

Junctions 10										
PICADY 10 - Priority Intersection Module										
Version: 10.1.1.1905										
© Copyright TRL Software Limited, 2023										
For sales and distribution information, program advice and maintenance, contact TRL Software:										
+44 (0)1344 379777 software@trl.co.uk trlsoftware.com										
The users of this computer program for the solution of an engineering problem are in no way relieved of their responsibility for the correctness of the solution										

Filename: A5_Lutterworth Road.j10

Path: P:\2021\P21-390\T&T\Capacity Assessments\Junctions 10\5015 - Response to NH

Report generation date: 25/04/2024 14:23:21

»2021 , AM
»2021 , PM
»2026, AM
»2026, PM
»2026 + Dev, AM
»2026 + Dev, PM
»2031, AM
»2031, PM
»2031 + Dev, AM
»2031 + Dev, PM

Summary of junction performance

	AM					PM				
	Set ID	Queue (Veh)	Delay (s)	RFC	LOS	Set ID	Queue (Veh)	Delay (s)	RFC	LOS
	2021									
Stream B-C	D1	0.6	10.35	0.37	B	D2	0.2	7.27	0.17	A
Stream B-A		0.1	23.43	0.09	C		0.0	27.39	0.03	D
Stream C-AB		0.3	9.21	0.21	A		0.7	11.93	0.42	B
	2026									
Stream B-C	D3	1.0	12.88	0.50	B	D4	0.3	8.70	0.24	A
Stream B-A		0.1	27.02	0.11	D		0.1	52.69	0.06	F
Stream C-AB		0.2	9.07	0.20	A		0.9	14.09	0.46	B
	2026 + Dev									
Stream B-C	D5	1.2	14.48	0.55	B	D6	0.3	9.00	0.26	A
Stream B-A		0.1	29.54	0.13	D		0.1	74.39	0.08	F
Stream C-AB		0.3	9.32	0.21	A		1.2	16.54	0.54	C
	2031									
Stream B-C	D7	3.0	29.71	0.76	D	D8	0.4	9.15	0.28	A
Stream B-A		0.9	51.83	0.48	F		0.1	84.80	0.09	F
Stream C-AB		0.2	8.88	0.20	A		1.2	16.41	0.55	C
	2031 + Dev									
Stream B-C	D9	4.4	41.45	0.83	E	D10	0.4	9.70	0.30	A
Stream B-A		1.2	75.05	0.58	F		0.2	159.76	0.16	F
Stream C-AB		0.3	9.13	0.21	A		1.6	19.72	0.62	C

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

Values shown are the highest values encountered over all time segments. Delay is the maximum value of average delay per arriving vehicle.

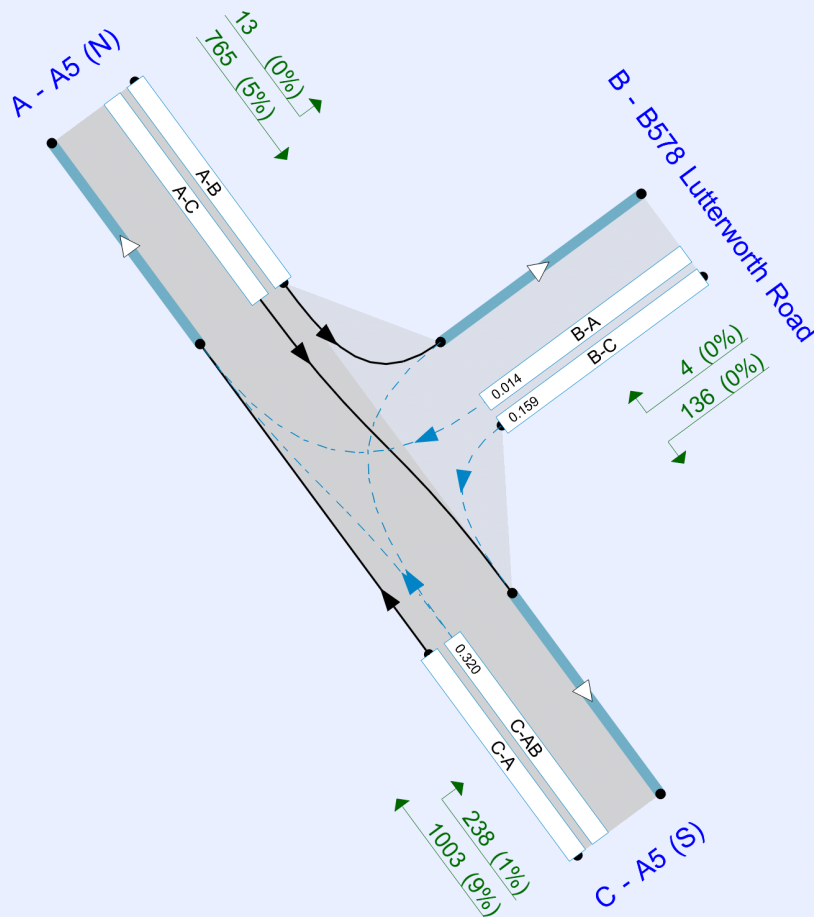
File summary

File Description

Title	A5 Watling Street / B578 Lutterworth Road Junction
Location	Burbage
Site number	
Date	27/10/2023
Version	
Status	Existing
Identifier	
Client	Redrow Homes
Jobnumber	P21-390
Enumerator	
Description	

Units

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



Flows show original traffic demand (Veh/hr).
Streams (downstream end) show RFC ()

The junction diagram reflects the last run of Junctions.

Analysis Options

Calculate Queue Percentiles	Calculate residual capacity	RFC Threshold	Average Delay threshold (s)	Queue threshold (PCU)
		0.85	36.00	20.00

Demand Set Summary

ID	Scenario name	Time Period name	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)
D1	2021	AM	ONE HOUR	07:45	09:15	15
D2	2021	PM	ONE HOUR	16:45	18:15	15
D3	2026	AM	ONE HOUR	07:45	09:15	15
D4	2026	PM	ONE HOUR	16:45	18:15	15
D5	2026 + Dev	AM	ONE HOUR	07:45	09:15	15
D6	2026 + Dev	PM	ONE HOUR	16:45	18:15	15
D7	2031	AM	ONE HOUR	07:45	09:15	15
D8	2031	PM	ONE HOUR	16:45	18:15	15
D9	2031 + Dev	AM	ONE HOUR	07:45	09:15	15
D10	2031 + Dev	PM	ONE HOUR	16:45	18:15	15

Analysis Set Details

ID	Network flow scaling factor (%)
A1	100.000

2021 , AM

Data Errors and Warnings

Severity	Area	Item	Description
Warning	Minor arm visibility to right	B - B578 Lutterworth Road - Minor arm geometry	Visibility to right expected to have two components if the arm has two lanes, or two lanes in a flared section.

Junction Network

Junctions

Junction	Name	Junction type	Arm A Direction	Arm B Direction	Arm C Direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	A5 / B578 Lutterworth Road Junction	T-Junction	Two-way	Two-way	Two-way		1.68	A

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	1.68	A

Arms

Arms

Arm	Name	Description	Arm type
A	A5 (N)		Major
B	B578 Lutterworth Road		Minor
C	A5 (S)		Major

Major Arm Geometry

Arm	Width of carriageway (m)	Has kerbed central reserve	Has right-turn storage	Width for right-turn storage (m)	Visibility for right turn (m)	Blocks?	Blocking queue (PCU)
C - A5 (S)	6.50		✓	3.25	150.0	✓	12.00

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 - B578 Lutterworth Road	One lane plus flare	10.00	8.60	5.20	4.40	4.20		2.00	135	152

Slope / Intercept / Capacity

Priority Intersection Slopes and Intercepts

Stream	Intercept (Veh/hr)	Slope for A-B	Slope for A-C	Slope for C-A	Slope for C-B
B-A	558	0.099	0.251	0.158	0.359
B-C	845	0.127	0.320	-	-
C-B	736	0.279	0.279	-	-

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

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

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

Traffic Demand

Demand Set Details

ID	Scenario name	Time Period name	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)
D1	2021	AM	ONE HOUR	07:45	09:15	15

Demand overview (Traffic)

Arm	Linked arm	Use O-D data	Average Demand (Veh/hr)	Scaling Factor (%)
A - A5 (N)		✓	709	100.000
B - B578 Lutterworth Road		✓	200	100.000
C - A5 (S)		✓	807	100.000

Origin-Destination Data

Demand (Veh/hr)

	To			
		A - A5 (N)	B - B578 Lutterworth Road	C - A5 (S)
From	A - A5 (N)	0	6	703
	B - B578 Lutterworth Road	13	0	187
	C - A5 (S)	715	92	0

Vehicle Mix

Heavy Vehicle %

	To			
		A - A5 (N)	B - B578 Lutterworth Road	C - A5 (S)
From	A - A5 (N)	0	0	10
	B - B578 Lutterworth Road	0	0	1
	C - A5 (S)	9	1	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (Veh)	Max LOS
B-C	0.37	10.35	0.6	B
B-A	0.09	23.43	0.1	C
C-AB	0.21	9.21	0.3	A
C-A				
A-B				
A-C				

Main Results for each time segment

07:45 - 08:00

Stream	Total Demand (Veh/hr)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	141	646	0.218	140	0.3	7.093	A
B-A	10	293	0.033	10	0.0	12.706	B
C-AB	69	567	0.122	69	0.1	7.218	A
C-A	538			538			
A-B	5			5			
A-C	529			529			

08:00 - 08:15

Stream	Total Demand (Veh/hr)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	168	608	0.277	168	0.4	8.170	A
B-A	12	241	0.049	12	0.1	15.715	C
C-AB	83	535	0.154	83	0.2	7.948	A
C-A	643			643			
A-B	5			5			
A-C	632			632			

08:15 - 08:30

Stream	Total Demand (Veh/hr)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	206	554	0.372	205	0.6	10.302	B
B-A	14	168	0.085	14	0.1	23.369	C
C-AB	101	492	0.206	101	0.3	9.193	A
C-A	787			787			
A-B	7			7			
A-C	774			774			

08:30 - 08:45

Stream	Total Demand (Veh/hr)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	206	553	0.372	206	0.6	10.355	B
B-A	14	168	0.085	14	0.1	23.435	C
C-AB	101	492	0.206	101	0.3	9.214	A
C-A	787			787			
A-B	7			7			
A-C	774			774			

08:45 - 09:00

Stream	Total Demand (Veh/hr)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	168	608	0.277	169	0.4	8.218	A
B-A	12	240	0.049	12	0.1	15.755	C
C-AB	83	535	0.154	83	0.2	7.961	A
C-A	643			643			
A-B	5			5			
A-C	632			632			

09:00 - 09:15

Stream	Total Demand (Veh/hr)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	141	646	0.218	141	0.3	7.142	A
B-A	10	293	0.033	10	0.0	12.735	B
C-AB	69	567	0.122	69	0.1	7.240	A
C-A	538			538			
A-B	5			5			
A-C	529			529			

2021 , PM

Data Errors and Warnings

Severity	Area	Item	Description
Warning	Minor arm visibility to right	B - B578 Lutterworth Road - Minor arm geometry	Visibility to right expected to have two components if the arm has two lanes, or two lanes in a flared section.

Junction Network

Junctions

Junction	Name	Junction type	Arm A Direction	Arm B Direction	Arm C Direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	A5 / B578 Lutterworth Road Junction	T-Junction	Two-way	Two-way	Two-way		1.71	A

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	1.71	A

Traffic Demand

Demand Set Details

ID	Scenario name	Time Period name	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)
D2	2021	PM	ONE HOUR	16:45	18:15	15

Demand overview (Traffic)

Arm	Linked arm	Use O-D data	Average Demand (Veh/hr)	Scaling Factor (%)
A - A5 (N)		✓	653	100.000
B - B578 Lutterworth Road		✓	97	100.000
C - A5 (S)		✓	1007	100.000

Origin-Destination Data

Demand (Veh/hr)

	To			
		A - A5 (N)	B - B578 Lutterworth Road	C - A5 (S)
From	A - A5 (N)	0	12	641
	B - B578 Lutterworth Road	4	0	93
	C - A5 (S)	808	199	0

Vehicle Mix

Heavy Vehicle %

	To			
		A - A5 (N)	B - B578 Lutterworth Road	C - A5 (S)
From	A - A5 (N)	0	0	5
	B - B578 Lutterworth Road	0	0	0
	C - A5 (S)	9	1	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (Veh)	Max LOS
B-C	0.17	7.27	0.2	A
B-A	0.03	27.39	0.0	D
C-AB	0.42	11.93	0.7	B
C-A				
A-B				
A-C				

Main Results for each time segment

16:45 - 17:00

Stream	Total Demand (Veh/hr)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	70	676	0.104	70	0.1	5.933	A
B-A	3	269	0.011	3	0.0	13.528	B
C-AB	150	587	0.255	148	0.3	8.192	A
C-A	608			608			
A-B	9			9			
A-C	483			483			

17:00 - 17:15

Stream	Total Demand (Veh/hr)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	84	643	0.130	83	0.1	6.426	A
B-A	4	213	0.017	4	0.0	17.180	C
C-AB	179	559	0.320	178	0.5	9.449	A
C-A	726			726			
A-B	11			11			
A-C	576			576			

17:15 - 17:30

Stream	Total Demand (Veh/hr)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	102	598	0.171	102	0.2	7.262	A
B-A	4	136	0.032	4	0.0	27.295	D
C-AB	219	521	0.421	218	0.7	11.860	B
C-A	890			890			
A-B	13			13			
A-C	706			706			

17:30 - 17:45

Stream	Total Demand (Veh/hr)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	102	598	0.171	102	0.2	7.269	A
B-A	4	136	0.032	4	0.0	27.390	D
C-AB	219	521	0.421	219	0.7	11.931	B
C-A	890			890			
A-B	13			13			
A-C	706			706			

17:45 - 18:00

Stream	Total Demand (Veh/hr)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	84	643	0.130	84	0.2	6.438	A
B-A	4	213	0.017	4	0.0	17.235	C
C-AB	179	559	0.320	180	0.5	9.523	A
C-A	726			726			
A-B	11			11			
A-C	576			576			

18:00 - 18:15

Stream	Total Demand (Veh/hr)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	70	676	0.104	70	0.1	5.946	A
B-A	3	268	0.011	3	0.0	13.569	B
C-AB	150	587	0.255	150	0.3	8.262	A
C-A	608			608			
A-B	9			9			
A-C	483			483			

2026, AM

Data Errors and Warnings

Severity	Area	Item	Description
Warning	Minor arm visibility to right	B - B578 Lutterworth Road - Minor arm geometry	Visibility to right expected to have two components if the arm has two lanes, or two lanes in a flared section.

Junction Network

Junctions

Junction	Name	Junction type	Arm A Direction	Arm B Direction	Arm C Direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	A5 / B578 Lutterworth Road Junction	T-Junction	Two-way	Two-way	Two-way		2.25	A

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	2.25	A

Traffic Demand

Demand Set Details

ID	Scenario name	Time Period name	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)
D3	2026	AM	ONE HOUR	07:45	09:15	15

Demand overview (Traffic)

Arm	Linked arm	Use O-D data	Average Demand (Veh/hr)	Scaling Factor (%)
A - A5 (N)		✓	697	100.000
B - B578 Lutterworth Road		✓	266	100.000
C - A5 (S)		✓	893	100.000

Origin-Destination Data

Demand (Veh/hr)

	To			
From		A - A5 (N)	B - B578 Lutterworth Road	C - A5 (S)
	A - A5 (N)	0	6	691
	B - B578 Lutterworth Road	15	0	251
	C - A5 (S)	803	90	0

Vehicle Mix

Heavy Vehicle %

	To			
From		A - A5 (N)	B - B578 Lutterworth Road	C - A5 (S)
	A - A5 (N)	0	0	10
	B - B578 Lutterworth Road	0	0	1
	C - A5 (S)	9	1	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (Veh)	Max LOS
B-C	0.50	12.88	1.0	B
B-A	0.11	27.02	0.1	D
C-AB	0.20	9.07	0.2	A
C-A				
A-B				
A-C				

Main Results for each time segment

07:45 - 08:00

Stream	Total Demand (Veh/hr)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	189	649	0.291	187	0.4	7.767	A
B-A	11	283	0.040	11	0.0	13.249	B
C-AB	68	570	0.119	67	0.1	7.157	A
C-A	605			605			
A-B	5			5			
A-C	520			520			

08:00 - 08:15

Stream	Total Demand (Veh/hr)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	226	611	0.369	225	0.6	9.305	A
B-A	13	228	0.059	13	0.1	16.798	C
C-AB	81	539	0.150	81	0.2	7.858	A
C-A	722			722			
A-B	5			5			
A-C	621			621			

08:15 - 08:30

Stream	Total Demand (Veh/hr)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	276	556	0.497	275	1.0	12.733	B
B-A	17	150	0.110	16	0.1	26.881	D
C-AB	99	496	0.200	99	0.2	9.057	A
C-A	884			884			
A-B	7			7			
A-C	761			761			

08:30 - 08:45

Stream	Total Demand (Veh/hr)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	276	556	0.497	276	1.0	12.879	B
B-A	17	150	0.110	17	0.1	27.022	D
C-AB	99	496	0.200	99	0.2	9.070	A
C-A	884			884			
A-B	7			7			
A-C	761			761			

08:45 - 09:00

Stream	Total Demand (Veh/hr)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	226	611	0.369	227	0.6	9.421	A
B-A	13	227	0.059	14	0.1	16.877	C
C-AB	81	539	0.150	81	0.2	7.873	A
C-A	722			722			
A-B	5			5			
A-C	621			621			

09:00 - 09:15

Stream	Total Demand (Veh/hr)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	189	649	0.291	190	0.4	7.851	A
B-A	11	282	0.040	11	0.0	13.293	B
C-AB	68	570	0.119	68	0.1	7.176	A
C-A	605			605			
A-B	5			5			
A-C	520			520			

2026, PM

Data Errors and Warnings

Severity	Area	Item	Description
Warning	Minor arm visibility to right	B - B578 Lutterworth Road - Minor arm geometry	Visibility to right expected to have two components if the arm has two lanes, or two lanes in a flared section.

Junction Network

Junctions

Junction	Name	Junction type	Arm A Direction	Arm B Direction	Arm C Direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	A5 / B578 Lutterworth Road Junction	T-Junction	Two-way	Two-way	Two-way		1.89	A

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	1.89	A

Traffic Demand

Demand Set Details

ID	Scenario name	Time Period name	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)
D4	2026	PM	ONE HOUR	16:45	18:15	15

Demand overview (Traffic)

Arm	Linked arm	Use O-D data	Average Demand (Veh/hr)	Scaling Factor (%)
A - A5 (N)		✓	791	100.000
B - B578 Lutterworth Road		✓	122	100.000
C - A5 (S)		✓	1126	100.000

Origin-Destination Data

Demand (Veh/hr)

	To			
From		A - A5 (N)	B - B578 Lutterworth Road	C - A5 (S)
	A - A5 (N)	0	12	779
	B - B578 Lutterworth Road	4	0	118
	C - A5 (S)	925	201	0

Vehicle Mix

Heavy Vehicle %

	To			
From		A - A5 (N)	B - B578 Lutterworth Road	C - A5 (S)
	A - A5 (N)	0	0	5
	B - B578 Lutterworth Road	0	0	0
	C - A5 (S)	9	1	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (Veh)	Max LOS
B-C	0.24	8.70	0.3	A
B-A	0.06	52.69	0.1	F
C-AB	0.46	14.09	0.9	B
C-A				
A-B				
A-C				

Main Results for each time segment

16:45 - 17:00

Stream	Total Demand (Veh/hr)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	89	642	0.138	88	0.2	6.500	A
B-A	3	226	0.013	3	0.0	16.152	C
C-AB	151	556	0.272	150	0.4	8.824	A
C-A	696			696			
A-B	9			9			
A-C	586			586			

17:00 - 17:15

Stream	Total Demand (Veh/hr)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	106	602	0.176	106	0.2	7.254	A
B-A	4	162	0.022	4	0.0	22.788	C
C-AB	181	523	0.346	180	0.5	10.482	B
C-A	832			832			
A-B	11			11			
A-C	700			700			

17:15 - 17:30

Stream	Total Demand (Veh/hr)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	130	544	0.239	130	0.3	8.681	A
B-A	4	73	0.060	4	0.1	52.124	F
C-AB	221	477	0.464	220	0.8	13.956	B
C-A	1018			1018			
A-B	13			13			
A-C	858			858			

17:30 - 17:45

Stream	Total Demand (Veh/hr)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	130	543	0.239	130	0.3	8.705	A
B-A	4	73	0.061	4	0.1	52.689	F
C-AB	221	477	0.464	221	0.9	14.091	B
C-A	1018			1018			
A-B	13			13			
A-C	858			858			

17:45 - 18:00

Stream	Total Demand (Veh/hr)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	106	602	0.176	106	0.2	7.275	A
B-A	4	161	0.022	4	0.0	22.939	C
C-AB	181	523	0.346	182	0.5	10.598	B
C-A	832			832			
A-B	11			11			
A-C	700			700			

18:00 - 18:15

Stream	Total Demand (Veh/hr)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	89	641	0.139	89	0.2	6.519	A
B-A	3	225	0.013	3	0.0	16.219	C
C-AB	151	556	0.272	152	0.4	8.914	A
C-A	696			696			
A-B	9			9			
A-C	586			586			

2026 + Dev, AM

Data Errors and Warnings

Severity	Area	Item	Description
Warning	Minor arm visibility to right	B - B578 Lutterworth Road - Minor arm geometry	Visibility to right expected to have two components if the arm has two lanes, or two lanes in a flared section.

Junction Network

Junctions

Junction	Name	Junction type	Arm A Direction	Arm B Direction	Arm C Direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	A5 / B578 Lutterworth Road Junction	T-Junction	Two-way	Two-way	Two-way		2.61	A

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	2.61	A

Traffic Demand

Demand Set Details

ID	Scenario name	Time Period name	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)
D5	2026 + Dev	AM	ONE HOUR	07:45	09:15	15

Demand overview (Traffic)

Arm	Linked arm	Use O-D data	Average Demand (Veh/hr)	Scaling Factor (%)
A - A5 (N)		✓	713	100.000
B - B578 Lutterworth Road		✓	288	100.000
C - A5 (S)		✓	898	100.000

Origin-Destination Data

Demand (Veh/hr)

	To			
From		A - A5 (N)	B - B578 Lutterworth Road	C - A5 (S)
	A - A5 (N)	0	6	707
	B - B578 Lutterworth Road	16	0	272
	C - A5 (S)	803	95	0

Vehicle Mix

Heavy Vehicle %

	To			
From		A - A5 (N)	B - B578 Lutterworth Road	C - A5 (S)
	A - A5 (N)	0	0	10
	B - B578 Lutterworth Road	0	0	1
	C - A5 (S)	9	1	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (Veh)	Max LOS
B-C	0.55	14.48	1.2	B
B-A	0.13	29.54	0.1	D
C-AB	0.21	9.32	0.3	A
C-A				
A-B				
A-C				

Main Results for each time segment

07:45 - 08:00

Stream	Total Demand (Veh/hr)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	205	645	0.318	203	0.5	8.118	A
B-A	12	277	0.043	12	0.0	13.561	B
C-AB	72	566	0.126	71	0.1	7.264	A
C-A	605			605			
A-B	5			5			
A-C	532			532			

08:00 - 08:15

Stream	Total Demand (Veh/hr)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	245	605	0.404	244	0.7	9.929	A
B-A	14	220	0.065	14	0.1	17.462	C
C-AB	85	534	0.160	85	0.2	8.011	A
C-A	722			722			
A-B	5			5			
A-C	636			636			

08:15 - 08:30

Stream	Total Demand (Veh/hr)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	299	548	0.546	297	1.2	14.244	B
B-A	18	140	0.126	17	0.1	29.317	D
C-AB	105	491	0.213	104	0.3	9.310	A
C-A	884			884			
A-B	7			7			
A-C	778			778			

08:30 - 08:45

Stream	Total Demand (Veh/hr)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	299	548	0.547	299	1.2	14.476	B
B-A	18	139	0.126	18	0.1	29.538	D
C-AB	105	491	0.213	105	0.3	9.325	A
C-A	884			884			
A-B	7			7			
A-C	778			778			

08:45 - 09:00

Stream	Total Demand (Veh/hr)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	245	605	0.404	246	0.7	10.096	B
B-A	14	220	0.065	15	0.1	17.558	C
C-AB	85	534	0.160	86	0.2	8.030	A
C-A	722			722			
A-B	5			5			
A-C	636			636			

09:00 - 09:15

Stream	Total Demand (Veh/hr)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	205	644	0.318	206	0.5	8.223	A
B-A	12	277	0.044	12	0.0	13.610	B
C-AB	72	566	0.126	72	0.1	7.287	A
C-A	605			605			
A-B	5			5			
A-C	532			532			

2026 + Dev, PM

Data Errors and Warnings

Severity	Area	Item	Description
Warning	Minor arm visibility to right	B - B578 Lutterworth Road - Minor arm geometry	Visibility to right expected to have two components if the arm has two lanes, or two lanes in a flared section.

Junction Network

Junctions

Junction	Name	Junction type	Arm A Direction	Arm B Direction	Arm C Direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	A5 / B578 Lutterworth Road Junction	T-Junction	Two-way	Two-way	Two-way		2.38	A

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	2.38	A

Traffic Demand

Demand Set Details

ID	Scenario name	Time Period name	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)
D6	2026 + Dev	PM	ONE HOUR	16:45	18:15	15

Demand overview (Traffic)

Arm	Linked arm	Use O-D data	Average Demand (Veh/hr)	Scaling Factor (%)
A - A5 (N)		✓	797	100.000
B - B578 Lutterworth Road		✓	129	100.000
C - A5 (S)		✓	1184	100.000

Origin-Destination Data

Demand (Veh/hr)

	To			
		A - A5 (N)	B - B578 Lutterworth Road	C - A5 (S)
From	A - A5 (N)	0	12	785
	B - B578 Lutterworth Road	4	0	125
	C - A5 (S)	950	234	0

Vehicle Mix

Heavy Vehicle %

	To			
		A - A5 (N)	B - B578 Lutterworth Road	C - A5 (S)
From	A - A5 (N)	0	0	5
	B - B578 Lutterworth Road	0	0	0
	C - A5 (S)	9	1	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (Veh)	Max LOS
B-C	0.26	9.00	0.3	A
B-A	0.08	74.39	0.1	F
C-AB	0.54	16.54	1.2	C
C-A				
A-B				
A-C				

Main Results for each time segment

16:45 - 17:00

Stream	Total Demand (Veh/hr)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	94	640	0.147	93	0.2	6.579	A
B-A	3	212	0.014	3	0.0	17.185	C
C-AB	176	555	0.317	174	0.5	9.411	A
C-A	715			715			
A-B	9			9			
A-C	591			591			

17:00 - 17:15

Stream	Total Demand (Veh/hr)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	112	600	0.187	112	0.2	7.379	A
B-A	4	145	0.025	4	0.0	25.373	D
C-AB	210	521	0.404	210	0.7	11.515	B
C-A	854			854			
A-B	11			11			
A-C	706			706			

17:15 - 17:30

Stream	Total Demand (Veh/hr)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	138	539	0.256	137	0.3	8.959	A
B-A	4	53	0.082	4	0.1	72.764	F
C-AB	258	475	0.543	256	1.1	16.277	C
C-A	1046			1046			
A-B	13			13			
A-C	864			864			

17:30 - 17:45

Stream	Total Demand (Veh/hr)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	138	538	0.256	138	0.3	8.997	A
B-A	4	53	0.083	4	0.1	74.385	F
C-AB	258	475	0.543	258	1.2	16.541	C
C-A	1046			1046			
A-B	13			13			
A-C	864			864			

17:45 - 18:00

Stream	Total Demand (Veh/hr)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	112	599	0.187	113	0.2	7.404	A
B-A	4	144	0.025	4	0.0	25.653	D
C-AB	210	521	0.403	212	0.7	11.719	B
C-A	854			854			
A-B	11			11			
A-C	706			706			

18:00 - 18:15

Stream	Total Demand (Veh/hr)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	94	640	0.147	94	0.2	6.604	A
B-A	3	211	0.014	3	0.0	17.282	C
C-AB	176	555	0.317	177	0.5	9.544	A
C-A	715			715			
A-B	9			9			
A-C	591			591			

2031, AM

Data Errors and Warnings

Severity	Area	Item	Description
Warning	Minor arm visibility to right	B - B578 Lutterworth Road - Minor arm geometry	Visibility to right expected to have two components if the arm has two lanes, or two lanes in a flared section.

Junction Network

Junctions

Junction	Name	Junction type	Arm A Direction	Arm B Direction	Arm C Direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	A5 / B578 Lutterworth Road Junction	T-Junction	Two-way	Two-way	Two-way		6.79	A

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	6.79	A

Traffic Demand

Demand Set Details

ID	Scenario name	Time Period name	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)
D7	2031	AM	ONE HOUR	07:45	09:15	15

Demand overview (Traffic)

Arm	Linked arm	Use O-D data	Average Demand (Veh/hr)	Scaling Factor (%)
A - A5 (N)		✓	669	100.000
B - B578 Lutterworth Road		✓	405	100.000
C - A5 (S)		✓	879	100.000

Origin-Destination Data

Demand (Veh/hr)

	To			
		A - A5 (N)	B - B578 Lutterworth Road	C - A5 (S)
From	A - A5 (N)	0	6	663
	B - B578 Lutterworth Road	57	0	348
	C - A5 (S)	788	91	0

Vehicle Mix

Heavy Vehicle %

	To			
		A - A5 (N)	B - B578 Lutterworth Road	C - A5 (S)
From	A - A5 (N)	0	0	10
	B - B578 Lutterworth Road	0	0	1
	C - A5 (S)	9	1	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (Veh)	Max LOS
B-C	0.76	29.71	3.0	D
B-A	0.48	51.83	0.9	F
C-AB	0.20	8.88	0.2	A
C-A				
A-B				
A-C				

Main Results for each time segment

07:45 - 08:00

Stream	Total Demand (Veh/hr)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	262	628	0.417	259	0.7	9.696	A
B-A	43	291	0.147	42	0.2	14.407	B
C-AB	69	576	0.119	68	0.1	7.077	A
C-A	593			593			
A-B	5			5			
A-C	499			499			

08:00 - 08:15

Stream	Total Demand (Veh/hr)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	313	583	0.536	311	1.1	13.140	B
B-A	51	230	0.223	51	0.3	20.007	C
C-AB	82	546	0.150	82	0.2	7.743	A
C-A	708			708			
A-B	5			5			
A-C	596			596			

08:15 - 08:30

Stream	Total Demand (Veh/hr)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	383	505	0.758	376	2.8	26.664	D
B-A	63	135	0.466	61	0.8	47.410	E
C-AB	100	505	0.198	100	0.2	8.873	A
C-A	868			868			
A-B	7			7			
A-C	730			730			

08:30 - 08:45

Stream	Total Demand (Veh/hr)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	383	502	0.764	382	3.0	29.708	D
B-A	63	131	0.477	63	0.9	51.829	F
C-AB	100	505	0.198	100	0.2	8.885	A
C-A	868			868			
A-B	7			7			
A-C	730			730			

08:45 - 09:00

Stream	Total Demand (Veh/hr)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	313	581	0.539	320	1.2	14.161	B
B-A	51	228	0.225	53	0.3	20.845	C
C-AB	82	546	0.150	82	0.2	7.757	A
C-A	708			708			
A-B	5			5			
A-C	596			596			

09:00 - 09:15

Stream	Total Demand (Veh/hr)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	262	627	0.418	264	0.7	9.968	A
B-A	43	291	0.148	43	0.2	14.582	B
C-AB	69	576	0.119	69	0.1	7.099	A
C-A	593			593			
A-B	5			5			
A-C	499			499			

2031, PM

Data Errors and Warnings

Severity	Area	Item	Description
Warning	Minor arm visibility to right	B - B578 Lutterworth Road - Minor arm geometry	Visibility to right expected to have two components if the arm has two lanes, or two lanes in a flared section.

Junction Network

Junctions

Junction	Name	Junction type	Arm A Direction	Arm B Direction	Arm C Direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	A5 / B578 Lutterworth Road Junction	T-Junction	Two-way	Two-way	Two-way		2.42	A

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	2.42	A

Traffic Demand

Demand Set Details

ID	Scenario name	Time Period name	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)
D8	2031	PM	ONE HOUR	16:45	18:15	15

Demand overview (Traffic)

Arm	Linked arm	Use O-D data	Average Demand (Veh/hr)	Scaling Factor (%)
A - A5 (N)		✓	778	100.000
B - B578 Lutterworth Road		✓	140	100.000
C - A5 (S)		✓	1241	100.000

Origin-Destination Data

Demand (Veh/hr)

	To			
From		A - A5 (N)	B - B578 Lutterworth Road	C - A5 (S)
	A - A5 (N)	0	13	765
	B - B578 Lutterworth Road	4	0	136
	C - A5 (S)	1003	238	0

Vehicle Mix

Heavy Vehicle %

	To			
From		A - A5 (N)	B - B578 Lutterworth Road	C - A5 (S)
	A - A5 (N)	0	0	5
	B - B578 Lutterworth Road	0	0	0
	C - A5 (S)	9	1	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (Veh)	Max LOS
B-C	0.28	9.15	0.4	A
B-A	0.09	84.80	0.1	F
C-AB	0.55	16.41	1.2	C
C-A				
A-B				
A-C				

Main Results for each time segment

16:45 - 17:00

Stream	Total Demand (Veh/hr)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	102	645	0.159	102	0.2	6.618	A
B-A	3	208	0.014	3	0.0	17.531	C
C-AB	179	559	0.320	177	0.5	9.382	A
C-A	755			755			
A-B	10			10			
A-C	576			576			

17:00 - 17:15

Stream	Total Demand (Veh/hr)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	122	606	0.202	122	0.3	7.440	A
B-A	4	140	0.026	4	0.0	26.287	D
C-AB	214	526	0.407	213	0.7	11.464	B
C-A	902			902			
A-B	12			12			
A-C	688			688			

17:15 - 17:30

Stream	Total Demand (Veh/hr)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	150	544	0.275	149	0.4	9.101	A
B-A	4	47	0.093	4	0.1	82.647	F
C-AB	262	482	0.545	261	1.2	16.147	C
C-A	1104			1104			
A-B	14			14			
A-C	842			842			

17:30 - 17:45

Stream	Total Demand (Veh/hr)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	150	543	0.276	150	0.4	9.150	A
B-A	4	47	0.094	4	0.1	84.804	F
C-AB	262	482	0.545	262	1.2	16.412	C
C-A	1104			1104			
A-B	14			14			
A-C	842			842			

17:45 - 18:00

Stream	Total Demand (Veh/hr)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	122	605	0.202	123	0.3	7.472	A
B-A	4	139	0.026	4	0.0	26.602	D
C-AB	214	526	0.407	216	0.7	11.666	B
C-A	902			902			
A-B	12			12			
A-C	688			688			

18:00 - 18:15

Stream	Total Demand (Veh/hr)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	102	645	0.159	103	0.2	6.645	A
B-A	3	207	0.015	3	0.0	17.635	C
C-AB	179	559	0.320	180	0.5	9.517	A
C-A	755			755			
A-B	10			10			
A-C	576			576			

2031 + Dev, AM

Data Errors and Warnings

Severity	Area	Item	Description
Warning	Minor arm visibility to right	B - B578 Lutterworth Road - Minor arm geometry	Visibility to right expected to have two components if the arm has two lanes, or two lanes in a flared section.

Junction Network

Junctions

Junction	Name	Junction type	Arm A Direction	Arm B Direction	Arm C Direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	A5 / B578 Lutterworth Road Junction	T-Junction	Two-way	Two-way	Two-way		9.67	A

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	9.67	A

Traffic Demand

Demand Set Details

ID	Scenario name	Time Period name	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)
D9	2031 + Dev	AM	ONE HOUR	07:45	09:15	15

Demand overview (Traffic)

Arm	Linked arm	Use O-D data	Average Demand (Veh/hr)	Scaling Factor (%)
A - A5 (N)		✓	685	100.000
B - B578 Lutterworth Road		✓	427	100.000
C - A5 (S)		✓	884	100.000

Origin-Destination Data

Demand (Veh/hr)

	To			
From		A - A5 (N)	B - B578 Lutterworth Road	C - A5 (S)
	A - A5 (N)	0	6	679
	B - B578 Lutterworth Road	58	0	369
	C - A5 (S)	788	96	0

Vehicle Mix

Heavy Vehicle %

	To			
From		A - A5 (N)	B - B578 Lutterworth Road	C - A5 (S)
	A - A5 (N)	0	0	10
	B - B578 Lutterworth Road	0	0	1
	C - A5 (S)	9	1	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (Veh)	Max LOS
B-C	0.83	41.45	4.4	E
B-A	0.58	75.05	1.2	F
C-AB	0.21	9.13	0.3	A
C-A				
A-B				
A-C				

Main Results for each time segment

07:45 - 08:00

Stream	Total Demand (Veh/hr)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	278	623	0.446	275	0.8	10.233	B
B-A	44	284	0.154	43	0.2	14.870	B
C-AB	72	572	0.126	72	0.1	7.182	A
C-A	593			593			
A-B	5			5			
A-C	511			511			

08:00 - 08:15

Stream	Total Demand (Veh/hr)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	332	577	0.574	330	1.3	14.406	B
B-A	52	220	0.237	52	0.3	21.334	C
C-AB	86	542	0.159	86	0.2	7.890	A
C-A	708			708			
A-B	5			5			
A-C	610			610			

08:15 - 08:30

Stream	Total Demand (Veh/hr)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	406	493	0.824	396	3.9	34.065	D
B-A	64	116	0.550	61	1.1	62.129	F
C-AB	106	500	0.211	105	0.3	9.115	A
C-A	868			868			
A-B	7			7			
A-C	748			748			

08:30 - 08:45

Stream	Total Demand (Veh/hr)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	406	487	0.834	404	4.4	41.445	E
B-A	64	110	0.581	63	1.2	75.053	F
C-AB	106	500	0.211	106	0.3	9.129	A
C-A	868			868			
A-B	7			7			
A-C	748			748			

08:45 - 09:00

Stream	Total Demand (Veh/hr)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	332	573	0.578	344	1.4	16.395	C
B-A	52	216	0.241	56	0.3	22.935	C
C-AB	86	542	0.159	87	0.2	7.909	A
C-A	708			708			
A-B	5			5			
A-C	610			610			

09:00 - 09:15

Stream	Total Demand (Veh/hr)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	278	622	0.446	280	0.8	10.589	B
B-A	44	283	0.154	44	0.2	15.089	C
C-AB	72	572	0.126	72	0.1	7.202	A
C-A	593			593			
A-B	5			5			
A-C	511			511			

2031 + Dev, PM

Data Errors and Warnings

Severity	Area	Item	Description
Warning	Minor arm visibility to right	B - B578 Lutterworth Road - Minor arm geometry	Visibility to right expected to have two components if the arm has two lanes, or two lanes in a flared section.

Junction Network

Junctions

Junction	Name	Junction type	Arm A Direction	Arm B Direction	Arm C Direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	A5 / B578 Lutterworth Road Junction	T-Junction	Two-way	Two-way	Two-way		3.15	A

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	3.15	A

Traffic Demand

Demand Set Details

ID	Scenario name	Time Period name	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)
D10	2031 + Dev	PM	ONE HOUR	16:45	18:15	15

Demand overview (Traffic)

Arm	Linked arm	Use O-D data	Average Demand (Veh/hr)	Scaling Factor (%)
A - A5 (N)		✓	784	100.000
B - B578 Lutterworth Road		✓	147	100.000
C - A5 (S)		✓	1299	100.000

Origin-Destination Data

Demand (Veh/hr)

	To			
From		A - A5 (N)	B - B578 Lutterworth Road	C - A5 (S)
	A - A5 (N)	0	13	771
	B - B578 Lutterworth Road	4	0	143
	C - A5 (S)	1028	271	0

Vehicle Mix

Heavy Vehicle %

	To			
From		A - A5 (N)	B - B578 Lutterworth Road	C - A5 (S)
	A - A5 (N)	0	0	5
	B - B578 Lutterworth Road	0	0	0
	C - A5 (S)	9	1	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (Veh)	Max LOS
B-C	0.30	9.70	0.4	A
B-A	0.16	159.76	0.2	F
C-AB	0.62	19.72	1.6	C
C-A				
A-B				
A-C				

Main Results for each time segment

16:45 - 17:00

Stream	Total Demand (Veh/hr)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	108	643	0.167	107	0.2	6.701	A
B-A	3	195	0.015	3	0.0	18.753	C
C-AB	204	558	0.366	202	0.6	10.046	B
C-A	774			774			
A-B	10			10			
A-C	580			580			

17:00 - 17:15

Stream	Total Demand (Veh/hr)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	129	603	0.213	128	0.3	7.571	A
B-A	4	124	0.029	4	0.0	29.787	D
C-AB	244	525	0.464	243	0.8	12.701	B
C-A	924			924			
A-B	12			12			
A-C	693			693			

17:15 - 17:30

Stream	Total Demand (Veh/hr)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	157	532	0.296	157	0.4	9.556	A
B-A	4	28	0.159	4	0.2	148.324	F
C-AB	301	483	0.623	298	1.6	19.172	C
C-A	1129			1129			
A-B	14			14			
A-C	849			849			

17:30 - 17:45

Stream	Total Demand (Veh/hr)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	157	528	0.298	157	0.4	9.700	A
B-A	4	27	0.165	4	0.2	159.761	F
C-AB	301	483	0.623	301	1.6	19.725	C
C-A	1129			1129			
A-B	14			14			
A-C	849			849			

17:45 - 18:00

Stream	Total Demand (Veh/hr)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	129	602	0.213	129	0.3	7.616	A
B-A	4	123	0.029	4	0.0	30.453	D
C-AB	244	525	0.464	247	0.9	13.069	B
C-A	924			924			
A-B	12			12			
A-C	693			693			

18:00 - 18:15

Stream	Total Demand (Veh/hr)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	108	643	0.167	108	0.2	6.731	A
B-A	3	194	0.016	3	0.0	18.900	C
C-AB	204	558	0.366	205	0.6	10.241	B
C-A	774			774			
A-B	10			10			
A-C	580			580			