CYCLES %	CARS	CARS %	LGV	LGV %	HGV	HGV %	BUS	BUS %
17:00	**81**	2	2.5	75	92.6	4	4.9	0	0.0	0	0.0
18:00	**25**	0	0.0	23	92.0	2	8.0	0	0.0	0	0.0
19:00	**39**	0	0.0	37	94.9	2	5.1	0	0.0	0	0.0
20:00	**18**	0	0.0	17	94.4	1	5.6	0	0.0	0	0.0
21:00	**10**	0	0.0	10	100.0	0	0.0	0	0.0	0	0.0
22:00	**7**	2	28.6	5	71.4	0	0.0	0	0.0	0	0.0
23:00	**9**	0	0.0	9	100.0	0	0.0	0	0.0	0	0.0
12H,7-19	**693**	**15**	**2.2**	**613**	**88.5**	**52**	**7.5**	**12**	**1.7**	**1**	**0.1**
16H,6-22	**797**	**17**	**2.1**	**710**	**89.1**	**57**	**7.2**	**12**	**1.5**	**1**	**0.1**
18H,6-24	**813**	**19**	**2.3**	**724**	**89.1**	**57**	**7.0**	**12**	**1.5**	**1**	**0.1**
24H,0-24	**829**	**19**	**2.3**	**740**	**89.3**	**57**	**6.9**	**12**	**1.5**	**1**	**0.1**
Daily Totals											
Thu 17-Nov-16	**803**	14	1.7	728	90.7	54	6.7	7	0.9	0	0.0
Fri 18-Nov-16	**842**	19	2.3	752	89.3	64	7.6	7	0.8	0	0.0
Sat 19-Nov-16	**503**	8	1.6	465	92.5	29	5.8	1	0.2	0	0.0
Sun 20-Nov-16	**435**	11	2.5	411	94.5	11	2.5	2	0.5	0	0.0
Mon 21-Nov-16	**672**	11	1.6	613	91.2	43	6.4	5	0.7	0	0.0
Tue 22-Nov-16	**785**	17	2.2	703	89.6	55	7.0	10	1.3	0	0.0
Wed 23-Nov-16	**829**	19	2.3	740	89.3	57	6.9	12	1.5	1	0.1
Total Vehicles											
[--]	**4869**	99	2.0	4412	91.0	313	6.1	44	0.8	1	0.0



21027	CUBBINGTON	Site No: 21027001	Location	Coventry Road, Cubbington (TG Pole)
Thu 17-Nov-16 to Wed 23-Nov-16		Channel: Northbound		

TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	MOTOR-CYCLES %	CARS	CARS %	LGV	LGV %	HGV	HGV %	BUS	BUS %



21027			CUBBINGTON				Site No: 21027001				Location	Coventry Road, Cubbington (TG Pole)					
Thu 17-Nov-16 to Wed 23-Nov-16							Channel: Northbound										
Time Period	Total Vehicles	85%ile Speed	Mean Speed	Stand Dev.	<11Mph	11-<21	21-<31	31-<36	36-<41	41-<46	46-<51	51-<56	56-<61	61-<66	66-<71	=>71
Thu 17-Nov-16																
00:00	**2**	-	53.5	14.1	0	0	0	0	0	1	0	0	0	1	0	0
01:00	**0**	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
02:00	**1**	-	33.5	-	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
04:00	**2**	-	46	3.5	0	0	0	0	0	1	1	0	0	0	0	0
05:00	**12**	49.5	46	6.7	0	0	0	1	1	4	4	1	1	0	0	0
06:00	**38**	50.4	43.4	7.3	0	0	2	3	8	10	10	5	0	0	0	0
07:00	**79**	49.4	43.3	7.2	0	1	1	6	18	27	20	4	1	0	1	0
08:00	**104**	50.7	45	6.3	0	0	0	7	22	26	35	9	5	0	0	0
09:00	**63**	50.4	42.2	8.2	0	0	6	6	11	23	8	7	2	0	0	0
10:00	**34**	49.7	42.7	8.2	0	0	3	2	7	12	6	3	0	1	0	0
11:00	**46**	47.6	41.3	6.3	0	0	2	5	15	14	8	2	0	0	0	0
12:00	**46**	47.6	41.5	6.1	0	0	0	9	13	14	8	1	1	0	0	0
13:00	**47**	50.3	41.6	7.3	0	0	1	9	15	11	4	6	1	0	0	0
14:00	**47**	44.7	39.6	5.6	0	0	2	8	19	14	3	1	0	0	0	0
15:00	**39**	49.1	41.5	9.2	0	2	1	5	8	11	9	1	2	0	0	0
16:00	**51**	45.8	40.1	6.9	0	0	2	12	17	12	4	3	1	0	0	0
17:00	**78**	45.2	39.6	5.9	0	0	4	12	34	19	7	2	0	0	0	0
18:00	**43**	46	41.2	5.5	0	0	1	5	14	16	6	1	0	0	0	0
19:00	**29**	54.2	45.2	9.8	0	0	0	5	6	7	3	5	1	0	2	0
20:00	**17**	45.9	42.6	5.8	0	0	0	1	6	7	2	0	1	0	0	0
21:00	**7**	-	47.8	8.5	0	0	0	0	2	1	2	0	2	0	0	0
22:00	**5**	-	45.5	5.8	0	0	0	0	1	2	1	1	0	0	0	0
23:00	**13**	49.9	42.7	6.2	0	0	0	1	5	4	1	2	0	0	0	0
12H,7-19	**677**	**49**	**41.9**	**7**	**0**	**3**	**23**	**86**	**193**	**199**	**118**	**40**	**13**	**1**	**1**	**0**
16H,6-22	**768**	**49.3**	**42.2**	**7.2**	**0**	**3**	**25**	**95**	**215**	**224**	**135**	**50**	**17**	**1**	**3**	**0**
18H,6-24	**786**	**49.4**	**42.2**	**7.2**	**0**	**3**	**25**	**96**	**221**	**230**	**137**	**53**	**17**	**1**	**3**	**0**
24H,0-24	**803**	**49.5**	**42.3**	**7.2**	**0**	**3**	**25**	**98**	**222**	**236**	**142**	**54**	**18**	**2**	**3**	**0**
Fri 18-Nov-16																

21027			CUBBINGTON				Site No: 21027001				Location	Coventry Road, Cubbington (TG Pole)					
Thu 17-Nov-16 to Wed 23-Nov-16							Channel: Northbound										
Time Period	Total Vehicles	85%ile Speed	Mean Speed	Stand Dev.	<11Mph	11-<21	21-<31	31-<36	36-<41	41-<46	46-<51	51-<56	56-<61	61-<66	66-<71	=>71
00:00	**1**	-	63.5	-	0	0	0	0	0	0	0	0	0	1	0	0
01:00	**1**	-	53.5	-	0	0	0	0	0	0	0	1	0	0	0	0
02:00	**1**	-	38.5	-	0	0	0	0	1	0	0	0	0	0	0	0
03:00	**0**	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
04:00	**3**	-	45.2	5.9	0	0	0	0	1	0	2	0	0	0	0	0
05:00	**9**	-	44.1	4.2	0	0	0	0	2	4	3	0	0	0	0	0
06:00	**32**	48.1	40.1	9.5	0	2	2	4	6	11	4	3	0	0	0	0
07:00	**72**	50.1	42.9	7.5	0	1	3	5	15	26	13	8	1	0	0	0
08:00	**111**	49.3	42.3	6.7	0	0	4	11	31	36	18	10	1	0	0	0
09:00	**69**	49.7	43.1	8.2	0	2	2	5	10	28	15	3	4	0	0	0
10:00	**57**	48.8	39.8	9	0	3	3	7	20	10	9	5	0	0	0	0
11:00	**40**	50.4	43	8.5	0	1	1	4	9	11	8	4	2	0	0	0
12:00	**65**	50.8	44.3	7.4	0	0	2	4	16	16	17	7	2	1	0	0
13:00	**51**	49.6	42.9	5.9	0	0	0	4	19	12	11	5	0	0	0	0
14:00	**52**	48.6	40.2	8.6	0	1	6	6	13	14	7	5	0	0	0	0
15:00	**54**	49.2	42.6	7	0	0	2	6	14	15	13	2	2	0	0	0
16:00	**60**	46.3	40.3	6	0	0	2	10	24	14	8	2	0	0	0	0
17:00	**52**	48.4	41.4	7.4	0	0	3	8	13	15	10	2	0	1	0	0
18:00	**42**	46.9	40.5	6.3	0	0	2	7	13	12	7	1	0	0	0	0
19:00	**20**	43.5	39.8	5	0	0	0	3	12	3	1	1	0	0	0	0
20:00	**21**	49.9	41.6	8.7	0	0	2	3	5	5	3	2	1	0	0	0
21:00	**14**	44	39.2	4.9	0	0	0	4	5	4	1	0	0	0	0	0
22:00	**5**	-	39.5	8.3	0	0	0	2	2	0	0	1	0	0	0	0
23:00	**10**	46	41.8	8.7	0	0	1	1	2	4	1	0	1	0	0	0
12H,7-19	**725**	**49.5**	**42**	**7.5**	**0**	**8**	**30**	**77**	**197**	**209**	**136**	**54**	**12**	**2**	**0**	**0**
16H,6-22	**812**	**49.4**	**41.8**	**7.5**	**0**	**10**	**34**	**91**	**225**	**232**	**145**	**60**	**13**	**2**	**0**	**0**
18H,6-24	**827**	**49.4**	**41.8**	**7.5**	**0**	**10**	**35**	**94**	**229**	**236**	**146**	**61**	**14**	**2**	**0**	**0**
24H,0-24	**842**	**49.4**	**41.9**	**7.5**	**0**	**10**	**35**	**94**	**233**	**240**	**151**	**62**	**14**	**3**	**0**	**0**
Sat 19-Nov-16																
00:00	**3**	-	50.2	5.9	0	0	0	0	0	1	0	2	0	0	0	0

21027			CUBBINGTON				Site No: 21027001				Location	Coventry Road, Cubbington (TG Pole)					
Thu 17-Nov-16 to Wed 23-Nov-16							Channel: Northbound										
Time Period	Total Vehicles	85%ile Speed	Mean Speed	Stand Dev.	<11Mph	11-<21	21-<31	31-<36	36-<41	41-<46	46-<51	51-<56	56-<61	61-<66	66-<71	=>71
01:00	1	-	48.5	-	0	0	0	0	0	0	1	0	0	0	0	0
02:00	2	-	32.3	8.8	0	0	1	0	1	0	0	0	0	0	0	0
03:00	1	-	38.5	-	0	0	0	0	1	0	0	0	0	0	0	0
04:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
05:00	5	-	42	12.7	0	0	1	1	0	1	1	0	1	0	0	0
06:00	10	48.5	41.5	7.3	0	0	0	3	2	2	2	1	0	0	0	0
07:00	10	51	42	10.6	0	0	2	0	2	3	1	1	1	0	0	0
08:00	41	49.3	43.2	6.1	0	0	1	3	10	13	11	3	0	0	0	0
09:00	41	48.4	41.8	6.9	0	0	0	6	18	8	5	1	3	0	0	0
10:00	40	46.6	40.3	8.5	0	2	1	5	12	13	4	2	1	0	0	0
11:00	39	50.2	44.5	6.3	0	0	0	1	11	14	8	2	3	0	0	0
12:00	48	50.3	42.8	7.1	0	0	0	7	15	14	5	5	1	1	0	0
13:00	50	46.7	40.3	7.2	0	1	2	9	13	16	7	2	0	0	0	0
14:00	41	50.5	43.7	7.2	0	0	1	4	8	15	7	5	0	1	0	0
15:00	30	45.6	40.8	5.7	0	0	2	1	11	12	4	0	0	0	0	0
16:00	22	47.5	41.6	7.7	0	0	1	3	7	6	4	0	0	1	0	0
17:00	27	47.5	39.9	8.8	0	1	2	4	7	7	5	0	1	0	0	0
18:00	38	48.7	41.7	7.6	0	0	2	6	10	10	7	1	2	0	0	0
19:00	22	45.1	41.2	5	0	0	0	3	7	10	1	1	0	0	0	0
20:00	11	50.3	40.8	11.1	0	0	2	1	3	3	0	1	0	1	0	0
21:00	4	-	39.8	4.9	0	0	0	1	1	2	0	0	0	0	0	0
22:00	8	-	43.5	6.7	0	0	0	2	0	2	4	0	0	0	0	0
23:00	9	-	35.7	10.3	0	1	1	2	3	0	2	0	0	0	0	0
12H,7-19	427	49	41.9	7.4	0	4	14	49	124	131	68	22	12	3	0	0
16H,6-22	474	48.8	41.9	7.3	0	4	16	57	137	148	71	25	12	4	0	0
18H,6-24	491	48.8	41.8	7.4	0	5	17	61	140	150	77	25	12	4	0	0
24H,0-24	503	49	41.8	7.5	0	5	19	62	142	152	79	27	13	4	0	0
Sun 20-Nov-16																
00:00	1	-	43.5	-	0	0	0	0	0	1	0	0	0	0	0	0
01:00	2	-	46	10.6	0	0	0	0	1	0	0	1	0	0	0	0

21027			CUBBINGTON				Site No: 21027001			Location	Coventry Road, Cubbington (TG Pole)					
Thu 17-Nov-16 to Wed 23-Nov-16							Channel: Northbound									
Time Period	Total Vehicles	85%ile Speed	Mean Speed	Stand Dev.	<11Mph	11-<21	21-<31	31-<36	36-<41	41-<46	46-<51	51-<56	56-<61	61-<66	66-<71	=>71
02:00	**2**	-	29.8	5.3	0	0	1	1	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	**1**	-	33.5	-	0	0	0	1	0	0	0	0	0	0	0	0
05:00	**4**	-	42.3	6.4	0	0	0	1	0	2	1	0	0	0	0	0
06:00	**6**	-	36	9.4	0	0	2	1	1	1	1	0	0	0	0	0
07:00	**9**	-	42.4	5	0	0	0	1	2	4	2	0	0	0	0	0
08:00	**12**	45.3	40.8	6.8	0	0	1	2	1	6	2	0	0	0	0	0
09:00	**34**	45.8	39.8	7.5	0	0	4	5	8	12	3	2	0	0	0	0
10:00	**60**	50.2	42.6	9.4	0	1	1	10	16	18	5	3	2	3	1	0
11:00	**38**	48.6	42.1	7.3	0	1	1	3	9	12	11	1	0	0	0	0
12:00	**47**	48	43.2	5.3	0	0	0	5	7	25	6	4	0	0	0	0
13:00	**33**	52.3	43.7	8.4	0	1	0	3	7	10	5	6	1	0	0	0
14:00	**33**	49.3	43	6.8	0	0	2	2	6	11	10	2	0	0	0	0
15:00	**39**	52.9	42.8	11.1	0	2	5	1	3	11	8	7	2	0	0	0
16:00	**25**	46.9	41.5	6.6	0	0	2	1	7	10	4	1	0	0	0	0
17:00	**33**	50.3	41.4	10	0	1	3	3	10	6	5	3	1	1	0	0
18:00	**21**	48.9	42.5	6.4	0	0	0	4	4	7	4	2	0	0	0	0
19:00	**16**	44.9	38.8	6.8	0	0	2	2	6	4	2	0	0	0	0	0
20:00	**6**	-	46	7.7	0	0	0	0	2	1	2	0	1	0	0	0
21:00	**9**	-	41	9.9	0	0	1	2	2	1	2	0	1	0	0	0
22:00	**2**	-	56	10.6	0	0	0	0	0	0	1	0	0	1	0	0
23:00	**2**	-	43.5	7.1	0	0	0	0	1	0	1	0	0	0	0	0
12H,7-19	**384**	**49.8**	**42.3**	**8.1**	**0**	**6**	**19**	**40**	**80**	**132**	**65**	**31**	**6**	**4**	**1**	**0**
16H,6-22	**421**	**49.6**	**42.1**	**8.1**	**0**	**6**	**24**	**45**	**91**	**139**	**72**	**31**	**8**	**4**	**1**	**0**
18H,6-24	**425**	**49.7**	**42.2**	**8.2**	**0**	**6**	**24**	**45**	**92**	**139**	**74**	**31**	**8**	**5**	**1**	**0**
24H,0-24	**435**	**49.7**	**42.1**	**8.2**	**0**	**6**	**25**	**48**	**93**	**142**	**75**	**32**	**8**	**5**	**1**	**0**
Mon 21-Nov-16																
00:00	**0**	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
01:00	**0**	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
02:00	**0**	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0

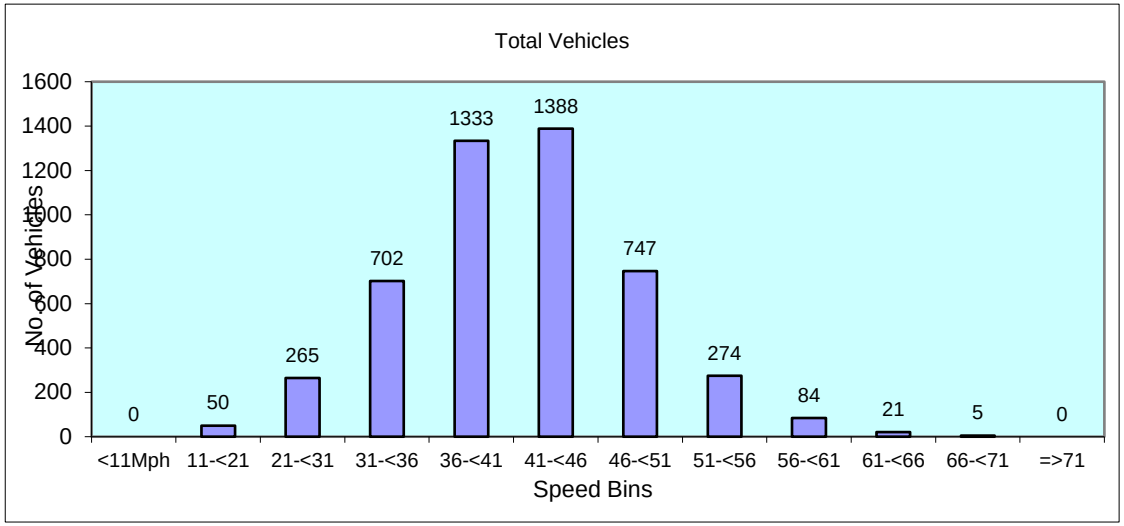
21027			CUBBINGTON				Site No: 21027001				Location	Coventry Road, Cubbington (TG Pole)					
Thu 17-Nov-16 to Wed 23-Nov-16							Channel: Northbound										
Time Period	Total Vehicles	85%ile Speed	Mean Speed	Stand Dev.	<11Mph	11-<21	21-<31	31-<36	36-<41	41-<46	46-<51	51-<56	56-<61	61-<66	66-<71	=>71
03:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
04:00	1	-	38.5	-	0	0	0	0	1	0	0	0	0	0	0	0
05:00	11	45.6	38	8	0	0	2	2	3	2	2	0	0	0	0	0
06:00	35	46.3	41.4	6.7	0	1	0	5	6	17	5	1	0	0	0	0
07:00	67	44.7	38.7	6.6	0	1	5	11	26	18	5	1	0	0	0	0
08:00	94	40.2	35.4	6	0	0	14	40	30	6	2	2	0	0	0	0
09:00	48	45.3	36.3	8.9	0	2	8	14	12	5	4	3	0	0	0	0
10:00	34	41.4	36.2	6	0	0	5	10	13	5	1	0	0	0	0	0
11:00	41	45.5	37.7	8.8	0	0	7	13	8	7	4	0	1	1	0	0
12:00	33	44.6	37.7	6.4	0	0	3	11	10	5	4	0	0	0	0	0
13:00	53	42.5	35.2	6.9	0	1	11	15	14	12	0	0	0	0	0	0
14:00	28	42.6	36.6	5.7	0	0	3	10	8	7	0	0	0	0	0	0
15:00	42	42.6	35.3	6.9	0	0	10	13	10	7	2	0	0	0	0	0
16:00	33	42.8	37.1	5.9	0	0	4	8	13	7	1	0	0	0	0	0
17:00	60	45	37.7	8	0	1	7	19	14	12	2	5	0	0	0	0
18:00	29	45.6	41.3	5.5	0	0	0	4	11	10	2	2	0	0	0	0
19:00	25	44.8	37.8	8.2	0	0	5	4	8	5	1	2	0	0	0	0
20:00	16	46.5	41.9	6.1	0	0	0	2	6	5	1	2	0	0	0	0
21:00	10	44.8	38.5	10.1	0	0	2	3	0	4	0	0	1	0	0	0
22:00	5	-	43.5	7.2	0	0	0	0	3	0	1	1	0	0	0	0
23:00	7	-	49.9	7.5	0	0	0	0	1	1	2	1	2	0	0	0
12H,7-19	562	43.9	36.9	7.1	0	5	77	168	169	101	27	13	1	1	0	0
16H,6-22	648	44.4	37.3	7.2	0	6	84	182	189	132	34	18	2	1	0	0
18H,6-24	660	44.6	37.5	7.4	0	6	84	182	193	133	37	20	4	1	0	0
24H,0-24	672	44.6	37.5	7.4	0	6	86	184	197	135	39	20	4	1	0	0
Tue 22-Nov-16																
00:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
01:00	1	-	58.5	-	0	0	0	0	0	0	0	0	1	0	0	0
02:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
03:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0

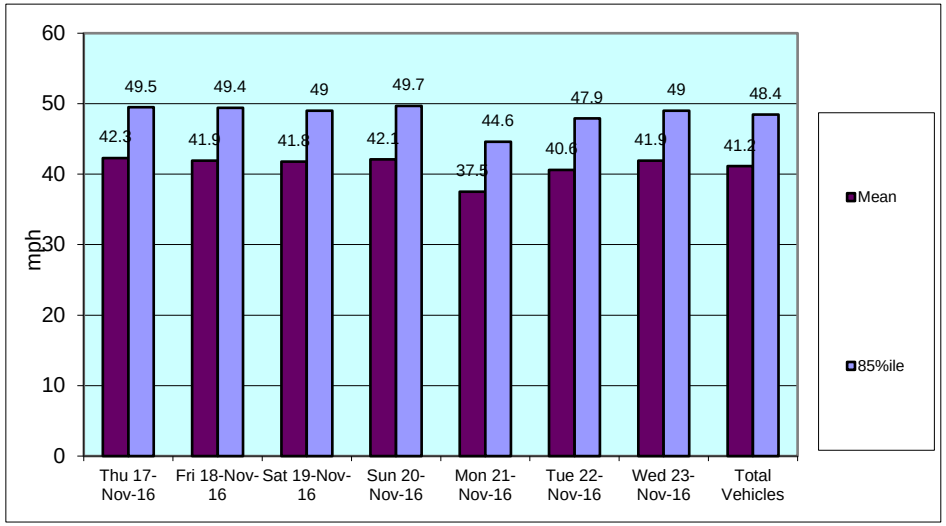
21027			CUBBINGTON				Site No: 21027001				Location	Coventry Road, Cubbington (TG Pole)					
Thu 17-Nov-16 to Wed 23-Nov-16							Channel: Northbound										
Time Period	Total Vehicles	85%ile Speed	Mean Speed	Stand Dev.	<11Mph	11-<21	21-<31	31-<36	36-<41	41-<46	46-<51	51-<56	56-<61	61-<66	66-<71	=>71
04:00	**3**	-	41.8	5.9	0	0	0	0	2	0	1	0	0	0	0	0
05:00	**14**	49	41.5	8	0	0	1	3	2	3	4	1	0	0	0	0
06:00	**44**	50.3	41.9	8.6	0	0	5	5	8	12	8	5	1	0	0	0
07:00	**63**	49.7	42.2	8.1	0	1	5	5	9	25	11	7	0	0	0	0
08:00	**110**	47.6	41.2	7.5	0	3	5	6	33	41	16	5	1	0	0	0
09:00	**65**	48.1	40.9	7.5	0	1	3	8	22	17	9	4	1	0	0	0
10:00	**29**	47	39.7	6	0	0	0	10	8	5	6	0	0	0	0	0
11:00	**56**	44.6	39	6.8	0	2	2	5	28	14	4	1	0	0	0	0
12:00	**56**	48.1	41.8	5.6	0	0	1	3	26	12	12	2	0	0	0	0
13:00	**52**	46.6	40.8	6.5	0	0	2	7	20	14	6	2	1	0	0	0
14:00	**33**	48.6	40.9	7.2	0	0	2	5	11	7	5	3	0	0	0	0
15:00	**32**	47.7	41.1	7.1	0	1	0	3	13	8	5	2	0	0	0	0
16:00	**58**	47.1	41	6.5	0	0	2	9	19	17	8	2	1	0	0	0
17:00	**72**	43.4	36.9	6.4	0	0	7	30	18	12	4	0	1	0	0	0
18:00	**34**	45.5	38.4	7.2	0	1	2	7	13	6	5	0	0	0	0	0
19:00	**21**	44.6	39.6	5.5	0	0	1	3	9	6	2	0	0	0	0	0
20:00	**13**	51.9	43.9	6.7	0	0	0	2	1	7	0	3	0	0	0	0
21:00	**9**	-	39.1	10.8	0	0	2	2	2	0	1	2	0	0	0	0
22:00	**11**	49.1	41.9	10	0	1	0	0	3	3	3	1	0	0	0	0
23:00	**9**	-	47.4	5.1	0	0	0	0	0	4	4	0	1	0	0	0
12H,7-19	**660**	**47.3**	**40.4**	**7.1**	**0**	**9**	**31**	**98**	**220**	**178**	**91**	**28**	**5**	**0**	**0**	**0**
16H,6-22	**747**	**47.6**	**40.5**	**7.2**	**0**	**9**	**39**	**110**	**240**	**203**	**102**	**38**	**6**	**0**	**0**	**0**
18H,6-24	**767**	**47.8**	**40.6**	**7.2**	**0**	**10**	**39**	**110**	**243**	**210**	**109**	**39**	**7**	**0**	**0**	**0**
24H,0-24	**785**	**47.9**	**40.6**	**7.3**	**0**	**10**	**40**	**113**	**247**	**213**	**114**	**40**	**8**	**0**	**0**	**0**
Wed 23-Nov-16																
00:00	**2**	-	51	10.6	0	0	0	0	0	1	0	0	1	0	0	0
01:00	**0**	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
02:00	**0**	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
03:00	**0**	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
04:00	**2**	-	43.5	1.8	0	0	0	0	0	2	0	0	0	0	0	0

21027			CUBBINGTON			Site No: 21027001				Location	Coventry Road, Cubbington (TG Pole)						
Thu 17-Nov-16 to Wed 23-Nov-16						Channel: Northbound											
Time Period	**Total Vehicles**	**85%ile Speed**	**Mean Speed**	**Stand Dev.**	**<11Mph**	**11-<21**	**21-<31**	**31-<36**	**36-<41**	**41-<46**	**46-<51**	**51-<56**	**56-<61**	**61-<66**	**66-<71**	**=>71**
05:00	**12**	49.5	42.3	10.3	0	0	2	1	2	2	3	1	1	0	0	0
06:00	**37**	50.3	43.1	7.9	0	1	1	2	8	12	8	5	0	0	0	0
07:00	**82**	49.5	43.3	7.6	0	1	4	5	10	36	19	4	2	1	0	0
08:00	**112**	49.2	43.5	6.6	0	1	4	5	16	48	32	4	2	0	0	0
09:00	**58**	49.3	42.5	7.8	0	1	2	4	16	18	12	3	1	1	0	0
10:00	**49**	45.8	41.3	5.8	0	0	2	6	11	23	6	1	0	0	0	0
11:00	**43**	47.7	41.3	7.2	0	0	0	12	10	12	6	1	1	1	0	0
12:00	**40**	47.9	42.4	7.5	0	0	3	2	8	19	4	3	0	1	0	0
13:00	**48**	45	39.4	6.6	0	0	3	10	17	13	3	1	1	0	0	0
14:00	**48**	45.6	38.6	7.9	0	2	3	7	21	8	5	2	0	0	0	0
15:00	**59**	45.7	39.2	7.5	0	0	5	16	15	14	6	1	2	0	0	0
16:00	**48**	47.3	40.5	7.1	0	1	0	8	20	9	9	0	0	1	0	0
17:00	**81**	48.5	41.3	7.4	0	1	3	12	22	23	15	3	2	0	0	0
18:00	**25**	47.3	41.7	7.5	0	0	2	2	6	10	3	1	1	0	0	0
19:00	**39**	52.6	45.4	8.5	0	0	0	5	7	10	10	2	3	1	1	0
20:00	**18**	45	42.1	6.7	0	0	0	3	5	7	1	1	1	0	0	0
21:00	**10**	51	39.8	9.3	0	0	1	3	3	0	1	2	0	0	0	0
22:00	**7**	-	38.5	16.3	0	2	0	0	1	1	1	2	0	0	0	0
23:00	**9**	-	48.5	6.2	0	0	0	0	1	2	3	2	1	0	0	0
12H,7-19	**693**	**48.4**	**41.5**	**7.3**	**0**	**7**	**31**	**89**	**172**	**233**	**120**	**24**	**12**	**5**	**0**	**0**
16H,6-22	**797**	**48.7**	**41.8**	**7.5**	**0**	**8**	**33**	**102**	**195**	**262**	**140**	**34**	**16**	**6**	**1**	**0**
18H,6-24	**813**	**48.9**	**41.8**	**7.6**	**0**	**10**	**33**	**102**	**197**	**265**	**144**	**38**	**17**	**6**	**1**	**0**
24H,0-24	**829**	**49**	**41.9**	**7.6**	**0**	**10**	**35**	**103**	**199**	**270**	**147**	**39**	**19**	**6**	**1**	**0**
Daily Totals																
Thu 17-Nov-16	**803**	49.5	42.3	7.2	0	3	25	98	222	236	142	54	18	2	3	0
Fri 18-Nov-16	**842**	49.4	41.9	7.5	0	10	35	94	233	240	151	62	14	3	0	0
Sat 19-Nov-16	**503**	49	41.8	7.5	0	5	19	62	142	152	79	27	13	4	0	0
Sun 20-Nov-16	**435**	49.7	42.1	8.2	0	6	25	48	93	142	75	32	8	5	1	0
Mon 21-Nov-16	**672**	44.6	37.5	7.4	0	6	86	184	197	135	39	20	4	1	0	0
Tue 22-Nov-16	**785**	47.9	40.6	7.3	0	10	40	113	247	213	114	40	8	0	0	0

21027	CUBBINGTON	Site No: 21027001	Location	Coventry Road, Cubbington (TG Pole)
Thu 17-Nov-16 to Wed 23-Nov-16		Channel: Northbound		

Time Period	Total Vehicles	85%ile Speed	Mean Speed	Stand Dev.	<11Mph	11-<21	21-<31	31-<36	36-<41	41-<46	46-<51	51-<56	56-<61	61-<66	66-<71	=>71
Wed 23-Nov-16	**829**	49	41.9	7.6	0	10	35	103	199	270	147	39	19	6	1	0
Total Vehicles																
[--]	**4869**	48.4	41.2	7.5	0	50	265	702	1333	1388	747	274	84	21	5	0

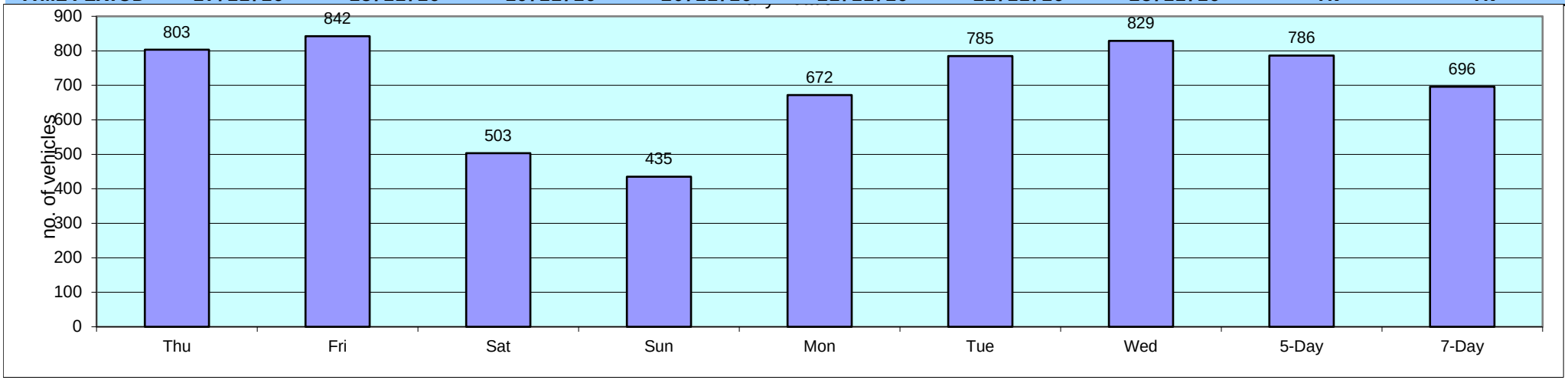




21027		CUBBINGTON		Site No: 21027001 Channel: Northbound		Location	Coventry Road, Cubbington (TG Pole)		
TIME PERIOD	Thu 17/11/16	Fri 18/11/16	Sat 19/11/16	Sun 20/11/16	Mon 21/11/16	Tue 22/11/16	Wed 23/11/16	5-Day Av	7-Day Av
Week Begin: 17-Nov-16									
00:00	**2**	1	3	1	0	0	2	1	1
01:00	**0**	1	1	2	0	1	0	0	1
02:00	**1**	1	2	2	0	0	0	0	1
03:00	**0**	0	1	0	0	0	0	0	0
04:00	**2**	3	0	1	1	3	2	2	2
05:00	**12**	9	5	4	11	14	12	12	10
06:00	**38**	32	10	6	35	44	37	37	29
07:00	**79**	72	10	9	67	63	82	73	55
08:00	**104**	111	41	12	94	110	112	106	83
09:00	**63**	69	41	34	48	65	58	61	54
10:00	**34**	57	40	60	34	29	49	41	43
11:00	**46**	40	39	38	41	56	43	45	43
12:00	**46**	65	48	47	33	56	40	48	48
13:00	**47**	51	50	33	53	52	48	50	48
14:00	**47**	52	41	33	28	33	48	42	40
15:00	**39**	54	30	39	42	32	59	45	42
16:00	**51**	60	22	25	33	58	48	50	42
17:00	**78**	52	27	33	60	72	81	69	58
18:00	**43**	42	38	21	29	34	25	35	33
19:00	**29**	20	22	16	25	21	39	27	25
20:00	**17**	21	11	6	16	13	18	17	15
21:00	**7**	14	4	9	10	9	10	10	9
22:00	**5**	5	8	2	5	11	7	7	6
23:00	**13**	10	9	2	7	9	9	10	8
12H,7-19	**677**	**725**	**427**	**384**	**562**	**660**	**693**	**663**	**590**
16H,6-22	**768**	**812**	**474**	**421**	**648**	**747**	**797**	**754**	**667**
18H,6-24	**786**	**827**	**491**	**425**	**660**	**767**	**813**	**771**	**681**
24H,0-24	**803**	**842**	**503**	**435**	**672**	**785**	**829**	**786**	**696**
Am	**08:00**	**08:00**	**09:00**	**10:00**	**08:00**	**08:00**	**08:00**	**-**	**-**
Peak	**104**	**111**	**41**	**60**	**94**	**110**	**112**	**106**	**90**
Pm	**17:00**	**12:00**	**13:00**	**12:00**	**17:00**	**17:00**	**17:00**	**-**	**-**
Peak	**78**	**65**	**50**	**47**	**60**	**72**	**81**	**71**	**65**

21027	CUBBINGTON	Site No: 21027001	Location	Coventry Road, Cubbington (TG Pole)
		Channel: Northbound		

TIME PERIOD	Thu 17/11/16	Fri 18/11/16	Sat 19/11/16	Sun 20/11/16	Mon 21/11/16	Tue 22/11/16	Wed 23/11/16	5-Day Av	7-Day Av



21027	CUBBINGTON	Site No: 21027001	Location	Coventry Road, Cubbington (TG Pole)
Thu 17-Nov-16 to Wed 23-Nov-16		Channel: Southbound		

TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	MOTOR-CYCLES %	CARS	CARS %	LGV	LGV %	HGV	HGV %	BUS	BUS %
Thu 17-Nov-16											
00:00	**2**	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0
01:00	**4**	0	0.0	4	100.0	0	0.0	0	0.0	0	0.0
02:00	**2**	0	0.0	1	50.0	1	50.0	0	0.0	0	0.0
03:00	**2**	1	50.0	1	50.0	0	0.0	0	0.0	0	0.0
04:00	**2**	0	0.0	1	50.0	1	50.0	0	0.0	0	0.0
05:00	**7**	0	0.0	7	100.0	0	0.0	0	0.0	0	0.0
06:00	**15**	5	33.3	9	60.0	1	6.7	0	0.0	0	0.0
07:00	**50**	0	0.0	43	86.0	6	12.0	1	2.0	0	0.0
08:00	**87**	1	1.2	79	90.8	7	8.1	0	0.0	0	0.0
09:00	**53**	1	1.9	42	79.3	10	18.9	0	0.0	0	0.0
10:00	**50**	1	2.0	43	86.0	6	12.0	0	0.0	0	0.0
11:00	**48**	0	0.0	42	87.5	5	10.4	1	2.1	0	0.0
12:00	**45**	0	0.0	42	93.3	3	6.7	0	0.0	0	0.0
13:00	**56**	0	0.0	52	92.9	3	5.4	1	1.8	0	0.0
14:00	**51**	0	0.0	43	84.3	8	15.7	0	0.0	0	0.0
15:00	**67**	0	0.0	58	86.6	6	9.0	3	4.5	0	0.0
16:00	**93**	5	5.4	84	90.3	3	3.2	1	1.1	0	0.0
17:00	**118**	3	2.5	110	93.2	5	4.2	0	0.0	0	0.0
18:00	**99**	4	4.0	93	93.9	2	2.0	0	0.0	0	0.0
19:00	**50**	2	4.0	46	92.0	2	4.0	0	0.0	0	0.0
20:00	**41**	1	2.4	39	95.1	1	2.4	0	0.0	0	0.0
21:00	**20**	0	0.0	20	100.0	0	0.0	0	0.0	0	0.0
22:00	**19**	0	0.0	17	89.5	2	10.5	0	0.0	0	0.0
23:00	**9**	0	0.0	9	100.0	0	0.0	0	0.0	0	0.0
12H,7-19	**817**	**15**	**1.8**	**731**	**89.5**	**64**	**7.8**	**7**	**0.9**	**0**	**0.0**
16H,6-22	**943**	**23**	**2.4**	**845**	**89.6**	**68**	**7.2**	**7**	**0.7**	**0**	**0.0**
18H,6-24	**971**	**23**	**2.4**	**871**	**89.7**	**70**	**7.2**	**7**	**0.7**	**0**	**0.0**
24H,0-24	**990**	**24**	**2.4**	**887**	**89.6**	**72**	**7.3**	**7**	**0.7**	**0**	**0.0**
Fri 18-Nov-16											
00:00	**1**	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0
01:00	**2**	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0

21027	CUBBINGTON	Site No: 21027001	Location	Coventry Road, Cubbington (TG Pole)
Thu 17-Nov-16 to Wed 23-Nov-16		Channel: Southbound		

TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	MOTOR-CYCLES %	CARS	CARS %	LGV	LGV %	HGV	HGV %	BUS	BUS %
02:00	**2**	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0
03:00	**2**	1	50.0	1	50.0	0	0.0	0	0.0	0	0.0
04:00	**1**	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0
05:00	**10**	0	0.0	10	100.0	0	0.0	0	0.0	0	0.0
06:00	**12**	1	8.3	10	83.3	1	8.3	0	0.0	0	0.0
07:00	**64**	0	0.0	53	82.8	10	15.6	1	1.6	0	0.0
08:00	**97**	3	3.1	84	86.6	10	10.3	0	0.0	0	0.0
09:00	**49**	1	2.0	44	89.8	4	8.2	0	0.0	0	0.0
10:00	**40**	1	2.5	32	80.0	6	15.0	1	2.5	0	0.0
11:00	**45**	1	2.2	41	91.1	3	6.7	0	0.0	0	0.0
12:00	**59**	1	1.7	45	76.3	9	15.3	4	6.8	0	0.0
13:00	**57**	4	7.0	46	80.7	5	8.8	1	1.8	1	1.8
14:00	**62**	0	0.0	59	95.2	2	3.2	1	1.6	0	0.0
15:00	**74**	1	1.4	68	91.9	3	4.1	2	2.7	0	0.0
16:00	**93**	2	2.2	84	90.3	6	6.5	1	1.1	0	0.0
17:00	**108**	4	3.7	99	91.7	5	4.6	0	0.0	0	0.0
18:00	**58**	1	1.7	54	93.1	3	5.2	0	0.0	0	0.0
19:00	**32**	1	3.1	30	93.8	1	3.1	0	0.0	0	0.0
20:00	**16**	0	0.0	15	93.8	1	6.3	0	0.0	0	0.0
21:00	**14**	0	0.0	14	100.0	0	0.0	0	0.0	0	0.0
22:00	**17**	0	0.0	16	94.1	1	5.9	0	0.0	0	0.0
23:00	**13**	0	0.0	12	92.3	1	7.7	0	0.0	0	0.0
12H,7-19	**806**	**19**	**2.4**	**709**	**88.0**	**66**	**8.2**	**11**	**1.4**	**1**	**0.1**
16H,6-22	**880**	**21**	**2.4**	**778**	**88.4**	**69**	**7.8**	**11**	**1.3**	**1**	**0.1**
18H,6-24	**910**	**21**	**2.3**	**806**	**88.6**	**71**	**7.8**	**11**	**1.2**	**1**	**0.1**
24H,0-24	**928**	**22**	**2.4**	**823**	**88.7**	**71**	**7.7**	**11**	**1.2**	**1**	**0.1**
Sat 19-Nov-16											
00:00	**3**	0	0.0	3	100.0	0	0.0	0	0.0	0	0.0
01:00	**2**	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0
02:00	**1**	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0
03:00	**1**	1	100.0	0	0.0	0	0.0	0	0.0	0	0.0
04:00	**1**	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0

21027	CUBBINGTON	Site No: 21027001	Location	Coventry Road, Cubbington (TG Pole)
Thu 17-Nov-16 to Wed 23-Nov-16		Channel: Southbound		

TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	MOTOR-CYCLES %	CARS	CARS %	LGV	LGV %	HGV	HGV %	BUS	BUS %
05:00	**1**	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0
06:00	**1**	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0
07:00	**11**	0	0.0	9	81.8	2	18.2	0	0.0	0	0.0
08:00	**15**	0	0.0	14	93.3	1	6.7	0	0.0	0	0.0
09:00	**28**	2	7.1	26	92.9	0	0.0	0	0.0	0	0.0
10:00	**38**	4	10.5	31	81.6	3	7.9	0	0.0	0	0.0
11:00	**37**	3	8.1	33	89.2	1	2.7	0	0.0	0	0.0
12:00	**61**	4	6.6	56	91.8	1	1.6	0	0.0	0	0.0
13:00	**53**	3	5.7	48	90.6	2	3.8	0	0.0	0	0.0
14:00	**41**	3	7.3	37	90.2	1	2.4	0	0.0	0	0.0
15:00	**46**	1	2.2	43	93.5	2	4.4	0	0.0	0	0.0
16:00	**52**	0	0.0	50	96.2	1	1.9	1	1.9	0	0.0
17:00	**34**	1	2.9	32	94.1	1	2.9	0	0.0	0	0.0
18:00	**28**	0	0.0	25	89.3	3	10.7	0	0.0	0	0.0
19:00	**22**	0	0.0	22	100.0	0	0.0	0	0.0	0	0.0
20:00	**14**	0	0.0	14	100.0	0	0.0	0	0.0	0	0.0
21:00	**9**	0	0.0	9	100.0	0	0.0	0	0.0	0	0.0
22:00	**10**	0	0.0	10	100.0	0	0.0	0	0.0	0	0.0
23:00	**9**	0	0.0	8	88.9	1	11.1	0	0.0	0	0.0
12H,7-19	**444**	**21**	**4.7**	**404**	**91.0**	**18**	**4.1**	**1**	**0.2**	**0**	**0.0**
16H,6-22	**490**	**21**	**4.3**	**450**	**91.8**	**18**	**3.7**	**1**	**0.2**	**0**	**0.0**
18H,6-24	**509**	**21**	**4.1**	**468**	**91.9**	**19**	**3.7**	**1**	**0.2**	**0**	**0.0**
24H,0-24	**518**	**22**	**4.3**	**476**	**91.9**	**19**	**3.7**	**1**	**0.2**	**0**	**0.0**
Sun 20-Nov-16											
00:00	**5**	0	0.0	5	100.0	0	0.0	0	0.0	0	0.0
01:00	**7**	0	0.0	7	100.0	0	0.0	0	0.0	0	0.0
02:00	**3**	0	0.0	3	100.0	0	0.0	0	0.0	0	0.0
03:00	**1**	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0
04:00	**2**	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0
05:00	**2**	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0
06:00	**4**	0	0.0	4	100.0	0	0.0	0	0.0	0	0.0
07:00	**8**	0	0.0	7	87.5	1	12.5	0	0.0	0	0.0

21027	CUBBINGTON	Site No: 21027001	Location	Coventry Road, Cubbington (TG Pole)
Thu 17-Nov-16 to Wed 23-Nov-16		Channel: Southbound		

TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	MOTOR-CYCLES %	CARS	CARS %	LGV	LGV %	HGV	HGV %	BUS	BUS %
08:00	**9**	0	0.0	8	88.9	0	0.0	1	11.1	0	0.0
09:00	**17**	0	0.0	15	88.2	2	11.8	0	0.0	0	0.0
10:00	**50**	19	38.0	29	58.0	1	2.0	1	2.0	0	0.0
11:00	**61**	2	3.3	57	93.4	2	3.3	0	0.0	0	0.0
12:00	**53**	3	5.7	49	92.5	1	1.9	0	0.0	0	0.0
13:00	**50**	0	0.0	50	100.0	0	0.0	0	0.0	0	0.0
14:00	**30**	1	3.3	29	96.7	0	0.0	0	0.0	0	0.0
15:00	**41**	0	0.0	39	95.1	2	4.9	0	0.0	0	0.0
16:00	**60**	0	0.0	58	96.7	2	3.3	0	0.0	0	0.0
17:00	**36**	3	8.3	32	88.9	0	0.0	1	2.8	0	0.0
18:00	**29**	0	0.0	28	96.6	1	3.5	0	0.0	0	0.0
19:00	**22**	0	0.0	21	95.5	1	4.6	0	0.0	0	0.0
20:00	**12**	0	0.0	12	100.0	0	0.0	0	0.0	0	0.0
21:00	**10**	0	0.0	10	100.0	0	0.0	0	0.0	0	0.0
22:00	**10**	0	0.0	10	100.0	0	0.0	0	0.0	0	0.0
23:00	**2**	0	0.0	2	100.0	0	0.0	0	0.0	0	0.0
12H,7-19	**444**	**28**	**6.3**	**401**	**90.3**	**12**	**2.7**	**3**	**0.7**	**0**	**0.0**
16H,6-22	**492**	**28**	**5.7**	**448**	**91.1**	**13**	**2.6**	**3**	**0.6**	**0**	**0.0**
18H,6-24	**504**	**28**	**5.6**	**460**	**91.3**	**13**	**2.6**	**3**	**0.6**	**0**	**0.0**
24H,0-24	**524**	**28**	**5.3**	**480**	**91.6**	**13**	**2.5**	**3**	**0.6**	**0**	**0.0**
Mon 21-Nov-16											
00:00	**1**	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0
01:00	**0**	0	-	0	-	0	-	0	-	0	-
02:00	**1**	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0
03:00	**0**	0	-	0	-	0	-	0	-	0	-
04:00	**1**	0	0.0	0	0.0	1	100.0	0	0.0	0	0.0
05:00	**6**	0	0.0	6	100.0	0	0.0	0	0.0	0	0.0
06:00	**9**	0	0.0	8	88.9	1	11.1	0	0.0	0	0.0
07:00	**45**	0	0.0	42	93.3	3	6.7	0	0.0	0	0.0
08:00	**71**	0	0.0	67	94.4	4	5.6	0	0.0	0	0.0
09:00	**39**	0	0.0	35	89.7	3	7.7	1	2.6	0	0.0
10:00	**35**	0	0.0	30	85.7	4	11.4	1	2.9	0	0.0

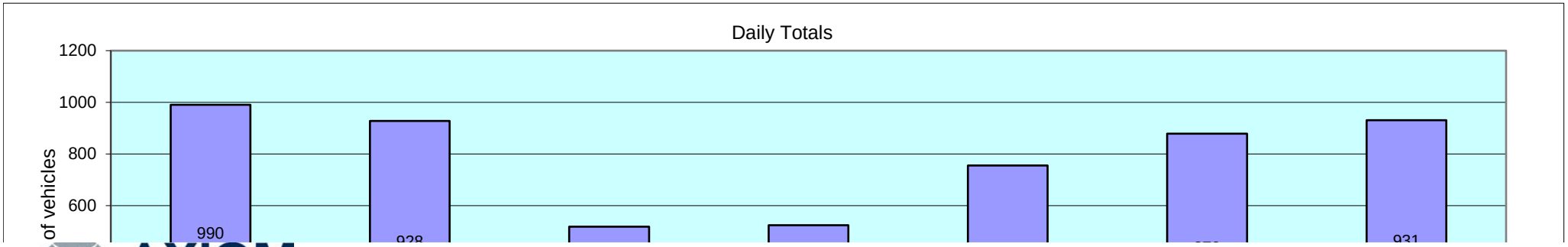
21027	CUBBINGTON	Site No: 21027001	Location	Coventry Road, Cubbington (TG Pole)
Thu 17-Nov-16 to Wed 23-Nov-16		Channel: Southbound		

TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	MOTOR-CYCLES %	CARS	CARS %	LGV	LGV %	HGV	HGV %	BUS	BUS %
11:00	**33**	0	0.0	29	87.9	4	12.1	0	0.0	0	0.0
12:00	**41**	0	0.0	32	78.1	9	22.0	0	0.0	0	0.0
13:00	**44**	0	0.0	39	88.6	3	6.8	2	4.6	0	0.0
14:00	**54**	0	0.0	49	90.7	3	5.6	2	3.7	0	0.0
15:00	**46**	0	0.0	40	87.0	4	8.7	2	4.4	0	0.0
16:00	**71**	2	2.8	67	94.4	2	2.8	0	0.0	0	0.0
17:00	**112**	2	1.8	105	93.8	5	4.5	0	0.0	0	0.0
18:00	**68**	3	4.4	65	95.6	0	0.0	0	0.0	0	0.0
19:00	**35**	3	8.6	31	88.6	1	2.9	0	0.0	0	0.0
20:00	**13**	1	7.7	12	92.3	0	0.0	0	0.0	0	0.0
21:00	**17**	1	5.9	16	94.1	0	0.0	0	0.0	0	0.0
22:00	**9**	0	0.0	8	88.9	1	11.1	0	0.0	0	0.0
23:00	**4**	0	0.0	4	100.0	0	0.0	0	0.0	0	0.0
12H,7-19	**659**	**7**	**1.1**	**600**	**91.1**	**44**	**6.7**	**8**	**1.2**	**0**	**0.0**
16H,6-22	**733**	**12**	**1.6**	**667**	**91.0**	**46**	**6.3**	**8**	**1.1**	**0**	**0.0**
18H,6-24	**746**	**12**	**1.6**	**679**	**91.0**	**47**	**6.3**	**8**	**1.1**	**0**	**0.0**
24H,0-24	**755**	**12**	**1.6**	**687**	**91.0**	**48**	**6.4**	**8**	**1.1**	**0**	**0.0**
Tue 22-Nov-16											
00:00	**1**	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0
01:00	**0**	0	-	0	-	0	-	0	-	0	-
02:00	**0**	0	-	0	-	0	-	0	-	0	-
03:00	**2**	1	50.0	1	50.0	0	0.0	0	0.0	0	0.0
04:00	**0**	0	-	0	-	0	-	0	-	0	-
05:00	**9**	0	0.0	9	100.0	0	0.0	0	0.0	0	0.0
06:00	**15**	2	13.3	11	73.3	1	6.7	1	6.7	0	0.0
07:00	**52**	0	0.0	48	92.3	3	5.8	1	1.9	0	0.0
08:00	**101**	0	0.0	90	89.1	10	9.9	1	1.0	0	0.0
09:00	**48**	2	4.2	38	79.2	8	16.7	0	0.0	0	0.0
10:00	**27**	1	3.7	24	88.9	2	7.4	0	0.0	0	0.0
11:00	**28**	2	7.1	21	75.0	3	10.7	2	7.1	0	0.0
12:00	**36**	2	5.6	32	88.9	2	5.6	0	0.0	0	0.0
13:00	**58**	0	0.0	49	84.5	9	15.5	0	0.0	0	0.0

21027	CUBBINGTON			Site No: 21027001		Location	Coventry Road, Cubbington (TG Pole)				
Thu 17-Nov-16 to Wed 23-Nov-16				Channel: Southbound							
TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	MOTOR-CYCLES %	CARS	CARS %	LGV	LGV %	HGV	HGV %	BUS	BUS %
14:00	**54**	0	0.0	48	88.9	5	9.3	1	1.9	0	0.0
15:00	**59**	2	3.4	54	91.5	2	3.4	1	1.7	0	0.0
16:00	**79**	1	1.3	74	93.7	4	5.1	0	0.0	0	0.0
17:00	**117**	7	6.0	105	89.7	5	4.3	0	0.0	0	0.0
18:00	**90**	5	5.6	82	91.1	3	3.3	0	0.0	0	0.0
19:00	**47**	5	10.6	42	89.4	0	0.0	0	0.0	0	0.0
20:00	**24**	0	0.0	24	100.0	0	0.0	0	0.0	0	0.0
21:00	**18**	0	0.0	18	100.0	0	0.0	0	0.0	0	0.0
22:00	**8**	0	0.0	8	100.0	0	0.0	0	0.0	0	0.0
23:00	**6**	0	0.0	5	83.3	1	16.7	0	0.0	0	0.0
12H,7-19	**749**	**22**	**2.9**	**665**	**88.8**	**56**	**7.5**	**6**	**0.8**	**0**	**0.0**
16H,6-22	**853**	**29**	**3.4**	**760**	**89.1**	**57**	**6.7**	**7**	**0.8**	**0**	**0.0**
18H,6-24	**867**	**29**	**3.3**	**773**	**89.2**	**58**	**6.7**	**7**	**0.8**	**0**	**0.0**
24H,0-24	**879**	**30**	**3.4**	**784**	**89.2**	**58**	**6.6**	**7**	**0.8**	**0**	**0.0**
Wed 23-Nov-16											
00:00	**1**	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0
01:00	**1**	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0
02:00	**0**	0	-	0	-	0	-	0	-	0	-
03:00	**2**	1	50.0	1	50.0	0	0.0	0	0.0	0	0.0
04:00	**1**	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0
05:00	**7**	0	0.0	7	100.0	0	0.0	0	0.0	0	0.0
06:00	**9**	2	22.2	6	66.7	1	11.1	0	0.0	0	0.0
07:00	**55**	1	1.8	49	89.1	5	9.1	0	0.0	0	0.0
08:00	**78**	0	0.0	69	88.5	9	11.5	0	0.0	0	0.0
09:00	**46**	3	6.5	35	76.1	5	10.9	3	6.5	0	0.0
10:00	**44**	3	6.8	35	79.6	4	9.1	2	4.6	0	0.0
11:00	**38**	1	2.6	32	84.2	3	7.9	2	5.3	0	0.0
12:00	**58**	1	1.7	48	82.8	7	12.1	2	3.5	0	0.0
13:00	**55**	1	1.8	50	90.9	2	3.6	2	3.6	0	0.0
14:00	**57**	1	1.8	50	87.7	6	10.5	0	0.0	0	0.0
15:00	**61**	0	0.0	57	93.4	2	3.3	2	3.3	0	0.0
16:00	**79**	3	3.8	72	91.1	4	5.1	0	0.0	0	0.0

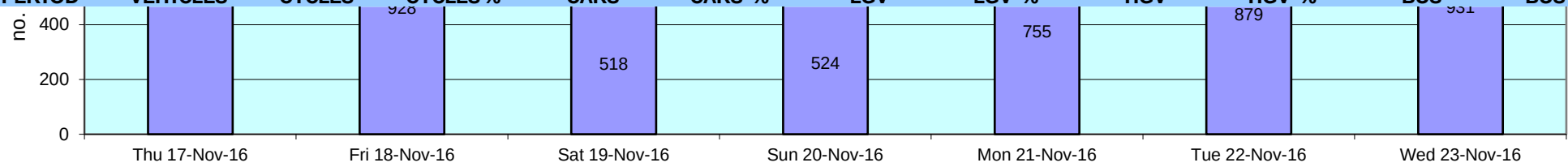
21027	CUBBINGTON	Site No: 21027001	Location	Coventry Road, Cubbington (TG Pole)
Thu 17-Nov-16 to Wed 23-Nov-16		Channel: Southbound		

TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	MOTOR-CYCLES %	CARS	CARS %	LGV	LGV %	HGV	HGV %	BUS	BUS %
17:00	134	3	2.2	123	91.8	6	4.5	2	1.5	0	0.0
18:00	92	5	5.4	82	89.1	5	5.4	0	0.0	0	0.0
19:00	34	4	11.8	29	85.3	1	2.9	0	0.0	0	0.0
20:00	32	1	3.1	29	90.6	2	6.3	0	0.0	0	0.0
21:00	20	0	0.0	19	95.0	1	5.0	0	0.0	0	0.0
22:00	16	0	0.0	15	93.8	1	6.3	0	0.0	0	0.0
23:00	11	0	0.0	11	100.0	0	0.0	0	0.0	0	0.0
12H,7-19	797	22	2.8	702	88.1	58	7.3	15	1.9	0	0.0
16H,6-22	892	29	3.3	785	88.0	63	7.1	15	1.7	0	0.0
18H,6-24	919	29	3.2	811	88.3	64	7.0	15	1.6	0	0.0
24H,0-24	931	30	3.2	822	88.3	64	6.9	15	1.6	0	0.0
Daily Totals											
Thu 17-Nov-16	990	24	2.4	887	89.6	72	7.3	7	0.7	0	0.0
Fri 18-Nov-16	928	22	2.4	823	88.7	71	7.7	11	1.2	1	0.1
Sat 19-Nov-16	518	22	4.3	476	91.9	19	3.7	1	0.2	0	0.0
Sun 20-Nov-16	524	28	5.3	480	91.6	13	2.5	3	0.6	0	0.0
Mon 21-Nov-16	755	12	1.6	687	91.0	48	6.4	8	1.1	0	0.0
Tue 22-Nov-16	879	30	3.4	784	89.2	58	6.6	7	0.8	0	0.0
Wed 23-Nov-16	931	30	3.2	822	88.3	64	6.9	15	1.6	0	0.0
Total Vehicles											
[--]	5525	168	3.2	4959	90.0	345	5.8	52	0.9	1	0.0



21027	CUBBINGTON	Site No: 21027001	Location	Coventry Road, Cubbington (TG Pole)
Thu 17-Nov-16 to Wed 23-Nov-16		Channel: Southbound		

TIME PERIOD	TOTAL VEHICLES	MOTOR-CYCLES	MOTOR-CYCLES %	CARS	CARS %	LGV	LGV %	HGV	HGV %	BUS	BUS %



21027			CUBBINGTON				Site No: 21027001				Location	Coventry Road, Cubbington (TG Pole)					
Thu 17-Nov-16 to Wed 23-Nov-16							Channel: Southbound										
Time Period	Total Vehicles	85%ile Speed	Mean Speed	Stand Dev.	<11Mph	11-<21	21-<31	31-<36	36-<41	41-<46	46-<51	51-<56	56-<61	61-<66	66-<71	=>71
Thu 17-Nov-16																
00:00	2	-	61	10.6	0	0	0	0	0	0	0	1	0	0	1	0
01:00	4	-	37.3	2.8	0	0	0	1	3	0	0	0	0	0	0	0
02:00	2	-	38.5	1.8	0	0	0	0	2	0	0	0	0	0	0	0
03:00	2	-	58.5	1.8	0	0	0	0	0	0	0	0	2	0	0	0
04:00	2	-	41	3.5	0	0	0	0	1	1	0	0	0	0	0	0
05:00	7	-	50.6	7.7	0	0	0	0	0	3	0	3	0	1	0	0
06:00	15	48.8	36.8	14.4	0	4	0	1	3	2	4	0	1	0	0	0
07:00	50	49.1	42	7.9	0	0	5	3	12	17	8	3	2	0	0	0
08:00	87	49.2	40.9	7.7	0	0	7	13	26	18	15	7	1	0	0	0
09:00	53	45.6	40.1	6.8	0	1	2	8	17	18	5	2	0	0	0	0
10:00	50	47.5	40.9	7	0	1	0	12	10	16	10	0	1	0	0	0
11:00	48	44.8	39	6.6	0	0	5	8	15	16	3	1	0	0	0	0
12:00	45	43	38.5	5.3	0	0	2	9	24	7	2	1	0	0	0	0
13:00	56	48.3	40.9	7.7	0	0	5	11	8	17	13	1	1	0	0	0
14:00	51	47.6	42	5.9	0	0	2	4	13	21	9	2	0	0	0	0
15:00	67	47.1	42	5.7	0	0	2	4	21	27	11	1	1	0	0	0
16:00	93	47.2	38.8	8.6	0	5	8	12	26	23	19	0	0	0	0	0
17:00	118	44.8	37.9	7.3	0	3	12	21	45	25	11	1	0	0	0	0
18:00	99	45	39.5	6.5	0	3	1	15	40	31	7	2	0	0	0	0
19:00	50	50.4	41.3	9.3	0	1	3	9	14	8	8	3	4	0	0	0
20:00	41	48.7	41.7	7.8	0	1	0	6	13	10	8	2	0	1	0	0
21:00	20	48.5	43.9	6.5	0	0	1	0	3	11	3	1	1	0	0	0
22:00	19	49.7	42.1	8.2	0	0	1	3	6	2	5	1	1	0	0	0
23:00	9	-	40.2	3.8	0	0	0	1	4	4	0	0	0	0	0	0
12H,7-19	817	46.8	40	7.2	0	13	51	120	257	236	113	21	6	0	0	0
16H,6-22	943	47.3	40.2	7.5	0	19	55	136	290	267	136	27	12	1	0	0
18H,6-24	971	47.3	40.2	7.5	0	19	56	140	300	273	141	28	13	1	0	0
24H,0-24	990	47.5	40.3	7.6	0	19	56	141	306	277	141	32	15	2	1	0
Fri 18-Nov-16																

21027			CUBBINGTON				Site No: 21027001				Location	Coventry Road, Cubbington (TG Pole)					
Thu 17-Nov-16 to Wed 23-Nov-16							Channel: Southbound										
Time Period	Total Vehicles	85%ile Speed	Mean Speed	Stand Dev.	<11Mph	11-<21	21-<31	31-<36	36-<41	41-<46	46-<51	51-<56	56-<61	61-<66	66-<71	=>71
00:00	**1**	-	53.5	-	0	0	0	0	0	0	0	1	0	0	0	0
01:00	**2**	-	38.5	7.1	0	0	0	1	0	1	0	0	0	0	0	0
02:00	**2**	-	41	3.5	0	0	0	0	1	1	0	0	0	0	0	0
03:00	**2**	-	53.5	7.1	0	0	0	0	0	0	1	0	1	0	0	0
04:00	**1**	-	38.5	-	0	0	0	0	1	0	0	0	0	0	0	0
05:00	**10**	51	45.5	6	0	0	0	0	3	2	3	2	0	0	0	0
06:00	**12**	44.6	41.8	2.9	0	0	0	0	4	8	0	0	0	0	0	0
07:00	**64**	48.4	41.8	6.2	0	0	1	9	20	20	8	6	0	0	0	0
08:00	**97**	45.8	39.8	6.6	0	1	4	21	27	30	11	3	0	0	0	0
09:00	**49**	46.1	39.8	7.4	0	1	4	5	16	15	7	1	0	0	0	0
10:00	**40**	44.5	38.3	6.7	0	1	2	10	12	12	3	0	0	0	0	0
11:00	**45**	45.6	39.8	8.8	0	1	4	8	11	15	2	2	1	1	0	0
12:00	**59**	44.9	39.6	6.5	0	1	2	12	16	24	2	2	0	0	0	0
13:00	**57**	47.8	39.7	8.9	0	3	4	6	17	15	8	4	0	0	0	0
14:00	**62**	48.4	42.3	6	0	0	1	5	21	20	11	3	1	0	0	0
15:00	**74**	45.9	39.9	7.8	0	3	3	7	27	23	8	2	1	0	0	0
16:00	**93**	47.3	40.1	8	0	3	4	15	27	27	10	6	1	0	0	0
17:00	**108**	44.4	38.1	7.3	0	3	7	26	35	30	4	2	0	1	0	0
18:00	**58**	47	40.4	7.3	0	1	3	7	20	16	9	1	1	0	0	0
19:00	**32**	45.5	41	5.4	0	0	0	4	15	8	3	2	0	0	0	0
20:00	**16**	46.2	39.4	7	0	0	2	1	7	3	3	0	0	0	0	0
21:00	**14**	45.4	41.2	6.4	0	0	1	0	6	5	1	1	0	0	0	0
22:00	**17**	45.3	41.3	6.8	0	0	1	1	6	7	1	0	1	0	0	0
23:00	**13**	49.9	41.6	8.6	0	0	2	0	3	5	1	2	0	0	0	0
12H,7-19	**806**	**46**	**39.9**	**7.4**	**0**	**18**	**39**	**131**	**249**	**247**	**83**	**32**	**5**	**2**	**0**	**0**
16H,6-22	**880**	**46**	**40**	**7.2**	**0**	**18**	**42**	**136**	**281**	**271**	**90**	**35**	**5**	**2**	**0**	**0**
18H,6-24	**910**	**46**	**40**	**7.3**	**0**	**18**	**45**	**137**	**290**	**283**	**92**	**37**	**6**	**2**	**0**	**0**
24H,0-24	**928**	**46.3**	**40.1**	**7.3**	**0**	**18**	**45**	**138**	**295**	**287**	**96**	**40**	**7**	**2**	**0**	**0**
Sat 19-Nov-16																
00:00	**3**	-	40.2	3.1	0	0	0	0	2	1	0	0	0	0	0	0

21027			CUBBINGTON				Site No: 21027001				Location	Coventry Road, Cubbington (TG Pole)					
Thu 17-Nov-16 to Wed 23-Nov-16							Channel: Southbound										
Time Period	Total Vehicles	85%ile Speed	Mean Speed	Stand Dev.	<11Mph	11-<21	21-<31	31-<36	36-<41	41-<46	46-<51	51-<56	56-<61	61-<66	66-<71	=>71
01:00	**2**	-	41	10.6	0	0	0	1	0	0	1	0	0	0	0	0
02:00	**1**	-	43.5	-	0	0	0	0	0	1	0	0	0	0	0	0
03:00	**1**	-	48.5	-	0	0	0	0	0	0	1	0	0	0	0	0
04:00	**1**	-	38.5	-	0	0	0	0	1	0	0	0	0	0	0	0
05:00	**1**	-	38.5	-	0	0	0	0	1	0	0	0	0	0	0	0
06:00	**1**	-	38.5	-	0	0	0	0	1	0	0	0	0	0	0	0
07:00	**11**	45.6	40.8	5.8	0	0	0	3	2	4	2	0	0	0	0	0
08:00	**15**	46.6	42.8	6.4	0	0	0	2	3	7	2	0	1	0	0	0
09:00	**28**	45.7	40.6	8.5	0	2	0	2	7	13	2	2	0	0	0	0
10:00	**38**	45.8	38.4	9.4	0	4	0	4	17	7	5	0	1	0	0	0
11:00	**37**	45.1	37.6	8.7	0	3	2	7	10	11	4	0	0	0	0	0
12:00	**61**	50.7	41.7	9.8	0	4	2	6	10	20	10	8	1	0	0	0
13:00	**53**	48.2	40.6	9.6	0	3	0	9	18	11	8	0	2	2	0	0
14:00	**41**	50	42	8.4	0	2	0	2	15	9	8	5	0	0	0	0
15:00	**46**	48.6	41.3	7.1	0	1	0	7	16	10	9	3	0	0	0	0
16:00	**52**	48.1	39.8	8.5	0	1	7	2	20	10	9	2	1	0	0	0
17:00	**34**	48.4	41.7	7.4	0	0	2	2	14	8	5	1	2	0	0	0
18:00	**28**	46.5	41.7	5.5	0	0	0	3	11	9	3	2	0	0	0	0
19:00	**22**	45.4	41.7	6.4	0	0	0	2	10	7	2	0	0	1	0	0
20:00	**14**	45.4	40.5	6	0	0	1	1	5	5	2	0	0	0	0	0
21:00	**9**	-	47.4	7.1	0	0	0	0	2	2	2	2	1	0	0	0
22:00	**10**	43.5	36.8	8.3	0	0	3	0	4	2	1	0	0	0	0	0
23:00	**9**	-	40.2	3.8	0	0	0	1	4	4	0	0	0	0	0	0
12H,7-19	**444**	**48.5**	**40.7**	**8.5**	**0**	**20**	**13**	**49**	**143**	**119**	**67**	**23**	**8**	**2**	**0**	**0**
16H,6-22	**490**	**48.5**	**40.8**	**8.3**	**0**	**20**	**14**	**52**	**161**	**133**	**73**	**25**	**9**	**3**	**0**	**0**
18H,6-24	**509**	**48.3**	**40.7**	**8.3**	**0**	**20**	**17**	**53**	**169**	**139**	**74**	**25**	**9**	**3**	**0**	**0**
24H,0-24	**518**	**48.3**	**40.7**	**8.2**	**0**	**20**	**17**	**54**	**173**	**141**	**76**	**25**	**9**	**3**	**0**	**0**
Sun 20-Nov-16																
00:00	**5**	-	39.5	2.6	0	0	0	0	4	1	0	0	0	0	0	0
01:00	**7**	-	38.5	3.2	0	0	0	1	5	1	0	0	0	0	0	0

21027			CUBBINGTON				Site No: 21027001				Location	Coventry Road, Cubbington (TG Pole)					
Thu 17-Nov-16 to Wed 23-Nov-16							Channel: Southbound										
Time Period	Total Vehicles	85%ile Speed	Mean Speed	Stand Dev.	<11Mph	11-<21	21-<31	31-<36	36-<41	41-<46	46-<51	51-<56	56-<61	61-<66	66-<71	=>71
02:00	3	-	37.7	14.2	0	0	1	1	0	0	0	1	0	0	0	0
03:00	1	-	33.5	-	0	0	0	1	0	0	0	0	0	0	0	0
04:00	2	-	37.3	15.9	0	0	1	0	0	0	1	0	0	0	0	0
05:00	2	-	41	3.5	0	0	0	0	1	1	0	0	0	0	0	0
06:00	4	-	48.5	1.6	0	0	0	0	0	0	4	0	0	0	0	0
07:00	8	-	42.9	10.2	0	0	0	2	3	0	2	0	0	1	0	0
08:00	9	-	40.2	5.2	0	0	0	2	3	3	1	0	0	0	0	0
09:00	17	43.4	37.2	6.9	0	0	3	3	6	4	1	0	0	0	0	0
10:00	50	48.9	41.7	7.8	0	1	1	7	14	15	7	3	2	0	0	0
11:00	61	47.7	41.6	6.2	0	1	1	4	21	20	13	1	0	0	0	0
12:00	53	49.6	41.8	8.7	0	2	2	6	11	15	12	4	1	0	0	0
13:00	50	47.7	41.6	6.1	0	0	1	6	18	15	6	4	0	0	0	0
14:00	30	46	41.1	8	0	1	2	2	5	15	3	2	0	0	0	0
15:00	41	48.1	42	5.9	0	0	0	8	8	15	8	2	0	0	0	0
16:00	60	47.1	41.5	5.4	0	0	1	7	20	20	11	1	0	0	0	0
17:00	36	48.2	40.6	7.7	0	1	1	6	11	8	7	2	0	0	0	0
18:00	29	50	43.8	7.2	0	0	1	3	5	8	9	2	1	0	0	0
19:00	22	48	43.4	5.9	0	0	1	0	4	12	3	2	0	0	0	0
20:00	12	47.2	42.3	5.5	0	0	0	2	2	5	3	0	0	0	0	0
21:00	10	56	44.5	8.5	0	0	0	1	3	3	1	0	2	0	0	0
22:00	10	47.7	42.5	5.3	0	0	0	1	3	3	3	0	0	0	0	0
23:00	2	-	38.5	7.1	0	0	0	1	0	1	0	0	0	0	0	0
12H,7-19	444	48.4	41.5	7	0	6	13	56	125	138	80	21	4	1	0	0
16H,6-22	492	48.6	41.7	7	0	6	14	59	134	158	91	23	6	1	0	0
18H,6-24	504	48.5	41.7	7	0	6	14	61	137	162	94	23	6	1	0	0
24H,0-24	524	48.5	41.6	7	0	6	16	64	147	165	95	24	6	1	0	0
Mon 21-Nov-16																
00:00	1	-	43.5	-	0	0	0	0	0	1	0	0	0	0	0	0
01:00	0	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
02:00	1	-	53.5	-	0	0	0	0	0	0	0	1	0	0	0	0

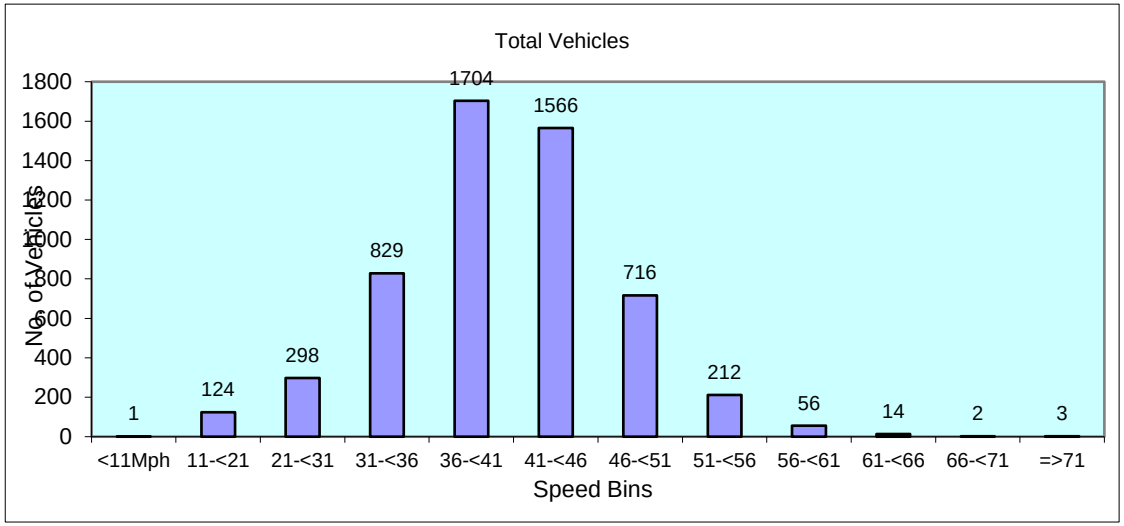
21027			CUBBINGTON				Site No: 21027001			Location	Coventry Road, Cubbington (TG Pole)					
Thu 17-Nov-16 to Wed 23-Nov-16							Channel: Southbound									
Time Period	Total Vehicles	85%ile Speed	Mean Speed	Stand Dev.	<11Mph	11-<21	21-<31	31-<36	36-<41	41-<46	46-<51	51-<56	56-<61	61-<66	66-<71	=>71
03:00	**0**	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
04:00	**1**	-	38.5	-	0	0	0	0	1	0	0	0	0	0	0	0
05:00	**6**	-	45.2	7.6	0	0	0	0	2	2	1	0	1	0	0	0
06:00	**9**	-	37.1	6.6	0	0	1	3	3	1	1	0	0	0	0	0
07:00	**45**	48.1	42.8	5.8	0	0	1	6	4	23	9	2	0	0	0	0
08:00	**71**	45.2	38.4	6.7	0	0	8	14	26	14	8	1	0	0	0	0
09:00	**39**	43.8	36.1	8.5	0	2	8	4	13	10	2	0	0	0	0	0
10:00	**35**	43.7	37.6	6.2	0	0	2	14	10	6	2	1	0	0	0	0
11:00	**33**	46.6	39.7	6.9	0	0	2	9	7	9	5	1	0	0	0	0
12:00	**41**	45.4	39.7	6.2	0	0	3	7	12	14	5	0	0	0	0	0
13:00	**44**	44.1	35.7	8.4	0	2	9	9	12	8	4	0	0	0	0	0
14:00	**54**	43.7	38.4	5	0	0	0	20	19	12	2	1	0	0	0	0
15:00	**46**	41.6	36.7	5.7	0	0	4	18	16	5	3	0	0	0	0	0
16:00	**71**	45	35.3	9.9	0	8	10	14	19	11	8	1	0	0	0	0
17:00	**112**	43.5	37.1	6.6	0	1	14	27	41	23	5	1	0	0	0	0
18:00	**68**	46.2	40.6	6.3	0	0	2	14	20	21	7	4	0	0	0	0
19:00	**35**	48.3	41.4	8.7	0	2	1	1	10	12	7	1	1	0	0	0
20:00	**13**	48.6	39.5	10.9	0	1	2	1	1	3	5	0	0	0	0	0
21:00	**17**	50.9	41	9.4	0	1	0	3	4	5	1	3	0	0	0	0
22:00	**9**	-	40.4	7.8	0	0	1	2	0	4	2	0	0	0	0	0
23:00	**4**	-	41	6.5	0	0	0	1	1	1	1	0	0	0	0	0
12H,7-19	**659**	**45.1**	**38**	**7.3**	**0**	**13**	**63**	**156**	**199**	**156**	**60**	**12**	**0**	**0**	**0**	**0**
16H,6-22	**733**	**45.5**	**38.3**	**7.5**	**0**	**17**	**67**	**164**	**217**	**177**	**74**	**16**	**1**	**0**	**0**	**0**
18H,6-24	**746**	**45.5**	**38.3**	**7.5**	**0**	**17**	**68**	**167**	**218**	**182**	**77**	**16**	**1**	**0**	**0**	**0**
24H,0-24	**755**	**45.5**	**38.4**	**7.5**	**0**	**17**	**68**	**167**	**221**	**185**	**78**	**17**	**2**	**0**	**0**	**0**
Tue 22-Nov-16																
00:00	**1**	-	38.5	-	0	0	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
02:00	**0**	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
03:00	**2**	-	53.5	7.1	0	0	0	0	0	0	1	0	1	0	0	0

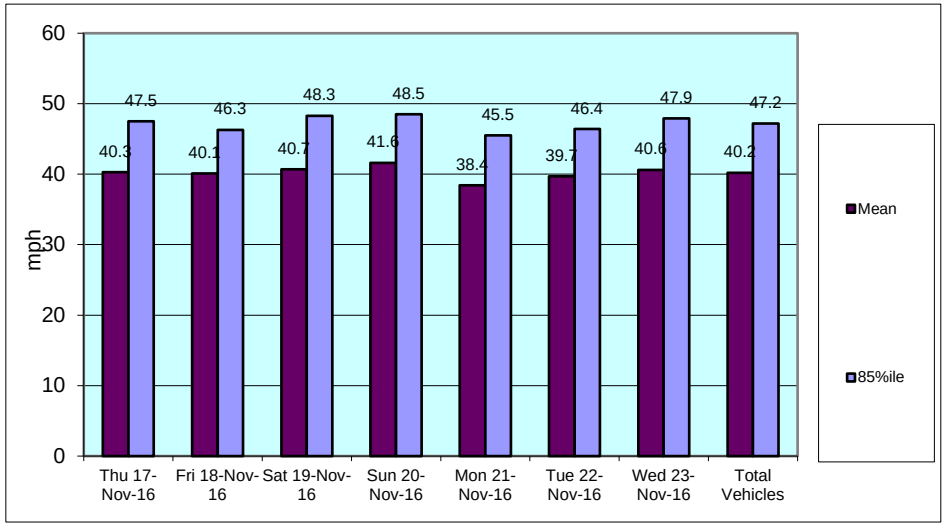
21027			CUBBINGTON				Site No: 21027001				Location	Coventry Road, Cubbington (TG Pole)					
Thu 17-Nov-16 to Wed 23-Nov-16							Channel: Southbound										
Time Period	Total Vehicles	85%ile Speed	Mean Speed	Stand Dev.	<11Mph	11-<21	21-<31	31-<36	36-<41	41-<46	46-<51	51-<56	56-<61	61-<66	66-<71	=>71
04:00	**0**	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
05:00	**9**	-	43.5	7.6	0	0	0	1	3	2	2	0	1	0	0	0
06:00	**15**	48.1	39.8	10.5	0	1	1	3	2	4	3	0	1	0	0	0
07:00	**52**	50.1	43.7	6.2	0	0	1	3	13	16	13	6	0	0	0	0
08:00	**101**	44.8	39.4	5.7	0	0	5	18	41	28	7	2	0	0	0	0
09:00	**48**	48.7	41.4	11.9	0	2	5	5	10	14	8	1	0	0	0	3
10:00	**27**	49.1	40.5	8.7	0	1	1	5	7	6	4	3	0	0	0	0
11:00	**28**	44.9	37.4	9.9	0	3	1	6	7	8	2	0	1	0	0	0
12:00	**36**	44.4	38.5	7.1	0	2	0	7	13	12	2	0	0	0	0	0
13:00	**58**	46.4	38.8	7.4	0	0	8	11	16	13	9	1	0	0	0	0
14:00	**54**	48.3	41.8	6.2	0	0	1	10	11	18	12	2	0	0	0	0
15:00	**59**	45.7	39.6	8	0	2	1	13	21	13	5	3	0	1	0	0
16:00	**79**	45.2	39.2	6.5	0	1	5	13	29	22	8	1	0	0	0	0
17:00	**117**	44.9	37.8	8.7	0	5	14	20	38	28	6	4	1	1	0	0
18:00	**90**	43.9	37.9	6.9	0	4	3	17	40	21	4	1	0	0	0	0
19:00	**47**	45.3	39.8	8.7	0	3	1	5	15	18	1	3	1	0	0	0
20:00	**24**	49.2	41.9	7	0	0	1	3	7	7	3	3	0	0	0	0
21:00	**18**	47	42.9	4.4	0	0	0	1	4	9	4	0	0	0	0	0
22:00	**8**	-	44.8	9.2	0	0	0	1	2	2	2	0	0	1	0	0
23:00	**6**	-	42.7	6	0	0	0	1	1	2	2	0	0	0	0	0
12H,7-19	**749**	**46**	**39.4**	**7.8**	**0**	**20**	**45**	**128**	**246**	**199**	**80**	**24**	**2**	**2**	**0**	**3**
16H,6-22	**853**	**46.1**	**39.6**	**7.9**	**0**	**24**	**48**	**140**	**274**	**237**	**91**	**30**	**4**	**2**	**0**	**3**
18H,6-24	**867**	**46.2**	**39.7**	**7.9**	**0**	**24**	**48**	**142**	**277**	**241**	**95**	**30**	**4**	**3**	**0**	**3**
24H,0-24	**879**	**46.4**	**39.7**	**7.9**	**0**	**24**	**48**	**143**	**281**	**243**	**98**	**30**	**6**	**3**	**0**	**3**
Wed 23-Nov-16																
00:00	**1**	-	33.5	-	0	0	0	1	0	0	0	0	0	0	0	0
01:00	**1**	-	43.5	-	0	0	0	0	0	1	0	0	0	0	0	0
02:00	**0**	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0
03:00	**2**	-	56	3.5	0	0	0	0	0	0	0	1	1	0	0	0
04:00	**1**	-	43.5	-	0	0	0	0	0	1	0	0	0	0	0	0

21027			CUBBINGTON				Site No: 21027001			Location	Coventry Road, Cubbington (TG Pole)					
Thu 17-Nov-16 to Wed 23-Nov-16							Channel: Southbound									
Time Period	**Total Vehicles**	**85%ile Speed**	**Mean Speed**	**Stand Dev.**	**<11Mph**	**11-<21**	**21-<31**	**31-<36**	**36-<41**	**41-<46**	**46-<51**	**51-<56**	**56-<61**	**61-<66**	**66-<71**	**=>71**
05:00	**7**	-	48.5	6.5	0	0	0	0	1	1	3	1	1	0	0	0
06:00	**9**	-	37.4	11.4	0	1	1	1	3	1	1	1	0	0	0	0
07:00	**55**	46.2	40.6	6.8	0	1	2	6	18	19	7	2	0	0	0	0
08:00	**78**	47.6	41.4	6.6	0	0	3	11	23	26	9	5	1	0	0	0
09:00	**46**	48	40.9	8	0	2	1	3	17	12	9	1	1	0	0	0
10:00	**44**	49.1	40.2	10.4	1	2	3	5	8	13	8	3	1	0	0	0
11:00	**38**	48.3	40.7	8.5	0	1	2	8	6	12	6	2	1	0	0	0
12:00	**58**	45.8	41.1	6.5	0	0	2	5	26	16	5	3	0	1	0	0
13:00	**55**	45.7	38.7	6.9	0	0	5	14	17	11	6	2	0	0	0	0
14:00	**57**	46.6	40.2	7.8	0	1	4	4	25	13	8	1	0	0	1	0
15:00	**61**	48.9	41.8	7.4	0	0	5	5	15	20	11	4	1	0	0	0
16:00	**79**	48.4	41.4	7.2	0	1	3	10	22	25	12	5	1	0	0	0
17:00	**134**	45.7	38.6	7.7	0	3	10	31	44	27	15	2	1	1	0	0
18:00	**92**	47.3	40	8.1	0	3	7	9	28	27	14	3	1	0	0	0
19:00	**34**	45.8	39.1	10.5	0	4	0	4	9	12	3	1	0	1	0	0
20:00	**32**	50.6	44.7	7.6	0	1	0	0	7	10	9	4	1	0	0	0
21:00	**20**	46.6	42.5	4.7	0	0	0	2	4	10	4	0	0	0	0	0
22:00	**16**	44.6	41	5	0	0	0	2	6	7	0	1	0	0	0	0
23:00	**11**	50.6	44.4	6.4	0	0	0	1	2	4	2	2	0	0	0	0
12H,7-19	**797**	**47.5**	**40.3**	**7.7**	**1**	**14**	**47**	**111**	**249**	**221**	**110**	**33**	**8**	**2**	**1**	**0**
16H,6-22	**892**	**47.8**	**40.5**	**7.8**	**1**	**20**	**48**	**118**	**272**	**254**	**127**	**39**	**9**	**3**	**1**	**0**
18H,6-24	**919**	**47.8**	**40.5**	**7.8**	**1**	**20**	**48**	**121**	**280**	**265**	**129**	**42**	**9**	**3**	**1**	**0**
24H,0-24	**931**	**47.9**	**40.6**	**7.8**	**1**	**20**	**48**	**122**	**281**	**268**	**132**	**44**	**11**	**3**	**1**	**0**
Daily Totals																
Thu 17-Nov-16	**990**	47.5	40.3	7.6	0	19	56	141	306	277	141	32	15	2	1	0
Fri 18-Nov-16	**928**	46.3	40.1	7.3	0	18	45	138	295	287	96	40	7	2	0	0
Sat 19-Nov-16	**518**	48.3	40.7	8.2	0	20	17	54	173	141	76	25	9	3	0	0
Sun 20-Nov-16	**524**	48.5	41.6	7	0	6	16	64	147	165	95	24	6	1	0	0
Mon 21-Nov-16	**755**	45.5	38.4	7.5	0	17	68	167	221	185	78	17	2	0	0	0
Tue 22-Nov-16	**879**	46.4	39.7	7.9	0	24	48	143	281	243	98	30	6	3	0	3

21027	CUBBINGTON	Site No: 21027001	Location	Coventry Road, Cubbington (TG Pole)
Thu 17-Nov-16 to Wed 23-Nov-16		Channel: Southbound		

Time Period	Total Vehicles	85%ile Speed	Mean Speed	Stand Dev.	<11Mph	11-<21	21-<31	31-<36	36-<41	41-<46	46-<51	51-<56	56-<61	61-<66	66-<71	=>71
Wed 23-Nov-16	**931**	47.9	40.6	7.8	1	20	48	122	281	268	132	44	11	3	1	0
Total Vehicles																
[--]	**5525**	47.2	40.2	7.6	1	124	298	829	1704	1566	716	212	56	14	2	3



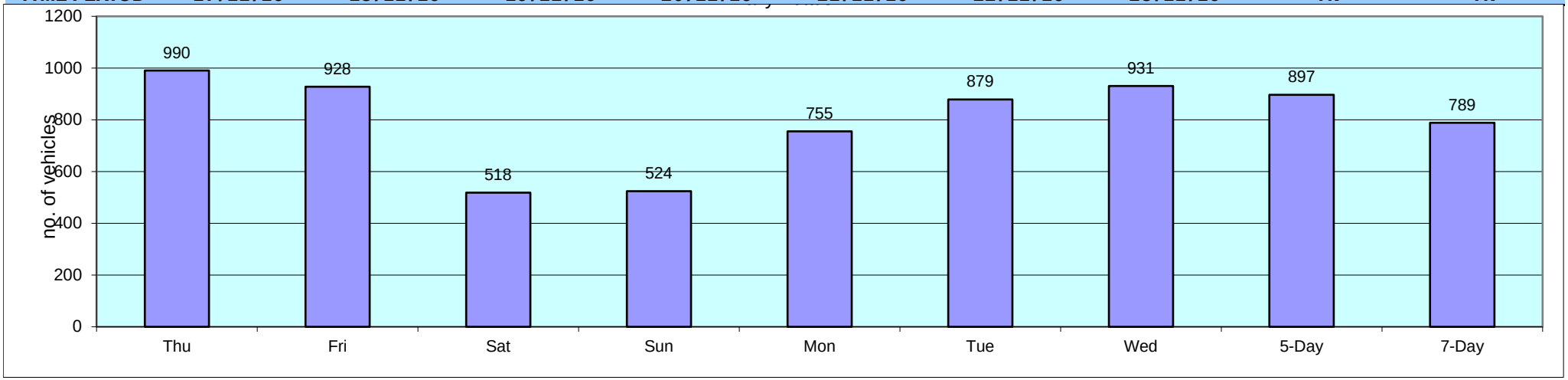


Data produced by Axiom Traffic Ltd

21027		CUBBINGTON		Site No: 21027001 Channel: Southbound		Location	Coventry Road, Cubbington (TG Pole)		
TIME PERIOD	Thu 17/11/16	Fri 18/11/16	Sat 19/11/16	Sun 20/11/16	Mon 21/11/16	Tue 22/11/16	Wed 23/11/16	5-Day Av	7-Day Av
Week Begin: 17-Nov-16									
00:00	**2**	1	3	5	1	1	1	1	2
01:00	**4**	2	2	7	0	0	1	1	2
02:00	**2**	2	1	3	1	0	0	1	1
03:00	**2**	2	1	1	0	2	2	2	1
04:00	**2**	1	1	2	1	0	1	1	1
05:00	**7**	10	1	2	6	9	7	8	6
06:00	**15**	12	1	4	9	15	9	12	9
07:00	**50**	64	11	8	45	52	55	53	41
08:00	**87**	97	15	9	71	101	78	87	65
09:00	**53**	49	28	17	39	48	46	47	40
10:00	**50**	40	38	50	35	27	44	39	41
11:00	**48**	45	37	61	33	28	38	38	41
12:00	**45**	59	61	53	41	36	58	48	50
13:00	**56**	57	53	50	44	58	55	54	53
14:00	**51**	62	41	30	54	54	57	56	50
15:00	**67**	74	46	41	46	59	61	61	56
16:00	**93**	93	52	60	71	79	79	83	75
17:00	**118**	108	34	36	112	117	134	118	94
18:00	**99**	58	28	29	68	90	92	81	66
19:00	**50**	32	22	22	35	47	34	40	35
20:00	**41**	16	14	12	13	24	32	25	22
21:00	**20**	14	9	10	17	18	20	18	15
22:00	**19**	17	10	10	9	8	16	14	13
23:00	**9**	13	9	2	4	6	11	9	8
12H,7-19	**817**	**806**	**444**	**444**	**659**	**749**	**797**	**766**	**674**
16H,6-22	**943**	**880**	**490**	**492**	**733**	**853**	**892**	**860**	**755**
18H,6-24	**971**	**910**	**509**	**504**	**746**	**867**	**919**	**883**	**775**
24H,0-24	**990**	**928**	**518**	**524**	**755**	**879**	**931**	**897**	**789**
Am	**08:00**	**08:00**	**10:00**	**11:00**	**08:00**	**08:00**	**08:00**	**-**	**-**
Peak	**87**	**97**	**38**	**61**	**71**	**101**	**78**	**87**	**76**
Pm	**17:00**	**17:00**	**12:00**	**16:00**	**17:00**	**17:00**	**17:00**	**-**	**-**
Peak	**118**	**108**	**61**	**60**	**112**	**117**	**134**	**118**	**101**

21027	CUBBINGTON	Site No: 21027001	Location	Coventry Road, Cubbington (TG Pole)
		Channel: Southbound		

TIME PERIOD	Thu 17/11/16	Fri 18/11/16	Sat 19/11/16	Sun 20/11/16	Mon 21/11/16	Tue 22/11/16	Wed 23/11/16	5-Day Av	7-Day Av



Appendix B
Picady outputs

Junctions 9

PICADY 9 - Priority Intersection Module

Version: 9.0.0.4211 []

For sales and distribution information, program advice and maintenance, contact TRL:
Tel: +44 (0)1344 770758 email: software@trl.co.uk Web: http://www.trlsoftware.co.uk

Filename: Leicester Lane Junction.j9
Path: P:\17000's\17380\Junction Modelling
Report generation date: 28/11/2016 15:05:26

Summary of junction performance

	AM					PM				
	Q (PCU)	Delay (s)	RFC	LOS	Res Cap	Q (PCU)	Delay (s)	RFC	LOS	Res Cap
	2016 Base									
Stream B-C	0.0	6.82	0.01	A		0.0	5.57	0.00	A	
Stream B-AD	0.4	17.55	0.28	C		0.2	12.18	0.18	B	
Stream A-BCD	3.4	8.78	0.62	A		0.3	4.82	0.12	A	
Stream A-B										
Stream A-C					15 %					23 %
Stream D-A	0.1	6.87	0.13	A	[Stream A-BCD]	0.5	10.04	0.33	B	[Stream D-BC]
Stream D-BC	0.3	16.62	0.22	C		0.6	16.80	0.36	C	
Stream C-ABD	0.0	4.56	0.01	A		0.0	4.32	0.01	A	
Stream C-D										
Stream C-A										
	2021 Ref									
Stream B-C	0.0	7.37	0.02	A		0.0	5.76	0.00	A	
Stream B-AD	0.5	21.10	0.34	C		0.3	13.41	0.21	B	
Stream A-BCD	6.2	13.41	0.76	B		0.3	4.79	0.14	A	
Stream A-B										
Stream A-C					6 %					14 %
Stream D-A	0.2	7.27	0.15	A	[Stream A-BCD]	0.6	11.66	0.38	B	[Stream D-BC]
Stream D-BC	0.4	19.89	0.26	C		0.7	20.38	0.43	C	
Stream C-ABD	0.0	4.50	0.01	A		0.0	4.25	0.01	A	
Stream C-D										
Stream C-A										
	2021 Ref + H26									
Stream B-C	0.0	7.74	0.02	A		0.0	5.81	0.00	A	
Stream B-AD	0.6	23.29	0.40	C		0.3	13.73	0.22	B	
Stream A-BCD	6.5	13.95	0.76	B		0.3	4.78	0.14	A	
Stream A-B										
Stream A-C					6 %					11 %
Stream D-A	0.2	7.39	0.15	A	[Stream A-BCD]	0.6	12.32	0.39	B	[Stream D-BC]
Stream D-BC	0.4	20.41	0.28	C		0.8	21.68	0.46	C	
Stream C-ABD	0.0	4.51	0.01	A		0.0	4.27	0.01	A	
Stream C-D										
Stream C-A										
	2021 Ref + H26 + Dev									
Stream B-C	0.0	8.16	0.02	A		0.0	5.86	0.00	A	
Stream B-AD	0.8	25.57	0.45	D		0.3	14.06	0.24	B	
Stream A-BCD	6.8	14.48	0.77	B		0.3	4.78	0.14	A	
Stream A-B										
Stream A-C					5 %					9 %
Stream D-A	0.2	7.49	0.15	A	[Stream A-BCD]	0.7	13.18	0.41	B	[Stream D-BC]
Stream D-BC	0.4	20.89	0.29	C		1.0	23.39	0.50	C	
Stream C-ABD	0.0	4.51	0.01	A		0.0	4.28	0.01	A	
Stream C-D										
Stream C-A										

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

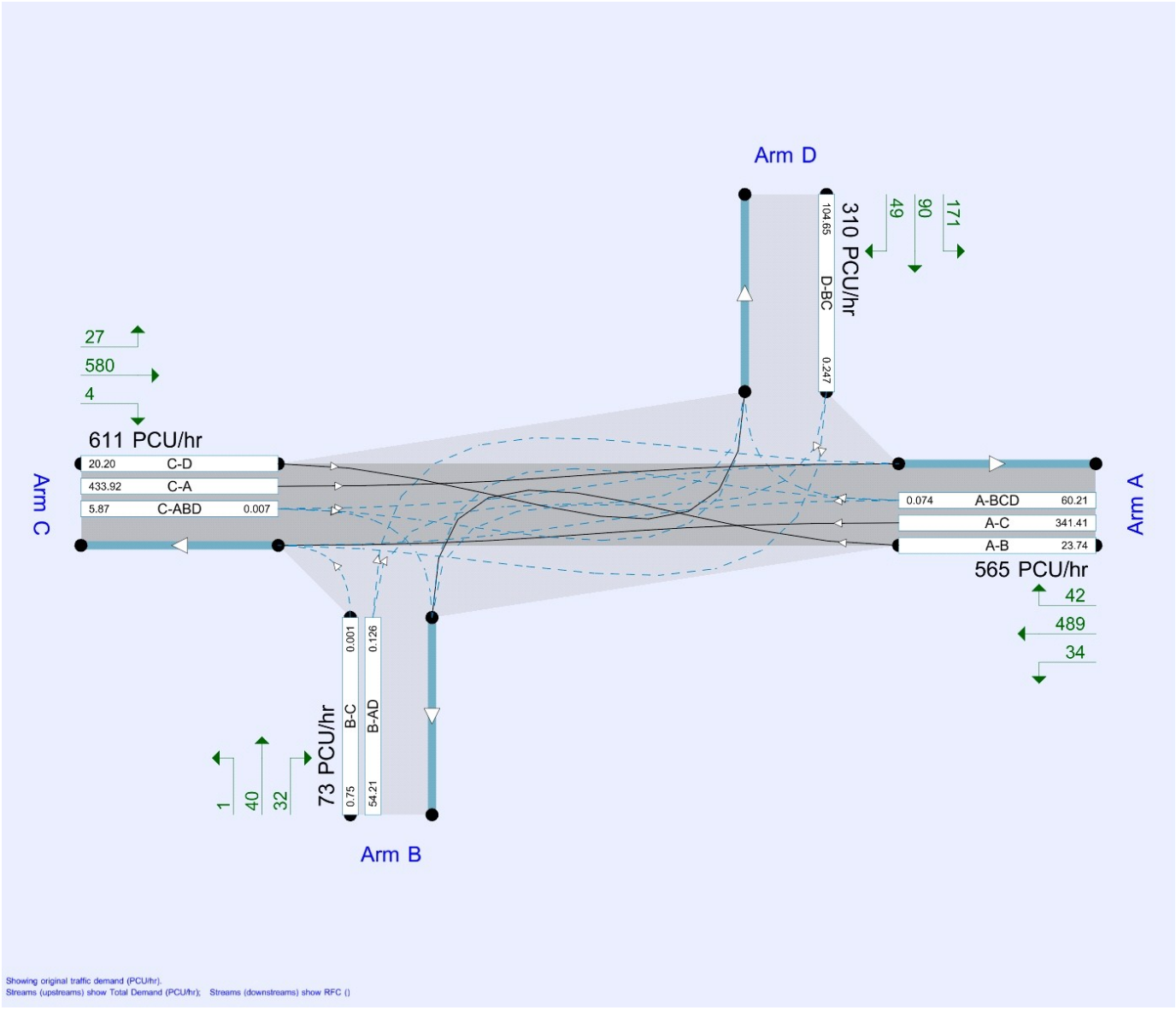
File summary

File Description

Title	(untitled)
Location	
Site number	
Date	28/11/2016
Version	
Status	(new file)
Identifier	
Client	
Jobnumber	
Enumerator	DTA"arcady
Description	

Units

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



The junction diagram reflects the last run of Junctions.

Analysis Options

Vehicle length (m)	Calculate Q Percentiles	Calculate detailed queueing delay	Calculate residual capacity	Residual capacity criteria type	RFC Threshold	Av. Delay threshold (s)	Q threshold (PCU)
5.75			✓	Delay	0.85	36.00	20.00

Demand Set Summary

Scenario name	Time Period name	Traffic profile type	Model start time (HH:mm)	Model finish time (HH:mm)	Time segment length (min)	Run automatically
2016 Base	AM	ONE HOUR	07:45	09:15	15	✓
2016 Base	PM	ONE HOUR	16:45	18:15	15	✓
2021 Ref	AM	ONE HOUR	07:45	09:15	15	✓
2021 Ref	PM	ONE HOUR	16:45	18:15	15	✓
2021 Ref + H26	AM	ONE HOUR	07:45	09:15	15	✓
2021 Ref + H26	PM	ONE HOUR	16:45	18:15	15	✓
2021 Ref + H26 + Dev	AM	ONE HOUR	07:45	09:15	15	✓
2021 Ref + H26 + Dev	PM	ONE HOUR	16:45	18:15	15	✓

2016 Base, AM

Data Errors and Warnings

No errors or warnings

Analysis Set Details

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

Junction Network

Junctions

Junction	Name	Junction Type	Major road direction	Junction Delay (s)	Junction LOS
1	untitled	Right-Left Stagger	Two-way	4.32	A

Junction Network Options

Driving side	Lighting	Res Cap (%)	First arm reaching threshold
Left	Normal/unknown	15	Stream A-BCD

Arms

Arms

Arm	Name	Description	Arm type
A	Leamington Road	Leamington Road	Major
B	Coventry Road S	Coventry Road S	Minor
C	Leicester Lane	Leicester Lane	Major
D	Coventry Road N	Coventry Road N	Minor

Major Arm Geometry

Arm	Width of carriageway (m)	Has kerbed central reserve	Has right turn bay	Visibility for right turn (m)	Blocks?	Blocking queue (PCU)
A	7.30			160.0	✓	0.00
C	7.30			160.0	✓	0.00

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

Minor Arm Geometry

Arm	Minor arm type	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	10.00	4.30	3.30	2.90	2.70		1.00	100	160
D	One lane plus flare	10.00	7.70	4.70	3.60	3.20	✓	1.00	160	160

Slope / Intercept / Capacity

Priority Intersection Slopes and Intercepts

Junction	Stream	Intercept (PCU/hr)	Slope for A-B	Slope for A-C	Slope for A-D	Slope for B-A	Slope for B-D	Slope for C-A	Slope for C-B	Slope for C-D	Slope for D-B	Slope for D-C
1	A-D	666.621	-	-	-	0.244	0.244	0.244	-	0.244	-	-
1	B-AD	629.493	0.108	0.273	-	-	-	0.172	0.391	0.172	0.108	0.273
1	B-C	869.764	0.126	0.318	-	-	-	-	-	-	0.126	0.318
1	C-B	666.621	0.244	0.244	-	-	-	-	-	-	0.244	0.244
1	D-A	796.906	-	-	-	0.291	0.115	0.291	-	0.115	-	-
1	D-BC	642.468	0.176	0.176	0.399	0.279	0.110	0.279	-	0.110	-	-

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

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

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

Traffic Demand

Demand Set Details

ID	Scenario name	Time Period name	Traffic profile type	Model start time (HH:mm)	Model finish time (HH:mm)	Time segment length (min)	Run automatically
D1	2016 Base	AM	ONE HOUR	07:45	09:15	15	✓

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

Demand overview (Traffic)

Arm	Linked arm	Profile type	Use O-D data	Av. Demand (PCU/hr)	Scaling Factor (%)
A		ONE HOUR	✓	928.00	100.000
B		ONE HOUR	✓	81.00	100.000
C		ONE HOUR	✓	543.00	100.000
D		ONE HOUR	✓	126.00	100.000

Origin-Destination Data

Demand (PCU/hr)

		To			
		A	B	C	D
From	A	0.000	41.000	739.000	148.000
	B	18.000	0.000	7.000	56.000
	C	364.000	2.000	0.000	177.000
	D	71.000	39.000	16.000	0.000

Proportions

		To			
		A	B	C	D
From	A	0.00	0.04	0.80	0.16
	B	0.22	0.00	0.09	0.69
	C	0.67	0.00	0.00	0.33
	D	0.56	0.31	0.13	0.00

Vehicle Mix

Heavy Vehicle proportion

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

Av. PCU Per Veh

		To			
		A	B	C	D
From	A	1.000	1.000	1.000	1.000
	B	1.000	1.000	1.000	1.000
	C	1.000	1.000	1.000	1.000
	D	1.000	1.000	1.000	1.000

Results

Results Summary for whole modelled period

Stream	Max RFC	Max delay (s)	Max Q (PCU)	Max LOS	Av. Demand (PCU/hr)	Total Junction Arrivals (PCU)
B-C	0.01	6.82	0.0	A	6.42	9.63
B-AD	0.28	17.55	0.4	C	67.90	101.86
A-BCD	0.62	8.78	3.4	A	467.85	701.78
A-B					20.17	30.25
A-C					363.53	545.29
D-A	0.13	6.87	0.1	A	65.15	97.73
D-BC	0.22	16.62	0.3	C	50.47	75.70
C-ABD	0.01	4.56	0.0	A	4.15	6.23
C-D					161.66	242.49
C-A					332.45	498.68

Main Results for each time segment

Main results: (07:45-08:00)

Stream	Total Demand (PCU/hr)	Junction demand (PCU/hr)	Junction Arrivals (PCU)	Bypass demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-C	5.27	5.27	1.32	0.00	655.83	0.008	5.24	0.0	0.0	5.533	A
B-AD	55.71	55.71	13.93	0.00	396.92	0.140	55.07	0.0	0.2	10.510	B
A-BCD	282.61	282.61	70.65	0.00	957.24	0.295	279.44	0.0	0.8	5.310	A
A-B	21.87	21.87	5.47	0.00			21.87				
A-C	394.17	394.17	98.54	0.00			394.17				
D-A	53.45	53.45	13.36	0.00	674.00	0.079	53.11	0.0	0.1	5.796	A
D-BC	41.41	41.41	10.35	0.00	395.09	0.105	40.94	0.0	0.1	10.152	B
C-ABD	2.85	2.85	0.71	0.00	792.89	0.004	2.84	0.0	0.0	4.556	A
C-D	132.81	132.81	33.20	0.00			132.81				
C-A	273.13	273.13	68.28	0.00			273.13				

Main results: (08:00-08:15)

Stream	Total Demand (PCU/hr)	Junction demand (PCU/hr)	Junction Arrivals (PCU)	Bypass demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-C	6.29	6.29	1.57	0.00	609.35	0.010	6.28	0.0	0.0	5.968	A
B-AD	66.52	66.52	16.63	0.00	351.19	0.189	66.25	0.2	0.2	12.619	B
A-BCD	418.68	418.68	104.67	0.00	1024.40	0.409	416.40	0.8	1.4	5.952	A
A-B	21.84	21.84	5.46	0.00			21.84				
A-C	393.73	393.73	98.43	0.00			393.73				
D-A	63.83	63.83	15.96	0.00	646.30	0.099	63.73	0.1	0.1	6.179	A
D-BC	49.44	49.44	12.36	0.00	346.11	0.143	49.25	0.1	0.2	12.120	B
C-ABD	3.88	3.88	0.97	0.00	819.60	0.005	3.88	0.0	0.0	4.412	A
C-D	158.44	158.44	39.61	0.00			158.44				
C-A	325.83	325.83	81.46	0.00			325.83				

Main results: (08:15-08:30)

Stream	Total Demand (PCU/hr)	Junction demand (PCU/hr)	Junction Arrivals (PCU)	Bypass demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-C	7.71	7.71	1.93	0.00	538.44	0.014	7.69	0.0	0.0	6.782	A
B-AD	81.48	81.48	20.37	0.00	288.26	0.283	80.86	0.2	0.4	17.305	C
A-BCD	693.56	693.56	173.39	0.00	1119.71	0.619	685.80	1.4	3.3	8.401	A
A-B	17.25	17.25	4.31	0.00			17.25				
A-C	310.94	310.94	77.74	0.00			310.94				
D-A	78.17	78.17	19.54	0.00	603.15	0.130	78.02	0.1	0.1	6.853	A
D-BC	60.56	60.56	15.14	0.00	278.77	0.217	60.13	0.2	0.3	16.433	C
C-ABD	5.70	5.70	1.43	0.00	856.90	0.007	5.69	0.0	0.0	4.229	A
C-D	193.74	193.74	48.43	0.00			193.74				
C-A	398.42	398.42	99.60	0.00			398.42				

Main results: (08:30-08:45)

Stream	Total Demand (PCU/hr)	Junction demand (PCU/hr)	Junction Arrivals (PCU)	Bypass demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-C	7.71	7.71	1.93	0.00	535.50	0.014	7.71	0.0	0.0	6.819	A
B-AD	81.48	81.48	20.37	0.00	286.50	0.284	81.45	0.4	0.4	17.549	C
A-BCD	701.35	701.35	175.34	0.00	1124.06	0.624	700.81	3.3	3.4	8.777	A
A-B	16.84	16.84	4.21	0.00			16.84				
A-C	303.56	303.56	75.89	0.00			303.56				
D-A	78.17	78.17	19.54	0.00	602.10	0.130	78.17	0.1	0.1	6.870	A
D-BC	60.56	60.56	15.14	0.00	277.13	0.219	60.54	0.3	0.3	16.619	C
C-ABD	5.72	5.72	1.43	0.00	855.75	0.007	5.72	0.0	0.0	4.236	A
C-D	193.73	193.73	48.43	0.00			193.73				
C-A	398.41	398.41	99.60	0.00			398.41				

Main results: (08:45-09:00)

Stream	Total Demand (PCU/hr)	Junction demand (PCU/hr)	Junction Arrivals (PCU)	Bypass demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-C	6.29	6.29	1.57	0.00	605.84	0.010	6.31	0.0	0.0	6.004	A
B-AD	66.52	66.52	16.63	0.00	348.80	0.191	67.13	0.4	0.2	12.807	B
A-BCD	424.96	424.96	106.24	0.00	1030.16	0.413	432.88	3.4	1.5	6.165	A
A-B	21.51	21.51	5.38	0.00			21.51				
A-C	387.78	387.78	96.94	0.00			387.78				
D-A	63.83	63.83	15.96	0.00	645.06	0.099	63.98	0.1	0.1	6.196	A
D-BC	49.44	49.44	12.36	0.00	343.96	0.144	49.87	0.3	0.2	12.257	B
C-ABD	3.90	3.90	0.97	0.00	817.92	0.005	3.91	0.0	0.0	4.422	A
C-D	158.43	158.43	39.61	0.00			158.43				
C-A	325.82	325.82	81.45	0.00			325.82				

Main results: (09:00-09:15)

Stream	Total Demand (PCU/hr)	Junction demand (PCU/hr)	Junction Arrivals (PCU)	Bypass demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-C	5.27	5.27	1.32	0.00	653.94	0.008	5.28	0.0	0.0	5.551	A
B-AD	55.71	55.71	13.93	0.00	395.75	0.141	56.01	0.2	0.2	10.607	B
A-BCD	285.97	285.97	71.49	0.00	959.76	0.298	288.47	1.5	0.8	5.409	A
A-B	21.69	21.69	5.42	0.00			21.69				
A-C	390.99	390.99	97.75	0.00			390.99				
D-A	53.45	53.45	13.36	0.00	672.94	0.079	53.55	0.1	0.1	5.812	A
D-BC	41.41	41.41	10.35	0.00	393.81	0.105	41.61	0.2	0.1	10.229	B
C-ABD	2.86	2.86	0.72	0.00	792.00	0.004	2.87	0.0	0.0	4.563	A
C-D	132.81	132.81	33.20	0.00			132.81				
C-A	273.13	273.13	68.28	0.00			273.13				

2016 Base, PM

Data Errors and Warnings

No errors or warnings

Analysis Set Details

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

Junction Network

Junctions

Junction	Name	Junction Type	Major road direction	Junction Delay (s)	Junction LOS
1	untitled	Right-Left Stagger	Two-way	3.26	A

Junction Network Options

[same as above]

Arms

Arms

[same as above]

Major Arm Geometry

[same as above]

Minor Arm Geometry

[same as above]

Slope / Intercept / Capacity

[same as above]

Traffic Demand

Demand Set Details

ID	Scenario name	Time Period name	Traffic profile type	Model start time (HH:mm)	Model finish time (HH:mm)	Time segment length (min)	Run automatically
D2	2016 Base	PM	ONE HOUR	16:45	18:15	15	✓

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

Demand overview (Traffic)

Arm	Linked arm	Profile type	Use O-D data	Av. Demand (PCU/hr)	Scaling Factor (%)
A		ONE HOUR	✓	517.00	100.000
B		ONE HOUR	✓	60.00	100.000
C		ONE HOUR	✓	565.00	100.000
D		ONE HOUR	✓	269.00	100.000

Origin-Destination Data

Demand (PCU/hr)

		To			
		A	B	C	D
From	A	0.000	25.000	453.000	39.000
	B	26.000	0.000	1.000	33.000
	C	537.000	3.000	0.000	25.000
	D	158.000	66.000	45.000	0.000

Proportions

		To			
		A	B	C	D
From	A	0.00	0.05	0.88	0.08
	B	0.43	0.00	0.02	0.55
	C	0.95	0.01	0.00	0.04
	D	0.59	0.25	0.17	0.00

Vehicle Mix

Heavy Vehicle proportion

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

Av. PCU Per Veh

		To			
		A	B	C	D
From	A	1.000	1.000	1.000	1.000
	B	1.000	1.000	1.000	1.000
	C	1.000	1.000	1.000	1.000
	D	1.000	1.000	1.000	1.000

Results

Results Summary for whole modelled period

Stream	Max RFC	Max delay (s)	Max Q (PCU)	Max LOS	Av. Demand (PCU/hr)	Total Junction Arrivals (PCU)
B-C	0.00	5.57	0.0	A	0.92	1.38
B-AD	0.18	12.18	0.2	B	54.14	81.21
A-BCD	0.12	4.82	0.3	A	76.09	114.14
A-B					20.83	31.25
A-C					377.48	566.23
D-A	0.33	10.04	0.5	B	144.98	217.48
D-BC	0.36	16.80	0.6	C	101.86	152.78
C-ABD	0.01	4.32	0.0	A	5.94	8.92
C-D					22.80	34.20
C-A					489.71	734.57

Main Results for each time segment

Main results: (16:45-17:00)

Stream	Total Demand (PCU/hr)	Junction demand (PCU/hr)	Junction Arrivals (PCU)	Bypass demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-C	0.75	0.75	0.19	0.00	722.76	0.001	0.75	0.0	0.0	4.985	A
B-AD	44.42	44.42	11.10	0.00	445.92	0.100	43.98	0.0	0.1	8.946	A
A-BCD	52.72	52.72	13.18	0.00	800.47	0.066	52.28	0.0	0.1	4.812	A
A-B	17.60	17.60	4.40	0.00			17.60				
A-C	318.90	318.90	79.73	0.00			318.90				
D-A	118.95	118.95	29.74	0.00	637.53	0.187	118.04	0.0	0.2	6.919	A
D-BC	83.57	83.57	20.89	0.00	437.12	0.191	82.63	0.0	0.2	10.130	B
C-ABD	4.18	4.18	1.05	0.00	837.88	0.005	4.16	0.0	0.0	4.317	A
C-D	18.74	18.74	4.68	0.00			18.74				
C-A	402.44	402.44	100.61	0.00			402.44				

Main results: (17:00-17:15)

Stream	Total Demand (PCU/hr)	Junction demand (PCU/hr)	Junction Arrivals (PCU)	Bypass demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-C	0.90	0.90	0.22	0.00	691.99	0.001	0.90	0.0	0.0	5.208	A
B-AD	53.04	53.04	13.26	0.00	410.06	0.129	52.89	0.1	0.1	10.075	B
A-BCD	71.37	71.37	17.84	0.00	830.53	0.086	71.16	0.1	0.2	4.742	A
A-B	20.58	20.58	5.14	0.00			20.58				
A-C	372.83	372.83	93.21	0.00			372.83				
D-A	142.04	142.04	35.51	0.00	597.92	0.238	141.72	0.2	0.3	7.885	A
D-BC	99.79	99.79	24.95	0.00	396.07	0.252	99.39	0.2	0.3	12.119	B
C-ABD	5.61	5.61	1.40	0.00	871.20	0.006	5.61	0.0	0.0	4.158	A
C-D	22.34	22.34	5.59	0.00			22.34				
C-A	479.97	479.97	119.99	0.00			479.97				

Main results: (17:15-17:30)

Stream	Total Demand (PCU/hr)	Junction demand (PCU/hr)	Junction Arrivals (PCU)	Bypass demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-C	1.10	1.10	0.28	0.00	647.58	0.002	1.10	0.0	0.0	5.568	A
B-AD	64.96	64.96	16.24	0.00	360.69	0.180	64.68	0.1	0.2	12.151	B
A-BCD	103.82	103.82	25.96	0.00	873.45	0.119	103.38	0.2	0.3	4.680	A
A-B	24.34	24.34	6.09	0.00			24.34				
A-C	441.06	441.06	110.27	0.00			441.06				
D-A	173.96	173.96	43.49	0.00	533.55	0.326	173.29	0.3	0.5	9.973	A
D-BC	122.21	122.21	30.55	0.00	336.58	0.363	121.32	0.3	0.6	16.654	C
C-ABD	8.02	8.02	2.01	0.00	916.38	0.009	8.01	0.0	0.0	3.962	A
C-D	27.32	27.32	6.83	0.00			27.32				
C-A	586.74	586.74	146.68	0.00			586.74				

Main results: (17:30-17:45)

Stream	Total Demand (PCU/hr)	Junction demand (PCU/hr)	Junction Arrivals (PCU)	Bypass demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-C	1.10	1.10	0.28	0.00	647.11	0.002	1.10	0.0	0.0	5.572	A
B-AD	64.96	64.96	16.24	0.00	360.45	0.180	64.95	0.2	0.2	12.182	B
A-BCD	104.03	104.03	26.01	0.00	873.61	0.119	104.01	0.3	0.3	4.684	A
A-B	24.33	24.33	6.08	0.00			24.33				
A-C	440.87	440.87	110.22	0.00			440.87				
D-A	173.96	173.96	43.49	0.00	532.40	0.327	173.94	0.5	0.5	10.041	B
D-BC	122.21	122.21	30.55	0.00	336.32	0.363	122.18	0.6	0.6	16.805	C
C-ABD	8.03	8.03	2.01	0.00	916.18	0.009	8.03	0.0	0.0	3.963	A
C-D	27.32	27.32	6.83	0.00			27.32				
C-A	586.73	586.73	146.68	0.00			586.73				

Main results: (17:45-18:00)

Stream	Total Demand (PCU/hr)	Junction demand (PCU/hr)	Junction Arrivals (PCU)	Bypass demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-C	0.90	0.90	0.22	0.00	691.35	0.001	0.90	0.0	0.0	5.213	A
B-AD	53.04	53.04	13.26	0.00	409.71	0.129	53.31	0.2	0.2	10.110	B
A-BCD	71.60	71.60	17.90	0.00	830.76	0.086	72.03	0.3	0.2	4.752	A
A-B	20.56	20.56	5.14	0.00			20.56				
A-C	372.61	372.61	93.15	0.00			372.61				
D-A	142.04	142.04	35.51	0.00	596.60	0.238	142.70	0.5	0.3	7.942	A
D-BC	99.79	99.79	24.95	0.00	395.88	0.252	100.67	0.6	0.3	12.231	B
C-ABD	5.62	5.62	1.40	0.00	870.89	0.006	5.63	0.0	0.0	4.160	A
C-D	22.34	22.34	5.59	0.00			22.34				
C-A	479.96	479.96	119.99	0.00			479.96				

Main results: (18:00-18:15)

Stream	Total Demand (PCU/hr)	Junction demand (PCU/hr)	Junction Arrivals (PCU)	Bypass demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-C	0.75	0.75	0.19	0.00	722.09	0.001	0.75	0.0	0.0	4.992	A
B-AD	44.42	44.42	11.10	0.00	445.58	0.100	44.57	0.2	0.1	8.982	A
A-BCD	53.00	53.00	13.25	0.00	800.58	0.066	53.22	0.2	0.1	4.820	A
A-B	17.58	17.58	4.40	0.00			17.58				
A-C	318.64	318.64	79.66	0.00			318.64				
D-A	118.95	118.95	29.74	0.00	636.32	0.187	119.29	0.3	0.2	6.969	A
D-BC	83.57	83.57	20.89	0.00	436.93	0.191	83.98	0.3	0.2	10.213	B
C-ABD	4.20	4.20	1.05	0.00	837.56	0.005	4.20	0.0	0.0	4.321	A
C-D	18.74	18.74	4.68	0.00			18.74				
C-A	402.43	402.43	100.61	0.00			402.43				

2021 Ref, AM

Data Errors and Warnings

No errors or warnings

Analysis Set Details

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

Junction Network

Junctions

Junction	Name	Junction Type	Major road direction	Junction Delay (s)	Junction LOS
1	untitled	Right-Left Stagger	Two-way	6.55	A

Junction Network Options

[same as above]

Arms

Arms

[same as above]

Major Arm Geometry

[same as above]

Minor Arm Geometry

[same as above]

Slope / Intercept / Capacity

[same as above]

Traffic Demand

Demand Set Details

ID	Scenario name	Time Period name	Traffic profile type	Model start time (HH:mm)	Model finish time (HH:mm)	Time segment length (min)	Run automatically
D3	2021 Ref	AM	ONE HOUR	07:45	09:15	15	✓

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

Demand overview (Traffic)

Arm	Linked arm	Profile type	Use O-D data	Av. Demand (PCU/hr)	Scaling Factor (%)
A		ONE HOUR	✓	1002.00	100.000
B		ONE HOUR	✓	87.00	100.000
C		ONE HOUR	✓	586.00	100.000
D		ONE HOUR	✓	136.00	100.000

Origin-Destination Data

Demand (PCU/hr)

		To			
		A	B	C	D
From	A	0.000	44.000	798.000	160.000
	B	19.000	0.000	8.000	60.000
	C	393.000	2.000	0.000	191.000
	D	77.000	42.000	17.000	0.000

Proportions

		To			
		A	B	C	D
From	A	0.00	0.04	0.80	0.16
	B	0.22	0.00	0.09	0.69
	C	0.67	0.00	0.00	0.33
	D	0.57	0.31	0.13	0.00

Vehicle Mix

Heavy Vehicle proportion

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

Av. PCU Per Veh

		To			
		A	B	C	D
From	A	1.000	1.000	1.000	1.000
	B	1.000	1.000	1.000	1.000
	C	1.000	1.000	1.000	1.000
	D	1.000	1.000	1.000	1.000

Results

Results Summary for whole modelled period

Stream	Max RFC	Max delay (s)	Max Q (PCU)	Max LOS	Av. Demand (PCU/hr)	Total Junction Arrivals (PCU)
B-C	0.02	7.37	0.0	A	7.34	11.01
B-AD	0.34	21.10	0.5	C	72.49	108.74
A-BCD	0.76	13.41	6.2	B	572.76	859.14
A-B					18.12	27.18
A-C					328.58	492.87
D-A	0.15	7.27	0.2	A	70.66	105.98
D-BC	0.26	19.89	0.4	C	54.14	81.21
C-ABD	0.01	4.50	0.0	A	4.45	6.68
C-D					174.41	261.61
C-A					358.86	538.29

Main Results for each time segment

Main results: (07:45-08:00)

Stream	Total Demand (PCU/hr)	Junction demand (PCU/hr)	Junction Arrivals (PCU)	Bypass demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-C	6.02	6.02	1.51	0.00	638.00	0.009	5.98	0.0	0.0	5.695	A
B-AD	59.48	59.48	14.87	0.00	378.51	0.157	58.74	0.0	0.2	11.232	B
A-BCD	330.06	330.06	82.52	0.00	982.54	0.336	326.15	0.0	1.0	5.484	A
A-B	22.17	22.17	5.54	0.00			22.17				
A-C	402.13	402.13	100.53	0.00			402.13				
D-A	57.97	57.97	14.49	0.00	664.09	0.087	57.59	0.0	0.1	5.931	A
D-BC	44.42	44.42	11.10	0.00	375.02	0.118	43.89	0.0	0.1	10.854	B
C-ABD	3.00	3.00	0.75	0.00	804.03	0.004	2.99	0.0	0.0	4.493	A
C-D	143.30	143.30	35.83	0.00			143.30				
C-A	294.86	294.86	73.72	0.00			294.86				

Main results: (08:00-08:15)

Stream	Total Demand (PCU/hr)	Junction demand (PCU/hr)	Junction Arrivals (PCU)	Bypass demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-C	7.19	7.19	1.80	0.00	586.25	0.012	7.18	0.0	0.0	6.216	A
B-AD	71.02	71.02	17.75	0.00	329.05	0.216	70.67	0.2	0.3	13.916	B
A-BCD	499.96	499.96	124.99	0.00	1056.54	0.473	496.66	1.0	1.8	6.477	A
A-B	20.95	20.95	5.24	0.00			20.95				
A-C	379.87	379.87	94.97	0.00			379.87				
D-A	69.22	69.22	17.31	0.00	632.97	0.109	69.11	0.1	0.1	6.385	A
D-BC	53.04	53.04	13.26	0.00	322.05	0.165	52.79	0.1	0.2	13.358	B
C-ABD	4.14	4.14	1.03	0.00	832.88	0.005	4.13	0.0	0.0	4.343	A
C-D	170.94	170.94	42.73	0.00			170.94				
C-A	351.72	351.72	87.93	0.00			351.72				

Main results: (08:15-08:30)

Stream	Total Demand (PCU/hr)	Junction demand (PCU/hr)	Junction Arrivals (PCU)	Bypass demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-C	8.81	8.81	2.20	0.00	503.47	0.017	8.79	0.0	0.0	7.276	A
B-AD	86.98	86.98	21.75	0.00	260.94	0.333	86.12	0.3	0.5	20.491	C
A-BCD	866.57	866.57	216.64	0.00	1164.41	0.744	850.95	1.8	5.7	11.770	B
A-B	12.37	12.37	3.09	0.00			12.37				
A-C	224.29	224.29	56.07	0.00			224.29				
D-A	84.78	84.78	21.19	0.00	581.62	0.146	84.59	0.1	0.2	7.243	A
D-BC	64.96	64.96	16.24	0.00	249.14	0.261	64.36	0.2	0.3	19.419	C
C-ABD	6.18	6.18	1.54	0.00	872.93	0.007	6.17	0.0	0.0	4.153	A
C-D	208.99	208.99	52.25	0.00			208.99				
C-A	430.03	430.03	107.51	0.00			430.03				

Main results: (08:30-08:45)

Stream	Total Demand (PCU/hr)	Junction demand (PCU/hr)	Junction Arrivals (PCU)	Bypass demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-C	8.81	8.81	2.20	0.00	497.35	0.018	8.81	0.0	0.0	7.367	A
B-AD	86.98	86.98	21.75	0.00	257.39	0.338	86.92	0.5	0.5	21.102	C
A-BCD	886.43	886.43	221.61	0.00	1173.48	0.755	884.27	5.7	6.2	13.415	B
A-B	11.33	11.33	2.83	0.00			11.33				
A-C	205.47	205.47	51.37	0.00			205.47				
D-A	84.78	84.78	21.19	0.00	579.57	0.146	84.77	0.2	0.2	7.274	A
D-BC	64.96	64.96	16.24	0.00	245.84	0.264	64.92	0.3	0.4	19.890	C
C-ABD	6.21	6.21	1.55	0.00	870.69	0.007	6.21	0.0	0.0	4.164	A
C-D	208.98	208.98	52.25	0.00			208.98				
C-A	430.00	430.00	107.50	0.00			430.00				

Main results: (08:45-09:00)

Stream	Total Demand (PCU/hr)	Junction demand (PCU/hr)	Junction Arrivals (PCU)	Bypass demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-C	7.19	7.19	1.80	0.00	579.37	0.012	7.21	0.0	0.0	6.291	A
B-AD	71.02	71.02	17.75	0.00	324.27	0.219	71.87	0.5	0.3	14.312	B
A-BCD	514.13	514.13	128.53	0.00	1068.28	0.481	531.19	6.2	2.0	7.018	A
A-B	20.20	20.20	5.05	0.00			20.20				
A-C	366.44	366.44	91.61	0.00			366.44				
D-A	69.22	69.22	17.31	0.00	631.00	0.110	69.41	0.2	0.1	6.411	A
D-BC	53.04	53.04	13.26	0.00	317.73	0.167	53.63	0.4	0.2	13.660	B
C-ABD	4.17	4.17	1.04	0.00	829.62	0.005	4.18	0.0	0.0	4.362	A
C-D	170.93	170.93	42.73	0.00			170.93				
C-A	351.71	351.71	87.93	0.00			351.71				

Main results: (09:00-09:15)

Stream	Total Demand (PCU/hr)	Junction demand (PCU/hr)	Junction Arrivals (PCU)	Bypass demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-C	6.02	6.02	1.51	0.00	635.39	0.009	6.03	0.0	0.0	5.719	A
B-AD	59.48	59.48	14.87	0.00	376.87	0.158	59.86	0.3	0.2	11.371	B
A-BCD	339.40	339.40	84.85	0.00	989.13	0.343	343.12	2.0	1.0	5.641	A
A-B	21.68	21.68	5.42	0.00			21.68				
A-C	393.28	393.28	98.32	0.00			393.28				
D-A	57.97	57.97	14.49	0.00	662.79	0.087	58.08	0.1	0.1	5.953	A
D-BC	44.42	44.42	11.10	0.00	373.30	0.119	44.69	0.2	0.1	10.965	B
C-ABD	3.02	3.02	0.75	0.00	802.82	0.004	3.02	0.0	0.0	4.502	A
C-D	143.30	143.30	35.82	0.00			143.30				
C-A	294.85	294.85	73.71	0.00			294.85				

2021 Ref, PM

Data Errors and Warnings

No errors or warnings

Analysis Set Details

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

Junction Network

Junctions

Junction	Name	Junction Type	Major road direction	Junction Delay (s)	Junction LOS
1	untitled	Right-Left Stagger	Two-way	3.80	A

Junction Network Options

[same as above]

Arms

Arms

[same as above]

Major Arm Geometry

[same as above]

Minor Arm Geometry

[same as above]

Slope / Intercept / Capacity

[same as above]

Traffic Demand

Demand Set Details

ID	Scenario name	Time Period name	Traffic profile type	Model start time (HH:mm)	Model finish time (HH:mm)	Time segment length (min)	Run automatically
D4	2021 Ref	PM	ONE HOUR	16:45	18:15	15	✓

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

Demand overview (Traffic)

Arm	Linked arm	Profile type	Use O-D data	Av. Demand (PCU/hr)	Scaling Factor (%)
A		ONE HOUR	✓	558.00	100.000
B		ONE HOUR	✓	65.00	100.000
C		ONE HOUR	✓	610.00	100.000
D		ONE HOUR	✓	291.00	100.000

Origin-Destination Data

Demand (PCU/hr)

		To			
		A	B	C	D
From	A	0.000	27.000	489.000	42.000
	B	28.000	0.000	1.000	36.000
	C	580.000	3.000	0.000	27.000
	D	171.000	71.000	49.000	0.000

Proportions

		To			
		A	B	C	D
From	A	0.00	0.05	0.88	0.08
	B	0.43	0.00	0.02	0.55
	C	0.95	0.00	0.00	0.04
	D	0.59	0.24	0.17	0.00

Vehicle Mix

Heavy Vehicle proportion

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

Av. PCU Per Veh

		To			
		A	B	C	D
From	A	1.000	1.000	1.000	1.000
	B	1.000	1.000	1.000	1.000
	C	1.000	1.000	1.000	1.000
	D	1.000	1.000	1.000	1.000

Results

Results Summary for whole modelled period

Stream	Max RFC	Max delay (s)	Max Q (PCU)	Max LOS	Av. Demand (PCU/hr)	Total Junction Arrivals (PCU)
B-C	0.00	5.76	0.0	A	0.92	1.38
B-AD	0.21	13.41	0.3	B	58.73	88.09
A-BCD	0.14	4.79	0.3	A	87.48	131.21
A-B					22.22	33.32
A-C					402.34	603.51
D-A	0.38	11.66	0.6	B	156.91	235.37
D-BC	0.43	20.38	0.7	C	110.11	165.17
C-ABD	0.01	4.25	0.0	A	6.30	9.45
C-D					24.62	36.93
C-A					528.83	793.24

Main Results for each time segment

Main results: (16:45-17:00)

Stream	Total Demand (PCU/hr)	Junction demand (PCU/hr)	Junction Arrivals (PCU)	Bypass demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-C	0.75	0.75	0.19	0.00	710.29	0.001	0.75	0.0	0.0	5.073	A
B-AD	48.18	48.18	12.05	0.00	431.29	0.112	47.69	0.0	0.1	9.372	A
A-BCD	59.67	59.67	14.92	0.00	812.55	0.073	59.15	0.0	0.1	4.777	A
A-B	18.86	18.86	4.71	0.00			18.86				
A-C	341.56	341.56	85.39	0.00			341.56				
D-A	128.74	128.74	32.18	0.00	622.07	0.207	127.70	0.0	0.3	7.267	A
D-BC	90.34	90.34	22.59	0.00	420.43	0.215	89.26	0.0	0.3	10.837	B
C-ABD	4.39	4.39	1.10	0.00	851.79	0.005	4.36	0.0	0.0	4.247	A
C-D	20.23	20.23	5.06	0.00			20.23				
C-A	434.62	434.62	108.66	0.00			434.62				

Main results: (17:00-17:15)

Stream	Total Demand (PCU/hr)	Junction demand (PCU/hr)	Junction Arrivals (PCU)	Bypass demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-C	0.90	0.90	0.22	0.00	676.40	0.001	0.90	0.0	0.0	5.328	A
B-AD	57.53	57.53	14.38	0.00	392.55	0.147	57.35	0.1	0.2	10.734	B
A-BCD	81.67	81.67	20.42	0.00	845.46	0.097	81.40	0.1	0.2	4.715	A
A-B	21.97	21.97	5.49	0.00			21.97				
A-C	397.99	397.99	99.50	0.00			397.99				
D-A	153.73	153.73	38.43	0.00	576.70	0.267	153.32	0.3	0.4	8.495	A
D-BC	107.88	107.88	26.97	0.00	375.32	0.287	107.37	0.3	0.4	13.410	B
C-ABD	5.93	5.93	1.48	0.00	887.48	0.007	5.93	0.0	0.0	4.083	A
C-D	24.13	24.13	6.03	0.00			24.13				
C-A	518.32	518.32	129.58	0.00			518.32				

Main results: (17:15-17:30)

Stream	Total Demand (PCU/hr)	Junction demand (PCU/hr)	Junction Arrivals (PCU)	Bypass demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-C	1.10	1.10	0.28	0.00	626.63	0.002	1.10	0.0	0.0	5.754	A
B-AD	70.47	70.47	17.62	0.00	339.22	0.208	70.11	0.2	0.3	13.360	B
A-BCD	120.61	120.61	30.15	0.00	892.30	0.135	120.04	0.2	0.3	4.666	A
A-B	25.84	25.84	6.46	0.00			25.84				
A-C	467.92	467.92	116.98	0.00			467.92				
D-A	188.27	188.27	47.07	0.00	498.81	0.377	187.33	0.4	0.6	11.522	B
D-BC	132.12	132.12	33.03	0.00	308.99	0.428	130.82	0.4	0.7	20.059	C
C-ABD	8.57	8.57	2.14	0.00	935.61	0.009	8.56	0.0	0.0	3.883	A
C-D	29.49	29.49	7.37	0.00			29.49				
C-A	633.56	633.56	158.39	0.00			633.56				

Main results: (17:30-17:45)

Stream	Total Demand (PCU/hr)	Junction demand (PCU/hr)	Junction Arrivals (PCU)	Bypass demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-C	1.10	1.10	0.28	0.00	625.95	0.002	1.10	0.0	0.0	5.760	A
B-AD	70.47	70.47	17.62	0.00	338.88	0.208	70.46	0.3	0.3	13.411	B
A-BCD	120.89	120.89	30.22	0.00	892.52	0.135	120.87	0.3	0.3	4.675	A
A-B	25.82	25.82	6.46	0.00			25.82				
A-C	467.66	467.66	116.91	0.00			467.66				
D-A	188.27	188.27	47.07	0.00	496.87	0.379	188.24	0.6	0.6	11.659	B
D-BC	132.12	132.12	33.03	0.00	308.55	0.428	132.07	0.7	0.7	20.380	C
C-ABD	8.58	8.58	2.15	0.00	935.34	0.009	8.58	0.0	0.0	3.885	A
C-D	29.49	29.49	7.37	0.00			29.49				
C-A	633.55	633.55	158.39	0.00			633.55				

Main results: (17:45-18:00)

Stream	Total Demand (PCU/hr)	Junction demand (PCU/hr)	Junction Arrivals (PCU)	Bypass demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-C	0.90	0.90	0.22	0.00	675.52	0.001	0.90	0.0	0.0	5.335	A
B-AD	57.53	57.53	14.38	0.00	392.06	0.147	57.88	0.3	0.2	10.782	B
A-BCD	81.99	81.99	20.50	0.00	845.76	0.097	82.55	0.3	0.2	4.726	A
A-B	21.96	21.96	5.49	0.00			21.96				
A-C	397.69	397.69	99.42	0.00			397.69				
D-A	153.73	153.73	38.43	0.00	574.70	0.267	154.66	0.6	0.4	8.590	A
D-BC	107.88	107.88	26.97	0.00	375.01	0.288	109.17	0.7	0.4	13.607	B
C-ABD	5.94	5.94	1.49	0.00	887.06	0.007	5.95	0.0	0.0	4.087	A
C-D	24.13	24.13	6.03	0.00			24.13				
C-A	518.31	518.31	129.58	0.00			518.31				

Main results: (18:00-18:15)

Stream	Total Demand (PCU/hr)	Junction demand (PCU/hr)	Junction Arrivals (PCU)	Bypass demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-C	0.75	0.75	0.19	0.00	709.47	0.001	0.75	0.0	0.0	5.081	A
B-AD	48.18	48.18	12.05	0.00	430.87	0.112	48.37	0.2	0.1	9.416	A
A-BCD	60.02	60.02	15.01	0.00	812.71	0.074	60.30	0.2	0.1	4.790	A
A-B	18.84	18.84	4.71	0.00			18.84				
A-C	341.23	341.23	85.31	0.00			341.23				
D-A	128.74	128.74	32.18	0.00	620.56	0.207	129.16	0.4	0.3	7.334	A
D-BC	90.34	90.34	22.59	0.00	420.17	0.215	90.88	0.4	0.3	10.949	B
C-ABD	4.40	4.40	1.10	0.00	851.41	0.005	4.41	0.0	0.0	4.249	A
C-D	20.23	20.23	5.06	0.00			20.23				
C-A	434.61	434.61	108.65	0.00			434.61				

2021 Ref + H26, AM

Data Errors and Warnings

No errors or warnings

Analysis Set Details

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

Junction Network

Junctions

Junction	Name	Junction Type	Major road direction	Junction Delay (s)	Junction LOS
1	untitled	Right-Left Stagger	Two-way	7.03	A

Junction Network Options

[same as above]

Arms

Arms

[same as above]

Major Arm Geometry

[same as above]

Minor Arm Geometry

[same as above]

Slope / Intercept / Capacity

[same as above]

Traffic Demand

Demand Set Details

ID	Scenario name	Time Period name	Traffic profile type	Model start time (HH:mm)	Model finish time (HH:mm)	Time segment length (min)	Run automatically
D5	2021 Ref + H26	AM	ONE HOUR	07:45	09:15	15	✓

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

Demand overview (Traffic)

Arm	Linked arm	Profile type	Use O-D data	Av. Demand (PCU/hr)	Scaling Factor (%)
A		ONE HOUR	✓	1004.00	100.000
B		ONE HOUR	✓	102.00	100.000
C		ONE HOUR	✓	586.00	100.000
D		ONE HOUR	✓	138.00	100.000

Origin-Destination Data

Demand (PCU/hr)

		To			
		A	B	C	D
From	A	0.000	46.000	798.000	160.000
	B	23.000	0.000	9.000	70.000
	C	393.000	2.000	0.000	191.000
	D	77.000	44.000	17.000	0.000

Proportions

		To			
		A	B	C	D
From	A	0.00	0.05	0.79	0.16
	B	0.23	0.00	0.09	0.69
	C	0.67	0.00	0.00	0.33
	D	0.56	0.32	0.12	0.00

Vehicle Mix

Heavy Vehicle proportion

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

Av. PCU Per Veh

		To			
		A	B	C	D
From	A	1.000	1.000	1.000	1.000
	B	1.000	1.000	1.000	1.000
	C	1.000	1.000	1.000	1.000
	D	1.000	1.000	1.000	1.000

Results

Results Summary for whole modelled period

Stream	Max RFC	Max delay (s)	Max Q (PCU)	Max LOS	Av. Demand (PCU/hr)	Total Junction Arrivals (PCU)
B-C	0.02	7.74	0.0	A	8.26	12.39
B-AD	0.40	23.29	0.6	C	85.34	128.01
A-BCD	0.76	13.95	6.5	B	578.87	868.30
A-B					18.66	27.99
A-C					323.76	485.64
D-A	0.15	7.39	0.2	A	70.66	105.98
D-BC	0.28	20.41	0.4	C	55.97	83.96
C-ABD	0.01	4.51	0.0	A	4.46	6.69
C-D					174.41	261.61
C-A					358.86	538.29

Main Results for each time segment

Main results: (07:45-08:00)

Stream	Total Demand (PCU/hr)	Junction demand (PCU/hr)	Junction Arrivals (PCU)	Bypass demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-C	6.78	6.78	1.69	0.00	631.50	0.011	6.73	0.0	0.0	5.761	A
B-AD	70.02	70.02	17.50	0.00	378.19	0.185	69.12	0.0	0.2	11.615	B
A-BCD	331.78	331.78	82.94	0.00	981.87	0.338	327.82	0.0	1.0	5.504	A
A-B	23.11	23.11	5.78	0.00			23.11				
A-C	400.97	400.97	100.24	0.00			400.97				
D-A	57.97	57.97	14.49	0.00	659.53	0.088	57.59	0.0	0.1	5.976	A
D-BC	45.92	45.92	11.48	0.00	374.29	0.123	45.37	0.0	0.1	10.928	B
C-ABD	3.01	3.01	0.75	0.00	803.46	0.004	2.99	0.0	0.0	4.497	A
C-D	143.30	143.30	35.83	0.00			143.30				
C-A	294.86	294.86	73.72	0.00			294.86				

Main results: (08:00-08:15)

Stream	Total Demand (PCU/hr)	Junction demand (PCU/hr)	Junction Arrivals (PCU)	Bypass demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-C	8.09	8.09	2.02	0.00	576.06	0.014	8.08	0.0	0.0	6.337	A
B-AD	83.61	83.61	20.90	0.00	328.65	0.254	83.16	0.2	0.3	14.638	B
A-BCD	503.52	503.52	125.88	0.00	1055.98	0.477	500.13	1.0	1.8	6.525	A
A-B	21.75	21.75	5.44	0.00			21.75				
A-C	377.31	377.31	94.33	0.00			377.31				
D-A	69.22	69.22	17.31	0.00	627.66	0.110	69.11	0.1	0.1	6.443	A
D-BC	54.84	54.84	13.71	0.00	320.72	0.171	54.58	0.1	0.2	13.512	B
C-ABD	4.14	4.14	1.04	0.00	832.23	0.005	4.14	0.0	0.0	4.347	A
C-D	170.94	170.94	42.73	0.00			170.94				
C-A	351.72	351.72	87.93	0.00			351.72				

Main results: (08:15-08:30)

Stream	Total Demand (PCU/hr)	Junction demand (PCU/hr)	Junction Arrivals (PCU)	Bypass demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-C	9.91	9.91	2.48	0.00	482.41	0.021	9.88	0.0	0.0	7.618	A
B-AD	102.39	102.39	25.60	0.00	260.42	0.393	101.24	0.3	0.6	22.450	C
A-BCD	875.43	875.43	218.86	0.00	1164.18	0.752	859.03	1.8	5.9	12.106	B
A-B	12.54	12.54	3.13	0.00			12.54				
A-C	217.46	217.46	54.37	0.00			217.46				
D-A	84.78	84.78	21.19	0.00	574.46	0.148	84.58	0.1	0.2	7.344	A
D-BC	67.16	67.16	16.79	0.00	246.98	0.272	66.52	0.2	0.4	19.878	C
C-ABD	6.19	6.19	1.55	0.00	872.18	0.007	6.18	0.0	0.0	4.156	A
C-D	208.99	208.99	52.25	0.00			208.99				
C-A	430.02	430.02	107.50	0.00			430.02				

Main results: (08:30-08:45)

Stream	Total Demand (PCU/hr)	Junction demand (PCU/hr)	Junction Arrivals (PCU)	Bypass demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-C	9.91	9.91	2.48	0.00	474.91	0.021	9.91	0.0	0.0	7.741	A
B-AD	102.39	102.39	25.60	0.00	256.69	0.399	102.30	0.6	0.6	23.287	C
A-BCD	896.62	896.62	224.16	0.00	1173.72	0.764	894.22	5.9	6.5	13.954	B
A-B	11.38	11.38	2.85	0.00			11.38				
A-C	197.42	197.42	49.36	0.00			197.42				
D-A	84.78	84.78	21.19	0.00	572.14	0.148	84.77	0.2	0.2	7.385	A
D-BC	67.16	67.16	16.79	0.00	243.47	0.276	67.12	0.4	0.4	20.411	C
C-ABD	6.23	6.23	1.56	0.00	869.83	0.007	6.23	0.0	0.0	4.168	A
C-D	208.98	208.98	52.24	0.00			208.98				
C-A	429.99	429.99	107.50	0.00			429.99				

Main results: (08:45-09:00)

Stream	Total Demand (PCU/hr)	Junction demand (PCU/hr)	Junction Arrivals (PCU)	Bypass demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-C	8.09	8.09	2.02	0.00	568.21	0.014	8.12	0.0	0.0	6.427	A
B-AD	83.61	83.61	20.90	0.00	323.61	0.258	84.77	0.6	0.4	15.145	C
A-BCD	524.51	524.51	131.13	0.00	1071.08	0.490	542.44	6.5	2.1	7.154	A
A-B	20.61	20.61	5.15	0.00			20.61				
A-C	357.46	357.46	89.36	0.00			357.46				
D-A	69.22	69.22	17.31	0.00	625.49	0.111	69.41	0.2	0.1	6.475	A
D-BC	54.84	54.84	13.71	0.00	316.09	0.173	55.48	0.4	0.2	13.848	B
C-ABD	4.17	4.17	1.04	0.00	828.80	0.005	4.18	0.0	0.0	4.367	A
C-D	170.93	170.93	42.73	0.00			170.93				
C-A	351.70	351.70	87.93	0.00			351.70				

Main results: (09:00-09:15)

Stream	Total Demand (PCU/hr)	Junction demand (PCU/hr)	Junction Arrivals (PCU)	Bypass demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-C	6.78	6.78	1.69	0.00	628.56	0.011	6.79	0.0	0.0	5.789	A
B-AD	70.02	70.02	17.50	0.00	376.47	0.186	70.51	0.4	0.2	11.784	B
A-BCD	341.35	341.35	85.34	0.00	988.63	0.345	345.31	2.1	1.1	5.668	A
A-B	22.59	22.59	5.65	0.00			22.59				
A-C	391.92	391.92	97.98	0.00			391.92				
D-A	57.97	57.97	14.49	0.00	658.13	0.088	58.08	0.1	0.1	5.999	A
D-BC	45.92	45.92	11.48	0.00	372.46	0.123	46.21	0.2	0.1	11.045	B
C-ABD	3.02	3.02	0.76	0.00	802.20	0.004	3.03	0.0	0.0	4.506	A
C-D	143.30	143.30	35.82	0.00			143.30				
C-A	294.85	294.85	73.71	0.00			294.85				

2021 Ref + H26, PM

Data Errors and Warnings

No errors or warnings

Analysis Set Details

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

Junction Network

Junctions

Junction	Name	Junction Type	Major road direction	Junction Delay (s)	Junction LOS
1	untitled	Right-Left Stagger	Two-way	4.12	A

Junction Network Options

[same as above]

Arms

Arms

[same as above]

Major Arm Geometry

[same as above]

Minor Arm Geometry

[same as above]

Slope / Intercept / Capacity

[same as above]

Traffic Demand

Demand Set Details

ID	Scenario name	Time Period name	Traffic profile type	Model start time (HH:mm)	Model finish time (HH:mm)	Time segment length (min)	Run automatically
D6	2021 Ref + H26	PM	ONE HOUR	16:45	18:15	15	✓

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

Demand overview (Traffic)

Arm	Linked arm	Profile type	Use O-D data	Av. Demand (PCU/hr)	Scaling Factor (%)
A		ONE HOUR	✓	561.00	100.000
B		ONE HOUR	✓	69.00	100.000
C		ONE HOUR	✓	611.00	100.000
D		ONE HOUR	✓	300.00	100.000

Origin-Destination Data

Demand (PCU/hr)

		To			
		A	B	C	D
From	A	0.000	30.000	489.000	42.000
	B	30.000	0.000	1.000	38.000
	C	580.000	4.000	0.000	27.000
	D	171.000	80.000	49.000	0.000

Proportions

		To			
		A	B	C	D
From	A	0.00	0.05	0.87	0.07
	B	0.43	0.00	0.01	0.55
	C	0.95	0.01	0.00	0.04
	D	0.57	0.27	0.16	0.00

Vehicle Mix

Heavy Vehicle proportion

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

Av. PCU Per Veh

		To			
		A	B	C	D
From	A	1.000	1.000	1.000	1.000
	B	1.000	1.000	1.000	1.000
	C	1.000	1.000	1.000	1.000
	D	1.000	1.000	1.000	1.000

Results

Results Summary for whole modelled period

Stream	Max RFC	Max delay (s)	Max Q (PCU)	Max LOS	Av. Demand (PCU/hr)	Total Junction Arrivals (PCU)
B-C	0.00	5.81	0.0	A	0.92	1.38
B-AD	0.22	13.73	0.3	B	62.40	93.60
A-BCD	0.14	4.78	0.3	A	87.93	131.90
A-B					24.67	37.01
A-C					402.18	603.27
D-A	0.39	12.32	0.6	B	156.91	235.37
D-BC	0.46	21.68	0.8	C	118.37	177.56
C-ABD	0.01	4.27	0.0	A	8.43	12.65
C-D					24.56	36.85
C-A					527.67	791.50

Main Results for each time segment

Main results: (16:45-17:00)

Stream	Total Demand (PCU/hr)	Junction demand (PCU/hr)	Junction Arrivals (PCU)	Bypass demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-C	0.75	0.75	0.19	0.00	707.64	0.001	0.75	0.0	0.0	5.092	A
B-AD	51.19	51.19	12.80	0.00	430.01	0.119	50.66	0.0	0.1	9.476	A
A-BCD	59.91	59.91	14.98	0.00	813.51	0.074	59.39	0.0	0.1	4.772	A
A-B	20.95	20.95	5.24	0.00			20.95				
A-C	341.49	341.49	85.37	0.00			341.49				
D-A	128.74	128.74	32.18	0.00	613.70	0.210	127.69	0.0	0.3	7.393	A
D-BC	97.12	97.12	24.28	0.00	422.14	0.230	95.94	0.0	0.3	10.997	B
C-ABD	5.86	5.86	1.47	0.00	850.12	0.007	5.83	0.0	0.0	4.263	A
C-D	20.20	20.20	5.05	0.00			20.20				
C-A	433.93	433.93	108.48	0.00			433.93				

Main results: (17:00-17:15)

Stream	Total Demand (PCU/hr)	Junction demand (PCU/hr)	Junction Arrivals (PCU)	Bypass demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-C	0.90	0.90	0.22	0.00	672.90	0.001	0.90	0.0	0.0	5.356	A
B-AD	61.13	61.13	15.28	0.00	391.02	0.156	60.93	0.1	0.2	10.899	B
A-BCD	82.07	82.07	20.52	0.00	846.63	0.097	81.79	0.1	0.2	4.711	A
A-B	24.41	24.41	6.10	0.00			24.41				
A-C	397.85	397.85	99.46	0.00			397.85				
D-A	153.73	153.73	38.43	0.00	566.24	0.271	153.30	0.3	0.4	8.709	A
D-BC	115.97	115.97	28.99	0.00	376.21	0.308	115.40	0.3	0.4	13.772	B
C-ABD	7.93	7.93	1.98	0.00	885.58	0.009	7.92	0.0	0.0	4.101	A
C-D	24.08	24.08	6.02	0.00			24.08				
C-A	517.26	517.26	129.32	0.00			517.26				

Main results: (17:15-17:30)

Stream	Total Demand (PCU/hr)	Junction demand (PCU/hr)	Junction Arrivals (PCU)	Bypass demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-C	1.10	1.10	0.28	0.00	621.41	0.002	1.10	0.0	0.0	5.802	A
B-AD	74.87	74.87	18.72	0.00	337.34	0.222	74.48	0.2	0.3	13.674	B
A-BCD	121.34	121.34	30.33	0.00	893.77	0.136	120.76	0.2	0.3	4.662	A
A-B	28.69	28.69	7.17	0.00			28.69				
A-C	467.64	467.64	116.91	0.00			467.64				
D-A	188.27	188.27	47.07	0.00	482.74	0.390	187.24	0.4	0.6	12.141	B
D-BC	142.03	142.03	35.51	0.00	308.30	0.461	140.50	0.4	0.8	21.260	C
C-ABD	11.48	11.48	2.87	0.00	933.45	0.012	11.46	0.0	0.0	3.904	A
C-D	29.41	29.41	7.35	0.00			29.41				
C-A	631.83	631.83	157.96	0.00			631.83				

Main results: (17:30-17:45)

Stream	Total Demand (PCU/hr)	Junction demand (PCU/hr)	Junction Arrivals (PCU)	Bypass demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-C	1.10	1.10	0.28	0.00	620.64	0.002	1.10	0.0	0.0	5.810	A
B-AD	74.87	74.87	18.72	0.00	336.96	0.222	74.86	0.3	0.3	13.734	B
A-BCD	121.62	121.62	30.41	0.00	893.99	0.136	121.61	0.3	0.3	4.671	A
A-B	28.67	28.67	7.17	0.00			28.67				
A-C	467.37	467.37	116.84	0.00			467.37				
D-A	188.27	188.27	47.07	0.00	480.35	0.392	188.23	0.6	0.6	12.320	B
D-BC	142.03	142.03	35.51	0.00	307.79	0.461	141.96	0.8	0.8	21.684	C
C-ABD	11.49	11.49	2.87	0.00	933.14	0.012	11.49	0.0	0.0	3.905	A
C-D	29.41	29.41	7.35	0.00			29.41				
C-A	631.82	631.82	157.95	0.00			631.82				

Main results: (17:45-18:00)

Stream	Total Demand (PCU/hr)	Junction demand (PCU/hr)	Junction Arrivals (PCU)	Bypass demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-C	0.90	0.90	0.22	0.00	671.91	0.001	0.90	0.0	0.0	5.364	A
B-AD	61.13	61.13	15.28	0.00	390.48	0.157	61.51	0.3	0.2	10.957	B
A-BCD	82.39	82.39	20.60	0.00	846.93	0.097	82.95	0.3	0.2	4.719	A
A-B	24.39	24.39	6.10	0.00			24.39				
A-C	397.55	397.55	99.39	0.00			397.55				
D-A	153.73	153.73	38.43	0.00	563.87	0.273	154.75	0.6	0.4	8.822	A
D-BC	115.97	115.97	28.99	0.00	375.86	0.309	117.50	0.8	0.5	14.012	B
C-ABD	7.95	7.95	1.99	0.00	885.11	0.009	7.96	0.0	0.0	4.104	A
C-D	24.08	24.08	6.02	0.00			24.08				
C-A	517.25	517.25	129.31	0.00			517.25				

Main results: (18:00-18:15)

Stream	Total Demand (PCU/hr)	Junction demand (PCU/hr)	Junction Arrivals (PCU)	Bypass demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-C	0.75	0.75	0.19	0.00	706.76	0.001	0.75	0.0	0.0	5.100	A
B-AD	51.19	51.19	12.80	0.00	429.57	0.119	51.40	0.2	0.1	9.524	A
A-BCD	60.26	60.26	15.07	0.00	813.66	0.074	60.54	0.2	0.1	4.784	A
A-B	20.93	20.93	5.23	0.00			20.93				
A-C	341.16	341.16	85.29	0.00			341.16				
D-A	128.74	128.74	32.18	0.00	612.03	0.210	129.18	0.4	0.3	7.461	A
D-BC	97.12	97.12	24.28	0.00	421.85	0.230	97.73	0.5	0.3	11.127	B
C-ABD	5.88	5.88	1.47	0.00	849.72	0.007	5.89	0.0	0.0	4.267	A
C-D	20.20	20.20	5.05	0.00			20.20				
C-A	433.91	433.91	108.48	0.00			433.91				

2021 Ref + H26 + Dev, AM

Data Errors and Warnings

No errors or warnings

Analysis Set Details

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

Junction Network

Junctions

Junction	Name	Junction Type	Major road direction	Junction Delay (s)	Junction LOS
1	untitled	Right-Left Stagger	Two-way	7.52	A

Junction Network Options

[same as above]

Arms

Arms

[same as above]

Major Arm Geometry

[same as above]

Minor Arm Geometry

[same as above]

Slope / Intercept / Capacity

[same as above]

Traffic Demand

Demand Set Details

ID	Scenario name	Time Period name	Traffic profile type	Model start time (HH:mm)	Model finish time (HH:mm)	Time segment length (min)	Run automatically
D7	2021 Ref + H26 + Dev	AM	ONE HOUR	07:45	09:15	15	✓

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

Demand overview (Traffic)

Arm	Linked arm	Profile type	Use O-D data	Av. Demand (PCU/hr)	Scaling Factor (%)
A		ONE HOUR	✓	1006.00	100.000
B		ONE HOUR	✓	115.00	100.000
C		ONE HOUR	✓	586.00	100.000
D		ONE HOUR	✓	140.00	100.000

Origin-Destination Data

Demand (PCU/hr)

		To			
		A	B	C	D
From	A	0.000	48.000	798.000	160.000
	B	26.000	0.000	10.000	79.000
	C	393.000	2.000	0.000	191.000
	D	77.000	46.000	17.000	0.000

Proportions

		To			
		A	B	C	D
From	A	0.00	0.05	0.79	0.16
	B	0.23	0.00	0.09	0.69
	C	0.67	0.00	0.00	0.33
	D	0.55	0.33	0.12	0.00

Vehicle Mix

Heavy Vehicle proportion

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

Av. PCU Per Veh

		To			
		A	B	C	D
From	A	1.000	1.000	1.000	1.000
	B	1.000	1.000	1.000	1.000
	C	1.000	1.000	1.000	1.000
	D	1.000	1.000	1.000	1.000

Results

Results Summary for whole modelled period

Stream	Max RFC	Max delay (s)	Max Q (PCU)	Max LOS	Av. Demand (PCU/hr)	Total Junction Arrivals (PCU)
B-C	0.02	8.16	0.0	A	9.18	13.76
B-AD	0.45	25.57	0.8	D	96.35	144.52
A-BCD	0.77	14.48	6.8	B	583.65	875.48
A-B					19.26	28.89
A-C					320.21	480.32
D-A	0.15	7.49	0.2	A	70.66	105.98
D-BC	0.29	20.89	0.4	C	57.81	86.71
C-ABD	0.01	4.51	0.0	A	4.47	6.70
C-D					174.40	261.61
C-A					358.85	538.28

Main Results for each time segment

Main results: (07:45-08:00)

Stream	Total Demand (PCU/hr)	Junction demand (PCU/hr)	Junction Arrivals (PCU)	Bypass demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-C	7.53	7.53	1.88	0.00	625.47	0.012	7.48	0.0	0.0	5.825	A
B-AD	79.05	79.05	19.76	0.00	377.86	0.209	78.01	0.0	0.3	11.967	B
A-BCD	333.37	333.37	83.34	0.00	981.44	0.340	329.37	0.0	1.0	5.521	A
A-B	24.06	24.06	6.01	0.00			24.06				
A-C	399.95	399.95	99.99	0.00			399.95				
D-A	57.97	57.97	14.49	0.00	655.34	0.088	57.58	0.0	0.1	6.018	A
D-BC	47.43	47.43	11.86	0.00	373.80	0.127	46.86	0.0	0.1	10.993	B
C-ABD	3.01	3.01	0.75	0.00	802.90	0.004	2.99	0.0	0.0	4.500	A
C-D	143.30	143.30	35.83	0.00			143.30				
C-A	294.86	294.86	73.71	0.00			294.86				

Main results: (08:00-08:15)

Stream	Total Demand (PCU/hr)	Junction demand (PCU/hr)	Junction Arrivals (PCU)	Bypass demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-C	8.99	8.99	2.25	0.00	566.27	0.016	8.97	0.0	0.0	6.459	A
B-AD	94.39	94.39	23.60	0.00	328.24	0.288	93.86	0.3	0.4	15.323	C
A-BCD	506.80	506.80	126.70	0.00	1055.69	0.480	503.34	1.0	1.9	6.564	A
A-B	22.56	22.56	5.64	0.00			22.56				
A-C	375.02	375.02	93.75	0.00			375.02				
D-A	69.22	69.22	17.31	0.00	622.79	0.111	69.11	0.1	0.1	6.499	A
D-BC	56.64	56.64	14.16	0.00	319.70	0.177	56.36	0.1	0.2	13.657	B
C-ABD	4.15	4.15	1.04	0.00	831.58	0.005	4.14	0.0	0.0	4.350	A
C-D	170.94	170.94	42.73	0.00			170.94				
C-A	351.72	351.72	87.93	0.00			351.72				

Main results: (08:15-08:30)

Stream	Total Demand (PCU/hr)	Junction demand (PCU/hr)	Junction Arrivals (PCU)	Bypass demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-C	11.01	11.01	2.75	0.00	461.11	0.024	10.98	0.0	0.0	7.997	A
B-AD	115.61	115.61	28.90	0.00	259.90	0.445	114.13	0.4	0.8	24.445	C
A-BCD	883.63	883.63	220.91	0.00	1164.23	0.759	866.49	1.9	6.1	12.420	B
A-B	12.71	12.71	3.18	0.00			12.71				
A-C	211.29	211.29	52.82	0.00			211.29				
D-A	84.78	84.78	21.19	0.00	567.80	0.149	84.58	0.1	0.2	7.446	A
D-BC	69.36	69.36	17.34	0.00	245.23	0.283	68.68	0.2	0.4	20.312	C
C-ABD	6.20	6.20	1.55	0.00	871.44	0.007	6.19	0.0	0.0	4.160	A
C-D	208.99	208.99	52.25	0.00			208.99				
C-A	430.01	430.01	107.50	0.00			430.01				

Main results: (08:30-08:45)

Stream	Total Demand (PCU/hr)	Junction demand (PCU/hr)	Junction Arrivals (PCU)	Bypass demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-C	11.01	11.01	2.75	0.00	452.00	0.024	11.01	0.0	0.0	8.163	A
B-AD	115.61	115.61	28.90	0.00	256.00	0.452	115.47	0.8	0.8	25.565	D
A-BCD	906.13	906.13	226.53	0.00	1174.19	0.772	903.48	6.1	6.8	14.477	B
A-B	11.43	11.43	2.86	0.00			11.43				
A-C	190.06	190.06	47.52	0.00			190.06				
D-A	84.78	84.78	21.19	0.00	565.20	0.150	84.77	0.2	0.2	7.492	A
D-BC	69.36	69.36	17.34	0.00	241.49	0.287	69.32	0.4	0.4	20.895	C
C-ABD	6.24	6.24	1.56	0.00	868.98	0.007	6.24	0.0	0.0	4.174	A
C-D	208.97	208.97	52.24	0.00			208.97				
C-A	429.98	429.98	107.50	0.00			429.98				

Main results: (08:45-09:00)

Stream	Total Demand (PCU/hr)	Junction demand (PCU/hr)	Junction Arrivals (PCU)	Bypass demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-C	8.99	8.99	2.25	0.00	557.33	0.016	9.02	0.0	0.0	6.567	A
B-AD	94.39	94.39	23.60	0.00	322.96	0.292	95.90	0.8	0.4	15.956	C
A-BCD	528.84	528.84	132.21	0.00	1071.42	0.494	547.73	6.8	2.1	7.240	A
A-B	21.31	21.31	5.33	0.00			21.31				
A-C	354.22	354.22	88.56	0.00			354.22				
D-A	69.22	69.22	17.31	0.00	620.41	0.112	69.42	0.2	0.1	6.537	A
D-BC	56.64	56.64	14.16	0.00	314.77	0.180	57.32	0.4	0.2	14.018	B
C-ABD	4.18	4.18	1.04	0.00	827.98	0.005	4.19	0.0	0.0	4.369	A
C-D	170.93	170.93	42.73	0.00			170.93				
C-A	351.70	351.70	87.92	0.00			351.70				

Main results: (09:00-09:15)

Stream	Total Demand (PCU/hr)	Junction demand (PCU/hr)	Junction Arrivals (PCU)	Bypass demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-C	7.53	7.53	1.88	0.00	622.22	0.012	7.55	0.0	0.0	5.856	A
B-AD	79.05	79.05	19.76	0.00	376.11	0.210	79.66	0.4	0.3	12.170	B
A-BCD	343.14	343.14	85.78	0.00	988.29	0.347	347.21	2.1	1.1	5.687	A
A-B	23.50	23.50	5.88	0.00			23.50				
A-C	390.73	390.73	97.68	0.00			390.73				
D-A	57.97	57.97	14.49	0.00	653.86	0.089	58.08	0.1	0.1	6.045	A
D-BC	47.43	47.43	11.86	0.00	371.90	0.128	47.73	0.2	0.1	11.115	B
C-ABD	3.02	3.02	0.76	0.00	801.60	0.004	3.03	0.0	0.0	4.507	A
C-D	143.30	143.30	35.82	0.00			143.30				
C-A	294.85	294.85	73.71	0.00			294.85				

2021 Ref + H26 + Dev, PM

Data Errors and Warnings

No errors or warnings

Analysis Set Details

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

Junction Network

Junctions

Junction	Name	Junction Type	Major road direction	Junction Delay (s)	Junction LOS
1	untitled	Right-Left Stagger	Two-way	4.50	A

Junction Network Options

[same as above]

Arms

Arms

[same as above]

Major Arm Geometry

[same as above]

Minor Arm Geometry

[same as above]

Slope / Intercept / Capacity

[same as above]

Traffic Demand

Demand Set Details

ID	Scenario name	Time Period name	Traffic profile type	Model start time (HH:mm)	Model finish time (HH:mm)	Time segment length (min)	Run automatically
D8	2021 Ref + H26 + Dev	PM	ONE HOUR	16:45	18:15	15	✓

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

Demand overview (Traffic)

Arm	Linked arm	Profile type	Use O-D data	Av. Demand (PCU/hr)	Scaling Factor (%)
A		ONE HOUR	✓	565.00	100.000
B		ONE HOUR	✓	73.00	100.000
C		ONE HOUR	✓	611.00	100.000
D		ONE HOUR	✓	310.00	100.000

Origin-Destination Data

Demand (PCU/hr)

		To			
		A	B	C	D
From	A	0.000	34.000	489.000	42.000
	B	32.000	0.000	1.000	40.000
	C	580.000	4.000	0.000	27.000
	D	171.000	90.000	49.000	0.000

Proportions

		To			
		A	B	C	D
From	A	0.00	0.06	0.87	0.07
	B	0.44	0.00	0.01	0.55
	C	0.95	0.01	0.00	0.04
	D	0.55	0.29	0.16	0.00

Vehicle Mix

Heavy Vehicle proportion

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

Av. PCU Per Veh

		To			
		A	B	C	D
From	A	1.000	1.000	1.000	1.000
	B	1.000	1.000	1.000	1.000
	C	1.000	1.000	1.000	1.000
	D	1.000	1.000	1.000	1.000

Results

Results Summary for whole modelled period

Stream	Max RFC	Max delay (s)	Max Q (PCU)	Max LOS	Av. Demand (PCU/hr)	Total Junction Arrivals (PCU)
B-C	0.00	5.86	0.0	A	0.92	1.38
B-AD	0.24	14.06	0.3	B	66.07	99.10
A-BCD	0.14	4.78	0.3	A	88.51	132.77
A-B					27.95	41.93
A-C					401.99	602.99
D-A	0.41	13.18	0.7	B	156.91	235.37
D-BC	0.50	23.39	1.0	C	127.55	191.32
C-ABD	0.01	4.28	0.0	A	8.47	12.70
C-D					24.56	36.84
C-A					527.64	791.45

Main Results for each time segment

Main results: (16:45-17:00)

Stream	Total Demand (PCU/hr)	Junction demand (PCU/hr)	Junction Arrivals (PCU)	Bypass demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-C	0.75	0.75	0.19	0.00	704.79	0.001	0.75	0.0	0.0	5.112	A
B-AD	54.21	54.21	13.55	0.00	428.87	0.126	53.63	0.0	0.1	9.579	A
A-BCD	60.21	60.21	15.05	0.00	814.97	0.074	59.69	0.0	0.1	4.765	A
A-B	23.74	23.74	5.93	0.00			23.74				
A-C	341.41	341.41	85.35	0.00			341.41				
D-A	128.74	128.74	32.18	0.00	604.65	0.213	127.67	0.0	0.3	7.531	A
D-BC	104.65	104.65	26.16	0.00	423.78	0.247	103.36	0.0	0.3	11.191	B
C-ABD	5.87	5.87	1.47	0.00	848.17	0.007	5.85	0.0	0.0	4.273	A
C-D	20.20	20.20	5.05	0.00			20.20				
C-A	433.92	433.92	108.48	0.00			433.92				

Main results: (17:00-17:15)

Stream	Total Demand (PCU/hr)	Junction demand (PCU/hr)	Junction Arrivals (PCU)	Bypass demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-C	0.90	0.90	0.22	0.00	669.11	0.001	0.90	0.0	0.0	5.386	A
B-AD	64.73	64.73	16.18	0.00	389.65	0.166	64.51	0.1	0.2	11.066	B
A-BCD	82.57	82.57	20.64	0.00	848.41	0.097	82.30	0.1	0.2	4.703	A
A-B	27.65	27.65	6.91	0.00			27.65				
A-C	397.70	397.70	99.43	0.00			397.70				
D-A	153.73	153.73	38.43	0.00	554.67	0.277	153.28	0.3	0.4	8.959	A
D-BC	124.96	124.96	31.24	0.00	376.94	0.332	124.31	0.3	0.5	14.213	B
C-ABD	7.96	7.96	1.99	0.00	883.37	0.009	7.95	0.0	0.0	4.112	A
C-D	24.08	24.08	6.02	0.00			24.08				
C-A	517.24	517.24	129.31	0.00			517.24				

Main results: (17:15-17:30)

Stream	Total Demand (PCU/hr)	Junction demand (PCU/hr)	Junction Arrivals (PCU)	Bypass demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-C	1.10	1.10	0.28	0.00	615.77	0.002	1.10	0.0	0.0	5.856	A
B-AD	79.27	79.27	19.82	0.00	335.65	0.236	78.85	0.2	0.3	13.994	B
A-BCD	122.26	122.26	30.57	0.00	895.99	0.136	121.68	0.2	0.3	4.654	A
A-B	32.49	32.49	8.12	0.00			32.49				
A-C	467.32	467.32	116.83	0.00			467.32				
D-A	188.27	188.27	47.07	0.00	464.27	0.406	187.12	0.4	0.7	12.935	B
D-BC	153.04	153.04	38.26	0.00	307.22	0.498	151.20	0.5	0.9	22.803	C
C-ABD	11.54	11.54	2.88	0.00	930.93	0.012	11.52	0.0	0.0	3.915	A
C-D	29.41	29.41	7.35	0.00			29.41				
C-A	631.77	631.77	157.94	0.00			631.77				

Main results: (17:30-17:45)

Stream	Total Demand (PCU/hr)	Junction demand (PCU/hr)	Junction Arrivals (PCU)	Bypass demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-C	1.10	1.10	0.28	0.00	614.89	0.002	1.10	0.0	0.0	5.864	A
B-AD	79.27	79.27	19.82	0.00	335.23	0.236	79.26	0.3	0.3	14.064	B
A-BCD	122.55	122.55	30.64	0.00	896.20	0.137	122.54	0.3	0.3	4.661	A
A-B	32.47	32.47	8.12	0.00			32.47				
A-C	467.05	467.05	116.76	0.00			467.05				
D-A	188.27	188.27	47.07	0.00	461.27	0.408	188.22	0.7	0.7	13.178	B
D-BC	153.04	153.04	38.26	0.00	306.61	0.499	152.94	0.9	1.0	23.387	C
C-ABD	11.55	11.55	2.89	0.00	930.57	0.012	11.55	0.0	0.0	3.917	A
C-D	29.41	29.41	7.35	0.00			29.41				
C-A	631.76	631.76	157.94	0.00			631.76				

Main results: (17:45-18:00)

Stream	Total Demand (PCU/hr)	Junction demand (PCU/hr)	Junction Arrivals (PCU)	Bypass demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-C	0.90	0.90	0.22	0.00	668.01	0.001	0.90	0.0	0.0	5.395	A
B-AD	64.73	64.73	16.18	0.00	389.05	0.166	65.14	0.3	0.2	11.128	B
A-BCD	82.90	82.90	20.72	0.00	848.71	0.098	83.47	0.3	0.2	4.712	A
A-B	27.63	27.63	6.91	0.00			27.63				
A-C	397.40	397.40	99.35	0.00			397.40				
D-A	153.73	153.73	38.43	0.00	551.80	0.279	154.88	0.7	0.4	9.097	A
D-BC	124.96	124.96	31.24	0.00	376.54	0.332	126.81	1.0	0.5	14.520	B
C-ABD	7.97	7.97	1.99	0.00	882.82	0.009	7.99	0.0	0.0	4.116	A
C-D	24.08	24.08	6.02	0.00			24.08				
C-A	517.22	517.22	129.31	0.00			517.22				

Main results: (18:00-18:15)

Stream	Total Demand (PCU/hr)	Junction demand (PCU/hr)	Junction Arrivals (PCU)	Bypass demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-C	0.75	0.75	0.19	0.00	703.84	0.001	0.75	0.0	0.0	5.121	A
B-AD	54.21	54.21	13.55	0.00	428.41	0.127	54.43	0.2	0.1	9.631	A
A-BCD	60.57	60.57	15.14	0.00	815.12	0.074	60.85	0.2	0.1	4.778	A
A-B	23.71	23.71	5.93	0.00			23.71				
A-C	341.08	341.08	85.27	0.00			341.08				
D-A	128.74	128.74	32.18	0.00	602.78	0.214	129.21	0.4	0.3	7.611	A
D-BC	104.65	104.65	26.16	0.00	423.46	0.247	105.34	0.5	0.3	11.340	B
C-ABD	5.89	5.89	1.47	0.00	847.73	0.007	5.90	0.0	0.0	4.276	A
C-D	20.20	20.20	5.05	0.00			20.20				
C-A	433.90	433.90	108.47	0.00			433.90				

Junctions 9

PICADY 9 - Priority Intersection Module

Version: 9.0.0.4211 []

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Filename: Rugby Road Junction.j9
Path: P:\17000's\17380\Junction Modelling
Report generation date: 28/11/2016 14:58:46

Summary of junction performance

	AM					PM				
	Q (PCU)	Delay (s)	RFC	LOS	Res Cap	Q (PCU)	Delay (s)	RFC	LOS	Res Cap
	2016 Base									
Stream B-CD	0.2	8.17	0.16	A		0.1	7.09	0.11	A	
Stream B-AD	0.1	9.58	0.10	A		0.1	8.62	0.08	A	
Stream A-BCD	0.0	4.97	0.03	A		0.0	5.50	0.01	A	
Stream A-B										
Stream A-C					112 %					118 %
Stream D-AB	0.1	8.78	0.09	A	[Stream D-BC]	0.1	8.68	0.10	A	[Stream D-BC]
Stream D-BC	0.3	10.35	0.21	B		0.3	10.13	0.23	B	
Stream C-ABD	0.2	5.59	0.12	A		0.1	4.97	0.07	A	
Stream C-D										
Stream C-A										
	2021 Ref									
Stream B-CD	0.2	8.48	0.18	A		0.1	7.25	0.12	A	
Stream B-AD	0.1	9.93	0.11	A		0.1	8.83	0.08	A	
Stream A-BCD	0.0	4.94	0.03	A		0.0	5.50	0.01	A	
Stream A-B										
Stream A-C					97 %					103 %
Stream D-AB	0.1	9.15	0.10	A	[Stream D-BC]	0.1	9.01	0.11	A	[Stream D-BC]
Stream D-BC	0.3	10.87	0.23	B		0.3	10.60	0.25	B	
Stream C-ABD	0.2	5.63	0.13	A		0.1	4.94	0.08	A	
Stream C-D										
Stream C-A										
	2021 Ref + H26									
Stream B-CD	0.2	8.56	0.18	A		0.1	7.37	0.13	A	
Stream B-AD	0.1	9.99	0.11	A		0.1	8.89	0.09	A	
Stream A-BCD	0.0	4.94	0.03	A		0.0	5.52	0.01	A	
Stream A-B										
Stream A-C					88 %					96 %
Stream D-AB	0.1	9.34	0.11	A	[Stream D-BC]	0.1	9.13	0.12	A	[Stream D-BC]
Stream D-BC	0.3	11.22	0.25	B		0.4	10.83	0.26	B	
Stream C-ABD	0.2	5.62	0.13	A		0.1	4.93	0.08	A	
Stream C-D										
Stream C-A										
	2021 Ref + H26 + Dev									
Stream B-CD	0.2	8.63	0.19	A		0.2	7.46	0.13	A	
Stream B-AD	0.1	10.06	0.12	B		0.1	8.94	0.09	A	
Stream A-BCD	0.0	4.95	0.03	A		0.0	5.53	0.01	A	
Stream A-B										
Stream A-C					81 %					91 %
Stream D-AB	0.1	9.57	0.12	A	[Stream D-BC]	0.1	9.26	0.13	A	[Stream D-BC]
Stream D-BC	0.4	11.54	0.27	B		0.4	11.02	0.27	B	
Stream C-ABD	0.2	5.61	0.13	A		0.1	4.92	0.08	A	
Stream C-D										
Stream C-A										

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

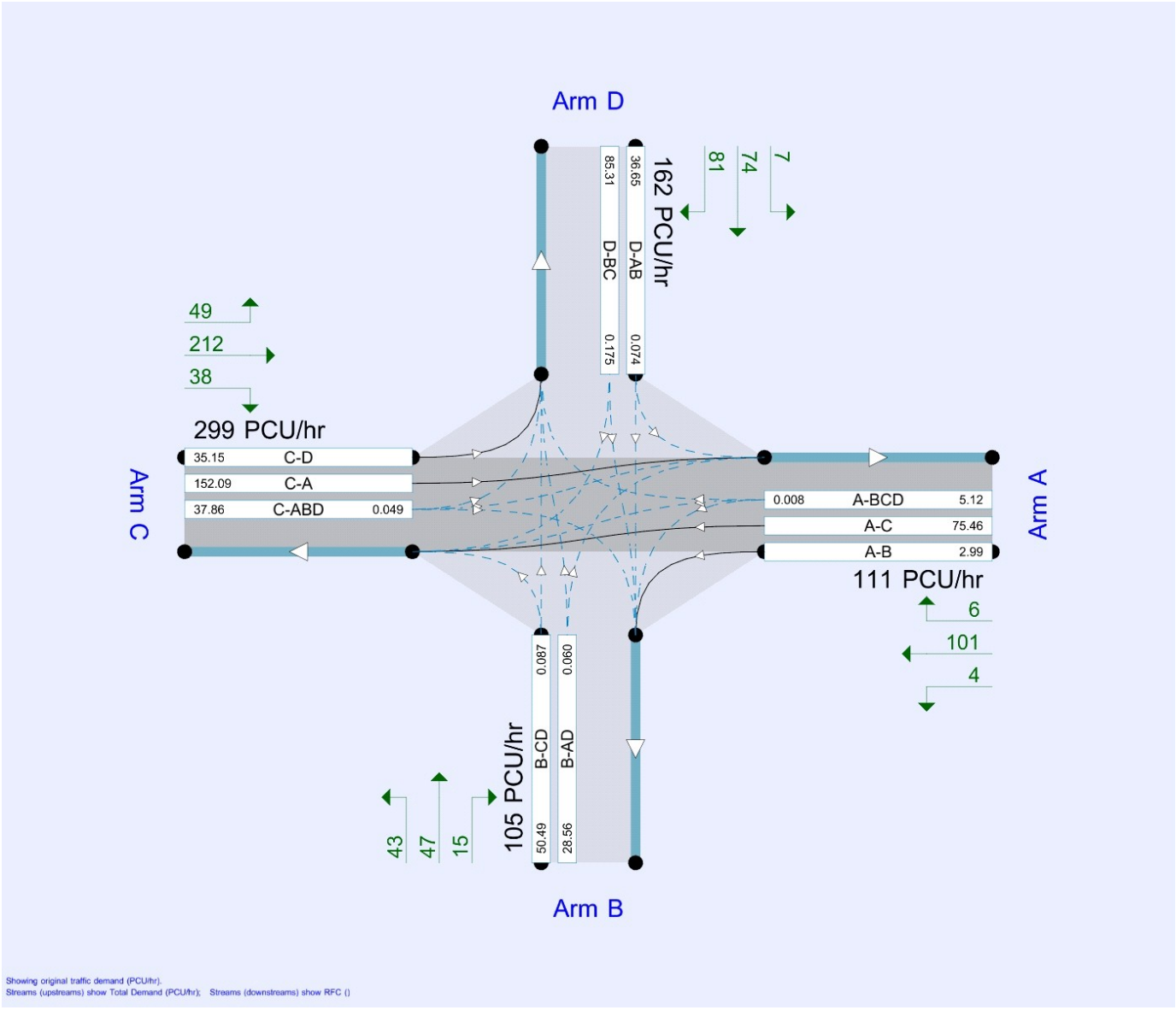
File summary

File Description

Title	(untitled)
Location	
Site number	
Date	28/11/2016
Version	
Status	(new file)
Identifier	
Client	
Jobnumber	
Enumerator	DTA"arcady
Description	

Units

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



The junction diagram reflects the last run of Junctions.

Analysis Options

Vehicle length (m)	Calculate Q Percentiles	Calculate detailed queueing delay	Calculate residual capacity	Residual capacity criteria type	RFC Threshold	Av. Delay threshold (s)	Q threshold (PCU)
5.75			✓	Delay	0.85	36.00	20.00

Demand Set Summary

Scenario name	Time Period name	Traffic profile type	Model start time (HH:mm)	Model finish time (HH:mm)	Time segment length (min)	Run automatically
2016 Base	AM	ONE HOUR	07:45	09:15	15	✓
2016 Base	PM	ONE HOUR	16:45	18:15	15	✓
2021 Ref	AM	ONE HOUR	07:45	09:15	15	✓
2021 Ref	PM	ONE HOUR	16:45	18:15	15	✓
2021 Ref + H26	AM	ONE HOUR	07:45	09:15	15	✓
2021 Ref + H26	PM	ONE HOUR	16:45	18:15	15	✓
2021 Ref + H26 + Dev	AM	ONE HOUR	07:45	09:15	15	✓
2021 Ref + H26 + Dev	PM	ONE HOUR	16:45	18:15	15	✓

2016 Base, AM

Data Errors and Warnings

No errors or warnings

Analysis Set Details

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

Junction Network

Junctions

Junction	Name	Junction Type	Major road direction	Junction Delay (s)	Junction LOS
1	untitled	Crossroads	Two-way	3.65	A

Junction Network Options

Driving side	Lighting	Res Cap (%)	First arm reaching threshold
Left	Normal/unknown	112	Stream D-BC

Arms

Arms

Arm	Name	Description	Arm type
A	Rugby Road E	Rugby Road E	Major
B	Church Hill	Church Hill	Minor
C	Rugby Road W	Rugby Road W	Major
D	Coventry Road	Coventry Road	Minor

Major Arm Geometry

Arm	Width of carriageway (m)	Has kerbed central reserve	Has right turn bay	Visibility for right turn (m)	Blocks?	Blocking queue (PCU)
A	7.00			160.0	✓	0.00
C	7.00			160.0	✓	0.00

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

Minor Arm Geometry

Arm	Minor arm type	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	7.50	3.90	3.20	3.00	3.00		1.00	23	37
D	One lane plus flare	10.00	6.00	4.30	3.80	3.50	✓	1.00	70	25

Slope / Intercept / Capacity

Priority Intersection Slopes and Intercepts

Junction	Stream	Intercept (PCU/hr)	Slope for A-B	Slope for A-C	Slope for A-D	Slope for B-A	Slope for B-C	Slope for B-D	Slope for C-A	Slope for C-B	Slope for C-D	Slope for D-A	Slope for D-B	Slope for D-C
1	A-D	666.621	-	-	-	-	-	-	0.247	0.353	0.247	-	-	-
1	B-A	540.993	0.094	0.238	0.238	-	-	-	0.150	0.340	-	0.238	0.238	0.119
1	B-C	695.828	0.102	0.258	-	-	-	-	-	-	-	-	-	-
1	B-D, nearside lane	540.993	0.094	0.238	0.238	-	-	-	0.150	0.340	0.150	-	-	-
1	B-D, offside lane	540.993	0.094	0.238	0.238	-	-	-	0.150	0.340	0.150	-	-	-
1	C-B	666.621	0.247	0.247	0.353	-	-	-	-	-	-	-	-	-
1	D-A	703.717	-	-	-	-	-	-	0.261	-	0.103	-	-	-
1	D-B, nearside lane	563.828	0.156	0.156	0.355	-	-	-	0.248	0.248	0.098	-	-	-
1	D-B, offside lane	563.828	0.156	0.156	0.355	-	-	-	0.248	0.248	0.098	-	-	-
1	D-C	563.828	-	0.156	0.355	0.124	0.248	0.248	0.248	0.248	0.098	-	-	-

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

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

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

Traffic Demand

Demand Set Details

ID	Scenario name	Time Period name	Traffic profile type	Model start time (HH:mm)	Model finish time (HH:mm)	Time segment length (min)	Run automatically
D1	2016 Base	AM	ONE HOUR	07:45	09:15	15	✓

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

Demand overview (Traffic)

Arm	Linked arm	Profile type	Use O-D data	Av. Demand (PCU/hr)	Scaling Factor (%)
A		ONE HOUR	✓	259.00	100.000
B		ONE HOUR	✓	116.00	100.000
C		ONE HOUR	✓	243.00	100.000
D		ONE HOUR	✓	120.00	100.000

Origin-Destination Data

Demand (PCU/hr)

		To			
		A	B	C	D
From	A	0.000	21.000	225.000	13.000
	B	13.000	0.000	52.000	51.000
	C	127.000	57.000	0.000	59.000
	D	5.000	55.000	60.000	0.000

Proportions

		To			
		A	B	C	D
From	A	0.00	0.08	0.87	0.05
	B	0.11	0.00	0.45	0.44
	C	0.52	0.23	0.00	0.24
	D	0.04	0.46	0.50	0.00

Vehicle Mix

Heavy Vehicle proportion

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

Av. PCU Per Veh

		To			
		A	B	C	D
From	A	1.000	1.000	1.000	1.000
	B	1.000	1.000	1.000	1.000
	C	1.000	1.000	1.000	1.000
	D	1.000	1.000	1.000	1.000

Results

Results Summary for whole modelled period

Stream	Max RFC	Max delay (s)	Max Q (PCU)	Max LOS	Av. Demand (PCU/hr)	Total Junction Arrivals (PCU)
B-CD	0.16	8.17	0.2	A	71.79	107.69
B-AD	0.10	9.58	0.1	A	34.65	51.98
A-BCD	0.03	4.97	0.0	A	16.88	25.32
A-B					18.85	28.27
A-C					201.93	302.90
D-AB	0.09	8.78	0.1	A	33.02	49.53
D-BC	0.21	10.35	0.3	B	77.09	115.64
C-ABD	0.12	5.59	0.2	A	68.87	103.30
C-D					48.89	73.33
C-A					105.23	157.84

Main Results for each time segment

Main results: (07:45-08:00)

Stream	Total Demand (PCU/hr)	Junction demand (PCU/hr)	Junction Arrivals (PCU)	Bypass demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-CD	58.76	58.76	14.69	0.00	563.01	0.104	58.30	0.0	0.1	7.127	A
B-AD	28.57	28.57	7.14	0.00	457.45	0.062	28.31	0.0	0.1	8.383	A
A-BCD	12.90	12.90	3.23	0.00	737.46	0.018	12.82	0.0	0.0	4.968	A
A-B	15.54	15.54	3.89	0.00			15.54				
A-C	166.54	166.54	41.64	0.00			166.54				
D-AB	26.44	26.44	6.61	0.00	494.22	0.053	26.21	0.0	0.1	7.689	A
D-BC	63.90	63.90	15.98	0.00	479.65	0.133	63.30	0.0	0.2	8.635	A
C-ABD	53.10	53.10	13.28	0.00	708.90	0.075	52.68	0.0	0.1	5.484	A
C-D	41.19	41.19	10.30	0.00			41.19				
C-A	88.65	88.65	22.16	0.00			88.65				

Main results: (08:00-08:15)

Stream	Total Demand (PCU/hr)	Junction demand (PCU/hr)	Junction Arrivals (PCU)	Bypass demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-CD	70.29	70.29	17.57	0.00	548.03	0.128	70.17	0.1	0.1	7.531	A
B-AD	33.99	33.99	8.50	0.00	440.70	0.077	33.92	0.1	0.1	8.849	A
A-BCD	16.27	16.27	4.07	0.00	751.72	0.022	16.25	0.0	0.0	4.894	A
A-B	18.49	18.49	4.62	0.00			18.49				
A-C	198.08	198.08	49.52	0.00			198.08				
D-AB	32.16	32.16	8.04	0.00	476.06	0.068	32.09	0.1	0.1	8.108	A
D-BC	75.72	75.72	18.93	0.00	462.81	0.164	75.55	0.2	0.2	9.292	A
C-ABD	66.22	66.22	16.56	0.00	717.77	0.092	66.10	0.1	0.1	5.525	A
C-D	48.29	48.29	12.07	0.00			48.29				
C-A	103.94	103.94	25.99	0.00			103.94				

Main results: (08:15-08:30)

Stream	Total Demand (PCU/hr)	Junction demand (PCU/hr)	Junction Arrivals (PCU)	Bypass demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-CD	86.32	86.32	21.58	0.00	527.03	0.164	86.12	0.1	0.2	8.161	A
B-AD	41.40	41.40	10.35	0.00	417.43	0.099	41.30	0.1	0.1	9.569	A
A-BCD	21.44	21.44	5.36	0.00	771.73	0.028	21.41	0.0	0.0	4.797	A
A-B	22.51	22.51	5.63	0.00			22.51				
A-C	241.21	241.21	60.30	0.00			241.21				
D-AB	40.44	40.44	10.11	0.00	450.52	0.090	40.34	0.1	0.1	8.775	A
D-BC	91.68	91.68	22.92	0.00	439.53	0.209	91.42	0.2	0.3	10.325	B
C-ABD	87.16	87.16	21.79	0.00	731.66	0.119	86.96	0.1	0.2	5.587	A
C-D	57.22	57.22	14.30	0.00			57.22				
C-A	123.17	123.17	30.79	0.00			123.17				

Main results: (08:30-08:45)

Stream	Total Demand (PCU/hr)	Junction demand (PCU/hr)	Junction Arrivals (PCU)	Bypass demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-CD	86.32	86.32	21.58	0.00	526.94	0.164	86.32	0.2	0.2	8.169	A
B-AD	41.40	41.40	10.35	0.00	417.33	0.099	41.40	0.1	0.1	9.575	A
A-BCD	21.45	21.45	5.36	0.00	771.69	0.028	21.45	0.0	0.0	4.798	A
A-B	22.51	22.51	5.63	0.00			22.51				
A-C	241.20	241.20	60.30	0.00			241.20				
D-AB	40.46	40.46	10.11	0.00	450.34	0.090	40.45	0.1	0.1	8.782	A
D-BC	91.67	91.67	22.92	0.00	439.43	0.209	91.66	0.3	0.3	10.351	B
C-ABD	87.21	87.21	21.80	0.00	731.71	0.119	87.21	0.2	0.2	5.588	A
C-D	57.20	57.20	14.30	0.00			57.20				
C-A	123.13	123.13	30.78	0.00			123.13				

Main results: (08:45-09:00)

Stream	Total Demand (PCU/hr)	Junction demand (PCU/hr)	Junction Arrivals (PCU)	Bypass demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-CD	70.30	70.30	17.57	0.00	547.90	0.128	70.48	0.2	0.1	7.542	A
B-AD	33.99	33.99	8.50	0.00	440.55	0.077	34.09	0.1	0.1	8.860	A
A-BCD	16.29	16.29	4.07	0.00	751.64	0.022	16.32	0.0	0.0	4.897	A
A-B	18.49	18.49	4.62	0.00			18.49				
A-C	198.06	198.06	49.52	0.00			198.06				
D-AB	32.18	32.18	8.04	0.00	475.77	0.068	32.28	0.1	0.1	8.118	A
D-BC	75.70	75.70	18.93	0.00	462.64	0.164	75.96	0.3	0.2	9.315	A
C-ABD	66.28	66.28	16.57	0.00	717.83	0.092	66.48	0.2	0.1	5.530	A
C-D	48.27	48.27	12.07	0.00			48.27				
C-A	103.90	103.90	25.97	0.00			103.90				

Main results: (09:00-09:15)

Stream	Total Demand (PCU/hr)	Junction demand (PCU/hr)	Junction Arrivals (PCU)	Bypass demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-CD	58.77	58.77	14.69	0.00	562.78	0.104	58.89	0.1	0.1	7.145	A
B-AD	28.56	28.56	7.14	0.00	457.18	0.062	28.63	0.1	0.1	8.403	A
A-BCD	12.93	12.93	3.23	0.00	737.31	0.018	12.95	0.0	0.0	4.971	A
A-B	15.54	15.54	3.89	0.00			15.54				
A-C	166.52	166.52	41.63	0.00			166.52				
D-AB	26.46	26.46	6.62	0.00	493.76	0.054	26.53	0.1	0.1	7.705	A
D-BC	63.88	63.88	15.97	0.00	479.35	0.133	64.05	0.2	0.2	8.671	A
C-ABD	53.21	53.21	13.30	0.00	708.95	0.075	53.33	0.1	0.1	5.493	A
C-D	41.15	41.15	10.29	0.00			41.15				
C-A	88.58	88.58	22.15	0.00			88.58				

2016 Base, PM

Data Errors and Warnings

No errors or warnings

Analysis Set Details

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

Junction Network

Junctions

Junction	Name	Junction Type	Major road direction	Junction Delay (s)	Junction LOS
1	untitled	Crossroads	Two-way	3.82	A

Junction Network Options

[same as above]

Arms

Arms

[same as above]

Major Arm Geometry

[same as above]

Minor Arm Geometry

[same as above]

Slope / Intercept / Capacity

[same as above]

Traffic Demand

Demand Set Details

ID	Scenario name	Time Period name	Traffic profile type	Model start time (HH:mm)	Model finish time (HH:mm)	Time segment length (min)	Run automatically
D2	2016 Base	PM	ONE HOUR	16:45	18:15	15	✓

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

Demand overview (Traffic)

Arm	Linked arm	Profile type	Use O-D data	Av. Demand (PCU/hr)	Scaling Factor (%)
A		ONE HOUR	✓	103.00	100.000
B		ONE HOUR	✓	91.00	100.000
C		ONE HOUR	✓	270.00	100.000
D		ONE HOUR	✓	138.00	100.000

Origin-Destination Data

Demand (PCU/hr)

		To			
		A	B	C	D
From	A	0.000	4.000	94.000	5.000
	B	14.000	0.000	40.000	37.000
	C	196.000	35.000	0.000	39.000
	D	6.000	63.000	69.000	0.000

Proportions

		To			
		A	B	C	D
From	A	0.00	0.04	0.91	0.05
	B	0.15	0.00	0.44	0.41
	C	0.73	0.13	0.00	0.14
	D	0.04	0.46	0.50	0.00

Vehicle Mix

Heavy Vehicle proportion

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

Av. PCU Per Veh

		To			
		A	B	C	D
From	A	1.000	1.000	1.000	1.000
	B	1.000	1.000	1.000	1.000
	C	1.000	1.000	1.000	1.000
	D	1.000	1.000	1.000	1.000

Results

Results Summary for whole modelled period

Stream	Max RFC	Max delay (s)	Max Q (PCU)	Max LOS	Av. Demand (PCU/hr)	Total Junction Arrivals (PCU)
B-CD	0.11	7.09	0.1	A	54.18	81.27
B-AD	0.08	8.62	0.1	A	29.33	43.99
A-BCD	0.01	5.50	0.0	A	5.32	7.98
A-B					3.64	5.46
A-C					85.55	128.33
D-AB	0.10	8.68	0.1	A	38.45	57.67
D-BC	0.23	10.13	0.3	B	88.18	132.27
C-ABD	0.07	4.97	0.1	A	44.04	66.06
C-D					33.81	50.71
C-A					169.91	254.86

Main Results for each time segment

Main results: (16:45-17:00)

Stream	Total Demand (PCU/hr)	Junction demand (PCU/hr)	Junction Arrivals (PCU)	Bypass demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-CD	44.35	44.35	11.09	0.00	594.36	0.075	44.03	0.0	0.1	6.539	A
B-AD	24.16	24.16	6.04	0.00	481.00	0.050	23.95	0.0	0.1	7.873	A
A-BCD	4.23	4.23	1.06	0.00	662.16	0.006	4.20	0.0	0.0	5.471	A
A-B	2.99	2.99	0.75	0.00			2.99				
A-C	70.32	70.32	17.58	0.00			70.32				
D-AB	30.75	30.75	7.69	0.00	502.34	0.061	30.49	0.0	0.1	7.626	A
D-BC	73.15	73.15	18.29	0.00	493.75	0.148	72.46	0.0	0.2	8.531	A
C-ABD	33.96	33.96	8.49	0.00	759.40	0.045	33.70	0.0	0.1	4.960	A
C-D	28.10	28.10	7.02	0.00			28.10				
C-A	141.21	141.21	35.30	0.00			141.21				

Main results: (17:00-17:15)

Stream	Total Demand (PCU/hr)	Junction demand (PCU/hr)	Junction Arrivals (PCU)	Bypass demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-CD	53.05	53.05	13.26	0.00	585.31	0.091	52.97	0.1	0.1	6.762	A
B-AD	28.76	28.76	7.19	0.00	469.03	0.061	28.71	0.1	0.1	8.174	A
A-BCD	5.18	5.18	1.29	0.00	661.68	0.008	5.17	0.0	0.0	5.482	A
A-B	3.57	3.57	0.89	0.00			3.57				
A-C	83.85	83.85	20.96	0.00			83.85				
D-AB	37.44	37.44	9.36	0.00	485.63	0.077	37.37	0.1	0.1	8.030	A
D-BC	86.62	86.62	21.66	0.00	479.70	0.181	86.44	0.2	0.2	9.150	A
C-ABD	42.56	42.56	10.64	0.00	777.41	0.055	42.48	0.1	0.1	4.900	A
C-D	33.22	33.22	8.30	0.00			33.22				
C-A	166.95	166.95	41.74	0.00			166.95				

Main results: (17:15-17:30)

Stream	Total Demand (PCU/hr)	Junction demand (PCU/hr)	Junction Arrivals (PCU)	Bypass demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-CD	65.13	65.13	16.28	0.00	572.63	0.114	65.01	0.1	0.1	7.089	A
B-AD	35.07	35.07	8.77	0.00	452.52	0.077	34.99	0.1	0.1	8.621	A
A-BCD	6.56	6.56	1.64	0.00	661.34	0.010	6.55	0.0	0.0	5.497	A
A-B	4.36	4.36	1.09	0.00			4.36				
A-C	102.49	102.49	25.62	0.00			102.49				
D-AB	47.12	47.12	11.78	0.00	462.00	0.102	47.01	0.1	0.1	8.673	A
D-BC	104.82	104.82	26.20	0.00	460.14	0.228	104.52	0.2	0.3	10.115	B
C-ABD	55.52	55.52	13.88	0.00	802.13	0.069	55.39	0.1	0.1	4.823	A
C-D	40.12	40.12	10.03	0.00			40.12				
C-A	201.63	201.63	50.41	0.00			201.63				

Main results: (17:30-17:45)

Stream	Total Demand (PCU/hr)	Junction demand (PCU/hr)	Junction Arrivals (PCU)	Bypass demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-CD	65.13	65.13	16.28	0.00	572.58	0.114	65.13	0.1	0.1	7.093	A
B-AD	35.07	35.07	8.77	0.00	452.45	0.078	35.06	0.1	0.1	8.624	A
A-BCD	6.56	6.56	1.64	0.00	661.30	0.010	6.56	0.0	0.0	5.499	A
A-B	4.36	4.36	1.09	0.00			4.36				
A-C	102.49	102.49	25.62	0.00			102.49				
D-AB	47.14	47.14	11.79	0.00	461.83	0.102	47.14	0.1	0.1	8.680	A
D-BC	104.80	104.80	26.20	0.00	460.08	0.228	104.79	0.3	0.3	10.132	B
C-ABD	55.55	55.55	13.89	0.00	802.16	0.069	55.55	0.1	0.1	4.825	A
C-D	40.12	40.12	10.03	0.00			40.12				
C-A	201.61	201.61	50.40	0.00			201.61				

Main results: (17:45-18:00)

Stream	Total Demand (PCU/hr)	Junction demand (PCU/hr)	Junction Arrivals (PCU)	Bypass demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-CD	53.05	53.05	13.26	0.00	585.23	0.091	53.16	0.1	0.1	6.766	A
B-AD	28.76	28.76	7.19	0.00	468.91	0.061	28.83	0.1	0.1	8.181	A
A-BCD	5.18	5.18	1.29	0.00	661.62	0.008	5.19	0.0	0.0	5.483	A
A-B	3.57	3.57	0.89	0.00			3.57				
A-C	83.85	83.85	20.96	0.00			83.85				
D-AB	37.46	37.46	9.37	0.00	485.36	0.077	37.57	0.1	0.1	8.042	A
D-BC	86.60	86.60	21.65	0.00	479.60	0.181	86.88	0.3	0.2	9.173	A
C-ABD	42.60	42.60	10.65	0.00	777.45	0.055	42.72	0.1	0.1	4.901	A
C-D	33.21	33.21	8.30	0.00			33.21				
C-A	166.91	166.91	41.73	0.00			166.91				

Main results: (18:00-18:15)

Stream	Total Demand (PCU/hr)	Junction demand (PCU/hr)	Junction Arrivals (PCU)	Bypass demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-CD	44.36	44.36	11.09	0.00	594.20	0.075	44.43	0.1	0.1	6.550	A
B-AD	24.15	24.15	6.04	0.00	480.78	0.050	24.20	0.1	0.1	7.886	A
A-BCD	4.23	4.23	1.06	0.00	662.06	0.006	4.24	0.0	0.0	5.472	A
A-B	2.99	2.99	0.75	0.00			2.99				
A-C	70.32	70.32	17.58	0.00			70.32				
D-AB	30.78	30.78	7.69	0.00	501.92	0.061	30.85	0.1	0.1	7.642	A
D-BC	73.11	73.11	18.28	0.00	493.56	0.148	73.30	0.2	0.2	8.571	A
C-ABD	34.04	34.04	8.51	0.00	759.44	0.045	34.12	0.1	0.1	4.966	A
C-D	28.09	28.09	7.02	0.00			28.09				
C-A	141.15	141.15	35.29	0.00			141.15				

2021 Ref, AM

Data Errors and Warnings

No errors or warnings

Analysis Set Details

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

Junction Network

Junctions

Junction	Name	Junction Type	Major road direction	Junction Delay (s)	Junction LOS
1	untitled	Crossroads	Two-way	3.80	A

Junction Network Options

[same as above]

Arms

Arms

[same as above]

Major Arm Geometry

[same as above]

Minor Arm Geometry

[same as above]

Slope / Intercept / Capacity

[same as above]

Traffic Demand

Demand Set Details

ID	Scenario name	Time Period name	Traffic profile type	Model start time (HH:mm)	Model finish time (HH:mm)	Time segment length (min)	Run automatically
D3	2021 Ref	AM	ONE HOUR	07:45	09:15	15	✓

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

Demand overview (Traffic)

Arm	Linked arm	Profile type	Use O-D data	Av. Demand (PCU/hr)	Scaling Factor (%)
A		ONE HOUR	✓	280.00	100.000
B		ONE HOUR	✓	125.00	100.000
C		ONE HOUR	✓	263.00	100.000
D		ONE HOUR	✓	129.00	100.000

Origin-Destination Data

Demand (PCU/hr)

		To			
		A	B	C	D
From	A	0.000	23.000	243.000	14.000
	B	14.000	0.000	56.000	55.000
	C	137.000	62.000	0.000	64.000
	D	5.000	59.000	65.000	0.000

Proportions

		To			
		A	B	C	D
From	A	0.00	0.08	0.87	0.05
	B	0.11	0.00	0.45	0.44
	C	0.52	0.24	0.00	0.24
	D	0.04	0.46	0.50	0.00

Vehicle Mix

Heavy Vehicle proportion

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

Av. PCU Per Veh

		To			
		A	B	C	D
From	A	1.000	1.000	1.000	1.000
	B	1.000	1.000	1.000	1.000
	C	1.000	1.000	1.000	1.000
	D	1.000	1.000	1.000	1.000

Results

Results Summary for whole modelled period

Stream	Max RFC	Max delay (s)	Max Q (PCU)	Max LOS	Av. Demand (PCU/hr)	Total Junction Arrivals (PCU)
B-CD	0.18	8.48	0.2	A	77.43	116.14
B-AD	0.11	9.93	0.1	A	37.28	55.92
A-BCD	0.03	4.94	0.0	A	18.69	28.04
A-B					20.60	30.90
A-C					217.64	326.46
D-AB	0.10	9.15	0.1	A	35.45	53.18
D-BC	0.23	10.87	0.3	B	82.92	124.38
C-ABD	0.13	5.63	0.2	A	76.66	114.99
C-D					52.43	78.65
C-A					112.24	168.36

Main Results for each time segment

Main results: (07:45-08:00)

Stream	Total Demand (PCU/hr)	Junction demand (PCU/hr)	Junction Arrivals (PCU)	Bypass demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-CD	63.35	63.35	15.84	0.00	556.82	0.114	62.85	0.0	0.1	7.280	A
B-AD	30.75	30.75	7.69	0.00	450.58	0.068	30.46	0.0	0.1	8.564	A
A-BCD	14.21	14.21	3.55	0.00	743.39	0.019	14.12	0.0	0.0	4.936	A
A-B	17.00	17.00	4.25	0.00			17.00				
A-C	179.59	179.59	44.90	0.00			179.59				
D-AB	28.30	28.30	7.07	0.00	485.18	0.058	28.05	0.0	0.1	7.871	A
D-BC	68.82	68.82	17.21	0.00	473.26	0.145	68.15	0.0	0.2	8.873	A
C-ABD	58.78	58.78	14.69	0.00	712.54	0.082	58.30	0.0	0.1	5.501	A
C-D	44.33	44.33	11.08	0.00			44.33				
C-A	94.89	94.89	23.72	0.00			94.89				

Main results: (08:00-08:15)

Stream	Total Demand (PCU/hr)	Junction demand (PCU/hr)	Junction Arrivals (PCU)	Bypass demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-CD	75.80	75.80	18.95	0.00	540.48	0.140	75.66	0.1	0.2	7.742	A
B-AD	36.57	36.57	9.14	0.00	432.37	0.085	36.50	0.1	0.1	9.090	A
A-BCD	18.00	18.00	4.50	0.00	758.86	0.024	17.97	0.0	0.0	4.858	A
A-B	20.21	20.21	5.05	0.00			20.21				
A-C	213.51	213.51	53.38	0.00			213.51				
D-AB	34.49	34.49	8.62	0.00	465.35	0.074	34.42	0.1	0.1	8.353	A
D-BC	81.47	81.47	20.37	0.00	454.96	0.179	81.29	0.2	0.2	9.629	A
C-ABD	73.56	73.56	18.39	0.00	722.20	0.102	73.42	0.1	0.2	5.552	A
C-D	51.86	51.86	12.96	0.00			51.86				
C-A	111.01	111.01	27.75	0.00			111.01				

Main results: (08:15-08:30)

Stream	Total Demand (PCU/hr)	Junction demand (PCU/hr)	Junction Arrivals (PCU)	Bypass demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-CD	93.11	93.11	23.28	0.00	517.49	0.180	92.89	0.2	0.2	8.474	A
B-AD	44.51	44.51	11.13	0.00	407.02	0.109	44.40	0.1	0.1	9.924	A
A-BCD	23.85	23.85	5.96	0.00	780.54	0.031	23.81	0.0	0.0	4.757	A
A-B	24.59	24.59	6.15	0.00			24.59				
A-C	259.84	259.84	64.96	0.00			259.84				
D-AB	43.53	43.53	10.88	0.00	437.30	0.100	43.41	0.1	0.1	9.136	A
D-BC	98.50	98.50	24.63	0.00	429.62	0.229	98.19	0.2	0.3	10.852	B
C-ABD	97.51	97.51	24.38	0.00	737.56	0.132	97.26	0.2	0.2	5.624	A
C-D	61.15	61.15	15.29	0.00			61.15				
C-A	130.91	130.91	32.73	0.00			130.91				

Main results: (08:30-08:45)

Stream	Total Demand (PCU/hr)	Junction demand (PCU/hr)	Junction Arrivals (PCU)	Bypass demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-CD	93.12	93.12	23.28	0.00	517.39	0.180	93.11	0.2	0.2	8.484	A
B-AD	44.51	44.51	11.13	0.00	406.90	0.109	44.51	0.1	0.1	9.933	A
A-BCD	23.86	23.86	5.97	0.00	780.49	0.031	23.86	0.0	0.0	4.759	A
A-B	24.59	24.59	6.15	0.00			24.59				
A-C	259.83	259.83	64.96	0.00			259.83				
D-AB	43.55	43.55	10.89	0.00	437.08	0.100	43.54	0.1	0.1	9.147	A
D-BC	98.48	98.48	24.62	0.00	429.50	0.229	98.48	0.3	0.3	10.875	B
C-ABD	97.57	97.57	24.39	0.00	737.62	0.132	97.56	0.2	0.2	5.628	A
C-D	61.14	61.14	15.28	0.00			61.14				
C-A	130.87	130.87	32.72	0.00			130.87				

Main results: (08:45-09:00)

Stream	Total Demand (PCU/hr)	Junction demand (PCU/hr)	Junction Arrivals (PCU)	Bypass demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-CD	75.81	75.81	18.95	0.00	540.32	0.140	76.02	0.2	0.2	7.758	A
B-AD	36.57	36.57	9.14	0.00	432.20	0.085	36.68	0.1	0.1	9.106	A
A-BCD	18.01	18.01	4.50	0.00	758.78	0.024	18.05	0.0	0.0	4.862	A
A-B	20.21	20.21	5.05	0.00			20.21				
A-C	213.49	213.49	53.37	0.00			213.49				
D-AB	34.52	34.52	8.63	0.00	465.01	0.074	34.63	0.1	0.1	8.366	A
D-BC	81.45	81.45	20.36	0.00	454.77	0.179	81.75	0.3	0.2	9.660	A
C-ABD	73.63	73.63	18.41	0.00	722.29	0.102	73.87	0.2	0.2	5.558	A
C-D	51.84	51.84	12.96	0.00			51.84				
C-A	110.96	110.96	27.74	0.00			110.96				

Main results: (09:00-09:15)

Stream	Total Demand (PCU/hr)	Junction demand (PCU/hr)	Junction Arrivals (PCU)	Bypass demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-CD	63.36	63.36	15.84	0.00	556.56	0.114	63.50	0.2	0.1	7.305	A
B-AD	30.75	30.75	7.69	0.00	450.27	0.068	30.82	0.1	0.1	8.584	A
A-BCD	14.24	14.24	3.56	0.00	743.23	0.019	14.27	0.0	0.0	4.938	A
A-B	17.00	17.00	4.25	0.00			17.00				
A-C	179.56	179.56	44.89	0.00			179.56				
D-AB	28.33	28.33	7.08	0.00	484.67	0.058	28.40	0.1	0.1	7.891	A
D-BC	68.79	68.79	17.20	0.00	472.91	0.145	68.99	0.2	0.2	8.918	A
C-ABD	58.90	58.90	14.73	0.00	712.60	0.083	59.05	0.2	0.1	5.513	A
C-D	44.29	44.29	11.07	0.00			44.29				
C-A	94.81	94.81	23.70	0.00			94.81				

2021 Ref, PM

Data Errors and Warnings

No errors or warnings

Analysis Set Details

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

Junction Network

Junctions

Junction	Name	Junction Type	Major road direction	Junction Delay (s)	Junction LOS
1	untitled	Crossroads	Two-way	3.95	A

Junction Network Options

[same as above]

Arms

Arms

[same as above]

Major Arm Geometry

[same as above]

Minor Arm Geometry

[same as above]

Slope / Intercept / Capacity

[same as above]

Traffic Demand

Demand Set Details

ID	Scenario name	Time Period name	Traffic profile type	Model start time (HH:mm)	Model finish time (HH:mm)	Time segment length (min)	Run automatically
D4	2021 Ref	PM	ONE HOUR	16:45	18:15	15	✓

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

Demand overview (Traffic)

Arm	Linked arm	Profile type	Use O-D data	Av. Demand (PCU/hr)	Scaling Factor (%)
A		ONE HOUR	✓	110.00	100.000
B		ONE HOUR	✓	98.00	100.000
C		ONE HOUR	✓	292.00	100.000
D		ONE HOUR	✓	148.00	100.000

Origin-Destination Data

Demand (PCU/hr)

		To			
		A	B	C	D
From	A	0.000	4.000	101.000	5.000
	B	15.000	0.000	43.000	40.000
	C	212.000	38.000	0.000	42.000
	D	6.000	68.000	74.000	0.000

Proportions

		To			
		A	B	C	D
From	A	0.00	0.04	0.92	0.05
	B	0.15	0.00	0.44	0.41
	C	0.73	0.13	0.00	0.14
	D	0.04	0.46	0.50	0.00

Vehicle Mix

Heavy Vehicle proportion

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

Av. PCU Per Veh

		To			
		A	B	C	D
From	A	1.000	1.000	1.000	1.000
	B	1.000	1.000	1.000	1.000
	C	1.000	1.000	1.000	1.000
	D	1.000	1.000	1.000	1.000

Results

Results Summary for whole modelled period

Stream	Max RFC	Max delay (s)	Max Q (PCU)	Max LOS	Av. Demand (PCU/hr)	Total Junction Arrivals (PCU)
B-CD	0.12	7.25	0.1	A	58.39	87.59
B-AD	0.08	8.83	0.1	A	31.53	47.30
A-BCD	0.01	5.50	0.0	A	5.38	8.07
A-B					3.64	5.46
A-C					91.91	137.87
D-AB	0.11	9.01	0.1	A	41.46	62.19
D-BC	0.25	10.60	0.3	B	94.35	141.53
C-ABD	0.08	4.94	0.1	A	49.48	74.22
C-D					36.12	54.19
C-A					182.34	273.51

Main Results for each time segment

Main results: (16:45-17:00)

Stream	Total Demand (PCU/hr)	Junction demand (PCU/hr)	Junction Arrivals (PCU)	Bypass demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-CD	47.79	47.79	11.95	0.00	590.60	0.081	47.44	0.0	0.1	6.623	A
B-AD	25.99	25.99	6.50	0.00	476.35	0.055	25.76	0.0	0.1	7.985	A
A-BCD	4.27	4.27	1.07	0.00	661.48	0.006	4.24	0.0	0.0	5.477	A
A-B	2.99	2.99	0.75	0.00			2.99				
A-C	75.56	75.56	18.89	0.00			75.56				
D-AB	33.06	33.06	8.27	0.00	494.75	0.067	32.78	0.0	0.1	7.788	A
D-BC	78.36	78.36	19.59	0.00	488.20	0.161	77.60	0.0	0.2	8.752	A
C-ABD	37.60	37.60	9.40	0.00	767.15	0.049	37.30	0.0	0.1	4.932	A
C-D	30.13	30.13	7.53	0.00			30.13				
C-A	152.10	152.10	38.03	0.00			152.10				

Main results: (17:00-17:15)

Stream	Total Demand (PCU/hr)	Junction demand (PCU/hr)	Junction Arrivals (PCU)	Bypass demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-CD	57.17	57.17	14.29	0.00	580.76	0.098	57.09	0.1	0.1	6.874	A
B-AD	30.93	30.93	7.73	0.00	463.42	0.067	30.87	0.1	0.1	8.321	A
A-BCD	5.23	5.23	1.31	0.00	660.93	0.008	5.23	0.0	0.0	5.489	A
A-B	3.57	3.57	0.89	0.00			3.57				
A-C	90.09	90.09	22.52	0.00			90.09				
D-AB	40.34	40.34	10.08	0.00	476.53	0.085	40.26	0.1	0.1	8.252	A
D-BC	92.71	92.71	23.18	0.00	472.97	0.196	92.50	0.2	0.2	9.457	A
C-ABD	47.27	47.27	11.82	0.00	786.62	0.060	47.17	0.1	0.1	4.869	A
C-D	35.59	35.59	8.90	0.00			35.59				
C-A	179.64	179.64	44.91	0.00			179.64				

Main results: (17:15-17:30)

Stream	Total Demand (PCU/hr)	Junction demand (PCU/hr)	Junction Arrivals (PCU)	Bypass demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-CD	70.21	70.21	17.55	0.00	566.94	0.124	70.08	0.1	0.1	7.243	A
B-AD	37.69	37.69	9.42	0.00	445.57	0.085	37.61	0.1	0.1	8.822	A
A-BCD	6.65	6.65	1.66	0.00	660.53	0.010	6.64	0.0	0.0	5.505	A
A-B	4.36	4.36	1.09	0.00			4.36				
A-C	110.10	110.10	27.53	0.00			110.10				
D-AB	50.93	50.93	12.73	0.00	450.64	0.113	50.79	0.1	0.1	9.000	A
D-BC	112.02	112.02	28.01	0.00	451.72	0.248	111.69	0.2	0.3	10.576	B
C-ABD	63.48	63.48	15.87	0.00	816.43	0.078	63.33	0.1	0.1	4.781	A
C-D	42.66	42.66	10.67	0.00			42.66				
C-A	215.35	215.35	53.84	0.00			215.35				

Main results: (17:30-17:45)

Stream	Total Demand (PCU/hr)	Junction demand (PCU/hr)	Junction Arrivals (PCU)	Bypass demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-CD	70.21	70.21	17.55	0.00	566.88	0.124	70.21	0.1	0.1	7.247	A
B-AD	37.69	37.69	9.42	0.00	445.49	0.085	37.69	0.1	0.1	8.827	A
A-BCD	6.65	6.65	1.66	0.00	660.49	0.010	6.65	0.0	0.0	5.505	A
A-B	4.36	4.36	1.09	0.00			4.36				
A-C	110.10	110.10	27.53	0.00			110.10				
D-AB	50.95	50.95	12.74	0.00	450.44	0.113	50.95	0.1	0.1	9.011	A
D-BC	112.00	112.00	28.00	0.00	451.64	0.248	111.99	0.3	0.3	10.599	B
C-ABD	63.52	63.52	15.88	0.00	816.48	0.078	63.52	0.1	0.1	4.785	A
C-D	42.66	42.66	10.66	0.00			42.66				
C-A	215.32	215.32	53.83	0.00			215.32				

Main results: (17:45-18:00)

Stream	Total Demand (PCU/hr)	Junction demand (PCU/hr)	Junction Arrivals (PCU)	Bypass demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-CD	57.18	57.18	14.29	0.00	580.67	0.098	57.30	0.1	0.1	6.882	A
B-AD	30.92	30.92	7.73	0.00	463.29	0.067	31.00	0.1	0.1	8.329	A
A-BCD	5.23	5.23	1.31	0.00	660.86	0.008	5.24	0.0	0.0	5.492	A
A-B	3.57	3.57	0.89	0.00			3.57				
A-C	90.09	90.09	22.52	0.00			90.09				
D-AB	40.37	40.37	10.09	0.00	476.23	0.085	40.50	0.1	0.1	8.264	A
D-BC	92.68	92.68	23.17	0.00	472.86	0.196	93.00	0.3	0.2	9.487	A
C-ABD	47.32	47.32	11.83	0.00	786.68	0.060	47.47	0.1	0.1	4.874	A
C-D	35.58	35.58	8.90	0.00			35.58				
C-A	179.60	179.60	44.90	0.00			179.60				

Main results: (18:00-18:15)

Stream	Total Demand (PCU/hr)	Junction demand (PCU/hr)	Junction Arrivals (PCU)	Bypass demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-CD	47.80	47.80	11.95	0.00	590.43	0.081	47.88	0.1	0.1	6.638	A
B-AD	25.98	25.98	6.50	0.00	476.11	0.055	26.04	0.1	0.1	7.999	A
A-BCD	4.27	4.27	1.07	0.00	661.36	0.006	4.28	0.0	0.0	5.480	A
A-B	2.99	2.99	0.75	0.00			2.99				
A-C	75.55	75.55	18.89	0.00			75.55				
D-AB	33.10	33.10	8.28	0.00	494.27	0.067	33.18	0.1	0.1	7.810	A
D-BC	78.32	78.32	19.58	0.00	487.98	0.161	78.54	0.2	0.2	8.796	A
C-ABD	37.69	37.69	9.42	0.00	767.21	0.049	37.79	0.1	0.1	4.938	A
C-D	30.12	30.12	7.53	0.00			30.12				
C-A	152.03	152.03	38.01	0.00			152.03				

2021 Ref + H26, AM

Data Errors and Warnings

No errors or warnings

Analysis Set Details

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

Junction Network

Junctions

Junction	Name	Junction Type	Major road direction	Junction Delay (s)	Junction LOS
1	untitled	Crossroads	Two-way	3.97	A

Junction Network Options

[same as above]

Arms

Arms

[same as above]

Major Arm Geometry

[same as above]

Minor Arm Geometry

[same as above]

Slope / Intercept / Capacity

[same as above]

Traffic Demand

Demand Set Details

ID	Scenario name	Time Period name	Traffic profile type	Model start time (HH:mm)	Model finish time (HH:mm)	Time segment length (min)	Run automatically
D5	2021 Ref + H26	AM	ONE HOUR	07:45	09:15	15	✓

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

Demand overview (Traffic)

Arm	Linked arm	Profile type	Use O-D data	Av. Demand (PCU/hr)	Scaling Factor (%)
A		ONE HOUR	✓	280.00	100.000
B		ONE HOUR	✓	127.00	100.000
C		ONE HOUR	✓	265.00	100.000
D		ONE HOUR	✓	142.00	100.000

Origin-Destination Data

Demand (PCU/hr)

		To			
		A	B	C	D
From	A	0.000	23.000	243.000	14.000
	B	14.000	0.000	56.000	57.000
	C	137.000	62.000	0.000	66.000
	D	6.000	65.000	71.000	0.000

Proportions

		To			
		A	B	C	D
From	A	0.00	0.08	0.87	0.05
	B	0.11	0.00	0.44	0.45
	C	0.52	0.23	0.00	0.25
	D	0.04	0.46	0.50	0.00

Vehicle Mix

Heavy Vehicle proportion

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

Av. PCU Per Veh

		To			
		A	B	C	D
From	A	1.000	1.000	1.000	1.000
	B	1.000	1.000	1.000	1.000
	C	1.000	1.000	1.000	1.000
	D	1.000	1.000	1.000	1.000

Results

Results Summary for whole modelled period

Stream	Max RFC	Max delay (s)	Max Q (PCU)	Max LOS	Av. Demand (PCU/hr)	Total Junction Arrivals (PCU)
B-CD	0.18	8.56	0.2	A	78.38	117.57
B-AD	0.11	9.99	0.1	A	38.16	57.24
A-BCD	0.03	4.94	0.0	A	18.70	28.05
A-B					20.60	30.90
A-C					217.63	326.45
D-AB	0.11	9.34	0.1	A	39.91	59.86
D-BC	0.25	11.22	0.3	B	90.39	135.59
C-ABD	0.13	5.62	0.2	A	76.87	115.31
C-D					54.07	81.10
C-A					112.23	168.35

Main Results for each time segment

Main results: (07:45-08:00)

Stream	Total Demand (PCU/hr)	Junction demand (PCU/hr)	Junction Arrivals (PCU)	Bypass demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-CD	64.13	64.13	16.03	0.00	554.79	0.116	63.61	0.0	0.1	7.321	A
B-AD	31.49	31.49	7.87	0.00	449.86	0.070	31.19	0.0	0.1	8.592	A
A-BCD	14.21	14.21	3.55	0.00	743.06	0.019	14.12	0.0	0.0	4.938	A
A-B	17.00	17.00	4.25	0.00			17.00				
A-C	179.59	179.59	44.90	0.00			179.59				
D-AB	31.79	31.79	7.95	0.00	484.69	0.066	31.51	0.0	0.1	7.939	A
D-BC	75.12	75.12	18.78	0.00	472.25	0.159	74.37	0.0	0.2	9.032	A
C-ABD	58.90	58.90	14.73	0.00	713.51	0.083	58.43	0.0	0.1	5.494	A
C-D	45.71	45.71	11.43	0.00			45.71				
C-A	94.89	94.89	23.72	0.00			94.89				

Main results: (08:00-08:15)

Stream	Total Demand (PCU/hr)	Junction demand (PCU/hr)	Junction Arrivals (PCU)	Bypass demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-CD	76.73	76.73	19.18	0.00	538.28	0.143	76.59	0.1	0.2	7.794	A
B-AD	37.44	37.44	9.36	0.00	431.48	0.087	37.36	0.1	0.1	9.131	A
A-BCD	18.00	18.00	4.50	0.00	758.47	0.024	17.97	0.0	0.0	4.861	A
A-B	20.21	20.21	5.05	0.00			20.21				
A-C	213.51	213.51	53.38	0.00			213.51				
D-AB	38.81	38.81	9.70	0.00	464.09	0.084	38.73	0.1	0.1	8.460	A
D-BC	88.85	88.85	22.21	0.00	453.79	0.196	88.63	0.2	0.2	9.852	A
C-ABD	73.75	73.75	18.44	0.00	723.37	0.102	73.60	0.1	0.2	5.543	A
C-D	53.48	53.48	13.37	0.00			53.48				
C-A	111.01	111.01	27.75	0.00			111.01				

Main results: (08:15-08:30)

Stream	Total Demand (PCU/hr)	Junction demand (PCU/hr)	Junction Arrivals (PCU)	Bypass demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-CD	94.26	94.26	23.57	0.00	515.05	0.183	94.04	0.2	0.2	8.546	A
B-AD	45.57	45.57	11.39	0.00	405.86	0.112	45.44	0.1	0.1	9.985	A
A-BCD	23.86	23.86	5.96	0.00	780.08	0.031	23.81	0.0	0.0	4.760	A
A-B	24.59	24.59	6.15	0.00			24.59				
A-C	259.84	259.84	64.96	0.00			259.84				
D-AB	49.08	49.08	12.27	0.00	434.76	0.113	48.94	0.1	0.1	9.328	A
D-BC	107.27	107.27	26.82	0.00	428.13	0.251	106.91	0.2	0.3	11.194	B
C-ABD	97.83	97.83	24.46	0.00	739.04	0.132	97.59	0.2	0.2	5.616	A
C-D	63.05	63.05	15.76	0.00			63.05				
C-A	130.88	130.88	32.72	0.00			130.88				

Main results: (08:30-08:45)

Stream	Total Demand (PCU/hr)	Junction demand (PCU/hr)	Junction Arrivals (PCU)	Bypass demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-CD	94.27	94.27	23.57	0.00	514.94	0.183	94.26	0.2	0.2	8.557	A
B-AD	45.56	45.56	11.39	0.00	405.74	0.112	45.56	0.1	0.1	9.994	A
A-BCD	23.87	23.87	5.97	0.00	780.03	0.031	23.87	0.0	0.0	4.760	A
A-B	24.59	24.59	6.15	0.00			24.59				
A-C	259.82	259.82	64.96	0.00			259.82				
D-AB	49.10	49.10	12.28	0.00	434.51	0.113	49.10	0.1	0.1	9.340	A
D-BC	107.24	107.24	26.81	0.00	428.00	0.251	107.23	0.3	0.3	11.222	B
C-ABD	97.89	97.89	24.47	0.00	739.10	0.132	97.89	0.2	0.2	5.618	A
C-D	63.03	63.03	15.76	0.00			63.03				
C-A	130.84	130.84	32.71	0.00			130.84				

Main results: (08:45-09:00)

Stream	Total Demand (PCU/hr)	Junction demand (PCU/hr)	Junction Arrivals (PCU)	Bypass demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-CD	76.74	76.74	19.18	0.00	538.12	0.143	76.96	0.2	0.2	7.811	A
B-AD	37.43	37.43	9.36	0.00	431.30	0.087	37.55	0.1	0.1	9.145	A
A-BCD	18.02	18.02	4.50	0.00	758.39	0.024	18.06	0.0	0.0	4.864	A
A-B	20.21	20.21	5.05	0.00			20.21				
A-C	213.49	213.49	53.37	0.00			213.49				
D-AB	38.84	38.84	9.71	0.00	463.71	0.084	38.98	0.1	0.1	8.479	A
D-BC	88.82	88.82	22.20	0.00	453.59	0.196	89.16	0.3	0.2	9.887	A
C-ABD	73.82	73.82	18.46	0.00	723.45	0.102	74.06	0.2	0.2	5.550	A
C-D	53.45	53.45	13.36	0.00			53.45				
C-A	110.95	110.95	27.74	0.00			110.95				

Main results: (09:00-09:15)

Stream	Total Demand (PCU/hr)	Junction demand (PCU/hr)	Junction Arrivals (PCU)	Bypass demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-CD	64.13	64.13	16.03	0.00	554.52	0.116	64.28	0.2	0.1	7.347	A
B-AD	31.48	31.48	7.87	0.00	449.54	0.070	31.56	0.1	0.1	8.614	A
A-BCD	14.24	14.24	3.56	0.00	742.90	0.019	14.27	0.0	0.0	4.940	A
A-B	17.00	17.00	4.25	0.00			17.00				
A-C	179.56	179.56	44.89	0.00			179.56				
D-AB	31.82	31.82	7.96	0.00	484.12	0.066	31.91	0.1	0.1	7.963	A
D-BC	75.08	75.08	18.77	0.00	471.90	0.159	75.30	0.2	0.2	9.083	A
C-ABD	59.03	59.03	14.76	0.00	713.57	0.083	59.17	0.2	0.1	5.506	A
C-D	45.67	45.67	11.42	0.00			45.67				
C-A	94.81	94.81	23.70	0.00			94.81				

2021 Ref + H26, PM

Data Errors and Warnings

No errors or warnings

Analysis Set Details

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

Junction Network

Junctions

Junction	Name	Junction Type	Major road direction	Junction Delay (s)	Junction LOS
1	untitled	Crossroads	Two-way	4.09	A

Junction Network Options

[same as above]

Arms

Arms

[same as above]

Major Arm Geometry

[same as above]

Minor Arm Geometry

[same as above]

Slope / Intercept / Capacity

[same as above]

Traffic Demand

Demand Set Details

ID	Scenario name	Time Period name	Traffic profile type	Model start time (HH:mm)	Model finish time (HH:mm)	Time segment length (min)	Run automatically
D6	2021 Ref + H26	PM	ONE HOUR	16:45	18:15	15	✓

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

Demand overview (Traffic)

Arm	Linked arm	Profile type	Use O-D data	Av. Demand (PCU/hr)	Scaling Factor (%)
A		ONE HOUR	✓	111.00	100.000
B		ONE HOUR	✓	102.00	100.000
C		ONE HOUR	✓	296.00	100.000
D		ONE HOUR	✓	156.00	100.000

Origin-Destination Data

Demand (PCU/hr)

		To			
		A	B	C	D
From	A	0.000	4.000	101.000	6.000
	B	15.000	0.000	43.000	44.000
	C	212.000	38.000	0.000	46.000
	D	7.000	71.000	78.000	0.000

Proportions

		To			
		A	B	C	D
From	A	0.00	0.04	0.91	0.05
	B	0.15	0.00	0.42	0.43
	C	0.72	0.13	0.00	0.16
	D	0.04	0.46	0.50	0.00

Vehicle Mix

Heavy Vehicle proportion

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

Av. PCU Per Veh

		To			
		A	B	C	D
From	A	1.000	1.000	1.000	1.000
	B	1.000	1.000	1.000	1.000
	C	1.000	1.000	1.000	1.000
	D	1.000	1.000	1.000	1.000

Results

Results Summary for whole modelled period

Stream	Max RFC	Max delay (s)	Max Q (PCU)	Max LOS	Av. Demand (PCU/hr)	Total Junction Arrivals (PCU)
B-CD	0.13	7.37	0.1	A	60.29	90.43
B-AD	0.09	8.89	0.1	A	33.31	49.96
A-BCD	0.01	5.52	0.0	A	6.46	9.69
A-B					3.63	5.45
A-C					91.76	137.64
D-AB	0.12	9.13	0.1	A	44.25	66.37
D-BC	0.26	10.83	0.4	B	98.90	148.35
C-ABD	0.08	4.93	0.1	A	49.74	74.61
C-D					39.56	59.34
C-A					182.31	273.47

Main Results for each time segment

Main results: (16:45-17:00)

Stream	Total Demand (PCU/hr)	Junction demand (PCU/hr)	Junction Arrivals (PCU)	Bypass demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-CD	49.34	49.34	12.33	0.00	585.40	0.084	48.97	0.0	0.1	6.706	A
B-AD	27.45	27.45	6.86	0.00	475.77	0.058	27.21	0.0	0.1	8.021	A
A-BCD	5.12	5.12	1.28	0.00	660.77	0.008	5.09	0.0	0.0	5.490	A
A-B	2.99	2.99	0.75	0.00			2.99				
A-C	75.46	75.46	18.86	0.00			75.46				
D-AB	35.25	35.25	8.81	0.00	494.46	0.071	34.94	0.0	0.1	7.830	A
D-BC	82.20	82.20	20.55	0.00	486.97	0.169	81.39	0.0	0.2	8.863	A
C-ABD	37.75	37.75	9.44	0.00	768.78	0.049	37.45	0.0	0.1	4.922	A
C-D	33.00	33.00	8.25	0.00			33.00				
C-A	152.09	152.09	38.02	0.00			152.09				

Main results: (17:00-17:15)

Stream	Total Demand (PCU/hr)	Junction demand (PCU/hr)	Junction Arrivals (PCU)	Bypass demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-CD	59.03	59.03	14.76	0.00	575.20	0.103	58.94	0.1	0.1	6.973	A
B-AD	32.67	32.67	8.17	0.00	462.71	0.071	32.61	0.1	0.1	8.369	A
A-BCD	6.28	6.28	1.57	0.00	660.08	0.010	6.27	0.0	0.0	5.505	A
A-B	3.56	3.56	0.89	0.00			3.56				
A-C	89.94	89.94	22.49	0.00			89.94				
D-AB	43.04	43.04	10.76	0.00	475.63	0.090	42.95	0.1	0.1	8.318	A
D-BC	97.20	97.20	24.30	0.00	471.44	0.206	96.98	0.2	0.3	9.607	A
C-ABD	47.50	47.50	11.87	0.00	788.56	0.060	47.40	0.1	0.1	4.857	A
C-D	38.98	38.98	9.74	0.00			38.98				
C-A	179.63	179.63	44.91	0.00			179.63				

Main results: (17:15-17:30)

Stream	Total Demand (PCU/hr)	Junction demand (PCU/hr)	Junction Arrivals (PCU)	Bypass demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-CD	72.50	72.50	18.12	0.00	560.86	0.129	72.36	0.1	0.1	7.367	A
B-AD	39.81	39.81	9.95	0.00	444.64	0.090	39.72	0.1	0.1	8.888	A
A-BCD	7.98	7.98	2.00	0.00	659.51	0.012	7.97	0.0	0.0	5.524	A
A-B	4.35	4.35	1.09	0.00			4.35				
A-C	109.88	109.88	27.47	0.00			109.88				
D-AB	54.41	54.41	13.60	0.00	448.76	0.121	54.25	0.1	0.1	9.118	A
D-BC	117.35	117.35	29.34	0.00	449.70	0.261	116.99	0.3	0.3	10.808	B
C-ABD	63.89	63.89	15.97	0.00	818.92	0.078	63.73	0.1	0.1	4.770	A
C-D	46.72	46.72	11.68	0.00			46.72				
C-A	215.30	215.30	53.82	0.00			215.30				

Main results: (17:30-17:45)

Stream	Total Demand (PCU/hr)	Junction demand (PCU/hr)	Junction Arrivals (PCU)	Bypass demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-CD	72.50	72.50	18.13	0.00	560.79	0.129	72.50	0.1	0.1	7.371	A
B-AD	39.80	39.80	9.95	0.00	444.56	0.090	39.80	0.1	0.1	8.893	A
A-BCD	7.98	7.98	2.00	0.00	659.47	0.012	7.98	0.0	0.0	5.525	A
A-B	4.35	4.35	1.09	0.00			4.35				
A-C	109.88	109.88	27.47	0.00			109.88				
D-AB	54.43	54.43	13.61	0.00	448.53	0.121	54.43	0.1	0.1	9.134	A
D-BC	117.33	117.33	29.33	0.00	449.61	0.261	117.32	0.3	0.4	10.833	B
C-ABD	63.93	63.93	15.98	0.00	818.96	0.078	63.92	0.1	0.1	4.770	A
C-D	46.71	46.71	11.68	0.00			46.71				
C-A	215.27	215.27	53.82	0.00			215.27				

Main results: (17:45-18:00)

Stream	Total Demand (PCU/hr)	Junction demand (PCU/hr)	Junction Arrivals (PCU)	Bypass demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-CD	59.03	59.03	14.76	0.00	575.10	0.103	59.16	0.1	0.1	6.978	A
B-AD	32.67	32.67	8.17	0.00	462.57	0.071	32.75	0.1	0.1	8.378	A
A-BCD	6.28	6.28	1.57	0.00	660.01	0.010	6.29	0.0	0.0	5.508	A
A-B	3.56	3.56	0.89	0.00			3.56				
A-C	89.94	89.94	22.49	0.00			89.94				
D-AB	43.07	43.07	10.77	0.00	475.30	0.091	43.22	0.1	0.1	8.336	A
D-BC	97.17	97.17	24.29	0.00	471.32	0.206	97.52	0.4	0.3	9.639	A
C-ABD	47.55	47.55	11.89	0.00	788.63	0.060	47.70	0.1	0.1	4.863	A
C-D	38.97	38.97	9.74	0.00			38.97				
C-A	179.58	179.58	44.90	0.00			179.58				

Main results: (18:00-18:15)

Stream	Total Demand (PCU/hr)	Junction demand (PCU/hr)	Junction Arrivals (PCU)	Bypass demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-CD	49.34	49.34	12.34	0.00	585.22	0.084	49.43	0.1	0.1	6.722	A
B-AD	27.45	27.45	6.86	0.00	475.53	0.058	27.51	0.1	0.1	8.036	A
A-BCD	5.13	5.13	1.28	0.00	660.65	0.008	5.13	0.0	0.0	5.491	A
A-B	2.99	2.99	0.75	0.00			2.99				
A-C	75.45	75.45	18.86	0.00			75.45				
D-AB	35.29	35.29	8.82	0.00	493.93	0.071	35.38	0.1	0.1	7.853	A
D-BC	82.15	82.15	20.54	0.00	486.75	0.169	82.38	0.3	0.2	8.907	A
C-ABD	37.84	37.84	9.46	0.00	768.84	0.049	37.94	0.1	0.1	4.926	A
C-D	32.99	32.99	8.25	0.00			32.99				
C-A	152.02	152.02	38.00	0.00			152.02				

2021 Ref + H26 + Dev, AM

Data Errors and Warnings

No errors or warnings

Analysis Set Details

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

Junction Network

Junctions

Junction	Name	Junction Type	Major road direction	Junction Delay (s)	Junction LOS
1	untitled	Crossroads	Two-way	4.12	A

Junction Network Options

[same as above]

Arms

Arms

[same as above]

Major Arm Geometry

[same as above]

Minor Arm Geometry

[same as above]

Slope / Intercept / Capacity

[same as above]

Traffic Demand

Demand Set Details

ID	Scenario name	Time Period name	Traffic profile type	Model start time (HH:mm)	Model finish time (HH:mm)	Time segment length (min)	Run automatically
D7	2021 Ref + H26 + Dev	AM	ONE HOUR	07:45	09:15	15	✓

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

Demand overview (Traffic)

Arm	Linked arm	Profile type	Use O-D data	Av. Demand (PCU/hr)	Scaling Factor (%)
A		ONE HOUR	✓	281.00	100.000
B		ONE HOUR	✓	129.00	100.000
C		ONE HOUR	✓	268.00	100.000
D		ONE HOUR	✓	152.00	100.000

Origin-Destination Data

Demand (PCU/hr)

		To			
		A	B	C	D
From	A	0.000	23.000	243.000	15.000
	B	14.000	0.000	56.000	59.000
	C	137.000	62.000	0.000	69.000
	D	6.000	70.000	76.000	0.000

Proportions

		To			
		A	B	C	D
From	A	0.00	0.08	0.86	0.05
	B	0.11	0.00	0.43	0.46
	C	0.51	0.23	0.00	0.26
	D	0.04	0.46	0.50	0.00

Vehicle Mix

Heavy Vehicle proportion

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

Av. PCU Per Veh

		To			
		A	B	C	D
From	A	1.000	1.000	1.000	1.000
	B	1.000	1.000	1.000	1.000
	C	1.000	1.000	1.000	1.000
	D	1.000	1.000	1.000	1.000

Results

Results Summary for whole modelled period

Stream	Max RFC	Max delay (s)	Max Q (PCU)	Max LOS	Av. Demand (PCU/hr)	Total Junction Arrivals (PCU)
B-CD	0.19	8.63	0.2	A	79.33	118.99
B-AD	0.12	10.06	0.1	B	39.04	58.57
A-BCD	0.03	4.95	0.0	A	20.04	30.07
A-B					20.56	30.84
A-C					217.24	325.87
D-AB	0.12	9.57	0.1	A	42.92	64.37
D-BC	0.27	11.54	0.4	B	96.56	144.84
C-ABD	0.13	5.61	0.2	A	77.20	115.81
C-D					56.51	84.77
C-A					112.21	168.31

Main Results for each time segment

Main results: (07:45-08:00)

Stream	Total Demand (PCU/hr)	Junction demand (PCU/hr)	Junction Arrivals (PCU)	Bypass demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-CD	64.90	64.90	16.22	0.00	552.65	0.117	64.37	0.0	0.1	7.365	A
B-AD	32.22	32.22	8.05	0.00	449.06	0.072	31.91	0.0	0.1	8.624	A
A-BCD	15.23	15.23	3.81	0.00	742.57	0.021	15.13	0.0	0.0	4.949	A
A-B	16.98	16.98	4.24	0.00			16.98				
A-C	179.35	179.35	44.84	0.00			179.35				
D-AB	34.10	34.10	8.53	0.00	481.08	0.071	33.80	0.0	0.1	8.044	A
D-BC	80.33	80.33	20.08	0.00	471.40	0.170	79.52	0.0	0.2	9.169	A
C-ABD	59.10	59.10	14.77	0.00	714.73	0.083	58.62	0.0	0.1	5.486	A
C-D	47.79	47.79	11.95	0.00			47.79				
C-A	94.88	94.88	23.72	0.00			94.88				

Main results: (08:00-08:15)

Stream	Total Demand (PCU/hr)	Junction demand (PCU/hr)	Junction Arrivals (PCU)	Bypass demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-CD	77.66	77.66	19.42	0.00	535.94	0.145	77.52	0.1	0.2	7.850	A
B-AD	38.31	38.31	9.58	0.00	430.49	0.089	38.23	0.1	0.1	9.175	A
A-BCD	19.29	19.29	4.82	0.00	757.89	0.025	19.26	0.0	0.0	4.873	A
A-B	20.17	20.17	5.04	0.00			20.17				
A-C	213.15	213.15	53.29	0.00			213.15				
D-AB	41.71	41.71	10.43	0.00	459.76	0.091	41.62	0.1	0.1	8.607	A
D-BC	94.94	94.94	23.73	0.00	452.70	0.210	94.70	0.2	0.3	10.050	B
C-ABD	74.04	74.04	18.51	0.00	724.82	0.102	73.89	0.1	0.2	5.531	A
C-D	55.90	55.90	13.97	0.00			55.90				
C-A	110.99	110.99	27.75	0.00			110.99				

Main results: (08:15-08:30)

Stream	Total Demand (PCU/hr)	Junction demand (PCU/hr)	Junction Arrivals (PCU)	Bypass demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-CD	95.42	95.42	23.85	0.00	512.41	0.186	95.18	0.2	0.2	8.624	A
B-AD	46.62	46.62	11.65	0.00	404.59	0.115	46.49	0.1	0.1	10.050	B
A-BCD	25.58	25.58	6.39	0.00	779.40	0.033	25.53	0.0	0.0	4.775	A
A-B	24.54	24.54	6.14	0.00			24.54				
A-C	259.27	259.27	64.82	0.00			259.27				
D-AB	52.88	52.88	13.22	0.00	429.26	0.123	52.72	0.1	0.1	9.556	A
D-BC	114.48	114.48	28.62	0.00	426.61	0.268	114.08	0.3	0.4	11.503	B
C-ABD	98.35	98.35	24.59	0.00	740.90	0.133	98.10	0.2	0.2	5.604	A
C-D	65.89	65.89	16.47	0.00			65.89				
C-A	130.83	130.83	32.71	0.00			130.83				

Main results: (08:30-08:45)

Stream	Total Demand (PCU/hr)	Junction demand (PCU/hr)	Junction Arrivals (PCU)	Bypass demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-CD	95.42	95.42	23.86	0.00	512.30	0.186	95.41	0.2	0.2	8.635	A
B-AD	46.61	46.61	11.65	0.00	404.46	0.115	46.61	0.1	0.1	10.059	B
A-BCD	25.59	25.59	6.40	0.00	779.35	0.033	25.59	0.0	0.0	4.777	A
A-B	24.54	24.54	6.13	0.00			24.54				
A-C	259.26	259.26	64.81	0.00			259.26				
D-AB	52.91	52.91	13.23	0.00	428.98	0.123	52.90	0.1	0.1	9.572	A
D-BC	114.45	114.45	28.61	0.00	426.47	0.268	114.44	0.4	0.4	11.537	B
C-ABD	98.41	98.41	24.60	0.00	740.97	0.133	98.40	0.2	0.2	5.608	A
C-D	65.87	65.87	16.47	0.00			65.87				
C-A	130.79	130.79	32.70	0.00			130.79				

Main results: (08:45-09:00)

Stream	Total Demand (PCU/hr)	Junction demand (PCU/hr)	Junction Arrivals (PCU)	Bypass demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-CD	77.67	77.67	19.42	0.00	535.78	0.145	77.89	0.2	0.2	7.867	A
B-AD	38.30	38.30	9.58	0.00	430.30	0.089	38.43	0.1	0.1	9.190	A
A-BCD	19.31	19.31	4.83	0.00	757.81	0.025	19.36	0.0	0.0	4.875	A
A-B	20.17	20.17	5.04	0.00			20.17				
A-C	213.13	213.13	53.28	0.00			213.13				
D-AB	41.75	41.75	10.44	0.00	459.35	0.091	41.90	0.1	0.1	8.626	A
D-BC	94.90	94.90	23.72	0.00	452.49	0.210	95.28	0.4	0.3	10.090	B
C-ABD	74.11	74.11	18.53	0.00	724.91	0.102	74.35	0.2	0.2	5.540	A
C-D	55.87	55.87	13.97	0.00			55.87				
C-A	110.94	110.94	27.73	0.00			110.94				

Main results: (09:00-09:15)

Stream	Total Demand (PCU/hr)	Junction demand (PCU/hr)	Junction Arrivals (PCU)	Bypass demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-CD	64.91	64.91	16.23	0.00	552.37	0.118	65.05	0.2	0.1	7.388	A
B-AD	32.21	32.21	8.05	0.00	448.73	0.072	32.29	0.1	0.1	8.647	A
A-BCD	15.26	15.26	3.82	0.00	742.41	0.021	15.29	0.0	0.0	4.951	A
A-B	16.97	16.97	4.24	0.00			16.97				
A-C	179.32	179.32	44.83	0.00			179.32				
D-AB	34.15	34.15	8.54	0.00	480.46	0.071	34.24	0.1	0.1	8.069	A
D-BC	80.29	80.29	20.07	0.00	471.04	0.170	80.53	0.3	0.2	9.226	A
C-ABD	59.22	59.22	14.81	0.00	714.79	0.083	59.37	0.2	0.1	5.495	A
C-D	47.74	47.74	11.94	0.00			47.74				
C-A	94.80	94.80	23.70	0.00			94.80				

2021 Ref + H26 + Dev, PM

Data Errors and Warnings

No errors or warnings

Analysis Set Details

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

Junction Network

Junctions

Junction	Name	Junction Type	Major road direction	Junction Delay (s)	Junction LOS
1	untitled	Crossroads	Two-way	4.20	A

Junction Network Options

[same as above]

Arms

Arms

[same as above]

Major Arm Geometry

[same as above]

Minor Arm Geometry

[same as above]

Slope / Intercept / Capacity

[same as above]

Traffic Demand

Demand Set Details

ID	Scenario name	Time Period name	Traffic profile type	Model start time (HH:mm)	Model finish time (HH:mm)	Time segment length (min)	Run automatically
D8	2021 Ref + H26 + Dev	PM	ONE HOUR	16:45	18:15	15	✓

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

Demand overview (Traffic)

Arm	Linked arm	Profile type	Use O-D data	Av. Demand (PCU/hr)	Scaling Factor (%)
A		ONE HOUR	✓	111.00	100.000
B		ONE HOUR	✓	105.00	100.000
C		ONE HOUR	✓	299.00	100.000
D		ONE HOUR	✓	162.00	100.000

Origin-Destination Data

Demand (PCU/hr)

		To			
		A	B	C	D
From	A	0.000	4.000	101.000	6.000
	B	15.000	0.000	43.000	47.000
	C	212.000	38.000	0.000	49.000
	D	7.000	74.000	81.000	0.000

Proportions

		To			
		A	B	C	D
From	A	0.00	0.04	0.91	0.05
	B	0.14	0.00	0.41	0.45
	C	0.71	0.13	0.00	0.16
	D	0.04	0.46	0.50	0.00

Vehicle Mix

Heavy Vehicle proportion

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

Av. PCU Per Veh

		To			
		A	B	C	D
From	A	1.000	1.000	1.000	1.000
	B	1.000	1.000	1.000	1.000
	C	1.000	1.000	1.000	1.000
	D	1.000	1.000	1.000	1.000

Results

Results Summary for whole modelled period

Stream	Max RFC	Max delay (s)	Max Q (PCU)	Max LOS	Av. Demand (PCU/hr)	Total Junction Arrivals (PCU)
B-CD	0.13	7.46	0.2	A	61.71	92.57
B-AD	0.09	8.94	0.1	A	34.64	51.96
A-BCD	0.01	5.53	0.0	A	6.46	9.69
A-B					3.63	5.45
A-C					91.76	137.64
D-AB	0.13	9.26	0.1	A	46.07	69.11
D-BC	0.27	11.02	0.4	B	102.58	153.87
C-ABD	0.08	4.92	0.1	A	49.93	74.90
C-D					42.14	63.20
C-A					182.30	273.45

Main Results for each time segment

Main results: (16:45-17:00)

Stream	Total Demand (PCU/hr)	Junction demand (PCU/hr)	Junction Arrivals (PCU)	Bypass demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-CD	50.49	50.49	12.62	0.00	581.78	0.087	50.12	0.0	0.1	6.767	A
B-AD	28.56	28.56	7.14	0.00	475.47	0.060	28.30	0.0	0.1	8.047	A
A-BCD	5.12	5.12	1.28	0.00	660.23	0.008	5.09	0.0	0.0	5.494	A
A-B	2.99	2.99	0.75	0.00			2.99				
A-C	75.46	75.46	18.86	0.00			75.46				
D-AB	36.65	36.65	9.16	0.00	492.42	0.074	36.33	0.0	0.1	7.887	A
D-BC	85.31	85.31	21.33	0.00	486.29	0.175	84.47	0.0	0.2	8.940	A
C-ABD	37.86	37.86	9.47	0.00	770.19	0.049	37.57	0.0	0.1	4.913	A
C-D	35.15	35.15	8.79	0.00			35.15				
C-A	152.09	152.09	38.02	0.00			152.09				

Main results: (17:00-17:15)

Stream	Total Demand (PCU/hr)	Junction demand (PCU/hr)	Junction Arrivals (PCU)	Bypass demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-CD	60.42	60.42	15.10	0.00	571.32	0.106	60.33	0.1	0.1	7.045	A
B-AD	33.97	33.97	8.49	0.00	462.32	0.073	33.91	0.1	0.1	8.402	A
A-BCD	6.28	6.28	1.57	0.00	659.45	0.010	6.27	0.0	0.0	5.510	A
A-B	3.56	3.56	0.89	0.00			3.56				
A-C	89.94	89.94	22.49	0.00			89.94				
D-AB	44.80	44.80	11.20	0.00	473.19	0.095	44.70	0.1	0.1	8.399	A
D-BC	100.84	100.84	25.21	0.00	470.57	0.214	100.60	0.2	0.3	9.724	A
C-ABD	47.66	47.66	11.91	0.00	790.22	0.060	47.56	0.1	0.1	4.848	A
C-D	41.52	41.52	10.38	0.00			41.52				
C-A	179.62	179.62	44.90	0.00			179.62				

Main results: (17:15-17:30)

Stream	Total Demand (PCU/hr)	Junction demand (PCU/hr)	Junction Arrivals (PCU)	Bypass demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-CD	74.22	74.22	18.55	0.00	556.62	0.133	74.08	0.1	0.2	7.458	A
B-AD	41.39	41.39	10.35	0.00	444.13	0.093	41.30	0.1	0.1	8.934	A
A-BCD	7.98	7.98	2.00	0.00	658.75	0.012	7.97	0.0	0.0	5.531	A
A-B	4.35	4.35	1.09	0.00			4.35				
A-C	109.88	109.88	27.47	0.00			109.88				
D-AB	56.71	56.71	14.18	0.00	445.62	0.127	56.54	0.1	0.1	9.248	A
D-BC	121.66	121.66	30.41	0.00	448.51	0.271	121.27	0.3	0.4	10.987	B
C-ABD	64.18	64.18	16.05	0.00	821.03	0.078	64.03	0.1	0.1	4.756	A
C-D	49.76	49.76	12.44	0.00			49.76				
C-A	215.27	215.27	53.82	0.00			215.27				

Main results: (17:30-17:45)

Stream	Total Demand (PCU/hr)	Junction demand (PCU/hr)	Junction Arrivals (PCU)	Bypass demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-CD	74.22	74.22	18.55	0.00	556.56	0.133	74.22	0.2	0.2	7.462	A
B-AD	41.39	41.39	10.35	0.00	444.04	0.093	41.39	0.1	0.1	8.940	A
A-BCD	7.98	7.98	2.00	0.00	658.70	0.012	7.98	0.0	0.0	5.534	A
A-B	4.35	4.35	1.09	0.00			4.35				
A-C	109.88	109.88	27.47	0.00			109.88				
D-AB	56.74	56.74	14.18	0.00	445.38	0.127	56.73	0.1	0.1	9.262	A
D-BC	121.63	121.63	30.41	0.00	448.41	0.271	121.62	0.4	0.4	11.015	B
C-ABD	64.23	64.23	16.06	0.00	821.07	0.078	64.22	0.1	0.1	4.760	A
C-D	49.75	49.75	12.44	0.00			49.75				
C-A	215.23	215.23	53.81	0.00			215.23				

Main results: (17:45-18:00)

Stream	Total Demand (PCU/hr)	Junction demand (PCU/hr)	Junction Arrivals (PCU)	Bypass demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-CD	60.42	60.42	15.11	0.00	571.21	0.106	60.56	0.2	0.1	7.050	A
B-AD	33.97	33.97	8.49	0.00	462.18	0.074	34.06	0.1	0.1	8.410	A
A-BCD	6.28	6.28	1.57	0.00	659.38	0.010	6.30	0.0	0.0	5.511	A
A-B	3.56	3.56	0.89	0.00			3.56				
A-C	89.94	89.94	22.49	0.00			89.94				
D-AB	44.84	44.84	11.21	0.00	472.83	0.095	44.99	0.1	0.1	8.417	A
D-BC	100.80	100.80	25.20	0.00	470.44	0.214	101.17	0.4	0.3	9.760	A
C-ABD	47.71	47.71	11.93	0.00	790.29	0.060	47.87	0.1	0.1	4.851	A
C-D	41.51	41.51	10.38	0.00			41.51				
C-A	179.58	179.58	44.89	0.00			179.58				

Main results: (18:00-18:15)

Stream	Total Demand (PCU/hr)	Junction demand (PCU/hr)	Junction Arrivals (PCU)	Bypass demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-CD	50.50	50.50	12.62	0.00	581.58	0.087	50.59	0.1	0.1	6.782	A
B-AD	28.55	28.55	7.14	0.00	475.22	0.060	28.61	0.1	0.1	8.063	A
A-BCD	5.13	5.13	1.28	0.00	660.11	0.008	5.13	0.0	0.0	5.495	A
A-B	2.99	2.99	0.75	0.00			2.99				
A-C	75.45	75.45	18.86	0.00			75.45				
D-AB	36.70	36.70	9.17	0.00	491.88	0.075	36.80	0.1	0.1	7.913	A
D-BC	85.26	85.26	21.32	0.00	486.06	0.175	85.51	0.3	0.2	8.994	A
C-ABD	37.95	37.95	9.49	0.00	770.25	0.049	38.05	0.1	0.1	4.918	A
C-D	35.14	35.14	8.78	0.00			35.14				
C-A	152.01	152.01	38.00	0.00			152.01				

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