

Junctions 11			
PICADY 11 - Priority Intersection Module			
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Filename: Junction 10 - Longfield Road_Huntingfield 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 11:58:22

»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	0.1	7.67	0.08	D2	0.2	7.66	0.15
Stream C-AB		0.1	5.30	0.08		0.1	5.40	0.10
	2032 - Reference Case + Site 2							
Stream B-AC	D5	0.1	7.75	0.08	D6	0.2	7.76	0.15
Stream C-AB		0.1	5.26	0.09		0.1	5.34	0.10
	2032 - Reference Case + Site 1 + Site 2							
Stream B-AC	D7	0.1	7.79	0.08	D8	0.2	7.98	0.16
Stream C-AB		0.1	5.22	0.09		0.1	5.32	0.10
	2042 - Local Plan							
Stream B-AC	D9	0.2	8.96	0.16	D10	0.3	8.52	0.20
Stream C-AB		0.2	4.82	0.11		0.2	5.60	0.16
	2042 - Local Plan + Site 2							
Stream B-AC	D13	0.2	9.04	0.16	D14	0.3	8.63	0.21
Stream C-AB		0.2	4.83	0.11		0.3	5.55	0.16
	2042 - Local Plan + Site 1 + Site 2							
Stream B-AC	D15	0.2	9.15	0.16	D16	0.3	8.75	0.21
Stream C-AB		0.2	4.81	0.11		0.3	5.60	0.16

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

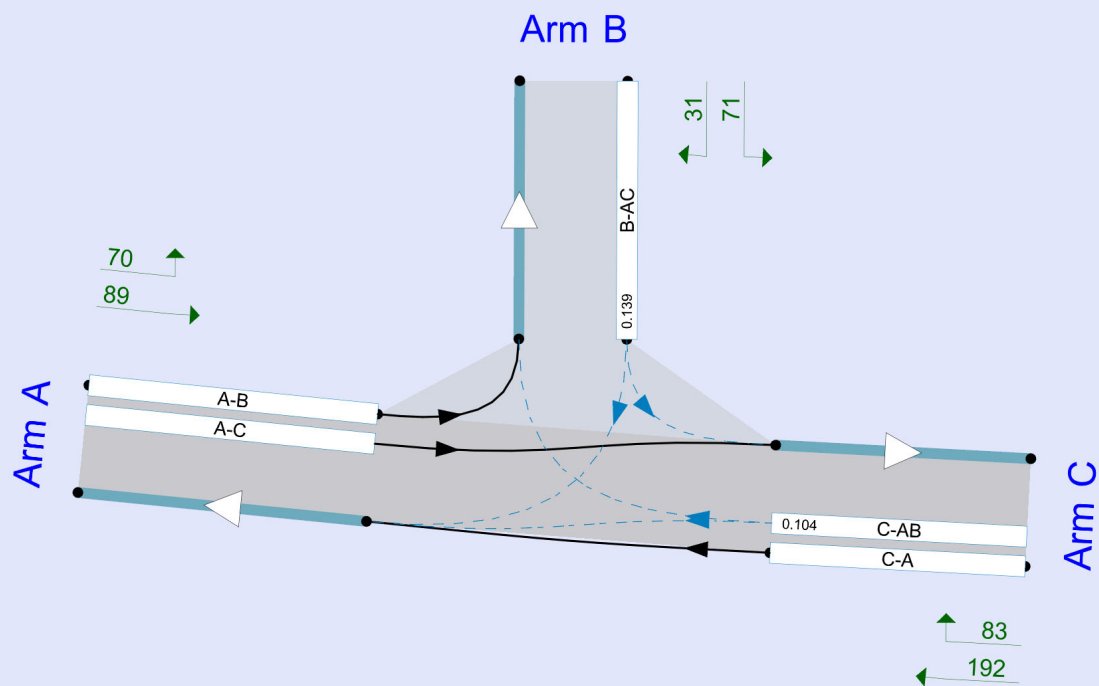
File summary

File Description

Title	
Location	Longfield Road/Huntingfield Road
Site number	10
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
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	✓
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	1.42	A

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	1.42	A

Arms

Arms

Arm	Name	Description	Arm type
A	Longfield Road W		Major
B	Huntingfield Road		Minor
C	Longfield 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	6.60			189.5	✓	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	3.12	23	22

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	502	0.089	0.224	0.141	0.320
B-C	646	0.097	0.245	-	-
C-B	684	0.258	0.258	-	-

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	✓	172	100.000
B		ONE HOUR	✓	38	100.000
C		ONE HOUR	✓	202	100.000

Origin-Destination Data

Demand (PCU/hr)

	To			
From		A	B	C
	A	0	15	157
	B	13	0	25
	C	158	44	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	0
	B	1	0	4
	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-AC	0.08	7.67	0.1	A	35	52
C-AB	0.08	5.30	0.1	A	51	76
C-A					135	202
A-B					14	21
A-C					144	216

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	29	7	0.00	545	0.052	28	0.0	0.1	7.169	A
C-AB	40	10	0.00	726	0.055	39	0.0	0.1	5.283	A
C-A	112	28	0.00			112				
A-B	11	3	0.00			11				
A-C	118	30	0.00			118				

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	34	9	0.00	537	0.064	34	0.1	0.1	7.375	A
C-AB	49	12	0.00	735	0.067	49	0.1	0.1	5.292	A
C-A	133	33	0.00			133				
A-B	13	3	0.00			13				
A-C	141	35	0.00			141				

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	42	10	0.00	525	0.080	42	0.1	0.1	7.672	A
C-AB	63	16	0.00	748	0.085	63	0.1	0.1	5.303	A
C-A	159	40	0.00			159				
A-B	17	4	0.00			17				
A-C	173	43	0.00			173				

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	42	10	0.00	525	0.080	42	0.1	0.1	7.672	A
C-AB	63	16	0.00	748	0.085	63	0.1	0.1	5.302	A
C-A	159	40	0.00			159				
A-B	17	4	0.00			17				
A-C	173	43	0.00			173				

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	34	9	0.00	537	0.064	34	0.1	0.1	7.380	A
C-AB	49	12	0.00	735	0.067	49	0.1	0.1	5.293	A
C-A	132	33	0.00			132				
A-B	13	3	0.00			13				
A-C	141	35	0.00			141				

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	29	7	0.00	545	0.052	29	0.1	0.1	7.179	A
C-AB	40	10	0.00	726	0.055	40	0.1	0.1	5.287	A
C-A	112	28	0.00			112				
A-B	11	3	0.00			11				
A-C	118	30	0.00			118				

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	2.49	A

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	2.49	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	✓	108	100.000
B		ONE HOUR	✓	75	100.000
C		ONE HOUR	✓	186	100.000

Origin-Destination Data

Demand (PCU/hr)

	To			
		A	B	C
	A	0	35	73
	B	23	0	52
	C	133	53	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	0
	B	0	0	0
	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	0.15	7.66	0.2	A	69	103
C-AB	0.10	5.40	0.1	A	59	88
C-A					112	168
A-B					32	48
A-C					67	100

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	56	14	0.00	566	0.100	56	0.0	0.1	7.057	A
C-AB	46	12	0.00	726	0.064	46	0.0	0.1	5.343	A
C-A	94	23	0.00			94				
A-B	26	7	0.00			26				
A-C	55	14	0.00			55				

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	67	17	0.00	560	0.120	67	0.1	0.1	7.302	A
C-AB	57	14	0.00	734	0.078	57	0.1	0.1	5.365	A
C-A	110	28	0.00			110				
A-B	31	8	0.00			31				
A-C	66	16	0.00			66				

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	83	21	0.00	552	0.149	82	0.1	0.2	7.657	A
C-AB	73	18	0.00	746	0.097	73	0.1	0.1	5.396	A
C-A	132	33	0.00			132				
A-B	39	10	0.00			39				
A-C	80	20	0.00			80				

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	83	21	0.00	552	0.149	83	0.2	0.2	7.660	A
C-AB	73	18	0.00	746	0.097	73	0.1	0.1	5.400	A
C-A	132	33	0.00			132				
A-B	39	10	0.00			39				
A-C	80	20	0.00			80				

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	67	17	0.00	560	0.120	68	0.2	0.1	7.313	A
C-AB	57	14	0.00	735	0.078	57	0.1	0.1	5.371	A
C-A	110	28	0.00			110				
A-B	31	8	0.00			31				
A-C	66	16	0.00			66				

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	56	14	0.00	566	0.100	57	0.1	0.1	7.072	A
C-AB	46	12	0.00	726	0.064	46	0.1	0.1	5.353	A
C-A	94	23	0.00			94				
A-B	26	7	0.00			26				
A-C	55	14	0.00			55				

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	1.35	A

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	1.35	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	✓	187	100.000
B		ONE HOUR	✓	38	100.000
C		ONE HOUR	✓	211	100.000

Origin-Destination Data

Demand (PCU/hr)

		To		
From		A	B	C
	A	0	16	171
	B	13	0	25
	C	167	44	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	0
	B	1	0	4
	C	1	0	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/hr)	Total Junction Arrivals (PCU)
B-AC	0.08	7.75	0.1	A	35	52
C-AB	0.09	5.26	0.1	A	51	77
C-A					142	213
A-B					15	22
A-C					157	235

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	29	7	0.00	542	0.053	28	0.0	0.1	7.212	A
C-AB	40	10	0.00	728	0.055	40	0.0	0.1	5.240	A
C-A	119	30	0.00			119				
A-B	12	3	0.00			12				
A-C	129	32	0.00			129				

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	34	9	0.00	533	0.064	34	0.1	0.1	7.430	A
C-AB	50	12	0.00	737	0.067	50	0.1	0.1	5.249	A
C-A	140	35	0.00			140				
A-B	14	4	0.00			14				
A-C	154	38	0.00			154				

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	42	10	0.00	520	0.080	42	0.1	0.1	7.745	A
C-AB	64	16	0.00	750	0.086	64	0.1	0.1	5.262	A
C-A	168	42	0.00			168				
A-B	18	4	0.00			18				
A-C	188	47	0.00			188				

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	42	10	0.00	520	0.080	42	0.1	0.1	7.746	A
C-AB	64	16	0.00	750	0.086	64	0.1	0.1	5.263	A
C-A	168	42	0.00			168				
A-B	18	4	0.00			18				
A-C	188	47	0.00			188				

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	34	9	0.00	533	0.064	34	0.1	0.1	7.432	A
C-AB	50	12	0.00	737	0.068	50	0.1	0.1	5.252	A
C-A	140	35	0.00			140				
A-B	14	4	0.00			14				
A-C	154	38	0.00			154				

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	29	7	0.00	542	0.053	29	0.1	0.1	7.222	A
C-AB	40	10	0.00	728	0.055	40	0.1	0.1	5.247	A
C-A	119	30	0.00			119				
A-B	12	3	0.00			12				
A-C	129	32	0.00			129				

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	2.38	A

Junction Network

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

Traffic Demand

Demand Set Details

ID	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	✓	116	100.000
B		ONE HOUR	✓	76	100.000
C		ONE HOUR	✓	202	100.000

Origin-Destination Data

Demand (PCU/hr)

	To			
		A	B	C
	A	0	37	79
	B	24	0	52
	C	149	53	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	0
	B	0	0	0
	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	0.15	7.76	0.2	A	70	105
C-AB	0.10	5.34	0.1	A	60	90
C-A					125	188
A-B					34	51
A-C					72	109

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	57	14	0.00	562	0.102	57	0.0	0.1	7.120	A
C-AB	47	12	0.00	732	0.064	47	0.0	0.1	5.302	A
C-A	105	26	0.00			105				
A-B	28	7	0.00			28				
A-C	59	15	0.00			59				

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	68	17	0.00	556	0.123	68	0.1	0.1	7.379	A
C-AB	58	15	0.00	742	0.078	58	0.1	0.1	5.317	A
C-A	123	31	0.00			123				
A-B	33	8	0.00			33				
A-C	71	18	0.00			71				

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	84	21	0.00	548	0.153	84	0.1	0.2	7.755	A
C-AB	75	19	0.00	756	0.099	74	0.1	0.1	5.339	A
C-A	148	37	0.00			148				
A-B	41	10	0.00			41				
A-C	87	22	0.00			87				

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	84	21	0.00	548	0.153	84	0.2	0.2	7.759	A
C-AB	75	19	0.00	756	0.099	75	0.1	0.1	5.341	A
C-A	148	37	0.00			148				
A-B	41	10	0.00			41				
A-C	87	22	0.00			87				

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	68	17	0.00	556	0.123	68	0.2	0.1	7.387	A
C-AB	58	15	0.00	742	0.079	58	0.1	0.1	5.323	A
C-A	123	31	0.00			123				
A-B	33	8	0.00			33				
A-C	71	18	0.00			71				

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	57	14	0.00	562	0.102	57	0.1	0.1	7.138	A
C-AB	47	12	0.00	732	0.064	47	0.1	0.1	5.311	A
C-A	105	26	0.00			105				
A-B	28	7	0.00			28				
A-C	59	15	0.00			59				

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	1.30	A

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	1.30	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	✓	189	100.000
B		ONE HOUR	✓	38	100.000
C		ONE HOUR	✓	234	100.000

Origin-Destination Data

Demand (PCU/hr)

	To			
		A	B	C
	A	0	16	173
	B	13	0	25
	C	190	44	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	0
	B	1	0	4
	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	0.08	7.79	0.1	A	35	52
C-AB	0.09	5.22	0.1	A	53	80
C-A					162	242
A-B					15	22
A-C					159	238

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	29	7	0.00	540	0.053	28	0.0	0.1	7.234	A
C-AB	41	10	0.00	739	0.056	41	0.0	0.1	5.210	A
C-A	135	34	0.00			135				
A-B	12	3	0.00			12				
A-C	130	33	0.00			130				

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	34	9	0.00	531	0.064	34	0.1	0.1	7.459	A
C-AB	51	13	0.00	750	0.068	51	0.1	0.1	5.205	A
C-A	159	40	0.00			159				
A-B	14	4	0.00			14				
A-C	156	39	0.00			156				

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	42	10	0.00	518	0.081	42	0.1	0.1	7.784	A
C-AB	67	17	0.00	766	0.087	67	0.1	0.1	5.199	A
C-A	191	48	0.00			191				
A-B	18	4	0.00			18				
A-C	190	48	0.00			190				

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	42	10	0.00	518	0.081	42	0.1	0.1	7.786	A
C-AB	67	17	0.00	766	0.087	67	0.1	0.1	5.203	A
C-A	191	48	0.00			191				
A-B	18	4	0.00			18				
A-C	190	48	0.00			190				

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	34	9	0.00	531	0.064	34	0.1	0.1	7.462	A
C-AB	51	13	0.00	750	0.068	51	0.1	0.1	5.209	A
C-A	159	40	0.00			159				
A-B	14	4	0.00			14				
A-C	156	39	0.00			156				

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	29	7	0.00	540	0.053	29	0.1	0.1	7.242	A
C-AB	41	10	0.00	739	0.056	41	0.1	0.1	5.216	A
C-A	135	34	0.00			135				
A-B	12	3	0.00			12				
A-C	130	33	0.00			130				

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	2.43	A

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	2.43	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
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	✓	120	100.000
B		ONE HOUR	✓	80	100.000
C		ONE HOUR	✓	208	100.000

Origin-Destination Data

Demand (PCU/hr)

	To			
		A	B	C
	A	0	46	74
	B	25	0	55
	C	155	53	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	0
	B	0	0	3
	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	0.16	7.98	0.2	A	73	110
C-AB	0.10	5.32	0.1	A	61	91
C-A					130	196
A-B					42	63
A-C					68	102

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	60	15	0.00	563	0.107	60	0.0	0.1	7.301	A
C-AB	47	12	0.00	734	0.065	47	0.0	0.1	5.289	A
C-A	109	27	0.00			109				
A-B	35	9	0.00			35				
A-C	56	14	0.00			56				

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	72	18	0.00	557	0.129	72	0.1	0.2	7.576	A
C-AB	59	15	0.00	744	0.079	59	0.1	0.1	5.303	A
C-A	128	32	0.00			128				
A-B	41	10	0.00			41				
A-C	67	17	0.00			67				

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	88	22	0.00	548	0.161	88	0.1	0.2	7.981	A
C-AB	75	19	0.00	759	0.099	75	0.1	0.1	5.320	A
C-A	154	38	0.00			154				
A-B	51	13	0.00			51				
A-C	81	20	0.00			81				

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	88	22	0.00	548	0.161	88	0.2	0.2	7.984	A
C-AB	75	19	0.00	759	0.099	75	0.1	0.1	5.322	A
C-A	154	38	0.00			154				
A-B	51	13	0.00			51				
A-C	81	20	0.00			81				

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	72	18	0.00	556	0.129	72	0.2	0.2	7.588	A
C-AB	59	15	0.00	745	0.079	59	0.1	0.1	5.304	A
C-A	128	32	0.00			128				
A-B	41	10	0.00			41				
A-C	67	17	0.00			67				

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	60	15	0.00	562	0.107	60	0.2	0.1	7.316	A
C-AB	48	12	0.00	734	0.065	48	0.1	0.1	5.298	A
C-A	109	27	0.00			109				
A-B	35	9	0.00			35				
A-C	56	14	0.00			56				

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	1.62	A

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	1.62	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
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	✓	174	100.000
B		ONE HOUR	✓	70	100.000
C		ONE HOUR	✓	377	100.000

Origin-Destination Data

Demand (PCU/hr)

	To			
From		A	B	C
	A	0	20	154
	B	31	0	39
	C	327	50	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	0
	B	1	0	3
	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-AC	0.16	8.96	0.2	A	64	96
C-AB	0.11	4.82	0.2	A	73	109
C-A					273	410
A-B					18	28
A-C					141	212

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	53	13	0.00	515	0.102	52	0.0	0.1	7.928	A
C-AB	54	14	0.00	807	0.067	54	0.0	0.1	4.811	A
C-A	230	57	0.00			230				
A-B	15	4	0.00			15				
A-C	116	29	0.00			116				

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	63	16	0.00	504	0.125	63	0.1	0.1	8.335	A
C-AB	70	17	0.00	832	0.084	70	0.1	0.1	4.752	A
C-A	269	67	0.00			269				
A-B	18	4	0.00			18				
A-C	138	35	0.00			138				

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	77	19	0.00	487	0.158	77	0.1	0.2	8.950	A
C-AB	94	24	0.00	868	0.109	94	0.1	0.2	4.687	A
C-A	321	80	0.00			321				
A-B	22	6	0.00			22				
A-C	170	42	0.00			170				

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	77	19	0.00	487	0.158	77	0.2	0.2	8.958	A
C-AB	94	24	0.00	868	0.109	94	0.2	0.2	4.688	A
C-A	321	80	0.00			321				
A-B	22	6	0.00			22				
A-C	170	42	0.00			170				

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	63	16	0.00	504	0.125	63	0.2	0.1	8.348	A
C-AB	70	17	0.00	832	0.084	70	0.2	0.2	4.753	A
C-A	269	67	0.00			269				
A-B	18	4	0.00			18				
A-C	138	35	0.00			138				

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	53	13	0.00	515	0.102	53	0.1	0.1	7.951	A
C-AB	54	14	0.00	807	0.067	54	0.2	0.1	4.815	A
C-A	229	57	0.00			229				
A-B	15	4	0.00			15				
A-C	116	29	0.00			116				

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	2.97	A

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	2.97	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	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	✓	129	100.000
B		ONE HOUR	✓	101	100.000
C		ONE HOUR	✓	261	100.000

Origin-Destination Data

Demand (PCU/hr)

	To			
From		A	B	C
	A	0	67	62
	B	30	0	71
	C	178	83	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	0
	B	0	0	4
	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	0.20	8.52	0.3	A	93	139
C-AB	0.16	5.60	0.2	A	98	147
C-A					142	212
A-B					61	92
A-C					57	85

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	76	19	0.00	562	0.135	75	0.0	0.2	7.599	A
C-AB	76	19	0.00	744	0.103	76	0.0	0.1	5.441	A
C-A	120	30	0.00			120				
A-B	50	13	0.00			50				
A-C	47	12	0.00			47				

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	91	23	0.00	555	0.164	91	0.2	0.2	7.967	A
C-AB	95	24	0.00	756	0.125	95	0.1	0.2	5.500	A
C-A	140	35	0.00			140				
A-B	60	15	0.00			60				
A-C	56	14	0.00			56				

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	111	28	0.00	545	0.204	111	0.2	0.3	8.511	A
C-AB	123	31	0.00	773	0.159	122	0.2	0.2	5.592	A
C-A	165	41	0.00			165				
A-B	74	18	0.00			74				
A-C	68	17	0.00			68				

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	111	28	0.00	545	0.204	111	0.3	0.3	8.520	A
C-AB	123	31	0.00	773	0.159	123	0.2	0.2	5.598	A
C-A	165	41	0.00			165				
A-B	74	18	0.00			74				
A-C	68	17	0.00			68				

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	91	23	0.00	555	0.164	91	0.3	0.2	7.981	A
C-AB	95	24	0.00	756	0.126	95	0.2	0.2	5.509	A
C-A	140	35	0.00			140				
A-B	60	15	0.00			60				
A-C	56	14	0.00			56				

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	76	19	0.00	562	0.135	76	0.2	0.2	7.627	A
C-AB	76	19	0.00	744	0.103	77	0.2	0.1	5.454	A
C-A	120	30	0.00			120				
A-B	50	13	0.00			50				
A-C	47	12	0.00			47				

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	1.60	A

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	1.60	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
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	✓	188	100.000
B		ONE HOUR	✓	70	100.000
C		ONE HOUR	✓	377	100.000

Origin-Destination Data

Demand (PCU/hr)

	To			
From		A	B	C
	A	0	21	167
	B	31	0	39
	C	327	50	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	0
	B	1	0	3
	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-AC	0.16	9.04	0.2	A	64	96
C-AB	0.11	4.83	0.2	A	73	109
C-A					273	409
A-B					19	29
A-C					153	230

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	53	13	0.00	513	0.103	52	0.0	0.1	7.970	A
C-AB	54	14	0.00	805	0.067	54	0.0	0.1	4.827	A
C-A	230	57	0.00			230				
A-B	16	4	0.00			16				
A-C	126	31	0.00			126				

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	63	16	0.00	501	0.126	63	0.1	0.1	8.390	A
C-AB	70	17	0.00	830	0.084	70	0.1	0.1	4.771	A
C-A	269	67	0.00			269				
A-B	19	5	0.00			19				
A-C	150	38	0.00			150				

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	77	19	0.00	484	0.159	77	0.1	0.2	9.028	A
C-AB	95	24	0.00	864	0.109	94	0.1	0.2	4.707	A
C-A	320	80	0.00			320				
A-B	23	6	0.00			23				
A-C	184	46	0.00			184				

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	77	19	0.00	484	0.159	77	0.2	0.2	9.036	A
C-AB	95	24	0.00	864	0.110	95	0.2	0.2	4.709	A
C-A	320	80	0.00			320				
A-B	23	6	0.00			23				
A-C	184	46	0.00			184				

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	63	16	0.00	501	0.126	63	0.2	0.1	8.401	A
C-AB	70	17	0.00	830	0.084	70	0.2	0.2	4.771	A
C-A	269	67	0.00			269				
A-B	19	5	0.00			19				
A-C	150	38	0.00			150				

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	53	13	0.00	513	0.103	53	0.1	0.1	7.992	A
C-AB	54	14	0.00	805	0.068	55	0.2	0.1	4.831	A
C-A	229	57	0.00			229				
A-B	16	4	0.00			16				
A-C	126	31	0.00			126				

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	2.88	A

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	2.88	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
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	✓	138	100.000
B		ONE HOUR	✓	102	100.000
C		ONE HOUR	✓	273	100.000

Origin-Destination Data

Demand (PCU/hr)

	To			
From		A	B	C
	A	0	69	69
	B	31	0	71
	C	191	82	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	0
	B	0	0	4
	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	0.21	8.63	0.3	A	94	140
C-AB	0.16	5.55	0.3	A	99	148
C-A					152	228
A-B					63	95
A-C					63	95

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	77	19	0.00	558	0.138	76	0.0	0.2	7.661	A
C-AB	76	19	0.00	748	0.102	76	0.0	0.1	5.405	A
C-A	129	32	0.00			129				
A-B	52	13	0.00			52				
A-C	52	13	0.00			52				

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	92	23	0.00	551	0.166	92	0.2	0.2	8.046	A
C-AB	95	24	0.00	761	0.125	95	0.1	0.2	5.459	A
C-A	150	38	0.00			150				
A-B	62	16	0.00			62				
A-C	62	16	0.00			62				

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	112	28	0.00	541	0.208	112	0.2	0.3	8.617	A
C-AB	124	31	0.00	780	0.159	124	0.2	0.3	5.544	A
C-A	177	44	0.00			177				
A-B	76	19	0.00			76				
A-C	76	19	0.00			76				

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	112	28	0.00	541	0.208	112	0.3	0.3	8.628	A
C-AB	124	31	0.00	780	0.159	124	0.3	0.3	5.548	A
C-A	177	44	0.00			177				
A-B	76	19	0.00			76				
A-C	76	19	0.00			76				

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	92	23	0.00	551	0.166	92	0.3	0.2	8.062	A
C-AB	95	24	0.00	761	0.125	96	0.3	0.2	5.468	A
C-A	150	38	0.00			150				
A-B	62	16	0.00			62				
A-C	62	16	0.00			62				

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	77	19	0.00	558	0.138	77	0.2	0.2	7.688	A
C-AB	77	19	0.00	748	0.102	77	0.2	0.1	5.416	A
C-A	129	32	0.00			129				
A-B	52	13	0.00			52				
A-C	52	13	0.00			52				

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	1.59	A

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	1.59	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
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	✓	193	100.000
B		ONE HOUR	✓	71	100.000
C		ONE HOUR	✓	388	100.000

Origin-Destination Data

Demand (PCU/hr)

	To			
From		A	B	C
	A	0	21	172
	B	32	0	39
	C	338	50	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	0
	B	1	0	3
	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-AC	0.16	9.15	0.2	A	65	98
C-AB	0.11	4.81	0.2	A	74	111
C-A					282	423
A-B					19	29
A-C					158	237

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	53	13	0.00	510	0.105	53	0.0	0.1	8.037	A
C-AB	55	14	0.00	809	0.068	54	0.0	0.1	4.803	A
C-A	237	59	0.00			237				
A-B	16	4	0.00			16				
A-C	129	32	0.00			129				

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	64	16	0.00	497	0.128	64	0.1	0.1	8.475	A
C-AB	71	18	0.00	835	0.085	71	0.1	0.2	4.742	A
C-A	278	69	0.00			278				
A-B	19	5	0.00			19				
A-C	155	39	0.00			155				

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	78	20	0.00	480	0.163	78	0.1	0.2	9.145	A
C-AB	96	24	0.00	871	0.111	96	0.2	0.2	4.677	A
C-A	331	83	0.00			331				
A-B	23	6	0.00			23				
A-C	189	47	0.00			189				

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	78	20	0.00	480	0.163	78	0.2	0.2	9.153	A
C-AB	96	24	0.00	871	0.111	96	0.2	0.2	4.678	A
C-A	331	83	0.00			331				
A-B	23	6	0.00			23				
A-C	189	47	0.00			189				

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	64	16	0.00	497	0.128	64	0.2	0.2	8.489	A
C-AB	71	18	0.00	835	0.085	71	0.2	0.2	4.745	A
C-A	278	69	0.00			278				
A-B	19	5	0.00			19				
A-C	155	39	0.00			155				

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	53	13	0.00	510	0.105	54	0.2	0.1	8.061	A
C-AB	55	14	0.00	809	0.068	55	0.2	0.1	4.806	A
C-A	237	59	0.00			237				
A-B	16	4	0.00			16				
A-C	129	32	0.00			129				

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	2.80	A

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	2.80	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
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	✓	159	100.000
B		ONE HOUR	✓	102	100.000
C		ONE HOUR	✓	275	100.000

Origin-Destination Data

Demand (PCU/hr)

	To			
From		A	B	C
	A	0	70	89
	B	31	0	71
	C	192	83	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	0
	B	0	0	4
	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	0.21	8.75	0.3	A	94	140
C-AB	0.16	5.60	0.3	A	100	150
C-A					152	228
A-B					64	96
A-C					82	123

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	77	19	0.00	554	0.139	76	0.0	0.2	7.724	A
C-AB	78	19	0.00	745	0.104	77	0.0	0.1	5.440	A
C-A	130	32	0.00			130				
A-B	53	13	0.00			53				
A-C	67	17	0.00			67				

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	92	23	0.00	546	0.168	92	0.2	0.2	8.129	A
C-AB	97	24	0.00	757	0.128	97	0.1	0.2	5.502	A
C-A	150	38	0.00			150				
A-B	63	16	0.00			63				
A-C	80	20	0.00			80				

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	112	28	0.00	535	0.210	112	0.2	0.3	8.734	A
C-AB	126	31	0.00	775	0.162	126	0.2	0.3	5.600	A
C-A	177	44	0.00			177				
A-B	77	19	0.00			77				
A-C	98	24	0.00			98				

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	112	28	0.00	535	0.210	112	0.3	0.3	8.745	A
C-AB	126	31	0.00	775	0.162	126	0.3	0.3	5.604	A
C-A	177	44	0.00			177				
A-B	77	19	0.00			77				
A-C	98	24	0.00			98				

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	92	23	0.00	546	0.168	92	0.3	0.2	8.145	A
C-AB	97	24	0.00	758	0.128	97	0.3	0.2	5.509	A
C-A	150	38	0.00			150				
A-B	63	16	0.00			63				
A-C	80	20	0.00			80				

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	77	19	0.00	554	0.139	77	0.2	0.2	7.752	A
C-AB	78	19	0.00	745	0.104	78	0.2	0.2	5.454	A
C-A	129	32	0.00			129				
A-B	53	13	0.00			53				
A-C	67	17	0.00			67				

Junctions 11

PICADY 11 - Priority Intersection Module

Version: 11.1.1.2424
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Filename: Junction 11 - Main Road_Manor 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 12:05:37

»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	0.1	7.61	0.13	D2	0.2	7.86	0.15
Stream C-AB		0.1	5.35	0.04		0.0	5.83	0.01
	2032 - Reference Case + Site 2							
Stream B-AC	D5	0.2	7.68	0.14	D6	0.2	7.91	0.15
Stream C-AB		0.1	5.36	0.04		0.0	5.81	0.01
	2032 - Reference Case + Site 1 + Site 2							
Stream B-AC	D7	0.2	7.79	0.16	D8	0.2	7.95	0.15
Stream C-AB		0.1	5.38	0.04		0.0	5.80	0.01
	2042 - Local Plan							
Stream B-AC	D9	0.2	8.94	0.15	D10	0.2	8.28	0.18
Stream C-AB		0.1	5.71	0.07		0.0	5.77	0.01
	2042 - Local Plan + Site 2							
Stream B-AC	D13	0.2	9.04	0.16	D14	0.2	8.33	0.18
Stream C-AB		0.1	5.72	0.07		0.0	5.74	0.01
	2042 - Local Plan + Site 1 + Site 2							
Stream B-AC	D15	0.2	9.17	0.16	D16	0.2	8.36	0.18
Stream C-AB		0.1	5.71	0.07		0.0	5.64	0.01

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.

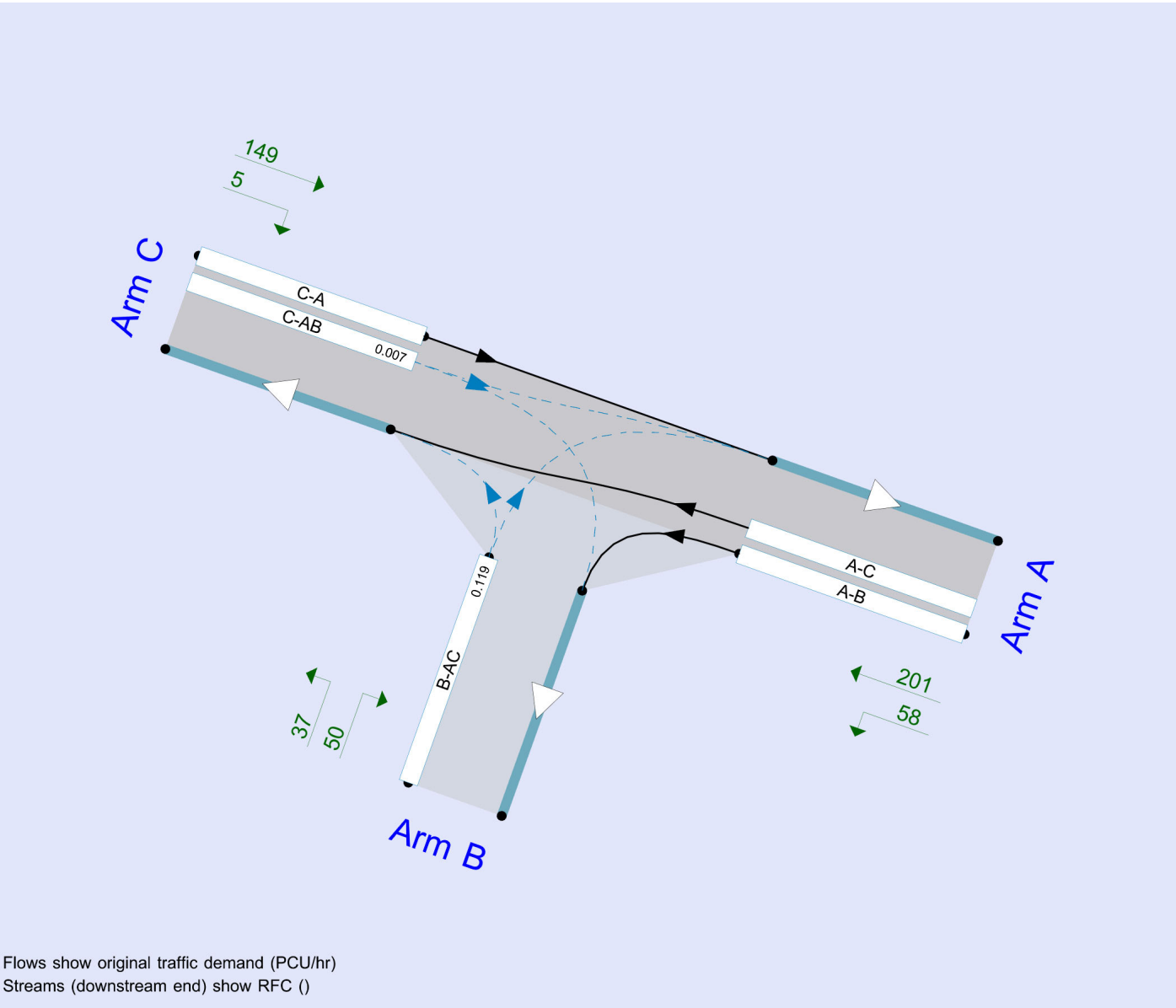
File summary

File Description

Title	
Location	Main Road/Manor Road
Site number	11
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	Vehicle Mix	Junction 1	HV% is zero for all movements / time segments. Vehicle Mix matrix should be completed whether working in PCUs or Vehs. If HV% at the junction is genuinely zero, please ignore this warning.

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	1.27	A

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	1.27	A

Arms

Arms

Arm	Name	Description	Arm type
A	Main Road E		Major
B	Manor Road		Minor
C	Main Road W		Major

Major Arm Geometry

Arm	Width of carriageway (m)	Has kerbed central reserve	Has right-turn storage	Visibility for right turn (m)	Blocks?	Blocking queue (PCU)
C	6.70			64.3	✓	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	3.58	77	50

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	558	0.098	0.247	0.155	0.353
B-C	693	0.104	0.263	-	-
C-B	611	0.230	0.230	-	-

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	✓	190	100.000
B		ONE HOUR	✓	64	100.000
C		ONE HOUR	✓	242	100.000

Origin-Destination Data

Demand (PCU/hr)

	To			
From		A	B	C
	A	0	31	159
	B	31	0	33
	C	223	19	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	0
	B	0	0	0
	C	0	0	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/hr)	Total Junction Arrivals (PCU)
B-AC	0.13	7.61	0.1	A	59	88
C-AB	0.04	5.35	0.1	A	25	37
C-A					197	296
A-B					28	43
A-C					146	219

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	48	12	0.00	568	0.085	48	0.0	0.1	6.915	A
C-AB	19	5	0.00	692	0.027	19	0.0	0.0	5.345	A
C-A	163	41	0.00			163				
A-B	23	6	0.00			23				
A-C	120	30	0.00			120				

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	58	14	0.00	558	0.103	57	0.1	0.1	7.196	A
C-AB	24	6	0.00	709	0.034	24	0.0	0.0	5.255	A
C-A	194	48	0.00			194				
A-B	28	7	0.00			28				
A-C	143	36	0.00			143				

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	70	18	0.00	543	0.130	70	0.1	0.1	7.609	A
C-AB	32	8	0.00	732	0.043	31	0.0	0.1	5.139	A
C-A	235	59	0.00			235				
A-B	34	9	0.00			34				
A-C	175	44	0.00			175				

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	70	18	0.00	543	0.130	70	0.1	0.1	7.612	A
C-AB	32	8	0.00	732	0.043	32	0.1	0.1	5.142	A
C-A	235	59	0.00			235				
A-B	34	9	0.00			34				
A-C	175	44	0.00			175				

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	58	14	0.00	558	0.103	58	0.1	0.1	7.203	A
C-AB	24	6	0.00	709	0.034	24	0.1	0.0	5.257	A
C-A	194	48	0.00			194				
A-B	28	7	0.00			28				
A-C	143	36	0.00			143				

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	48	12	0.00	568	0.085	48	0.1	0.1	6.929	A
C-AB	19	5	0.00	692	0.027	19	0.0	0.0	5.346	A
C-A	163	41	0.00			163				
A-B	23	6	0.00			23				
A-C	120	30	0.00			120				

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	1.63	A

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	1.63	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	✓	204	100.000
B		ONE HOUR	✓	73	100.000
C		ONE HOUR	✓	95	100.000

Origin-Destination Data

Demand (PCU/hr)

	To			
From		A	B	C
	A	0	53	151
	B	47	0	26
	C	90	5	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	1
	B	0	0	0
	C	0	0	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/hr)	Total Junction Arrivals (PCU)
B-AC	0.15	7.86	0.2	A	67	100
C-AB	0.01	5.83	0.0	A	5	8
C-A					82	123
A-B					49	73
A-C					139	208

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	55	14	0.00	558	0.099	55	0.0	0.1	7.145	A
C-AB	4	1	0.00	622	0.007	4	0.0	0.0	5.826	A
C-A	67	17	0.00			67				
A-B	40	10	0.00			40				
A-C	114	28	0.00			114				

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	66	16	0.00	550	0.119	66	0.1	0.1	7.431	A
C-AB	5	1	0.00	624	0.008	5	0.0	0.0	5.812	A
C-A	80	20	0.00			80				
A-B	48	12	0.00			48				
A-C	136	34	0.00			136				

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	80	20	0.00	539	0.149	80	0.1	0.2	7.852	A
C-AB	7	2	0.00	628	0.010	7	0.0	0.0	5.792	A
C-A	98	25	0.00			98				
A-B	58	15	0.00			58				
A-C	166	42	0.00			166				

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	80	20	0.00	539	0.149	80	0.2	0.2	7.857	A
C-AB	7	2	0.00	628	0.010	7	0.0	0.0	5.793	A
C-A	98	25	0.00			98				
A-B	58	15	0.00			58				
A-C	166	42	0.00			166				

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	66	16	0.00	550	0.119	66	0.2	0.1	7.442	A
C-AB	5	1	0.00	624	0.008	5	0.0	0.0	5.813	A
C-A	80	20	0.00			80				
A-B	48	12	0.00			48				
A-C	136	34	0.00			136				

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	55	14	0.00	558	0.099	55	0.1	0.1	7.159	A
C-AB	4	1	0.00	622	0.007	4	0.0	0.0	5.829	A
C-A	67	17	0.00			67				
A-B	40	10	0.00			40				
A-C	114	28	0.00			114				

D5 - 2032 | Reference Case + Site 2 | AM

Data Errors and Warnings

Severity	Area	Item	Description
Warning	Vehicle Mix	Junction 1	HV% is zero for all movements / time segments. Vehicle Mix matrix should be completed whether working in PCUs or Vehs. If HV% at the junction is genuinely zero, please ignore this warning.

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	1.31	A

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	1.31	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	✓	198	100.000
B		ONE HOUR	✓	68	100.000
C		ONE HOUR	✓	242	100.000

Origin-Destination Data

Demand (PCU/hr)

	To			
		A	B	C
	A	0	32	166
	B	32	0	36
	C	223	19	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	0
	B	0	0	0
	C	0	0	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/hr)	Total Junction Arrivals (PCU)
B-AC	0.14	7.68	0.2	A	62	94
C-AB	0.04	5.36	0.1	A	25	37
C-A					197	296
A-B					29	44
A-C					152	228

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	51	13	0.00	569	0.090	51	0.0	0.1	6.945	A
C-AB	19	5	0.00	691	0.027	19	0.0	0.0	5.355	A
C-A	163	41	0.00			163				
A-B	24	6	0.00			24				
A-C	125	31	0.00			125				

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	61	15	0.00	558	0.109	61	0.1	0.1	7.237	A
C-AB	24	6	0.00	707	0.034	24	0.0	0.0	5.267	A
C-A	194	48	0.00			194				
A-B	29	7	0.00			29				
A-C	149	37	0.00			149				

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	75	19	0.00	544	0.138	75	0.1	0.2	7.675	A
C-AB	32	8	0.00	730	0.043	32	0.0	0.1	5.152	A
C-A	235	59	0.00			235				
A-B	35	9	0.00			35				
A-C	183	46	0.00			183				

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	75	19	0.00	544	0.138	75	0.2	0.2	7.680	A
C-AB	32	8	0.00	730	0.043	32	0.1	0.1	5.153	A
C-A	235	59	0.00			235				
A-B	35	9	0.00			35				
A-C	183	46	0.00			183				

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	61	15	0.00	558	0.110	61	0.2	0.1	7.244	A
C-AB	24	6	0.00	707	0.034	24	0.1	0.0	5.270	A
C-A	194	48	0.00			194				
A-B	29	7	0.00			29				
A-C	149	37	0.00			149				

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	51	13	0.00	569	0.090	51	0.1	0.1	6.956	A
C-AB	19	5	0.00	691	0.027	19	0.0	0.0	5.358	A
C-A	163	41	0.00			163				
A-B	24	6	0.00			24				
A-C	125	31	0.00			125				

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	1.63	A

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	1.63	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	✓	206	100.000
B		ONE HOUR	✓	74	100.000
C		ONE HOUR	✓	100	100.000

Origin-Destination Data

Demand (PCU/hr)

	To			
From		A	B	C
	A	0	54	152
	B	48	0	26
	C	95	5	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	1
	B	0	0	0
	C	0	0	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/hr)	Total Junction Arrivals (PCU)
B-AC	0.15	7.91	0.2	A	68	102
C-AB	0.01	5.81	0.0	A	5	8
C-A					86	130
A-B					50	74
A-C					139	209

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	56	14	0.00	557	0.100	55	0.0	0.1	7.175	A
C-AB	4	1	0.00	624	0.007	4	0.0	0.0	5.805	A
C-A	71	18	0.00			71				
A-B	41	10	0.00			41				
A-C	114	29	0.00			114				

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	67	17	0.00	548	0.121	66	0.1	0.1	7.468	A
C-AB	5	1	0.00	627	0.008	5	0.0	0.0	5.788	A
C-A	85	21	0.00			85				
A-B	49	12	0.00			49				
A-C	137	34	0.00			137				

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	81	20	0.00	537	0.152	81	0.1	0.2	7.901	A
C-AB	7	2	0.00	631	0.010	7	0.0	0.0	5.762	A
C-A	103	26	0.00			103				
A-B	59	15	0.00			59				
A-C	167	42	0.00			167				

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	81	20	0.00	537	0.152	81	0.2	0.2	7.905	A
C-AB	7	2	0.00	631	0.010	7	0.0	0.0	5.765	A
C-A	103	26	0.00			103				
A-B	59	15	0.00			59				
A-C	167	42	0.00			167				

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	67	17	0.00	548	0.121	67	0.2	0.1	7.479	A
C-AB	5	1	0.00	627	0.008	5	0.0	0.0	5.788	A
C-A	85	21	0.00			85				
A-B	49	12	0.00			49				
A-C	137	34	0.00			137				

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	56	14	0.00	557	0.100	56	0.1	0.1	7.189	A
C-AB	4	1	0.00	624	0.007	4	0.0	0.0	5.806	A
C-A	71	18	0.00			71				
A-B	41	10	0.00			41				
A-C	114	29	0.00			114				

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	1.39	A

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	1.39	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	✓	222	100.000
B		ONE HOUR	✓	78	100.000
C		ONE HOUR	✓	244	100.000

Origin-Destination Data

Demand (PCU/hr)

	To			
		A	B	C
	A	0	34	188
	B	32	0	46
	C	225	19	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	1
	B	0	0	0
	C	0	0	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/hr)	Total Junction Arrivals (PCU)
B-AC	0.16	7.79	0.2	A	72	107
C-AB	0.04	5.38	0.1	A	25	37
C-A					199	298
A-B					31	47
A-C					173	259

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	59	15	0.00	574	0.102	58	0.0	0.1	6.970	A
C-AB	19	5	0.00	688	0.028	19	0.0	0.0	5.377	A
C-A	165	41	0.00			165				
A-B	26	6	0.00			26				
A-C	142	35	0.00			142				

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	70	18	0.00	563	0.125	70	0.1	0.1	7.297	A
C-AB	24	6	0.00	704	0.034	24	0.0	0.0	5.292	A
C-A	195	49	0.00			195				
A-B	31	8	0.00			31				
A-C	169	42	0.00			169				

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	86	21	0.00	548	0.157	86	0.1	0.2	7.792	A
C-AB	32	8	0.00	726	0.044	32	0.0	0.1	5.182	A
C-A	237	59	0.00			237				
A-B	37	9	0.00			37				
A-C	207	52	0.00			207				

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	86	21	0.00	548	0.157	86	0.2	0.2	7.794	A
C-AB	32	8	0.00	726	0.044	32	0.1	0.1	5.185	A
C-A	237	59	0.00			237				
A-B	37	9	0.00			37				
A-C	207	52	0.00			207				

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	70	18	0.00	563	0.125	70	0.2	0.1	7.308	A
C-AB	24	6	0.00	704	0.034	24	0.1	0.0	5.294	A
C-A	195	49	0.00			195				
A-B	31	8	0.00			31				
A-C	169	42	0.00			169				

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	59	15	0.00	574	0.102	59	0.1	0.1	6.987	A
C-AB	19	5	0.00	688	0.028	19	0.0	0.0	5.379	A
C-A	165	41	0.00			165				
A-B	26	6	0.00			26				
A-C	142	35	0.00			142				

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	1.59	A

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	1.59	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	✓	214	100.000
B		ONE HOUR	✓	74	100.000
C		ONE HOUR	✓	103	100.000

Origin-Destination Data

Demand (PCU/hr)

	To			
From		A	B	C
	A	0	55	159
	B	48	0	26
	C	98	5	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	1
	B	0	0	0
	C	0	0	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/hr)	Total Junction Arrivals (PCU)
B-AC	0.15	7.95	0.2	A	68	102
C-AB	0.01	5.80	0.0	A	5	8
C-A					89	134
A-B					50	76
A-C					146	219

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	56	14	0.00	555	0.100	55	0.0	0.1	7.199	A
C-AB	4	1	0.00	624	0.007	4	0.0	0.0	5.804	A
C-A	73	18	0.00			73				
A-B	41	10	0.00			41				
A-C	120	30	0.00			120				

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	67	17	0.00	546	0.122	66	0.1	0.1	7.499	A
C-AB	5	1	0.00	627	0.008	5	0.0	0.0	5.785	A
C-A	87	22	0.00			87				
A-B	49	12	0.00			49				
A-C	143	36	0.00			143				

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	81	20	0.00	534	0.152	81	0.1	0.2	7.944	A
C-AB	7	2	0.00	632	0.011	7	0.0	0.0	5.759	A
C-A	107	27	0.00			107				
A-B	61	15	0.00			61				
A-C	175	44	0.00			175				

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	81	20	0.00	534	0.152	81	0.2	0.2	7.948	A
C-AB	7	2	0.00	632	0.011	7	0.0	0.0	5.759	A
C-A	107	27	0.00			107				
A-B	61	15	0.00			61				
A-C	175	44	0.00			175				

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	67	17	0.00	546	0.122	67	0.2	0.1	7.507	A
C-AB	5	1	0.00	627	0.008	5	0.0	0.0	5.788	A
C-A	87	22	0.00			87				
A-B	49	12	0.00			49				
A-C	143	36	0.00			143				

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	56	14	0.00	555	0.100	56	0.1	0.1	7.217	A
C-AB	4	1	0.00	624	0.007	4	0.0	0.0	5.804	A
C-A	73	18	0.00			73				
A-B	41	10	0.00			41				
A-C	120	30	0.00			120				

D9 - 2042 | Local Plan | AM

Data Errors and Warnings

Severity	Area	Item	Description
Warning	Vehicle Mix	Junction 1	HV% is zero for all movements / time segments. Vehicle Mix matrix should be completed whether working in PCUs or Vehs. If HV% at the junction is genuinely zero, please ignore this warning.

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	1.18	A

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	1.18	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
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	✓	389	100.000
B		ONE HOUR	✓	67	100.000
C		ONE HOUR	✓	246	100.000

Origin-Destination Data

Demand (PCU/hr)

	To			
From		A	B	C
	A	0	36	353
	B	36	0	31
	C	218	28	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	0
	B	0	0	0
	C	0	0	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/hr)	Total Junction Arrivals (PCU)
B-AC	0.15	8.94	0.2	A	61	92
C-AB	0.07	5.71	0.1	A	37	56
C-A					189	283
A-B					33	50
A-C					324	486

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	50	13	0.00	520	0.097	50	0.0	0.1	7.647	A
C-AB	28	7	0.00	658	0.043	28	0.0	0.1	5.707	A
C-A	157	39	0.00			157				
A-B	27	7	0.00			27				
A-C	266	66	0.00			266				

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	60	15	0.00	502	0.120	60	0.1	0.1	8.145	A
C-AB	36	9	0.00	669	0.053	36	0.1	0.1	5.682	A
C-A	185	46	0.00			185				
A-B	32	8	0.00			32				
A-C	317	79	0.00			317				

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	74	18	0.00	476	0.155	74	0.1	0.2	8.932	A
C-AB	48	12	0.00	685	0.070	47	0.1	0.1	5.651	A
C-A	223	56	0.00			223				
A-B	40	10	0.00			40				
A-C	389	97	0.00			389				

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	74	18	0.00	476	0.155	74	0.2	0.2	8.940	A
C-AB	48	12	0.00	685	0.070	48	0.1	0.1	5.656	A
C-A	223	56	0.00			223				
A-B	40	10	0.00			40				
A-C	389	97	0.00			389				

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	60	15	0.00	502	0.120	60	0.2	0.1	8.156	A
C-AB	36	9	0.00	669	0.053	36	0.1	0.1	5.689	A
C-A	185	46	0.00			185				
A-B	32	8	0.00			32				
A-C	317	79	0.00			317				

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	50	13	0.00	520	0.097	51	0.1	0.1	7.664	A
C-AB	28	7	0.00	659	0.043	28	0.1	0.1	5.715	A
C-A	157	39	0.00			157				
A-B	27	7	0.00			27				
A-C	266	66	0.00			266				

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	1.57	A

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	1.57	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	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	✓	258	100.000
B		ONE HOUR	✓	84	100.000
C		ONE HOUR	✓	125	100.000

Origin-Destination Data

Demand (PCU/hr)

	To			
From		A	B	C
	A	0	57	201
	B	50	0	34
	C	120	5	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	1
	B	0	0	0
	C	0	0	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/hr)	Total Junction Arrivals (PCU)
B-AC	0.18	8.28	0.2	A	77	116
C-AB	0.01	5.77	0.0	A	6	8
C-A					109	164
A-B					52	78
A-C					184	277

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	63	16	0.00	552	0.115	63	0.0	0.1	7.349	A
C-AB	4	1	0.00	629	0.007	4	0.0	0.0	5.767	A
C-A	90	22	0.00			90				
A-B	43	11	0.00			43				
A-C	151	38	0.00			151				

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	76	19	0.00	542	0.139	75	0.1	0.2	7.721	A
C-AB	5	1	0.00	632	0.009	5	0.0	0.0	5.741	A
C-A	107	27	0.00			107				
A-B	51	13	0.00			51				
A-C	181	45	0.00			181				

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	92	23	0.00	527	0.176	92	0.2	0.2	8.278	A
C-AB	7	2	0.00	638	0.011	7	0.0	0.0	5.703	A
C-A	131	33	0.00			131				
A-B	63	16	0.00			63				
A-C	221	55	0.00			221				

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	92	23	0.00	527	0.176	92	0.2	0.2	8.285	A
C-AB	7	2	0.00	638	0.011	7	0.0	0.0	5.706	A
C-A	131	33	0.00			131				
A-B	63	16	0.00			63				
A-C	221	55	0.00			221				

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	76	19	0.00	542	0.139	76	0.2	0.2	7.732	A
C-AB	5	1	0.00	632	0.009	5	0.0	0.0	5.741	A
C-A	107	27	0.00			107				
A-B	51	13	0.00			51				
A-C	181	45	0.00			181				

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	63	16	0.00	552	0.115	63	0.2	0.1	7.368	A
C-AB	4	1	0.00	629	0.007	4	0.0	0.0	5.770	A
C-A	90	22	0.00			90				
A-B	43	11	0.00			43				
A-C	151	38	0.00			151				

D13 - 2042 | Local Plan + Site 2 | AM

Data Errors and Warnings

Severity	Area	Item	Description
Warning	Vehicle Mix	Junction 1	HV% is zero for all movements / time segments. Vehicle Mix matrix should be completed whether working in PCUs or Vehs. If HV% at the junction is genuinely zero, please ignore this warning.

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	1.20	A

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	1.20	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
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	✓	397	100.000
B		ONE HOUR	✓	69	100.000
C		ONE HOUR	✓	248	100.000

Origin-Destination Data

Demand (PCU/hr)

	To			
From		A	B	C
	A	0	37	360
	B	37	0	32
	C	220	28	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	0
	B	0	0	0
	C	0	0	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/hr)	Total Junction Arrivals (PCU)
B-AC	0.16	9.04	0.2	A	63	95
C-AB	0.07	5.72	0.1	A	37	56
C-A					190	285
A-B					34	51
A-C					330	496

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	52	13	0.00	519	0.100	52	0.0	0.1	7.694	A
C-AB	28	7	0.00	658	0.043	28	0.0	0.1	5.710	A
C-A	159	40	0.00			159				
A-B	28	7	0.00			28				
A-C	271	68	0.00			271				

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	62	16	0.00	500	0.124	62	0.1	0.1	8.211	A
C-AB	36	9	0.00	669	0.054	36	0.1	0.1	5.688	A
C-A	187	47	0.00			187				
A-B	33	8	0.00			33				
A-C	324	81	0.00			324				

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	76	19	0.00	474	0.160	76	0.1	0.2	9.028	A
C-AB	48	12	0.00	684	0.070	48	0.1	0.1	5.657	A
C-A	225	56	0.00			225				
A-B	41	10	0.00			41				
A-C	396	99	0.00			396				

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	76	19	0.00	474	0.160	76	0.2	0.2	9.038	A
C-AB	48	12	0.00	684	0.070	48	0.1	0.1	5.660	A
C-A	225	56	0.00			225				
A-B	41	10	0.00			41				
A-C	396	99	0.00			396				

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	62	16	0.00	500	0.124	62	0.2	0.1	8.222	A
C-AB	36	9	0.00	669	0.054	36	0.1	0.1	5.690	A
C-A	187	47	0.00			187				
A-B	33	8	0.00			33				
A-C	324	81	0.00			324				

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	52	13	0.00	519	0.100	52	0.1	0.1	7.713	A
C-AB	28	7	0.00	658	0.043	28	0.1	0.1	5.717	A
C-A	158	40	0.00			158				
A-B	28	7	0.00			28				
A-C	271	68	0.00			271				

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	1.55	A

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	1.55	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	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	✓	258	100.000
B		ONE HOUR	✓	84	100.000
C		ONE HOUR	✓	131	100.000

Origin-Destination Data

Demand (PCU/hr)

From	To			
		A	B	C
	A	0	58	200
	B	51	0	33
	C	126	5	0

Vehicle Mix

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

Heavy Vehicle %

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

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/hr)	Total Junction Arrivals (PCU)
B-AC	0.18	8.33	0.2	A	77	116
C-AB	0.01	5.74	0.0	A	6	8
C-A					115	172
A-B					53	80
A-C					184	275

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	63	16	0.00	550	0.115	63	0.0	0.1	7.380	A
C-AB	4	1	0.00	632	0.007	4	0.0	0.0	5.739	A
C-A	94	24	0.00			94				
A-B	44	11	0.00			44				
A-C	151	38	0.00			151				

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	76	19	0.00	539	0.140	75	0.1	0.2	7.757	A
C-AB	5	1	0.00	636	0.009	5	0.0	0.0	5.707	A
C-A	112	28	0.00			112				
A-B	52	13	0.00			52				
A-C	180	45	0.00			180				

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	92	23	0.00	525	0.176	92	0.2	0.2	8.322	A
C-AB	7	2	0.00	643	0.011	7	0.0	0.0	5.663	A
C-A	137	34	0.00			137				
A-B	64	16	0.00			64				
A-C	220	55	0.00			220				

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	92	23	0.00	525	0.176	92	0.2	0.2	8.329	A
C-AB	7	2	0.00	643	0.011	7	0.0	0.0	5.665	A
C-A	137	34	0.00			137				
A-B	64	16	0.00			64				
A-C	220	55	0.00			220				

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	76	19	0.00	539	0.140	76	0.2	0.2	7.768	A
C-AB	5	1	0.00	636	0.009	5	0.0	0.0	5.708	A
C-A	112	28	0.00			112				
A-B	52	13	0.00			52				
A-C	180	45	0.00			180				

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	63	16	0.00	550	0.115	63	0.2	0.1	7.402	A
C-AB	4	1	0.00	632	0.007	4	0.0	0.0	5.741	A
C-A	94	24	0.00			94				
A-B	44	11	0.00			44				
A-C	151	38	0.00			151				

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

Data Errors and Warnings

Severity	Area	Item	Description
Warning	Vehicle Mix	Junction 1	HV% is zero for all movements / time segments. Vehicle Mix matrix should be completed whether working in PCUs or Vehs. If HV% at the junction is genuinely zero, please ignore this warning.

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	1.20	A

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	1.20	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
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	✓	409	100.000
B		ONE HOUR	✓	70	100.000
C		ONE HOUR	✓	252	100.000

Origin-Destination Data

Demand (PCU/hr)

	To			
		A	B	C
	A	0	40	369
	B	38	0	32
	C	224	28	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	0
	B	0	0	0
	C	0	0	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/hr)	Total Junction Arrivals (PCU)
B-AC	0.16	9.17	0.2	A	64	96
C-AB	0.07	5.71	0.1	A	38	56
C-A					194	290
A-B					37	55
A-C					339	508

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	53	13	0.00	516	0.102	52	0.0	0.1	7.762	A
C-AB	28	7	0.00	659	0.043	28	0.0	0.1	5.709	A
C-A	161	40	0.00			161				
A-B	30	8	0.00			30				
A-C	278	69	0.00			278				

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	63	16	0.00	496	0.127	63	0.1	0.1	8.300	A
C-AB	36	9	0.00	669	0.054	36	0.1	0.1	5.687	A
C-A	190	48	0.00			190				
A-B	36	9	0.00			36				
A-C	332	83	0.00			332				

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	77	19	0.00	470	0.164	77	0.1	0.2	9.158	A
C-AB	48	12	0.00	685	0.071	48	0.1	0.1	5.654	A
C-A	229	57	0.00			229				
A-B	44	11	0.00			44				
A-C	406	102	0.00			406				

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	77	19	0.00	470	0.164	77	0.2	0.2	9.167	A
C-AB	48	12	0.00	685	0.071	48	0.1	0.1	5.659	A
C-A	229	57	0.00			229				
A-B	44	11	0.00			44				
A-C	406	102	0.00			406				

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	63	16	0.00	496	0.127	63	0.2	0.1	8.314	A
C-AB	36	9	0.00	669	0.054	36	0.1	0.1	5.691	A
C-A	190	48	0.00			190				
A-B	36	9	0.00			36				
A-C	332	83	0.00			332				

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	53	13	0.00	516	0.102	53	0.1	0.1	7.783	A
C-AB	28	7	0.00	659	0.043	29	0.1	0.1	5.715	A
C-A	161	40	0.00			161				
A-B	30	8	0.00			30				
A-C	278	69	0.00			278				

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	1.53	A

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	1.53	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
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	✓	259	100.000
B		ONE HOUR	✓	87	100.000
C		ONE HOUR	✓	154	100.000

Origin-Destination Data

Demand (PCU/hr)

	To			
From		A	B	C
	A	0	58	201
	B	50	0	37
	C	149	5	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	1
	B	0	0	0
	C	0	0	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/hr)	Total Junction Arrivals (PCU)
B-AC	0.18	8.36	0.2	A	80	120
C-AB	0.01	5.64	0.0	A	6	9
C-A					135	203
A-B					53	80
A-C					184	277

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	65	16	0.00	552	0.119	65	0.0	0.1	7.377	A
C-AB	5	1	0.00	643	0.007	5	0.0	0.0	5.635	A
C-A	111	28	0.00			111				
A-B	44	11	0.00			44				
A-C	151	38	0.00			151				

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	78	20	0.00	541	0.144	78	0.1	0.2	7.766	A
C-AB	6	1	0.00	650	0.009	6	0.0	0.0	5.584	A
C-A	133	33	0.00			133				
A-B	52	13	0.00			52				
A-C	181	45	0.00			181				

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	96	24	0.00	526	0.182	96	0.2	0.2	8.354	A
C-AB	7	2	0.00	660	0.011	7	0.0	0.0	5.514	A
C-A	162	41	0.00			162				
A-B	64	16	0.00			64				
A-C	221	55	0.00			221				

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	96	24	0.00	526	0.182	96	0.2	0.2	8.362	A
C-AB	7	2	0.00	660	0.011	7	0.0	0.0	5.517	A
C-A	162	41	0.00			162				
A-B	64	16	0.00			64				
A-C	221	55	0.00			221				

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	78	20	0.00	541	0.144	78	0.2	0.2	7.777	A
C-AB	6	1	0.00	650	0.009	6	0.0	0.0	5.587	A
C-A	133	33	0.00			133				
A-B	52	13	0.00			52				
A-C	181	45	0.00			181				

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	65	16	0.00	552	0.119	66	0.2	0.1	7.399	A
C-AB	5	1	0.00	643	0.007	5	0.0	0.0	5.635	A
C-A	111	28	0.00			111				
A-B	44	11	0.00			44				
A-C	151	38	0.00			151				

Junctions 11

PICADY 11 - Priority Intersection Module

Version: 11.1.1.2424
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Filename: Junction 12 - Main Road_Nurstead Lane East.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 12:17:26

»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	0.0	6.11	0.03	D2	0.0	5.60	0.01
Stream C-AB		0.1	5.77	0.07		0.1	5.55	0.05
	2032 - Reference Case + Site 2							
Stream B-AC	D5	0.0	6.11	0.03	D6	0.0	5.61	0.01
Stream C-AB		0.1	5.76	0.08		0.1	5.56	0.05
	2032 - Reference Case + Site 1 + Site 2							
Stream B-AC	D7	0.0	6.12	0.03	D8	0.0	5.62	0.01
Stream C-AB		0.2	5.78	0.10		0.1	5.53	0.05
	2042 - Local Plan							
Stream B-AC	D9	0.1	6.20	0.05	D10	0.0	5.68	0.01
Stream C-AB		0.1	5.01	0.08		0.1	5.47	0.07
	2042 - Local Plan + Site 2							
Stream B-AC	D13	0.1	6.21	0.05	D14	0.0	5.69	0.01
Stream C-AB		0.2	5.00	0.08		0.1	5.47	0.07
	2042 - Local Plan + Site 1 + Site 2							
Stream B-AC	D15	0.1	6.22	0.05	D16	0.0	5.75	0.01
Stream C-AB		0.2	4.97	0.08		0.1	5.53	0.08

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.

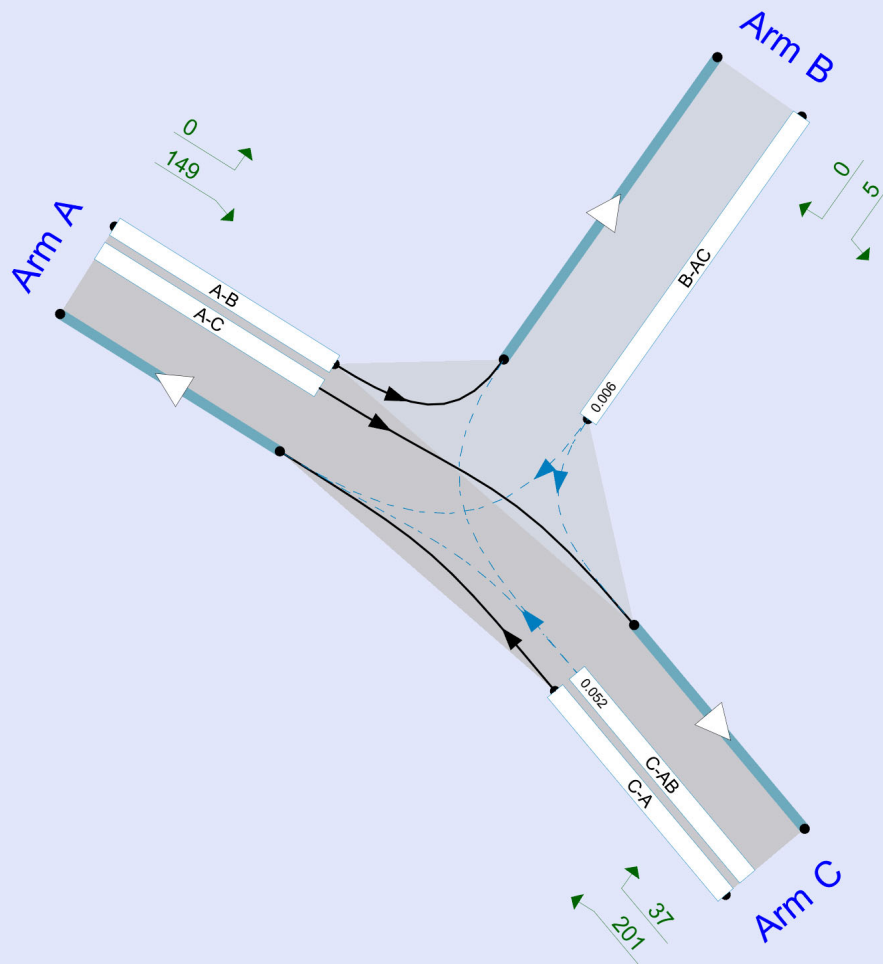
File summary

File Description

Title	
Location	Main Road/Nurstead Lane East
Site number	12
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

Severity	Area	Item	Description
Warning	Vehicle Mix	Junction 1	HV% is zero for all movements / time segments. Vehicle Mix matrix should be completed whether working in PCUs or Vehs. If HV% at the junction is genuinely zero, please ignore this warning.

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	0.83	A

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	0.83	A

Arms

Arms

Arm	Name	Description	Arm type
A	Main Road W		Major
B	Nurstead Lane E		Minor
C	Main 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	6.10			67.5	✓	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	3.04	23	75

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	524	0.095	0.240	0.151	0.343
B-C	674	0.103	0.260	-	-
C-B	613	0.237	0.237	-	-

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	✓	223	100.000
B		ONE HOUR	✓	19	100.000
C		ONE HOUR	✓	192	100.000

Origin-Destination Data

Demand (PCU/hr)

	To			
From		A	B	C
	A	0	0	223
	B	0	0	19
	C	159	33	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	0
	B	0	0	0
	C	0	0	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/hr)	Total Junction Arrivals (PCU)
B-AC	0.03	6.11	0.0	A	17	26
C-AB	0.07	5.77	0.1	A	39	59
C-A					137	206
A-B					0	0
A-C					205	307

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	14	4	0.00	630	0.023	14	0.0	0.0	5.844	A
C-AB	30	8	0.00	655	0.046	30	0.0	0.1	5.761	A
C-A	114	29	0.00			114				
A-B	0	0	0.00			0				
A-C	168	42	0.00			168				

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	17	4	0.00	622	0.027	17	0.0	0.0	5.953	A
C-AB	38	9	0.00	664	0.057	38	0.1	0.1	5.754	A
C-A	135	34	0.00			135				
A-B	0	0	0.00			0				
A-C	200	50	0.00			200				

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	21	5	0.00	610	0.034	21	0.0	0.0	6.110	A
C-AB	49	12	0.00	676	0.073	49	0.1	0.1	5.741	A
C-A	162	41	0.00			162				
A-B	0	0	0.00			0				
A-C	246	61	0.00			246				

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	21	5	0.00	610	0.034	21	0.0	0.0	6.110	A
C-AB	49	12	0.00	676	0.073	49	0.1	0.1	5.745	A
C-A	162	41	0.00			162				
A-B	0	0	0.00			0				
A-C	246	61	0.00			246				

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	17	4	0.00	622	0.027	17	0.0	0.0	5.953	A
C-AB	38	9	0.00	664	0.057	38	0.1	0.1	5.755	A
C-A	135	34	0.00			135				
A-B	0	0	0.00			0				
A-C	200	50	0.00			200				

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	14	4	0.00	630	0.023	14	0.0	0.0	5.847	A
C-AB	30	8	0.00	655	0.047	31	0.1	0.1	5.766	A
C-A	114	29	0.00			114				
A-B	0	0	0.00			0				
A-C	168	42	0.00			168				

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	0.75	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
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	✓	90	100.000
B		ONE HOUR	✓	5	100.000
C		ONE HOUR	✓	176	100.000

Origin-Destination Data

Demand (PCU/hr)

	To			
From		A	B	C
	A	0	0	90
	B	0	0	5
	C	151	25	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	0
	B	0	0	0
	C	1	0	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/hr)	Total Junction Arrivals (PCU)
B-AC	0.01	5.60	0.0	A	5	7
C-AB	0.05	5.55	0.1	A	29	43
C-A					133	199
A-B					0	0
A-C					83	124

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	4	0.94	0.00	656	0.006	4	0.0	0.0	5.516	A
C-AB	23	6	0.00	673	0.034	22	0.0	0.0	5.541	A
C-A	110	27	0.00			110				
A-B	0	0	0.00			0				
A-C	68	17	0.00			68				

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	4	1	0.00	653	0.007	4	0.0	0.0	5.552	A
C-AB	28	7	0.00	685	0.041	28	0.0	0.1	5.490	A
C-A	130	33	0.00			130				
A-B	0	0	0.00			0				
A-C	81	20	0.00			81				

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	6	1	0.00	648	0.008	5	0.0	0.0	5.601	A
C-AB	36	9	0.00	701	0.052	36	0.1	0.1	5.422	A
C-A	158	39	0.00			158				
A-B	0	0	0.00			0				
A-C	99	25	0.00			99				

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	6	1	0.00	648	0.008	6	0.0	0.0	5.601	A
C-AB	36	9	0.00	701	0.052	36	0.1	0.1	5.424	A
C-A	158	39	0.00			158				
A-B	0	0	0.00			0				
A-C	99	25	0.00			99				

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	4	1	0.00	653	0.007	5	0.0	0.0	5.552	A
C-AB	28	7	0.00	685	0.041	28	0.1	0.1	5.496	A
C-A	130	33	0.00			130				
A-B	0	0	0.00			0				
A-C	81	20	0.00			81				

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	4	0.94	0.00	656	0.006	4	0.0	0.0	5.517	A
C-AB	23	6	0.00	673	0.034	23	0.1	0.0	5.548	A
C-A	110	27	0.00			110				
A-B	0	0	0.00			0				
A-C	68	17	0.00			68				

D5 - 2032 | Reference Case + Site 2 | AM

Data Errors and Warnings

Severity	Area	Item	Description
Warning	Vehicle Mix	Junction 1	HV% is zero for all movements / time segments. Vehicle Mix matrix should be completed whether working in PCUs or Vehs. If HV% at the junction is genuinely zero, please ignore this warning.

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	0.87	A

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	0.87	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	✓	223	100.000
B		ONE HOUR	✓	19	100.000
C		ONE HOUR	✓	202	100.000

Origin-Destination Data

Demand (PCU/hr)

	To			
		A	B	C
	A	0	0	223
	B	0	0	19
	C	166	36	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	0
	B	0	0	0
	C	0	0	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/hr)	Total Junction Arrivals (PCU)
B-AC	0.03	6.11	0.0	A	17	26
C-AB	0.08	5.76	0.1	A	43	65
C-A					142	213
A-B					0	0
A-C					205	307

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	14	4	0.00	630	0.023	14	0.0	0.0	5.844	A
C-AB	33	8	0.00	659	0.051	33	0.0	0.1	5.756	A
C-A	119	30	0.00			119				
A-B	0	0	0.00			0				
A-C	168	42	0.00			168				

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	17	4	0.00	622	0.027	17	0.0	0.0	5.953	A
C-AB	42	10	0.00	668	0.062	42	0.1	0.1	5.750	A
C-A	140	35	0.00			140				
A-B	0	0	0.00			0				
A-C	200	50	0.00			200				

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	21	5	0.00	610	0.034	21	0.0	0.0	6.110	A
C-AB	54	14	0.00	681	0.080	54	0.1	0.1	5.741	A
C-A	168	42	0.00			168				
A-B	0	0	0.00			0				
A-C	246	61	0.00			246				

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	21	5	0.00	610	0.034	21	0.0	0.0	6.110	A
C-AB	54	14	0.00	681	0.080	54	0.1	0.1	5.741	A
C-A	168	42	0.00			168				
A-B	0	0	0.00			0				
A-C	246	61	0.00			246				

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	17	4	0.00	622	0.027	17	0.0	0.0	5.953	A
C-AB	42	10	0.00	668	0.063	42	0.1	0.1	5.754	A
C-A	140	35	0.00			140				
A-B	0	0	0.00			0				
A-C	200	50	0.00			200				

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	14	4	0.00	630	0.023	14	0.0	0.0	5.847	A
C-AB	34	8	0.00	659	0.051	34	0.1	0.1	5.764	A
C-A	119	30	0.00			119				
A-B	0	0	0.00			0				
A-C	168	42	0.00			168				

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	0.76	A

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	0.76	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	✓	95	100.000
B		ONE HOUR	✓	5	100.000
C		ONE HOUR	✓	178	100.000

Origin-Destination Data

Demand (PCU/hr)

	To			
		A	B	C
	A	0	0	95
	B	0	0	5
	C	152	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	0	0
	B	0	0	0
	C	1	0	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/hr)	Total Junction Arrivals (PCU)
B-AC	0.01	5.61	0.0	A	5	7
C-AB	0.05	5.56	0.1	A	30	45
C-A					133	200
A-B					0	0
A-C					87	131

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	4	0.94	0.00	655	0.006	4	0.0	0.0	5.525	A
C-AB	24	6	0.00	673	0.035	23	0.0	0.0	5.552	A
C-A	110	28	0.00			110				
A-B	0	0	0.00			0				
A-C	72	18	0.00			72				

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	4	1	0.00	652	0.007	4	0.0	0.0	5.562	A
C-AB	29	7	0.00	685	0.043	29	0.0	0.1	5.505	A
C-A	131	33	0.00			131				
A-B	0	0	0.00			0				
A-C	85	21	0.00			85				

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	6	1	0.00	647	0.009	5	0.0	0.0	5.614	A
C-AB	38	9	0.00	701	0.054	38	0.1	0.1	5.440	A
C-A	158	40	0.00			158				
A-B	0	0	0.00			0				
A-C	105	26	0.00			105				

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	6	1	0.00	647	0.009	6	0.0	0.0	5.614	A
C-AB	38	9	0.00	701	0.054	38	0.1	0.1	5.443	A
C-A	158	40	0.00			158				
A-B	0	0	0.00			0				
A-C	105	26	0.00			105				

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	4	1	0.00	652	0.007	5	0.0	0.0	5.564	A
C-AB	29	7	0.00	685	0.043	29	0.1	0.1	5.510	A
C-A	131	33	0.00			131				
A-B	0	0	0.00			0				
A-C	85	21	0.00			85				

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	4	0.94	0.00	655	0.006	4	0.0	0.0	5.525	A
C-AB	24	6	0.00	673	0.035	24	0.1	0.0	5.557	A
C-A	110	28	0.00			110				
A-B	0	0	0.00			0				
A-C	72	18	0.00			72				

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	0.99	A

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	0.99	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	✓	225	100.000
B		ONE HOUR	✓	19	100.000
C		ONE HOUR	✓	234	100.000

Origin-Destination Data

Demand (PCU/hr)

From	To			
		A	B	C
	A	0	0	225
	B	0	0	19
	C	188	46	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	0
	B	0	0	0
	C	1	0	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/hr)	Total Junction Arrivals (PCU)
B-AC	0.03	6.12	0.0	A	17	26
C-AB	0.10	5.78	0.2	A	57	86
C-A					158	236
A-B					0	0
A-C					206	310

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	14	4	0.00	630	0.023	14	0.0	0.0	5.848	A
C-AB	44	11	0.00	669	0.066	44	0.0	0.1	5.761	A
C-A	132	33	0.00			132				
A-B	0	0	0.00			0				
A-C	169	42	0.00			169				

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	17	4	0.00	621	0.027	17	0.0	0.0	5.957	A
C-AB	55	14	0.00	681	0.081	55	0.1	0.1	5.762	A
C-A	155	39	0.00			155				
A-B	0	0	0.00			0				
A-C	202	51	0.00			202				

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	21	5	0.00	609	0.034	21	0.0	0.0	6.116	A
C-AB	72	18	0.00	698	0.103	72	0.1	0.2	5.772	A
C-A	185	46	0.00			185				
A-B	0	0	0.00			0				
A-C	248	62	0.00			248				

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	21	5	0.00	609	0.034	21	0.0	0.0	6.116	A
C-AB	72	18	0.00	698	0.103	72	0.2	0.2	5.776	A
C-A	185	46	0.00			185				
A-B	0	0	0.00			0				
A-C	248	62	0.00			248				

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	17	4	0.00	621	0.027	17	0.0	0.0	5.960	A
C-AB	55	14	0.00	681	0.081	55	0.2	0.1	5.770	A
C-A	155	39	0.00			155				
A-B	0	0	0.00			0				
A-C	202	51	0.00			202				

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	14	4	0.00	630	0.023	14	0.0	0.0	5.848	A
C-AB	44	11	0.00	670	0.066	44	0.1	0.1	5.774	A
C-A	132	33	0.00			132				
A-B	0	0	0.00			0				
A-C	169	42	0.00			169				

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	0.74	A

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	0.74	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	✓	98	100.000
B		ONE HOUR	✓	5	100.000
C		ONE HOUR	✓	185	100.000

Origin-Destination Data

Demand (PCU/hr)

	To			
From		A	B	C
	A	0	0	98
	B	0	0	5
	C	159	26	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	0
	B	0	0	0
	C	1	0	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/hr)	Total Junction Arrivals (PCU)
B-AC	0.01	5.62	0.0	A	5	7
C-AB	0.05	5.53	0.1	A	31	46
C-A					139	209
A-B					0	0
A-C					90	135

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	4	0.94	0.00	655	0.006	4	0.0	0.0	5.530	A
C-AB	24	6	0.00	676	0.035	24	0.0	0.0	5.529	A
C-A	115	29	0.00			115				
A-B	0	0	0.00			0				
A-C	74	18	0.00			74				

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	4	1	0.00	651	0.007	4	0.0	0.0	5.568	A
C-AB	30	7	0.00	688	0.043	29	0.0	0.1	5.478	A
C-A	137	34	0.00			137				
A-B	0	0	0.00			0				
A-C	88	22	0.00			88				

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	6	1	0.00	646	0.009	5	0.0	0.0	5.621	A
C-AB	38	10	0.00	705	0.054	38	0.1	0.1	5.406	A
C-A	166	41	0.00			166				
A-B	0	0	0.00			0				
A-C	108	27	0.00			108				

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	6	1	0.00	646	0.009	6	0.0	0.0	5.621	A
C-AB	38	10	0.00	706	0.054	38	0.1	0.1	5.411	A
C-A	166	41	0.00			166				
A-B	0	0	0.00			0				
A-C	108	27	0.00			108				

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	4	1	0.00	651	0.007	5	0.0	0.0	5.568	A
C-AB	30	7	0.00	688	0.043	30	0.1	0.1	5.480	A
C-A	137	34	0.00			137				
A-B	0	0	0.00			0				
A-C	88	22	0.00			88				

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	4	0.94	0.00	655	0.006	4	0.0	0.0	5.532	A
C-AB	24	6	0.00	676	0.035	24	0.1	0.0	5.534	A
C-A	115	29	0.00			115				
A-B	0	0	0.00			0				
A-C	74	18	0.00			74				

D9 - 2042 | Local Plan | AM

Data Errors and Warnings

Severity	Area	Item	Description
Warning	Vehicle Mix	Junction 1	HV% is zero for all movements / time segments. Vehicle Mix matrix should be completed whether working in PCUs or Vehs. If HV% at the junction is genuinely zero, please ignore this warning.

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	0.70	A

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	0.70	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
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	✓	218	100.000
B		ONE HOUR	✓	28	100.000
C		ONE HOUR	✓	384	100.000

Origin-Destination Data

Demand (PCU/hr)

	To			
From		A	B	C
	A	0	0	218
	B	0	0	28
	C	353	31	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	0
	B	0	0	0
	C	0	0	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/hr)	Total Junction Arrivals (PCU)
B-AC	0.05	6.20	0.1	A	26	39
C-AB	0.08	5.01	0.1	A	49	74
C-A					303	455
A-B					0	0
A-C					200	300

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	21	5	0.00	631	0.033	21	0.0	0.0	5.897	A
C-AB	36	9	0.00	755	0.048	36	0.0	0.1	5.003	A
C-A	253	63	0.00			253				
A-B	0	0	0.00			0				
A-C	164	41	0.00			164				

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	25	6	0.00	623	0.040	25	0.0	0.0	6.022	A
C-AB	47	12	0.00	784	0.060	47	0.1	0.1	4.882	A
C-A	298	75	0.00			298				
A-B	0	0	0.00			0				
A-C	196	49	0.00			196				

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	31	8	0.00	611	0.050	31	0.0	0.1	6.199	A
C-AB	65	16	0.00	825	0.078	65	0.1	0.1	4.735	A
C-A	358	90	0.00			358				
A-B	0	0	0.00			0				
A-C	240	60	0.00			240				

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	31	8	0.00	611	0.050	31	0.1	0.1	6.199	A
C-AB	65	16	0.00	825	0.079	65	0.1	0.1	4.739	A
C-A	358	89	0.00			358				
A-B	0	0	0.00			0				
A-C	240	60	0.00			240				

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	25	6	0.00	623	0.040	25	0.1	0.0	6.023	A
C-AB	47	12	0.00	784	0.060	47	0.1	0.1	4.886	A
C-A	298	75	0.00			298				
A-B	0	0	0.00			0				
A-C	196	49	0.00			196				

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	21	5	0.00	631	0.033	21	0.0	0.0	5.902	A
C-AB	36	9	0.00	755	0.048	36	0.1	0.1	5.009	A
C-A	253	63	0.00			253				
A-B	0	0	0.00			0				
A-C	164	41	0.00			164				

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	0.78	A

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	0.78	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	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	✓	120	100.000
B		ONE HOUR	✓	5	100.000
C		ONE HOUR	✓	235	100.000

Origin-Destination Data

Demand (PCU/hr)

	To			
From		A	B	C
	A	0	0	120
	B	0	0	5
	C	201	34	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	0
	B	0	0	0
	C	1	0	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/hr)	Total Junction Arrivals (PCU)
B-AC	0.01	5.68	0.0	A	5	7
C-AB	0.07	5.47	0.1	A	43	64
C-A					173	260
A-B					0	0
A-C					110	165

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	4	0.94	0.00	650	0.006	4	0.0	0.0	5.567	A
C-AB	33	8	0.00	693	0.047	32	0.0	0.1	5.459	A
C-A	144	36	0.00			144				
A-B	0	0	0.00			0				
A-C	90	23	0.00			90				

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	4	1	0.00	646	0.007	4	0.0	0.0	5.612	A
C-AB	41	10	0.00	709	0.058	41	0.1	0.1	5.400	A
C-A	170	43	0.00			170				
A-B	0	0	0.00			0				
A-C	108	27	0.00			108				

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	6	1	0.00	639	0.009	5	0.0	0.0	5.677	A
C-AB	54	13	0.00	732	0.074	54	0.1	0.1	5.327	A
C-A	205	51	0.00			205				
A-B	0	0	0.00			0				
A-C	132	33	0.00			132				

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	6	1	0.00	639	0.009	6	0.0	0.0	5.677	A
C-AB	54	13	0.00	732	0.074	54	0.1	0.1	5.328	A
C-A	205	51	0.00			205				
A-B	0	0	0.00			0				
A-C	132	33	0.00			132				

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	4	1	0.00	646	0.007	5	0.0	0.0	5.613	A
C-AB	41	10	0.00	709	0.058	41	0.1	0.1	5.406	A
C-A	170	43	0.00			170				
A-B	0	0	0.00			0				
A-C	108	27	0.00			108				

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	4	0.94	0.00	650	0.006	4	0.0	0.0	5.567	A
C-AB	33	8	0.00	693	0.047	33	0.1	0.1	5.467	A
C-A	144	36	0.00			144				
A-B	0	0	0.00			0				
A-C	90	23	0.00			90				

D13 - 2042 | Local Plan + Site 2 | AM

Data Errors and Warnings

Severity	Area	Item	Description
Warning	Vehicle Mix	Junction 1	HV% is zero for all movements / time segments. Vehicle Mix matrix should be completed whether working in PCUs or Vehs. If HV% at the junction is genuinely zero, please ignore this warning.

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	0.71	A

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	0.71	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
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	✓	220	100.000
B		ONE HOUR	✓	28	100.000
C		ONE HOUR	✓	392	100.000

Origin-Destination Data

Demand (PCU/hr)

	To			
From		A	B	C
	A	0	0	220
	B	0	0	28
	C	360	32	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	0
	B	0	0	0
	C	0	0	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/hr)	Total Junction Arrivals (PCU)
B-AC	0.05	6.21	0.1	A	26	39
C-AB	0.08	5.00	0.2	A	51	77
C-A					308	462
A-B					0	0
A-C					202	303

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	21	5	0.00	631	0.033	21	0.0	0.0	5.901	A
C-AB	37	9	0.00	759	0.049	37	0.0	0.1	4.990	A
C-A	258	64	0.00			258				
A-B	0	0	0.00			0				
A-C	166	41	0.00			166				

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	25	6	0.00	622	0.040	25	0.0	0.0	6.026	A
C-AB	49	12	0.00	788	0.062	49	0.1	0.1	4.871	A
C-A	303	76	0.00			303				
A-B	0	0	0.00			0				
A-C	198	49	0.00			198				

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	31	8	0.00	611	0.050	31	0.0	0.1	6.205	A
C-AB	68	17	0.00	830	0.082	67	0.1	0.2	4.725	A
C-A	364	91	0.00			364				
A-B	0	0	0.00			0				
A-C	242	61	0.00			242				

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	31	8	0.00	611	0.050	31	0.1	0.1	6.205	A
C-AB	68	17	0.00	830	0.082	68	0.2	0.2	4.725	A
C-A	364	91	0.00			364				
A-B	0	0	0.00			0				
A-C	242	61	0.00			242				

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	25	6	0.00	622	0.040	25	0.1	0.0	6.030	A
C-AB	49	12	0.00	788	0.062	49	0.2	0.1	4.873	A
C-A	303	76	0.00			303				
A-B	0	0	0.00			0				
A-C	198	49	0.00			198				

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	21	5	0.00	631	0.033	21	0.0	0.0	5.906	A
C-AB	38	9	0.00	759	0.050	38	0.1	0.1	4.995	A
C-A	257	64	0.00			257				
A-B	0	0	0.00			0				
A-C	166	41	0.00			166				

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	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
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	✓	126	100.000
B		ONE HOUR	✓	5	100.000
C		ONE HOUR	✓	233	100.000

Origin-Destination Data

Demand (PCU/hr)

	To			
From		A	B	C
	A	0	0	126
	B	0	0	5
	C	200	33	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	0
	B	0	0	0
	C	1	0	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/hr)	Total Junction Arrivals (PCU)
B-AC	0.01	5.69	0.0	A	5	7
C-AB	0.07	5.47	0.1	A	41	62
C-A					173	259
A-B					0	0
A-C					116	173

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	4	0.94	0.00	649	0.006	4	0.0	0.0	5.577	A
C-AB	32	8	0.00	692	0.046	31	0.0	0.1	5.463	A
C-A	144	36	0.00			144				
A-B	0	0	0.00			0				
A-C	95	24	0.00			95				

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	4	1	0.00	644	0.007	4	0.0	0.0	5.625	A
C-AB	40	10	0.00	708	0.056	40	0.1	0.1	5.406	A
C-A	170	42	0.00			170				
A-B	0	0	0.00			0				
A-C	113	28	0.00			113				

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	6	1	0.00	638	0.009	5	0.0	0.0	5.693	A
C-AB	52	13	0.00	730	0.072	52	0.1	0.1	5.331	A
C-A	204	51	0.00			204				
A-B	0	0	0.00			0				
A-C	139	35	0.00			139				

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	6	1	0.00	638	0.009	6	0.0	0.0	5.693	A
C-AB	52	13	0.00	730	0.072	52	0.1	0.1	5.334	A
C-A	204	51	0.00			204				
A-B	0	0	0.00			0				
A-C	139	35	0.00			139				

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	4	1	0.00	644	0.007	5	0.0	0.0	5.627	A
C-AB	40	10	0.00	708	0.056	40	0.1	0.1	5.410	A
C-A	170	42	0.00			170				
A-B	0	0	0.00			0				
A-C	113	28	0.00			113				

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	4	0.94	0.00	649	0.006	4	0.0	0.0	5.579	A
C-AB	32	8	0.00	692	0.046	32	0.1	0.1	5.471	A
C-A	144	36	0.00			144				
A-B	0	0	0.00			0				
A-C	95	24	0.00			95				

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

Data Errors and Warnings

Severity	Area	Item	Description
Warning	Vehicle Mix	Junction 1	HV% is zero for all movements / time segments. Vehicle Mix matrix should be completed whether working in PCUs or Vehs. If HV% at the junction is genuinely zero, please ignore this warning.

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	0.70	A

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	0.70	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
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	✓	224	100.000
B		ONE HOUR	✓	28	100.000
C		ONE HOUR	✓	401	100.000

Origin-Destination Data

Demand (PCU/hr)

	To			
		A	B	C
	A	0	0	224
	B	0	0	28
	C	369	32	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	0
	B	0	0	0
	C	0	0	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/hr)	Total Junction Arrivals (PCU)
B-AC	0.05	6.22	0.1	A	26	39
C-AB	0.08	4.97	0.2	A	52	78
C-A					316	474
A-B					0	0
A-C					206	308

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	21	5	0.00	630	0.033	21	0.0	0.0	5.909	A
C-AB	38	9	0.00	763	0.050	38	0.0	0.1	4.965	A
C-A	264	66	0.00			264				
A-B	0	0	0.00			0				
A-C	169	42	0.00			169				

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	25	6	0.00	621	0.041	25	0.0	0.0	6.036	A
C-AB	50	12	0.00	793	0.063	49	0.1	0.1	4.844	A
C-A	311	78	0.00			311				
A-B	0	0	0.00			0				
A-C	201	50	0.00			201				

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	31	8	0.00	610	0.051	31	0.0	0.1	6.217	A
C-AB	69	17	0.00	836	0.082	69	0.1	0.2	4.693	A
C-A	373	93	0.00			373				
A-B	0	0	0.00			0				
A-C	247	62	0.00			247				

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	31	8	0.00	610	0.051	31	0.1	0.1	6.217	A
C-AB	69	17	0.00	836	0.082	69	0.2	0.2	4.697	A
C-A	373	93	0.00			373				
A-B	0	0	0.00			0				
A-C	247	62	0.00			247				

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	25	6	0.00	621	0.041	25	0.1	0.0	6.037	A
C-AB	50	12	0.00	793	0.063	50	0.2	0.1	4.848	A
C-A	311	78	0.00			311				
A-B	0	0	0.00			0				
A-C	201	50	0.00			201				

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	21	5	0.00	630	0.033	21	0.0	0.0	5.912	A
C-AB	38	10	0.00	763	0.050	38	0.1	0.1	4.972	A
C-A	264	66	0.00			264				
A-B	0	0	0.00			0				
A-C	169	42	0.00			169				

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	0.79	A

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	0.79	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
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	✓	149	100.000
B		ONE HOUR	✓	5	100.000
C		ONE HOUR	✓	238	100.000

Origin-Destination Data

Demand (PCU/hr)

	To			
From		A	B	C
	A	0	0	149
	B	0	0	5
	C	201	37	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	0
	B	0	0	0
	C	1	0	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/hr)	Total Junction Arrivals (PCU)
B-AC	0.01	5.75	0.0	A	5	7
C-AB	0.08	5.53	0.1	A	46	70
C-A					172	258
A-B					0	0
A-C					137	205

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	4	0.94	0.00	645	0.006	4	0.0	0.0	5.616	A
C-AB	36	9	0.00	689	0.052	35	0.0	0.1	5.523	A
C-A	143	36	0.00			143				
A-B	0	0	0.00			0				
A-C	112	28	0.00			112				

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	4	1	0.00	639	0.007	4	0.0	0.0	5.672	A
C-AB	45	11	0.00	704	0.064	45	0.1	0.1	5.478	A
C-A	169	42	0.00			169				
A-B	0	0	0.00			0				
A-C	134	33	0.00			134				

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	6	1	0.00	631	0.009	5	0.0	0.0	5.753	A
C-AB	59	15	0.00	725	0.081	59	0.1	0.1	5.418	A
C-A	203	51	0.00			203				
A-B	0	0	0.00			0				
A-C	164	41	0.00			164				

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	6	1	0.00	631	0.009	6	0.0	0.0	5.753	A
C-AB	59	15	0.00	725	0.081	59	0.1	0.1	5.424	A
C-A	203	51	0.00			203				
A-B	0	0	0.00			0				
A-C	164	41	0.00			164				

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	4	1	0.00	639	0.007	5	0.0	0.0	5.673	A
C-AB	45	11	0.00	704	0.064	45	0.1	0.1	5.482	A
C-A	169	42	0.00			169				
A-B	0	0	0.00			0				
A-C	134	33	0.00			134				

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	4	0.94	0.00	645	0.006	4	0.0	0.0	5.618	A
C-AB	36	9	0.00	689	0.052	36	0.1	0.1	5.530	A
C-A	143	36	0.00			143				
A-B	0	0	0.00			0				
A-C	112	28	0.00			112				

Junctions 11

PICADY 11 - Priority Intersection Module

Version: 11.1.1.2424
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Filename: Junction 12 - Main Road_Nurstead Lane West.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 12:27:21

»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	0.0	0.00	0.00	D2	0.0	0.00	0.00
Stream B-A		0.0	7.97	0.04		0.0	7.40	0.04
Stream C-AB		0.0	0.00	0.00		0.0	0.00	0.00
	2032 - Reference Case + Site 2							
Stream B-C	D5	0.0	0.00	0.00	D6	0.0	0.00	0.00
Stream B-A		0.0	7.97	0.03		0.0	7.41	0.04
Stream C-AB		0.0	0.00	0.00		0.0	0.00	0.00
	2032 - Reference Case + Site 1 + Site 2							
Stream B-C	D7	0.0	0.00	0.00	D8	0.0	0.00	0.00
Stream B-A		0.0	8.07	0.04		0.0	7.41	0.04
Stream C-AB		0.0	0.00	0.00		0.0	0.00	0.00
	2042 - Local Plan							
Stream B-C	D9	0.0	0.00	0.00	D10	0.0	0.00	0.00
Stream B-A		0.1	8.79	0.06		0.0	7.71	0.05
Stream C-AB		0.0	0.00	0.00		0.0	0.00	0.00
	2042 - Local Plan + Site 2							
Stream B-C	D13	0.0	0.00	0.00	D14	0.0	0.00	0.00
Stream B-A		0.1	8.83	0.06		0.0	7.75	0.05
Stream C-AB		0.0	0.00	0.00		0.0	0.00	0.00
	2042 - Local Plan + Site 1 + Site 2							
Stream B-C	D15	0.0	0.00	0.00	D16	0.0	0.00	0.00
Stream B-A		0.1	8.89	0.06		0.1	7.85	0.05
Stream C-AB		0.0	0.00	0.00		0.0	0.00	0.00

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.

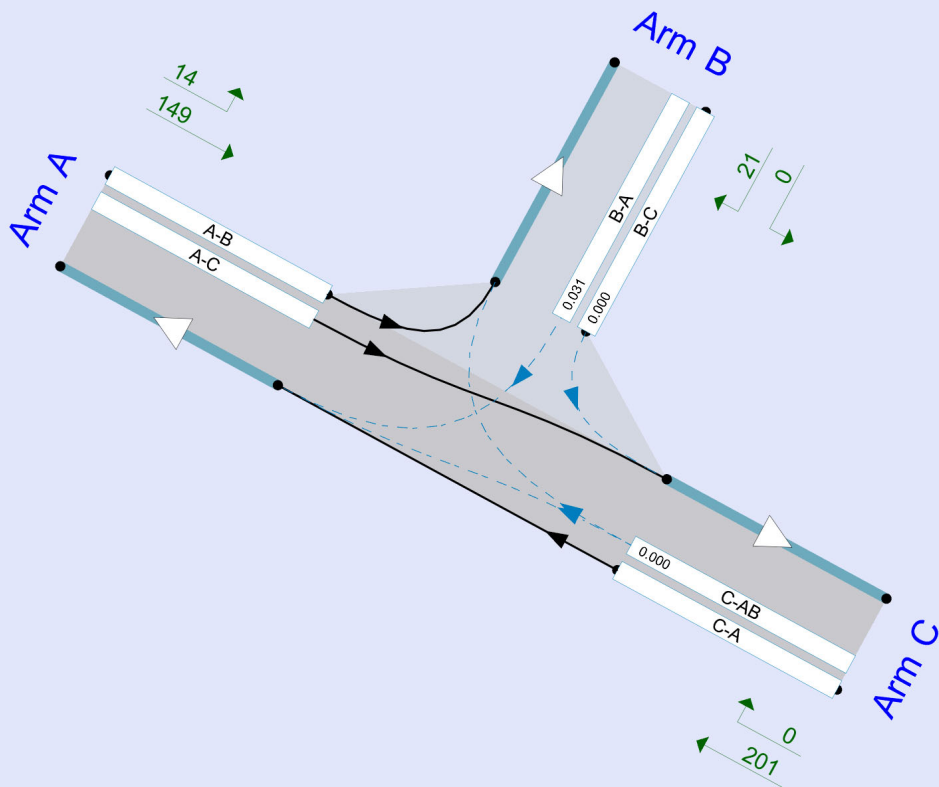
File summary

File Description

Title	
Location	Main Road/Nurstead Lane West
Site number	12
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
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	✓
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	Vehicle Mix	Junction 1	HV% is zero for all movements / time segments. Vehicle Mix matrix should be completed whether working in PCUs or Vehs. If HV% at the junction is genuinely zero, please ignore this warning.

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	0.29	A

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	0.29	A

Arms

Arms

Arm	Name	Description	Arm type
A	Main Road W		Major
B	Nurstead Lane W		Minor
C	Main 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	6.20			114.7	✓	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	8.00	5.20	3.20	2.40	2.40	✓	1.00	107	34

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	561	0.101	0.255	0.160	0.364
B-C	555	0.085	0.214	-	-
C-B	640	0.246	0.246	-	-

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	✓	241	100.000
B		ONE HOUR	✓	15	100.000
C		ONE HOUR	✓	159	100.000

Origin-Destination Data

Demand (PCU/hr)

	To			
From		A	B	C
	A	0	18	223
	B	15	0	0
	C	159	0	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	0
	B	0	0	0
	C	0	0	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/hr)	Total Junction Arrivals (PCU)
B-C	0.00	0.00	0.0	A	0	0
B-A	0.04	7.97	0.0	A	14	21
C-AB	0.00	0.00	0.0	A	0	0
C-A					146	219
A-B					17	25
A-C					205	307

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	0	0	0.00	515	0.000	0	0.0	0.0	0.000	A
B-A	11	3	0.00	497	0.023	11	0.0	0.0	7.404	A
C-AB	0	0	0.00	596	0.000	0	0.0	0.0	0.000	A
C-A	120	30	0.00			120				
A-B	14	3	0.00			14				
A-C	168	42	0.00			168				

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	0	0	0.00	507	0.000	0	0.0	0.0	0.000	A
B-A	13	3	0.00	485	0.028	13	0.0	0.0	7.631	A
C-AB	0	0	0.00	587	0.000	0	0.0	0.0	0.000	A
C-A	143	36	0.00			143				
A-B	16	4	0.00			16				
A-C	200	50	0.00			200				

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	0	0	0.00	496	0.000	0	0.0	0.0	0.000	A
B-A	17	4	0.00	468	0.035	16	0.0	0.0	7.971	A
C-AB	0	0	0.00	575	0.000	0	0.0	0.0	0.000	A
C-A	175	44	0.00			175				
A-B	20	5	0.00			20				
A-C	246	61	0.00			246				

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	0	0	0.00	496	0.000	0	0.0	0.0	0.000	A
B-A	17	4	0.00	468	0.035	17	0.0	0.0	7.971	A
C-AB	0	0	0.00	575	0.000	0	0.0	0.0	0.000	A
C-A	175	44	0.00			175				
A-B	20	5	0.00			20				
A-C	246	61	0.00			246				

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	0	0	0.00	507	0.000	0	0.0	0.0	0.000	A
B-A	13	3	0.00	485	0.028	14	0.0	0.0	7.635	A
C-AB	0	0	0.00	587	0.000	0	0.0	0.0	0.000	A
C-A	143	36	0.00			143				
A-B	16	4	0.00			16				
A-C	200	50	0.00			200				

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	0	0	0.00	515	0.000	0	0.0	0.0	0.000	A
B-A	11	3	0.00	497	0.023	11	0.0	0.0	7.408	A
C-AB	0	0	0.00	596	0.000	0	0.0	0.0	0.000	A
C-A	120	30	0.00			120				
A-B	14	3	0.00			14				
A-C	168	42	0.00			168				

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	0.47	A

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	0.47	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	✓	114	100.000
B		ONE HOUR	✓	18	100.000
C		ONE HOUR	✓	151	100.000

Origin-Destination Data

Demand (PCU/hr)

	To			
From		A	B	C
	A	0	24	90
	B	18	0	0
	C	151	0	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	0
	B	0	0	0
	C	1	0	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/hr)	Total Junction Arrivals (PCU)
B-C	0.00	0.00	0.0	A	0	0
B-A	0.04	7.40	0.0	A	17	25
C-AB	0.00	0.00	0.0	A	0	0
C-A					139	208
A-B					22	33
A-C					83	124

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	0	0	0.00	535	0.000	0	0.0	0.0	0.000	A
B-A	14	3	0.00	523	0.026	13	0.0	0.0	7.056	A
C-AB	0	0	0.00	619	0.000	0	0.0	0.0	0.000	A
C-A	114	28	0.00			114				
A-B	18	5	0.00			18				
A-C	68	17	0.00			68				

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	0	0	0.00	531	0.000	0	0.0	0.0	0.000	A
B-A	16	4	0.00	516	0.031	16	0.0	0.0	7.198	A
C-AB	0	0	0.00	615	0.000	0	0.0	0.0	0.000	A
C-A	136	34	0.00			136				
A-B	22	5	0.00			22				
A-C	81	20	0.00			81				

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	0	0	0.00	526	0.000	0	0.0	0.0	0.000	A
B-A	20	5	0.00	506	0.039	20	0.0	0.0	7.400	A
C-AB	0	0	0.00	610	0.000	0	0.0	0.0	0.000	A
C-A	166	42	0.00			166				
A-B	26	7	0.00			26				
A-C	99	25	0.00			99				

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	0	0	0.00	526	0.000	0	0.0	0.0	0.000	A
B-A	20	5	0.00	506	0.039	20	0.0	0.0	7.400	A
C-AB	0	0	0.00	610	0.000	0	0.0	0.0	0.000	A
C-A	166	42	0.00			166				
A-B	26	7	0.00			26				
A-C	99	25	0.00			99				

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	0	0	0.00	531	0.000	0	0.0	0.0	0.000	A
B-A	16	4	0.00	516	0.031	16	0.0	0.0	7.202	A
C-AB	0	0	0.00	615	0.000	0	0.0	0.0	0.000	A
C-A	136	34	0.00			136				
A-B	22	5	0.00			22				
A-C	81	20	0.00			81				

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	0	0	0.00	535	0.000	0	0.0	0.0	0.000	A
B-A	14	3	0.00	523	0.026	14	0.0	0.0	7.060	A
C-AB	0	0	0.00	619	0.000	0	0.0	0.0	0.000	A
C-A	114	28	0.00			114				
A-B	18	5	0.00			18				
A-C	68	17	0.00			68				

D5 - 2032 | Reference Case + Site 2 | AM

Data Errors and Warnings

Severity	Area	Item	Description
Warning	Vehicle Mix	Junction 1	HV% is zero for all movements / time segments. Vehicle Mix matrix should be completed whether working in PCUs or Vehs. If HV% at the junction is genuinely zero, please ignore this warning.

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	0.27	A

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	0.27	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
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	✓	239	100.000
B		ONE HOUR	✓	14	100.000
C		ONE HOUR	✓	166	100.000

Origin-Destination Data

Demand (PCU/hr)

	To			
From		A	B	C
	A	0	16	223
	B	14	0	0
	C	166	0	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	0
	B	0	0	0
	C	0	0	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/hr)	Total Junction Arrivals (PCU)
B-C	0.00	0.00	0.0	A	0	0
B-A	0.03	7.97	0.0	A	13	19
C-AB	0.00	0.00	0.0	A	0	0
C-A					152	228
A-B					15	22
A-C					205	307

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	0	0	0.00	515	0.000	0	0.0	0.0	0.000	A
B-A	11	3	0.00	497	0.021	10	0.0	0.0	7.403	A
C-AB	0	0	0.00	596	0.000	0	0.0	0.0	0.000	A
C-A	125	31	0.00			125				
A-B	12	3	0.00			12				
A-C	168	42	0.00			168				

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	0	0	0.00	507	0.000	0	0.0	0.0	0.000	A
B-A	13	3	0.00	484	0.026	13	0.0	0.0	7.630	A
C-AB	0	0	0.00	588	0.000	0	0.0	0.0	0.000	A
C-A	149	37	0.00			149				
A-B	14	4	0.00			14				
A-C	200	50	0.00			200				

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	0	0	0.00	496	0.000	0	0.0	0.0	0.000	A
B-A	15	4	0.00	467	0.033	15	0.0	0.0	7.969	A
C-AB	0	0	0.00	576	0.000	0	0.0	0.0	0.000	A
C-A	183	46	0.00			183				
A-B	18	4	0.00			18				
A-C	246	61	0.00			246				

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	0	0	0.00	496	0.000	0	0.0	0.0	0.000	A
B-A	15	4	0.00	467	0.033	15	0.0	0.0	7.969	A
C-AB	0	0	0.00	576	0.000	0	0.0	0.0	0.000	A
C-A	183	46	0.00			183				
A-B	18	4	0.00			18				
A-C	246	61	0.00			246				

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	0	0	0.00	507	0.000	0	0.0	0.0	0.000	A
B-A	13	3	0.00	484	0.026	13	0.0	0.0	7.634	A
C-AB	0	0	0.00	588	0.000	0	0.0	0.0	0.000	A
C-A	149	37	0.00			149				
A-B	14	4	0.00			14				
A-C	200	50	0.00			200				

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	0	0	0.00	515	0.000	0	0.0	0.0	0.000	A
B-A	11	3	0.00	497	0.021	11	0.0	0.0	7.407	A
C-AB	0	0	0.00	596	0.000	0	0.0	0.0	0.000	A
C-A	125	31	0.00			125				
A-B	12	3	0.00			12				
A-C	168	42	0.00			168				

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	0.44	A

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	0.44	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	✓	118	100.000
B		ONE HOUR	✓	17	100.000
C		ONE HOUR	✓	152	100.000

Origin-Destination Data

Demand (PCU/hr)

	To			
From		A	B	C
	A	0	23	95
	B	17	0	0
	C	152	0	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	0
	B	0	0	0
	C	1	0	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/hr)	Total Junction Arrivals (PCU)
B-C	0.00	0.00	0.0	A	0	0
B-A	0.04	7.41	0.0	A	16	23
C-AB	0.00	0.00	0.0	A	0	0
C-A					139	209
A-B					21	32
A-C					87	131

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	0	0	0.00	535	0.000	0	0.0	0.0	0.000	A
B-A	13	3	0.00	522	0.025	13	0.0	0.0	7.062	A
C-AB	0	0	0.00	619	0.000	0	0.0	0.0	0.000	A
C-A	114	29	0.00			114				
A-B	17	4	0.00			17				
A-C	72	18	0.00			72				

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	0	0	0.00	531	0.000	0	0.0	0.0	0.000	A
B-A	15	4	0.00	515	0.030	15	0.0	0.0	7.203	A
C-AB	0	0	0.00	614	0.000	0	0.0	0.0	0.000	A
C-A	137	34	0.00			137				
A-B	21	5	0.00			21				
A-C	85	21	0.00			85				

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	0	0	0.00	525	0.000	0	0.0	0.0	0.000	A
B-A	19	5	0.00	505	0.037	19	0.0	0.0	7.406	A
C-AB	0	0	0.00	608	0.000	0	0.0	0.0	0.000	A
C-A	167	42	0.00			167				
A-B	25	6	0.00			25				
A-C	105	26	0.00			105				

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	0	0	0.00	525	0.000	0	0.0	0.0	0.000	A
B-A	19	5	0.00	505	0.037	19	0.0	0.0	7.406	A
C-AB	0	0	0.00	608	0.000	0	0.0	0.0	0.000	A
C-A	167	42	0.00			167				
A-B	25	6	0.00			25				
A-C	105	26	0.00			105				

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	0	0	0.00	531	0.000	0	0.0	0.0	0.000	A
B-A	15	4	0.00	515	0.030	15	0.0	0.0	7.206	A
C-AB	0	0	0.00	614	0.000	0	0.0	0.0	0.000	A
C-A	137	34	0.00			137				
A-B	21	5	0.00			21				
A-C	85	21	0.00			85				

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	0	0	0.00	535	0.000	0	0.0	0.0	0.000	A
B-A	13	3	0.00	522	0.025	13	0.0	0.0	7.066	A
C-AB	0	0	0.00	619	0.000	0	0.0	0.0	0.000	A
C-A	114	29	0.00			114				
A-B	17	4	0.00			17				
A-C	72	18	0.00			72				

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	0.30	A

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	0.30	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	✓	231	100.000
B		ONE HOUR	✓	16	100.000
C		ONE HOUR	✓	188	100.000

Origin-Destination Data

Demand (PCU/hr)

	To			
		A	B	C
	A	0	6	225
	B	16	0	0
	C	188	0	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	0
	B	0	0	0
	C	1	0	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/hr)	Total Junction Arrivals (PCU)
B-C	0.00	0.00	0.0	A	0	0
B-A	0.04	8.07	0.0	A	15	22
C-AB	0.00	0.00	0.0	A	0	0
C-A					173	259
A-B					6	8
A-C					206	310

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	0	0	0.00	515	0.000	0	0.0	0.0	0.000	A
B-A	12	3	0.00	494	0.024	12	0.0	0.0	7.458	A
C-AB	0	0	0.00	598	0.000	0	0.0	0.0	0.000	A
C-A	142	35	0.00			142				
A-B	5	1	0.00			5				
A-C	169	42	0.00			169				

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	0	0	0.00	507	0.000	0	0.0	0.0	0.000	A
B-A	14	4	0.00	482	0.030	14	0.0	0.0	7.705	A
C-AB	0	0	0.00	589	0.000	0	0.0	0.0	0.000	A
C-A	169	42	0.00			169				
A-B	5	1	0.00			5				
A-C	202	51	0.00			202				

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	0	0	0.00	496	0.000	0	0.0	0.0	0.000	A
B-A	18	4	0.00	464	0.038	18	0.0	0.0	8.068	A
C-AB	0	0	0.00	578	0.000	0	0.0	0.0	0.000	A
C-A	207	52	0.00			207				
A-B	7	2	0.00			7				
A-C	248	62	0.00			248				

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	0	0	0.00	496	0.000	0	0.0	0.0	0.000	A
B-A	18	4	0.00	464	0.038	18	0.0	0.0	8.068	A
C-AB	0	0	0.00	578	0.000	0	0.0	0.0	0.000	A
C-A	207	52	0.00			207				
A-B	7	2	0.00			7				
A-C	248	62	0.00			248				

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	0	0	0.00	507	0.000	0	0.0	0.0	0.000	A
B-A	14	4	0.00	482	0.030	14	0.0	0.0	7.706	A
C-AB	0	0	0.00	589	0.000	0	0.0	0.0	0.000	A
C-A	169	42	0.00			169				
A-B	5	1	0.00			5				
A-C	202	51	0.00			202				

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	0	0	0.00	515	0.000	0	0.0	0.0	0.000	A
B-A	12	3	0.00	494	0.024	12	0.0	0.0	7.462	A
C-AB	0	0	0.00	598	0.000	0	0.0	0.0	0.000	A
C-A	142	35	0.00			142				
A-B	5	1	0.00			5				
A-C	169	42	0.00			169				

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	0.41	A

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	0.41	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	✓	115	100.000
B		ONE HOUR	✓	16	100.000
C		ONE HOUR	✓	159	100.000

Origin-Destination Data

Demand (PCU/hr)

	To			
		A	B	C
	A	0	17	98
	B	16	0	0
	C	159	0	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	0
	B	0	0	0
	C	1	0	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/hr)	Total Junction Arrivals (PCU)
B-C	0.00	0.00	0.0	A	0	0
B-A	0.04	7.41	0.0	A	15	22
C-AB	0.00	0.00	0.0	A	0	0
C-A					146	219
A-B					16	23
A-C					90	135

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	0	0	0.00	535	0.000	0	0.0	0.0	0.000	A
B-A	12	3	0.00	521	0.023	12	0.0	0.0	7.065	A
C-AB	0	0	0.00	619	0.000	0	0.0	0.0	0.000	A
C-A	120	30	0.00			120				
A-B	13	3	0.00			13				
A-C	74	18	0.00			74				

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	0	0	0.00	531	0.000	0	0.0	0.0	0.000	A
B-A	14	4	0.00	514	0.028	14	0.0	0.0	7.206	A
C-AB	0	0	0.00	615	0.000	0	0.0	0.0	0.000	A
C-A	143	36	0.00			143				
A-B	15	4	0.00			15				
A-C	88	22	0.00			88				

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	0	0	0.00	525	0.000	0	0.0	0.0	0.000	A
B-A	18	4	0.00	503	0.035	18	0.0	0.0	7.411	A
C-AB	0	0	0.00	609	0.000	0	0.0	0.0	0.000	A
C-A	175	44	0.00			175				
A-B	19	5	0.00			19				
A-C	108	27	0.00			108				

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	0	0	0.00	525	0.000	0	0.0	0.0	0.000	A
B-A	18	4	0.00	503	0.035	18	0.0	0.0	7.411	A
C-AB	0	0	0.00	609	0.000	0	0.0	0.0	0.000	A
C-A	175	44	0.00			175				
A-B	19	5	0.00			19				
A-C	108	27	0.00			108				

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	0	0	0.00	531	0.000	0	0.0	0.0	0.000	A
B-A	14	4	0.00	514	0.028	14	0.0	0.0	7.210	A
C-AB	0	0	0.00	615	0.000	0	0.0	0.0	0.000	A
C-A	143	36	0.00			143				
A-B	15	4	0.00			15				
A-C	88	22	0.00			88				

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	0	0	0.00	535	0.000	0	0.0	0.0	0.000	A
B-A	12	3	0.00	521	0.023	12	0.0	0.0	7.066	A
C-AB	0	0	0.00	619	0.000	0	0.0	0.0	0.000	A
C-A	120	30	0.00			120				
A-B	13	3	0.00			13				
A-C	74	18	0.00			74				

D9 - 2042 | Local Plan | AM

Data Errors and Warnings

Severity	Area	Item	Description
Warning	Vehicle Mix	Junction 1	HV% is zero for all movements / time segments. Vehicle Mix matrix should be completed whether working in PCUs or Vehs. If HV% at the junction is genuinely zero, please ignore this warning.

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	0.35	A

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	0.35	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
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	✓	230	100.000
B		ONE HOUR	✓	24	100.000
C		ONE HOUR	✓	353	100.000

Origin-Destination Data

Demand (PCU/hr)

	To			
From		A	B	C
	A	0	12	218
	B	24	0	0
	C	353	0	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	0
	B	0	0	0
	C	0	0	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/hr)	Total Junction Arrivals (PCU)
B-C	0.00	0.00	0.0	A	0	0
B-A	0.06	8.79	0.1	A	22	33
C-AB	0.00	0.00	0.0	A	0	0
C-A					324	486
A-B					11	17
A-C					200	300

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	0	0	0.00	514	0.000	0	0.0	0.0	0.000	A
B-A	18	5	0.00	475	0.038	18	0.0	0.0	7.866	A
C-AB	0	0	0.00	598	0.000	0	0.0	0.0	0.000	A
C-A	266	66	0.00			266				
A-B	9	2	0.00			9				
A-C	164	41	0.00			164				

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	0	0	0.00	506	0.000	0	0.0	0.0	0.000	A
B-A	22	5	0.00	459	0.047	22	0.0	0.0	8.232	A
C-AB	0	0	0.00	590	0.000	0	0.0	0.0	0.000	A
C-A	317	79	0.00			317				
A-B	11	3	0.00			11				
A-C	196	49	0.00			196				

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	0	0	0.00	495	0.000	0	0.0	0.0	0.000	A
B-A	26	7	0.00	436	0.061	26	0.0	0.1	8.788	A
C-AB	0	0	0.00	578	0.000	0	0.0	0.0	0.000	A
C-A	389	97	0.00			389				
A-B	13	3	0.00			13				
A-C	240	60	0.00			240				

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	0	0	0.00	495	0.000	0	0.0	0.0	0.000	A
B-A	26	7	0.00	436	0.061	26	0.1	0.1	8.790	A
C-AB	0	0	0.00	578	0.000	0	0.0	0.0	0.000	A
C-A	389	97	0.00			389				
A-B	13	3	0.00			13				
A-C	240	60	0.00			240				

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	0	0	0.00	506	0.000	0	0.0	0.0	0.000	A
B-A	22	5	0.00	459	0.047	22	0.1	0.0	8.236	A
C-AB	0	0	0.00	590	0.000	0	0.0	0.0	0.000	A
C-A	317	79	0.00			317				
A-B	11	3	0.00			11				
A-C	196	49	0.00			196				

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	0	0	0.00	514	0.000	0	0.0	0.0	0.000	A
B-A	18	5	0.00	475	0.038	18	0.0	0.0	7.872	A
C-AB	0	0	0.00	598	0.000	0	0.0	0.0	0.000	A
C-A	266	66	0.00			266				
A-B	9	2	0.00			9				
A-C	164	41	0.00			164				

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	0.42	A

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	0.42	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	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	✓	143	100.000
B		ONE HOUR	✓	20	100.000
C		ONE HOUR	✓	201	100.000

Origin-Destination Data

Demand (PCU/hr)

	To			
From		A	B	C
	A	0	23	120
	B	20	0	0
	C	201	0	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	0
	B	0	0	0
	C	1	0	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/hr)	Total Junction Arrivals (PCU)
B-C	0.00	0.00	0.0	A	0	0
B-A	0.05	7.71	0.0	A	18	28
C-AB	0.00	0.00	0.0	A	0	0
C-A					184	277
A-B					21	32
A-C					110	165

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	0	0	0.00	530	0.000	0	0.0	0.0	0.000	A
B-A	15	4	0.00	512	0.029	15	0.0	0.0	7.244	A
C-AB	0	0	0.00	614	0.000	0	0.0	0.0	0.000	A
C-A	151	38	0.00			151				
A-B	17	4	0.00			17				
A-C	90	23	0.00			90				

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	0	0	0.00	525	0.000	0	0.0	0.0	0.000	A
B-A	18	4	0.00	502	0.036	18	0.0	0.0	7.433	A
C-AB	0	0	0.00	609	0.000	0	0.0	0.0	0.000	A
C-A	181	45	0.00			181				
A-B	21	5	0.00			21				
A-C	108	27	0.00			108				

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	0	0	0.00	518	0.000	0	0.0	0.0	0.000	A
B-A	22	6	0.00	489	0.045	22	0.0	0.0	7.707	A
C-AB	0	0	0.00	602	0.000	0	0.0	0.0	0.000	A
C-A	221	55	0.00			221				
A-B	25	6	0.00			25				
A-C	132	33	0.00			132				

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	0	0	0.00	518	0.000	0	0.0	0.0	0.000	A
B-A	22	6	0.00	489	0.045	22	0.0	0.0	7.707	A
C-AB	0	0	0.00	602	0.000	0	0.0	0.0	0.000	A
C-A	221	55	0.00			221				
A-B	25	6	0.00			25				
A-C	132	33	0.00			132				

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	0	0	0.00	525	0.000	0	0.0	0.0	0.000	A
B-A	18	4	0.00	502	0.036	18	0.0	0.0	7.437	A
C-AB	0	0	0.00	609	0.000	0	0.0	0.0	0.000	A
C-A	181	45	0.00			181				
A-B	21	5	0.00			21				
A-C	108	27	0.00			108				

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	0	0	0.00	530	0.000	0	0.0	0.0	0.000	A
B-A	15	4	0.00	512	0.029	15	0.0	0.0	7.248	A
C-AB	0	0	0.00	614	0.000	0	0.0	0.0	0.000	A
C-A	151	38	0.00			151				
A-B	17	4	0.00			17				
A-C	90	23	0.00			90				

D13 - 2042 | Local Plan + Site 2 | AM

Data Errors and Warnings

Severity	Area	Item	Description
Warning	Vehicle Mix	Junction 1	HV% is zero for all movements / time segments. Vehicle Mix matrix should be completed whether working in PCUs or Vehs. If HV% at the junction is genuinely zero, please ignore this warning.

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	0.34	A

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	0.34	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
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	✓	232	100.000
B		ONE HOUR	✓	24	100.000
C		ONE HOUR	✓	360	100.000

Origin-Destination Data

Demand (PCU/hr)

	To			
From		A	B	C
	A	0	12	220
	B	24	0	0
	C	360	0	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	0
	B	0	0	0
	C	0	0	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/hr)	Total Junction Arrivals (PCU)
B-C	0.00	0.00	0.0	A	0	0
B-A	0.06	8.83	0.1	A	22	33
C-AB	0.00	0.00	0.0	A	0	0
C-A					330	496
A-B					11	17
A-C					202	303

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	0	0	0.00	514	0.000	0	0.0	0.0	0.000	A
B-A	18	5	0.00	474	0.038	18	0.0	0.0	7.887	A
C-AB	0	0	0.00	597	0.000	0	0.0	0.0	0.000	A
C-A	271	68	0.00			271				
A-B	9	2	0.00			9				
A-C	166	41	0.00			166				

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	0	0	0.00	505	0.000	0	0.0	0.0	0.000	A
B-A	22	5	0.00	457	0.047	22	0.0	0.0	8.259	A
C-AB	0	0	0.00	589	0.000	0	0.0	0.0	0.000	A
C-A	324	81	0.00			324				
A-B	11	3	0.00			11				
A-C	198	49	0.00			198				

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	0	0	0.00	494	0.000	0	0.0	0.0	0.000	A
B-A	26	7	0.00	434	0.061	26	0.0	0.1	8.827	A
C-AB	0	0	0.00	578	0.000	0	0.0	0.0	0.000	A
C-A	396	99	0.00			396				
A-B	13	3	0.00			13				
A-C	242	61	0.00			242				

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	0	0	0.00	494	0.000	0	0.0	0.0	0.000	A
B-A	26	7	0.00	434	0.061	26	0.1	0.1	8.828	A
C-AB	0	0	0.00	578	0.000	0	0.0	0.0	0.000	A
C-A	396	99	0.00			396				
A-B	13	3	0.00			13				
A-C	242	61	0.00			242				

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	0	0	0.00	505	0.000	0	0.0	0.0	0.000	A
B-A	22	5	0.00	457	0.047	22	0.1	0.0	8.263	A
C-AB	0	0	0.00	589	0.000	0	0.0	0.0	0.000	A
C-A	324	81	0.00			324				
A-B	11	3	0.00			11				
A-C	198	49	0.00			198				

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	0	0	0.00	513	0.000	0	0.0	0.0	0.000	A
B-A	18	5	0.00	474	0.038	18	0.0	0.0	7.893	A
C-AB	0	0	0.00	597	0.000	0	0.0	0.0	0.000	A
C-A	271	68	0.00			271				
A-B	9	2	0.00			9				
A-C	166	41	0.00			166				

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	0.44	A

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	0.44	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	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	✓	149	100.000
B		ONE HOUR	✓	21	100.000
C		ONE HOUR	✓	200	100.000

Origin-Destination Data

Demand (PCU/hr)

From	To			
		A	B	C
	A	0	23	126
	B	21	0	0
	C	200	0	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	0
	B	0	0	0
	C	1	0	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/hr)	Total Junction Arrivals (PCU)
B-C	0.00	0.00	0.0	A	0	0
B-A	0.05	7.75	0.0	A	19	29
C-AB	0.00	0.00	0.0	A	0	0
C-A					184	275
A-B					21	32
A-C					116	173

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	0	0	0.00	529	0.000	0	0.0	0.0	0.000	A
B-A	16	4	0.00	511	0.031	16	0.0	0.0	7.270	A
C-AB	0	0	0.00	613	0.000	0	0.0	0.0	0.000	A
C-A	151	38	0.00			151				
A-B	17	4	0.00			17				
A-C	95	24	0.00			95				

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	0	0	0.00	524	0.000	0	0.0	0.0	0.000	A
B-A	19	5	0.00	501	0.038	19	0.0	0.0	7.466	A
C-AB	0	0	0.00	607	0.000	0	0.0	0.0	0.000	A
C-A	180	45	0.00			180				
A-B	21	5	0.00			21				
A-C	113	28	0.00			113				

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	0	0	0.00	517	0.000	0	0.0	0.0	0.000	A
B-A	23	6	0.00	488	0.047	23	0.0	0.0	7.751	A
C-AB	0	0	0.00	600	0.000	0	0.0	0.0	0.000	A
C-A	220	55	0.00			220				
A-B	25	6	0.00			25				
A-C	139	35	0.00			139				

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	0	0	0.00	517	0.000	0	0.0	0.0	0.000	A
B-A	23	6	0.00	488	0.047	23	0.0	0.0	7.751	A
C-AB	0	0	0.00	600	0.000	0	0.0	0.0	0.000	A
C-A	220	55	0.00			220				
A-B	25	6	0.00			25				
A-C	139	35	0.00			139				

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	0	0	0.00	524	0.000	0	0.0	0.0	0.000	A
B-A	19	5	0.00	501	0.038	19	0.0	0.0	7.467	A
C-AB	0	0	0.00	607	0.000	0	0.0	0.0	0.000	A
C-A	180	45	0.00			180				
A-B	21	5	0.00			21				
A-C	113	28	0.00			113				

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	0	0	0.00	529	0.000	0	0.0	0.0	0.000	A
B-A	16	4	0.00	511	0.031	16	0.0	0.0	7.274	A
C-AB	0	0	0.00	613	0.000	0	0.0	0.0	0.000	A
C-A	151	38	0.00			151				
A-B	17	4	0.00			17				
A-C	95	24	0.00			95				

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

Data Errors and Warnings

Severity	Area	Item	Description
Warning	Vehicle Mix	Junction 1	HV% is zero for all movements / time segments. Vehicle Mix matrix should be completed whether working in PCUs or Vehs. If HV% at the junction is genuinely zero, please ignore this warning.

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	0.34	A

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	0.34	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
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	✓	236	100.000
B		ONE HOUR	✓	24	100.000
C		ONE HOUR	✓	369	100.000

Origin-Destination Data

Demand (PCU/hr)

	To			
		A	B	C
	A	0	12	224
	B	24	0	0
	C	369	0	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	0
	B	0	0	0
	C	0	0	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/hr)	Total Junction Arrivals (PCU)
B-C	0.00	0.00	0.0	A	0	0
B-A	0.06	8.89	0.1	A	22	33
C-AB	0.00	0.00	0.0	A	0	0
C-A					339	508
A-B					11	17
A-C					206	308

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	0	0	0.00	513	0.000	0	0.0	0.0	0.000	A
B-A	18	5	0.00	472	0.038	18	0.0	0.0	7.919	A
C-AB	0	0	0.00	597	0.000	0	0.0	0.0	0.000	A
C-A	278	69	0.00			278				
A-B	9	2	0.00			9				
A-C	169	42	0.00			169				

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	0	0	0.00	505	0.000	0	0.0	0.0	0.000	A
B-A	22	5	0.00	455	0.047	22	0.0	0.0	8.302	A
C-AB	0	0	0.00	588	0.000	0	0.0	0.0	0.000	A
C-A	332	83	0.00			332				
A-B	11	3	0.00			11				
A-C	201	50	0.00			201				

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	0	0	0.00	493	0.000	0	0.0	0.0	0.000	A
B-A	26	7	0.00	431	0.061	26	0.0	0.1	8.886	A
C-AB	0	0	0.00	576	0.000	0	0.0	0.0	0.000	A
C-A	406	102	0.00			406				
A-B	13	3	0.00			13				
A-C	247	62	0.00			247				

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	0	0	0.00	493	0.000	0	0.0	0.0	0.000	A
B-A	26	7	0.00	431	0.061	26	0.1	0.1	8.887	A
C-AB	0	0	0.00	576	0.000	0	0.0	0.0	0.000	A
C-A	406	102	0.00			406				
A-B	13	3	0.00			13				
A-C	247	62	0.00			247				

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	0	0	0.00	505	0.000	0	0.0	0.0	0.000	A
B-A	22	5	0.00	455	0.047	22	0.1	0.1	8.306	A
C-AB	0	0	0.00	588	0.000	0	0.0	0.0	0.000	A
C-A	332	83	0.00			332				
A-B	11	3	0.00			11				
A-C	201	50	0.00			201				

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	0	0	0.00	513	0.000	0	0.0	0.0	0.000	A
B-A	18	5	0.00	472	0.038	18	0.1	0.0	7.927	A
C-AB	0	0	0.00	597	0.000	0	0.0	0.0	0.000	A
C-A	278	69	0.00			278				
A-B	9	2	0.00			9				
A-C	169	42	0.00			169				

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	0.43	A

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	0.43	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
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	✓	163	100.000
B		ONE HOUR	✓	21	100.000
C		ONE HOUR	✓	201	100.000

Origin-Destination Data

Demand (PCU/hr)

	To			
From		A	B	C
	A	0	14	149
	B	21	0	0
	C	201	0	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	0
	B	0	0	0
	C	1	0	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/hr)	Total Junction Arrivals (PCU)
B-C	0.00	0.00	0.0	A	0	0
B-A	0.05	7.85	0.1	A	19	29
C-AB	0.00	0.00	0.0	A	0	0
C-A					184	277
A-B					13	19
A-C					137	205

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	0	0	0.00	526	0.000	0	0.0	0.0	0.000	A
B-A	16	4	0.00	507	0.031	16	0.0	0.0	7.327	A
C-AB	0	0	0.00	610	0.000	0	0.0	0.0	0.000	A
C-A	151	38	0.00			151				
A-B	11	3	0.00			11				
A-C	112	28	0.00			112				

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	0	0	0.00	520	0.000	0	0.0	0.0	0.000	A
B-A	19	5	0.00	496	0.038	19	0.0	0.0	7.538	A
C-AB	0	0	0.00	604	0.000	0	0.0	0.0	0.000	A
C-A	181	45	0.00			181				
A-B	13	3	0.00			13				
A-C	134	33	0.00			134				

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	0	0	0.00	512	0.000	0	0.0	0.0	0.000	A
B-A	23	6	0.00	482	0.048	23	0.0	0.0	7.846	A
C-AB	0	0	0.00	596	0.000	0	0.0	0.0	0.000	A
C-A	221	55	0.00			221				
A-B	15	4	0.00			15				
A-C	164	41	0.00			164				

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	0	0	0.00	512	0.000	0	0.0	0.0	0.000	A
B-A	23	6	0.00	482	0.048	23	0.0	0.1	7.846	A
C-AB	0	0	0.00	596	0.000	0	0.0	0.0	0.000	A
C-A	221	55	0.00			221				
A-B	15	4	0.00			15				
A-C	164	41	0.00			164				

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	0	0	0.00	520	0.000	0	0.0	0.0	0.000	A
B-A	19	5	0.00	496	0.038	19	0.1	0.0	7.539	A
C-AB	0	0	0.00	604	0.000	0	0.0	0.0	0.000	A
C-A	181	45	0.00			181				
A-B	13	3	0.00			13				
A-C	134	33	0.00			134				

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	0	0	0.00	526	0.000	0	0.0	0.0	0.000	A
B-A	16	4	0.00	507	0.031	16	0.0	0.0	7.331	A
C-AB	0	0	0.00	610	0.000	0	0.0	0.0	0.000	A
C-A	151	38	0.00			151				
A-B	11	3	0.00			11				
A-C	112	28	0.00			112				