

Junctions 11

PICADY 11 - Priority Intersection Module

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Filename: Junction 5 - Wrotham Road_Lewis Road.j11

Path: C:\Users\MatthewJohnson\Hub Transport Planning Ltd\Hub Transport Planning - General\Projects\T25526 Longfield Road, Meopham\Modelling\Picady

Report generation date: 20/04/2026 11:35:54

»D1 - 2032 | Reference Case | AM
»D2 - 2032 | Reference Case | PM
»D5 - 2032 | Reference Case + Site 2 | AM
»D6 - 2032 | Reference Case + Site 2 | PM
»D7 - 2032 | Reference Case + Site 1 + Site 2 | AM
»D8 - 2032 | Reference Case + Site 1 + Site 2 | PM
»D9 - 2042 | Local Plan | AM
»D10 - 2042 | Local Plan | PM
»D13 - 2042 | Local Plan + Site 2 | AM
»D14 - 2042 | Local Plan + Site 2 | PM
»D15 - 2042 | Local Plan + Site 1 + Site 2 | AM
»D16 - 2042 | Local Plan + Site 1 + Site 2 | PM

Summary of junction performance

	AM				PM			
	Set ID	Queue (PCU)	Delay (s)	RFC	Set ID	Queue (PCU)	Delay (s)	RFC
	2032 - Reference Case							
Stream B-AC	D1	2.6	38.81	0.73	D2	2.5	38.16	0.73
Stream C-AB		0.3	10.69	0.22		0.6	12.09	0.36
	2032 - Reference Case + Site 2							
Stream B-AC	D5	2.6	39.75	0.74	D6	2.7	40.14	0.74
Stream C-AB		0.3	10.73	0.22		0.6	12.03	0.36
	2032 - Reference Case + Site 1 + Site 2							
Stream B-AC	D7	3.0	45.83	0.77	D8	3.9	57.39	0.82
Stream C-AB		0.3	10.95	0.22		0.6	12.39	0.37
	2042 - Local Plan							
Stream B-AC	D9	38.7	369.71	1.22	D10	17.0	194.96	1.06
Stream C-AB		0.5	13.38	0.32		1.2	17.05	0.53
	2042 - Local Plan + Site 2							
Stream B-AC	D13	37.5	359.79	1.21	D14	19.5	218.64	1.08
Stream C-AB		0.5	13.44	0.32		1.1	17.00	0.53
	2042 - Local Plan + Site 1 + Site 2							
Stream B-AC	D15	44.4	428.72	1.27	D16	26.8	290.11	1.15
Stream C-AB		0.5	13.77	0.32		1.2	17.33	0.53

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

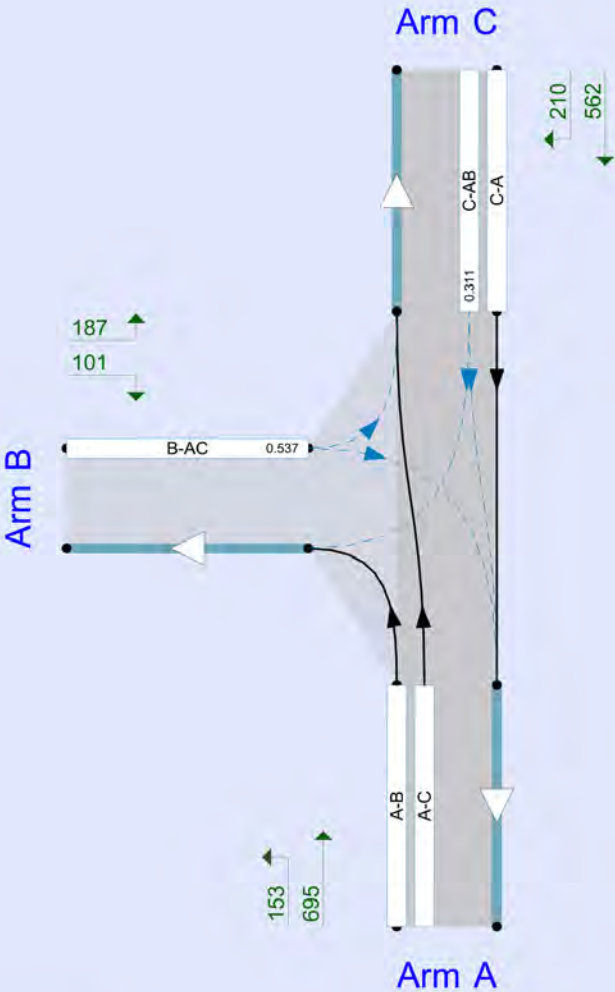
File summary

File Description

Title	
Location	Wrotham Road/Lewis Road
Site number	5
Date	08/04/2026
Version	
Status	(new file)
Identifier	MJ
Client	Richborough
Jobnumber	T25512
Enumerator	AzureAD\MatthewJohnson
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	PCU	PCU	perHour	s	-Min	perMin



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

The junction diagram reflects the last run of Junctions.

Analysis Options

PICADY short flare model	Vehicle length (m)	Calculate Queue Percentiles	Calculate detailed queueing delay	Show lane queues in feet / metres	Show all PICADY stream intercepts	Calculate residual capacity	RFC Threshold	Average Delay threshold (s)	Queue threshold (PCU)	Use simulation for HCM roundabouts	Use iterations for HCM roundabouts
PICADY 4.1	5.75						0.85	36.00	20.00		

Demand Set Summary

ID	Year	Scenario	Time period	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)	Run automatically
D1	2032	Reference Case	AM	ONE HOUR	07:45	09:15	15	✓
D2	2032	Reference Case	PM	ONE HOUR	16:45	18:15	15	✓
D3	2032	Reference Case + Site 1	AM	ONE HOUR	07:45	09:15	15	✓
D4	2032	Reference Case + Site 1	PM	ONE HOUR	16:45	18:15	15	✓
D5	2032	Reference Case + Site 2	AM	ONE HOUR	07:45	09:15	15	✓
D6	2032	Reference Case + Site 2	PM	ONE HOUR	16:45	18:15	15	✓
D7	2032	Reference Case + Site 1 + Site 2	AM	ONE HOUR	07:45	09:15	15	✓
D8	2032	Reference Case + Site 1 + Site 2	PM	ONE HOUR	16:45	18:15	15	✓
D9	2042	Local Plan	AM	ONE HOUR	07:45	09:15	15	✓
D10	2042	Local Plan	PM	ONE HOUR	16:45	18:15	15	✓
D11	2042	Local Plan + Site 1	AM	ONE HOUR	07:45	09:15	15	✓
D12	2042	Local Plan + Site 1	PM	ONE HOUR	16:45	18:15	15	✓
D13	2042	Local Plan + Site 2	AM	ONE HOUR	07:45	09:15	15	✓
D14	2042	Local Plan + Site 2	PM	ONE HOUR	16:45	18:15	15	✓
D15	2042	Local Plan + Site 1 + Site 2	AM	ONE HOUR	07:45	09:15	15	✓
D16	2042	Local Plan + Site 1 + Site 2	PM	ONE HOUR	16:45	18:15	15	✓

Analysis Set Details

ID	Include in report	Use specific Demand Set(s)	Specific Demand Set(s)	Network flow scaling factor (%)	Network capacity scaling factor (%)
A1	✓	✓	D1,D2,D5,D6,D7,D8,D9,D10,D13,D14,D15,D16	100.000	100.000

D1 - 2032 | Reference Case | AM

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Arm A Direction	Arm B Direction	Arm C Direction	Junction Delay (s)	Junction LOS
1	untitled	T-Junction	Two-way	Two-way	Two-way	6.10	A

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	6.10	A

Arms

Arms

Arm	Name	Description	Arm type
A	Wrotham Road S		Major
B	Lewis Road		Minor
C	Wrotham Road N		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	6.70		✓	3.00	70.8	✓	6.00

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	3.68	22	25

Slope / Intercept / Capacity

Priority Intersection Slopes and Intercepts

Stream	Intercept (PCU/hr)	Slope for A-B	Slope for A-C	Slope for C-A	Slope for C-B
B-A	531	0.095	0.241	0.152	0.345
B-C	683	0.100	0.252	-	-
C-B	669	0.251	0.251	-	-

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	Year	Scenario	Time period	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)	Run automatically
D1	2032	Reference Case	AM	ONE HOUR	07:45	09:15	15	✓

Demand overview (Traffic)

Arm	Linked arm	Profile type	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
A		ONE HOUR	✓	833	100.000
B		ONE HOUR	✓	228	100.000
C		ONE HOUR	✓	546	100.000

Origin-Destination Data

Demand (PCU/hr)

	To			
		A	B	C
	A	0	132	701
	B	76	0	152
	C	457	89	0

Vehicle Mix

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

Heavy Vehicle %

	To			
		A	B	C
	A	0	0	2
	B	1	0	1
	C	3	1	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/hr)	Total Junction Arrivals (PCU)
B-AC	0.73	38.81	2.6	E	209	314
C-AB	0.22	10.69	0.3	B	82	123
C-A					419	629
A-B					121	182
A-C					643	965

Main Results for each time segment

07:45 - 08:00

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	172	43	0.00	439	0.391	169	0.0	0.6	13.366	B
C-AB	67	17	0.00	511	0.131	66	0.0	0.2	8.167	A
C-A	344	86	0.00			344				
A-B	99	25	0.00			99				
A-C	528	132	0.00			528				

08:00 - 08:15

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	205	51	0.00	400	0.513	203	0.6	1.0	18.375	C
C-AB	80	20	0.00	480	0.167	80	0.2	0.2	9.070	A
C-A	411	103	0.00			411				
A-B	119	30	0.00			119				
A-C	630	158	0.00			630				

08:15 - 08:30

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	251	63	0.00	343	0.732	245	1.0	2.4	35.491	E
C-AB	98	25	0.00	438	0.224	98	0.2	0.3	10.664	B
C-A	503	126	0.00			503				
A-B	145	36	0.00			145				
A-C	772	193	0.00			772				

08:30 - 08:45

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	251	63	0.00	343	0.733	250	2.4	2.6	38.810	E
C-AB	98	25	0.00	438	0.224	98	0.3	0.3	10.685	B
C-A	503	126	0.00			503				
A-B	145	36	0.00			145				
A-C	772	193	0.00			772				

08:45 - 09:00

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	205	51	0.00	400	0.513	211	2.6	1.1	19.815	C
C-AB	80	20	0.00	480	0.167	80	0.3	0.2	9.094	A
C-A	411	103	0.00			411				
A-B	119	30	0.00			119				
A-C	630	158	0.00			630				

09:00 - 09:15

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	172	43	0.00	439	0.391	173	1.1	0.7	13.803	B
C-AB	67	17	0.00	511	0.131	67	0.2	0.2	8.196	A
C-A	344	86	0.00			344				
A-B	99	25	0.00			99				
A-C	528	132	0.00			528				

D2 - 2032 | Reference Case | PM

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Arm A Direction	Arm B Direction	Arm C Direction	Junction Delay (s)	Junction LOS
1	untitled	T-Junction	Two-way	Two-way	Two-way	6.66	A

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	6.66	A

Traffic Demand

Demand Set Details

ID	Year	Scenario	Time period	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)	Run automatically
D2	2032	Reference Case	PM	ONE HOUR	16:45	18:15	15	✓

Demand overview (Traffic)

Arm	Linked arm	Profile type	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
A		ONE HOUR	✓	712	100.000
B		ONE HOUR	✓	226	100.000
C		ONE HOUR	✓	641	100.000

Origin-Destination Data

Demand (PCU/hr)

	To			
		A	B	C
	A	0	118	594
	B	83	0	143
	C	485	156	0

Vehicle Mix

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

Heavy Vehicle %

	To			
		A	B	C
	A	0	0	2
	B	1	0	1
	C	2	1	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/hr)	Total Junction Arrivals (PCU)
B-AC	0.73	38.16	2.5	E	207	311
C-AB	0.36	12.09	0.6	B	143	215
C-A					445	667
A-B					108	162
A-C					545	818

Main Results for each time segment

16:45 - 17:00

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	170	43	0.00	439	0.388	168	0.0	0.6	13.293	B
C-AB	117	29	0.00	534	0.220	116	0.0	0.3	8.683	A
C-A	365	91	0.00			365				
A-B	89	22	0.00			89				
A-C	447	112	0.00			447				

17:00 - 17:15

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	203	51	0.00	400	0.508	202	0.6	1.0	18.207	C
C-AB	140	35	0.00	508	0.276	140	0.3	0.4	9.867	A
C-A	436	109	0.00			436				
A-B	106	27	0.00			106				
A-C	534	133	0.00			534				

17:15 - 17:30

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	249	62	0.00	342	0.727	243	1.0	2.4	34.970	D
C-AB	172	43	0.00	473	0.364	171	0.4	0.6	12.031	B
C-A	534	133	0.00			534				
A-B	130	32	0.00			130				
A-C	654	164	0.00			654				

17:30 - 17:45

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	249	62	0.00	342	0.727	248	2.4	2.5	38.161	E
C-AB	172	43	0.00	473	0.364	172	0.6	0.6	12.088	B
C-A	534	133	0.00			534				
A-B	130	32	0.00			130				
A-C	654	164	0.00			654				

17:45 - 18:00

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	203	51	0.00	399	0.509	209	2.5	1.1	19.597	C
C-AB	140	35	0.00	508	0.276	141	0.6	0.4	9.930	A
C-A	436	109	0.00			436				
A-B	106	27	0.00			106				
A-C	534	133	0.00			534				

18:00 - 18:15

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	170	43	0.00	438	0.388	172	1.1	0.7	13.729	B
C-AB	117	29	0.00	534	0.220	118	0.4	0.3	8.748	A
C-A	365	91	0.00			365				
A-B	89	22	0.00			89				
A-C	447	112	0.00			447				

D5 - 2032 | Reference Case + Site 2 | AM

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Arm A Direction	Arm B Direction	Arm C Direction	Junction Delay (s)	Junction LOS
1	untitled	T-Junction	Two-way	Two-way	Two-way	6.19	A

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	6.19	A

Traffic Demand

Demand Set Details

ID	Year	Scenario	Time period	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)	Run automatically
D5	2032	Reference Case + Site 2	AM	ONE HOUR	07:45	09:15	15	✓

Demand overview (Traffic)

Arm	Linked arm	Profile type	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
A		ONE HOUR	✓	842	100.000
B		ONE HOUR	✓	228	100.000
C		ONE HOUR	✓	548	100.000

Origin-Destination Data

Demand (PCU/hr)

	To			
From		A	B	C
	A	0	135	707
	B	76	0	152
	C	460	88	0

Vehicle Mix

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

Heavy Vehicle %

	To			
From		A	B	C
	A	0	0	2
	B	1	0	1
	C	3	1	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/hr)	Total Junction Arrivals (PCU)
B-AC	0.74	39.75	2.6	E	209	314
C-AB	0.22	10.73	0.3	B	81	121
C-A					422	633
A-B					124	186
A-C					649	973

Main Results for each time segment

07:45 - 08:00

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	172	43	0.00	437	0.393	169	0.0	0.6	13.438	B
C-AB	66	17	0.00	509	0.130	66	0.0	0.1	8.185	A
C-A	346	87	0.00			346				
A-B	102	25	0.00			102				
A-C	532	133	0.00			532				

08:00 - 08:15

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	205	51	0.00	398	0.515	203	0.6	1.0	18.534	C
C-AB	79	20	0.00	478	0.165	79	0.1	0.2	9.096	A
C-A	414	103	0.00			414				
A-B	121	30	0.00			121				
A-C	636	159	0.00			636				

08:15 - 08:30

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	251	63	0.00	340	0.738	245	1.0	2.5	36.212	E
C-AB	97	24	0.00	436	0.222	97	0.2	0.3	10.708	B
C-A	506	127	0.00			506				
A-B	149	37	0.00			149				
A-C	778	195	0.00			778				

08:30 - 08:45

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	251	63	0.00	340	0.738	250	2.5	2.6	39.754	E
C-AB	97	24	0.00	436	0.222	97	0.3	0.3	10.729	B
C-A	506	127	0.00			506				
A-B	149	37	0.00			149				
A-C	778	195	0.00			778				

08:45 - 09:00

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	205	51	0.00	398	0.515	211	2.6	1.1	20.050	C
C-AB	79	20	0.00	478	0.165	79	0.3	0.2	9.120	A
C-A	414	103	0.00			414				
A-B	121	30	0.00			121				
A-C	636	159	0.00			636				

09:00 - 09:15

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	172	43	0.00	437	0.393	173	1.1	0.7	13.884	B
C-AB	66	17	0.00	509	0.130	66	0.2	0.2	8.215	A
C-A	346	87	0.00			346				
A-B	102	25	0.00			102				
A-C	532	133	0.00			532				

D6 - 2032 | Reference Case + Site 2 | PM

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Arm A Direction	Arm B Direction	Arm C Direction	Junction Delay (s)	Junction LOS
1	untitled	T-Junction	Two-way	Two-way	Two-way	6.92	A

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	6.92	A

Traffic Demand

Demand Set Details

ID	Year	Scenario	Time period	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)	Run automatically
D6	2032	Reference Case + Site 2	PM	ONE HOUR	16:45	18:15	15	✓

Demand overview (Traffic)

Arm	Linked arm	Profile type	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
A		ONE HOUR	✓	715	100.000
B		ONE HOUR	✓	228	100.000
C		ONE HOUR	✓	647	100.000

Origin-Destination Data

Demand (PCU/hr)

From	To			
		A	B	C
	A	0	120	595
	B	85	0	143
	C	493	154	0

Vehicle Mix

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

Heavy Vehicle %

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

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/hr)	Total Junction Arrivals (PCU)
B-AC	0.74	40.14	2.7	E	209	314
C-AB	0.36	12.03	0.6	B	141	212
C-A					452	678
A-B					110	165
A-C					546	819

Main Results for each time segment

16:45 - 17:00

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	172	43	0.00	437	0.393	169	0.0	0.6	13.465	B
C-AB	116	29	0.00	533	0.217	115	0.0	0.3	8.666	A
C-A	371	93	0.00			371				
A-B	90	23	0.00			90				
A-C	448	112	0.00			448				

17:00 - 17:15

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	205	51	0.00	397	0.516	203	0.6	1.0	18.581	C
C-AB	138	35	0.00	507	0.273	138	0.3	0.4	9.839	A
C-A	443	111	0.00			443				
A-B	108	27	0.00			108				
A-C	535	134	0.00			535				

17:15 - 17:30

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	251	63	0.00	340	0.739	245	1.0	2.5	36.464	E
C-AB	170	43	0.00	472	0.360	169	0.4	0.6	11.978	B
C-A	542	136	0.00			542				
A-B	132	33	0.00			132				
A-C	655	164	0.00			655				

17:30 - 17:45

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	251	63	0.00	339	0.740	250	2.5	2.7	40.136	E
C-AB	170	43	0.00	472	0.360	170	0.6	0.6	12.034	B
C-A	542	136	0.00			542				
A-B	132	33	0.00			132				
A-C	655	164	0.00			655				

17:45 - 18:00

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	205	51	0.00	397	0.516	211	2.7	1.1	20.132	C
C-AB	138	35	0.00	507	0.273	139	0.6	0.4	9.897	A
C-A	443	111	0.00			443				
A-B	108	27	0.00			108				
A-C	535	134	0.00			535				

18:00 - 18:15

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	172	43	0.00	436	0.393	173	1.1	0.7	13.926	B
C-AB	116	29	0.00	533	0.217	116	0.4	0.3	8.728	A
C-A	371	93	0.00			371				
A-B	90	23	0.00			90				
A-C	448	112	0.00			448				

D7 - 2032 | Reference Case + Site 1 + Site 2 | AM

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Arm A Direction	Arm B Direction	Arm C Direction	Junction Delay (s)	Junction LOS
1	untitled	T-Junction	Two-way	Two-way	Two-way	6.88	A

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	6.88	A

Traffic Demand

Demand Set Details

ID	Year	Scenario	Time period	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)	Run automatically
D7	2032	Reference Case + Site 1 + Site 2	AM	ONE HOUR	07:45	09:15	15	✓

Demand overview (Traffic)

Arm	Linked arm	Profile type	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
A		ONE HOUR	✓	871	100.000
B		ONE HOUR	✓	229	100.000
C		ONE HOUR	✓	563	100.000

Origin-Destination Data

Demand (PCU/hr)

		To		
From		A	B	C
	A	0	135	736
	B	77	0	152
	C	476	87	0

Vehicle Mix

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

Heavy Vehicle %

		To		
From		A	B	C
	A	0	0	2
	B	1	0	1
	C	3	1	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/hr)	Total Junction Arrivals (PCU)
B-AC	0.77	45.83	3.0	E	210	315
C-AB	0.22	10.95	0.3	B	80	120
C-A					437	655
A-B					124	186
A-C					675	1013

Main Results for each time segment

07:45 - 08:00

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	172	43	0.00	430	0.401	170	0.0	0.7	13.851	B
C-AB	65	16	0.00	504	0.130	65	0.0	0.1	8.273	A
C-A	358	90	0.00			358				
A-B	102	25	0.00			102				
A-C	554	139	0.00			554				

08:00 - 08:15

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	206	51	0.00	389	0.530	204	0.7	1.1	19.509	C
C-AB	78	20	0.00	472	0.166	78	0.1	0.2	9.226	A
C-A	428	107	0.00			428				
A-B	121	30	0.00			121				
A-C	662	165	0.00			662				

08:15 - 08:30

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	252	63	0.00	329	0.767	245	1.1	2.8	40.682	E
C-AB	96	24	0.00	428	0.224	95	0.2	0.3	10.929	B
C-A	524	131	0.00			524				
A-B	149	37	0.00			149				
A-C	810	203	0.00			810				

08:30 - 08:45

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	252	63	0.00	328	0.768	251	2.8	3.0	45.831	E
C-AB	96	24	0.00	428	0.224	96	0.3	0.3	10.953	B
C-A	524	131	0.00			524				
A-B	149	37	0.00			149				
A-C	810	203	0.00			810				

08:45 - 09:00

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	206	51	0.00	389	0.530	213	3.0	1.2	21.510	C
C-AB	78	20	0.00	472	0.166	79	0.3	0.2	9.253	A
C-A	428	107	0.00			428				
A-B	121	30	0.00			121				
A-C	662	165	0.00			662				

09:00 - 09:15

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	172	43	0.00	430	0.401	174	1.2	0.7	14.354	B
C-AB	65	16	0.00	504	0.130	66	0.2	0.2	8.304	A
C-A	358	90	0.00			358				
A-B	102	25	0.00			102				
A-C	554	139	0.00			554				

D8 - 2032 | Reference Case + Site 1 + Site 2 | PM

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Arm A Direction	Arm B Direction	Arm C Direction	Junction Delay (s)	Junction LOS
1	untitled	T-Junction	Two-way	Two-way	Two-way	9.27	A

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	9.27	A

Traffic Demand

Demand Set Details

ID	Year	Scenario	Time period	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)	Run automatically
D8	2032	Reference Case + Site 1 + Site 2	PM	ONE HOUR	16:45	18:15	15	✓

Demand overview (Traffic)

Arm	Linked arm	Profile type	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
A		ONE HOUR	✓	743	100.000
B		ONE HOUR	✓	236	100.000
C		ONE HOUR	✓	689	100.000

Origin-Destination Data

Demand (PCU/hr)

	To			
		A	B	C
	A	0	125	618
	B	93	0	143
	C	534	155	0

Vehicle Mix

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

Heavy Vehicle %

	To			
		A	B	C
	A	0	0	2
	B	1	0	1
	C	2	1	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/hr)	Total Junction Arrivals (PCU)
B-AC	0.82	57.39	3.9	F	217	325
C-AB	0.37	12.39	0.6	B	142	214
C-A					490	735
A-B					115	172
A-C					567	851

Main Results for each time segment

16:45 - 17:00

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	178	44	0.00	423	0.420	175	0.0	0.7	14.515	B
C-AB	117	29	0.00	528	0.221	116	0.0	0.3	8.791	A
C-A	402	101	0.00			402				
A-B	94	24	0.00			94				
A-C	465	116	0.00			465				

17:00 - 17:15

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	212	53	0.00	381	0.557	210	0.7	1.2	21.065	C
C-AB	139	35	0.00	501	0.278	139	0.3	0.4	10.033	B
C-A	480	120	0.00			480				
A-B	112	28	0.00			112				
A-C	556	139	0.00			556				

17:15 - 17:30

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	260	65	0.00	319	0.815	251	1.2	3.5	48.317	E
C-AB	171	43	0.00	465	0.369	170	0.4	0.6	12.326	B
C-A	587	147	0.00			587				
A-B	138	34	0.00			138				
A-C	680	170	0.00			680				

17:30 - 17:45

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	260	65	0.00	318	0.816	258	3.5	3.9	57.389	F
C-AB	171	43	0.00	465	0.369	171	0.6	0.6	12.389	B
C-A	587	147	0.00			587				
A-B	138	34	0.00			138				
A-C	680	170	0.00			680				

17:45 - 18:00

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	212	53	0.00	380	0.558	222	3.9	1.3	24.266	C
C-AB	139	35	0.00	501	0.278	140	0.6	0.4	10.097	B
C-A	480	120	0.00			480				
A-B	112	28	0.00			112				
A-C	556	139	0.00			556				

18:00 - 18:15

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	178	44	0.00	422	0.421	180	1.3	0.8	15.154	C
C-AB	117	29	0.00	528	0.221	117	0.4	0.3	8.856	A
C-A	402	101	0.00			402				
A-B	94	24	0.00			94				
A-C	465	116	0.00			465				

D9 - 2042 | Local Plan | AM

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Arm A Direction	Arm B Direction	Arm C Direction	Junction Delay (s)	Junction LOS
1	untitled	T-Junction	Two-way	Two-way	Two-way	63.91	F

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	63.91	F

Traffic Demand

Demand Set Details

ID	Year	Scenario	Time period	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)	Run automatically
D9	2042	Local Plan	AM	ONE HOUR	07:45	09:15	15	✓

Demand overview (Traffic)

Arm	Linked arm	Profile type	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
A		ONE HOUR	✓	979	100.000
B		ONE HOUR	✓	330	100.000
C		ONE HOUR	✓	624	100.000

Origin-Destination Data

Demand (PCU/hr)

	To			
From		A	B	C
	A	0	156	823
	B	96	0	234
	C	509	115	0

Vehicle Mix

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

Heavy Vehicle %

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

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/hr)	Total Junction Arrivals (PCU)
B-AC	1.22	369.71	38.7	F	303	454
C-AB	0.32	13.38	0.5	B	106	158
C-A					467	700
A-B					143	215
A-C					755	1133

Main Results for each time segment

07:45 - 08:00

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	248	62	0.00	416	0.598	243	0.0	1.4	20.441	C
C-AB	87	22	0.00	483	0.179	86	0.0	0.2	9.122	A
C-A	383	96	0.00			383				
A-B	117	29	0.00			117				
A-C	620	155	0.00			620				

08:00 - 08:15

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	297	74	0.00	369	0.805	289	1.4	3.4	41.920	E
C-AB	103	26	0.00	448	0.231	103	0.2	0.3	10.545	B
C-A	458	114	0.00			458				
A-B	140	35	0.00			140				
A-C	740	185	0.00			740				

08:15 - 08:30

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	363	91	0.00	297	1.222	290	3.4	21.8	183.326	F
C-AB	127	32	0.00	398	0.318	126	0.3	0.5	13.322	B
C-A	560	140	0.00			560				
A-B	172	43	0.00			172				
A-C	906	227	0.00			906				

08:30 - 08:45

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	363	91	0.00	297	1.223	296	21.8	38.7	369.705	F
C-AB	127	32	0.00	398	0.318	127	0.5	0.5	13.382	B
C-A	560	140	0.00			560				
A-B	172	43	0.00			172				
A-C	906	227	0.00			906				

08:45 - 09:00

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	297	74	0.00	368	0.806	359	38.7	23.2	310.759	F
C-AB	103	26	0.00	448	0.231	104	0.5	0.3	10.605	B
C-A	458	114	0.00			458				
A-B	140	35	0.00			140				
A-C	740	185	0.00			740				

09:00 - 09:15

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	248	62	0.00	415	0.598	334	23.2	1.7	78.770	F
C-AB	87	22	0.00	483	0.179	87	0.3	0.2	9.179	A
C-A	383	96	0.00			383				
A-B	117	29	0.00			117				
A-C	620	155	0.00			620				

D10 - 2042 | Local Plan | PM

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Arm A Direction	Arm B Direction	Arm C Direction	Junction Delay (s)	Junction LOS
1	untitled	T-Junction	Two-way	Two-way	Two-way	31.62	D

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	31.62	D

Traffic Demand

Demand Set Details

ID	Year	Scenario	Time period	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)	Run automatically
D10	2042	Local Plan	PM	ONE HOUR	16:45	18:15	15	✓

Demand overview (Traffic)

Arm	Linked arm	Profile type	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
A		ONE HOUR	✓	822	100.000
B		ONE HOUR	✓	281	100.000
C		ONE HOUR	✓	746	100.000

Origin-Destination Data

Demand (PCU/hr)

	To			
		A	B	C
	A	0	147	675
	B	94	0	187
	C	533	213	0

Vehicle Mix

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

Heavy Vehicle %

	To			
		A	B	C
	A	0	0	2
	B	1	0	1
	C	1	1	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/hr)	Total Junction Arrivals (PCU)
B-AC	1.06	194.96	17.0	F	258	387
C-AB	0.53	17.05	1.2	C	198	297
C-A					486	730
A-B					135	202
A-C					619	929

Main Results for each time segment

16:45 - 17:00

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	212	53	0.00	415	0.510	208	0.0	1.0	17.230	C
C-AB	160	40	0.00	513	0.313	159	0.0	0.5	10.196	B
C-A	401	100	0.00			401				
A-B	111	28	0.00			111				
A-C	508	127	0.00			508				

17:00 - 17:15

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	253	63	0.00	367	0.688	249	1.0	2.0	29.709	D
C-AB	192	48	0.00	485	0.397	191	0.5	0.7	12.356	B
C-A	478	120	0.00			478				
A-B	132	33	0.00			132				
A-C	607	152	0.00			607				

17:15 - 17:30

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	309	77	0.00	293	1.055	274	2.0	10.9	111.856	F
C-AB	242	60	0.00	455	0.532	240	0.7	1.1	16.771	C
C-A	580	145	0.00			580				
A-B	162	40	0.00			162				
A-C	743	186	0.00			743				

17:30 - 17:45

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	309	77	0.00	293	1.057	285	10.9	17.0	194.963	F
C-AB	242	60	0.00	455	0.532	242	1.1	1.2	17.050	C
C-A	580	145	0.00			580				
A-B	162	40	0.00			162				
A-C	743	186	0.00			743				

17:45 - 18:00

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	253	63	0.00	366	0.690	310	17.0	2.6	88.351	F
C-AB	192	48	0.00	485	0.397	194	1.2	0.7	12.588	B
C-A	478	120	0.00			478				
A-B	132	33	0.00			132				
A-C	607	152	0.00			607				

18:00 - 18:15

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	212	53	0.00	414	0.511	218	2.6	1.1	19.057	C
C-AB	160	40	0.00	513	0.313	161	0.7	0.5	10.351	B
C-A	401	100	0.00			401				
A-B	111	28	0.00			111				
A-C	508	127	0.00			508				

D13 - 2042 | Local Plan + Site 2 | AM

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Arm A Direction	Arm B Direction	Arm C Direction	Junction Delay (s)	Junction LOS
1	untitled	T-Junction	Two-way	Two-way	Two-way	61.56	F

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	61.56	F

Traffic Demand

Demand Set Details

ID	Year	Scenario	Time period	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)	Run automatically
D13	2042	Local Plan + Site 2	AM	ONE HOUR	07:45	09:15	15	✓

Demand overview (Traffic)

Arm	Linked arm	Profile type	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
A		ONE HOUR	✓	983	100.000
B		ONE HOUR	✓	328	100.000
C		ONE HOUR	✓	631	100.000

Origin-Destination Data

Demand (PCU/hr)

	To			
		A	B	C
	A	0	157	826
	B	93	0	235
	C	516	115	0

Vehicle Mix

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

Heavy Vehicle %

	To			
		A	B	C
	A	0	0	2
	B	1	0	1
	C	2	1	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/hr)	Total Junction Arrivals (PCU)
B-AC	1.21	359.79	37.5	F	301	451
C-AB	0.32	13.44	0.5	B	106	158
C-A					473	710
A-B					144	216
A-C					758	1137

Main Results for each time segment

07:45 - 08:00

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	247	62	0.00	416	0.593	241	0.0	1.4	20.193	C
C-AB	87	22	0.00	483	0.179	86	0.0	0.2	9.139	A
C-A	388	97	0.00			388				
A-B	118	30	0.00			118				
A-C	622	155	0.00			622				

08:00 - 08:15

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	295	74	0.00	369	0.799	287	1.4	3.3	40.981	E
C-AB	103	26	0.00	447	0.231	103	0.2	0.3	10.574	B
C-A	464	116	0.00			464				
A-B	141	35	0.00			141				
A-C	743	186	0.00			743				

08:15 - 08:30

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	361	90	0.00	298	1.214	290	3.3	21.2	179.045	F
C-AB	127	32	0.00	397	0.319	126	0.3	0.5	13.373	B
C-A	568	142	0.00			568				
A-B	173	43	0.00			173				
A-C	909	227	0.00			909				

08:30 - 08:45

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	361	90	0.00	297	1.215	296	21.2	37.5	359.789	F
C-AB	127	32	0.00	397	0.319	127	0.5	0.5	13.436	B
C-A	568	142	0.00			568				
A-B	173	43	0.00			173				
A-C	909	227	0.00			909				

08:45 - 09:00

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	295	74	0.00	369	0.799	359	37.5	21.4	296.785	F
C-AB	103	26	0.00	447	0.231	104	0.5	0.3	10.631	B
C-A	464	116	0.00			464				
A-B	141	35	0.00			141				
A-C	743	186	0.00			743				

09:00 - 09:15

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	247	62	0.00	416	0.593	326	21.4	1.6	68.521	F
C-AB	87	22	0.00	483	0.179	87	0.3	0.2	9.195	A
C-A	388	97	0.00			388				
A-B	118	30	0.00			118				
A-C	622	155	0.00			622				

D14 - 2042 | Local Plan + Site 2 | PM

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Arm A Direction	Arm B Direction	Arm C Direction	Junction Delay (s)	Junction LOS
1	untitled	T-Junction	Two-way	Two-way	Two-way	35.10	E

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	35.10	E

Traffic Demand

Demand Set Details

ID	Year	Scenario	Time period	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)	Run automatically
D14	2042	Local Plan + Site 2	PM	ONE HOUR	16:45	18:15	15	✓

Demand overview (Traffic)

Arm	Linked arm	Profile type	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
A		ONE HOUR	✓	831	100.000
B		ONE HOUR	✓	283	100.000
C		ONE HOUR	✓	752	100.000

Origin-Destination Data

Demand (PCU/hr)

	To			
		A	B	C
	A	0	149	682
	B	96	0	187
	C	542	210	0

Vehicle Mix

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

Heavy Vehicle %

	To			
		A	B	C
	A	0	0	2
	B	1	0	1
	C	1	1	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/hr)	Total Junction Arrivals (PCU)
B-AC	1.08	218.64	19.5	F	260	390
C-AB	0.53	17.00	1.1	C	195	293
C-A					495	742
A-B					137	205
A-C					626	939

Main Results for each time segment

16:45 - 17:00

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	213	53	0.00	412	0.518	209	0.0	1.0	17.602	C
C-AB	158	40	0.00	512	0.309	156	0.0	0.4	10.182	B
C-A	408	102	0.00			408				
A-B	112	28	0.00			112				
A-C	513	128	0.00			513				

17:00 - 17:15

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	254	64	0.00	363	0.700	250	1.0	2.1	30.971	D
C-AB	190	47	0.00	483	0.393	189	0.4	0.6	12.332	B
C-A	487	122	0.00			487				
A-B	134	33	0.00			134				
A-C	613	153	0.00			613				

17:15 - 17:30

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	312	78	0.00	289	1.080	272	2.1	12.1	121.612	F
C-AB	238	60	0.00	452	0.527	236	0.6	1.1	16.725	C
C-A	590	147	0.00			590				
A-B	164	41	0.00			164				
A-C	751	188	0.00			751				

17:30 - 17:45

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	312	78	0.00	288	1.082	282	12.1	19.5	218.640	F
C-AB	238	60	0.00	452	0.527	238	1.1	1.1	16.997	C
C-A	590	147	0.00			590				
A-B	164	41	0.00			164				
A-C	751	188	0.00			751				

17:45 - 18:00

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	254	64	0.00	362	0.702	321	19.5	2.9	110.254	F
C-AB	190	47	0.00	483	0.393	191	1.1	0.7	12.557	B
C-A	487	122	0.00			487				
A-B	134	33	0.00			134				
A-C	613	153	0.00			613				

18:00 - 18:15

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	213	53	0.00	411	0.518	220	2.9	1.1	19.721	C
C-AB	158	40	0.00	512	0.309	159	0.7	0.5	10.334	B
C-A	408	102	0.00			408				
A-B	112	28	0.00			112				
A-C	513	128	0.00			513				

D15 - 2042 | Local Plan + Site 1 + Site 2 | AM

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Arm A Direction	Arm B Direction	Arm C Direction	Junction Delay (s)	Junction LOS
1	untitled	T-Junction	Two-way	Two-way	Two-way	71.99	F

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	71.99	F

Traffic Demand

Demand Set Details

ID	Year	Scenario	Time period	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)	Run automatically
D15	2042	Local Plan + Site 1 + Site 2	AM	ONE HOUR	07:45	09:15	15	✓

Demand overview (Traffic)

Arm	Linked arm	Profile type	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
A		ONE HOUR	✓	1015	100.000
B		ONE HOUR	✓	330	100.000
C		ONE HOUR	✓	642	100.000

Origin-Destination Data

Demand (PCU/hr)

	To			
		A	B	C
	A	0	165	850
	B	95	0	235
	C	529	113	0

Vehicle Mix

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

Heavy Vehicle %

	To			
		A	B	C
	A	0	0	2
	B	1	0	1
	C	2	1	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/hr)	Total Junction Arrivals (PCU)
B-AC	1.27	428.72	44.4	F	303	454
C-AB	0.32	13.77	0.5	B	104	156
C-A					485	728
A-B					151	227
A-C					780	1170

Main Results for each time segment

07:45 - 08:00

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	248	62	0.00	409	0.607	243	0.0	1.5	21.166	C
C-AB	85	21	0.00	477	0.178	84	0.0	0.2	9.245	A
C-A	398	100	0.00			398				
A-B	124	31	0.00			124				
A-C	640	160	0.00			640				

08:00 - 08:15

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	297	74	0.00	360	0.824	288	1.5	3.7	45.428	E
C-AB	102	25	0.00	439	0.231	101	0.2	0.3	10.740	B
C-A	476	119	0.00			476				
A-B	148	37	0.00			148				
A-C	764	191	0.00			764				

08:15 - 08:30

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	363	91	0.00	285	1.273	280	3.7	24.6	209.437	F
C-AB	125	31	0.00	389	0.321	124	0.3	0.5	13.706	B
C-A	582	146	0.00			582				
A-B	182	45	0.00			182				
A-C	936	234	0.00			936				

08:30 - 08:45

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	363	91	0.00	285	1.274	284	24.6	44.4	428.722	F
C-AB	125	31	0.00	389	0.321	125	0.5	0.5	13.774	B
C-A	582	146	0.00			582				
A-B	182	45	0.00			182				
A-C	936	234	0.00			936				

08:45 - 09:00

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	297	74	0.00	360	0.824	352	44.4	30.6	379.030	F
C-AB	102	25	0.00	439	0.231	102	0.5	0.3	10.803	B
C-A	476	119	0.00			476				
A-B	148	37	0.00			148				
A-C	764	191	0.00			764				

09:00 - 09:15

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	248	62	0.00	409	0.608	363	30.6	1.9	131.993	F
C-AB	85	21	0.00	477	0.178	85	0.3	0.2	9.304	A
C-A	398	100	0.00			398				
A-B	124	31	0.00			124				
A-C	640	160	0.00			640				

D16 - 2042 | Local Plan + Site 1 + Site 2 | PM

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Arm A Direction	Arm B Direction	Arm C Direction	Junction Delay (s)	Junction LOS
1	untitled	T-Junction	Two-way	Two-way	Two-way	45.73	E

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	45.73	E

Traffic Demand

Demand Set Details

ID	Year	Scenario	Time period	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)	Run automatically
D16	2042	Local Plan + Site 1 + Site 2	PM	ONE HOUR	16:45	18:15	15	✓

Demand overview (Traffic)

Arm	Linked arm	Profile type	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
A		ONE HOUR	✓	848	100.000
B		ONE HOUR	✓	288	100.000
C		ONE HOUR	✓	772	100.000

Origin-Destination Data

Demand (PCU/hr)

	To			
From		A	B	C
	A	0	153	695
	B	101	0	187
	C	562	210	0

Vehicle Mix

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

Heavy Vehicle %

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

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/hr)	Total Junction Arrivals (PCU)
B-AC	1.15	290.11	26.8	F	264	396
C-AB	0.53	17.33	1.2	C	196	293
C-A					513	769
A-B					140	211
A-C					638	957

Main Results for each time segment

16:45 - 17:00

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	217	54	0.00	404	0.537	212	0.0	1.1	18.612	C
C-AB	158	40	0.00	509	0.311	156	0.0	0.4	10.273	B
C-A	423	106	0.00			423				
A-B	115	29	0.00			115				
A-C	523	131	0.00			523				

17:00 - 17:15

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	259	65	0.00	354	0.732	254	1.1	2.4	34.689	D
C-AB	190	47	0.00	479	0.396	189	0.4	0.6	12.489	B
C-A	504	126	0.00			504				
A-B	138	34	0.00			138				
A-C	625	156	0.00			625				

17:15 - 17:30

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	317	79	0.00	276	1.149	264	2.4	15.6	151.074	F
C-AB	239	60	0.00	449	0.533	237	0.6	1.1	17.038	C
C-A	611	153	0.00			611				
A-B	168	42	0.00			168				
A-C	765	191	0.00			765				

17:30 - 17:45

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	317	79	0.00	275	1.152	272	15.6	26.8	290.108	F
C-AB	239	60	0.00	449	0.533	239	1.1	1.2	17.333	C
C-A	611	153	0.00			611				
A-B	168	42	0.00			168				
A-C	765	191	0.00			765				

17:45 - 18:00

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	259	65	0.00	353	0.734	340	26.8	6.5	187.681	F
C-AB	190	47	0.00	479	0.396	192	1.2	0.7	12.726	B
C-A	504	126	0.00			504				
A-B	138	34	0.00			138				
A-C	625	156	0.00			625				

18:00 - 18:15

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	217	54	0.00	403	0.538	238	6.5	1.2	24.591	C
C-AB	158	40	0.00	509	0.311	159	0.7	0.5	10.428	B
C-A	423	106	0.00			423				
A-B	115	29	0.00			115				
A-C	523	131	0.00			523				

Junctions 11

PICADY 11 - Priority Intersection Module

Version: 11.1.1.2424
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Filename: Junction 6 - Wrotham Road_Istead Rise.j11

Path: C:\Users\MatthewJohnson\Hub Transport Planning Ltd\Hub Transport Planning - General\Projects\T25526
Longfield Road, Meopham\Modelling\Picady

Report generation date: 20/04/2026 11:37:12

»D1 - 2032 | Reference Case | AM
»D2 - 2032 | Reference Case | PM
»D5 - 2032 | Reference Case + Site 2 | AM
»D6 - 2032 | Reference Case + Site 2 | PM
»D7 - 2032 | Reference Case + Site 1 + Site 2 | AM
»D8 - 2032 | Reference Case + Site 1 + Site 2 | PM
»D9 - 2042 | Local Plan | AM
»D10 - 2042 | Local Plan | PM
»D13 - 2042 | Local Plan + Site 2 | AM
»D14 - 2042 | Local Plan + Site 2 | PM
»D15 - 2042 | Local Plan + Site 1 + Site 2 | AM
»D16 - 2042 | Local Plan + Site 1 + Site 2 | PM

Summary of junction performance

	AM				PM			
	Set ID	Queue (PCU)	Delay (s)	RFC	Set ID	Queue (PCU)	Delay (s)	RFC
	2032 - Reference Case							
Stream B-C	D1	1.0	18.20	0.50	D2	0.8	14.74	0.45
Stream B-A		0.5	33.00	0.35		0.3	32.62	0.25
Stream C-AB		0.5	12.50	0.33		1.1	16.62	0.53
	2032 - Reference Case + Site 2							
Stream B-C	D5	1.0	18.42	0.50	D6	0.8	15.00	0.46
Stream B-A		0.5	33.45	0.36		0.4	33.76	0.27
Stream C-AB		0.5	12.48	0.33		1.1	16.58	0.53
	2032 - Reference Case + Site 1 + Site 2							
Stream B-C	D7	1.0	19.78	0.52	D8	0.9	15.27	0.46
Stream B-A		0.6	38.02	0.39		0.3	37.03	0.25
Stream C-AB		0.5	12.85	0.33		1.2	17.16	0.54
	2042 - Local Plan							
Stream B-C	D9	10.0	146.68	1.01	D10	2.0	35.53	0.69
Stream B-A		4.1	248.48	0.93		1.4	113.52	0.63
Stream C-AB		0.7	16.44	0.41		1.6	21.10	0.61
	2042 - Local Plan + Site 2							
Stream B-C	D13	10.8	156.97	1.02	D14	2.1	36.56	0.69
Stream B-A		4.3	258.93	0.94		1.4	117.87	0.63
Stream C-AB		0.7	16.48	0.41		1.5	21.09	0.61
	2042 - Local Plan + Site 1 + Site 2							
Stream B-C	D15	15.7	218.39	1.10	D16	2.9	51.46	0.77
Stream B-A		5.4	314.87	1.03		1.9	158.77	0.72
Stream C-AB		0.7	16.86	0.41		1.6	21.54	0.61

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

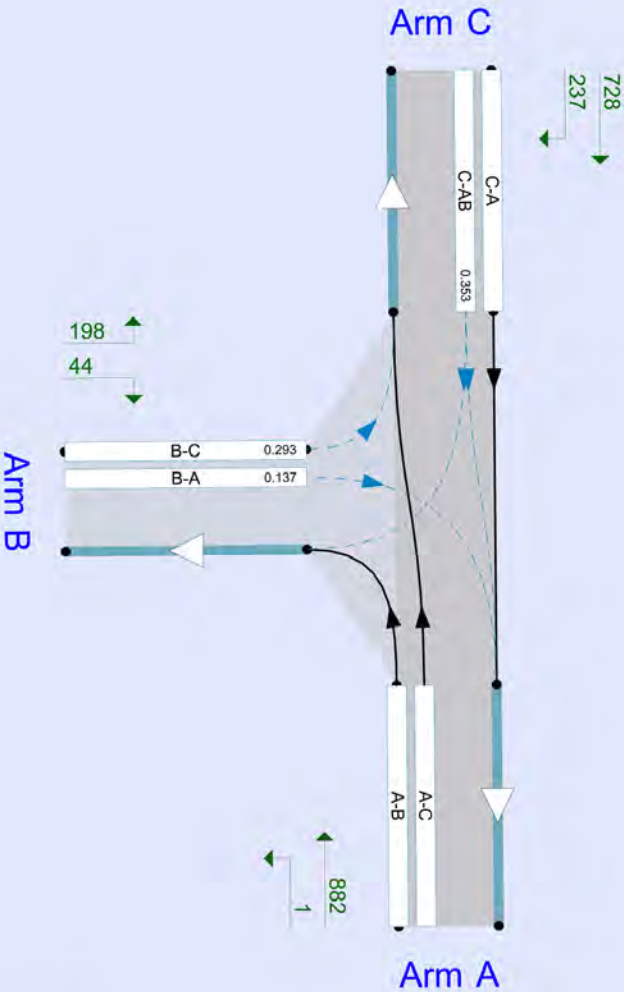
File summary

File Description

Title	
Location	Wrotham Road/Istead Rise
Site number	6
Date	08/04/2026
Version	
Status	(new file)
Identifier	MJ
Client	Richborough
Jobnumber	T25512
Enumerator	AzureAD\MatthewJohnson
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	PCU	PCU	perHour	s	-Min	perMin



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

The junction diagram reflects the last run of Junctions.

Analysis Options

PICADY short flare model	Vehicle length (m)	Calculate Queue Percentiles	Calculate detailed queueing delay	Show lane queues in feet / metres	Show all PICADY stream intercepts	Calculate residual capacity	RFC Threshold	Average Delay threshold (s)	Queue threshold (PCU)	Use simulation for HCM roundabouts	Use iterations for HCM roundabouts
PICADY 4.1	5.75						0.85	36.00	20.00		

Demand Set Summary

ID	Year	Scenario	Time period	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)	Run automatically
D1	2032	Reference Case	AM	ONE HOUR	07:45	09:15	15	✓
D2	2032	Reference Case	PM	ONE HOUR	17:15	18:45	15	✓
D3	2032	Reference Case + Site 1	AM	ONE HOUR	07:45	09:15	15	✓
D4	2032	Reference Case + Site 1	PM	ONE HOUR	17:15	18:45	15	✓
D5	2032	Reference Case + Site 2	AM	ONE HOUR	07:45	09:15	15	✓
D6	2032	Reference Case + Site 2	PM	ONE HOUR	17:15	18:45	15	✓
D7	2032	Reference Case + Site 1 + Site 2	AM	ONE HOUR	07:45	09:15	15	✓
D8	2032	Reference Case + Site 1 + Site 2	PM	ONE HOUR	17:15	18:45	15	✓
D9	2042	Local Plan	AM	ONE HOUR	07:45	09:15	15	✓
D10	2042	Local Plan	PM	ONE HOUR	17:15	18:45	15	✓
D11	2042	Local Plan + Site 1	AM	ONE HOUR	07:45	09:15	15	✓
D12	2042	Local Plan + Site 1	PM	ONE HOUR	17:15	18:45	15	✓
D13	2042	Local Plan + Site 2	AM	ONE HOUR	07:45	09:15	15	✓
D14	2042	Local Plan + Site 2	PM	ONE HOUR	17:15	18:45	15	✓
D15	2042	Local Plan + Site 1 + Site 2	AM	ONE HOUR	07:45	09:15	15	✓
D16	2042	Local Plan + Site 1 + Site 2	PM	ONE HOUR	17:15	18:45	15	✓

Analysis Set Details

ID	Include in report	Use specific Demand Set(s)	Specific Demand Set(s)	Network flow scaling factor (%)	Network capacity scaling factor (%)
A1	✓	✓	D1,D2,D5,D6,D7,D8,D9,D10,D13,D14,D15,D16	100.000	100.000

D1 - 2032 | Reference Case | AM

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Arm A Direction	Arm B Direction	Arm C Direction	Junction Delay (s)	Junction LOS
1	untitled	T-Junction	Two-way	Two-way	Two-way	3.90	A

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	3.90	A

Arms

Arms

Arm	Name	Description	Arm type
A	Wrotham Road S		Major
B	Istead Rise		Minor
C	Wrotham Road N		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	6.20		✓	3.00	87.1	✓	9.00

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	9.00	4.30	2.80	2.80	✓	1.00	45	36

Slope / Intercept / Capacity

Priority Intersection Slopes and Intercepts

Stream	Intercept (PCU/hr)	Slope for A-B	Slope for A-C	Slope for C-A	Slope for C-B
B-A	586	0.106	0.268	0.168	0.382
B-C	710	0.108	0.273	-	-
C-B	679	0.261	0.261	-	-

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	Year	Scenario	Time period	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)	Run automatically
D1	2032	Reference Case	AM	ONE HOUR	07:45	09:15	15	✓

Demand overview (Traffic)

Arm	Linked arm	Profile type	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
A		ONE HOUR	✓	853	100.000
B		ONE HOUR	✓	233	100.000
C		ONE HOUR	✓	622	100.000

Origin-Destination Data

Demand (PCU/hr)

	To			
		A	B	C
	A	0	3	850
	B	54	0	179
From	C	492	130	0

Vehicle Mix

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

Heavy Vehicle %

	To			
		A	B	C
	A	0	0	2
	B	0	0	1
From	C	3	1	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/hr)	Total Junction Arrivals (PCU)
B-C	0.50	18.20	1.0	C	164	246
B-A	0.35	33.00	0.5	D	50	74
C-AB	0.33	12.50	0.5	B	119	179
C-A					451	677
A-B					3	4
A-C					780	1170

Main Results for each time segment

07:45 - 08:00

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	135	34	0.00	516	0.261	133	0.0	0.4	9.469	A
B-A	41	10	0.00	310	0.131	40	0.0	0.1	13.309	B
C-AB	98	24	0.00	511	0.191	97	0.0	0.2	8.753	A
C-A	370	93	0.00			370				
A-B	2	0.56	0.00			2				
A-C	640	160	0.00			640				

08:00 - 08:15

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	161	40	0.00	472	0.341	160	0.4	0.5	11.621	B
B-A	49	12	0.00	252	0.192	48	0.1	0.2	17.595	C
C-AB	117	29	0.00	479	0.244	117	0.2	0.3	10.026	B
C-A	442	111	0.00			442				
A-B	3	0.67	0.00			3				
A-C	764	191	0.00			764				

08:15 - 08:30

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	197	49	0.00	398	0.495	195	0.5	1.0	17.755	C
B-A	59	15	0.00	169	0.351	58	0.2	0.5	32.139	D
C-AB	143	36	0.00	434	0.330	142	0.3	0.5	12.446	B
C-A	542	135	0.00			542				
A-B	3	0.83	0.00			3				
A-C	936	234	0.00			936				

08:30 - 08:45

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	197	49	0.00	397	0.497	197	1.0	1.0	18.197	C
B-A	59	15	0.00	168	0.353	59	0.5	0.5	32.998	D
C-AB	143	36	0.00	434	0.330	143	0.5	0.5	12.499	B
C-A	542	135	0.00			542				
A-B	3	0.83	0.00			3				
A-C	936	234	0.00			936				

08:45 - 09:00

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	161	40	0.00	471	0.341	163	1.0	0.5	11.850	B
B-A	49	12	0.00	252	0.193	50	0.5	0.2	17.928	C
C-AB	117	29	0.00	479	0.244	118	0.5	0.3	10.079	B
C-A	442	111	0.00			442				
A-B	3	0.67	0.00			3				
A-C	764	191	0.00			764				

09:00 - 09:15

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	135	34	0.00	515	0.262	135	0.5	0.4	9.587	A
B-A	41	10	0.00	309	0.131	41	0.2	0.2	13.441	B
C-AB	98	24	0.00	511	0.191	98	0.3	0.2	8.810	A
C-A	370	93	0.00			370				
A-B	2	0.56	0.00			2				
A-C	640	160	0.00			640				

D2 - 2032 | Reference Case | PM

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Arm A Direction	Arm B Direction	Arm C Direction	Junction Delay (s)	Junction LOS
1	untitled	T-Junction	Two-way	Two-way	Two-way	4.24	A

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	4.24	A

Traffic Demand

Demand Set Details

ID	Year	Scenario	Time period	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)	Run automatically
D2	2032	Reference Case	PM	ONE HOUR	17:15	18:45	15	✓

Demand overview (Traffic)

Arm	Linked arm	Profile type	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
A		ONE HOUR	✓	737	100.000
B		ONE HOUR	✓	218	100.000
C		ONE HOUR	✓	835	100.000

Origin-Destination Data

Demand (PCU/hr)

	To			
From		A	B	C
	A	0	4	733
	B	33	0	185
	C	608	227	0

Vehicle Mix

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

Heavy Vehicle %

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

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/hr)	Total Junction Arrivals (PCU)
B-C	0.45	14.74	0.8	B	170	255
B-A	0.25	32.62	0.3	D	30	45
C-AB	0.53	16.62	1.1	C	209	313
C-A					557	836
A-B					4	6
A-C					673	1009

Main Results for each time segment

17:15 - 17:30

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	139	35	0.00	547	0.255	138	0.0	0.3	8.868	A
B-A	25	6	0.00	292	0.085	24	0.0	0.1	13.460	B
C-AB	171	43	0.00	534	0.320	169	0.0	0.5	9.909	A
C-A	458	114	0.00			458				
A-B	3	0.75	0.00			3				
A-C	552	138	0.00			552				

17:30 - 17:45

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	166	42	0.00	511	0.326	166	0.3	0.5	10.518	B
B-A	30	7	0.00	231	0.128	29	0.1	0.1	17.807	C
C-AB	204	51	0.00	506	0.403	203	0.5	0.7	11.972	B
C-A	547	137	0.00			547				
A-B	4	0.90	0.00			4				
A-C	659	165	0.00			659				

17:45 - 18:00

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	204	51	0.00	451	0.451	202	0.5	0.8	14.529	B
B-A	36	9	0.00	148	0.246	36	0.1	0.3	31.987	D
C-AB	251	63	0.00	470	0.535	249	0.7	1.1	16.370	C
C-A	668	167	0.00			668				
A-B	4	1	0.00			4				
A-C	807	202	0.00			807				

18:00 - 18:15

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	204	51	0.00	450	0.453	204	0.8	0.8	14.743	B
B-A	36	9	0.00	147	0.248	36	0.3	0.3	32.620	D
C-AB	251	63	0.00	470	0.535	251	1.1	1.1	16.624	C
C-A	668	167	0.00			668				
A-B	4	1	0.00			4				
A-C	807	202	0.00			807				

18:15 - 18:30

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	166	42	0.00	510	0.326	168	0.8	0.5	10.657	B
B-A	30	7	0.00	230	0.129	30	0.3	0.2	18.079	C
C-AB	204	51	0.00	506	0.403	206	1.1	0.7	12.181	B
C-A	547	137	0.00			547				
A-B	4	0.90	0.00			4				
A-C	659	165	0.00			659				

18:30 - 18:45

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	139	35	0.00	546	0.255	140	0.5	0.4	8.960	A
B-A	25	6	0.00	290	0.086	25	0.2	0.1	13.581	B
C-AB	171	43	0.00	534	0.320	172	0.7	0.5	10.059	B
C-A	458	114	0.00			458				
A-B	3	0.75	0.00			3				
A-C	552	138	0.00			552				

D5 - 2032 | Reference Case + Site 2 | AM

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Arm A Direction	Arm B Direction	Arm C Direction	Junction Delay (s)	Junction LOS
1	untitled	T-Junction	Two-way	Two-way	Two-way	3.91	A

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	3.91	A

Traffic Demand

Demand Set Details

ID	Year	Scenario	Time period	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)	Run automatically
D5	2032	Reference Case + Site 2	AM	ONE HOUR	07:45	09:15	15	✓

Demand overview (Traffic)

Arm	Linked arm	Profile type	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
A		ONE HOUR	✓	859	100.000
B		ONE HOUR	✓	233	100.000
C		ONE HOUR	✓	621	100.000

Origin-Destination Data

Demand (PCU/hr)

	To			
		A	B	C
	A	0	2	857
	B	54	0	179
	C	493	128	0

Vehicle Mix

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

Heavy Vehicle %

	To			
		A	B	C
	A	0	0	2
	B	0	0	1
	C	3	1	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/hr)	Total Junction Arrivals (PCU)
B-C	0.50	18.42	1.0	C	164	246
B-A	0.36	33.45	0.5	D	50	74
C-AB	0.33	12.48	0.5	B	117	176
C-A					452	679
A-B					2	3
A-C					786	1180

Main Results for each time segment

07:45 - 08:00

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	135	34	0.00	515	0.262	133	0.0	0.4	9.503	A
B-A	41	10	0.00	309	0.132	40	0.0	0.1	13.354	B
C-AB	96	24	0.00	510	0.189	95	0.0	0.2	8.748	A
C-A	371	93	0.00			371				
A-B	2	0.38	0.00			2				
A-C	645	161	0.00			645				

08:00 - 08:15

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	161	40	0.00	471	0.342	160	0.4	0.5	11.684	B
B-A	49	12	0.00	251	0.193	48	0.1	0.2	17.691	C
C-AB	115	29	0.00	477	0.241	115	0.2	0.3	10.015	B
C-A	443	111	0.00			443				
A-B	2	0.45	0.00			2				
A-C	770	193	0.00			770				

08:15 - 08:30

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	197	49	0.00	396	0.498	195	0.5	1.0	17.957	C
B-A	59	15	0.00	168	0.354	58	0.2	0.5	32.552	D
C-AB	141	35	0.00	432	0.326	140	0.3	0.5	12.425	B
C-A	543	136	0.00			543				
A-B	2	0.55	0.00			2				
A-C	944	236	0.00			944				

08:30 - 08:45

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	197	49	0.00	394	0.500	197	1.0	1.0	18.419	C
B-A	59	15	0.00	167	0.356	59	0.5	0.5	33.447	D
C-AB	141	35	0.00	432	0.326	141	0.5	0.5	12.479	B
C-A	543	136	0.00			543				
A-B	2	0.55	0.00			2				
A-C	944	236	0.00			944				

08:45 - 09:00

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	161	40	0.00	470	0.343	163	1.0	0.5	11.919	B
B-A	49	12	0.00	250	0.194	50	0.5	0.2	18.034	C
C-AB	115	29	0.00	477	0.241	116	0.5	0.3	10.070	B
C-A	443	111	0.00			443				
A-B	2	0.45	0.00			2				
A-C	770	193	0.00			770				

09:00 - 09:15

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	135	34	0.00	514	0.262	135	0.5	0.4	9.623	A
B-A	41	10	0.00	308	0.132	41	0.2	0.2	13.486	B
C-AB	96	24	0.00	510	0.189	97	0.3	0.2	8.803	A
C-A	371	93	0.00			371				
A-B	2	0.38	0.00			2				
A-C	645	161	0.00			645				

D6 - 2032 | Reference Case + Site 2 | PM

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Arm A Direction	Arm B Direction	Arm C Direction	Junction Delay (s)	Junction LOS
1	untitled	T-Junction	Two-way	Two-way	Two-way	4.29	A

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	4.29	A

Traffic Demand

Demand Set Details

ID	Year	Scenario	Time period	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)	Run automatically
D6	2032	Reference Case + Site 2	PM	ONE HOUR	17:15	18:45	15	✓

Demand overview (Traffic)

Arm	Linked arm	Profile type	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
A		ONE HOUR	✓	739	100.000
B		ONE HOUR	✓	220	100.000
C		ONE HOUR	✓	840	100.000

Origin-Destination Data

Demand (PCU/hr)

From	To			
		A	B	C
	A	0	4	735
	B	35	0	185
	C	614	226	0

Vehicle Mix

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

Heavy Vehicle %

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

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/hr)	Total Junction Arrivals (PCU)
B-C	0.46	15.00	0.8	C	170	255
B-A	0.27	33.76	0.4	D	32	48
C-AB	0.53	16.58	1.1	C	208	312
C-A					563	844
A-B					4	6
A-C					674	1012

Main Results for each time segment

17:15 - 17:30

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	139	35	0.00	545	0.255	138	0.0	0.3	8.896	A
B-A	26	7	0.00	291	0.091	26	0.0	0.1	13.580	B
C-AB	170	43	0.00	534	0.319	168	0.0	0.5	9.900	A
C-A	462	116	0.00			462				
A-B	3	0.75	0.00			3				
A-C	553	138	0.00			553				

17:30 - 17:45

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	166	42	0.00	509	0.327	166	0.3	0.5	10.574	B
B-A	31	8	0.00	230	0.137	31	0.1	0.2	18.064	C
C-AB	203	51	0.00	506	0.402	202	0.5	0.7	11.955	B
C-A	552	138	0.00			552				
A-B	4	0.90	0.00			4				
A-C	661	165	0.00			661				

17:45 - 18:00

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	204	51	0.00	447	0.455	202	0.5	0.8	14.766	B
B-A	39	10	0.00	146	0.264	38	0.2	0.3	33.039	D
C-AB	250	63	0.00	469	0.533	248	0.7	1.1	16.334	C
C-A	675	169	0.00			675				
A-B	4	1	0.00			4				
A-C	809	202	0.00			809				

18:00 - 18:15

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	204	51	0.00	446	0.457	204	0.8	0.8	15.002	C
B-A	39	10	0.00	145	0.266	38	0.3	0.4	33.764	D
C-AB	250	63	0.00	469	0.533	250	1.1	1.1	16.585	C
C-A	675	169	0.00			675				
A-B	4	1	0.00			4				
A-C	809	202	0.00			809				

18:15 - 18:30

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	166	42	0.00	508	0.327	168	0.8	0.5	10.722	B
B-A	31	8	0.00	229	0.137	32	0.4	0.2	18.361	C
C-AB	203	51	0.00	506	0.402	205	1.1	0.7	12.162	B
C-A	552	138	0.00			552				
A-B	4	0.90	0.00			4				
A-C	661	165	0.00			661				

18:30 - 18:45

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	139	35	0.00	545	0.256	140	0.5	0.4	8.989	A
B-A	26	7	0.00	289	0.091	27	0.2	0.1	13.710	B
C-AB	170	43	0.00	534	0.319	171	0.7	0.5	10.048	B
C-A	462	116	0.00			462				
A-B	3	0.75	0.00			3				
A-C	553	138	0.00			553				

D7 - 2032 | Reference Case + Site 1 + Site 2 | AM

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Arm A Direction	Arm B Direction	Arm C Direction	Junction Delay (s)	Junction LOS
1	untitled	T-Junction	Two-way	Two-way	Two-way	4.12	A

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	4.12	A

Traffic Demand

Demand Set Details

ID	Year	Scenario	Time period	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)	Run automatically
D7	2032	Reference Case + Site 1 + Site 2	AM	ONE HOUR	07:45	09:15	15	✓

Demand overview (Traffic)

Arm	Linked arm	Profile type	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
A		ONE HOUR	✓	888	100.000
B		ONE HOUR	✓	232	100.000
C		ONE HOUR	✓	636	100.000

Origin-Destination Data

Demand (PCU/hr)

	To			
		A	B	C
From	A	0	0	888
	B	55	0	177
	C	508	128	0

Vehicle Mix

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

Heavy Vehicle %

	To			
		A	B	C
From	A	0	0	2
	B	0	0	1
	C	3	1	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/hr)	Total Junction Arrivals (PCU)
B-C	0.52	19.78	1.0	C	162	244
B-A	0.39	38.02	0.6	E	50	76
C-AB	0.33	12.85	0.5	B	117	176
C-A					466	699
A-B					0	0
A-C					815	1222

Main Results for each time segment

07:45 - 08:00

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	133	33	0.00	508	0.263	132	0.0	0.4	9.643	A
B-A	41	10	0.00	301	0.138	41	0.0	0.2	13.794	B
C-AB	96	24	0.00	504	0.191	95	0.0	0.2	8.868	A
C-A	382	96	0.00			382				
A-B	0	0	0.00			0				
A-C	669	167	0.00			669				

08:00 - 08:15

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	159	40	0.00	462	0.345	158	0.4	0.5	11.960	B
B-A	49	12	0.00	242	0.204	49	0.2	0.3	18.633	C
C-AB	115	29	0.00	471	0.244	115	0.2	0.3	10.204	B
C-A	457	114	0.00			457				
A-B	0	0	0.00			0				
A-C	798	200	0.00			798				

08:15 - 08:30

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	195	49	0.00	381	0.512	193	0.5	1.0	19.162	C
B-A	61	15	0.00	156	0.388	59	0.3	0.6	36.687	E
C-AB	141	35	0.00	424	0.332	140	0.3	0.5	12.788	B
C-A	559	140	0.00			559				
A-B	0	0	0.00			0				
A-C	978	244	0.00			978				

08:30 - 08:45

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	195	49	0.00	378	0.515	195	1.0	1.0	19.784	C
B-A	61	15	0.00	155	0.391	60	0.6	0.6	38.024	E
C-AB	141	35	0.00	424	0.332	141	0.5	0.5	12.846	B
C-A	559	140	0.00			559				
A-B	0	0	0.00			0				
A-C	978	244	0.00			978				

08:45 - 09:00

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	159	40	0.00	460	0.346	161	1.0	0.5	12.234	B
B-A	49	12	0.00	241	0.205	51	0.6	0.3	19.076	C
C-AB	115	29	0.00	471	0.244	116	0.5	0.3	10.265	B
C-A	457	114	0.00			457				
A-B	0	0	0.00			0				
A-C	798	200	0.00			798				

09:00 - 09:15

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	133	33	0.00	507	0.263	134	0.5	0.4	9.768	A
B-A	41	10	0.00	300	0.138	42	0.3	0.2	13.944	B
C-AB	96	24	0.00	504	0.191	97	0.3	0.2	8.926	A
C-A	382	96	0.00			382				
A-B	0	0	0.00			0				
A-C	669	167	0.00			669				

D8 - 2032 | Reference Case + Site 1 + Site 2 | PM

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Arm A Direction	Arm B Direction	Arm C Direction	Junction Delay (s)	Junction LOS
1	untitled	T-Junction	Two-way	Two-way	Two-way	4.21	A

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	4.21	A

Traffic Demand

Demand Set Details

ID	Year	Scenario	Time period	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)	Run automatically
D8	2032	Reference Case + Site 1 + Site 2	PM	ONE HOUR	17:15	18:45	15	✓

Demand overview (Traffic)

Arm	Linked arm	Profile type	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
A		ONE HOUR	✓	762	100.000
B		ONE HOUR	✓	215	100.000
C		ONE HOUR	✓	886	100.000

Origin-Destination Data

Demand (PCU/hr)

	To			
		A	B	C
	A	0	2	760
	B	30	0	185
	C	659	227	0

Vehicle Mix

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

Heavy Vehicle %

	To			
		A	B	C
	A	0	0	2
	B	0	0	1
	C	2	1	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/hr)	Total Junction Arrivals (PCU)
B-C	0.46	15.27	0.9	C	170	255
B-A	0.25	37.03	0.3	E	28	41
C-AB	0.54	17.16	1.2	C	209	313
C-A					604	906
A-B					2	3
A-C					697	1046

Main Results for each time segment

17:15 - 17:30

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	139	35	0.00	542	0.257	138	0.0	0.3	8.967	A
B-A	23	6	0.00	280	0.081	22	0.0	0.1	13.953	B
C-AB	171	43	0.00	529	0.323	169	0.0	0.5	10.043	B
C-A	496	124	0.00			496				
A-B	2	0.38	0.00			2				
A-C	572	143	0.00			572				

17:30 - 17:45

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	166	42	0.00	505	0.329	166	0.3	0.5	10.687	B
B-A	27	7	0.00	218	0.124	27	0.1	0.1	18.844	C
C-AB	204	51	0.00	500	0.408	203	0.5	0.7	12.203	B
C-A	592	148	0.00			592				
A-B	2	0.45	0.00			2				
A-C	683	171	0.00			683				

17:45 - 18:00

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	204	51	0.00	443	0.460	202	0.5	0.8	15.020	C
B-A	33	8	0.00	131	0.252	32	0.1	0.3	36.173	E
C-AB	252	63	0.00	463	0.543	250	0.7	1.2	16.882	C
C-A	724	181	0.00			724				
A-B	2	0.55	0.00			2				
A-C	837	209	0.00			837				

18:00 - 18:15

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	204	51	0.00	442	0.461	204	0.8	0.9	15.274	C
B-A	33	8	0.00	130	0.254	33	0.3	0.3	37.030	E
C-AB	252	63	0.00	463	0.543	252	1.2	1.2	17.163	C
C-A	724	181	0.00			724				
A-B	2	0.55	0.00			2				
A-C	837	209	0.00			837				

18:15 - 18:30

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	166	42	0.00	505	0.330	168	0.9	0.5	10.839	B
B-A	27	7	0.00	216	0.125	28	0.3	0.1	19.164	C
C-AB	204	51	0.00	500	0.408	206	1.2	0.7	12.430	B
C-A	592	148	0.00			592				
A-B	2	0.45	0.00			2				
A-C	683	171	0.00			683				

18:30 - 18:45

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	139	35	0.00	542	0.257	140	0.5	0.4	9.063	A
B-A	23	6	0.00	279	0.081	23	0.1	0.1	14.082	B
C-AB	171	43	0.00	529	0.323	172	0.7	0.5	10.197	B
C-A	496	124	0.00			496				
A-B	2	0.38	0.00			2				
A-C	572	143	0.00			572				

D9 - 2042 | Local Plan | AM

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Arm A Direction	Arm B Direction	Arm C Direction	Junction Delay (s)	Junction LOS
1	untitled	T-Junction	Two-way	Two-way	Two-way	23.63	C

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	23.63	C

Traffic Demand

Demand Set Details

ID	Year	Scenario	Time period	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)	Run automatically
D9	2042	Local Plan	AM	ONE HOUR	07:45	09:15	15	✓

Demand overview (Traffic)

Arm	Linked arm	Profile type	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
A		ONE HOUR	✓	1058	100.000
B		ONE HOUR	✓	275	100.000
C		ONE HOUR	✓	708	100.000

Origin-Destination Data

Demand (PCU/hr)

	To			
		A	B	C
	A	0	0	1058
	B	55	0	220
	C	568	140	0

Vehicle Mix

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

Heavy Vehicle %

	To			
		A	B	C
	A	0	0	2
	B	0	0	1
	C	2	1	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/hr)	Total Junction Arrivals (PCU)
B-C	1.01	146.68	10.0	F	202	303
B-A	0.93	248.48	4.1	F	50	76
C-AB	0.41	16.44	0.7	C	128	193
C-A					521	782
A-B					0	0
A-C					971	1456

Main Results for each time segment

07:45 - 08:00

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	166	41	0.00	469	0.353	163	0.0	0.5	11.803	B
B-A	41	10	0.00	251	0.165	41	0.0	0.2	17.074	C
C-AB	105	26	0.00	471	0.224	104	0.0	0.3	9.881	A
C-A	428	107	0.00			428				
A-B	0	0	0.00			0				
A-C	797	199	0.00			797				

08:00 - 08:15

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	198	49	0.00	410	0.483	196	0.5	0.9	16.903	C
B-A	49	12	0.00	178	0.278	49	0.2	0.4	27.733	D
C-AB	126	31	0.00	431	0.292	125	0.3	0.4	11.885	B
C-A	511	128	0.00			511				
A-B	0	0	0.00			0				
A-C	951	238	0.00			951				

08:15 - 08:30

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	242	61	0.00	257	0.943	222	0.9	5.9	80.317	F
B-A	61	15	0.00	66	0.911	50	0.4	2.9	174.229	F
C-AB	154	39	0.00	375	0.411	153	0.4	0.7	16.282	C
C-A	625	156	0.00			625				
A-B	0	0	0.00			0				
A-C	1165	291	0.00			1165				

08:30 - 08:45

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	242	61	0.00	240	1.010	226	5.9	10.0	146.678	F
B-A	61	15	0.00	65	0.931	56	2.9	4.1	248.484	F
C-AB	154	39	0.00	375	0.411	154	0.7	0.7	16.437	C
C-A	625	156	0.00			625				
A-B	0	0	0.00			0				
A-C	1165	291	0.00			1165				

08:45 - 09:00

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	198	49	0.00	388	0.510	233	10.0	1.1	28.629	D
B-A	49	12	0.00	161	0.306	64	4.1	0.5	41.640	E
C-AB	126	31	0.00	431	0.292	127	0.7	0.4	12.008	B
C-A	511	128	0.00			511				
A-B	0	0	0.00			0				
A-C	951	238	0.00			951				

09:00 - 09:15

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	166	41	0.00	468	0.354	168	1.1	0.6	12.195	B
B-A	41	10	0.00	249	0.166	42	0.5	0.2	17.496	C
C-AB	105	26	0.00	471	0.224	106	0.4	0.3	9.971	A
C-A	428	107	0.00			428				
A-B	0	0	0.00			0				
A-C	797	199	0.00			797				

D10 - 2042 | Local Plan | PM

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Arm A Direction	Arm B Direction	Arm C Direction	Junction Delay (s)	Junction LOS
1	untitled	T-Junction	Two-way	Two-way	Two-way	8.43	A

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	8.43	A

Traffic Demand

Demand Set Details

ID	Year	Scenario	Time period	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)	Run automatically
D10	2042	Local Plan	PM	ONE HOUR	17:15	18:45	15	✓

Demand overview (Traffic)

Arm	Linked arm	Profile type	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
A		ONE HOUR	✓	862	100.000
B		ONE HOUR	✓	243	100.000
C		ONE HOUR	✓	940	100.000

Origin-Destination Data

Demand (PCU/hr)

	To			
		A	B	C
	A	0	3	859
	B	45	0	198
	C	701	239	0

Vehicle Mix

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

Heavy Vehicle %

	To			
		A	B	C
	A	0	0	2
	B	0	0	1
	C	1	1	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/hr)	Total Junction Arrivals (PCU)
B-C	0.69	35.53	2.0	E	182	273
B-A	0.63	113.52	1.4	F	41	62
C-AB	0.61	21.10	1.6	C	221	332
C-A					641	962
A-B					3	4
A-C					788	1182

Main Results for each time segment

17:15 - 17:30

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	149	37	0.00	513	0.290	147	0.0	0.4	9.895	A
B-A	34	8	0.00	250	0.136	33	0.0	0.2	16.582	C
C-AB	180	45	0.00	510	0.353	178	0.0	0.5	10.888	B
C-A	528	132	0.00			528				
A-B	2	0.56	0.00			2				
A-C	647	162	0.00			647				

17:30 - 17:45

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	178	44	0.00	464	0.383	177	0.4	0.6	12.621	B
B-A	40	10	0.00	181	0.224	40	0.2	0.3	25.518	D
C-AB	215	54	0.00	477	0.451	214	0.5	0.8	13.754	B
C-A	630	157	0.00			630				
A-B	3	0.67	0.00			3				
A-C	772	193	0.00			772				

17:45 - 18:00

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	218	55	0.00	335	0.650	214	0.6	1.7	28.877	D
B-A	50	12	0.00	82	0.603	46	0.3	1.2	91.879	F
C-AB	269	67	0.00	441	0.610	266	0.8	1.5	20.494	C
C-A	766	192	0.00			766				
A-B	3	0.83	0.00			3				
A-C	946	236	0.00			946				

18:00 - 18:15

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	218	55	0.00	317	0.687	217	1.7	2.0	35.534	E
B-A	50	12	0.00	79	0.627	49	1.2	1.4	113.519	F
C-AB	269	67	0.00	441	0.610	269	1.5	1.6	21.102	C
C-A	766	192	0.00			766				
A-B	3	0.83	0.00			3				
A-C	946	236	0.00			946				

18:15 - 18:30

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	178	44	0.00	458	0.389	184	2.0	0.7	13.500	B
B-A	40	10	0.00	178	0.228	45	1.4	0.3	27.963	D
C-AB	215	54	0.00	477	0.451	218	1.6	0.9	14.168	B
C-A	630	157	0.00			630				
A-B	3	0.67	0.00			3				
A-C	772	193	0.00			772				

18:30 - 18:45

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	149	37	0.00	512	0.291	150	0.7	0.4	10.062	B
B-A	34	8	0.00	248	0.137	34	0.3	0.2	16.890	C
C-AB	180	45	0.00	510	0.353	181	0.9	0.6	11.108	B
C-A	528	132	0.00			528				
A-B	2	0.56	0.00			2				
A-C	647	162	0.00			647				

D13 - 2042 | Local Plan + Site 2 | AM

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Arm A Direction	Arm B Direction	Arm C Direction	Junction Delay (s)	Junction LOS
1	untitled	T-Junction	Two-way	Two-way	Two-way	24.92	C

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	24.92	C

Traffic Demand

Demand Set Details

ID	Year	Scenario	Time period	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)	Run automatically
D13	2042	Local Plan + Site 2	AM	ONE HOUR	07:45	09:15	15	✓

Demand overview (Traffic)

Arm	Linked arm	Profile type	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
A		ONE HOUR	✓	1060	100.000
B		ONE HOUR	✓	275	100.000
C		ONE HOUR	✓	715	100.000

Origin-Destination Data

Demand (PCU/hr)

	To			
		A	B	C
	A	0	0	1060
	B	55	0	220
	C	575	140	0

Vehicle Mix

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

Heavy Vehicle %

	To			
		A	B	C
	A	0	0	2
	B	0	0	1
	C	2	1	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/hr)	Total Junction Arrivals (PCU)
B-C	1.02	156.97	10.8	F	202	303
B-A	0.94	258.93	4.3	F	50	76
C-AB	0.41	16.48	0.7	C	128	193
C-A					528	791
A-B					0	0
A-C					973	1459

Main Results for each time segment

07:45 - 08:00

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	166	41	0.00	469	0.353	163	0.0	0.5	11.824	B
B-A	41	10	0.00	249	0.166	41	0.0	0.2	17.177	C
C-AB	105	26	0.00	471	0.224	104	0.0	0.3	9.892	A
C-A	433	108	0.00			433				
A-B	0	0	0.00			0				
A-C	798	200	0.00			798				

08:00 - 08:15

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	198	49	0.00	409	0.484	196	0.5	0.9	16.971	C
B-A	49	12	0.00	176	0.280	49	0.2	0.4	28.054	D
C-AB	126	31	0.00	430	0.292	125	0.3	0.4	11.903	B
C-A	517	129	0.00			517				
A-B	0	0	0.00			0				
A-C	953	238	0.00			953				

08:15 - 08:30

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	242	61	0.00	252	0.960	221	0.9	6.3	85.472	F
B-A	61	15	0.00	65	0.938	50	0.4	3.1	184.849	F
C-AB	154	39	0.00	375	0.412	153	0.4	0.7	16.325	C
C-A	633	158	0.00			633				
A-B	0	0	0.00			0				
A-C	1167	292	0.00			1167				

08:30 - 08:45

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	242	61	0.00	237	1.023	225	6.3	10.8	156.968	F
B-A	61	15	0.00	64	0.940	56	3.1	4.3	258.933	F
C-AB	154	39	0.00	375	0.412	154	0.7	0.7	16.478	C
C-A	633	158	0.00			633				
A-B	0	0	0.00			0				
A-C	1167	292	0.00			1167				

08:45 - 09:00

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	198	49	0.00	385	0.513	236	10.8	1.1	30.410	D
B-A	49	12	0.00	158	0.312	65	4.3	0.5	43.700	E
C-AB	126	31	0.00	430	0.292	127	0.7	0.4	12.027	B
C-A	517	129	0.00			517				
A-B	0	0	0.00			0				
A-C	953	238	0.00			953				

09:00 - 09:15

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	166	41	0.00	467	0.354	168	1.1	0.6	12.222	B
B-A	41	10	0.00	248	0.167	43	0.5	0.2	17.616	C
C-AB	105	26	0.00	471	0.224	106	0.4	0.3	9.980	A
C-A	433	108	0.00			433				
A-B	0	0	0.00			0				
A-C	798	200	0.00			798				

D14 - 2042 | Local Plan + Site 2 | PM

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Arm A Direction	Arm B Direction	Arm C Direction	Junction Delay (s)	Junction LOS
1	untitled	T-Junction	Two-way	Two-way	Two-way	8.50	A

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	8.50	A

Traffic Demand

Demand Set Details

ID	Year	Scenario	Time period	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)	Run automatically
D14	2042	Local Plan + Site 2	PM	ONE HOUR	17:15	18:45	15	✓

Demand overview (Traffic)

Arm	Linked arm	Profile type	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
A		ONE HOUR	✓	869	100.000
B		ONE HOUR	✓	242	100.000
C		ONE HOUR	✓	944	100.000

Origin-Destination Data

Demand (PCU/hr)

From	To			
		A	B	C
	A	0	2	867
	B	44	0	198
	C	707	237	0

Vehicle Mix

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

Heavy Vehicle %

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

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/hr)	Total Junction Arrivals (PCU)
B-C	0.69	36.56	2.1	E	182	273
B-A	0.63	117.87	1.4	F	40	61
C-AB	0.61	21.09	1.5	C	219	329
C-A					647	970
A-B					2	3
A-C					796	1193

Main Results for each time segment

17:15 - 17:30

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	149	37	0.00	512	0.291	147	0.0	0.4	9.926	A
B-A	33	8	0.00	248	0.134	33	0.0	0.2	16.650	C
C-AB	178	45	0.00	508	0.351	176	0.0	0.5	10.885	B
C-A	532	133	0.00			532				
A-B	2	0.38	0.00			2				
A-C	653	163	0.00			653				

17:30 - 17:45

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	178	44	0.00	463	0.384	177	0.4	0.6	12.678	B
B-A	40	10	0.00	179	0.222	39	0.2	0.3	25.723	D
C-AB	213	53	0.00	476	0.448	212	0.5	0.8	13.748	B
C-A	635	159	0.00			635				
A-B	2	0.45	0.00			2				
A-C	779	195	0.00			779				

17:45 - 18:00

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	218	55	0.00	333	0.655	213	0.6	1.8	29.392	D
B-A	48	12	0.00	80	0.607	45	0.3	1.2	94.676	F
C-AB	267	67	0.00	439	0.608	264	0.8	1.5	20.486	C
C-A	773	193	0.00			773				
A-B	2	0.55	0.00			2				
A-C	955	239	0.00			955				

18:00 - 18:15

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	218	55	0.00	314	0.694	217	1.8	2.1	36.557	E
B-A	48	12	0.00	77	0.632	48	1.2	1.4	117.872	F
C-AB	267	67	0.00	439	0.608	266	1.5	1.5	21.087	C
C-A	773	193	0.00			773				
A-B	2	0.55	0.00			2				
A-C	955	239	0.00			955				

18:15 - 18:30

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	178	44	0.00	457	0.390	184	2.1	0.7	13.586	B
B-A	40	10	0.00	175	0.225	44	1.4	0.3	28.245	D
C-AB	213	53	0.00	476	0.448	216	1.5	0.8	14.159	B
C-A	635	159	0.00			635				
A-B	2	0.45	0.00			2				
A-C	779	195	0.00			779				

18:30 - 18:45

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	149	37	0.00	511	0.292	150	0.7	0.4	10.094	B
B-A	33	8	0.00	246	0.134	34	0.3	0.2	16.964	C
C-AB	178	45	0.00	508	0.351	180	0.8	0.6	11.103	B
C-A	532	133	0.00			532				
A-B	2	0.38	0.00			2				
A-C	653	163	0.00			653				

D15 - 2042 | Local Plan + Site 1 + Site 2 | AM

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Arm A Direction	Arm B Direction	Arm C Direction	Junction Delay (s)	Junction LOS
1	untitled	T-Junction	Two-way	Two-way	Two-way	32.71	D

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	32.71	D

Traffic Demand

Demand Set Details

ID	Year	Scenario	Time period	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)	Run automatically
D15	2042	Local Plan + Site 1 + Site 2	AM	ONE HOUR	07:45	09:15	15	✓

Demand overview (Traffic)

Arm	Linked arm	Profile type	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
A		ONE HOUR	✓	1085	100.000
B		ONE HOUR	✓	277	100.000
C		ONE HOUR	✓	724	100.000

Origin-Destination Data

Demand (PCU/hr)

	To			
From		A	B	C
	A	0	0	1085
	B	56	0	221
	C	586	138	0

Vehicle Mix

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

Heavy Vehicle %

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

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/hr)	Total Junction Arrivals (PCU)
B-C	1.10	218.39	15.7	F	203	304
B-A	1.03	314.87	5.4	F	51	77
C-AB	0.41	16.86	0.7	C	127	190
C-A					538	807
A-B					0	0
A-C					996	1493

Main Results for each time segment

07:45 - 08:00

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	166	42	0.00	463	0.359	164	0.0	0.6	12.087	B
B-A	42	11	0.00	243	0.173	41	0.0	0.2	17.757	C
C-AB	104	26	0.00	466	0.223	103	0.0	0.3	9.985	A
C-A	441	110	0.00			441				
A-B	0	0	0.00			0				
A-C	817	204	0.00			817				

08:00 - 08:15

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	199	50	0.00	400	0.497	197	0.6	1.0	17.764	C
B-A	50	13	0.00	169	0.299	50	0.2	0.4	30.028	D
C-AB	124	31	0.00	424	0.292	124	0.3	0.4	12.061	B
C-A	527	132	0.00			527				
A-B	0	0	0.00			0				
A-C	975	244	0.00			975				

08:15 - 08:30

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	243	61	0.00	234	1.040	212	1.0	8.7	111.771	F
B-A	62	15	0.00	60	1.029	48	0.4	3.7	219.759	F
C-AB	152	38	0.00	368	0.414	151	0.4	0.7	16.693	C
C-A	645	161	0.00			645				
A-B	0	0	0.00			0				
A-C	1195	299	0.00			1195				

08:30 - 08:45

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	243	61	0.00	221	1.101	215	8.7	15.7	218.390	F
B-A	62	15	0.00	61	1.013	55	3.7	5.4	314.874	F
C-AB	152	38	0.00	368	0.414	152	0.7	0.7	16.857	C
C-A	645	161	0.00			645				
A-B	0	0	0.00			0				
A-C	1195	299	0.00			1195				

08:45 - 09:00

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	199	50	0.00	365	0.544	256	15.7	1.3	49.661	E
B-A	50	13	0.00	139	0.362	69	5.4	0.6	62.923	F
C-AB	124	31	0.00	424	0.292	125	0.7	0.4	12.191	B
C-A	527	132	0.00			527				
A-B	0	0	0.00			0				
A-C	975	244	0.00			975				

09:00 - 09:15

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	166	42	0.00	461	0.361	169	1.3	0.6	12.581	B
B-A	42	11	0.00	242	0.175	44	0.6	0.2	18.338	C
C-AB	104	26	0.00	466	0.223	104	0.4	0.3	10.077	B
C-A	441	110	0.00			441				
A-B	0	0	0.00			0				
A-C	817	204	0.00			817				

D16 - 2042 | Local Plan + Site 1 + Site 2 | PM

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Arm A Direction	Arm B Direction	Arm C Direction	Junction Delay (s)	Junction LOS
1	untitled	T-Junction	Two-way	Two-way	Two-way	10.68	B

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	10.68	B

Traffic Demand

Demand Set Details

ID	Year	Scenario	Time period	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)	Run automatically
D16	2042	Local Plan + Site 1 + Site 2	PM	ONE HOUR	17:15	18:45	15	✓

Demand overview (Traffic)

Arm	Linked arm	Profile type	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
A		ONE HOUR	✓	883	100.000
B		ONE HOUR	✓	242	100.000
C		ONE HOUR	✓	965	100.000

Origin-Destination Data

Demand (PCU/hr)

	To			
From		A	B	C
	A	0	1	882
	B	44	0	198
	C	728	237	0

Vehicle Mix

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

Heavy Vehicle %

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

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/hr)	Total Junction Arrivals (PCU)
B-C	0.77	51.46	2.9	F	182	273
B-A	0.72	158.77	1.9	F	40	61
C-AB	0.61	21.54	1.6	C	220	330
C-A					666	999
A-B					0.92	1
A-C					809	1214

Main Results for each time segment

17:15 - 17:30

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	149	37	0.00	509	0.293	147	0.0	0.4	10.018	B
B-A	33	8	0.00	242	0.137	33	0.0	0.2	17.097	C
C-AB	178	45	0.00	506	0.353	176	0.0	0.5	10.975	B
C-A	548	137	0.00			548				
A-B	0.75	0.19	0.00			0.75				
A-C	664	166	0.00			664				

17:30 - 17:45

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	178	44	0.00	458	0.389	177	0.4	0.6	12.902	B
B-A	40	10	0.00	172	0.230	39	0.2	0.3	26.994	D
C-AB	213	53	0.00	472	0.452	212	0.5	0.8	13.916	B
C-A	654	164	0.00			654				
A-B	0.90	0.22	0.00			0.90				
A-C	793	198	0.00			793				

17:45 - 18:00

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	218	55	0.00	310	0.702	212	0.6	2.1	35.132	E
B-A	48	12	0.00	71	0.678	44	0.3	1.5	115.874	F
C-AB	267	67	0.00	436	0.614	264	0.8	1.5	20.894	C
C-A	795	199	0.00			795				
A-B	1	0.28	0.00			1				
A-C	971	243	0.00			971				

18:00 - 18:15

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	218	55	0.00	281	0.775	215	2.1	2.9	51.458	F
B-A	48	12	0.00	67	0.720	47	1.5	1.9	158.773	F
C-AB	267	67	0.00	436	0.614	267	1.5	1.6	21.541	C
C-A	795	199	0.00			795				
A-B	1	0.28	0.00			1				
A-C	971	243	0.00			971				

18:15 - 18:30

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	178	44	0.00	449	0.397	187	2.9	0.7	14.334	B
B-A	40	10	0.00	168	0.235	46	1.9	0.3	30.825	D
C-AB	213	53	0.00	472	0.452	216	1.6	0.9	14.353	B
C-A	654	164	0.00			654				
A-B	0.90	0.22	0.00			0.90				
A-C	793	198	0.00			793				

18:30 - 18:45

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	149	37	0.00	508	0.294	150	0.7	0.4	10.196	B
B-A	33	8	0.00	241	0.138	34	0.3	0.2	17.433	C
C-AB	178	45	0.00	506	0.353	180	0.9	0.6	11.196	B
C-A	548	137	0.00			548				
A-B	0.75	0.19	0.00			0.75				
A-C	664	166	0.00			664				

Junctions 11	
ARCADY 11 - Roundabout Module	
Version: 11.1.1.2424 © Copyright TRL Software Limited, 2026	
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Filename: Junction 7 - Wrotham Road_A2 Linked Rbt.j11

Path: C:\Users\MatthewJohnson\Hub Transport Planning Ltd\Hub Transport Planning - General\Projects\T25526
Longfield Road, Meopham\Modelling\Arcady

Report generation date: 20/04/2026 11:24:06

»D1 - 2032 | Reference Case | AM
»D2 - 2032 | Reference Case | PM
»D5 - 2032 | Reference Case + Site 2 | AM
»D6 - 2032 | Reference Case + Site 2 | PM
»D7 - 2032 | Reference Case + Site 1 + Site 2 | AM
»D8 - 2032 | Reference Case + Site 1 + Site 2 | PM
»D9 - 2042 | Local Plan | AM
»D10 - 2042 | Local Plan | PM
»D13 - 2042 | Local Plan + Site 2 | AM
»D14 - 2042 | Local Plan + Site 2 | PM
»D15 - 2042 | Local Plan + Site 1 + Site 2 | AM
»D16 - 2042 | Local Plan + Site 1 + Site 2 | PM

Summary of junction performance

	AM				PM			
	Set ID	Queue (PCU)	Delay (s)	RFC	Set ID	Queue (PCU)	Delay (s)	RFC
	2032 - Reference Case							
Junction 1 - Arm 2	D1	0.7	2.43	0.40	D2	0.9	2.79	0.47
Junction 1 - Arm 3		1.3	4.09	0.55		3.2	8.24	0.76
Junction 1 - Arm 4		143.7	230.37	1.14		133.2	210.95	1.13
Junction 2 - Arm 1		0.6	6.32	0.38		0.9	6.64	0.46
Junction 2 - Arm 2		36.3	109.03	1.04		3.9	14.24	0.80
Junction 2 - Arm 4		1.7	4.00	0.63		1.2	3.27	0.55
	2032 - Reference Case + Site 2							
Junction 1 - Arm 2	D5	0.6	2.40	0.39	D6	0.9	2.78	0.47
Junction 1 - Arm 3		1.3	4.08	0.56		3.3	8.28	0.77
Junction 1 - Arm 4		148.5	241.07	1.14		133.3	211.36	1.13
Junction 2 - Arm 1		0.6	6.20	0.37		0.9	6.54	0.45
Junction 2 - Arm 2		38.4	113.88	1.04		3.8	14.11	0.80
Junction 2 - Arm 4		1.8	4.05	0.64		1.2	3.29	0.56
	2032 - Reference Case + Site 1 + Site 2							
Junction 1 - Arm 2	D7	0.6	2.39	0.38	D8	0.9	2.78	0.47
Junction 1 - Arm 3		1.3	4.17	0.57		3.6	8.91	0.78
Junction 1 - Arm 4		144.2	232.78	1.14		139.2	227.40	1.14
Junction 2 - Arm 1		0.6	6.28	0.37		0.8	6.61	0.45
Junction 2 - Arm 2		50.9	143.25	1.07		4.1	14.72	0.81
Junction 2 - Arm 4		1.8	4.13	0.64		1.3	3.38	0.57
	2042 - Local Plan							
Junction 1 - Arm 2	D9	0.5	2.24	0.34	D10	0.8	2.69	0.45
Junction 1 - Arm 3		1.4	4.11	0.58		4.6	10.82	0.83
Junction 1 - Arm 4		132.4	209.60	1.13		127.3	210.72	1.14
Junction 2 - Arm 1		0.6	6.52	0.37		0.8	6.50	0.44
Junction 2 - Arm 2		149.3	450.84	1.25		7.2	23.55	0.89
Junction 2 - Arm 4		2.0	4.35	0.66		1.4	3.56	0.59
	2042 - Local Plan + Site 2							
Junction 1 - Arm 2	D13	0.5	2.24	0.34	D14	0.9	2.72	0.46
Junction 1 - Arm 3		1.4	4.15	0.58		4.3	10.28	0.82
Junction 1 - Arm 4		133.3	212.19	1.13		123.3	204.44	1.13
Junction 2 - Arm 1		0.6	6.53	0.37		0.8	6.49	0.44
Junction 2 - Arm 2		148.6	446.83	1.24		7.3	23.66	0.89
Junction 2 - Arm 4		2.0	4.35	0.66		1.4	3.51	0.58
	2042 - Local Plan + Site 1 + Site 2							
Junction 1 - Arm 2	D15	0.5	2.25	0.35	D16	0.9	2.72	0.46
Junction 1 - Arm 3		1.4	4.15	0.58		4.7	11.12	0.83
Junction 1 - Arm 4		130.4	206.07	1.13		118.3	197.85	1.13
Junction 2 - Arm 1		0.6	6.53	0.37		0.8	6.52	0.44
Junction 2 - Arm 2		161.5	488.50	1.26		7.8	25.03	0.90
Junction 2 - Arm 4		2.0	4.36	0.66		1.4	3.55	0.59

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

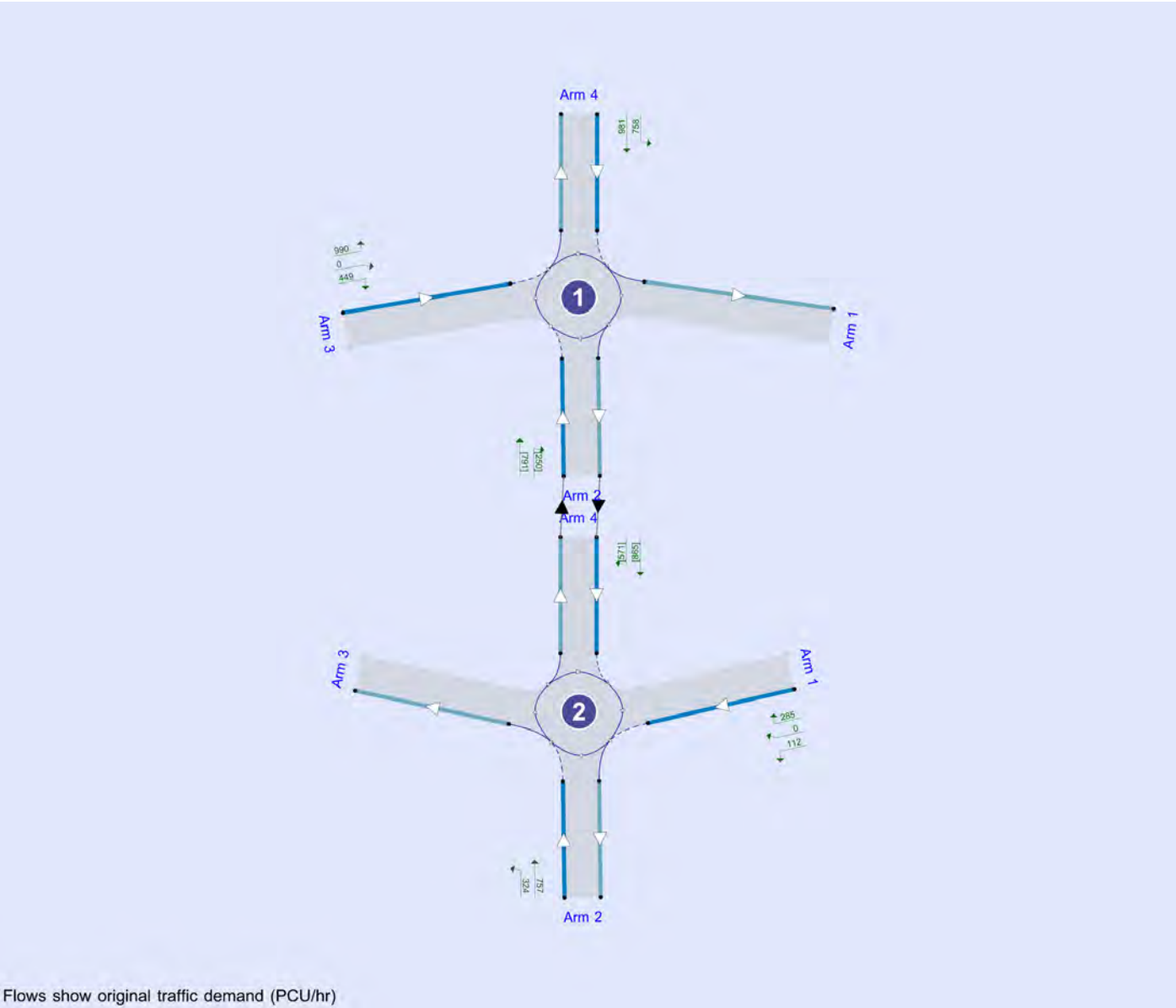
File summary

File Description

Title	
Location	Wrotham Road/A2 Southern Roundabout
Site number	7
Date	09/04/2026
Version	
Status	(new file)
Identifier	MJ
Client	Richborough
Jobnumber	T25512
Enumerator	AzureAD/MatthewJohnson
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	PCU	PCU	perHour	s	-Min	perMin



Flows show original traffic demand (PCU/hr)
The junction diagram reflects the last run of Junctions.

Analysis Options

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

Demand Set Summary

ID	Year	Scenario	Time period	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)	Run automatically
D1	2032	Reference Case	AM	ONE HOUR	07:45	09:15	15	✓
D2	2032	Reference Case	PM	ONE HOUR	16:45	18:15	15	✓
D3	2032	Reference Case + Site 1	AM	ONE HOUR	07:45	09:15	15	✓
D4	2032	Reference Case + Site 1	PM	ONE HOUR	16:45	18:15	15	✓
D5	2032	Reference Case + Site 2	AM	ONE HOUR	07:45	09:15	15	✓
D6	2032	Reference Case + Site 2	PM	ONE HOUR	16:45	18:15	15	✓
D7	2032	Reference Case + Site 1 + Site 2	AM	ONE HOUR	07:45	09:15	15	✓
D8	2032	Reference Case + Site 1 + Site 2	PM	ONE HOUR	16:45	18:15	15	✓
D9	2042	Local Plan	AM	ONE HOUR	07:45	09:15	15	✓
D10	2042	Local Plan	PM	ONE HOUR	16:45	18:15	15	✓
D11	2042	Local Plan + Site 1	AM	ONE HOUR	07:45	09:15	15	✓
D12	2042	Local Plan + Site 1	PM	ONE HOUR	16:45	18:15	15	✓
D13	2042	Local Plan + Site 2	AM	ONE HOUR	07:45	09:15	15	✓
D14	2042	Local Plan + Site 2	PM	ONE HOUR	16:45	18:15	15	✓
D15	2042	Local Plan + Site 1 + Site 2	AM	ONE HOUR	07:45	09:15	15	✓
D16	2042	Local Plan + Site 1 + Site 2	PM	ONE HOUR	16:45	18:15	15	✓

Analysis Set Details

ID	Include in report	Use specific Demand Set(s)	Specific Demand Set(s)	Network flow scaling factor (%)	Network capacity scaling factor (%)
A1	✓	✓	D1,D2,D5,D6,D7,D8,D9,D10,D13,D14,D15,D16	100.000	100.000

D1 - 2032 | Reference Case | AM

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Arm order	Junction Delay (s)	Junction LOS
1	untitled	Standard Roundabout	1, 2, 3, 4	117.77	F
2	untitled	Standard Roundabout	1, 2, 3, 4	41.09	E

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	84.97	F

Arms

Arms

Junction	Arm	Name	Description	No give-way line
1	1	A2 (E) On-Slip		
	2	Wrotham Road S - Internal Link		
	3	A2 (W) Off-Slip		
	4	Wrotham Road N		
2	1	A2 (E) Off-Slip		
	2	Wrotham Road S		
	3	A2 (W) On-Slip		
	4	Wrotham Road N - Internal Link		

Roundabout Geometry

Junction	Arm	V - Approach road half-width (m)	E - Entry width (m)	I' - Effective flare length (m)	R - Entry radius (m)	D - Inscribed circle diameter (m)	PHI - Conflict (entry) angle (deg)	Entry only	Exit only
1	1								✓
	2	7.10	8.50	18.0	17.1	60.0	27.0		
	3	7.30	9.40	17.0	25.5	60.0	22.0	✓	
	4	4.80	8.30	22.3	18.1	60.0	24.0		
2	1	3.80	8.70	14.3	20.1	60.0	35.0	✓	
	2	3.90	8.40	12.8	18.8	60.0	25.0		
	3								✓
	4	7.20	8.30	15.0	20.5	60.0	28.0		

Slope / Intercept / Capacity

Roundabout Slope and Intercept used in model

Junction	Arm	Final slope	Final intercept (PCU/hr)
1	1		
	2	0.696	2496
	3	0.753	2770
	4	0.647	2194
2	1	0.575	1828
	2	0.587	1849
	3		
	4	0.693	2471

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

Traffic Demand

Demand Set Details

ID	Year	Scenario	Time period	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)	Run automatically
D1	2032	Reference Case	AM	ONE HOUR	07:45	09:15	15	✓

Linked Arm Data

Junction	Arm	Feeding Junction	Feeding Arm	Link Type	Flow source	Uniform flow (PCU/hr)	Flow multiplier (%)	Internal storage space (PCU)
1	2	2	4	Queue limited	Normal	0	100.00	33.00
2	4	1	2	Queue limited	Normal	0	100.00	33.00

Demand overview (Traffic)

Junction	Arm	Linked arm	Profile type	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
1	1					
	2	✓				
	3		ONE HOUR	✓	1020	100.000
	4		ONE HOUR	✓	1979	100.000
2	1		ONE HOUR	✓	324	100.000
	2		ONE HOUR	✓	1029	100.000
	3					
	4	✓				

Origin-Destination Data

Demand (PCU/hr)

Junction 2

	To				
From		1	2	3	4
	1	0	56	0	268
	2	0	0	369	660
	3	0	0	0	0
	4	0	567	1008	0

Demand (PCU/hr)

Junction 1

	To				
From		1	2	3	4
	1	0	0	0	0
	2	178	0	0	749
	3	0	222	0	798
	4	618	1361	0	0

Vehicle Mix

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

Heavy Vehicle %

Junction 2

	To				
From		1	2	3	4
	1	0	1	0	1
	2	0	0	1	3
	3	0	0	0	0
	4	0	2	1	0

Heavy Vehicle %

Junction 1

	To				
		1	2	3	4
	1	0	0	0	0
	2	2	0	0	2
	3	0	2	0	3
	4	1	2	0	0

Results

Results Summary for whole modelled period

Junction	Arm	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/hr)	Total Junction Arrivals (PCU)
1	1						
	2	0.40	2.43	0.7	A	851	1276
	3	0.55	4.09	1.3	A	936	1404
	4	1.14	230.37	143.7	F	1816	2724
2	1	0.38	6.32	0.6	A	297	446
	2	1.04	109.03	36.3	F	944	1416
	3						
	4	0.63	4.00	1.7	A	1451	2176

Main Results for each time segment

07:45 - 08:00

Junction	Arm	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Throughput (exit side) (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
1	1			1183				595				
	2	694	173	0	2496	0.278	692	1183	0.0	0.4	2.033	A
	3	768	192	692	2249	0.341	766	0	0.0	0.5	2.491	A
	4	1490	372	300	2000	0.745	1478	1158	0.0	2.9	6.869	A
2	1	244	61	1180	1150	0.212	243	0	0.0	0.3	4.004	A
	2	775	194	956	1289	0.601	769	467	0.0	1.5	7.004	A
	3			694				1031				
	4	1183	296	0	2471	0.479	1180	694	0.0	0.9	2.816	A

08:00 - 08:15

Junction	Arm	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Throughput (exit side) (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
1	1			1408				708				
	2	829	207	0	2496	0.332	828	1408	0.4	0.5	2.201	A
	3	917	229	828	2147	0.427	916	0	0.5	0.8	3.005	A
	4	1779	445	358	1962	0.907	1758	1386	2.9	8.3	16.374	C
2	1	291	73	1406	1019	0.286	291	0	0.3	0.4	4.986	A
	2	925	231	1141	1180	0.784	917	557	1.5	3.5	13.613	B
	3			829				1229				
	4	1408	352	0	2471	0.570	1406	829	0.9	1.3	3.422	A

08:15 - 08:30

Junction	Arm	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Throughput (exit side) (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
1	1			1553				781				
	2	972	243	0	2496	0.389	971	1553	0.5	0.6	2.408	A
	3	1123	281	971	2039	0.551	1121	0	0.8	1.2	4.022	A
	4	2179	545	431	1916	1.137	1904	1662	8.3	77.1	88.918	F
2	1	357	89	1552	936	0.381	356	0	0.4	0.6	6.259	A
	2	1133	283	1288	1094	1.036	1056	620	3.5	22.6	57.280	F
	3			972				1372				
	4	1553	388	0	2471	0.628	1552	972	1.3	1.7	3.961	A

08:30 - 08:45

Junction	Arm	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Throughput (exit side) (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
1	1			1560				787				
	2	987	247	0	2496	0.395	987	1560	0.6	0.7	2.432	A
	3	1123	281	987	2028	0.554	1123	0	1.2	1.3	4.089	A
	4	2179	545	434	1914	1.139	1912	1676	77.1	143.7	212.570	F
2	1	357	89	1559	932	0.383	357	0	0.6	0.6	6.324	A
	2	1133	283	1293	1091	1.039	1078	623	22.6	36.3	109.032	F
	3			987				1385				
	4	1560	390	0	2471	0.631	1559	987	1.7	1.7	4.001	A

08:45 - 09:00

Junction	Arm	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Throughput (exit side) (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
1	1			1533				781				
	2	914	228	0	2496	0.366	914	1533	0.7	0.6	2.322	A
	3	917	229	914	2082	0.440	919	0	1.3	0.8	3.184	A
	4	1779	445	376	1951	0.912	1938	1457	143.7	104.1	230.374	F
2	1	291	73	1533	947	0.308	292	0	0.6	0.5	5.556	A
	2	925	231	1222	1132	0.817	1048	602	36.3	5.4	60.519	F
	3			914				1357				
	4	1533	383	0	2471	0.620	1533	914	1.7	1.7	3.889	A

09:00 - 09:15

Junction	Arm	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Throughput (exit side) (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
1	1			1469				727				
	2	708	177	0	2496	0.284	709	1469	0.6	0.4	2.056	A
	3	768	192	709	2237	0.343	769	0	0.8	0.5	2.524	A
	4	1490	372	303	1998	0.746	1893	1174	104.1	3.4	84.627	F
2	1	244	61	1470	983	0.248	244	0	0.5	0.3	4.924	A
	2	775	194	1143	1179	0.657	788	571	5.4	2.0	9.742	A
	3			708				1223				
	4	1469	367	0	2471	0.594	1470	708	1.7	1.5	3.644	A

D2 - 2032 | Reference Case | PM

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Arm order	Junction Delay (s)	Junction LOS
1	untitled	Standard Roundabout	1, 2, 3, 4	96.58	F
2	untitled	Standard Roundabout	1, 2, 3, 4	7.51	A

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	61.88	F

Traffic Demand

Demand Set Details

ID	Year	Scenario	Time period	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)	Run automatically
D2	2032	Reference Case	PM	ONE HOUR	16:45	18:15	15	✓

Linked Arm Data

Junction	Arm	Feeding Junction	Feeding Arm	Link Type	Flow source	Uniform flow (PCU/hr)	Flow multiplier (%)	Internal storage space (PCU)
1	2	2	4	Queue limited	Normal	0	100.00	33.00
2	4	1	2	Queue limited	Normal	0	100.00	33.00

Demand overview (Traffic)

Junction	Arm	Linked arm	Profile type	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
1	1					
	2	✓				
	3		ONE HOUR	✓	1306	100.000
	4		ONE HOUR	✓	1888	100.000
2	1		ONE HOUR	✓	440	100.000
	2		ONE HOUR	✓	918	100.000
	3					
	4	✓				

Origin-Destination Data

Demand (PCU/hr)

Junction 2

From	To				
		1	2	3	4
	1	0	88	0	352
	2	0	0	197	721
	3	0	0	0	0
	4	0	754	605	0

Demand (PCU/hr)

Junction 1

	To				
		1	2	3	4
From	1	0	0	0	0
	2	199	0	0	873
	3	0	308	0	998
	4	830	1058	0	0

Vehicle Mix

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

Heavy Vehicle %

Junction 2

	To				
		1	2	3	4
From	1	0	3	0	3
	2	0	0	0	2
	3	0	0	0	0
	4	0	1	0	0

Heavy Vehicle %

Junction 1

	To				
		1	2	3	4
From	1	0	0	0	0
	2	2	0	0	2
	3	0	1	0	2
	4	1	1	0	0

Results

Results Summary for whole modelled period

Junction	Arm	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/hr)	Total Junction Arrivals (PCU)
1	1						
	2	0.47	2.79	0.9	A	984	1476
	3	0.76	8.24	3.2	A	1198	1798
	4	1.13	210.95	133.2	F	1732	2599
2	1	0.46	6.64	0.9	A	404	606
	2	0.80	14.24	3.9	B	842	1264
	3						
	4	0.55	3.27	1.2	A	1252	1878

Main Results for each time segment

16:45 - 17:00

Junction	Arm	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Throughput (exit side) (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
1	1			1022				769				
	2	804	201	0	2496	0.322	802	1022	0.0	0.5	2.165	A
	3	983	246	802	2167	0.454	980	0	0.0	0.8	3.077	A
	4	1421	355	380	1949	0.729	1411	1402	0.0	2.6	6.638	A
2	1	331	83	1019	1242	0.267	330	0	0.0	0.4	4.057	A
	2	691	173	717	1428	0.484	687	631	0.0	0.9	4.910	A
	3			804				601				
	4	1022	255	0	2471	0.413	1019	804	0.0	0.7	2.488	A

17:00 - 17:15

Junction	Arm	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Throughput (exit side) (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
1	1			1217				916				
	2	962	241	0	2496	0.385	961	1217	0.5	0.6	2.391	A
	3	1174	294	961	2047	0.574	1172	0	0.8	1.4	4.178	A
	4	1697	424	455	1900	0.893	1679	1679	2.6	7.3	15.275	C
2	1	396	99	1216	1129	0.350	395	0	0.4	0.6	5.045	A
	2	825	206	857	1346	0.613	823	754	0.9	1.6	6.949	A
	3			962				718				
	4	1217	304	0	2471	0.492	1216	962	0.7	1.0	2.880	A

17:15 - 17:30

Junction	Arm	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Throughput (exit side) (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
1	1			1358				1019				
	2	1174	293	0	2496	0.470	1173	1358	0.6	0.9	2.771	A
	3	1438	359	1173	1888	0.762	1431	0	1.4	3.1	7.896	A
	4	2079	520	555	1835	1.133	1822	2048	7.3	71.5	86.351	F
2	1	484	121	1357	1048	0.462	483	0	0.6	0.9	6.554	A
	2	1011	253	991	1268	0.797	1002	850	1.6	3.7	13.339	B
	3			1174				819				
	4	1358	340	0	2471	0.550	1357	1174	1.0	1.2	3.246	A

17:30 - 17:45

Junction	Arm	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Throughput (exit side) (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
1	1			1366				1024				
	2	1181	295	0	2496	0.473	1181	1366	0.9	0.9	2.791	A
	3	1438	359	1181	1882	0.764	1438	0	3.1	3.2	8.237	A
	4	2079	520	558	1833	1.134	1832	2060	71.5	133.2	205.776	F
2	1	484	121	1365	1043	0.464	484	0	0.9	0.9	6.637	A
	2	1011	253	995	1265	0.799	1010	854	3.7	3.9	14.242	B
	3			1181				825				
	4	1366	341	0	2471	0.553	1365	1181	1.2	1.2	3.272	A

17:45 - 18:00

Junction	Arm	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Throughput (exit side) (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
1	1			1334				1008				
	2	972	243	0	2496	0.389	973	1334	0.9	0.7	2.414	A
	3	1174	294	973	2038	0.576	1181	0	3.2	1.4	4.313	A
	4	1697	424	459	1897	0.895	1883	1695	133.2	86.8	210.952	F
2	1	396	99	1334	1061	0.373	397	0	0.9	0.6	5.590	A
	2	825	206	911	1315	0.628	834	819	3.9	1.7	7.730	A
	3			972				773				
	4	1334	333	0	2471	0.540	1334	972	1.2	1.2	3.182	A

18:00 - 18:15

Junction	Arm	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Throughput (exit side) (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
1	1			1217				923				
	2	811	203	0	2496	0.325	811	1217	0.7	0.5	2.181	A
	3	983	246	811	2160	0.455	985	0	1.4	0.9	3.127	A
	4	1421	355	383	1947	0.730	1757	1414	86.8	2.9	56.038	F
2	1	331	83	1218	1128	0.294	332	0	0.6	0.4	4.664	A
	2	691	173	808	1375	0.502	694	742	1.7	1.0	5.389	A
	3			811				691				
	4	1217	304	0	2471	0.492	1218	811	1.2	1.0	2.890	A

D5 - 2032 | Reference Case + Site 2 | AM

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Arm order	Junction Delay (s)	Junction LOS
1	untitled	Standard Roundabout	1, 2, 3, 4	123.55	F
2	untitled	Standard Roundabout	1, 2, 3, 4	42.95	E

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	89.05	F

Traffic Demand

Demand Set Details

ID	Year	Scenario	Time period	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)	Run automatically
D5	2032	Reference Case + Site 2	AM	ONE HOUR	07:45	09:15	15	✓

Linked Arm Data

Junction	Arm	Feeding Junction	Feeding Arm	Link Type	Flow source	Uniform flow (PCU/hr)	Flow multiplier (%)	Internal storage space (PCU)
1	2	2	4	Queue limited	Normal	0	100.00	33.00
2	4	1	2	Queue limited	Normal	0	100.00	33.00

Demand overview (Traffic)

Junction	Arm	Linked arm	Profile type	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
1	1					
	2	✓				
	3		ONE HOUR	✓	1032	100.000
	4		ONE HOUR	✓	1988	100.000
2	1		ONE HOUR	✓	307	100.000
	2		ONE HOUR	✓	1036	100.000
	3					
	4	✓				

Origin-Destination Data

Demand (PCU/hr)

Junction 2

	To				
From		1	2	3	4
	1	0	54	0	253
	2	0	0	377	659
	3	0	0	0	0
	4	0	568	1024	0

Demand (PCU/hr)

Junction 1

	To				
		1	2	3	4
From	1	0	0	0	0
	2	175	0	0	737
	3	0	225	0	807
	4	612	1376	0	0

Vehicle Mix

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

Heavy Vehicle %

Junction 2

	To				
		1	2	3	4
From	1	0	1	0	1
	2	0	0	1	3
	3	0	0	0	0
	4	0	2	1	0

Heavy Vehicle %

Junction 1

	To				
		1	2	3	4
From	1	0	0	0	0
	2	2	0	0	2
	3	0	2	0	3
	4	1	2	0	0

Results

Results Summary for whole modelled period

Junction	Arm	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/hr)	Total Junction Arrivals (PCU)
1	1						
	2	0.39	2.40	0.6	A	836	1254
	3	0.56	4.08	1.3	A	947	1420
	4	1.14	241.07	148.5	F	1824	2736
2	1	0.37	6.20	0.6	A	282	423
	2	1.04	113.88	38.4	F	951	1426
	3						
	4	0.64	4.05	1.8	A	1467	2201

Main Results for each time segment

07:45 - 08:00

Junction	Arm	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Throughput (exit side) (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
1	1			1197				588				
	2	682	170	0	2496	0.273	680	1197	0.0	0.4	2.020	A
	3	777	194	680	2258	0.344	775	0	0.0	0.5	2.491	A
	4	1497	374	299	2001	0.748	1485	1156	0.0	2.9	6.952	A
2	1	231	58	1193	1142	0.202	230	0	0.0	0.3	3.982	A
	2	780	195	957	1288	0.606	774	466	0.0	1.5	7.080	A
	3			682				1049				
	4	1197	299	0	2471	0.484	1193	682	0.0	0.9	2.846	A

08:00 - 08:15

Junction	Arm	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Throughput (exit side) (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
1	1			1423				699				
	2	814	204	0	2496	0.326	814	1423	0.4	0.5	2.182	A
	3	928	232	814	2158	0.430	927	0	0.5	0.8	3.005	A
	4	1787	447	358	1963	0.911	1765	1382	2.9	8.6	16.849	C
2	1	276	69	1422	1011	0.273	275	0	0.3	0.4	4.942	A
	2	931	233	1142	1180	0.790	923	556	1.5	3.6	13.931	B
	3			814				1250				
	4	1423	356	0	2471	0.576	1422	814	0.9	1.4	3.469	A

08:15 - 08:30

Junction	Arm	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Throughput (exit side) (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
1	1			1566				769				
	2	952	238	0	2496	0.382	952	1566	0.5	0.6	2.378	A
	3	1136	284	952	2054	0.553	1134	0	0.8	1.3	4.016	A
	4	2189	547	430	1916	1.142	1905	1656	8.6	79.6	91.447	F
2	1	338	85	1564	929	0.364	337	0	0.4	0.6	6.139	A
	2	1141	285	1284	1096	1.041	1060	617	3.6	23.6	59.067	F
	3			952				1392				
	4	1566	391	0	2471	0.634	1564	952	1.4	1.7	4.015	A

08:30 - 08:45

Junction	Arm	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Throughput (exit side) (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
1	1			1572				774				
	2	967	242	0	2496	0.387	967	1572	0.6	0.6	2.400	A
	3	1136	284	967	2043	0.556	1136	0	1.3	1.3	4.081	A
	4	2189	547	433	1914	1.144	1913	1670	79.6	148.5	219.307	F
2	1	338	85	1572	925	0.366	338	0	0.6	0.6	6.198	A
	2	1141	285	1289	1093	1.044	1082	620	23.6	38.4	113.877	F
	3			967				1405				
	4	1572	393	0	2471	0.636	1572	967	1.7	1.8	4.054	A

08:45 - 09:00

Junction	Arm	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Throughput (exit side) (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
1	1			1544				770				
	2	903	226	0	2496	0.362	904	1544	0.6	0.6	2.307	A
	3	928	232	904	2090	0.444	930	0	1.3	0.8	3.194	A
	4	1787	447	376	1951	0.916	1938	1457	148.5	110.9	241.068	F
2	1	276	69	1544	940	0.293	277	0	0.6	0.4	5.484	A
	2	931	233	1221	1133	0.822	1062	600	38.4	5.8	67.005	F
	3			903				1380				
	4	1544	386	0	2471	0.625	1544	903	1.8	1.7	3.935	A

09:00 - 09:15

Junction	Arm	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Throughput (exit side) (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
1	1			1503				727				
	2	696	174	0	2496	0.279	697	1503	0.6	0.4	2.041	A
	3	777	194	697	2246	0.346	778	0	0.8	0.5	2.524	A
	4	1497	374	303	1998	0.749	1926	1172	110.9	3.6	97.218	F
2	1	231	58	1503	964	0.240	232	0	0.4	0.3	4.967	A
	2	780	195	1158	1170	0.667	795	577	5.8	2.1	10.162	B
	3			696				1256				
	4	1503	376	0	2471	0.608	1503	696	1.7	1.6	3.772	A

D6 - 2032 | Reference Case + Site 2 | PM

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Arm order	Junction Delay (s)	Junction LOS
1	untitled	Standard Roundabout	1, 2, 3, 4	96.68	F
2	untitled	Standard Roundabout	1, 2, 3, 4	7.46	A

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	61.93	F

Traffic Demand

Demand Set Details

ID	Year	Scenario	Time period	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)	Run automatically
D6	2032	Reference Case + Site 2	PM	ONE HOUR	16:45	18:15	15	✓

Linked Arm Data

Junction	Arm	Feeding Junction	Feeding Arm	Link Type	Flow source	Uniform flow (PCU/hr)	Flow multiplier (%)	Internal storage space (PCU)
1	2	2	4	Queue limited	Normal	0	100.00	33.00
2	4	1	2	Queue limited	Normal	0	100.00	33.00

Demand overview (Traffic)

Junction	Arm	Linked arm	Profile type	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
1	1					
	2	✓				
	3		ONE HOUR	✓	1312	100.000
	4		ONE HOUR	✓	1885	100.000
2	1		ONE HOUR	✓	429	100.000
	2		ONE HOUR	✓	920	100.000
	3					
	4	✓				

Origin-Destination Data

Junction 2

Demand (PCU/hr)

	To				
From		1	2	3	4
	1	0	84	0	345
	2	0	0	197	723
	3	0	0	0	0
	4	0	761	605	0

Demand (PCU/hr)

Junction 1

	To				
		1	2	3	4
From	1	0	0	0	0
	2	198	0	0	870
	3	0	314	0	998
	4	827	1058	0	0

Vehicle Mix

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

Heavy Vehicle %

Junction 2

	To				
		1	2	3	4
From	1	0	3	0	3
	2	0	0	0	2
	3	0	0	0	0
	4	0	1	0	0

Heavy Vehicle %

Junction 1

	To				
		1	2	3	4
From	1	0	0	0	0
	2	2	0	0	2
	3	0	1	0	2
	4	1	1	0	0

Results

Results Summary for whole modelled period

Junction	Arm	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/hr)	Total Junction Arrivals (PCU)
1	1						
	2	0.47	2.78	0.9	A	979	1469
	3	0.77	8.28	3.3	A	1204	1806
	4	1.13	211.36	133.3	F	1730	2595
2	1	0.45	6.54	0.9	A	394	590
	2	0.80	14.11	3.8	B	844	1266
	3						
	4	0.56	3.29	1.2	A	1258	1887

Main Results for each time segment

16:45 - 17:00

Junction	Arm	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Throughput (exit side) (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
1	1			1026				766				
	2	800	200	0	2496	0.320	798	1026	0.0	0.5	2.160	A
	3	988	247	798	2170	0.455	984	0	0.0	0.8	3.081	A
	4	1419	355	384	1946	0.729	1409	1399	0.0	2.6	6.639	A
2	1	323	81	1023	1240	0.261	322	0	0.0	0.4	4.039	A
	2	693	173	712	1432	0.484	689	633	0.0	0.9	4.898	A
	3			800				601				
	4	1026	257	0	2471	0.415	1023	800	0.0	0.7	2.496	A

17:00 - 17:15

Junction	Arm	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Throughput (exit side) (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
1	1			1222				913				
	2	958	239	0	2496	0.384	957	1222	0.5	0.6	2.384	A
	3	1179	295	957	2050	0.575	1177	0	0.8	1.4	4.188	A
	4	1695	424	459	1897	0.893	1676	1675	2.6	7.3	15.287	C
2	1	386	96	1221	1126	0.343	385	0	0.4	0.5	5.001	A
	2	827	207	851	1350	0.613	825	756	0.9	1.6	6.921	A
	3			958				718				
	4	1222	306	0	2471	0.495	1221	958	0.7	1.0	2.893	A

17:15 - 17:30

Junction	Arm	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Throughput (exit side) (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
1	1			1365				1014				
	2	1168	292	0	2496	0.468	1167	1365	0.6	0.9	2.760	A
	3	1445	361	1167	1892	0.764	1437	0	1.4	3.2	7.937	A
	4	2075	519	560	1832	1.133	1819	2044	7.3	71.5	86.506	F
2	1	472	118	1364	1044	0.452	471	0	0.5	0.8	6.457	A
	2	1013	253	983	1273	0.796	1004	852	1.6	3.7	13.225	B
	3			1168				819				
	4	1365	341	0	2471	0.552	1364	1168	1.0	1.2	3.264	A

17:30 - 17:45

Junction	Arm	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Throughput (exit side) (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
1	1			1372				1020				
	2	1175	294	0	2496	0.471	1175	1372	0.9	0.9	2.779	A
	3	1445	361	1175	1886	0.766	1444	0	3.2	3.3	8.283	A
	4	2075	519	564	1830	1.134	1828	2056	71.5	133.3	206.192	F
2	1	472	118	1372	1039	0.454	472	0	0.8	0.9	6.538	A
	2	1013	253	987	1270	0.798	1012	857	3.7	3.8	14.106	B
	3			1175				824				
	4	1372	343	0	2471	0.555	1372	1175	1.2	1.2	3.291	A

17:45 - 18:00

Junction	Arm	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Throughput (exit side) (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
1	1			1339				1004				
	2	968	242	0	2496	0.388	969	1339	0.9	0.6	2.404	A
	3	1179	295	969	2041	0.578	1187	0	3.3	1.4	4.323	A
	4	1695	424	464	1894	0.895	1880	1692	133.3	86.9	211.361	F
2	1	386	96	1340	1058	0.365	387	0	0.9	0.6	5.531	A
	2	827	207	904	1319	0.627	835	822	3.8	1.7	7.692	A
	3			968				772				
	4	1339	335	0	2471	0.542	1340	968	1.2	1.2	3.200	A

18:00 - 18:15

Junction	Arm	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Throughput (exit side) (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
1	1			1222				920				
	2	807	202	0	2496	0.323	807	1222	0.6	0.5	2.176	A
	3	988	247	807	2162	0.457	990	0	1.4	0.9	3.131	A
	4	1419	355	387	1944	0.730	1755	1411	86.9	2.9	56.203	F
2	1	323	81	1223	1125	0.287	324	0	0.6	0.4	4.630	A
	2	693	173	802	1379	0.502	695	745	1.7	1.0	5.373	A
	3			807				690				
	4	1222	305	0	2471	0.494	1223	807	1.2	1.0	2.902	A

D7 - 2032 | Reference Case + Site 1 + Site 2 | AM

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Arm order	Junction Delay (s)	Junction LOS
1	untitled	Standard Roundabout	1, 2, 3, 4	118.15	F
2	untitled	Standard Roundabout	1, 2, 3, 4	54.08	F

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	90.61	F

Traffic Demand

Demand Set Details

ID	Year	Scenario	Time period	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)	Run automatically
D7	2032	Reference Case + Site 1 + Site 2	AM	ONE HOUR	07:45	09:15	15	✓

Linked Arm Data

Junction	Arm	Feeding Junction	Feeding Arm	Link Type	Flow source	Uniform flow (PCU/hr)	Flow multiplier (%)	Internal storage space (PCU)
1	2	2	4	Queue limited	Normal	0	100.00	33.00
2	4	1	2	Queue limited	Normal	0	100.00	33.00

Demand overview (Traffic)

Junction	Arm	Linked arm	Profile type	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
1	1					
	2	✓				
	3		ONE HOUR	✓	1056	100.000
	4		ONE HOUR	✓	1977	100.000
2	1		ONE HOUR	✓	305	100.000
	2		ONE HOUR	✓	1065	100.000
	3					
	4	✓				

Origin-Destination Data

Junction 2

Demand (PCU/hr)

	To				
From		1	2	3	4
	1	0	54	0	251
	2	0	0	397	668
	3	0	0	0	0
	4	0	581	1021	0

Demand (PCU/hr)

Junction 1

	To				
		1	2	3	4
From	1	0	0	0	0
	2	166	0	0	753
	3	0	241	0	815
	4	607	1370	0	0

Vehicle Mix

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

Heavy Vehicle %

Junction 2

	To				
		1	2	3	4
From	1	0	1	0	1
	2	0	0	1	2
	3	0	0	0	0
	4	0	2	1	0

Heavy Vehicle %

Junction 1

	To				
		1	2	3	4
From	1	0	0	0	0
	2	2	0	0	2
	3	0	2	0	3
	4	1	2	0	0

Results

Results Summary for whole modelled period

Junction	Arm	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/hr)	Total Junction Arrivals (PCU)
1	1						
	2	0.38	2.39	0.6	A	842	1263
	3	0.57	4.17	1.3	A	969	1454
	4	1.14	232.78	144.2	F	1814	2721
2	1	0.37	6.28	0.6	A	280	420
	2	1.07	143.25	50.9	F	977	1466
	3						
	4	0.64	4.13	1.8	A	1477	2215

Main Results for each time segment

07:45 - 08:00

Junction	Arm	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Throughput (exit side) (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
1	1			1204				577				
	2	687	172	0	2496	0.275	685	1204	0.0	0.4	2.026	A
	3	795	199	685	2254	0.353	793	0	0.0	0.6	2.528	A
	4	1488	372	305	1997	0.745	1477	1173	0.0	2.9	6.891	A
2	1	230	57	1201	1138	0.202	229	0	0.0	0.3	3.995	A
	2	802	200	953	1290	0.622	795	476	0.0	1.6	7.301	A
	3			687				1062				
	4	1204	301	0	2471	0.487	1201	687	0.0	1.0	2.863	A

08:00 - 08:15

Junction	Arm	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Throughput (exit side) (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
1	1			1433				687				
	2	820	205	0	2496	0.328	819	1433	0.4	0.5	2.190	A
	3	949	237	819	2154	0.441	948	0	0.6	0.8	3.066	A
	4	1777	444	364	1959	0.907	1756	1403	2.9	8.3	16.503	C
2	1	274	69	1431	1005	0.273	274	0	0.3	0.4	4.967	A
	2	957	239	1137	1182	0.810	948	568	1.6	4.0	15.059	C
	3			820				1266				
	4	1433	358	0	2471	0.580	1431	820	1.0	1.4	3.501	A

08:15 - 08:30

Junction	Arm	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Throughput (exit side) (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
1	1			1582				754				
	2	947	237	0	2496	0.379	946	1582	0.5	0.6	2.369	A
	3	1163	291	946	2058	0.565	1161	0	0.8	1.3	4.114	A
	4	2177	544	436	1912	1.138	1900	1671	8.3	77.4	89.430	F
2	1	336	84	1580	920	0.365	335	0	0.4	0.6	6.210	A
	2	1173	293	1283	1097	1.069	1070	632	4.0	29.6	69.258	F
	3			947				1406				
	4	1582	395	0	2471	0.640	1580	947	1.4	1.8	4.086	A

08:30 - 08:45

Junction	Arm	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Throughput (exit side) (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
1	1			1589				759				
	2	958	240	0	2496	0.384	958	1589	0.6	0.6	2.387	A
	3	1163	291	958	2049	0.567	1163	0	1.3	1.3	4.173	A
	4	2177	544	438	1911	1.139	1909	1682	77.4	144.2	213.727	F
2	1	336	84	1588	915	0.367	336	0	0.6	0.6	6.277	A
	2	1173	293	1289	1093	1.073	1087	636	29.6	50.9	143.246	F
	3			958				1418				
	4	1589	397	0	2471	0.643	1588	958	1.8	1.8	4.132	A

08:45 - 09:00

Junction	Arm	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Throughput (exit side) (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
1	1			1556				760				
	2	924	231	0	2496	0.370	924	1556	0.6	0.6	2.335	A
	3	949	237	924	2075	0.458	951	0	1.3	0.9	3.300	A
	4	1777	444	384	1946	0.913	1932	1491	144.2	105.5	232.776	F
2	1	274	69	1556	933	0.294	275	0	0.6	0.4	5.526	A
	2	957	239	1218	1135	0.844	1113	613	50.9	12.2	107.885	F
	3			924				1407				
	4	1556	389	0	2471	0.630	1556	924	1.8	1.7	3.990	A

09:00 - 09:15

Junction	Arm	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Throughput (exit side) (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
1	1			1496				712				
	2	717	179	0	2496	0.287	718	1496	0.6	0.4	2.067	A
	3	795	199	718	2230	0.357	796	0	0.9	0.6	2.584	A
	4	1488	372	311	1993	0.747	1897	1203	105.5	3.4	87.870	F
2	1	230	57	1497	968	0.237	230	0	0.4	0.3	4.932	A
	2	802	200	1143	1179	0.680	841	584	12.2	2.2	12.071	B
	3			717				1268				
	4	1496	374	0	2471	0.605	1497	717	1.7	1.6	3.748	A

D8 - 2032 | Reference Case + Site 1 + Site 2 | PM

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Arm order	Junction Delay (s)	Junction LOS
1	untitled	Standard Roundabout	1, 2, 3, 4	102.90	F
2	untitled	Standard Roundabout	1, 2, 3, 4	7.74	A

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	65.54	F

Traffic Demand

Demand Set Details

ID	Year	Scenario	Time period	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)	Run automatically
D8	2032	Reference Case + Site 1 + Site 2	PM	ONE HOUR	16:45	18:15	15	✓

Linked Arm Data

Junction	Arm	Feeding Junction	Feeding Arm	Link Type	Flow source	Uniform flow (PCU/hr)	Flow multiplier (%)	Internal storage space (PCU)
1	2	2	4	Queue limited	Normal	0	100.00	33.00
2	4	1	2	Queue limited	Normal	0	100.00	33.00

Demand overview (Traffic)

Junction	Arm	Linked arm	Profile type	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
1	1					
	2	✓				
	3		ONE HOUR	✓	1344	100.000
	4		ONE HOUR	✓	1872	100.000
2	1		ONE HOUR	✓	420	100.000
	2		ONE HOUR	✓	945	100.000
	3					
	4	✓				

Origin-Destination Data

Junction 2

		Demand (PCU/hr)			
From		To			
		1	2	3	4
	1	0	88	0	332
	2	0	0	210	735
	3	0	0	0	0
	4	0	804	593	0

Demand (PCU/hr)

Junction 1

	To				
		1	2	3	4
From	1	0	0	0	0
	2	203	0	0	862
	3	0	346	0	998
	4	814	1058	0	0

Vehicle Mix

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

Heavy Vehicle %

Junction 2

	To				
		1	2	3	4
From	1	0	3	0	3
	2	0	0	0	2
	3	0	0	0	0
	4	0	1	0	0

Heavy Vehicle %

Junction 1

	To				
		1	2	3	4
From	1	0	0	0	0
	2	2	0	0	2
	3	0	1	0	1
	4	1	1	0	0

Results

Results Summary for whole modelled period

Junction	Arm	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/hr)	Total Junction Arrivals (PCU)
1	1						
	2	0.47	2.78	0.9	A	978	1467
	3	0.78	8.91	3.6	A	1233	1850
	4	1.14	227.40	139.2	F	1718	2577
2	1	0.45	6.61	0.8	A	385	578
	2	0.81	14.72	4.1	B	867	1301
	3						
	4	0.57	3.38	1.3	A	1287	1931

Main Results for each time segment

16:45 - 17:00

Junction	Arm	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Throughput (exit side) (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
1	1			1050				760				
	2	799	200	0	2496	0.320	797	1050	0.0	0.5	2.159	A
	3	1012	253	797	2170	0.466	1008	0	0.0	0.9	3.120	A
	4	1409	352	412	1928	0.731	1399	1394	0.0	2.7	6.740	A
2	1	316	79	1047	1226	0.258	315	0	0.0	0.4	4.064	A
	2	711	178	693	1443	0.493	708	669	0.0	1.0	4.948	A
	3			799				602				
	4	1050	263	0	2471	0.425	1047	799	0.0	0.7	2.536	A

17:00 - 17:15

Junction	Arm	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Throughput (exit side) (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
1	1			1251				906				
	2	957	239	0	2496	0.383	956	1251	0.5	0.6	2.382	A
	3	1208	302	956	2051	0.589	1206	0	0.9	1.4	4.293	A
	4	1683	421	493	1876	0.897	1663	1669	2.7	7.5	15.856	C
2	1	378	94	1249	1110	0.340	377	0	0.4	0.5	5.056	A
	2	850	212	828	1363	0.623	847	798	1.0	1.6	7.041	A
	3			957				719				
	4	1251	313	0	2471	0.506	1249	957	0.7	1.0	2.960	A

17:15 - 17:30

Junction	Arm	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Throughput (exit side) (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
1	1			1392				1002				
	2	1167	292	0	2496	0.467	1166	1392	0.6	0.9	2.755	A
	3	1480	370	1166	1893	0.782	1472	0	1.4	3.5	8.471	A
	4	2061	515	601	1805	1.142	1793	2036	7.5	74.4	90.745	F
2	1	462	116	1391	1028	0.450	461	0	0.5	0.8	6.525	A
	2	1040	260	955	1289	0.807	1031	897	1.6	3.9	13.719	B
	3			1167				820				
	4	1392	348	0	2471	0.563	1391	1167	1.0	1.3	3.349	A

17:30 - 17:45

Junction	Arm	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Throughput (exit side) (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
1	1			1399				1007				
	2	1174	294	0	2496	0.470	1174	1399	0.9	0.9	2.777	A
	3	1480	370	1174	1887	0.784	1479	0	3.5	3.6	8.907	A
	4	2061	515	605	1803	1.143	1802	2049	74.4	139.2	217.714	F
2	1	462	116	1399	1024	0.452	462	0	0.8	0.8	6.606	A
	2	1040	260	959	1286	0.809	1040	902	3.9	4.1	14.719	B
	3			1174				825				
	4	1399	350	0	2471	0.566	1399	1174	1.3	1.3	3.375	A

17:45 - 18:00

Junction	Arm	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Throughput (exit side) (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
1	1			1364				993				
	2	967	242	0	2496	0.387	968	1364	0.9	0.6	2.404	A
	3	1208	302	968	2042	0.592	1217	0	3.6	1.5	4.451	A
	4	1683	421	498	1872	0.899	1859	1687	139.2	95.3	227.398	F
2	1	378	94	1364	1044	0.362	379	0	0.8	0.6	5.581	A
	2	850	212	878	1334	0.637	859	864	4.1	1.8	7.832	A
	3			967				770				
	4	1364	341	0	2471	0.552	1364	967	1.3	1.2	3.271	A

18:00 - 18:15

Junction	Arm	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Throughput (exit side) (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
1	1			1266				927				
	2	806	202	0	2496	0.323	807	1266	0.6	0.5	2.175	A
	3	1012	253	807	2163	0.468	1014	0	1.5	0.9	3.170	A
	4	1409	352	415	1926	0.732	1778	1406	95.3	3.0	71.191	F
2	1	316	79	1267	1100	0.288	317	0	0.6	0.4	4.742	A
	2	711	178	788	1387	0.513	714	796	1.8	1.1	5.461	A
	3			806				697				
	4	1266	317	0	2471	0.512	1267	806	1.2	1.1	3.009	A

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Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Arm order	Junction Delay (s)	Junction LOS
1	untitled	Standard Roundabout	1, 2, 3, 4	104.77	F
2	untitled	Standard Roundabout	1, 2, 3, 4	182.03	F

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	139.59	F

Traffic Demand

Demand Set Details

ID	Year	Scenario	Time period	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)	Run automatically
D9	2042	Local Plan	AM	ONE HOUR	07:45	09:15	15	✓

Linked Arm Data

Junction	Arm	Feeding Junction	Feeding Arm	Link Type	Flow source	Uniform flow (PCU/hr)	Flow multiplier (%)	Internal storage space (PCU)
1	2	2	4	Queue limited	Normal	0	100.00	33.00
2	4	1	2	Queue limited	Normal	0	100.00	33.00

Demand overview (Traffic)

Junction	Arm	Linked arm	Profile type	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
1	1					
	2	✓				
	3		ONE HOUR	✓	1114	100.000
	4		ONE HOUR	✓	1927	100.000
2	1		ONE HOUR	✓	302	100.000
	2		ONE HOUR	✓	1278	100.000
	3					
	4	✓				

Origin-Destination Data

Demand (PCU/hr)					
	To				
From		1	2	3	4
	1	0	58	0	244
	2	0	0	615	663
	3	0	0	0	0
	4	0	666	947	0

Junction 2

Demand (PCU/hr)

Junction 1

	To				
		1	2	3	4
From	1	0	0	0	0
	2	175	0	0	732
	3	0	292	0	822
	4	582	1345	0	0

Vehicle Mix

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

Heavy Vehicle %

Junction 2

	To				
		1	2	3	4
From	1	0	1	0	1
	2	0	0	1	2
	3	0	0	0	0
	4	0	2	1	0

Heavy Vehicle %

Junction 1

	To				
		1	2	3	4
From	1	0	0	0	0
	2	2	0	0	2
	3	0	2	0	3
	4	2	2	0	0

Results

Results Summary for whole modelled period

Junction	Arm	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/hr)	Total Junction Arrivals (PCU)
1	1						
	2	0.34	2.24	0.5	A	804	1207
	3	0.58	4.11	1.4	A	1022	1533
	4	1.13	209.60	132.4	F	1768	2652
2	1	0.37	6.52	0.6	A	277	416
	2	1.25	450.84	149.3	F	1173	1759
	3						
	4	0.66	4.35	2.0	A	1501	2251

Main Results for each time segment

07:45 - 08:00

Junction	Arm	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Throughput (exit side) (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
1	1			1224				565				
	2	677	169	0	2496	0.271	675	1224	0.0	0.4	2.014	A
	3	839	210	675	2262	0.371	836	0	0.0	0.6	2.589	A
	4	1451	363	349	1968	0.737	1440	1162	0.0	2.8	6.812	A
2	1	227	57	1220	1127	0.202	226	0	0.0	0.3	4.035	A
	2	962	241	899	1322	0.728	952	547	0.0	2.6	9.623	A
	3			677				1174				
	4	1224	306	0	2471	0.495	1220	677	0.0	1.0	2.907	A

08:00 - 08:15

Junction	Arm	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Throughput (exit side) (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
1	1			1457				671				
	2	799	200	0	2496	0.320	799	1457	0.4	0.5	2.163	A
	3	1001	250	799	2169	0.462	1000	0	0.6	0.9	3.161	A
	4	1732	433	416	1925	0.900	1712	1383	2.8	7.8	15.937	C
2	1	271	68	1456	991	0.274	271	0	0.3	0.4	5.045	A
	2	1149	287	1073	1220	0.942	1118	653	2.6	10.2	29.838	D
	3			799				1393				
	4	1457	364	0	2471	0.590	1456	799	1.0	1.4	3.587	A

08:15 - 08:30

Junction	Arm	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Throughput (exit side) (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
1	1			1624				728				
	2	854	213	0	2496	0.342	853	1624	0.5	0.5	2.235	A
	3	1227	307	853	2128	0.576	1225	0	0.9	1.4	4.085	A
	4	2122	530	486	1880	1.128	1867	1592	7.8	71.5	85.027	F
2	1	333	83	1622	896	0.371	332	0	0.4	0.6	6.438	A
	2	1407	352	1220	1133	1.241	1129	733	10.2	79.8	153.927	F
	3			854				1495				
	4	1624	406	0	2471	0.657	1622	854	1.4	1.9	4.288	A

08:30 - 08:45

Junction	Arm	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Throughput (exit side) (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
1	1			1632				732				
	2	854	214	0	2496	0.342	854	1632	0.5	0.5	2.236	A
	3	1227	307	854	2127	0.577	1227	0	1.4	1.4	4.106	A
	4	2122	530	486	1880	1.129	1878	1595	71.5	132.4	200.553	F
2	1	333	83	1632	890	0.374	332	0	0.6	0.6	6.524	A
	2	1407	352	1227	1130	1.246	1129	738	79.8	149.3	368.437	F
	3			854				1502				
	4	1632	408	0	2471	0.660	1632	854	1.9	2.0	4.348	A

08:45 - 09:00

Junction	Arm	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Throughput (exit side) (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
1	1			1594				735				
	2	823	206	0	2496	0.330	823	1594	0.5	0.5	2.196	A
	3	1001	250	823	2150	0.466	1003	0	1.4	0.9	3.231	A
	4	1732	433	422	1921	0.902	1907	1405	132.4	88.8	209.603	F
2	1	271	68	1594	912	0.298	272	0	0.6	0.4	5.693	A
	2	1149	287	1156	1171	0.981	1163	711	149.3	145.7	450.841	F
	3			823				1496				
	4	1594	398	0	2471	0.645	1594	823	2.0	1.9	4.165	A

09:00 - 09:15

Junction	Arm	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Throughput (exit side) (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
1	1			1472				700				
	2	820	205	0	2496	0.328	820	1472	0.5	0.5	2.191	A
	3	839	210	820	2153	0.390	840	0	0.9	0.7	2.817	A
	4	1451	363	378	1950	0.744	1793	1281	88.8	3.2	64.026	F
2	1	227	57	1473	981	0.232	228	0	0.4	0.3	4.829	A
	2	962	241	1049	1234	0.780	1225	652	145.7	79.9	333.021	F
	3			820				1455				
	4	1472	368	0	2471	0.595	1473	820	1.9	1.5	3.663	A

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Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Arm order	Junction Delay (s)	Junction LOS
1	untitled	Standard Roundabout	1, 2, 3, 4	92.14	F
2	untitled	Standard Roundabout	1, 2, 3, 4	11.26	B

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	59.29	F

Traffic Demand

Demand Set Details

ID	Year	Scenario	Time period	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)	Run automatically
D10	2042	Local Plan	PM	ONE HOUR	16:45	18:15	15	✓

Linked Arm Data

Junction	Arm	Feeding Junction	Feeding Arm	Link Type	Flow source	Uniform flow (PCU/hr)	Flow multiplier (%)	Internal storage space (PCU)
1	2	2	4	Queue limited	Normal	0	100.00	33.00
2	4	1	2	Queue limited	Normal	0	100.00	33.00

Demand overview (Traffic)

Junction	Arm	Linked arm	Profile type	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
1	1					
	2	✓				
	3		ONE HOUR	✓	1441	100.000
	4		ONE HOUR	✓	1763	100.000
2	1		ONE HOUR	✓	392	100.000
	2		ONE HOUR	✓	1057	100.000
	3					
	4	✓				

Origin-Destination Data

Demand (PCU/hr)

Junction 2

	To				
		1	2	3	4
From	1	0	112	0	280
	2	0	0	309	748
	3	0	0	0	0
	4	0	843	607	0

Demand (PCU/hr)

Junction 1

	To				
		1	2	3	4
From	1	0	0	0	0
	2	252	0	0	775
	3	0	435	0	1006
	4	752	1011	0	0

Vehicle Mix

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

Heavy Vehicle %

Junction 2

	To				
		1	2	3	4
From	1	0	1	0	1
	2	0	0	0	2
	3	0	0	0	0
	4	0	1	0	0

Heavy Vehicle %

Junction 1

	To				
		1	2	3	4
From	1	0	0	0	0
	2	2	0	0	2
	3	0	1	0	1
	4	2	1	0	0

Results

Results Summary for whole modelled period

Junction	Arm	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/hr)	Total Junction Arrivals (PCU)
1	1						
	2	0.45	2.69	0.8	A	943	1414
	3	0.83	10.82	4.6	B	1322	1983
	4	1.14	210.72	127.3	F	1618	2427
2	1	0.44	6.50	0.8	A	360	540
	2	0.89	23.55	7.2	C	970	1455
	3						
	4	0.59	3.56	1.4	A	1326	1988

Main Results for each time segment

16:45 - 17:00

Junction	Arm	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Throughput (exit side) (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
1	1			1082				750				
	2	770	192	0	2496	0.308	768	1082	0.0	0.5	2.123	A
	3	1085	271	768	2192	0.495	1081	0	0.0	1.0	3.261	A
	4	1327	332	515	1861	0.713	1317	1334	0.0	2.5	6.601	A
2	1	295	74	1079	1208	0.244	294	0	0.0	0.3	3.972	A
	2	796	199	661	1461	0.545	791	711	0.0	1.2	5.410	A
	3			770				683				
	4	1082	270	0	2471	0.438	1079	770	0.0	0.8	2.594	A

17:00 - 17:15

Junction	Arm	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Throughput (exit side) (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
1	1			1289				895				
	2	921	230	0	2496	0.369	920	1289	0.5	0.6	2.330	A
	3	1295	324	920	2077	0.624	1293	0	1.0	1.7	4.618	A
	4	1585	396	616	1796	0.883	1568	1597	2.5	6.7	15.024	C
2	1	352	88	1288	1087	0.324	352	0	0.3	0.5	4.938	A
	2	950	238	791	1386	0.686	946	849	1.2	2.2	8.242	A
	3			921				816				
	4	1289	322	0	2471	0.522	1288	921	0.8	1.1	3.057	A

17:15 - 17:30

Junction	Arm	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Throughput (exit side) (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
1	1			1448				998				
	2	1119	280	0	2496	0.448	1118	1448	0.6	0.8	2.662	A
	3	1587	397	1118	1929	0.822	1576	0	1.7	4.4	9.987	A
	4	1941	485	750	1709	1.136	1696	1943	6.7	68.0	88.180	F
2	1	432	108	1447	996	0.433	430	0	0.5	0.8	6.413	A
	2	1164	291	913	1314	0.886	1146	964	2.2	6.6	19.972	C
	3			1119				941				
	4	1448	362	0	2471	0.586	1447	1119	1.1	1.4	3.528	A

17:30 - 17:45

Junction	Arm	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Throughput (exit side) (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
1	1			1456				1004				
	2	1130	283	0	2496	0.453	1130	1456	0.8	0.8	2.687	A
	3	1587	397	1130	1920	0.826	1586	0	4.4	4.6	10.820	B
	4	1941	485	756	1705	1.138	1704	1960	68.0	127.3	210.717	F
2	1	432	108	1456	991	0.435	432	0	0.8	0.8	6.496	A
	2	1164	291	918	1311	0.888	1161	970	6.6	7.2	23.552	C
	3			1130				949				
	4	1456	364	0	2471	0.589	1456	1130	1.4	1.4	3.563	A

17:45 - 18:00

Junction	Arm	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Throughput (exit side) (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
1	1			1413				988				
	2	938	235	0	2496	0.376	939	1413	0.8	0.6	2.359	A
	3	1295	324	939	2063	0.628	1307	0	4.6	1.7	4.880	A
	4	1585	396	625	1790	0.885	1776	1621	127.3	79.6	210.278	F
2	1	352	88	1413	1016	0.347	353	0	0.8	0.5	5.497	A
	2	950	238	844	1354	0.702	969	923	7.2	2.5	9.918	A
	3			938				875				
	4	1413	353	0	2471	0.572	1413	938	1.4	1.4	3.421	A

18:00 - 18:15

Junction	Arm	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Throughput (exit side) (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
1	1			1266				888				
	2	778	194	0	2496	0.312	778	1266	0.6	0.5	2.139	A
	3	1085	271	778	2184	0.497	1088	0	1.7	1.0	3.325	A
	4	1327	332	519	1858	0.714	1635	1347	79.6	2.7	46.528	E
2	1	295	74	1267	1100	0.268	296	0	0.5	0.4	4.526	A
	2	796	199	742	1414	0.563	800	821	2.5	1.3	5.992	A
	3			778				764				
	4	1266	316	0	2471	0.512	1267	778	1.4	1.1	3.008	A

D13 - 2042 | Local Plan + Site 2 | AM

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Arm order	Junction Delay (s)	Junction LOS
1	untitled	Standard Roundabout	1, 2, 3, 4	105.70	F
2	untitled	Standard Roundabout	1, 2, 3, 4	180.49	F

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	139.41	F

Traffic Demand

Demand Set Details

ID	Year	Scenario	Time period	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)	Run automatically
D13	2042	Local Plan + Site 2	AM	ONE HOUR	07:45	09:15	15	✓

Linked Arm Data

Junction	Arm	Feeding Junction	Feeding Arm	Link Type	Flow source	Uniform flow (PCU/hr)	Flow multiplier (%)	Internal storage space (PCU)
1	2	2	4	Queue limited	Normal	0	100.00	33.00
2	4	1	2	Queue limited	Normal	0	100.00	33.00

Demand overview (Traffic)

Junction	Arm	Linked arm	Profile type	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
1	1					
	2	✓				
	3		ONE HOUR	✓	1120	100.000
	4		ONE HOUR	✓	1923	100.000
2	1		ONE HOUR	✓	302	100.000
	2		ONE HOUR	✓	1280	100.000
	3					
	4	✓				

Origin-Destination Data

Demand (PCU/hr)

Junction 2

	To				
From		1	2	3	4
	1	0	59	0	243
	2	0	0	613	667
	3	0	0	0	0
	4	0	672	942	0

Demand (PCU/hr)

Junction 1

	To				
		1	2	3	4
From	1	0	0	0	0
	2	179	0	0	729
	3	0	297	0	823
	4	581	1342	0	0

Vehicle Mix

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

Heavy Vehicle %

Junction 2

	To				
		1	2	3	4
From	1	0	1	0	1
	2	0	0	1	2
	3	0	0	0	0
	4	0	2	1	0

Heavy Vehicle %

Junction 1

	To				
		1	2	3	4
From	1	0	0	0	0
	2	2	0	0	2
	3	0	2	0	3
	4	2	1	0	0

Results

Results Summary for whole modelled period

Junction	Arm	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/hr)	Total Junction Arrivals (PCU)
1	1						
	2	0.34	2.24	0.5	A	808	1211
	3	0.58	4.15	1.4	A	1028	1542
	4	1.13	212.19	133.3	F	1765	2647
2	1	0.37	6.53	0.6	A	277	416
	2	1.24	446.83	148.6	F	1175	1762
	3						
	4	0.66	4.35	2.0	A	1502	2254

Main Results for each time segment

07:45 - 08:00

Junction	Arm	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Throughput (exit side) (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
1	1			1226				568				
	2	679	170	0	2496	0.272	677	1226	0.0	0.4	2.017	A
	3	843	211	677	2260	0.373	841	0	0.0	0.6	2.600	A
	4	1448	362	356	1964	0.737	1437	1162	0.0	2.8	6.785	A
2	1	227	57	1222	1126	0.202	226	0	0.0	0.3	4.039	A
	2	964	241	895	1324	0.728	953	553	0.0	2.6	9.602	A
	3			679				1169				
	4	1226	306	0	2471	0.496	1222	679	0.0	1.0	2.911	A

08:00 - 08:15

Junction	Arm	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Throughput (exit side) (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
1	1			1459				674				
	2	802	200	0	2496	0.321	801	1459	0.4	0.5	2.166	A
	3	1007	252	801	2167	0.465	1006	0	0.6	0.9	3.182	A
	4	1729	432	425	1920	0.901	1709	1383	2.8	7.8	15.951	C
2	1	271	68	1457	990	0.274	271	0	0.3	0.4	5.052	A
	2	1151	288	1069	1222	0.941	1120	660	2.6	10.2	29.652	D
	3			802				1387				
	4	1459	365	0	2471	0.590	1457	802	1.0	1.4	3.594	A

08:15 - 08:30

Junction	Arm	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Throughput (exit side) (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
1	1			1625				731				
	2	857	214	0	2496	0.343	857	1625	0.5	0.5	2.239	A
	3	1233	308	857	2125	0.580	1231	0	0.9	1.4	4.126	A
	4	2117	529	495	1874	1.130	1861	1592	7.8	71.9	85.600	F
2	1	333	83	1623	895	0.372	332	0	0.4	0.6	6.445	A
	2	1409	352	1214	1137	1.240	1132	741	10.2	79.4	152.786	F
	3			857				1490				
	4	1625	406	0	2471	0.657	1623	857	1.4	1.9	4.293	A

08:30 - 08:45

Junction	Arm	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Throughput (exit side) (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
1	1			1633				735				
	2	858	214	0	2496	0.344	858	1633	0.5	0.5	2.240	A
	3	1233	308	858	2125	0.580	1233	0	1.4	1.4	4.148	A
	4	2117	529	496	1873	1.130	1872	1595	71.9	133.3	202.330	F
2	1	333	83	1633	889	0.374	332	0	0.6	0.6	6.530	A
	2	1409	352	1221	1133	1.244	1133	745	79.4	148.6	365.561	F
	3			858				1496				
	4	1633	408	0	2471	0.661	1633	858	1.9	2.0	4.353	A

08:45 - 09:00

Junction	Arm	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Throughput (exit side) (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
1	1			1594				737				
	2	827	207	0	2496	0.331	827	1594	0.5	0.5	2.199	A
	3	1007	252	827	2148	0.469	1009	0	1.4	0.9	3.254	A
	4	1729	432	431	1916	0.902	1901	1405	133.3	90.1	212.191	F
2	1	271	68	1595	911	0.298	272	0	0.6	0.4	5.694	A
	2	1151	288	1150	1175	0.980	1167	717	148.6	144.6	446.831	F
	3			827				1490				
	4	1594	399	0	2471	0.645	1595	827	2.0	1.9	4.167	A

09:00 - 09:15

Junction	Arm	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Throughput (exit side) (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
1	1			1477				705				
	2	823	206	0	2496	0.330	823	1477	0.5	0.5	2.193	A
	3	843	211	823	2151	0.392	844	0	0.9	0.7	2.831	A
	4	1448	362	386	1945	0.745	1795	1281	90.1	3.2	66.480	F
2	1	227	57	1478	978	0.232	228	0	0.4	0.3	4.850	A
	2	964	241	1046	1236	0.780	1227	660	144.6	78.7	329.142	F
	3			823				1450				
	4	1477	369	0	2471	0.598	1478	823	1.9	1.5	3.679	A

D14 - 2042 | Local Plan + Site 2 | PM

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Arm order	Junction Delay (s)	Junction LOS
1	untitled	Standard Roundabout	1, 2, 3, 4	89.37	F
2	untitled	Standard Roundabout	1, 2, 3, 4	11.35	B

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	57.62	F

Traffic Demand

Demand Set Details

ID	Year	Scenario	Time period	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)	Run automatically
D14	2042	Local Plan + Site 2	PM	ONE HOUR	16:45	18:15	15	✓

Linked Arm Data

Junction	Arm	Feeding Junction	Feeding Arm	Link Type	Flow source	Uniform flow (PCU/hr)	Flow multiplier (%)	Internal storage space (PCU)
1	2	2	4	Queue limited	Normal	0	100.00	33.00
2	4	1	2	Queue limited	Normal	0	100.00	33.00

Demand overview (Traffic)

Junction	Arm	Linked arm	Profile type	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
1	1					
	2	✓				
	3		ONE HOUR	✓	1415	100.000
	4		ONE HOUR	✓	1756	100.000
2	1		ONE HOUR	✓	400	100.000
	2		ONE HOUR	✓	1066	100.000
	3					
	4	✓				

Origin-Destination Data

Demand (PCU/hr)

Junction 2

	To				
From		1	2	3	4
	1	0	113	0	287
	2	0	0	312	754
	3	0	0	0	0
	4	0	847	582	0

Demand (PCU/hr)

Junction 1

	To				
		1	2	3	4
From	1	0	0	0	0
	2	251	0	0	788
	3	0	435	0	980
	4	766	990	0	0

Vehicle Mix

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

Heavy Vehicle %

Junction 2

	To				
		1	2	3	4
From	1	0	1	0	1
	2	0	0	0	2
	3	0	0	0	0
	4	0	1	0	0

Heavy Vehicle %

Junction 1

	To				
		1	2	3	4
From	1	0	0	0	0
	2	2	0	0	2
	3	0	1	0	1
	4	2	1	0	0

Results

Results Summary for whole modelled period

Junction	Arm	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/hr)	Total Junction Arrivals (PCU)
1	1						
	2	0.46	2.72	0.9	A	954	1432
	3	0.82	10.28	4.3	B	1298	1948
	4	1.13	204.44	123.3	F	1611	2417
2	1	0.44	6.49	0.8	A	367	551
	2	0.89	23.66	7.3	C	978	1467
	3						
	4	0.58	3.51	1.4	A	1306	1960

Main Results for each time segment

16:45 - 17:00

Junction	Arm	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Throughput (exit side) (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
1	1			1066				760				
	2	779	195	0	2496	0.312	778	1066	0.0	0.5	2.135	A
	3	1065	266	778	2185	0.488	1061	0	0.0	1.0	3.226	A
	4	1322	331	514	1862	0.710	1312	1325	0.0	2.4	6.538	A
2	1	301	75	1063	1217	0.247	300	0	0.0	0.3	3.959	A
	2	803	201	648	1469	0.546	798	715	0.0	1.2	5.399	A
	3			779				666				
	4	1066	267	0	2471	0.431	1063	779	0.0	0.8	2.566	A

17:00 - 17:15

Junction	Arm	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Throughput (exit side) (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
1	1			1271				907				
	2	933	233	0	2496	0.374	932	1271	0.5	0.6	2.348	A
	3	1272	318	932	2069	0.615	1270	0	1.0	1.6	4.535	A
	4	1579	395	615	1796	0.879	1562	1586	2.4	6.5	14.685	B
2	1	360	90	1270	1098	0.328	359	0	0.3	0.5	4.916	A
	2	958	240	775	1395	0.687	954	854	1.2	2.2	8.218	A
	3			933				797				
	4	1271	318	0	2471	0.514	1270	933	0.8	1.1	3.011	A

17:15 - 17:30

Junction	Arm	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Throughput (exit side) (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
1	1			1432				1013				
	2	1133	283	0	2496	0.454	1132	1432	0.6	0.8	2.690	A
	3	1558	389	1132	1919	0.812	1548	0	1.6	4.1	9.555	A
	4	1933	483	749	1710	1.131	1695	1930	6.5	66.0	85.914	F
2	1	440	110	1430	1006	0.438	439	0	0.5	0.8	6.406	A
	2	1174	293	898	1323	0.887	1156	972	2.2	6.7	20.020	C
	3			1133				921				
	4	1432	358	0	2471	0.579	1430	1133	1.1	1.4	3.473	A

17:30 - 17:45

Junction	Arm	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Throughput (exit side) (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
1	1			1440				1020				
	2	1144	286	0	2496	0.458	1144	1440	0.8	0.9	2.715	A
	3	1558	389	1144	1909	0.816	1557	0	4.1	4.3	10.283	B
	4	1933	483	755	1706	1.133	1704	1946	66.0	123.3	204.439	F
2	1	440	110	1439	1001	0.440	440	0	0.8	0.8	6.490	A
	2	1174	293	902	1320	0.889	1171	978	6.7	7.3	23.659	C
	3			1144				929				
	4	1440	360	0	2471	0.582	1439	1144	1.4	1.4	3.508	A

17:45 - 18:00

Junction	Arm	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Throughput (exit side) (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
1	1			1396				1004				
	2	950	238	0	2496	0.381	951	1396	0.9	0.6	2.379	A
	3	1272	318	951	2054	0.619	1283	0	4.3	1.7	4.776	A
	4	1579	395	624	1791	0.882	1776	1610	123.3	73.9	200.616	F
2	1	360	90	1396	1026	0.351	361	0	0.8	0.6	5.477	A
	2	958	240	827	1364	0.703	978	929	7.3	2.5	9.886	A
	3			950				855				
	4	1396	349	0	2471	0.565	1396	950	1.4	1.3	3.367	A

18:00 - 18:15

Junction	Arm	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Throughput (exit side) (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
1	1			1234				891				
	2	787	197	0	2496	0.315	788	1234	0.6	0.5	2.150	A
	3	1065	266	788	2177	0.489	1068	0	1.7	1.0	3.288	A
	4	1322	331	519	1859	0.711	1607	1337	73.9	2.6	38.282	E
2	1	301	75	1236	1118	0.269	302	0	0.6	0.4	4.460	A
	2	803	201	720	1427	0.562	807	818	2.5	1.3	5.934	A
	3			787				739				
	4	1234	309	0	2471	0.499	1236	787	1.3	1.0	2.932	A

D15 - 2042 | Local Plan + Site 1 + Site 2 | AM

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Arm order	Junction Delay (s)	Junction LOS
1	untitled	Standard Roundabout	1, 2, 3, 4	102.29	F
2	untitled	Standard Roundabout	1, 2, 3, 4	199.63	F

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	146.36	F

Traffic Demand

Demand Set Details

ID	Year	Scenario	Time period	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)	Run automatically
D15	2042	Local Plan + Site 1 + Site 2	AM	ONE HOUR	07:45	09:15	15	✓

Linked Arm Data

Junction	Arm	Feeding Junction	Feeding Arm	Link Type	Flow source	Uniform flow (PCU/hr)	Flow multiplier (%)	Internal storage space (PCU)
1	2	2	4	Queue limited	Normal	0	100.00	33.00
2	4	1	2	Queue limited	Normal	0	100.00	33.00

Demand overview (Traffic)

Junction	Arm	Linked arm	Profile type	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
1	1					
	2	✓				
	3		ONE HOUR	✓	1116	100.000
	4		ONE HOUR	✓	1913	100.000
2	1		ONE HOUR	✓	301	100.000
	2		ONE HOUR	✓	1306	100.000
	3					
	4	✓				

Origin-Destination Data

Demand (PCU/hr)

Junction 2

	To				
From		1	2	3	4
	1	0	55	0	246
	2	0	0	625	681
	3	0	0	0	0
	4	0	684	928	0

Demand (PCU/hr)

Junction 1

	To				
		1	2	3	4
From	1	0	0	0	0
	2	177	0	0	750
	3	0	308	0	808
	4	585	1328	0	0

Vehicle Mix

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

Heavy Vehicle %

Junction 2

	To				
		1	2	3	4
From	1	0	1	0	1
	2	0	0	0	2
	3	0	0	0	0
	4	0	2	1	0

Heavy Vehicle %

Junction 1

	To				
		1	2	3	4
From	1	0	0	0	0
	2	2	0	0	2
	3	0	2	0	3
	4	2	1	0	0

Results

Results Summary for whole modelled period

Junction	Arm	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/hr)	Total Junction Arrivals (PCU)
1	1						
	2	0.35	2.25	0.5	A	817	1225
	3	0.58	4.15	1.4	A	1024	1536
	4	1.13	206.07	130.4	F	1755	2633
2	1	0.37	6.53	0.6	A	276	414
	2	1.26	488.50	161.5	F	1198	1798
	3						
	4	0.66	4.36	2.0	A	1500	2249

Main Results for each time segment

07:45 - 08:00

Junction	Arm	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Throughput (exit side) (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
1	1			1223				569				
	2	691	173	0	2496	0.277	690	1223	0.0	0.4	2.030	A
	3	840	210	690	2251	0.373	838	0	0.0	0.6	2.612	A
	4	1440	360	363	1959	0.735	1429	1165	0.0	2.7	6.747	A
2	1	227	57	1219	1127	0.201	226	0	0.0	0.3	4.030	A
	2	983	246	886	1329	0.740	972	559	0.0	2.8	9.904	A
	3			691				1167				
	4	1223	306	0	2471	0.495	1219	691	0.0	1.0	2.898	A

08:00 - 08:15

Junction	Arm	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Throughput (exit side) (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
1	1			1457				675				
	2	815	204	0	2496	0.326	814	1457	0.4	0.5	2.183	A
	3	1003	251	814	2157	0.465	1002	0	0.6	0.9	3.198	A
	4	1720	430	432	1915	0.898	1700	1384	2.7	7.6	15.721	C
2	1	271	68	1455	992	0.273	270	0	0.3	0.4	5.036	A
	2	1174	294	1058	1228	0.956	1139	667	2.8	11.6	32.333	D
	3			815				1383				
	4	1457	364	0	2471	0.589	1455	815	1.0	1.4	3.586	A

08:15 - 08:30

Junction	Arm	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Throughput (exit side) (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
1	1			1626				732				
	2	864	216	0	2496	0.346	864	1626	0.5	0.5	2.248	A
	3	1229	307	864	2120	0.580	1227	0	0.9	1.4	4.129	A
	4	2106	527	503	1869	1.127	1855	1587	7.6	70.4	84.296	F
2	1	331	83	1624	894	0.371	331	0	0.4	0.6	6.441	A
	2	1438	359	1205	1142	1.259	1138	750	11.6	86.4	164.923	F
	3			864				1480				
	4	1626	407	0	2471	0.658	1624	864	1.4	1.9	4.300	A

08:30 - 08:45

Junction	Arm	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Throughput (exit side) (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
1	1			1635				736				
	2	864	216	0	2496	0.346	864	1635	0.5	0.5	2.249	A
	3	1229	307	864	2120	0.580	1229	0	1.4	1.4	4.149	A
	4	2106	527	504	1868	1.127	1867	1589	70.4	130.4	198.709	F
2	1	331	83	1635	888	0.373	331	0	0.6	0.6	6.528	A
	2	1438	359	1212	1138	1.263	1138	754	86.4	161.4	394.415	F
	3			864				1486				
	4	1635	409	0	2471	0.662	1635	864	1.9	2.0	4.362	A

08:45 - 09:00

Junction	Arm	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Throughput (exit side) (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
1	1			1594				739				
	2	834	208	0	2496	0.334	834	1594	0.5	0.5	2.210	A
	3	1003	251	834	2143	0.468	1005	0	1.4	0.9	3.256	A
	4	1720	430	437	1912	0.900	1897	1403	130.4	86.0	206.071	F
2	1	271	68	1595	911	0.297	271	0	0.6	0.4	5.686	A
	2	1174	294	1140	1181	0.994	1174	726	161.4	161.5	488.498	F
	3			834				1480				
	4	1594	399	0	2471	0.645	1595	834	2.0	1.9	4.168	A

09:00 - 09:15

Junction	Arm	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Throughput (exit side) (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
1	1			1462				701				
	2	831	208	0	2496	0.333	831	1462	0.5	0.5	2.205	A
	3	840	210	831	2145	0.392	841	0	0.9	0.7	2.841	A
	4	1440	360	391	1941	0.742	1772	1282	86.0	3.1	59.446	F
2	1	227	57	1464	987	0.230	227	0	0.4	0.3	4.791	A
	2	983	246	1028	1246	0.789	1238	663	161.5	97.7	377.914	F
	3			831				1435				
	4	1462	366	0	2471	0.592	1464	831	1.9	1.5	3.627	A

D16 - 2042 | Local Plan + Site 1 + Site 2 | PM

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Arm order	Junction Delay (s)	Junction LOS
1	untitled	Standard Roundabout	1, 2, 3, 4	86.01	F
2	untitled	Standard Roundabout	1, 2, 3, 4	11.94	B

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	55.80	F

Traffic Demand

Demand Set Details

ID	Year	Scenario	Time period	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)	Run automatically
D16	2042	Local Plan + Site 1 + Site 2	PM	ONE HOUR	16:45	18:15	15	✓

Linked Arm Data

Junction	Arm	Feeding Junction	Feeding Arm	Link Type	Flow source	Uniform flow (PCU/hr)	Flow multiplier (%)	Internal storage space (PCU)
1	2	2	4	Queue limited	Normal	0	100.00	33.00
2	4	1	2	Queue limited	Normal	0	100.00	33.00

Demand overview (Traffic)

Junction	Arm	Linked arm	Profile type	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
1	1					
	2	✓				
	3		ONE HOUR	✓	1439	100.000
	4		ONE HOUR	✓	1739	100.000
2	1		ONE HOUR	✓	397	100.000
	2		ONE HOUR	✓	1081	100.000
	3					
	4	✓				

Origin-Destination Data

Demand (PCU/hr)

Junction 2

	To				
From		1	2	3	4
	1	0	112	0	285
	2	0	0	324	757
	3	0	0	0	0
	4	0	865	571	0

Demand (PCU/hr)

Junction 1

	To				
From		1	2	3	4
	1	0	0	0	0
	2	250	0	0	791
	3	0	449	0	990
	4	758	981	0	0

Vehicle Mix

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

Heavy Vehicle %

Junction 2

	To				
From		1	2	3	4
	1	0	1	0	1
	2	0	0	0	2
	3	0	0	0	0
	4	0	1	0	0

Heavy Vehicle %

Junction 1

	To				
From		1	2	3	4
	1	0	0	0	0
	2	2	0	0	2
	3	0	1	0	1
	4	2	1	0	0

Results

Results Summary for whole modelled period

Junction	Arm	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/hr)	Total Junction Arrivals (PCU)
1	1						
	2	0.46	2.72	0.9	A	955	1433
	3	0.83	11.12	4.7	B	1320	1981
	4	1.13	197.85	118.3	F	1596	2394
2	1	0.44	6.52	0.8	A	364	546
	2	0.90	25.03	7.8	D	992	1488
	3						
	4	0.59	3.55	1.4	A	1311	1967

Main Results for each time segment

16:45 - 17:00

Junction	Arm	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Throughput (exit side) (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
1	1			1070				753				
	2	780	195	0	2496	0.313	778	1070	0.0	0.5	2.135	A
	3	1083	271	778	2184	0.496	1079	0	0.0	1.0	3.278	A
	4	1309	327	524	1856	0.706	1300	1334	0.0	2.4	6.464	A
2	1	299	75	1067	1215	0.246	298	0	0.0	0.3	3.959	A
	2	814	203	638	1475	0.552	809	727	0.0	1.2	5.439	A
	3			780				667				
	4	1070	267	0	2471	0.433	1067	780	0.0	0.8	2.573	A

17:00 - 17:15

Junction	Arm	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Throughput (exit side) (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
1	1			1276				899				
	2	934	233	0	2496	0.374	933	1276	0.5	0.6	2.349	A
	3	1294	323	933	2068	0.626	1291	0	1.0	1.7	4.663	A
	4	1563	391	627	1789	0.874	1548	1597	2.4	6.3	14.307	B
2	1	357	89	1275	1095	0.326	356	0	0.3	0.5	4.916	A
	2	972	243	763	1402	0.693	968	868	1.2	2.2	8.332	A
	3			934				797				
	4	1276	319	0	2471	0.516	1275	934	0.8	1.1	3.023	A

17:15 - 17:30

Junction	Arm	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Throughput (exit side) (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
1	1			1442				1007				
	2	1133	283	0	2496	0.454	1132	1442	0.6	0.8	2.690	A
	3	1584	396	1132	1918	0.826	1573	0	1.7	4.5	10.210	B
	4	1915	479	763	1701	1.126	1686	1942	6.3	63.5	83.517	F
2	1	437	109	1441	1000	0.437	436	0	0.5	0.8	6.434	A
	2	1190	298	886	1330	0.895	1171	991	2.2	7.1	20.844	C
	3			1133				924				
	4	1442	360	0	2471	0.583	1441	1133	1.1	1.4	3.508	A

17:30 - 17:45

Junction	Arm	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Throughput (exit side) (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
1	1			1450				1014				
	2	1145	286	0	2496	0.459	1145	1450	0.8	0.9	2.717	A
	3	1584	396	1145	1908	0.830	1583	0	4.5	4.7	11.117	B
	4	1915	479	769	1697	1.128	1695	1959	63.5	118.3	197.846	F
2	1	437	109	1450	994	0.440	437	0	0.8	0.8	6.524	A
	2	1190	298	890	1327	0.897	1187	997	7.1	7.8	25.025	D
	3			1145				933				
	4	1450	363	0	2471	0.587	1450	1145	1.4	1.4	3.545	A

17:45 - 18:00

Junction	Arm	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Throughput (exit side) (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
1	1			1404				999				
	2	952	238	0	2496	0.381	953	1404	0.9	0.6	2.380	A
	3	1294	323	953	2053	0.630	1306	0	4.7	1.7	4.940	A
	4	1563	391	636	1783	0.877	1768	1622	118.3	67.3	190.048	F
2	1	357	89	1405	1020	0.350	358	0	0.8	0.5	5.495	A
	2	972	243	815	1371	0.709	993	947	7.8	2.6	10.152	B
	3			952				856				
	4	1404	351	0	2471	0.568	1405	952	1.4	1.3	3.398	A

18:00 - 18:15

Junction	Arm	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Circulating flow (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Throughput (exit side) (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
1	1			1224				873				
	2	788	197	0	2496	0.316	789	1224	0.6	0.5	2.153	A
	3	1083	271	789	2176	0.498	1086	0	1.7	1.0	3.346	A
	4	1309	327	528	1852	0.707	1568	1347	67.3	2.6	30.173	D
2	1	299	75	1225	1124	0.266	300	0	0.5	0.4	4.416	A
	2	814	203	702	1437	0.566	819	822	2.6	1.3	5.946	A
	3			788				732				
	4	1224	306	0	2471	0.495	1225	788	1.3	1.0	2.907	A

Junctions 11

PICADY 11 - Priority Intersection Module

Version: 11.1.1.2424
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Filename: Junction 8 - Camer Road_Norwood Lane.j11
Path: C:\Users\MatthewJohnson\Hub Transport Planning Ltd\Hub Transport Planning - General\Projects\T25526 Longfield Road, Meopham\Modelling\Picady
Report generation date: 20/04/2026 11:30:24

- »D1 - 2032 | Reference Case | AM
- »D2 - 2032 | Reference Case | PM
- »D5 - 2032 | Reference Case + Site 2 | AM
- »D6 - 2032 | Reference Case + Site 2 | PM
- »D7 - 2032 | Reference Case + Site 1 + Site 2 | AM
- »D8 - 2032 | Reference Case + Site 1 + Site 2 | PM

Summary of junction performance

	AM				PM			
	Set ID	Queue (PCU)	Delay (s)	RFC	Set ID	Queue (PCU)	Delay (s)	RFC
	2032 - Reference Case							
Stream B-AC	D1	0.0	6.58	0.03	D2	0.0	7.13	0.05
Stream C-AB		0.3	4.93	0.12		0.1	5.59	0.06
	2032 - Reference Case + Site 2							
Stream B-AC	D5	0.0	6.59	0.03	D6	0.0	7.14	0.05
Stream C-AB		0.3	4.92	0.12		0.1	5.58	0.06
	2032 - Reference Case + Site 1 + Site 2							
Stream B-AC	D7	0.0	6.71	0.03	D8	0.0	7.19	0.05
Stream C-AB		0.3	4.92	0.13		0.1	5.44	0.06

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

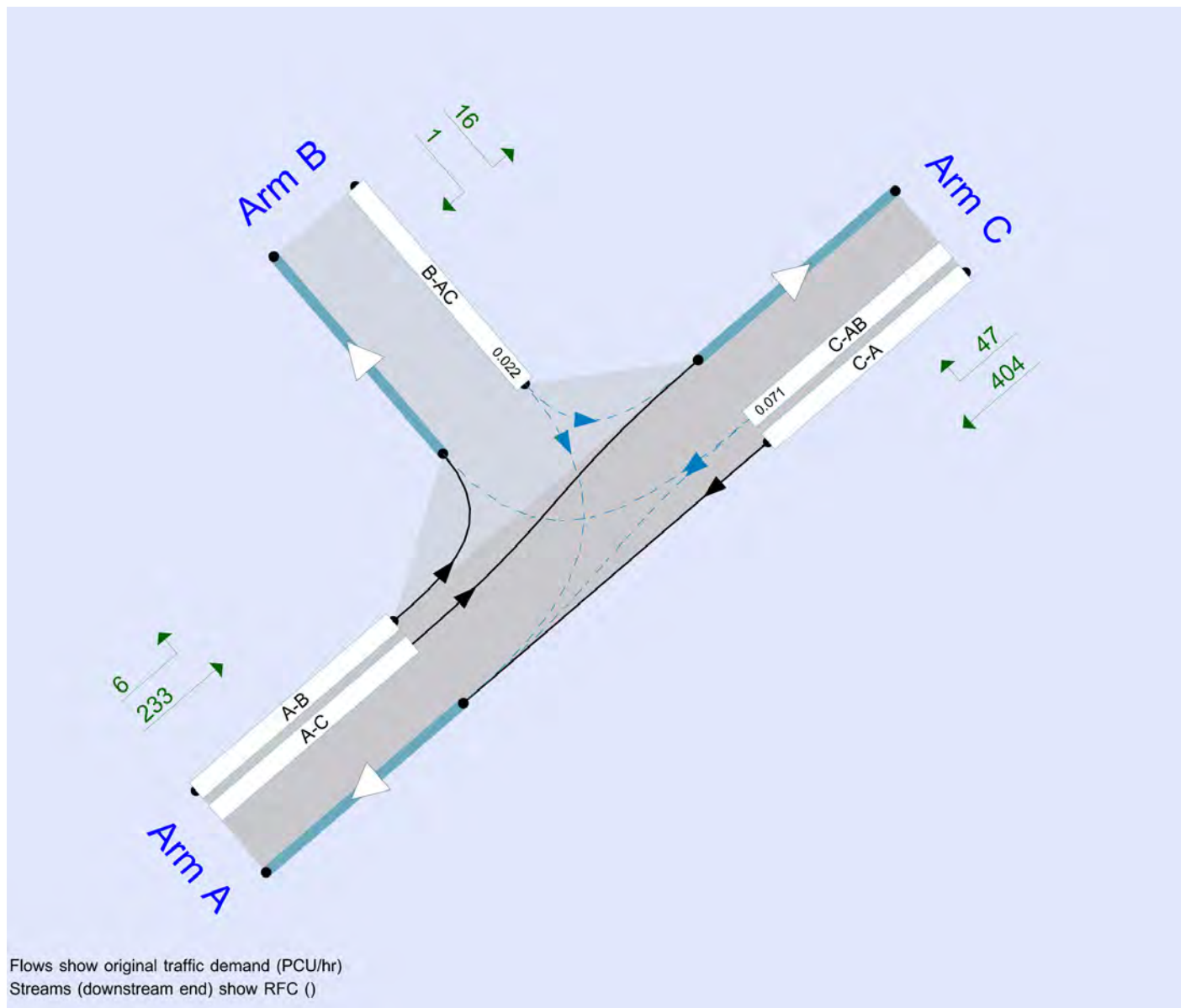
File summary

File Description

Title	
Location	Camer Road/Norwood Lane
Site number	8
Date	08/04/2026
Version	
Status	(new file)
Identifier	MJ
Client	Richborough
Jobnumber	T25512
Enumerator	AzureAD\MatthewJohnson
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	PCU	PCU	perHour	s	-Min	perMin



The junction diagram reflects the last run of Junctions.

Analysis Options

PICADY short flare model	Vehicle length (m)	Calculate Queue Percentiles	Calculate detailed queueing delay	Show lane queues in feet / metres	Show all PICADY stream intercepts	Calculate residual capacity	RFC Threshold	Average Delay threshold (s)	Queue threshold (PCU)	Use simulation for HCM roundabouts	Use iterations for HCM roundabouts
JUNCTIONS 11.1	5.75						0.85	36.00	20.00		

Demand Set Summary

ID	Year	Scenario	Time period	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)	Run automatically
D1	2032	Reference Case	AM	ONE HOUR	07:45	09:15	15	✓
D2	2032	Reference Case	PM	ONE HOUR	16:45	18:15	15	✓
D3	2032	Reference Case + Site 1	AM	ONE HOUR	07:45	09:15	15	✓
D4	2032	Reference Case + Site 1	PM	ONE HOUR	16:45	18:15	15	✓
D5	2032	Reference Case + Site 2	AM	ONE HOUR	07:45	09:15	15	✓
D6	2032	Reference Case + Site 2	PM	ONE HOUR	16:45	18:15	15	✓
D7	2032	Reference Case + Site 1 + Site 2	AM	ONE HOUR	07:45	09:15	15	✓
D8	2032	Reference Case + Site 1 + Site 2	PM	ONE HOUR	16:45	18:15	15	✓

Analysis Set Details

ID	Include in report	Use specific Demand Set(s)	Specific Demand Set(s)	Network flow scaling factor (%)	Network capacity scaling factor (%)
A1	✓	✓	D1,D2,D5,D6,D7,D8	100.000	100.000

D1 - 2032 | Reference Case | AM

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Arm A Direction	Arm B Direction	Arm C Direction	Junction Delay (s)	Junction LOS
1	untitled	T-Junction	Two-way	Two-way	Two-way	0.76	A

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	0.76	A

Arms

Arms

Arm	Name	Description	Arm type
A	Camer Road W		Major
B	Norwood Lane		Minor
C	Camer Road E		Major

Major Arm Geometry

Arm	Width of carriageway (m)	Has kerbed central reserve	Has right-turn storage	Visibility for right turn (m)	Blocks?	Blocking queue (PCU)
C	6.85			123.6	✓	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	3.34	21	16

Slope / Intercept / Capacity

Priority Intersection Slopes and Intercepts

Stream	Intercept (PCU/hr)	Slope for A-B	Slope for A-C	Slope for C-A	Slope for C-B
B-A	509	0.087	0.221	0.139	0.316
B-C	655	0.099	0.250	-	-
C-B	646	0.241	0.241	-	-

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	Year	Scenario	Time period	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)	Run automatically
D1	2032	Reference Case	AM	ONE HOUR	07:45	09:15	15	✓

Demand overview (Traffic)

Arm	Linked arm	Profile type	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
A		ONE HOUR	✓	239	100.000
B		ONE HOUR	✓	17	100.000
C		ONE HOUR	✓	451	100.000

Origin-Destination Data

Demand (PCU/hr)

	To			
From		A	B	C
	A	0	6	233
	B	1	0	16
	C	404	47	0

Vehicle Mix

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

Heavy Vehicle %

	To			
From		A	B	C
	A	0	1	2
	B	0	0	1
	C	4	1	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/hr)	Total Junction Arrivals (PCU)
B-AC	0.03	6.58	0.0	A	16	23
C-AB	0.12	4.93	0.3	A	79	118
C-A					335	502
A-B					6	8
A-C					214	321

Main Results for each time segment

07:45 - 08:00

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	13	3	0.00	595	0.022	13	0.0	0.0	6.242	A
C-AB	57	14	0.00	805	0.071	56	0.0	0.1	4.912	A
C-A	283	71	0.00			283				
A-B	5	1	0.00			5				
A-C	175	44	0.00			175				

08:00 - 08:15

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	15	4	0.00	585	0.026	15	0.0	0.0	6.378	A
C-AB	75	19	0.00	837	0.089	75	0.1	0.2	4.828	A
C-A	331	83	0.00			331				
A-B	5	1	0.00			5				
A-C	209	52	0.00			209				

08:15 - 08:30

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	19	5	0.00	571	0.033	19	0.0	0.0	6.576	A
C-AB	105	26	0.00	883	0.119	104	0.2	0.3	4.737	A
C-A	392	98	0.00			392				
A-B	7	2	0.00			7				
A-C	257	64	0.00			257				

08:30 - 08:45

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	19	5	0.00	571	0.033	19	0.0	0.0	6.577	A
C-AB	105	26	0.00	883	0.119	105	0.3	0.3	4.746	A
C-A	392	98	0.00			392				
A-B	7	2	0.00			7				
A-C	257	64	0.00			257				

08:45 - 09:00

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	15	4	0.00	585	0.026	15	0.0	0.0	6.381	A
C-AB	75	19	0.00	838	0.090	75	0.3	0.2	4.843	A
C-A	330	83	0.00			330				
A-B	5	1	0.00			5				
A-C	209	52	0.00			209				

09:00 - 09:15

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	13	3	0.00	595	0.022	13	0.0	0.0	6.246	A
C-AB	57	14	0.00	805	0.071	57	0.2	0.1	4.927	A
C-A	282	71	0.00			282				
A-B	5	1	0.00			5				
A-C	175	44	0.00			175				

D2 - 2032 | Reference Case | PM

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Arm A Direction	Arm B Direction	Arm C Direction	Junction Delay (s)	Junction LOS
1	untitled	T-Junction	Two-way	Two-way	Two-way	0.54	A

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	0.54	A

Traffic Demand

Demand Set Details

ID	Year	Scenario	Time period	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)	Run automatically
D2	2032	Reference Case	PM	ONE HOUR	16:45	18:15	15	✓

Demand overview (Traffic)

Arm	Linked arm	Profile type	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
A		ONE HOUR	✓	402	100.000
B		ONE HOUR	✓	22	100.000
C		ONE HOUR	✓	250	100.000

Origin-Destination Data

Demand (PCU/hr)

	To			
		A	B	C
	A	0	3	399
	B	1	0	21
	C	224	26	0

Vehicle Mix

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

Heavy Vehicle %

	To			
		A	B	C
	A	0	8	4
	B	0	0	1
	C	2	3	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/hr)	Total Junction Arrivals (PCU)
B-AC	0.05	7.13	0.0	A	20	30
C-AB	0.06	5.59	0.1	A	34	51
C-A					195	293
A-B					3	4
A-C					366	549

Main Results for each time segment

16:45 - 17:00

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	17	4	0.00	570	0.029	16	0.0	0.0	6.566	A
C-AB	26	6	0.00	688	0.038	26	0.0	0.1	5.587	A
C-A	162	41	0.00			162				
A-B	2	0.56	0.00			2				
A-C	300	75	0.00			300				

17:00 - 17:15

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	20	5	0.00	555	0.036	20	0.0	0.0	6.793	A
C-AB	33	8	0.00	697	0.047	33	0.1	0.1	5.567	A
C-A	192	48	0.00			192				
A-B	3	0.67	0.00			3				
A-C	359	90	0.00			359				

17:15 - 17:30

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	24	6	0.00	534	0.045	24	0.0	0.0	7.131	A
C-AB	44	11	0.00	712	0.062	44	0.1	0.1	5.534	A
C-A	231	58	0.00			231				
A-B	3	0.83	0.00			3				
A-C	439	110	0.00			439				

17:30 - 17:45

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	24	6	0.00	534	0.045	24	0.0	0.0	7.131	A
C-AB	44	11	0.00	712	0.062	44	0.1	0.1	5.534	A
C-A	231	58	0.00			231				
A-B	3	0.83	0.00			3				
A-C	439	110	0.00			439				

17:45 - 18:00

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	20	5	0.00	555	0.036	20	0.0	0.0	6.797	A
C-AB	33	8	0.00	697	0.047	33	0.1	0.1	5.567	A
C-A	192	48	0.00			192				
A-B	3	0.67	0.00			3				
A-C	359	90	0.00			359				

18:00 - 18:15

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	17	4	0.00	570	0.029	17	0.0	0.0	6.570	A
C-AB	26	7	0.00	688	0.038	26	0.1	0.1	5.590	A
C-A	162	41	0.00			162				
A-B	2	0.56	0.00			2				
A-C	300	75	0.00			300				

D5 - 2032 | Reference Case + Site 2 | AM

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Arm A Direction	Arm B Direction	Arm C Direction	Junction Delay (s)	Junction LOS
1	untitled	T-Junction	Two-way	Two-way	Two-way	0.75	A

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	0.75	A

Traffic Demand

Demand Set Details

ID	Year	Scenario	Time period	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)	Run automatically
D5	2032	Reference Case + Site 2	AM	ONE HOUR	07:45	09:15	15	✓

Demand overview (Traffic)

Arm	Linked arm	Profile type	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
A		ONE HOUR	✓	243	100.000
B		ONE HOUR	✓	17	100.000
C		ONE HOUR	✓	455	100.000

Origin-Destination Data

Demand (PCU/hr)

	To			
From		A	B	C
	A	0	6	237
	B	1	0	16
	C	408	47	0

Vehicle Mix

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

Heavy Vehicle %

	To			
From		A	B	C
	A	0	1	2
	B	0	0	1
	C	4	1	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/hr)	Total Junction Arrivals (PCU)
B-AC	0.03	6.59	0.0	A	16	23
C-AB	0.12	4.92	0.3	A	79	119
C-A					338	507
A-B					6	8
A-C					217	326

Main Results for each time segment

07:45 - 08:00

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	13	3	0.00	594	0.022	13	0.0	0.0	6.251	A
C-AB	57	14	0.00	806	0.071	57	0.0	0.1	4.905	A
C-A	285	71	0.00			285				
A-B	5	1	0.00			5				
A-C	178	45	0.00			178				

08:00 - 08:15

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	15	4	0.00	584	0.026	15	0.0	0.0	6.389	A
C-AB	75	19	0.00	839	0.090	75	0.1	0.2	4.819	A
C-A	334	83	0.00			334				
A-B	5	1	0.00			5				
A-C	213	53	0.00			213				

08:15 - 08:30

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	19	5	0.00	570	0.033	19	0.0	0.0	6.591	A
C-AB	105	26	0.00	886	0.119	105	0.2	0.3	4.727	A
C-A	395	99	0.00			395				
A-B	7	2	0.00			7				
A-C	261	65	0.00			261				

08:30 - 08:45

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	19	5	0.00	570	0.033	19	0.0	0.0	6.591	A
C-AB	106	26	0.00	886	0.119	106	0.3	0.3	4.738	A
C-A	395	99	0.00			395				
A-B	7	2	0.00			7				
A-C	261	65	0.00			261				

08:45 - 09:00

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	15	4	0.00	584	0.026	15	0.0	0.0	6.392	A
C-AB	76	19	0.00	839	0.090	76	0.3	0.2	4.836	A
C-A	334	83	0.00			334				
A-B	5	1	0.00			5				
A-C	213	53	0.00			213				

09:00 - 09:15

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	13	3	0.00	594	0.022	13	0.0	0.0	6.254	A
C-AB	57	14	0.00	806	0.071	58	0.2	0.1	4.922	A
C-A	285	71	0.00			285				
A-B	5	1	0.00			5				
A-C	178	45	0.00			178				

D6 - 2032 | Reference Case + Site 2 | PM

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Arm A Direction	Arm B Direction	Arm C Direction	Junction Delay (s)	Junction LOS
1	untitled	T-Junction	Two-way	Two-way	Two-way	0.54	A

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	0.54	A

Traffic Demand

Demand Set Details

ID	Year	Scenario	Time period	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)	Run automatically
D6	2032	Reference Case + Site 2	PM	ONE HOUR	16:45	18:15	15	✓

Demand overview (Traffic)

Arm	Linked arm	Profile type	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
A		ONE HOUR	✓	404	100.000
B		ONE HOUR	✓	22	100.000
C		ONE HOUR	✓	252	100.000

Origin-Destination Data

Demand (PCU/hr)

	To			
		A	B	C
	A	0	3	401
	B	1	0	21
	C	226	26	0

Vehicle Mix

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

Heavy Vehicle %

	To			
		A	B	C
	A	0	7	4
	B	0	0	1
	C	2	3	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/hr)	Total Junction Arrivals (PCU)
B-AC	0.05	7.14	0.0	A	20	30
C-AB	0.06	5.58	0.1	A	34	52
C-A					197	295
A-B					3	4
A-C					368	552

Main Results for each time segment

16:45 - 17:00

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	17	4	0.00	569	0.029	16	0.0	0.0	6.571	A
C-AB	26	7	0.00	688	0.038	26	0.0	0.1	5.582	A
C-A	164	41	0.00			164				
A-B	2	0.56	0.00			2				
A-C	302	75	0.00			302				

17:00 - 17:15

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	20	5	0.00	554	0.036	20	0.0	0.0	6.799	A
C-AB	33	8	0.00	698	0.047	33	0.1	0.1	5.558	A
C-A	194	48	0.00			194				
A-B	3	0.67	0.00			3				
A-C	360	90	0.00			360				

17:15 - 17:30

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	24	6	0.00	533	0.045	24	0.0	0.0	7.139	A
C-AB	44	11	0.00	713	0.062	44	0.1	0.1	5.526	A
C-A	233	58	0.00			233				
A-B	3	0.83	0.00			3				
A-C	442	110	0.00			442				

17:30 - 17:45

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	24	6	0.00	533	0.045	24	0.0	0.0	7.139	A
C-AB	44	11	0.00	713	0.062	44	0.1	0.1	5.529	A
C-A	233	58	0.00			233				
A-B	3	0.83	0.00			3				
A-C	442	110	0.00			442				

17:45 - 18:00

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	20	5	0.00	554	0.036	20	0.0	0.0	6.801	A
C-AB	33	8	0.00	698	0.047	33	0.1	0.1	5.560	A
C-A	193	48	0.00			193				
A-B	3	0.67	0.00			3				
A-C	360	90	0.00			360				

18:00 - 18:15

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	17	4	0.00	569	0.029	17	0.0	0.0	6.574	A
C-AB	26	7	0.00	688	0.038	26	0.1	0.1	5.585	A
C-A	164	41	0.00			164				
A-B	2	0.56	0.00			2				
A-C	302	75	0.00			302				

D7 - 2032 | Reference Case + Site 1 + Site 2 | AM

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Arm A Direction	Arm B Direction	Arm C Direction	Junction Delay (s)	Junction LOS
1	untitled	T-Junction	Two-way	Two-way	Two-way	0.73	A

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	0.73	A

Traffic Demand

Demand Set Details

ID	Year	Scenario	Time period	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)	Run automatically
D7	2032	Reference Case + Site 1 + Site 2	AM	ONE HOUR	07:45	09:15	15	✓

Demand overview (Traffic)

Arm	Linked arm	Profile type	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
A		ONE HOUR	✓	277	100.000
B		ONE HOUR	✓	17	100.000
C		ONE HOUR	✓	471	100.000

Origin-Destination Data

Demand (PCU/hr)

	To			
From		A	B	C
	A	0	6	271
	B	1	0	16
	C	423	48	0

Vehicle Mix

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

Heavy Vehicle %

	To			
From		A	B	C
	A	0	1	2
	B	0	0	1
	C	4	1	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/hr)	Total Junction Arrivals (PCU)
B-AC	0.03	6.71	0.0	A	16	23
C-AB	0.13	4.92	0.3	A	83	125
C-A					349	523
A-B					6	8
A-C					249	373

Main Results for each time segment

07:45 - 08:00

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	13	3	0.00	587	0.022	13	0.0	0.0	6.323	A
C-AB	60	15	0.00	808	0.074	59	0.0	0.1	4.907	A
C-A	295	74	0.00			295				
A-B	5	1	0.00			5				
A-C	204	51	0.00			204				

08:00 - 08:15

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	15	4	0.00	576	0.027	15	0.0	0.0	6.479	A
C-AB	79	20	0.00	842	0.094	79	0.1	0.2	4.823	A
C-A	344	86	0.00			344				
A-B	5	1	0.00			5				
A-C	244	61	0.00			244				

08:15 - 08:30

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	19	5	0.00	560	0.033	19	0.0	0.0	6.709	A
C-AB	111	28	0.00	890	0.125	111	0.2	0.3	4.738	A
C-A	407	102	0.00			407				
A-B	7	2	0.00			7				
A-C	298	75	0.00			298				

08:30 - 08:45

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	19	5	0.00	560	0.033	19	0.0	0.0	6.709	A
C-AB	112	28	0.00	890	0.125	112	0.3	0.3	4.749	A
C-A	407	102	0.00			407				
A-B	7	2	0.00			7				
A-C	298	75	0.00			298				

08:45 - 09:00

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	15	4	0.00	576	0.027	15	0.0	0.0	6.482	A
C-AB	79	20	0.00	843	0.094	80	0.3	0.2	4.843	A
C-A	344	86	0.00			344				
A-B	5	1	0.00			5				
A-C	244	61	0.00			244				

09:00 - 09:15

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	13	3	0.00	587	0.022	13	0.0	0.0	6.326	A
C-AB	60	15	0.00	809	0.074	60	0.2	0.1	4.924	A
C-A	295	74	0.00			295				
A-B	5	1	0.00			5				
A-C	204	51	0.00			204				

D8 - 2032 | Reference Case + Site 1 + Site 2 | PM

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Arm A Direction	Arm B Direction	Arm C Direction	Junction Delay (s)	Junction LOS
1	untitled	T-Junction	Two-way	Two-way	Two-way	0.48	A

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	0.48	A

Traffic Demand

Demand Set Details

ID	Year	Scenario	Time period	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)	Run automatically
D8	2032	Reference Case + Site 1 + Site 2	PM	ONE HOUR	16:45	18:15	15	✓

Demand overview (Traffic)

Arm	Linked arm	Profile type	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
A		ONE HOUR	✓	416	100.000
B		ONE HOUR	✓	22	100.000
C		ONE HOUR	✓	284	100.000

Origin-Destination Data

Demand (PCU/hr)

	To			
		A	B	C
	A	0	3	413
	B	1	0	21
	C	261	23	0

Vehicle Mix

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

Heavy Vehicle %

	To			
		A	B	C
	A	0	6	4
	B	0	0	1
	C	2	3	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/hr)	Total Junction Arrivals (PCU)
B-AC	0.05	7.19	0.0	A	20	30
C-AB	0.06	5.44	0.1	A	32	48
C-A					228	343
A-B					3	4
A-C					379	568

Main Results for each time segment

16:45 - 17:00

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	17	4	0.00	567	0.029	16	0.0	0.0	6.601	A
C-AB	24	6	0.00	704	0.034	24	0.0	0.0	5.432	A
C-A	190	47	0.00			190				
A-B	2	0.56	0.00			2				
A-C	311	78	0.00			311				

17:00 - 17:15

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	20	5	0.00	551	0.036	20	0.0	0.0	6.838	A
C-AB	31	8	0.00	718	0.043	31	0.0	0.1	5.383	A
C-A	225	56	0.00			225				
A-B	3	0.67	0.00			3				
A-C	371	93	0.00			371				

17:15 - 17:30

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	24	6	0.00	529	0.046	24	0.0	0.0	7.192	A
C-AB	42	10	0.00	737	0.056	41	0.1	0.1	5.313	A
C-A	271	68	0.00			271				
A-B	3	0.83	0.00			3				
A-C	455	114	0.00			455				

17:30 - 17:45

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	24	6	0.00	529	0.046	24	0.0	0.0	7.192	A
C-AB	42	10	0.00	737	0.056	42	0.1	0.1	5.311	A
C-A	271	68	0.00			271				
A-B	3	0.83	0.00			3				
A-C	455	114	0.00			455				

17:45 - 18:00

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	20	5	0.00	551	0.036	20	0.0	0.0	6.842	A
C-AB	31	8	0.00	718	0.043	31	0.1	0.1	5.380	A
C-A	224	56	0.00			224				
A-B	3	0.67	0.00			3				
A-C	371	93	0.00			371				

18:00 - 18:15

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	17	4	0.00	567	0.029	17	0.0	0.0	6.604	A
C-AB	24	6	0.00	704	0.034	24	0.1	0.0	5.437	A
C-A	190	47	0.00			190				
A-B	2	0.56	0.00			2				
A-C	311	78	0.00			311				

Junctions 11

PICADY 11 - Priority Intersection Module

Version: 11.1.1.2424

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Filename: Junction 9 - Sole Street_The Street.j11

Path: C:\Users\MatthewJohnson\Hub Transport Planning Ltd\Hub Transport Planning - General\Projects\T25526
Longfield Road, Meopham\Modelling\Picady

Report generation date: 20/04/2026 11:50:42

»D1 - 2032 | Reference Case | AM
 »D2 - 2032 | Reference Case | PM
 »D5 - 2032 | Reference Case + Site 2 | AM
 »D6 - 2032 | Reference Case + Site 2 | PM
 »D7 - 2032 | Reference Case + Site 1 + Site 2 | AM
 »D8 - 2032 | Reference Case + Site 1 + Site 2 | PM
 »D9 - 2042 | Local Plan | AM
 »D10 - 2042 | Local Plan | PM
 »D13 - 2042 | Local Plan + Site 2 | AM
 »D14 - 2042 | Local Plan + Site 2 | PM
 »D15 - 2042 | Local Plan + Site 1 + Site 2 | AM
 »D16 - 2042 | Local Plan + Site 1 + Site 2 | PM

Summary of junction performance

	AM				PM			
	Set ID	Queue (PCU)	Delay (s)	RFC	Set ID	Queue (PCU)	Delay (s)	RFC
	2032 - Reference Case							
Stream B-C	D1	0.7	10.62	0.41	D2	0.8	13.40	0.44
Stream B-A		0.9	19.16	0.47		1.9	28.96	0.65
Stream C-AB		1.5	15.43	0.60		1.6	15.58	0.62
	2032 - Reference Case + Site 2							
Stream B-C	D5	0.7	10.77	0.41	D6	0.8	13.66	0.45
Stream B-A		0.9	19.66	0.48		1.9	29.52	0.66
Stream C-AB		1.6	15.78	0.61		1.7	15.85	0.63
	2032 - Reference Case + Site 1 + Site 2							
Stream B-C	D7	0.8	12.01	0.46	D8	0.9	14.85	0.48
Stream B-A		1.1	22.32	0.54		2.2	33.36	0.69
Stream C-AB		1.8	16.75	0.63		2.0	18.09	0.67
	2042 - Local Plan							
Stream B-C	D9	4.0	41.84	0.82	D10	4.4	61.83	0.86
Stream B-A		4.1	65.48	0.84		6.2	91.32	0.90
Stream C-AB		2.7	22.85	0.74		7.0	49.48	0.90
	2042 - Local Plan + Site 2							
Stream B-C	D13	4.3	45.12	0.84	D14	4.5	62.89	0.86
Stream B-A		4.4	69.35	0.85		6.2	91.87	0.90
Stream C-AB		2.8	23.23	0.74		7.1	49.92	0.90
	2042 - Local Plan + Site 1 + Site 2							
Stream B-C	D15	9.6	93.45	0.97	D16	8.1	105.91	0.98
Stream B-A		7.9	112.72	0.95		8.3	116.12	0.95
Stream C-AB		3.0	24.73	0.76		8.4	57.84	0.92

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.

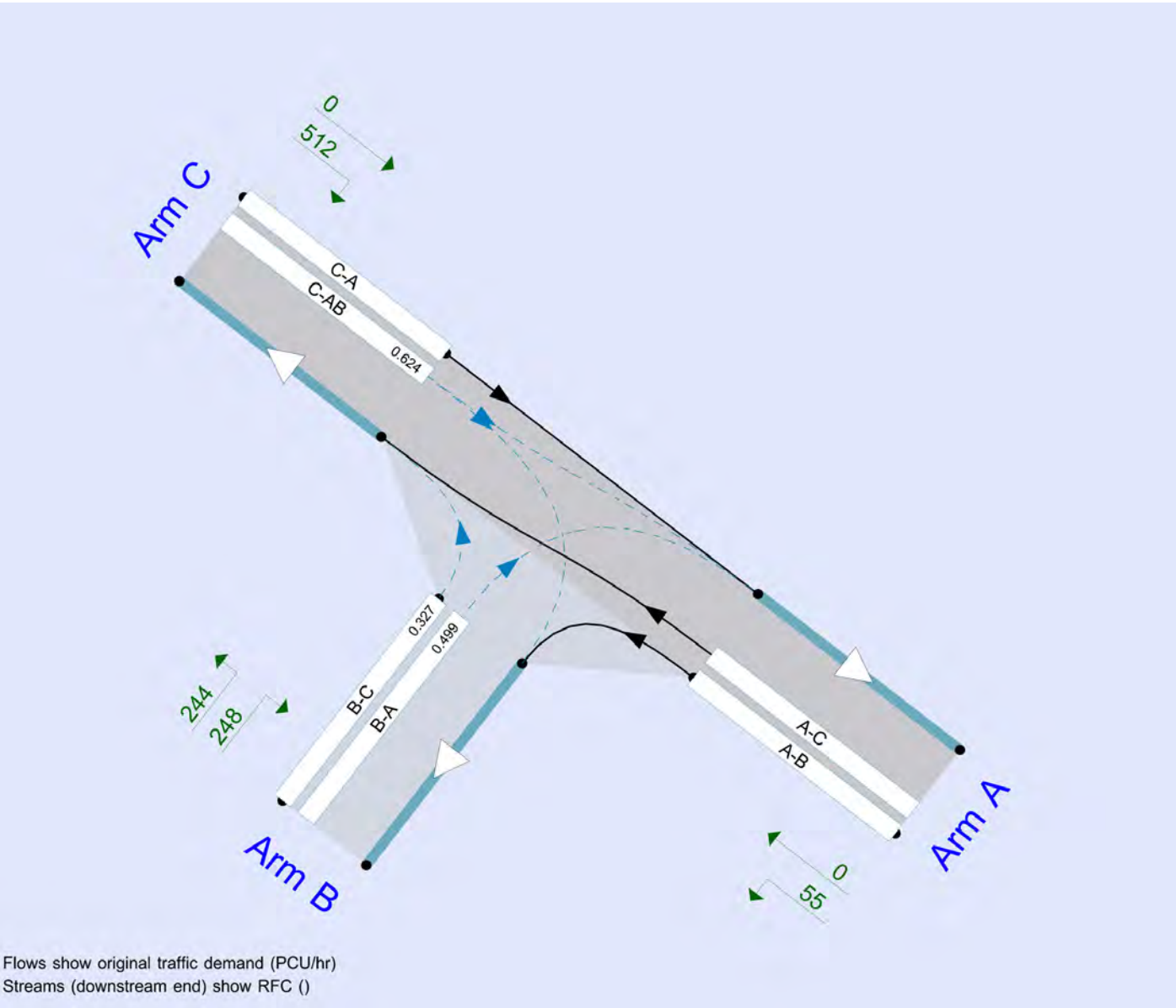
File summary

File Description

Title	
Location	Sole Street/The Street
Site number	9
Date	08/04/2026
Version	
Status	(new file)
Identifier	MJ
Client	Richborough
Jobnumber	T25512
Enumerator	AzureAD\MatthewJohnson
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	PCU	PCU	perHour	s	-Min	perMin



The junction diagram reflects the last run of Junctions.

Analysis Options

PICADY short flare model	Vehicle length (m)	Calculate Queue Percentiles	Calculate detailed queueing delay	Show lane queues in feet / metres	Show all PICADY stream intercepts	Calculate residual capacity	RFC Threshold	Average Delay threshold (s)	Queue threshold (PCU)	Use simulation for HCM roundabouts	Use iterations for HCM roundabouts
PICADY 4.1	5.75						0.85	36.00	20.00		

Demand Set Summary

ID	Year	Scenario	Time period	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)	Run automatically
D1	2032	Reference Case	AM	ONE HOUR	07:45	09:15	15	✓
D2	2032	Reference Case	PM	ONE HOUR	16:45	18:15	15	✓
D3	2032	Reference Case + Site 1	AM	ONE HOUR	07:45	09:15	15	✓
D4	2032	Reference Case + Site 1	PM	ONE HOUR	16:45	18:15	15	✓
D5	2032	Reference Case + Site 2	AM	ONE HOUR	07:45	09:15	15	✓
D6	2032	Reference Case + Site 2	PM	ONE HOUR	16:45	18:15	15	✓
D7	2032	Reference Case + Site 1 + Site 2	AM	ONE HOUR	07:45	09:15	15	✓
D8	2032	Reference Case + Site 1 + Site 2	PM	ONE HOUR	16:45	18:15	15	✓
D9	2042	Local Plan	AM	ONE HOUR	07:45	09:15	15	✓
D10	2042	Local Plan	PM	ONE HOUR	16:45	18:15	15	✓
D11	2042	Local Plan + Site 1	AM	ONE HOUR	07:45	09:15	15	✓
D12	2042	Local Plan + Site 1	PM	ONE HOUR	16:45	18:15	15	✓
D13	2042	Local Plan + Site 2	AM	ONE HOUR	07:45	09:15	15	✓
D14	2042	Local Plan + Site 2	PM	ONE HOUR	16:45	18:15	15	✓
D15	2042	Local Plan + Site 1 + Site 2	AM	ONE HOUR	07:45	09:15	15	✓
D16	2042	Local Plan + Site 1 + Site 2	PM	ONE HOUR	16:45	18:15	15	✓

Analysis Set Details

ID	Include in report	Use specific Demand Set(s)	Specific Demand Set(s)	Network flow scaling factor (%)	Network capacity scaling factor (%)
A1	✓	✓	D1,D2,D5,D6,D7,D8,D9,D10,D13,D14,D15,D16	100.000	100.000

D1 - 2032 | Reference Case | AM

Data Errors and Warnings

Severity	Area	Item	Description
Warning	Major arm width	Arm C - Major arm geometry	For two-way major roads, please interpret results with caution if the total major carriageway width is less than 6m.

Junction Network

Junctions

Junction	Name	Junction type	Arm A Direction	Arm B Direction	Arm C Direction	Junction Delay (s)	Junction LOS
1	untitled	T-Junction	Two-way	Two-way	Two-way	13.49	B

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	13.49	B

Arms

Arms

Arm	Name	Description	Arm type
A	The Street		Major
B	Sole Street		Minor
C	Jeskyns Road		Major

Major Arm Geometry

Arm	Width of carriageway (m)	Has kerbed central reserve	Has right-turn storage	Visibility for right turn (m)	Blocks?	Blocking queue (PCU)
C	5.85			93.4	✓	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	6.10	5.10	4.60	4.30	✓	3.00	16	31

Slope / Intercept / Capacity

Priority Intersection Slopes and Intercepts

Stream	Intercept (PCU/hr)	Slope for A-B	Slope for A-C	Slope for C-A	Slope for C-B
B-A	493	0.091	0.230	0.145	0.328
B-C	679	0.104	0.263	-	-
C-B	628	0.245	0.245	-	-

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	Year	Scenario	Time period	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)	Run automatically
D1	2032	Reference Case	AM	ONE HOUR	07:45	09:15	15	✓

Demand overview (Traffic)

Arm	Linked arm	Profile type	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
A		ONE HOUR	✓	67	100.000
B		ONE HOUR	✓	369	100.000
C		ONE HOUR	✓	334	100.000

Origin-Destination Data

Demand (PCU/hr)

	To			
		A	B	C
	A	0	67	0
	B	154	0	215
From	C	0	334	0

Vehicle Mix

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

Heavy Vehicle %

	To			
		A	B	C
	A	0	5	0
	B	2	0	2
From	C	0	4	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/hr)	Total Junction Arrivals (PCU)
B-C	0.41	10.62	0.7	B	197	296
B-A	0.47	19.16	0.9	C	141	212
C-AB	0.60	15.43	1.5	C	306	460
C-A					0	0
A-B					61	92
A-C					0	0

Main Results for each time segment

07:45 - 08:00

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	162	40	0.00	625	0.259	160	0.0	0.4	7.884	A
B-A	116	29	0.00	405	0.286	114	0.0	0.4	12.547	B
C-AB	251	63	0.00	616	0.408	249	0.0	0.7	10.125	B
C-A	0	0	0.00			0				
A-B	50	13	0.00			50				
A-C	0	0	0.00			0				

08:00 - 08:15

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	193	48	0.00	609	0.317	193	0.4	0.5	8.804	A
B-A	138	35	0.00	387	0.358	138	0.4	0.6	14.685	B
C-AB	300	75	0.00	613	0.490	299	0.7	1.0	11.875	B
C-A	0	0	0.00			0				
A-B	60	15	0.00			60				
A-C	0	0	0.00			0				

08:15 - 08:30

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	237	59	0.00	583	0.406	236	0.5	0.7	10.536	B
B-A	170	42	0.00	362	0.469	168	0.6	0.9	18.871	C
C-AB	368	92	0.00	610	0.603	366	1.0	1.5	15.176	C
C-A	0	0	0.00			0				
A-B	74	18	0.00			74				
A-C	0	0	0.00			0				

08:30 - 08:45

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	237	59	0.00	582	0.407	237	0.7	0.7	10.625	B
B-A	170	42	0.00	361	0.470	169	0.9	0.9	19.162	C
C-AB	368	92	0.00	610	0.603	368	1.5	1.5	15.428	C
C-A	0	0	0.00			0				
A-B	74	18	0.00			74				
A-C	0	0	0.00			0				

08:45 - 09:00

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	193	48	0.00	608	0.318	194	0.7	0.5	8.893	A
B-A	138	35	0.00	386	0.358	140	0.9	0.6	14.960	B
C-AB	300	75	0.00	613	0.490	302	1.5	1.0	12.123	B
C-A	0	0	0.00			0				
A-B	60	15	0.00			60				
A-C	0	0	0.00			0				

09:00 - 09:15

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	162	40	0.00	623	0.260	162	0.5	0.4	7.975	A
B-A	116	29	0.00	404	0.287	117	0.6	0.4	12.788	B
C-AB	251	63	0.00	616	0.408	253	1.0	0.7	10.346	B
C-A	0	0	0.00			0				
A-B	50	13	0.00			50				
A-C	0	0	0.00			0				

D2 - 2032 | Reference Case | PM

Data Errors and Warnings

Severity	Area	Item	Description
Warning	Major arm width	Arm C - Major arm geometry	For two-way major roads, please interpret results with caution if the total major carriageway width is less than 6m.

Junction Network

Junctions

Junction	Name	Junction type	Arm A Direction	Arm B Direction	Arm C Direction	Junction Delay (s)	Junction LOS
1	untitled	T-Junction	Two-way	Two-way	Two-way	17.84	C

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	17.84	C

Traffic Demand

Demand Set Details

ID	Year	Scenario	Time period	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)	Run automatically
D2	2032	Reference Case	PM	ONE HOUR	16:45	18:15	15	✓

Demand overview (Traffic)

Arm	Linked arm	Profile type	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
A		ONE HOUR	✓	44	100.000
B		ONE HOUR	✓	421	100.000
C		ONE HOUR	✓	346	100.000

Origin-Destination Data

Demand (PCU/hr)

From	To			
		A	B	C
	A	0	44	0
	B	221	0	200
	C	0	346	0

Vehicle Mix

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

Heavy Vehicle %

From	To			
		A	B	C
	A	0	2	0
	B	5	0	3
	C	0	2	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/hr)	Total Junction Arrivals (PCU)
B-C	0.44	13.40	0.8	B	184	275
B-A	0.65	28.96	1.9	D	203	304
C-AB	0.62	15.58	1.6	C	317	476
C-A					0	0
A-B					40	61
A-C					0	0

Main Results for each time segment

16:45 - 17:00

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	151	38	0.00	581	0.259	149	0.0	0.4	8.561	A
B-A	166	42	0.00	421	0.395	164	0.0	0.7	14.533	B
C-AB	260	65	0.00	620	0.420	258	0.0	0.7	10.057	B
C-A	0	0	0.00			0				
A-B	33	8	0.00			33				
A-C	0	0	0.00			0				

17:00 - 17:15

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	180	45	0.00	556	0.324	179	0.4	0.5	9.839	A
B-A	199	50	0.00	402	0.495	197	0.7	1.0	18.378	C
C-AB	311	78	0.00	618	0.503	310	0.7	1.0	11.859	B
C-A	0	0	0.00			0				
A-B	40	10	0.00			40				
A-C	0	0	0.00			0				

17:15 - 17:30

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	220	55	0.00	501	0.439	219	0.5	0.8	13.073	B
B-A	243	61	0.00	373	0.652	240	1.0	1.8	27.636	D
C-AB	381	95	0.00	616	0.618	379	1.0	1.6	15.301	C
C-A	0	0	0.00			0				
A-B	48	12	0.00			48				
A-C	0	0	0.00			0				

17:30 - 17:45

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	220	55	0.00	497	0.443	220	0.8	0.8	13.402	B
B-A	243	61	0.00	373	0.653	243	1.8	1.9	28.963	D
C-AB	381	95	0.00	616	0.618	381	1.6	1.6	15.577	C
C-A	0	0	0.00			0				
A-B	48	12	0.00			48				
A-C	0	0	0.00			0				

17:45 - 18:00

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	180	45	0.00	551	0.326	181	0.8	0.5	10.045	B
B-A	199	50	0.00	401	0.496	202	1.9	1.1	19.296	C
C-AB	311	78	0.00	618	0.503	313	1.6	1.1	12.122	B
C-A	0	0	0.00			0				
A-B	40	10	0.00			40				
A-C	0	0	0.00			0				

18:00 - 18:15

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	151	38	0.00	578	0.261	151	0.5	0.4	8.702	A
B-A	166	42	0.00	420	0.396	168	1.1	0.7	15.062	C
C-AB	260	65	0.00	620	0.420	262	1.1	0.8	10.287	B
C-A	0	0	0.00			0				
A-B	33	8	0.00			33				
A-C	0	0	0.00			0				

D5 - 2032 | Reference Case + Site 2 | AM

Data Errors and Warnings

Severity	Area	Item	Description
Warning	Major arm width	Arm C - Major arm geometry	For two-way major roads, please interpret results with caution if the total major carriageway width is less than 6m.

Junction Network

Junctions

Junction	Name	Junction type	Arm A Direction	Arm B Direction	Arm C Direction	Junction Delay (s)	Junction LOS
1	untitled	T-Junction	Two-way	Two-way	Two-way	13.82	B

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	13.82	B

Traffic Demand

Demand Set Details

ID	Year	Scenario	Time period	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)	Run automatically
D5	2032	Reference Case + Site 2	AM	ONE HOUR	07:45	09:15	15	✓

Demand overview (Traffic)

Arm	Linked arm	Profile type	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
A		ONE HOUR	✓	67	100.000
B		ONE HOUR	✓	373	100.000
C		ONE HOUR	✓	339	100.000

Origin-Destination Data

Demand (PCU/hr)

From	To			
		A	B	C
	A	0	67	0
	B	157	0	216
	C	0	339	0

Vehicle Mix

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

Heavy Vehicle %

From	To			
		A	B	C
	A	0	5	0
	B	2	0	2
	C	0	4	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/hr)	Total Junction Arrivals (PCU)
B-C	0.41	10.77	0.7	B	198	297
B-A	0.48	19.66	0.9	C	144	216
C-AB	0.61	15.78	1.6	C	311	467
C-A					0	0
A-B					61	92
A-C					0	0

Main Results for each time segment

07:45 - 08:00

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	163	41	0.00	623	0.261	161	0.0	0.4	7.928	A
B-A	118	30	0.00	405	0.292	117	0.0	0.4	12.670	B
C-AB	255	64	0.00	616	0.415	252	0.0	0.7	10.225	B
C-A	0	0	0.00			0				
A-B	50	13	0.00			50				
A-C	0	0	0.00			0				

08:00 - 08:15

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	194	49	0.00	607	0.320	194	0.4	0.5	8.874	A
B-A	141	35	0.00	386	0.365	140	0.4	0.6	14.904	B
C-AB	305	76	0.00	613	0.497	304	0.7	1.0	12.043	B
C-A	0	0	0.00			0				
A-B	60	15	0.00			60				
A-C	0	0	0.00			0				

08:15 - 08:30

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	238	59	0.00	580	0.410	237	0.5	0.7	10.677	B
B-A	173	43	0.00	360	0.480	172	0.6	0.9	19.332	C
C-AB	373	93	0.00	610	0.612	371	1.0	1.6	15.508	C
C-A	0	0	0.00			0				
A-B	74	18	0.00			74				
A-C	0	0	0.00			0				

08:30 - 08:45

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	238	59	0.00	579	0.411	238	0.7	0.7	10.775	B
B-A	173	43	0.00	359	0.481	173	0.9	0.9	19.656	C
C-AB	373	93	0.00	610	0.612	373	1.6	1.6	15.783	C
C-A	0	0	0.00			0				
A-B	74	18	0.00			74				
A-C	0	0	0.00			0				

08:45 - 09:00

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	194	49	0.00	605	0.321	195	0.7	0.5	8.968	A
B-A	141	35	0.00	385	0.366	142	0.9	0.6	15.203	C
C-AB	305	76	0.00	613	0.497	307	1.6	1.1	12.310	B
C-A	0	0	0.00			0				
A-B	60	15	0.00			60				
A-C	0	0	0.00			0				

09:00 - 09:15

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	163	41	0.00	621	0.262	163	0.5	0.4	8.025	A
B-A	118	30	0.00	404	0.293	119	0.6	0.4	12.928	B
C-AB	255	64	0.00	616	0.415	256	1.1	0.8	10.456	B
C-A	0	0	0.00			0				
A-B	50	13	0.00			50				
A-C	0	0	0.00			0				

D6 - 2032 | Reference Case + Site 2 | PM

Data Errors and Warnings

Severity	Area	Item	Description
Warning	Major arm width	Arm C - Major arm geometry	For two-way major roads, please interpret results with caution if the total major carriageway width is less than 6m.

Junction Network

Junctions

Junction	Name	Junction type	Arm A Direction	Arm B Direction	Arm C Direction	Junction Delay (s)	Junction LOS
1	untitled	T-Junction	Two-way	Two-way	Two-way	18.17	C

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	18.17	C

Traffic Demand

Demand Set Details

ID	Year	Scenario	Time period	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)	Run automatically
D6	2032	Reference Case + Site 2	PM	ONE HOUR	16:45	18:15	15	✓

Demand overview (Traffic)

Arm	Linked arm	Profile type	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
A		ONE HOUR	✓	43	100.000
B		ONE HOUR	✓	425	100.000
C		ONE HOUR	✓	350	100.000

Origin-Destination Data

Demand (PCU/hr)

	To			
		A	B	C
	A	0	43	0
	B	221	0	204
	C	0	350	0

Vehicle Mix

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

Heavy Vehicle %

	To			
		A	B	C
	A	0	1	0
	B	5	0	3
	C	0	2	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/hr)	Total Junction Arrivals (PCU)
B-C	0.45	13.66	0.8	B	187	281
B-A	0.66	29.52	1.9	D	203	304
C-AB	0.63	15.85	1.7	C	321	482
C-A					0	0
A-B					39	59
A-C					0	0

Main Results for each time segment

16:45 - 17:00

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	154	38	0.00	582	0.264	152	0.0	0.4	8.603	A
B-A	166	42	0.00	419	0.397	164	0.0	0.7	14.632	B
C-AB	263	66	0.00	620	0.425	261	0.0	0.7	10.134	B
C-A	0	0	0.00			0				
A-B	32	8	0.00			32				
A-C	0	0	0.00			0				

17:00 - 17:15

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	183	46	0.00	556	0.330	183	0.4	0.5	9.919	A
B-A	199	50	0.00	400	0.497	197	0.7	1.0	18.549	C
C-AB	315	79	0.00	619	0.509	313	0.7	1.0	11.986	B
C-A	0	0	0.00			0				
A-B	39	10	0.00			39				
A-C	0	0	0.00			0				

17:15 - 17:30

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	225	56	0.00	501	0.449	223	0.5	0.8	13.301	B
B-A	243	61	0.00	371	0.656	240	1.0	1.8	28.111	D
C-AB	385	96	0.00	616	0.625	383	1.0	1.6	15.558	C
C-A	0	0	0.00			0				
A-B	47	12	0.00			47				
A-C	0	0	0.00			0				

17:30 - 17:45

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	225	56	0.00	496	0.453	225	0.8	0.8	13.658	B
B-A	243	61	0.00	370	0.657	243	1.8	1.9	29.522	D
C-AB	385	96	0.00	616	0.625	385	1.6	1.7	15.854	C
C-A	0	0	0.00			0				
A-B	47	12	0.00			47				
A-C	0	0	0.00			0				

17:45 - 18:00

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	183	46	0.00	552	0.332	185	0.8	0.5	10.137	B
B-A	199	50	0.00	399	0.498	202	1.9	1.1	19.517	C
C-AB	315	79	0.00	619	0.509	317	1.7	1.1	12.266	B
C-A	0	0	0.00			0				
A-B	39	10	0.00			39				
A-C	0	0	0.00			0				

18:00 - 18:15

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	154	38	0.00	579	0.265	154	0.5	0.4	8.748	A
B-A	166	42	0.00	418	0.398	168	1.1	0.7	15.176	C
C-AB	263	66	0.00	620	0.425	265	1.1	0.8	10.371	B
C-A	0	0	0.00			0				
A-B	32	8	0.00			32				
A-C	0	0	0.00			0				

D7 - 2032 | Reference Case + Site 1 + Site 2 | AM

Data Errors and Warnings

Severity	Area	Item	Description
Warning	Major arm width	Arm C - Major arm geometry	For two-way major roads, please interpret results with caution if the total major carriageway width is less than 6m.

Junction Network

Junctions

Junction	Name	Junction type	Arm A Direction	Arm B Direction	Arm C Direction	Junction Delay (s)	Junction LOS
1	untitled	T-Junction	Two-way	Two-way	Two-way	15.17	C

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	15.17	C

Traffic Demand

Demand Set Details

ID	Year	Scenario	Time period	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)	Run automatically
D7	2032	Reference Case + Site 1 + Site 2	AM	ONE HOUR	07:45	09:15	15	✓

Demand overview (Traffic)

Arm	Linked arm	Profile type	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
A		ONE HOUR	✓	69	100.000
B		ONE HOUR	✓	405	100.000
C		ONE HOUR	✓	351	100.000

Origin-Destination Data

Demand (PCU/hr)

	To			
		A	B	C
	A	0	69	0
	B	172	0	233
	C	0	351	0

Vehicle Mix

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

Heavy Vehicle %

	To			
		A	B	C
	A	0	4	0
	B	2	0	2
	C	0	4	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/hr)	Total Junction Arrivals (PCU)
B-C	0.46	12.01	0.8	B	214	321
B-A	0.54	22.32	1.1	C	158	237
C-AB	0.63	16.75	1.8	C	322	483
C-A					0	0
A-B					63	95
A-C					0	0

Main Results for each time segment

07:45 - 08:00

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	175	44	0.00	616	0.285	174	0.0	0.4	8.268	A
B-A	129	32	0.00	402	0.322	128	0.0	0.5	13.291	B
C-AB	264	66	0.00	615	0.429	261	0.0	0.8	10.484	B
C-A	0	0	0.00			0				
A-B	52	13	0.00			52				
A-C	0	0	0.00			0				

08:00 - 08:15

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	209	52	0.00	598	0.350	209	0.4	0.5	9.425	A
B-A	155	39	0.00	382	0.404	154	0.5	0.7	16.000	C
C-AB	316	79	0.00	613	0.515	314	0.8	1.1	12.486	B
C-A	0	0	0.00			0				
A-B	62	16	0.00			62				
A-C	0	0	0.00			0				

08:15 - 08:30

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	257	64	0.00	564	0.455	255	0.5	0.8	11.850	B
B-A	189	47	0.00	354	0.535	188	0.7	1.1	21.788	C
C-AB	386	97	0.00	609	0.634	384	1.1	1.7	16.401	C
C-A	0	0	0.00			0				
A-B	76	19	0.00			76				
A-C	0	0	0.00			0				

08:30 - 08:45

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	257	64	0.00	562	0.456	256	0.8	0.8	12.012	B
B-A	189	47	0.00	353	0.536	189	1.1	1.1	22.321	C
C-AB	386	97	0.00	609	0.634	386	1.7	1.8	16.747	C
C-A	0	0	0.00			0				
A-B	76	19	0.00			76				
A-C	0	0	0.00			0				

08:45 - 09:00

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	209	52	0.00	596	0.352	211	0.8	0.6	9.565	A
B-A	155	39	0.00	381	0.405	156	1.1	0.7	16.439	C
C-AB	316	79	0.00	613	0.515	318	1.8	1.1	12.807	B
C-A	0	0	0.00			0				
A-B	62	16	0.00			62				
A-C	0	0	0.00			0				

09:00 - 09:15

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	175	44	0.00	614	0.286	176	0.6	0.4	8.388	A
B-A	129	32	0.00	401	0.323	130	0.7	0.5	13.617	B
C-AB	264	66	0.00	615	0.429	266	1.1	0.8	10.748	B
C-A	0	0	0.00			0				
A-B	52	13	0.00			52				
A-C	0	0	0.00			0				

D8 - 2032 | Reference Case + Site 1 + Site 2 | PM

Data Errors and Warnings

Severity	Area	Item	Description
Warning	Major arm width	Arm C - Major arm geometry	For two-way major roads, please interpret results with caution if the total major carriageway width is less than 6m.

Junction Network

Junctions

Junction	Name	Junction type	Arm A Direction	Arm B Direction	Arm C Direction	Junction Delay (s)	Junction LOS
1	untitled	T-Junction	Two-way	Two-way	Two-way	20.27	C

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	20.27	C

Traffic Demand

Demand Set Details

ID	Year	Scenario	Time period	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)	Run automatically
D8	2032	Reference Case + Site 1 + Site 2	PM	ONE HOUR	16:45	18:15	15	✓

Demand overview (Traffic)

Arm	Linked arm	Profile type	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
A		ONE HOUR	✓	48	100.000
B		ONE HOUR	✓	434	100.000
C		ONE HOUR	✓	375	100.000

Origin-Destination Data

Demand (PCU/hr)

	To			
		A	B	C
	A	0	48	0
	B	224	0	210
	C	0	375	0

Vehicle Mix

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

Heavy Vehicle %

	To			
		A	B	C
	A	0	1	0
	B	5	0	3
	C	0	2	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/hr)	Total Junction Arrivals (PCU)
B-C	0.48	14.85	0.9	B	193	289
B-A	0.69	33.36	2.2	D	206	308
C-AB	0.67	18.09	2.0	C	344	516
C-A					0	0
A-B					44	66
A-C					0	0

Main Results for each time segment

16:45 - 17:00

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	158	40	0.00	580	0.273	157	0.0	0.4	8.734	A
B-A	169	42	0.00	412	0.409	166	0.0	0.7	15.188	C
C-AB	282	71	0.00	619	0.456	279	0.0	0.8	10.692	B
C-A	0	0	0.00			0				
A-B	36	9	0.00			36				
A-C	0	0	0.00			0				

17:00 - 17:15

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	189	47	0.00	551	0.342	188	0.4	0.5	10.192	B
B-A	201	50	0.00	391	0.516	200	0.7	1.1	19.660	C
C-AB	337	84	0.00	617	0.546	336	0.8	1.2	12.960	B
C-A	0	0	0.00			0				
A-B	43	11	0.00			43				
A-C	0	0	0.00			0				

17:15 - 17:30

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	231	58	0.00	487	0.475	230	0.5	0.9	14.309	B
B-A	247	62	0.00	359	0.686	243	1.1	2.1	31.273	D
C-AB	413	103	0.00	615	0.671	410	1.2	2.0	17.604	C
C-A	0	0	0.00			0				
A-B	53	13	0.00			53				
A-C	0	0	0.00			0				

17:30 - 17:45

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	231	58	0.00	480	0.481	231	0.9	0.9	14.848	B
B-A	247	62	0.00	358	0.688	246	2.1	2.2	33.357	D
C-AB	413	103	0.00	615	0.671	413	2.0	2.0	18.088	C
C-A	0	0	0.00			0				
A-B	53	13	0.00			53				
A-C	0	0	0.00			0				

17:45 - 18:00

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	189	47	0.00	546	0.346	190	0.9	0.6	10.477	B
B-A	201	50	0.00	389	0.517	205	2.2	1.2	20.963	C
C-AB	337	84	0.00	617	0.546	340	2.0	1.3	13.381	B
C-A	0	0	0.00			0				
A-B	43	11	0.00			43				
A-C	0	0	0.00			0				

18:00 - 18:15

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	158	40	0.00	576	0.274	159	0.6	0.4	8.898	A
B-A	169	42	0.00	411	0.411	170	1.2	0.8	15.831	C
C-AB	282	71	0.00	619	0.456	284	1.3	0.9	11.001	B
C-A	0	0	0.00			0				
A-B	36	9	0.00			36				
A-C	0	0	0.00			0				

D9 - 2042 | Local Plan | AM

Data Errors and Warnings

Severity	Area	Item	Description
Warning	Major arm width	Arm C - Major arm geometry	For two-way major roads, please interpret results with caution if the total major carriageway width is less than 6m.

Junction Network

Junctions

Junction	Name	Junction type	Arm A Direction	Arm B Direction	Arm C Direction	Junction Delay (s)	Junction LOS
1	untitled	T-Junction	Two-way	Two-way	Two-way	36.16	E

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	36.16	E

Traffic Demand

Demand Set Details

ID	Year	Scenario	Time period	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)	Run automatically
D9	2042	Local Plan	AM	ONE HOUR	07:45	09:15	15	✓

Demand overview (Traffic)

Arm	Linked arm	Profile type	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
A		ONE HOUR	✓	85	100.000
B		ONE HOUR	✓	558	100.000
C		ONE HOUR	✓	405	100.000

Origin-Destination Data

Demand (PCU/hr)

	To			
From		A	B	C
	A	0	85	0
	B	224	0	334
	C	0	405	0

Vehicle Mix

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

Heavy Vehicle %

	To			
From		A	B	C
	A	0	3	0
	B	1	0	1
	C	0	2	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/hr)	Total Junction Arrivals (PCU)
B-C	0.82	41.84	4.0	E	306	460
B-A	0.84	65.48	4.1	F	206	308
C-AB	0.74	22.85	2.7	C	372	557
C-A					0	0
A-B					78	117
A-C					0	0

Main Results for each time segment

07:45 - 08:00

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	251	63	0.00	596	0.422	249	0.0	0.7	10.378	B
B-A	169	42	0.00	381	0.442	166	0.0	0.8	16.623	C
C-AB	305	76	0.00	612	0.498	301	0.0	1.0	11.650	B
C-A	0	0	0.00			0				
A-B	64	16	0.00			64				
A-C	0	0	0.00			0				

08:00 - 08:15

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	300	75	0.00	560	0.536	299	0.7	1.1	13.831	B
B-A	201	50	0.00	354	0.569	199	0.8	1.3	23.254	C
C-AB	364	91	0.00	609	0.598	362	1.0	1.5	14.737	B
C-A	0	0	0.00			0				
A-B	76	19	0.00			76				
A-C	0	0	0.00			0				

08:15 - 08:30

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	368	92	0.00	467	0.787	359	1.1	3.2	31.541	D
B-A	247	62	0.00	302	0.817	238	1.3	3.5	51.073	F
C-AB	446	111	0.00	605	0.737	441	1.5	2.6	21.771	C
C-A	0	0	0.00			0				
A-B	94	23	0.00			94				
A-C	0	0	0.00			0				

08:30 - 08:45

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	368	92	0.00	447	0.823	365	3.2	4.0	41.837	E
B-A	247	62	0.00	295	0.836	244	3.5	4.1	65.477	F
C-AB	446	111	0.00	605	0.737	446	2.6	2.7	22.846	C
C-A	0	0	0.00			0				
A-B	94	23	0.00			94				
A-C	0	0	0.00			0				

08:45 - 09:00

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	300	75	0.00	544	0.551	311	4.0	1.3	16.248	C
B-A	201	50	0.00	349	0.577	212	4.1	1.5	28.292	D
C-AB	364	91	0.00	609	0.598	369	2.7	1.6	15.542	C
C-A	0	0	0.00			0				
A-B	76	19	0.00			76				
A-C	0	0	0.00			0				

09:00 - 09:15

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	251	63	0.00	591	0.425	254	1.3	0.8	10.828	B
B-A	169	42	0.00	379	0.445	171	1.5	0.8	17.665	C
C-AB	305	76	0.00	612	0.498	307	1.6	1.0	12.109	B
C-A	0	0	0.00			0				
A-B	64	16	0.00			64				
A-C	0	0	0.00			0				

D10 - 2042 | Local Plan | PM

Data Errors and Warnings

Severity	Area	Item	Description
Warning	Major arm width	Arm C - Major arm geometry	For two-way major roads, please interpret results with caution if the total major carriageway width is less than 6m.

Junction Network

Junctions

Junction	Name	Junction type	Arm A Direction	Arm B Direction	Arm C Direction	Junction Delay (s)	Junction LOS
1	untitled	T-Junction	Two-way	Two-way	Two-way	59.60	F

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	59.60	F

Traffic Demand

Demand Set Details

ID	Year	Scenario	Time period	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)	Run automatically
D10	2042	Local Plan	PM	ONE HOUR	16:45	18:15	15	✓

Demand overview (Traffic)

Arm	Linked arm	Profile type	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
A		ONE HOUR	✓	52	100.000
B		ONE HOUR	✓	483	100.000
C		ONE HOUR	✓	500	100.000

Origin-Destination Data

Demand (PCU/hr)

	To			
		A	B	C
	A	0	52	0
	B	240	0	243
	C	0	500	0

Vehicle Mix

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

Heavy Vehicle %

	To			
		A	B	C
	A	0	1	0
	B	6	0	2
	C	0	1	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/hr)	Total Junction Arrivals (PCU)
B-C	0.86	61.83	4.4	F	223	334
B-A	0.90	91.32	6.2	F	220	330
C-AB	0.90	49.48	7.0	E	459	688
C-A					0	0
A-B					48	72
A-C					0	0

Main Results for each time segment

16:45 - 17:00

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	183	46	0.00	568	0.322	181	0.0	0.5	9.452	A
B-A	181	45	0.00	376	0.480	177	0.0	0.9	18.815	C
C-AB	376	94	0.00	618	0.609	370	0.0	1.5	14.334	B
C-A	0	0	0.00			0				
A-B	39	10	0.00			39				
A-C	0	0	0.00			0				

17:00 - 17:15

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	218	55	0.00	519	0.421	217	0.5	0.7	12.126	B
B-A	216	54	0.00	347	0.622	213	0.9	1.6	27.955	D
C-AB	449	112	0.00	617	0.729	445	1.5	2.5	20.733	C
C-A	0	0	0.00			0				
A-B	47	12	0.00			47				
A-C	0	0	0.00			0				

17:15 - 17:30

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	268	67	0.00	368	0.728	261	0.7	2.4	32.584	D
B-A	264	66	0.00	301	0.878	252	1.6	4.8	65.042	F
C-AB	551	138	0.00	614	0.897	536	2.5	6.2	40.284	E
C-A	0	0	0.00			0				
A-B	57	14	0.00			57				
A-C	0	0	0.00			0				

17:30 - 17:45

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	268	67	0.00	312	0.859	260	2.4	4.4	61.833	F
B-A	264	66	0.00	293	0.901	259	4.8	6.2	91.315	F
C-AB	551	138	0.00	614	0.897	547	6.2	7.0	49.479	E
C-A	0	0	0.00			0				
A-B	57	14	0.00			57				
A-C	0	0	0.00			0				

17:45 - 18:00

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	218	55	0.00	484	0.451	233	4.4	0.9	15.370	C
B-A	216	54	0.00	338	0.638	232	6.2	2.0	40.376	E
C-AB	449	112	0.00	617	0.729	466	7.0	2.9	26.231	D
C-A	0	0	0.00			0				
A-B	47	12	0.00			47				
A-C	0	0	0.00			0				

18:00 - 18:15

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	183	46	0.00	560	0.327	184	0.9	0.5	9.824	A
B-A	181	45	0.00	373	0.484	185	2.0	1.0	20.673	C
C-AB	376	94	0.00	618	0.609	382	2.9	1.6	15.675	C
C-A	0	0	0.00			0				
A-B	39	10	0.00			39				
A-C	0	0	0.00			0				

D13 - 2042 | Local Plan + Site 2 | AM

Data Errors and Warnings

Severity	Area	Item	Description
Warning	Major arm width	Arm C - Major arm geometry	For two-way major roads, please interpret results with caution if the total major carriageway width is less than 6m.

Junction Network

Junctions

Junction	Name	Junction type	Arm A Direction	Arm B Direction	Arm C Direction	Junction Delay (s)	Junction LOS
1	untitled	T-Junction	Two-way	Two-way	Two-way	38.27	E

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	38.27	E

Traffic Demand

Demand Set Details

ID	Year	Scenario	Time period	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)	Run automatically
D13	2042	Local Plan + Site 2	AM	ONE HOUR	07:45	09:15	15	✓

Demand overview (Traffic)

Arm	Linked arm	Profile type	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
A		ONE HOUR	✓	83	100.000
B		ONE HOUR	✓	560	100.000
C		ONE HOUR	✓	408	100.000

Origin-Destination Data

Demand (PCU/hr)

From	To			
		A	B	C
	A	0	83	0
	B	226	0	334
	C	0	408	0

Vehicle Mix

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

Heavy Vehicle %

From	To			
		A	B	C
	A	0	3	0
	B	1	0	1
	C	0	2	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/hr)	Total Junction Arrivals (PCU)
B-C	0.84	45.12	4.3	E	306	460
B-A	0.85	69.35	4.4	F	207	311
C-AB	0.74	23.23	2.8	C	374	562
C-A					0	0
A-B					76	114
A-C					0	0

Main Results for each time segment

07:45 - 08:00

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	251	63	0.00	595	0.423	249	0.0	0.7	10.416	B
B-A	170	43	0.00	381	0.447	167	0.0	0.8	16.755	C
C-AB	307	77	0.00	613	0.501	303	0.0	1.0	11.717	B
C-A	0	0	0.00			0				
A-B	62	16	0.00			62				
A-C	0	0	0.00			0				

08:00 - 08:15

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	300	75	0.00	558	0.539	299	0.7	1.1	13.947	B
B-A	203	51	0.00	353	0.575	201	0.8	1.3	23.592	C
C-AB	367	92	0.00	610	0.602	365	1.0	1.5	14.868	B
C-A	0	0	0.00			0				
A-B	75	19	0.00			75				
A-C	0	0	0.00			0				

08:15 - 08:30

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	368	92	0.00	462	0.796	359	1.1	3.4	32.886	D
B-A	249	62	0.00	301	0.828	239	1.3	3.6	52.973	F
C-AB	449	112	0.00	606	0.742	444	1.5	2.7	22.096	C
C-A	0	0	0.00			0				
A-B	91	23	0.00			91				
A-C	0	0	0.00			0				

08:30 - 08:45

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	368	92	0.00	439	0.837	364	3.4	4.3	45.119	E
B-A	249	62	0.00	293	0.849	246	3.6	4.4	69.354	F
C-AB	449	112	0.00	606	0.742	449	2.7	2.8	23.233	C
C-A	0	0	0.00			0				
A-B	91	23	0.00			91				
A-C	0	0	0.00			0				

08:45 - 09:00

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	300	75	0.00	541	0.555	312	4.3	1.3	16.680	C
B-A	203	51	0.00	348	0.583	215	4.4	1.5	29.268	D
C-AB	367	92	0.00	610	0.602	372	2.8	1.6	15.710	C
C-A	0	0	0.00			0				
A-B	75	19	0.00			75				
A-C	0	0	0.00			0				

09:00 - 09:15

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	251	63	0.00	590	0.426	254	1.3	0.8	10.883	B
B-A	170	43	0.00	379	0.449	173	1.5	0.9	17.845	C
C-AB	307	77	0.00	613	0.501	309	1.6	1.1	12.189	B
C-A	0	0	0.00			0				
A-B	62	16	0.00			62				
A-C	0	0	0.00			0				

D14 - 2042 | Local Plan + Site 2 | PM

Data Errors and Warnings

Severity	Area	Item	Description
Warning	Major arm width	Arm C - Major arm geometry	For two-way major roads, please interpret results with caution if the total major carriageway width is less than 6m.

Junction Network

Junctions

Junction	Name	Junction type	Arm A Direction	Arm B Direction	Arm C Direction	Junction Delay (s)	Junction LOS
1	untitled	T-Junction	Two-way	Two-way	Two-way	60.23	F

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	60.23	F

Traffic Demand

Demand Set Details

ID	Year	Scenario	Time period	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)	Run automatically
D14	2042	Local Plan + Site 2	PM	ONE HOUR	16:45	18:15	15	✓

Demand overview (Traffic)

Arm	Linked arm	Profile type	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
A		ONE HOUR	✓	51	100.000
B		ONE HOUR	✓	483	100.000
C		ONE HOUR	✓	501	100.000

Origin-Destination Data

Demand (PCU/hr)

From	To			
		A	B	C
	A	0	51	0
	B	240	0	243
	C	0	501	0

Vehicle Mix

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

Heavy Vehicle %

From	To			
		A	B	C
	A	0	1	0
	B	6	0	2
	C	0	1	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/hr)	Total Junction Arrivals (PCU)
B-C	0.86	62.89	4.5	F	223	334
B-A	0.90	91.87	6.2	F	220	330
C-AB	0.90	49.92	7.1	E	460	690
C-A					0	0
A-B					47	70
A-C					0	0

Main Results for each time segment

16:45 - 17:00

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	183	46	0.00	568	0.322	181	0.0	0.5	9.452	A
B-A	181	45	0.00	376	0.480	177	0.0	0.9	18.833	C
C-AB	377	94	0.00	619	0.610	371	0.0	1.5	14.370	B
C-A	0	0	0.00			0				
A-B	38	10	0.00			38				
A-C	0	0	0.00			0				

17:00 - 17:15

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	218	55	0.00	519	0.421	217	0.5	0.7	12.125	B
B-A	216	54	0.00	346	0.623	213	0.9	1.6	28.001	D
C-AB	450	113	0.00	617	0.730	446	1.5	2.5	20.806	C
C-A	0	0	0.00			0				
A-B	46	11	0.00			46				
A-C	0	0	0.00			0				

17:15 - 17:30

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	268	67	0.00	367	0.729	261	0.7	2.4	32.772	D
B-A	264	66	0.00	301	0.879	251	1.6	4.8	65.271	F
C-AB	552	138	0.00	614	0.898	537	2.5	6.2	40.540	E
C-A	0	0	0.00			0				
A-B	56	14	0.00			56				
A-C	0	0	0.00			0				

17:30 - 17:45

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	268	67	0.00	310	0.863	259	2.4	4.5	62.890	F
B-A	264	66	0.00	293	0.902	259	4.8	6.2	91.865	F
C-AB	552	138	0.00	614	0.898	548	6.2	7.1	49.920	E
C-A	0	0	0.00			0				
A-B	56	14	0.00			56				
A-C	0	0	0.00			0				

17:45 - 18:00

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	218	55	0.00	484	0.452	233	4.5	0.9	15.440	C
B-A	216	54	0.00	338	0.639	232	6.2	2.1	40.612	E
C-AB	450	113	0.00	617	0.730	467	7.1	3.0	26.424	D
C-A	0	0	0.00			0				
A-B	46	11	0.00			46				
A-C	0	0	0.00			0				

18:00 - 18:15

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	183	46	0.00	560	0.327	184	0.9	0.5	9.827	A
B-A	181	45	0.00	373	0.485	185	2.1	1.0	20.704	C
C-AB	377	94	0.00	619	0.610	382	3.0	1.6	15.720	C
C-A	0	0	0.00			0				
A-B	38	10	0.00			38				
A-C	0	0	0.00			0				

D15 - 2042 | Local Plan + Site 1 + Site 2 | AM

Data Errors and Warnings

Severity	Area	Item	Description
Warning	Major arm width	Arm C - Major arm geometry	For two-way major roads, please interpret results with caution if the total major carriageway width is less than 6m.

Junction Network

Junctions

Junction	Name	Junction type	Arm A Direction	Arm B Direction	Arm C Direction	Junction Delay (s)	Junction LOS
1	untitled	T-Junction	Two-way	Two-way	Two-way	63.73	F

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	63.73	F

Traffic Demand

Demand Set Details

ID	Year	Scenario	Time period	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)	Run automatically
D15	2042	Local Plan + Site 1 + Site 2	AM	ONE HOUR	07:45	09:15	15	✓

Demand overview (Traffic)

Arm	Linked arm	Profile type	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
A		ONE HOUR	✓	91	100.000
B		ONE HOUR	✓	583	100.000
C		ONE HOUR	✓	415	100.000

Origin-Destination Data

Demand (PCU/hr)

	To			
From		A	B	C
	A	0	91	0
	B	242	0	341
	C	0	415	0

Vehicle Mix

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

Heavy Vehicle %

	To			
From		A	B	C
	A	0	3	0
	B	1	0	1
	C	0	2	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/hr)	Total Junction Arrivals (PCU)
B-C	0.97	93.45	9.6	F	313	469
B-A	0.95	112.72	7.9	F	222	333
C-AB	0.76	24.73	3.0	C	381	571
C-A					0	0
A-B					84	125
A-C					0	0

Main Results for each time segment

07:45 - 08:00

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	257	64	0.00	584	0.440	254	0.0	0.8	10.908	B
B-A	182	46	0.00	380	0.480	179	0.0	0.9	17.772	C
C-AB	312	78	0.00	611	0.511	308	0.0	1.0	11.965	B
C-A	0	0	0.00			0				
A-B	69	17	0.00			69				
A-C	0	0	0.00			0				

08:00 - 08:15

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	307	77	0.00	539	0.569	305	0.8	1.3	15.362	C
B-A	218	54	0.00	350	0.622	215	0.9	1.5	26.427	D
C-AB	373	93	0.00	608	0.614	371	1.0	1.6	15.350	C
C-A	0	0	0.00			0				
A-B	82	20	0.00			82				
A-C	0	0	0.00			0				

08:15 - 08:30

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	375	94	0.00	414	0.906	357	1.3	5.8	52.665	F
B-A	266	67	0.00	289	0.921	250	1.5	5.6	73.275	F
C-AB	457	114	0.00	604	0.757	452	1.6	2.9	23.346	C
C-A	0	0	0.00			0				
A-B	100	25	0.00			100				
A-C	0	0	0.00			0				

08:30 - 08:45

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	375	94	0.00	387	0.970	360	5.8	9.6	93.452	F
B-A	266	67	0.00	280	0.950	257	5.6	7.9	112.716	F
C-AB	457	114	0.00	604	0.757	456	2.9	3.0	24.729	C
C-A	0	0	0.00			0				
A-B	100	25	0.00			100				
A-C	0	0	0.00			0				

08:45 - 09:00

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	307	77	0.00	501	0.612	338	9.6	1.7	26.195	D
B-A	218	54	0.00	337	0.646	241	7.9	2.0	44.656	E
C-AB	373	93	0.00	608	0.614	378	3.0	1.7	16.342	C
C-A	0	0	0.00			0				
A-B	82	20	0.00			82				
A-C	0	0	0.00			0				

09:00 - 09:15

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	257	64	0.00	577	0.445	260	1.7	0.8	11.596	B
B-A	182	46	0.00	378	0.483	186	2.0	1.0	19.406	C
C-AB	312	78	0.00	611	0.511	315	1.7	1.1	12.485	B
C-A	0	0	0.00			0				
A-B	69	17	0.00			69				
A-C	0	0	0.00			0				

D16 - 2042 | Local Plan + Site 1 + Site 2 | PM

Data Errors and Warnings

Severity	Area	Item	Description
Warning	Major arm width	Arm C - Major arm geometry	For two-way major roads, please interpret results with caution if the total major carriageway width is less than 6m.

Junction Network

Junctions

Junction	Name	Junction type	Arm A Direction	Arm B Direction	Arm C Direction	Junction Delay (s)	Junction LOS
1	untitled	T-Junction	Two-way	Two-way	Two-way	79.56	F

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	79.56	F

Traffic Demand

Demand Set Details

ID	Year	Scenario	Time period	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)	Run automatically
D16	2042	Local Plan + Site 1 + Site 2	PM	ONE HOUR	16:45	18:15	15	✓

Demand overview (Traffic)

Arm	Linked arm	Profile type	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
A		ONE HOUR	✓	55	100.000
B		ONE HOUR	✓	492	100.000
C		ONE HOUR	✓	512	100.000

Origin-Destination Data

Demand (PCU/hr)

	To			
		A	B	C
	A	0	55	0
	B	248	0	244
	C	0	512	0

Vehicle Mix

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

Heavy Vehicle %

	To			
		A	B	C
	A	0	1	0
	B	5	0	2
	C	0	1	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/hr)	Total Junction Arrivals (PCU)
B-C	0.98	105.91	8.1	F	224	336
B-A	0.95	116.12	8.3	F	228	341
C-AB	0.92	57.84	8.4	F	470	705
C-A					0	0
A-B					50	76
A-C					0	0

Main Results for each time segment

16:45 - 17:00

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	184	46	0.00	561	0.327	182	0.0	0.5	9.634	A
B-A	187	47	0.00	374	0.499	183	0.0	1.0	19.393	C
C-AB	385	96	0.00	618	0.624	379	0.0	1.6	14.855	B
C-A	0	0	0.00			0				
A-B	41	10	0.00			41				
A-C	0	0	0.00			0				

17:00 - 17:15

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	219	55	0.00	506	0.433	218	0.5	0.8	12.707	B
B-A	223	56	0.00	343	0.649	220	1.0	1.8	29.836	D
C-AB	460	115	0.00	616	0.747	456	1.6	2.7	22.045	C
C-A	0	0	0.00			0				
A-B	49	12	0.00			49				
A-C	0	0	0.00			0				

17:15 - 17:30

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	269	67	0.00	323	0.832	257	0.8	3.8	48.978	E
B-A	273	68	0.00	295	0.926	256	1.8	6.0	76.533	F
C-AB	564	141	0.00	613	0.919	546	2.7	7.2	44.997	E
C-A	0	0	0.00			0				
A-B	61	15	0.00			61				
A-C	0	0	0.00			0				

17:30 - 17:45

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	269	67	0.00	274	0.980	251	3.8	8.1	105.907	F
B-A	273	68	0.00	287	0.952	264	6.0	8.3	116.118	F
C-AB	564	141	0.00	613	0.919	559	7.2	8.4	57.840	F
C-A	0	0	0.00			0				
A-B	61	15	0.00			61				
A-C	0	0	0.00			0				

17:45 - 18:00

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	219	55	0.00	450	0.488	248	8.1	1.0	20.636	C
B-A	223	56	0.00	330	0.677	246	8.3	2.5	53.474	F
C-AB	460	115	0.00	616	0.747	481	8.4	3.3	30.000	D
C-A	0	0	0.00			0				
A-B	49	12	0.00			49				
A-C	0	0	0.00			0				

18:00 - 18:15

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	184	46	0.00	551	0.334	186	1.0	0.5	10.109	B
B-A	187	47	0.00	370	0.504	192	2.5	1.1	21.807	C
C-AB	385	96	0.00	618	0.624	392	3.3	1.7	16.469	C
C-A	0	0	0.00			0				
A-B	41	10	0.00			41				
A-C	0	0	0.00			0				