



APPENDIX N

Framework Travel Plan

Junctions 9
PICADY 9 - Priority Intersection Module
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Filename: David Lloyd Access.j9
 Path: P:\19000's\19539\Technical\Junction models
 Report generation date: 19/06/2019 12:00:48

- »2026, AM
- »2026, PM
- »2031, AM
- »2031, PM
- »2031 with SEPR, AM
- »2031 with SEPR, PM

Summary of junction performance

	AM				PM			
	Q (PCU)	Delay (s)	RFC	Res Cap	Q (PCU)	Delay (s)	RFC	Res Cap
2026								
Stream B-AC	0.1	6.58	0.06	430 %	0.2	7.66	0.17	204 %
Stream C-AB	0.1	6.38	0.04	[Stream B-AC]	0.1	6.49	0.05	[Stream B-AC]
2031								
Stream B-AC	0.1	6.84	0.07	341 %	0.2	7.41	0.16	234 %
Stream C-AB	0.1	6.59	0.05	[Stream B-AC]	0.1	6.31	0.05	[Stream B-AC]
2031 with SEPR								
Stream B-AC	0.1	6.67	0.06	394 %	0.2	7.46	0.16	228 %
Stream C-AB	0.1	6.45	0.04	[Stream B-AC]	0.1	6.34	0.05	[Stream B-AC]

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	David Lloyd Site Access
Location	Wendlebury Road
Site number	
Date	19/06/2019
Version	
Status	(new file)
Identifier	
Client	Albion Land
Jobnumber	19539
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

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

ID	Scenario name	Time Period name	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)	Run automatically
D1	2026	AM	ONE HOUR	07:45	09:15	15	✓
D2	2026	PM	ONE HOUR	16:45	18:15	15	✓
D3	2031	AM	ONE HOUR	07:45	09:15	15	✓
D4	2031	PM	ONE HOUR	16:45	18:15	15	✓
D5	2031 with SEPR	AM	ONE HOUR	07:45	09:15	15	✓
D6	2031 with SEPR	PM	ONE HOUR	16:45	18:15	15	✓

Analysis Set Details

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

2026, AM

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Major road direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	DL Site Access	T-Junction	Two-way		0.90	A

Junction Network Options

Driving side	Lighting	Res Cap (%)	First arm reaching threshold
Left	Normal/unknown	430	Stream B-AC

Arms

Arms

Arm	Name	Description	Arm type
A	Wendlebury Road North		Major
B	Site Access		Minor
C	untitled		Major

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)
C	6.00			0.0	✓	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	Lane width (m)	Visibility to left (m)	Visibility to right (m)
B	One lane	3.00	46	44

Slope / Intercept / Capacity

Priority Intersection Slopes and Intercepts

Junction	Stream	Intercept (PCU/hr)	Slope for A-B	Slope for A-C	Slope for C-A	Slope for C-B
1	B-A	514	0.094	0.237	0.149	0.338
1	B-C	651	0.100	0.252	-	-
1	C-B	574	0.222	0.222	-	-

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	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)	Run automatically
D1	2026	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	✓	255	100.000
B		ONE HOUR	✓	34	100.000
C		ONE HOUR	✓	120	100.000

Origin-Destination Data

Demand (PCU/hr)

	To			
	A	B	C	
From	A	0	24	231
	B	0	0	34
	C	101	19	0

Vehicle Mix

HV %s

	To			
	A	B	C	
From	A	0	0	1
	B	0	0	0
	C	1	0	0

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-AC	0.06	6.58	0.1	A	31	47
C-AB	0.04	6.38	0.1	A	21	31
C-A					89	134
A-B					22	33
A-C					212	318

Main Results for each time segment

07:45 - 08:00

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	26	6	606	0.042	25	0.0	0.0	6.202	A
C-AB	16	4	585	0.028	16	0.0	0.0	6.338	A
C-A	74	18			74				
A-B	18	5			18				
A-C	174	43			174				

08:00 - 08:15

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	31	8	597	0.051	31	0.0	0.1	6.356	A
C-AB	20	5	587	0.034	20	0.0	0.0	6.355	A
C-A	88	22			88				
A-B	22	5			22				
A-C	208	52			208				

08:15 - 08:30

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	37	9	585	0.064	37	0.1	0.1	6.579	A
C-AB	26	6	591	0.044	26	0.0	0.1	6.380	A
C-A	106	27			106				
A-B	26	7			26				
A-C	254	64			254				

08:30 - 08:45

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	37	9	585	0.064	37	0.1	0.1	6.579	A
C-AB	26	6	591	0.044	26	0.1	0.1	6.380	A
C-A	106	27			106				
A-B	26	7			26				
A-C	254	64			254				

08:45 - 09:00

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	31	8	597	0.051	31	0.1	0.1	6.360	A
C-AB	20	5	587	0.034	20	0.1	0.0	6.359	A
C-A	88	22			88				
A-B	22	5			22				
A-C	208	52			208				

09:00 - 09:15

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	26	6	606	0.042	26	0.1	0.0	6.208	A
C-AB	16	4	585	0.028	17	0.0	0.0	6.345	A
C-A	74	18			74				
A-B	18	5			18				
A-C	174	43			174				

2026 , PM

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Major road direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	DL Site Access	T-Junction	Two-way		1.48	A

Junction Network Options

Driving side	Lighting	Res Cap (%)	First arm reaching threshold
Left	Normal/unknown	204	Stream B-AC

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)	Run automatically
D2	2026	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	✓	331	100.000
B		ONE HOUR	✓	85	100.000
C		ONE HOUR	✓	137	100.000

Origin-Destination Data

Demand (PCU/hr)

		To		
		A	B	C
From	A	0	23	308
	B	0	0	85
	C	116	21	0

Vehicle Mix

HV %s

		To		
		A	B	C
From	A	0	0	1
	B	0	0	0
	C	1	0	0

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-AC	0.17	7.66	0.2	A	78	117
C-AB	0.05	6.49	0.1	A	24	36
C-A					102	153
A-B					21	32
A-C					283	424

Main Results for each time segment

16:45 - 17:00

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	64	16	591	0.108	64	0.0	0.1	6.817	A
C-AB	19	5	581	0.032	18	0.0	0.0	6.410	A
C-A	85	21			85				
A-B	17	4			17				
A-C	232	58			232				

17:00 - 17:15

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	76	19	579	0.132	76	0.1	0.2	7.152	A
C-AB	23	6	583	0.040	23	0.0	0.1	6.442	A
C-A	100	25			100				
A-B	21	5			21				
A-C	277	69			277				

17:15 - 17:30

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	94	23	563	0.166	93	0.2	0.2	7.657	A
C-AB	30	7	586	0.051	30	0.1	0.1	6.486	A
C-A	121	30			121				
A-B	25	6			25				
A-C	339	85			339				

17:30 - 17:45

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	94	23	563	0.166	94	0.2	0.2	7.663	A
C-AB	30	7	586	0.051	30	0.1	0.1	6.491	A
C-A	121	30			121				
A-B	25	6			25				
A-C	339	85			339				

17:45 - 18:00

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	76	19	579	0.132	77	0.2	0.2	7.160	A
C-AB	23	6	583	0.040	23	0.1	0.1	6.450	A
C-A	100	25			100				
A-B	21	5			21				
A-C	277	69			277				

18:00 - 18:15

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	64	16	591	0.108	64	0.2	0.1	6.831	A
C-AB	19	5	581	0.032	19	0.1	0.0	6.416	A
C-A	84	21			84				
A-B	17	4			17				
A-C	232	58			232				

2031, AM

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Major road direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	DL Site Access	T-Junction	Two-way		0.79	A

Junction Network Options

Driving side	Lighting	Res Cap (%)	First arm reaching threshold
Left	Normal/unknown	341	Stream B-AC

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)	Run automatically
D3	2031	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	✓	330	100.000
B		ONE HOUR	✓	34	100.000
C		ONE HOUR	✓	119	100.000

Origin-Destination Data

Demand (PCU/hr)

		To		
		A	B	C
From	A	0	24	306
	B	0	0	34
	C	100	19	0

Vehicle Mix

HV %s

		To		
		A	B	C
From	A	0	0	1
	B	0	0	0
	C	1	0	0

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-AC	0.07	6.84	0.1	A	31	47
C-AB	0.05	6.59	0.1	A	21	31
C-A					88	132
A-B					22	33
A-C					281	421

Main Results for each time segment

07:45 - 08:00

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	26	6	591	0.043	25	0.0	0.0	6.358	A
C-AB	16	4	572	0.029	16	0.0	0.0	6.481	A
C-A	73	18			73				
A-B	18	5			18				
A-C	230	58			230				

08:00 - 08:15

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	31	8	580	0.053	31	0.0	0.1	6.553	A
C-AB	20	5	573	0.035	20	0.0	0.0	6.530	A
C-A	87	22			87				
A-B	22	5			22				
A-C	275	69			275				

08:15 - 08:30

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	37	9	564	0.066	37	0.1	0.1	6.839	A
C-AB	26	6	573	0.045	26	0.0	0.1	6.592	A
C-A	105	26			105				
A-B	26	7			26				
A-C	337	84			337				

08:30 - 08:45

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	37	9	564	0.066	37	0.1	0.1	6.839	A
C-AB	26	6	573	0.045	26	0.1	0.1	6.595	A
C-A	105	26			105				
A-B	26	7			26				
A-C	337	84			337				

08:45 - 09:00

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	31	8	580	0.053	31	0.1	0.1	6.555	A
C-AB	20	5	573	0.035	20	0.1	0.0	6.532	A
C-A	87	22			87				
A-B	22	5			22				
A-C	275	69			275				

09:00 - 09:15

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	26	6	591	0.043	26	0.1	0.0	6.362	A
C-AB	16	4	572	0.029	17	0.0	0.0	6.489	A
C-A	73	18			73				
A-B	18	5			18				
A-C	230	58			230				

2031, PM

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Major road direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	DL Site Access	T-Junction	Two-way		1.59	A

Junction Network Options

Driving side	Lighting	Res Cap (%)	First arm reaching threshold
Left	Normal/unknown	234	Stream B-AC

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)	Run automatically
D4	2031	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	✓	273	100.000
B		ONE HOUR	✓	85	100.000
C		ONE HOUR	✓	140	100.000

Origin-Destination Data

Demand (PCU/hr)

		To		
		A	B	C
From	A	0	23	250
	B	0	0	85
	C	119	21	0

Vehicle Mix

HV %s

		To		
		A	B	C
From	A	0	0	1
	B	0	0	0
	C	1	0	0

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-AC	0.16	7.41	0.2	A	78	117
C-AB	0.05	6.31	0.1	A	24	36
C-A					105	157
A-B					21	32
A-C					229	344

Main Results for each time segment

16:45 - 17:00

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	64	16	602	0.106	64	0.0	0.1	6.678	A
C-AB	19	5	592	0.032	18	0.0	0.0	6.289	A
C-A	87	22			87				
A-B	17	4			17				
A-C	188	47			188				

17:00 - 17:15

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	76	19	593	0.129	76	0.1	0.1	6.970	A
C-AB	23	6	596	0.039	23	0.0	0.1	6.300	A
C-A	103	26			103				
A-B	21	5			21				
A-C	225	56			225				

17:15 - 17:30

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	94	23	579	0.162	93	0.1	0.2	7.406	A
C-AB	30	7	601	0.049	30	0.1	0.1	6.312	A
C-A	125	31			125				
A-B	25	6			25				
A-C	275	69			275				

17:30 - 17:45

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	94	23	579	0.162	94	0.2	0.2	7.409	A
C-AB	30	7	601	0.049	30	0.1	0.1	6.314	A
C-A	125	31			125				
A-B	25	6			25				
A-C	275	69			275				

17:45 - 18:00

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	76	19	593	0.129	77	0.2	0.1	6.980	A
C-AB	23	6	596	0.039	23	0.1	0.1	6.305	A
C-A	103	26			103				
A-B	21	5			21				
A-C	225	56			225				

18:00 - 18:15

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	64	16	602	0.106	64	0.1	0.1	6.691	A
C-AB	19	5	592	0.032	19	0.1	0.0	6.297	A
C-A	87	22			87				
A-B	17	4			17				
A-C	188	47			188				

2031 with SEPR, AM

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Major road direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	DL Site Access	T-Junction	Two-way		0.86	A

Junction Network Options

Driving side	Lighting	Res Cap (%)	First arm reaching threshold
Left	Normal/unknown	394	Stream B-AC

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)	Run automatically
D5	2031 with SEPR	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	✓	282	100.000
B		ONE HOUR	✓	34	100.000
C		ONE HOUR	✓	120	100.000

Origin-Destination Data

Demand (PCU/hr)

		To		
		A	B	C
From	A	0	24	258
	B	0	0	34
	C	101	19	0

Vehicle Mix

HV %s

		To		
		A	B	C
From	A	0	0	1
	B	0	0	0
	C	1	0	0

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-AC	0.06	6.67	0.1	A	31	47
C-AB	0.04	6.45	0.1	A	21	31
C-A					89	134
A-B					22	33
A-C					237	355

Main Results for each time segment

07:45 - 08:00

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	26	6	601	0.043	25	0.0	0.0	6.258	A
C-AB	16	4	581	0.028	16	0.0	0.0	6.387	A
C-A	74	18			74				
A-B	18	5			18				
A-C	194	49			194				

08:00 - 08:15

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	31	8	591	0.052	31	0.0	0.1	6.426	A
C-AB	20	5	582	0.035	20	0.0	0.0	6.416	A
C-A	88	22			88				
A-B	22	5			22				
A-C	232	58			232				

08:15 - 08:30

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	37	9	577	0.065	37	0.1	0.1	6.670	A
C-AB	26	6	585	0.044	26	0.0	0.1	6.452	A
C-A	106	27			106				
A-B	26	7			26				
A-C	284	71			284				

08:30 - 08:45

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	37	9	577	0.065	37	0.1	0.1	6.670	A
C-AB	26	6	585	0.044	26	0.1	0.1	6.454	A
C-A	106	27			106				
A-B	26	7			26				
A-C	284	71			284				

08:45 - 09:00

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	31	8	591	0.052	31	0.1	0.1	6.427	A
C-AB	20	5	582	0.035	20	0.1	0.0	6.420	A
C-A	88	22			88				
A-B	22	5			22				
A-C	232	58			232				

09:00 - 09:15

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	26	6	601	0.043	26	0.1	0.0	6.263	A
C-AB	16	4	581	0.028	17	0.0	0.0	6.394	A
C-A	74	18			74				
A-B	18	5			18				
A-C	194	49			194				

2031 with SEPR, PM

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Major road direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	DL Site Access	T-Junction	Two-way		1.57	A

Junction Network Options

Driving side	Lighting	Res Cap (%)	First arm reaching threshold
Left	Normal/unknown	228	Stream B-AC

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)	Run automatically
D6	2031 with SEPR	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	✓	284	100.000
B		ONE HOUR	✓	85	100.000
C		ONE HOUR	✓	140	100.000

Origin-Destination Data

Demand (PCU/hr)

		To		
		A	B	C
From	A	0	23	261
	B	0	0	85
	C	119	21	0

Vehicle Mix

HV %s

		To		
		A	B	C
From	A	0	0	1
	B	0	0	0
	C	1	0	0

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-AC	0.16	7.46	0.2	A	78	117
C-AB	0.05	6.34	0.1	A	24	36
C-A					105	157
A-B					21	32
A-C					239	359

Main Results for each time segment

16:45 - 17:00

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	64	16	600	0.107	64	0.0	0.1	6.704	A
C-AB	19	5	590	0.032	18	0.0	0.0	6.309	A
C-A	87	22			87				
A-B	17	4			17				
A-C	196	49			196				

17:00 - 17:15

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	76	19	590	0.129	76	0.1	0.1	7.004	A
C-AB	23	6	593	0.039	23	0.0	0.1	6.323	A
C-A	103	26			103				
A-B	21	5			21				
A-C	235	59			235				

17:15 - 17:30

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	94	23	576	0.162	93	0.1	0.2	7.453	A
C-AB	30	7	599	0.050	30	0.1	0.1	6.340	A
C-A	124	31			124				
A-B	25	6			25				
A-C	287	72			287				

17:30 - 17:45

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	94	23	576	0.162	94	0.2	0.2	7.456	A
C-AB	30	7	599	0.050	30	0.1	0.1	6.340	A
C-A	124	31			124				
A-B	25	6			25				
A-C	287	72			287				

17:45 - 18:00

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	76	19	590	0.129	77	0.2	0.2	7.014	A
C-AB	23	6	593	0.039	23	0.1	0.1	6.328	A
C-A	103	26			103				
A-B	21	5			21				
A-C	235	59			235				

18:00 - 18:15

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	64	16	600	0.107	64	0.2	0.1	6.717	A
C-AB	19	5	590	0.032	19	0.1	0.0	6.317	A
C-A	87	22			87				
A-B	17	4			17				
A-C	196	49			196				