

Junctions 11

PICADY 11 - Priority Intersection Module

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Filename: Junction 3 - Wrotham Road_Green Lane.j11

Path: C:\Users\MatthewJohnson\Hub Transport Planning Ltd\Hub Transport Planning - General\Projects\T25512
Wrotham Road, Meopham\Modelling\Picady

Report generation date: 27/05/2026 09:39:55

»D1 - 2032 | Reference Case | AM
»D2 - 2032 | Reference Case | PM
»D3 - 2032 | Reference Case + Site 1 | AM
»D4 - 2032 | Reference Case + Site 1 | 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
»D11 - 2042 | Local Plan + Site 1 | AM
»D12 - 2042 | Local Plan + Site 1 | 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	0.8	11.72	0.44	D2	0.4	8.58	0.27
Stream B-A		0.1	17.62	0.12		0.1	19.68	0.09
Stream C-AB		0.4	8.47	0.30		1.2	10.95	0.50
	2032 - Reference Case + Site 1							
Stream B-C	D3	1.0	12.77	0.48	D4	0.5	9.71	0.35
Stream B-A		0.2	20.34	0.13		0.1	22.52	0.10
Stream C-AB		0.6	9.16	0.36		1.3	11.43	0.52
	2032 - Reference Case + Site 1 + Site 2							
Stream B-C	D7	1.0	12.86	0.48	D8	0.5	9.81	0.35
Stream B-A		0.2	20.38	0.13		0.1	22.44	0.10
Stream C-AB		0.6	9.26	0.37		1.2	11.33	0.51
	2042 - Local Plan							
Stream B-C	D9	45.8	541.63	1.32	D10	0.6	12.06	0.38
Stream B-A		33.5	549.72	1.31		0.8	32.58	0.45
Stream C-AB		0.6	9.59	0.37		1.4	11.74	0.53
	2042 - Local Plan + Site 1							
Stream B-C	D11	54.2	655.34	1.40	D12	0.8	13.87	0.45
Stream B-A		37.1	663.91	1.38		0.9	39.09	0.47
Stream C-AB		0.8	10.45	0.44		1.6	12.29	0.56
	2042 - Local Plan + Site 1 + Site 2							
Stream B-C	D15	53.7	635.87	1.39	D16	0.9	14.72	0.47
Stream B-A		35.4	641.36	1.37		1.0	40.77	0.50
Stream C-AB		0.9	10.48	0.44		1.5	12.12	0.55

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

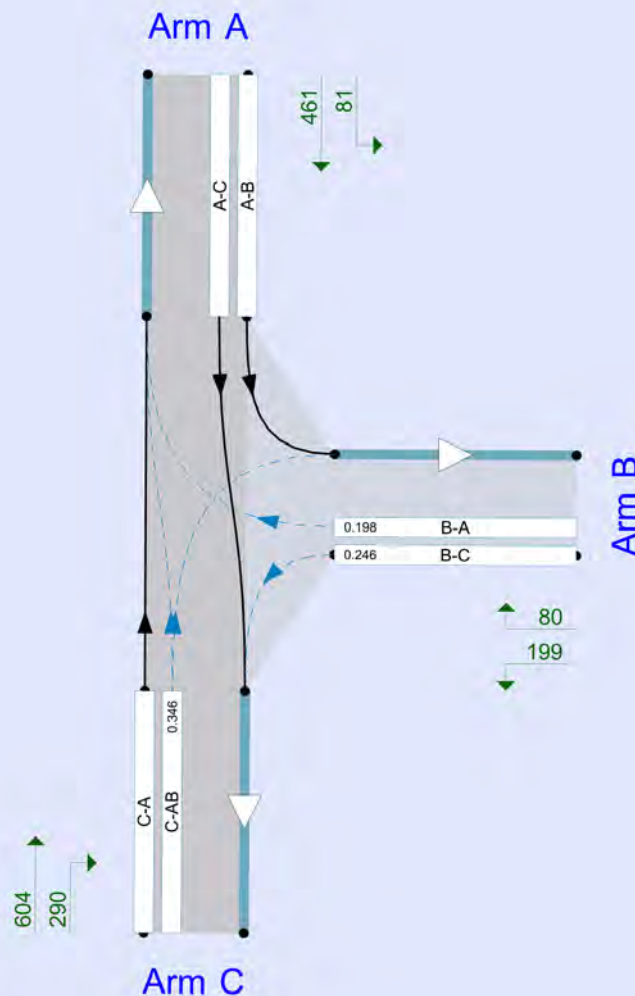
File summary

File Description

Title	
Location	Wrotham Road/Green Lane
Site number	4
Date	08/04/2026
Version	
Status	(new file)
Identifier	MJ
Client	Ricchborough
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,D3,D4,D7,D8,D9,D10,D11,D12,D15,D16	100.000	100.000

D1 - 2032 | Reference Case | AM

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Arm A Direction	Arm B Direction	Arm C Direction	Junction Delay (s)	Junction LOS
1	untitled	T-Junction	Two-way	Two-way	Two-way	3.19	A

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	3.19	A

Arms

Arms

Arm	Name	Description	Arm type
A	Wrotham Road N		Major
B	Green Lane		Minor
C	Wrotham Road S		Major

Major Arm Geometry

Arm	Width of carriageway (m)	Has kerbed central reserve	Has right-turn storage	Width for right-turn storage (m)	Visibility for right turn (m)	Blocks?	Blocking queue (PCU)
C	6.25		✓	3.00	195.6	✓	3.00

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

Minor Arm Geometry

Arm	Minor arm type	Width at give-way (m)	Width at 5m (m)	Width at 10m (m)	Width at 15m (m)	Width at 20m (m)	Estimate flare length	Flare length (PCU)	Visibility to left (m)	Visibility to right (m)
B	One lane plus flare	10.00	5.20	4.20	3.70	3.10	✓	1.00	88	63

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	0.094	0.238	0.150	0.340
B-C	739	0.112	0.284	-	-
C-B	747	0.286	0.286	-	-

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	✓	465	100.000
B		ONE HOUR	✓	256	100.000
C		ONE HOUR	✓	704	100.000

Origin-Destination Data

Demand (PCU/hr)

	To			
		A	B	C
	A	0	30	435
	B	25	0	231
	C	542	162	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	3	3
	B	2	0	6
	C	3	2	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/hr)	Total Junction Arrivals (PCU)
B-C	0.44	11.72	0.8	B	212	318
B-A	0.12	17.62	0.1	C	23	34
C-AB	0.30	8.47	0.4	A	151	227
C-A					495	742
A-B					28	41
A-C					399	599

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	174	43	0.00	634	0.274	172	0.0	0.4	8.235	A
B-A	19	5	0.00	335	0.056	19	0.0	0.1	11.602	B
C-AB	123	31	0.00	650	0.189	122	0.0	0.2	6.938	A
C-A	407	102	0.00			407				
A-B	23	6	0.00			23				
A-C	327	82	0.00			327				

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	208	52	0.00	612	0.339	207	0.4	0.5	9.405	A
B-A	22	6	0.00	294	0.076	22	0.1	0.1	13.500	B
C-AB	147	37	0.00	634	0.232	147	0.2	0.3	7.536	A
C-A	486	121	0.00			486				
A-B	27	7	0.00			27				
A-C	391	98	0.00			391				

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	254	64	0.00	580	0.438	253	0.5	0.8	11.636	B
B-A	28	7	0.00	236	0.117	27	0.1	0.1	17.558	C
C-AB	183	46	0.00	617	0.297	183	0.3	0.4	8.445	A
C-A	592	148	0.00			592				
A-B	33	8	0.00			33				
A-C	479	120	0.00			479				

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	254	64	0.00	580	0.439	254	0.8	0.8	11.716	B
B-A	28	7	0.00	236	0.117	28	0.1	0.1	17.624	C
C-AB	183	46	0.00	617	0.297	183	0.4	0.4	8.466	A
C-A	592	148	0.00			592				
A-B	33	8	0.00			33				
A-C	479	120	0.00			479				

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	208	52	0.00	612	0.339	209	0.8	0.6	9.488	A
B-A	22	6	0.00	294	0.077	23	0.1	0.1	13.555	B
C-AB	147	37	0.00	634	0.232	148	0.4	0.3	7.561	A
C-A	486	121	0.00			486				
A-B	27	7	0.00			27				
A-C	391	98	0.00			391				

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	174	43	0.00	634	0.274	174	0.6	0.4	8.317	A
B-A	19	5	0.00	334	0.056	19	0.1	0.1	11.651	B
C-AB	123	31	0.00	650	0.189	123	0.3	0.2	6.973	A
C-A	407	102	0.00			407				
A-B	23	6	0.00			23				
A-C	327	82	0.00			327				

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	3.36	A

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	3.36	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	✓	452	100.000
B		ONE HOUR	✓	164	100.000
C		ONE HOUR	✓	816	100.000

Origin-Destination Data

Demand (PCU/hr)

	To			
From		A	B	C
	A	0	36	416
	B	17	0	147
	C	543	273	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	4	3
	B	7	0	2
	C	2	5	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	0.27	8.58	0.4	A	135	202
B-A	0.09	19.68	0.1	C	16	23
C-AB	0.50	10.95	1.2	B	270	405
C-A					479	718
A-B					33	50
A-C					382	573

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	111	28	0.00	640	0.173	110	0.0	0.2	6.913	A
B-A	13	3	0.00	315	0.041	13	0.0	0.0	12.732	B
C-AB	210	53	0.00	665	0.316	208	0.0	0.5	8.241	A
C-A	404	101	0.00			404				
A-B	27	7	0.00			27				
A-C	313	78	0.00			313				

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	132	33	0.00	620	0.213	132	0.2	0.3	7.524	A
B-A	15	4	0.00	273	0.056	15	0.0	0.1	14.944	B
C-AB	258	65	0.00	664	0.389	257	0.5	0.7	9.278	A
C-A	475	119	0.00			475				
A-B	32	8	0.00			32				
A-C	374	93	0.00			374				

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	162	40	0.00	590	0.274	161	0.3	0.4	8.558	A
B-A	19	5	0.00	215	0.087	19	0.1	0.1	19.599	C
C-AB	341	85	0.00	686	0.497	339	0.7	1.1	10.842	B
C-A	557	139	0.00			557				
A-B	40	10	0.00			40				
A-C	458	115	0.00			458				

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	162	40	0.00	590	0.274	162	0.4	0.4	8.579	A
B-A	19	5	0.00	214	0.087	19	0.1	0.1	19.679	C
C-AB	341	85	0.00	686	0.497	341	1.1	1.2	10.950	B
C-A	557	139	0.00			557				
A-B	40	10	0.00			40				
A-C	458	115	0.00			458				

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	132	33	0.00	619	0.213	133	0.4	0.3	7.546	A
B-A	15	4	0.00	272	0.056	15	0.1	0.1	15.012	C
C-AB	258	65	0.00	663	0.390	260	1.2	0.7	9.399	A
C-A	475	119	0.00			475				
A-B	32	8	0.00			32				
A-C	374	93	0.00			374				

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	111	28	0.00	640	0.173	111	0.3	0.2	6.947	A
B-A	13	3	0.00	314	0.041	13	0.1	0.0	12.791	B
C-AB	210	53	0.00	665	0.317	211	0.7	0.5	8.344	A
C-A	404	101	0.00			404				
A-B	27	7	0.00			27				
A-C	313	78	0.00			313				

D3 - 2032 | Reference Case + Site 1 | AM

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Arm A Direction	Arm B Direction	Arm C Direction	Junction Delay (s)	Junction LOS
1	untitled	T-Junction	Two-way	Two-way	Two-way	3.59	A

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	3.59	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
D3	2032	Reference Case + Site 1	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	✓	484	100.000
B		ONE HOUR	✓	273	100.000
C		ONE HOUR	✓	778	100.000

Origin-Destination Data

Demand (PCU/hr)

	To			
From		A	B	C
	A	0	30	454
	B	25	0	248
	C	584	194	0

Vehicle Mix

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

Heavy Vehicle %

	To			
From		A	B	C
	A	0	3	3
	B	2	0	6
	C	2	2	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/hr)	Total Junction Arrivals (PCU)
B-C	0.48	12.77	1.0	B	228	341
B-A	0.13	20.34	0.2	C	23	34
C-AB	0.36	9.16	0.6	A	183	275
C-A					531	796
A-B					28	41
A-C					417	625

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	187	47	0.00	630	0.296	185	0.0	0.4	8.543	A
B-A	19	5	0.00	317	0.059	19	0.0	0.1	12.309	B
C-AB	147	37	0.00	648	0.227	146	0.0	0.3	7.296	A
C-A	438	110	0.00			438				
A-B	23	6	0.00			23				
A-C	342	85	0.00			342				

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	223	56	0.00	607	0.367	222	0.4	0.6	9.906	A
B-A	22	6	0.00	272	0.083	22	0.1	0.1	14.696	B
C-AB	178	44	0.00	635	0.280	177	0.3	0.4	8.021	A
C-A	522	130	0.00			522				
A-B	27	7	0.00			27				
A-C	408	102	0.00			408				

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	273	68	0.00	572	0.477	272	0.6	0.9	12.649	B
B-A	28	7	0.00	209	0.132	27	0.1	0.2	20.221	C
C-AB	225	56	0.00	626	0.359	224	0.4	0.6	9.123	A
C-A	632	158	0.00			632				
A-B	33	8	0.00			33				
A-C	500	125	0.00			500				

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	273	68	0.00	572	0.478	273	0.9	1.0	12.769	B
B-A	28	7	0.00	208	0.132	28	0.2	0.2	20.337	C
C-AB	225	56	0.00	626	0.359	225	0.6	0.6	9.155	A
C-A	632	158	0.00			632				
A-B	33	8	0.00			33				
A-C	500	125	0.00			500				

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	223	56	0.00	606	0.368	224	1.0	0.6	10.021	B
B-A	22	6	0.00	271	0.083	23	0.2	0.1	14.781	B
C-AB	178	44	0.00	635	0.280	179	0.6	0.4	8.061	A
C-A	522	130	0.00			522				
A-B	27	7	0.00			27				
A-C	408	102	0.00			408				

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	187	47	0.00	630	0.297	187	0.6	0.5	8.641	A
B-A	19	5	0.00	316	0.060	19	0.1	0.1	12.372	B
C-AB	147	37	0.00	648	0.227	148	0.4	0.3	7.340	A
C-A	438	110	0.00			438				
A-B	23	6	0.00			23				
A-C	342	85	0.00			342				

D4 - 2032 | Reference Case + Site 1 | 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	3.57	A

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	3.57	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
D4	2032	Reference Case + Site 1	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	✓	509	100.000
B		ONE HOUR	✓	197	100.000
C		ONE HOUR	✓	853	100.000

Origin-Destination Data

Demand (PCU/hr)

	To			
From		A	B	C
	A	0	43	466
	B	17	0	180
	C	578	275	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	4	2
	B	7	0	1
	C	2	5	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	0.35	9.71	0.5	A	165	248
B-A	0.10	22.52	0.1	C	16	23
C-AB	0.52	11.43	1.3	B	276	414
C-A					507	760
A-B					39	59
A-C					428	641

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	136	34	0.00	630	0.215	134	0.0	0.3	7.327	A
B-A	13	3	0.00	298	0.043	13	0.0	0.0	13.466	B
C-AB	213	53	0.00	655	0.325	211	0.0	0.5	8.467	A
C-A	429	107	0.00			429				
A-B	32	8	0.00			32				
A-C	351	88	0.00			351				

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	162	40	0.00	607	0.267	161	0.3	0.4	8.160	A
B-A	15	4	0.00	253	0.060	15	0.0	0.1	16.189	C
C-AB	263	66	0.00	655	0.401	262	0.5	0.7	9.596	A
C-A	504	126	0.00			504				
A-B	39	10	0.00			39				
A-C	419	105	0.00			419				

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	198	50	0.00	573	0.346	198	0.4	0.5	9.667	A
B-A	19	5	0.00	190	0.098	19	0.1	0.1	22.394	C
C-AB	352	88	0.00	684	0.516	350	0.7	1.3	11.293	B
C-A	587	147	0.00			587				
A-B	47	12	0.00			47				
A-C	513	128	0.00			513				

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	198	50	0.00	573	0.346	198	0.5	0.5	9.708	A
B-A	19	5	0.00	190	0.099	19	0.1	0.1	22.524	C
C-AB	352	88	0.00	683	0.516	352	1.3	1.3	11.429	B
C-A	587	147	0.00			587				
A-B	47	12	0.00			47				
A-C	513	128	0.00			513				

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	162	40	0.00	606	0.267	162	0.5	0.4	8.203	A
B-A	15	4	0.00	252	0.061	15	0.1	0.1	16.290	C
C-AB	263	66	0.00	653	0.402	265	1.3	0.8	9.742	A
C-A	504	126	0.00			504				
A-B	39	10	0.00			39				
A-C	419	105	0.00			419				

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	136	34	0.00	629	0.215	136	0.4	0.3	7.376	A
B-A	13	3	0.00	297	0.043	13	0.1	0.0	13.541	B
C-AB	213	53	0.00	655	0.325	214	0.8	0.5	8.583	A
C-A	429	107	0.00			429				
A-B	32	8	0.00			32				
A-C	351	88	0.00			351				

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	3.69	A

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	3.69	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	✓	480	100.000
B		ONE HOUR	✓	276	100.000
C		ONE HOUR	✓	774	100.000

Origin-Destination Data

Demand (PCU/hr)

		To		
From		A	B	C
	A	0	30	450
	B	25	0	251
	C	574	200	0

Vehicle Mix

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

Heavy Vehicle %

		To		
From		A	B	C
	A	0	3	3
	B	2	0	6
	C	2	2	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/hr)	Total Junction Arrivals (PCU)
B-C	0.48	12.86	1.0	B	230	345
B-A	0.13	20.38	0.2	C	23	34
C-AB	0.37	9.26	0.6	A	189	284
C-A					521	781
A-B					28	41
A-C					413	619

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	189	47	0.00	631	0.300	187	0.0	0.4	8.567	A
B-A	19	5	0.00	317	0.059	19	0.0	0.1	12.311	B
C-AB	152	38	0.00	650	0.234	151	0.0	0.3	7.343	A
C-A	431	108	0.00			431				
A-B	23	6	0.00			23				
A-C	339	85	0.00			339				

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	226	56	0.00	608	0.371	225	0.4	0.6	9.950	A
B-A	22	6	0.00	272	0.083	22	0.1	0.1	14.706	B
C-AB	184	46	0.00	637	0.288	183	0.3	0.4	8.087	A
C-A	512	128	0.00			512				
A-B	27	7	0.00			27				
A-C	405	101	0.00			405				

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	276	69	0.00	573	0.482	275	0.6	1.0	12.732	B
B-A	28	7	0.00	208	0.132	27	0.1	0.2	20.266	C
C-AB	233	58	0.00	630	0.370	232	0.4	0.6	9.219	A
C-A	619	155	0.00			619				
A-B	33	8	0.00			33				
A-C	495	124	0.00			495				

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	276	69	0.00	573	0.482	276	1.0	1.0	12.857	B
B-A	28	7	0.00	208	0.133	28	0.2	0.2	20.382	C
C-AB	233	58	0.00	630	0.370	233	0.6	0.6	9.257	A
C-A	619	155	0.00			619				
A-B	33	8	0.00			33				
A-C	495	124	0.00			495				

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	226	56	0.00	607	0.371	227	1.0	0.6	10.064	B
B-A	22	6	0.00	271	0.083	23	0.2	0.1	14.790	B
C-AB	184	46	0.00	637	0.288	184	0.6	0.4	8.133	A
C-A	512	128	0.00			512				
A-B	27	7	0.00			27				
A-C	405	101	0.00			405				

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	189	47	0.00	631	0.300	190	0.6	0.5	8.670	A
B-A	19	5	0.00	316	0.060	19	0.1	0.1	12.378	B
C-AB	152	38	0.00	650	0.234	152	0.4	0.3	7.394	A
C-A	431	108	0.00			431				
A-B	23	6	0.00			23				
A-C	339	85	0.00			339				

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	3.56	A

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	3.56	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	✓	510	100.000
B		ONE HOUR	✓	201	100.000
C		ONE HOUR	✓	848	100.000

Origin-Destination Data

Demand (PCU/hr)

	To			
From		A	B	C
	A	0	47	463
	B	18	0	183
	C	577	271	0

Vehicle Mix

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

Heavy Vehicle %

	To			
From		A	B	C
	A	0	3	2
	B	7	0	1
	C	2	5	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	0.35	9.81	0.5	A	168	252
B-A	0.10	22.44	0.1	C	17	25
C-AB	0.51	11.33	1.2	B	271	406
C-A					507	761
A-B					43	65
A-C					425	637

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	138	34	0.00	629	0.219	137	0.0	0.3	7.364	A
B-A	14	3	0.00	300	0.045	13	0.0	0.0	13.429	B
C-AB	209	52	0.00	654	0.320	207	0.0	0.5	8.427	A
C-A	429	107	0.00			429				
A-B	35	9	0.00			35				
A-C	349	87	0.00			349				

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	165	41	0.00	606	0.271	164	0.3	0.4	8.217	A
B-A	16	4	0.00	255	0.064	16	0.0	0.1	16.139	C
C-AB	258	65	0.00	653	0.395	257	0.5	0.7	9.535	A
C-A	504	126	0.00			504				
A-B	42	11	0.00			42				
A-C	416	104	0.00			416				

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	201	50	0.00	572	0.352	201	0.4	0.5	9.769	A
B-A	20	5	0.00	192	0.103	20	0.1	0.1	22.308	C
C-AB	345	86	0.00	679	0.508	343	0.7	1.2	11.203	B
C-A	588	147	0.00			588				
A-B	52	13	0.00			52				
A-C	510	127	0.00			510				

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	201	50	0.00	572	0.352	201	0.5	0.5	9.811	A
B-A	20	5	0.00	191	0.104	20	0.1	0.1	22.436	C
C-AB	345	86	0.00	679	0.509	345	1.2	1.2	11.330	B
C-A	588	147	0.00			588				
A-B	52	13	0.00			52				
A-C	510	127	0.00			510				

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	165	41	0.00	606	0.271	165	0.5	0.4	8.259	A
B-A	16	4	0.00	254	0.064	16	0.1	0.1	16.238	C
C-AB	258	65	0.00	652	0.396	260	1.2	0.7	9.675	A
C-A	504	126	0.00			504				
A-B	42	11	0.00			42				
A-C	416	104	0.00			416				

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	138	34	0.00	629	0.219	138	0.4	0.3	7.414	A
B-A	14	3	0.00	299	0.045	14	0.1	0.1	13.503	B
C-AB	209	52	0.00	654	0.320	210	0.7	0.5	8.534	A
C-A	429	107	0.00			429				
A-B	35	9	0.00			35				
A-C	349	87	0.00			349				

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	164.95	F

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	164.95	F

Traffic Demand

Demand Set Details

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

Demand overview (Traffic)

Arm	Linked arm	Profile type	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
A		ONE HOUR	✓	545	100.000
B		ONE HOUR	✓	531	100.000
C		ONE HOUR	✓	690	100.000

Origin-Destination Data

Demand (PCU/hr)

		To		
From		A	B	C
	A	0	69	476
	B	223	0	308
	C	499	191	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	2	3
	B	0	0	3
	C	3	2	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/hr)	Total Junction Arrivals (PCU)
B-C	1.32	541.63	45.8	F	283	424
B-A	1.31	549.72	33.5	F	205	307
C-AB	0.37	9.59	0.6	A	180	270
C-A					453	680
A-B					63	95
A-C					437	655

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	232	58	0.00	488	0.476	228	0.0	0.9	14.113	B
B-A	168	42	0.00	324	0.518	164	0.0	1.0	21.936	C
C-AB	145	36	0.00	634	0.228	144	0.0	0.3	7.464	A
C-A	375	94	0.00			375				
A-B	52	13	0.00			52				
A-C	358	90	0.00			358				

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	277	69	0.00	358	0.774	269	0.9	3.0	38.627	E
B-A	200	50	0.00	248	0.809	192	1.0	3.2	57.460	F
C-AB	175	44	0.00	618	0.283	174	0.3	0.4	8.276	A
C-A	445	111	0.00			445				
A-B	62	16	0.00			62				
A-C	428	107	0.00			428				

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	339	85	0.00	256	1.324	250	3.0	25.1	230.174	F
B-A	246	61	0.00	188	1.303	183	3.2	18.7	250.943	F
C-AB	221	55	0.00	604	0.366	220	0.4	0.6	9.556	A
C-A	539	135	0.00			539				
A-B	76	19	0.00			76				
A-C	524	131	0.00			524				

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	339	85	0.00	257	1.319	256	25.1	45.8	498.967	F
B-A	246	61	0.00	187	1.310	187	18.7	33.5	511.282	F
C-AB	221	55	0.00	604	0.366	221	0.6	0.6	9.593	A
C-A	539	135	0.00			539				
A-B	76	19	0.00			76				
A-C	524	131	0.00			524				

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	277	69	0.00	294	0.943	287	45.8	43.2	541.633	F
B-A	200	50	0.00	214	0.939	207	33.5	31.8	549.719	F
C-AB	175	44	0.00	618	0.283	176	0.6	0.4	8.323	A
C-A	445	111	0.00			445				
A-B	62	16	0.00			62				
A-C	428	107	0.00			428				

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	232	58	0.00	326	0.710	319	43.2	21.5	371.114	F
B-A	168	42	0.00	238	0.705	231	31.8	16.1	381.112	F
C-AB	145	36	0.00	635	0.228	145	0.4	0.3	7.516	A
C-A	375	94	0.00			375				
A-B	52	13	0.00			52				
A-C	358	90	0.00			358				

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	5.15	A

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	5.15	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	✓	513	100.000
B		ONE HOUR	✓	252	100.000
C		ONE HOUR	✓	858	100.000

Origin-Destination Data

Demand (PCU/hr)

	To			
From		A	B	C
	A	0	82	431
	B	81	0	171
	C	576	282	0

Vehicle Mix

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

Heavy Vehicle %

	To			
From		A	B	C
	A	0	1	2
	B	1	0	1
	C	2	6	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	0.38	12.06	0.6	B	157	235
B-A	0.45	32.58	0.8	D	74	111
C-AB	0.53	11.74	1.4	B	285	428
C-A					502	753
A-B					75	113
A-C					395	593

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	129	32	0.00	612	0.210	128	0.0	0.3	7.496	A
B-A	61	15	0.00	319	0.191	60	0.0	0.2	13.991	B
C-AB	219	55	0.00	656	0.334	217	0.0	0.5	8.639	A
C-A	427	107	0.00			427				
A-B	62	15	0.00			62				
A-C	324	81	0.00			324				

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	154	38	0.00	573	0.268	153	0.3	0.4	8.655	A
B-A	73	18	0.00	270	0.269	72	0.2	0.4	18.313	C
C-AB	271	68	0.00	658	0.412	270	0.5	0.8	9.814	A
C-A	500	125	0.00			500				
A-B	74	18	0.00			74				
A-C	387	97	0.00			387				

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	188	47	0.00	494	0.381	187	0.4	0.6	11.833	B
B-A	89	22	0.00	201	0.443	88	0.4	0.8	31.548	D
C-AB	366	92	0.00	692	0.530	364	0.8	1.3	11.581	B
C-A	578	145	0.00			578				
A-B	90	23	0.00			90				
A-C	475	119	0.00			475				

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	188	47	0.00	490	0.384	188	0.6	0.6	12.058	B
B-A	89	22	0.00	200	0.445	89	0.8	0.8	32.583	D
C-AB	366	92	0.00	691	0.530	366	1.3	1.4	11.737	B
C-A	578	145	0.00			578				
A-B	90	23	0.00			90				
A-C	475	119	0.00			475				

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	154	38	0.00	570	0.270	155	0.6	0.4	8.775	A
B-A	73	18	0.00	269	0.270	74	0.8	0.4	18.801	C
C-AB	271	68	0.00	656	0.413	273	1.4	0.8	9.981	A
C-A	500	125	0.00			500				
A-B	74	18	0.00			74				
A-C	387	97	0.00			387				

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	129	32	0.00	610	0.211	129	0.4	0.3	7.568	A
B-A	61	15	0.00	318	0.192	62	0.4	0.2	14.209	B
C-AB	219	55	0.00	655	0.334	220	0.8	0.6	8.765	A
C-A	427	107	0.00			427				
A-B	62	15	0.00			62				
A-C	324	81	0.00			324				

D11 - 2042 | Local Plan + Site 1 | 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	188.50	F

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	188.50	F

Traffic Demand

Demand Set Details

ID	Year	Scenario	Time period	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)	Run automatically
D11	2042	Local Plan + Site 1	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	✓	565	100.000
B		ONE HOUR	✓	527	100.000
C		ONE HOUR	✓	763	100.000

Origin-Destination Data

Demand (PCU/hr)

		To		
From		A	B	C
	A	0	63	502
	B	213	0	314
	C	537	226	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	2	3
	B	0	0	3
	C	2	1	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/hr)	Total Junction Arrivals (PCU)
B-C	1.40	655.34	54.2	F	288	432
B-A	1.38	663.91	37.1	F	195	293
C-AB	0.44	10.45	0.8	B	218	327
C-A					482	724
A-B					58	87
A-C					461	691

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	236	59	0.00	482	0.491	233	0.0	1.0	14.662	B
B-A	160	40	0.00	304	0.528	156	0.0	1.1	23.799	C
C-AB	172	43	0.00	634	0.272	171	0.0	0.4	7.833	A
C-A	402	100	0.00			402				
A-B	47	12	0.00			47				
A-C	378	94	0.00			378				

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	282	71	0.00	337	0.837	270	1.0	3.9	48.930	E
B-A	191	48	0.00	222	0.861	180	1.1	3.9	72.003	F
C-AB	210	52	0.00	621	0.338	209	0.4	0.5	8.822	A
C-A	476	119	0.00			476				
A-B	57	14	0.00			57				
A-C	451	113	0.00			451				

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	346	86	0.00	247	1.402	243	3.9	29.6	276.999	F
B-A	235	59	0.00	171	1.375	167	3.9	20.7	303.330	F
C-AB	271	68	0.00	620	0.437	270	0.5	0.8	10.377	B
C-A	569	142	0.00			569				
A-B	69	17	0.00			69				
A-C	553	138	0.00			553				

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	346	86	0.00	248	1.394	248	29.6	54.2	594.977	F
B-A	235	59	0.00	170	1.383	169	20.7	37.1	610.068	F
C-AB	271	68	0.00	620	0.437	271	0.8	0.8	10.447	B
C-A	569	142	0.00			569				
A-B	69	17	0.00			69				
A-C	553	138	0.00			553				

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	282	71	0.00	291	0.971	286	54.2	53.4	655.335	F
B-A	191	48	0.00	198	0.967	192	37.1	37.0	663.910	F
C-AB	210	52	0.00	621	0.338	211	0.8	0.5	8.901	A
C-A	476	119	0.00			476				
A-B	57	14	0.00			57				
A-C	451	113	0.00			451				

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	236	59	0.00	321	0.735	315	53.4	33.6	500.487	F
B-A	160	40	0.00	220	0.728	215	37.0	23.5	512.759	F
C-AB	172	43	0.00	634	0.272	173	0.5	0.4	7.904	A
C-A	402	100	0.00			402				
A-B	47	12	0.00			47				
A-C	378	94	0.00			378				

D12 - 2042 | Local Plan + Site 1 | 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	5.67	A

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	5.67	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
D12	2042	Local Plan + Site 1	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	✓	544	100.000
B		ONE HOUR	✓	269	100.000
C		ONE HOUR	✓	898	100.000

Origin-Destination Data

Demand (PCU/hr)

	To			
From		A	B	C
	A	0	79	465
	B	76	0	193
	C	605	293	0

Vehicle Mix

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

Heavy Vehicle %

	To			
From		A	B	C
	A	0	1	2
	B	1	0	1
	C	2	6	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/hr)	Total Junction Arrivals (PCU)
B-C	0.45	13.87	0.8	B	177	266
B-A	0.47	39.09	0.9	E	70	105
C-AB	0.56	12.29	1.6	B	303	455
C-A					521	781
A-B					72	109
A-C					427	640

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	145	36	0.00	611	0.238	144	0.0	0.3	7.773	A
B-A	57	14	0.00	302	0.189	56	0.0	0.2	14.726	B
C-AB	229	57	0.00	653	0.350	226	0.0	0.6	8.886	A
C-A	447	112	0.00			447				
A-B	59	15	0.00			59				
A-C	350	88	0.00			350				

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	174	43	0.00	569	0.305	173	0.3	0.4	9.163	A
B-A	68	17	0.00	251	0.272	68	0.2	0.4	19.799	C
C-AB	286	71	0.00	659	0.434	285	0.6	0.9	10.161	B
C-A	522	130	0.00			522				
A-B	71	18	0.00			71				
A-C	418	105	0.00			418				

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	212	53	0.00	480	0.443	211	0.4	0.8	13.461	B
B-A	84	21	0.00	177	0.472	82	0.4	0.8	37.323	E
C-AB	395	99	0.00	706	0.560	392	0.9	1.6	12.089	B
C-A	594	148	0.00			594				
A-B	87	22	0.00			87				
A-C	512	128	0.00			512				

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	212	53	0.00	474	0.448	212	0.8	0.8	13.868	B
B-A	84	21	0.00	176	0.475	84	0.8	0.9	39.093	E
C-AB	395	99	0.00	705	0.560	395	1.6	1.6	12.293	B
C-A	594	148	0.00			594				
A-B	87	22	0.00			87				
A-C	512	128	0.00			512				

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	174	43	0.00	565	0.307	175	0.8	0.5	9.343	A
B-A	68	17	0.00	250	0.274	70	0.9	0.4	20.486	C
C-AB	286	71	0.00	657	0.435	288	1.6	0.9	10.383	B
C-A	522	130	0.00			522				
A-B	71	18	0.00			71				
A-C	418	105	0.00			418				

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	145	36	0.00	609	0.239	146	0.5	0.3	7.864	A
B-A	57	14	0.00	301	0.190	58	0.4	0.2	14.982	B
C-AB	229	57	0.00	653	0.351	230	0.9	0.6	9.033	A
C-A	447	112	0.00			447				
A-B	59	15	0.00			59				
A-C	350	88	0.00			350				

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	182.82	F

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	182.82	F

Traffic Demand

Demand Set Details

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

Demand overview (Traffic)

Arm	Linked arm	Profile type	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
A		ONE HOUR	✓	560	100.000
B		ONE HOUR	✓	527	100.000
C		ONE HOUR	✓	766	100.000

Origin-Destination Data

Demand (PCU/hr)

		To		
From		A	B	C
	A	0	63	497
	B	208	0	319
	C	537	229	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	2	3
	B	0	0	3
	C	2	1	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/hr)	Total Junction Arrivals (PCU)
B-C	1.39	635.87	53.7	F	293	439
B-A	1.37	641.36	35.4	F	191	286
C-AB	0.44	10.48	0.9	B	221	331
C-A					482	723
A-B					58	87
A-C					456	684

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	240	60	0.00	488	0.492	236	0.0	1.0	14.493	B
B-A	157	39	0.00	303	0.517	153	0.0	1.0	23.406	C
C-AB	175	44	0.00	635	0.275	173	0.0	0.4	7.848	A
C-A	402	100	0.00			402				
A-B	47	12	0.00			47				
A-C	374	94	0.00			374				

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	287	72	0.00	349	0.822	276	1.0	3.7	45.535	E
B-A	187	47	0.00	222	0.843	177	1.0	3.6	68.654	F
C-AB	213	53	0.00	623	0.341	212	0.4	0.5	8.845	A
C-A	476	119	0.00			476				
A-B	57	14	0.00			57				
A-C	447	112	0.00			447				

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	351	88	0.00	253	1.390	249	3.7	29.3	266.657	F
B-A	229	57	0.00	168	1.362	164	3.6	19.8	294.554	F
C-AB	275	69	0.00	623	0.442	274	0.5	0.8	10.407	B
C-A	568	142	0.00			568				
A-B	69	17	0.00			69				
A-C	547	137	0.00			547				

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	351	88	0.00	254	1.382	254	29.3	53.7	577.292	F
B-A	229	57	0.00	167	1.370	166	19.8	35.4	593.905	F
C-AB	275	69	0.00	623	0.442	275	0.8	0.9	10.482	B
C-A	568	142	0.00			568				
A-B	69	17	0.00			69				
A-C	547	137	0.00			547				

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	287	72	0.00	297	0.966	301	53.7	50.3	635.873	F
B-A	187	47	0.00	194	0.961	188	35.4	35.1	641.356	F
C-AB	213	53	0.00	623	0.341	214	0.9	0.5	8.926	A
C-A	476	119	0.00			476				
A-B	57	14	0.00			57				
A-C	447	112	0.00			447				

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	240	60	0.00	327	0.735	320	50.3	30.3	457.462	F
B-A	157	39	0.00	220	0.713	214	35.1	20.8	476.966	F
C-AB	175	44	0.00	635	0.275	175	0.5	0.4	7.923	A
C-A	402	100	0.00			402				
A-B	47	12	0.00			47				
A-C	374	94	0.00			374				

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	5.91	A

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	5.91	A

Traffic Demand

Demand Set Details

ID	Year	Scenario	Time period	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)	Run automatically
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	✓	542	100.000
B		ONE HOUR	✓	279	100.000
C		ONE HOUR	✓	894	100.000

Origin-Destination Data

Demand (PCU/hr)

	To			
From		A	B	C
	A	0	81	461
	B	80	0	199
	C	604	290	0

Vehicle Mix

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

Heavy Vehicle %

	To			
From		A	B	C
	A	0	1	2
	B	1	0	1
	C	2	5	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	0.47	14.72	0.9	B	183	274
B-A	0.50	40.77	1.0	E	73	110
C-AB	0.55	12.12	1.5	B	298	447
C-A					522	783
A-B					74	111
A-C					423	635

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	150	37	0.00	609	0.246	149	0.0	0.3	7.883	A
B-A	60	15	0.00	304	0.198	59	0.0	0.2	14.806	B
C-AB	226	56	0.00	652	0.346	224	0.0	0.6	8.769	A
C-A	447	112	0.00			447				
A-B	61	15	0.00			61				
A-C	347	87	0.00			347				

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	179	45	0.00	566	0.316	178	0.3	0.5	9.369	A
B-A	72	18	0.00	252	0.285	71	0.2	0.4	20.047	C
C-AB	281	70	0.00	656	0.429	280	0.6	0.8	10.025	B
C-A	522	131	0.00			522				
A-B	73	18	0.00			73				
A-C	414	104	0.00			414				

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	219	55	0.00	472	0.464	218	0.5	0.9	14.211	B
B-A	88	22	0.00	178	0.495	86	0.4	0.9	38.696	E
C-AB	388	97	0.00	700	0.553	385	0.8	1.5	11.925	B
C-A	597	149	0.00			597				
A-B	89	22	0.00			89				
A-C	508	127	0.00			508				

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	219	55	0.00	466	0.470	219	0.9	0.9	14.723	B
B-A	88	22	0.00	177	0.499	88	0.9	1.0	40.772	E
C-AB	388	97	0.00	699	0.554	387	1.5	1.5	12.119	B
C-A	597	149	0.00			597				
A-B	89	22	0.00			89				
A-C	508	127	0.00			508				

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	179	45	0.00	562	0.319	180	0.9	0.5	9.579	A
B-A	72	18	0.00	251	0.287	74	1.0	0.4	20.814	C
C-AB	281	70	0.00	655	0.430	284	1.5	0.9	10.232	B
C-A	522	131	0.00			522				
A-B	73	18	0.00			73				
A-C	414	104	0.00			414				

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	150	37	0.00	607	0.247	150	0.5	0.3	7.981	A
B-A	60	15	0.00	303	0.199	61	0.4	0.3	15.089	C
C-AB	226	56	0.00	652	0.347	227	0.9	0.6	8.911	A
C-A	447	112	0.00			447				
A-B	61	15	0.00			61				
A-C	347	87	0.00			347				

Junctions 11

PICADY 11 - Priority Intersection Module

Version: 11.1.1.2424
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Filename: Junction 4 - Wrotham Road_Huntingfield Road.j11

Path: C:\Users\MatthewJohnson\Hub Transport Planning Ltd\Hub Transport Planning - General\Projects\T25512
Wrotham Road, Meopham\Modelling\Picady

Report generation date: 27/05/2026 09:54:42

»D1 - 2032 | Reference Case | AM
»D2 - 2032 | Reference Case | PM
»D3 - 2032 | Reference Case + Site 1 | AM
»D4 - 2032 | Reference Case + Site 1 | 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
»D11 - 2042 | Local Plan + Site 1 | AM
»D12 - 2042 | Local Plan + Site 1 | 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	0.3	11.74	0.25	D2	0.3	13.15	0.20
Stream C-AB		0.1	7.59	0.09		0.1	7.46	0.08
	2032 - Reference Case + Site 1							
Stream B-AC	D3	0.4	12.42	0.27	D4	0.3	14.21	0.22
Stream C-AB		0.1	7.79	0.09		0.1	7.62	0.08
	2032 - Reference Case + Site 1 + Site 2							
Stream B-AC	D7	0.4	12.28	0.27	D8	0.3	14.53	0.24
Stream C-AB		0.1	7.74	0.09		0.1	7.61	0.08
	2042 - Local Plan							
Stream B-AC	D9	0.6	15.89	0.37	D10	0.5	16.98	0.32
Stream C-AB		0.1	8.50	0.11		0.1	7.89	0.09
	2042 - Local Plan + Site 1							
Stream B-AC	D11	0.6	16.61	0.38	D12	0.5	17.97	0.33
Stream C-AB		0.1	8.65	0.11		0.1	8.02	0.09
	2042 - Local Plan + Site 1 + Site 2							
Stream B-AC	D15	0.6	16.28	0.37	D16	0.5	18.45	0.35
Stream C-AB		0.1	8.61	0.11		0.1	8.03	0.09

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

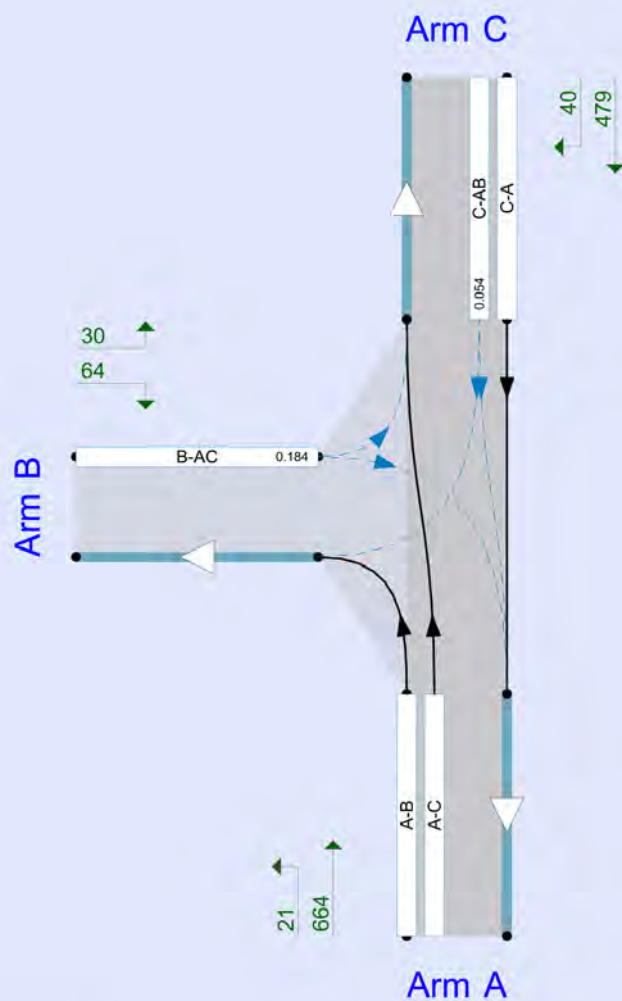
File summary

File Description

Title	
Location	Wrotham Road/Huntingfield Road
Site number	5
Date	08/04/2026
Version	
Status	(new file)
Identifier	MJ
Client	Richborough
Jobnumber	T25512
Enumerator	AzureAD\MatthewJohnson
Description	

Units

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



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

The junction diagram reflects the last run of Junctions.

Analysis Options

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

Demand Set Summary

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

Analysis Set Details

ID	Include in report	Use specific Demand Set(s)	Specific Demand Set(s)	Network flow scaling factor (%)	Network capacity scaling factor (%)
A1	✓	✓	D1,D2,D3,D4,D7,D8,D9,D10,D11,D12,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	1.28	A

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	1.28	A

Arms

Arms

Arm	Name	Description	Arm type
A	Wrotham Road S		Major
B	Huntingfield Road		Minor
C	Wrotham Road N		Major

Major Arm Geometry

Arm	Width of carriageway (m)	Has kerbed central reserve	Has right-turn storage	Width for right-turn storage (m)	Visibility for right turn (m)	Blocks?	Blocking queue (PCU)
C	6.40		✓	3.10	94.7	✓	5.00

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	3.36	62	20

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	526	0.094	0.238	0.150	0.340
B-C	660	0.099	0.251	-	-
C-B	690	0.263	0.263	-	-

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	✓	567	100.000
B		ONE HOUR	✓	97	100.000
C		ONE HOUR	✓	479	100.000

Origin-Destination Data

Demand (PCU/hr)

	To			
		A	B	C
	A	0	25	542
	B	28	0	69
	C	436	43	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	2	3
	B	4	0	1
	C	3	1	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/hr)	Total Junction Arrivals (PCU)
B-AC	0.25	11.74	0.3	B	89	134
C-AB	0.09	7.59	0.1	A	39	59
C-A					400	600
A-B					23	34
A-C					497	746

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	73	18	0.00	484	0.151	72	0.0	0.2	8.898	A
C-AB	32	8	0.00	578	0.056	32	0.0	0.1	6.655	A
C-A	328	82	0.00			328				
A-B	19	5	0.00			19				
A-C	408	102	0.00			408				

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	87	22	0.00	457	0.191	87	0.2	0.2	9.903	A
C-AB	39	10	0.00	556	0.069	39	0.1	0.1	7.021	A
C-A	392	98	0.00			392				
A-B	22	6	0.00			22				
A-C	487	122	0.00			487				

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	107	27	0.00	419	0.255	106	0.2	0.3	11.712	B
C-AB	47	12	0.00	526	0.090	47	0.1	0.1	7.587	A
C-A	480	120	0.00			480				
A-B	28	7	0.00			28				
A-C	597	149	0.00			597				

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	107	27	0.00	419	0.255	107	0.3	0.3	11.745	B
C-AB	47	12	0.00	526	0.090	47	0.1	0.1	7.590	A
C-A	480	120	0.00			480				
A-B	28	7	0.00			28				
A-C	597	149	0.00			597				

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	87	22	0.00	457	0.191	88	0.3	0.2	9.940	A
C-AB	39	10	0.00	556	0.069	39	0.1	0.1	7.026	A
C-A	392	98	0.00			392				
A-B	22	6	0.00			22				
A-C	487	122	0.00			487				

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	73	18	0.00	484	0.151	73	0.2	0.2	8.941	A
C-AB	32	8	0.00	578	0.056	32	0.1	0.1	6.664	A
C-A	328	82	0.00			328				
A-B	19	5	0.00			19				
A-C	408	102	0.00			408				

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	1.06	A

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	1.06	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	✓	560	100.000
B		ONE HOUR	✓	66	100.000
C		ONE HOUR	✓	450	100.000

Origin-Destination Data

Demand (PCU/hr)

		To		
From		A	B	C
	A	0	17	543
	B	39	0	27
	C	413	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	7	2
	B	8	0	1
	C	2	1	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/hr)	Total Junction Arrivals (PCU)
B-AC	0.20	13.15	0.3	B	61	91
C-AB	0.08	7.46	0.1	A	34	51
C-A					379	568
A-B					16	23
A-C					498	747

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	50	12	0.00	430	0.116	49	0.0	0.1	9.919	A
C-AB	28	7	0.00	580	0.048	28	0.0	0.1	6.586	A
C-A	311	78	0.00			311				
A-B	13	3	0.00			13				
A-C	409	102	0.00			409				

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	59	15	0.00	401	0.148	59	0.1	0.2	11.058	B
C-AB	33	8	0.00	558	0.060	33	0.1	0.1	6.927	A
C-A	371	93	0.00			371				
A-B	15	4	0.00			15				
A-C	488	122	0.00			488				

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	73	18	0.00	360	0.202	72	0.2	0.3	13.117	B
C-AB	41	10	0.00	528	0.077	41	0.1	0.1	7.455	A
C-A	455	114	0.00			455				
A-B	19	5	0.00			19				
A-C	598	149	0.00			598				

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	73	18	0.00	360	0.202	73	0.3	0.3	13.146	B
C-AB	41	10	0.00	528	0.077	41	0.1	0.1	7.455	A
C-A	455	114	0.00			455				
A-B	19	5	0.00			19				
A-C	598	149	0.00			598				

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	59	15	0.00	401	0.148	60	0.3	0.2	11.090	B
C-AB	33	8	0.00	558	0.060	33	0.1	0.1	6.929	A
C-A	371	93	0.00			371				
A-B	15	4	0.00			15				
A-C	488	122	0.00			488				

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	50	12	0.00	430	0.116	50	0.2	0.1	9.960	A
C-AB	28	7	0.00	580	0.048	28	0.1	0.1	6.593	A
C-A	311	78	0.00			311				
A-B	13	3	0.00			13				
A-C	409	102	0.00			409				

D3 - 2032 | Reference Case + Site 1 | 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	1.29	A

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	1.29	A

Traffic Demand

Demand Set Details

ID	Year	Scenario	Time period	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)	Run automatically
D3	2032	Reference Case + Site 1	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	✓	609	100.000
B		ONE HOUR	✓	98	100.000
C		ONE HOUR	✓	498	100.000

Origin-Destination Data

Demand (PCU/hr)

	To			
From		A	B	C
	A	0	26	583
	B	29	0	69
	C	455	43	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	2	3
	B	4	0	1
	C	3	1	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/hr)	Total Junction Arrivals (PCU)
B-AC	0.27	12.42	0.4	B	90	135
C-AB	0.09	7.79	0.1	A	39	59
C-A					418	626
A-B					24	36
A-C					535	802

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	74	18	0.00	473	0.156	73	0.0	0.2	9.151	A
C-AB	32	8	0.00	570	0.057	32	0.0	0.1	6.758	A
C-A	343	86	0.00			343				
A-B	20	5	0.00			20				
A-C	439	110	0.00			439				

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	88	22	0.00	444	0.198	88	0.2	0.2	10.281	B
C-AB	39	10	0.00	546	0.071	39	0.1	0.1	7.158	A
C-A	409	102	0.00			409				
A-B	23	6	0.00			23				
A-C	524	131	0.00			524				

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	108	27	0.00	403	0.268	107	0.2	0.4	12.376	B
C-AB	47	12	0.00	514	0.092	47	0.1	0.1	7.785	A
C-A	501	125	0.00			501				
A-B	29	7	0.00			29				
A-C	642	160	0.00			642				

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	108	27	0.00	403	0.268	108	0.4	0.4	12.416	B
C-AB	47	12	0.00	514	0.092	47	0.1	0.1	7.788	A
C-A	501	125	0.00			501				
A-B	29	7	0.00			29				
A-C	642	160	0.00			642				

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	88	22	0.00	444	0.198	89	0.4	0.3	10.322	B
C-AB	39	10	0.00	546	0.071	39	0.1	0.1	7.164	A
C-A	409	102	0.00			409				
A-B	23	6	0.00			23				
A-C	524	131	0.00			524				

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	74	18	0.00	473	0.156	74	0.3	0.2	9.199	A
C-AB	32	8	0.00	570	0.057	32	0.1	0.1	6.767	A
C-A	343	86	0.00			343				
A-B	20	5	0.00			20				
A-C	439	110	0.00			439				

D4 - 2032 | Reference Case + Site 1 | 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	1.07	A

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	1.07	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
D4	2032	Reference Case + Site 1	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	✓	596	100.000
B		ONE HOUR	✓	68	100.000
C		ONE HOUR	✓	502	100.000

Origin-Destination Data

Demand (PCU/hr)

	To			
From		A	B	C
	A	0	18	578
	B	43	0	25
	C	465	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	7	2
	B	4	0	1
	C	2	1	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/hr)	Total Junction Arrivals (PCU)
B-AC	0.22	14.21	0.3	B	62	94
C-AB	0.08	7.62	0.1	A	34	51
C-A					427	640
A-B					17	25
A-C					530	796

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	51	13	0.00	412	0.124	51	0.0	0.1	10.243	B
C-AB	28	7	0.00	572	0.049	28	0.0	0.1	6.672	A
C-A	350	88	0.00			350				
A-B	14	3	0.00			14				
A-C	435	109	0.00			435				

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	61	15	0.00	380	0.161	61	0.1	0.2	11.599	B
C-AB	33	8	0.00	550	0.061	33	0.1	0.1	7.041	A
C-A	418	105	0.00			418				
A-B	16	4	0.00			16				
A-C	520	130	0.00			520				

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	75	19	0.00	336	0.223	74	0.2	0.3	14.162	B
C-AB	41	10	0.00	518	0.079	41	0.1	0.1	7.618	A
C-A	512	128	0.00			512				
A-B	20	5	0.00			20				
A-C	636	159	0.00			636				

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	75	19	0.00	336	0.223	75	0.3	0.3	14.205	B
C-AB	41	10	0.00	518	0.079	41	0.1	0.1	7.618	A
C-A	512	128	0.00			512				
A-B	20	5	0.00			20				
A-C	636	159	0.00			636				

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	61	15	0.00	380	0.161	61	0.3	0.2	11.641	B
C-AB	33	8	0.00	550	0.061	33	0.1	0.1	7.043	A
C-A	418	105	0.00			418				
A-B	16	4	0.00			16				
A-C	520	130	0.00			520				

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	51	13	0.00	412	0.124	51	0.2	0.1	10.292	B
C-AB	28	7	0.00	572	0.049	28	0.1	0.1	6.676	A
C-A	350	88	0.00			350				
A-B	14	3	0.00			14				
A-C	435	109	0.00			435				

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	1.29	A

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	1.29	A

Traffic Demand

Demand Set Details

ID	Year	Scenario	Time period	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)	Run automatically
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	✓	599	100.000
B		ONE HOUR	✓	98	100.000
C		ONE HOUR	✓	495	100.000

Origin-Destination Data

Demand (PCU/hr)

	To			
From		A	B	C
	A	0	26	573
	B	29	0	69
	C	452	43	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	2	2
	B	4	0	1
	C	3	1	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/hr)	Total Junction Arrivals (PCU)
B-AC	0.27	12.28	0.4	B	90	135
C-AB	0.09	7.74	0.1	A	39	59
C-A					415	622
A-B					24	36
A-C					526	789

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	74	18	0.00	475	0.155	73	0.0	0.2	9.104	A
C-AB	32	8	0.00	572	0.057	32	0.0	0.1	6.733	A
C-A	340	85	0.00			340				
A-B	20	5	0.00			20				
A-C	431	108	0.00			431				

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	88	22	0.00	447	0.197	88	0.2	0.2	10.208	B
C-AB	39	10	0.00	549	0.070	39	0.1	0.1	7.125	A
C-A	406	102	0.00			406				
A-B	23	6	0.00			23				
A-C	515	129	0.00			515				

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	108	27	0.00	406	0.265	107	0.2	0.4	12.225	B
C-AB	47	12	0.00	517	0.092	47	0.1	0.1	7.737	A
C-A	498	124	0.00			498				
A-B	29	7	0.00			29				
A-C	631	158	0.00			631				

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	108	27	0.00	406	0.265	108	0.4	0.4	12.282	B
C-AB	47	12	0.00	517	0.092	47	0.1	0.1	7.740	A
C-A	498	124	0.00			498				
A-B	29	7	0.00			29				
A-C	631	158	0.00			631				

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	88	22	0.00	447	0.197	89	0.4	0.3	10.250	B
C-AB	39	10	0.00	549	0.070	39	0.1	0.1	7.131	A
C-A	406	102	0.00			406				
A-B	23	6	0.00			23				
A-C	515	129	0.00			515				

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	74	18	0.00	475	0.155	74	0.3	0.2	9.149	A
C-AB	32	8	0.00	572	0.057	32	0.1	0.1	6.743	A
C-A	340	85	0.00			340				
A-B	20	5	0.00			20				
A-C	431	108	0.00			431				

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	1.14	A

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	1.14	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	✓	595	100.000
B		ONE HOUR	✓	72	100.000
C		ONE HOUR	✓	500	100.000

Origin-Destination Data

Demand (PCU/hr)

		To		
From		A	B	C
	A	0	18	577
	B	47	0	25
	C	463	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	7	2
	B	3	0	1
	C	2	1	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/hr)	Total Junction Arrivals (PCU)
B-AC	0.24	14.53	0.3	B	66	99
C-AB	0.08	7.61	0.1	A	34	51
C-A					425	637
A-B					17	25
A-C					529	794

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	54	14	0.00	409	0.133	54	0.0	0.2	10.354	B
C-AB	28	7	0.00	573	0.049	28	0.0	0.1	6.670	A
C-A	349	87	0.00			349				
A-B	14	3	0.00			14				
A-C	434	109	0.00			434				

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	65	16	0.00	377	0.172	65	0.2	0.2	11.773	B
C-AB	33	8	0.00	550	0.061	33	0.1	0.1	7.038	A
C-A	416	104	0.00			416				
A-B	16	4	0.00			16				
A-C	519	130	0.00			519				

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	79	20	0.00	333	0.238	79	0.2	0.3	14.484	B
C-AB	41	10	0.00	518	0.079	41	0.1	0.1	7.614	A
C-A	510	127	0.00			510				
A-B	20	5	0.00			20				
A-C	635	159	0.00			635				

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	79	20	0.00	333	0.238	79	0.3	0.3	14.531	B
C-AB	41	10	0.00	518	0.079	41	0.1	0.1	7.614	A
C-A	510	127	0.00			510				
A-B	20	5	0.00			20				
A-C	635	159	0.00			635				

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	65	16	0.00	377	0.172	65	0.3	0.2	11.824	B
C-AB	33	8	0.00	550	0.061	33	0.1	0.1	7.043	A
C-A	416	104	0.00			416				
A-B	16	4	0.00			16				
A-C	519	130	0.00			519				

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	54	14	0.00	409	0.133	54	0.2	0.2	10.406	B
C-AB	28	7	0.00	573	0.049	28	0.1	0.1	6.674	A
C-A	349	87	0.00			349				
A-B	14	3	0.00			14				
A-C	434	109	0.00			434				

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	1.67	A

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	1.67	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	✓	722	100.000
B		ONE HOUR	✓	121	100.000
C		ONE HOUR	✓	559	100.000

Origin-Destination Data

Demand (PCU/hr)

	To			
From		A	B	C
	A	0	32	690
	B	36	0	85
	C	510	49	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	2	2
	B	3	0	1
	C	3	1	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/hr)	Total Junction Arrivals (PCU)
B-AC	0.37	15.89	0.6	C	111	167
C-AB	0.11	8.50	0.1	A	45	67
C-A					468	702
A-B					29	44
A-C					633	950

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	91	23	0.00	447	0.204	90	0.0	0.3	10.204	B
C-AB	37	9	0.00	548	0.067	37	0.0	0.1	7.114	A
C-A	384	96	0.00			384				
A-B	24	6	0.00			24				
A-C	519	130	0.00			519				

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	109	27	0.00	413	0.263	108	0.3	0.4	11.987	B
C-AB	44	11	0.00	520	0.085	44	0.1	0.1	7.641	A
C-A	458	115	0.00			458				
A-B	29	7	0.00			29				
A-C	620	155	0.00			620				

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	133	33	0.00	363	0.367	132	0.4	0.6	15.772	C
C-AB	54	13	0.00	481	0.112	54	0.1	0.1	8.499	A
C-A	562	140	0.00			562				
A-B	35	9	0.00			35				
A-C	760	190	0.00			760				

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	133	33	0.00	363	0.367	133	0.6	0.6	15.886	C
C-AB	54	13	0.00	481	0.112	54	0.1	0.1	8.504	A
C-A	562	140	0.00			562				
A-B	35	9	0.00			35				
A-C	760	190	0.00			760				

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	109	27	0.00	413	0.263	110	0.6	0.4	12.088	B
C-AB	44	11	0.00	520	0.085	44	0.1	0.1	7.648	A
C-A	458	115	0.00			458				
A-B	29	7	0.00			29				
A-C	620	155	0.00			620				

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	91	23	0.00	447	0.204	92	0.4	0.3	10.289	B
C-AB	37	9	0.00	548	0.067	37	0.1	0.1	7.121	A
C-A	384	96	0.00			384				
A-B	24	6	0.00			24				
A-C	519	130	0.00			519				

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	1.50	A

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	1.50	A

Traffic Demand

Demand Set Details

ID	Year	Scenario	Time period	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)	Run automatically
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	✓	657	100.000
B		ONE HOUR	✓	91	100.000
C		ONE HOUR	✓	492	100.000

Origin-Destination Data

Demand (PCU/hr)

	To			
From		A	B	C
	A	0	21	636
	B	61	0	30
	C	452	40	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	4	2
	B	1	0	0
	C	2	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	0.32	16.98	0.5	C	84	125
C-AB	0.09	7.89	0.1	A	37	55
C-A					415	622
A-B					19	29
A-C					584	875

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	69	17	0.00	395	0.173	68	0.0	0.2	11.044	B
C-AB	30	8	0.00	560	0.054	30	0.0	0.1	6.782	A
C-A	340	85	0.00			340				
A-B	16	4	0.00			16				
A-C	479	120	0.00			479				

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	82	20	0.00	361	0.227	81	0.2	0.3	12.942	B
C-AB	36	9	0.00	535	0.067	36	0.1	0.1	7.210	A
C-A	406	102	0.00			406				
A-B	19	5	0.00			19				
A-C	572	143	0.00			572				

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	100	25	0.00	314	0.320	100	0.3	0.5	16.876	C
C-AB	44	11	0.00	500	0.088	44	0.1	0.1	7.887	A
C-A	498	124	0.00			498				
A-B	23	6	0.00			23				
A-C	700	175	0.00			700				

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	100	25	0.00	314	0.320	100	0.5	0.5	16.982	C
C-AB	44	11	0.00	500	0.088	44	0.1	0.1	7.890	A
C-A	498	124	0.00			498				
A-B	23	6	0.00			23				
A-C	700	175	0.00			700				

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	82	20	0.00	361	0.227	82	0.5	0.3	13.039	B
C-AB	36	9	0.00	535	0.067	36	0.1	0.1	7.213	A
C-A	406	102	0.00			406				
A-B	19	5	0.00			19				
A-C	572	143	0.00			572				

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	69	17	0.00	395	0.173	69	0.3	0.2	11.127	B
C-AB	30	8	0.00	560	0.054	30	0.1	0.1	6.792	A
C-A	340	85	0.00			340				
A-B	16	4	0.00			16				
A-C	479	120	0.00			479				

D11 - 2042 | Local Plan + Site 1 | 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	1.67	A

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	1.67	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
D11	2042	Local Plan + Site 1	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	✓	750	100.000
B		ONE HOUR	✓	121	100.000
C		ONE HOUR	✓	577	100.000

Origin-Destination Data

Demand (PCU/hr)

	To			
From		A	B	C
	A	0	33	717
	B	36	0	85
	C	529	48	0

Vehicle Mix

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

Heavy Vehicle %

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

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/hr)	Total Junction Arrivals (PCU)
B-AC	0.38	16.61	0.6	C	111	167
C-AB	0.11	8.65	0.1	A	44	66
C-A					485	728
A-B					30	45
A-C					658	987

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	91	23	0.00	441	0.207	90	0.0	0.3	10.387	B
C-AB	36	9	0.00	542	0.067	36	0.0	0.1	7.181	A
C-A	398	100	0.00			398				
A-B	25	6	0.00			25				
A-C	540	135	0.00			540				

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	109	27	0.00	405	0.268	108	0.3	0.4	12.300	B
C-AB	43	11	0.00	513	0.084	43	0.1	0.1	7.733	A
C-A	476	119	0.00			476				
A-B	30	7	0.00			30				
A-C	645	161	0.00			645				

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	133	33	0.00	353	0.377	132	0.4	0.6	16.482	C
C-AB	53	13	0.00	473	0.112	53	0.1	0.1	8.641	A
C-A	582	146	0.00			582				
A-B	36	9	0.00			36				
A-C	789	197	0.00			789				

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	133	33	0.00	353	0.377	133	0.6	0.6	16.614	C
C-AB	53	13	0.00	473	0.112	53	0.1	0.1	8.646	A
C-A	582	146	0.00			582				
A-B	36	9	0.00			36				
A-C	789	197	0.00			789				

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	109	27	0.00	405	0.268	110	0.6	0.4	12.414	B
C-AB	43	11	0.00	513	0.084	43	0.1	0.1	7.741	A
C-A	476	119	0.00			476				
A-B	30	7	0.00			30				
A-C	645	161	0.00			645				

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	91	23	0.00	441	0.207	92	0.4	0.3	10.475	B
C-AB	36	9	0.00	542	0.067	36	0.1	0.1	7.189	A
C-A	398	100	0.00			398				
A-B	25	6	0.00			25				
A-C	540	135	0.00			540				

D12 - 2042 | Local Plan + Site 1 | 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	1.51	A

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	1.51	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
D12	2042	Local Plan + Site 1	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	✓	682	100.000
B		ONE HOUR	✓	91	100.000
C		ONE HOUR	✓	523	100.000

Origin-Destination Data

Demand (PCU/hr)

		To		
From		A	B	C
	A	0	21	661
	B	61	0	30
	C	483	40	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	4	2
	B	1	0	0
	C	2	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	0.33	17.97	0.5	C	84	125
C-AB	0.09	8.02	0.1	A	37	55
C-A					443	665
A-B					19	29
A-C					607	910

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	69	17	0.00	387	0.177	68	0.0	0.2	11.308	B
C-AB	30	8	0.00	555	0.054	30	0.0	0.1	6.846	A
C-A	364	91	0.00			364				
A-B	16	4	0.00			16				
A-C	498	124	0.00			498				

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	82	20	0.00	352	0.233	81	0.2	0.3	13.386	B
C-AB	36	9	0.00	529	0.068	36	0.1	0.1	7.297	A
C-A	434	109	0.00			434				
A-B	19	5	0.00			19				
A-C	594	149	0.00			594				

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	100	25	0.00	302	0.332	99	0.3	0.5	17.842	C
C-AB	44	11	0.00	493	0.089	44	0.1	0.1	8.014	A
C-A	532	133	0.00			532				
A-B	23	6	0.00			23				
A-C	728	182	0.00			728				

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	100	25	0.00	302	0.332	100	0.5	0.5	17.969	C
C-AB	44	11	0.00	493	0.089	44	0.1	0.1	8.017	A
C-A	532	133	0.00			532				
A-B	23	6	0.00			23				
A-C	728	182	0.00			728				

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	82	20	0.00	352	0.233	83	0.5	0.3	13.498	B
C-AB	36	9	0.00	529	0.068	36	0.1	0.1	7.299	A
C-A	434	109	0.00			434				
A-B	19	5	0.00			19				
A-C	594	149	0.00			594				

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	69	17	0.00	387	0.177	69	0.3	0.2	11.395	B
C-AB	30	8	0.00	555	0.054	30	0.1	0.1	6.853	A
C-A	364	91	0.00			364				
A-B	16	4	0.00			16				
A-C	498	124	0.00			498				

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	1.66	A

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	1.66	A

Traffic Demand

Demand Set Details

ID	Year	Scenario	Time period	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)	Run automatically
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	✓	744	100.000
B		ONE HOUR	✓	121	100.000
C		ONE HOUR	✓	573	100.000

Origin-Destination Data

Demand (PCU/hr)

		To		
From		A	B	C
	A	0	33	711
	B	35	0	86
	C	525	48	0

Vehicle Mix

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

Heavy Vehicle %

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

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/hr)	Total Junction Arrivals (PCU)
B-AC	0.37	16.28	0.6	C	111	167
C-AB	0.11	8.61	0.1	A	44	66
C-A					482	723
A-B					30	45
A-C					652	979

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	91	23	0.00	444	0.205	90	0.0	0.3	10.288	B
C-AB	36	9	0.00	543	0.067	36	0.0	0.1	7.164	A
C-A	395	99	0.00			395				
A-B	25	6	0.00			25				
A-C	535	134	0.00			535				

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	109	27	0.00	409	0.266	108	0.3	0.4	12.143	B
C-AB	43	11	0.00	515	0.084	43	0.1	0.1	7.710	A
C-A	472	118	0.00			472				
A-B	30	7	0.00			30				
A-C	639	160	0.00			639				

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	133	33	0.00	358	0.372	132	0.4	0.6	16.155	C
C-AB	53	13	0.00	475	0.111	53	0.1	0.1	8.605	A
C-A	578	145	0.00			578				
A-B	36	9	0.00			36				
A-C	783	196	0.00			783				

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	133	33	0.00	358	0.372	133	0.6	0.6	16.280	C
C-AB	53	13	0.00	475	0.111	53	0.1	0.1	8.610	A
C-A	578	145	0.00			578				
A-B	36	9	0.00			36				
A-C	783	196	0.00			783				

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	109	27	0.00	409	0.266	110	0.6	0.4	12.252	B
C-AB	43	11	0.00	515	0.084	43	0.1	0.1	7.716	A
C-A	472	118	0.00			472				
A-B	30	7	0.00			30				
A-C	639	160	0.00			639				

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	91	23	0.00	444	0.205	92	0.4	0.3	10.375	B
C-AB	36	9	0.00	543	0.067	36	0.1	0.1	7.175	A
C-A	395	99	0.00			395				
A-B	25	6	0.00			25				
A-C	535	134	0.00			535				

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	1.58	A

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	1.58	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	✓	685	100.000
B		ONE HOUR	✓	94	100.000
C		ONE HOUR	✓	519	100.000

Origin-Destination Data

Demand (PCU/hr)

	To			
From		A	B	C
	A	0	21	664
	B	64	0	30
	C	479	40	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	4	2
	B	1	0	0
	C	2	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	0.35	18.45	0.5	C	86	129
C-AB	0.09	8.03	0.1	A	37	55
C-A					440	659
A-B					19	29
A-C					609	914

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	71	18	0.00	386	0.184	70	0.0	0.2	11.452	B
C-AB	30	8	0.00	555	0.054	30	0.0	0.1	6.854	A
C-A	361	90	0.00			361				
A-B	16	4	0.00			16				
A-C	500	125	0.00			500				

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	85	21	0.00	350	0.241	84	0.2	0.3	13.616	B
C-AB	36	9	0.00	529	0.068	36	0.1	0.1	7.307	A
C-A	431	108	0.00			431				
A-B	19	5	0.00			19				
A-C	597	149	0.00			597				

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	103	26	0.00	300	0.345	103	0.3	0.5	18.305	C
C-AB	44	11	0.00	492	0.089	44	0.1	0.1	8.030	A
C-A	527	132	0.00			527				
A-B	23	6	0.00			23				
A-C	731	183	0.00			731				

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	103	26	0.00	300	0.345	103	0.5	0.5	18.448	C
C-AB	44	11	0.00	492	0.089	44	0.1	0.1	8.033	A
C-A	527	132	0.00			527				
A-B	23	6	0.00			23				
A-C	731	183	0.00			731				

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	85	21	0.00	350	0.242	85	0.5	0.3	13.737	B
C-AB	36	9	0.00	529	0.068	36	0.1	0.1	7.310	A
C-A	431	108	0.00			431				
A-B	19	5	0.00			19				
A-C	597	149	0.00			597				

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	71	18	0.00	385	0.184	71	0.3	0.2	11.549	B
C-AB	30	8	0.00	555	0.054	30	0.1	0.1	6.864	A
C-A	361	90	0.00			361				
A-B	16	4	0.00			16				
A-C	500	125	0.00			500				

Junctions 11

PICADY 11 - Priority Intersection Module

Version: 11.1.1.2424
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Filename: Junction 5 - Wrotham Road_Lewis Road.j11

Path: C:\Users\MatthewJohnson\Hub Transport Planning Ltd\Hub Transport Planning - General\Projects\T25512
Wrotham Road, Meopham\Modelling\Picady

Report generation date: 27/05/2026 10:04:09

»D1 - 2032 | Reference Case | AM
»D2 - 2032 | Reference Case | PM
»D3 - 2032 | Reference Case + Site 1 | AM
»D4 - 2032 | Reference Case + Site 1 | 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
»D11 - 2042 | Local Plan + Site 1 | AM
»D12 - 2042 | Local Plan + Site 1 | PM
»D15 - 2042 | Local Plan + Site 1 + Site 2 | AM
»D16 - 2042 | Local Plan + Site 1 + Site 2 | PM

Summary of junction performance

	AM				PM			
	Set ID	Queue (PCU)	Delay (s)	RFC	Set ID	Queue (PCU)	Delay (s)	RFC
	2032 - Reference Case							
Stream B-AC	D1	2.6	38.81	0.73	D2	2.5	38.16	0.73
Stream C-AB		0.3	10.69	0.22		0.6	12.09	0.36
	2032 - Reference Case + Site 1							
Stream B-AC	D3	2.9	44.05	0.76	D4	3.6	54.50	0.80
Stream C-AB		0.3	10.90	0.23		0.6	12.53	0.37
	2032 - Reference Case + Site 1 + Site 2							
Stream B-AC	D7	3.0	45.83	0.77	D8	3.9	57.39	0.82
Stream C-AB		0.3	10.95	0.22		0.6	12.39	0.37
	2042 - Local Plan							
Stream B-AC	D9	38.7	369.71	1.22	D10	17.0	194.96	1.06
Stream C-AB		0.5	13.38	0.32		1.2	17.05	0.53
	2042 - Local Plan + Site 1							
Stream B-AC	D11	43.3	417.60	1.26	D12	23.8	260.19	1.12
Stream C-AB		0.5	13.67	0.32		1.1	16.96	0.52
	2042 - Local Plan + Site 1 + Site 2							
Stream B-AC	D15	44.4	428.72	1.27	D16	26.8	290.11	1.15
Stream C-AB		0.5	13.77	0.32		1.2	17.33	0.53

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

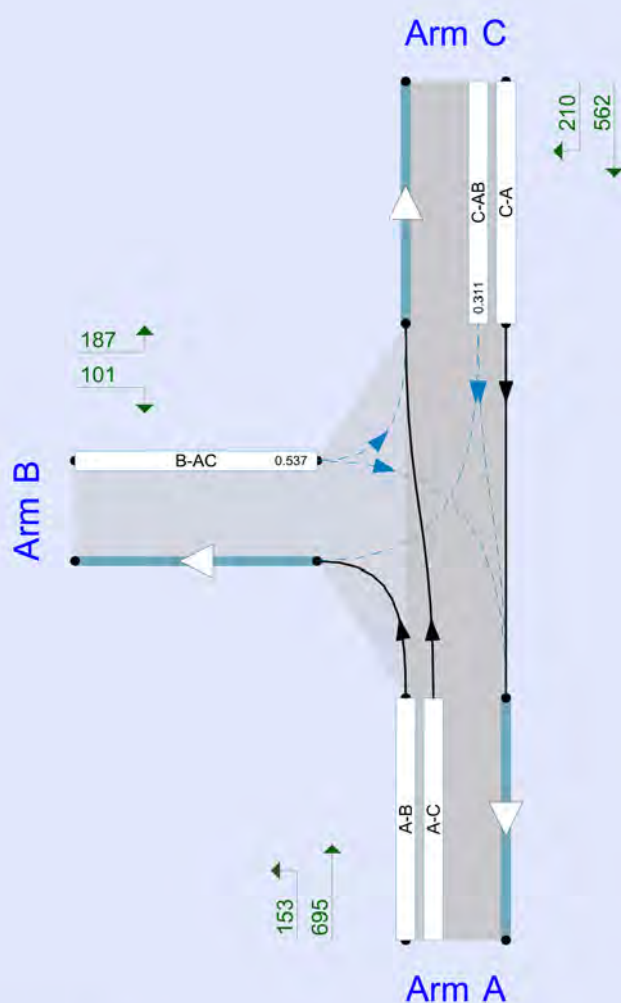
File summary

File Description

Title	
Location	Wrotham Road/Lewis Road
Site number	6
Date	08/04/2026
Version	
Status	(new file)
Identifier	MJ
Client	Richborough
Jobnumber	T25512
Enumerator	AzureAD\MatthewJohnson
Description	

Units

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



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

The junction diagram reflects the last run of Junctions.

Analysis Options

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

Demand Set Summary

ID	Year	Scenario	Time period	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)	Run automatically
D1	2032	Reference Case	AM	ONE HOUR	07:45	09:15	15	✓
D2	2032	Reference Case	PM	ONE HOUR	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,D3,D4,D7,D8,D9,D10,D11,D12,D15,D16	100.000	100.000

D1 - 2032 | Reference Case | AM

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

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

Junction Network

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

Arms

Arms

Arm	Name	Description	Arm type
A	Wrotham Road S		Major
B	Lewis Road		Minor
C	Wrotham Road N		Major

Major Arm Geometry

Arm	Width of carriageway (m)	Has kerbed central reserve	Has right-turn storage	Width for right-turn storage (m)	Visibility for right turn (m)	Blocks?	Blocking queue (PCU)
C	6.70		✓	3.00	70.8	✓	6.00

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

Minor Arm Geometry

Arm	Minor arm type	Lane width (m)	Visibility to left (m)	Visibility to right (m)
B	One lane	3.68	22	25

Slope / Intercept / Capacity

Priority Intersection Slopes and Intercepts

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

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

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

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

Traffic Demand

Demand Set Details

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

Demand overview (Traffic)

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

Origin-Destination Data

Demand (PCU/hr)

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

Vehicle Mix

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

Heavy Vehicle %

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

Results

Results Summary for whole modelled period

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

Main Results for each time segment

07:45 - 08:00

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

08:00 - 08:15

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

08:15 - 08:30

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

08:30 - 08:45

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

08:45 - 09:00

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

09:00 - 09:15

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

D2 - 2032 | Reference Case | PM

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

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

Junction Network

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

Traffic Demand

Demand Set Details

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

Demand overview (Traffic)

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

Origin-Destination Data

Demand (PCU/hr)

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

Vehicle Mix

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

Heavy Vehicle %

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

Results

Results Summary for whole modelled period

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

Main Results for each time segment

16:45 - 17:00

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

17:00 - 17:15

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

17:15 - 17:30

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

17:30 - 17:45

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

17:45 - 18:00

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

18:00 - 18:15

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

D3 - 2032 | Reference Case + Site 1 | AM

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Arm A Direction	Arm B Direction	Arm C Direction	Junction Delay (s)	Junction LOS
1	untitled	T-Junction	Two-way	Two-way	Two-way	6.69	A

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	6.69	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
D3	2032	Reference Case + Site 1	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	✓	861	100.000
B		ONE HOUR	✓	229	100.000
C		ONE HOUR	✓	561	100.000

Origin-Destination Data

Demand (PCU/hr)

		To		
From		A	B	C
	A	0	136	725
	B	77	0	152
	C	473	88	0

Vehicle Mix

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

Heavy Vehicle %

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

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/hr)	Total Junction Arrivals (PCU)
B-AC	0.76	44.05	2.9	E	210	315
C-AB	0.23	10.90	0.3	B	81	121
C-A					434	651
A-B					125	187
A-C					665	998

Main Results for each time segment

07:45 - 08:00

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	172	43	0.00	432	0.399	170	0.0	0.7	13.741	B
C-AB	66	17	0.00	506	0.131	66	0.0	0.2	8.252	A
C-A	356	89	0.00			356				
A-B	102	26	0.00			102				
A-C	546	136	0.00			546				

08:00 - 08:15

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	206	51	0.00	391	0.526	204	0.7	1.1	19.244	C
C-AB	79	20	0.00	474	0.167	79	0.2	0.2	9.195	A
C-A	425	106	0.00			425				
A-B	122	31	0.00			122				
A-C	652	163	0.00			652				

08:15 - 08:30

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	252	63	0.00	332	0.759	246	1.1	2.7	39.399	E
C-AB	97	24	0.00	431	0.225	97	0.2	0.3	10.874	B
C-A	521	130	0.00			521				
A-B	150	37	0.00			150				
A-C	798	200	0.00			798				

08:30 - 08:45

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	252	63	0.00	332	0.760	251	2.7	2.9	44.053	E
C-AB	97	24	0.00	431	0.225	97	0.3	0.3	10.898	B
C-A	521	130	0.00			521				
A-B	150	37	0.00			150				
A-C	798	200	0.00			798				

08:45 - 09:00

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	206	51	0.00	391	0.526	213	2.9	1.2	21.096	C
C-AB	79	20	0.00	474	0.167	79	0.3	0.2	9.222	A
C-A	425	106	0.00			425				
A-B	122	31	0.00			122				
A-C	652	163	0.00			652				

09:00 - 09:15

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	172	43	0.00	432	0.399	174	1.2	0.7	14.230	B
C-AB	66	17	0.00	506	0.131	66	0.2	0.2	8.280	A
C-A	356	89	0.00			356				
A-B	102	26	0.00			102				
A-C	546	136	0.00			546				

D4 - 2032 | Reference Case + Site 1 | PM

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Arm A Direction	Arm B Direction	Arm C Direction	Junction Delay (s)	Junction LOS
1	untitled	T-Junction	Two-way	Two-way	Two-way	8.80	A

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	8.80	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
D4	2032	Reference Case + Site 1	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	✓	751	100.000
B		ONE HOUR	✓	233	100.000
C		ONE HOUR	✓	681	100.000

Origin-Destination Data

Demand (PCU/hr)

		To		
From		A	B	C
	A	0	124	627
	B	90	0	143
	C	525	156	0

Vehicle Mix

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

Heavy Vehicle %

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

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/hr)	Total Junction Arrivals (PCU)
B-AC	0.80	54.50	3.6	F	214	321
C-AB	0.37	12.53	0.6	B	143	215
C-A					482	722
A-B					114	171
A-C					575	863

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	175	44	0.00	423	0.414	173	0.0	0.7	14.344	B
C-AB	117	29	0.00	527	0.223	116	0.0	0.3	8.838	A
C-A	395	99	0.00			395				
A-B	93	23	0.00			93				
A-C	472	118	0.00			472				

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	209	52	0.00	381	0.549	208	0.7	1.2	20.667	C
C-AB	140	35	0.00	499	0.281	140	0.3	0.4	10.111	B
C-A	472	118	0.00			472				
A-B	111	28	0.00			111				
A-C	564	141	0.00			564				

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	257	64	0.00	319	0.804	248	1.2	3.3	46.496	E
C-AB	172	43	0.00	462	0.373	172	0.4	0.6	12.463	B
C-A	577	144	0.00			577				
A-B	137	34	0.00			137				
A-C	690	173	0.00			690				

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	257	64	0.00	319	0.804	255	3.3	3.6	54.500	F
C-AB	172	43	0.00	463	0.373	172	0.6	0.6	12.529	B
C-A	577	144	0.00			577				
A-B	137	34	0.00			137				
A-C	690	173	0.00			690				

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	209	52	0.00	381	0.550	219	3.6	1.3	23.527	C
C-AB	140	35	0.00	499	0.281	141	0.6	0.4	10.176	B
C-A	472	118	0.00			472				
A-B	111	28	0.00			111				
A-C	564	141	0.00			564				

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	175	44	0.00	423	0.415	178	1.3	0.7	14.944	B
C-AB	117	29	0.00	527	0.223	118	0.4	0.3	8.905	A
C-A	395	99	0.00			395				
A-B	93	23	0.00			93				
A-C	472	118	0.00			472				

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

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

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

Junction Network

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

Traffic Demand

Demand Set Details

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

Demand overview (Traffic)

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

Origin-Destination Data

Demand (PCU/hr)

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

Vehicle Mix

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

Heavy Vehicle %

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

Results

Results Summary for whole modelled period

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

Main Results for each time segment

07:45 - 08:00

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

08:00 - 08:15

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

08:15 - 08:30

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

08:30 - 08:45

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

08:45 - 09:00

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

09:00 - 09:15

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

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

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

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

Junction Network

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

Traffic Demand

Demand Set Details

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

Demand overview (Traffic)

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

Origin-Destination Data

Demand (PCU/hr)

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

Vehicle Mix

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

Heavy Vehicle %

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

Results

Results Summary for whole modelled period

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

Main Results for each time segment

16:45 - 17:00

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

17:00 - 17:15

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

17:15 - 17:30

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

17:30 - 17:45

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

17:45 - 18:00

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

18:00 - 18:15

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

D9 - 2042 | Local Plan | AM

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

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

Junction Network

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

Traffic Demand

Demand Set Details

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

Demand overview (Traffic)

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

Origin-Destination Data

Demand (PCU/hr)

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

Vehicle Mix

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

Heavy Vehicle %

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

Results

Results Summary for whole modelled period

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

Main Results for each time segment

07:45 - 08:00

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

08:00 - 08:15

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

08:15 - 08:30

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

08:30 - 08:45

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

08:45 - 09:00

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

09:00 - 09:15

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

D10 - 2042 | Local Plan | PM

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

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

Junction Network

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

Traffic Demand

Demand Set Details

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

Demand overview (Traffic)

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

Origin-Destination Data

Demand (PCU/hr)

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

Vehicle Mix

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

Heavy Vehicle %

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

Results

Results Summary for whole modelled period

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

Main Results for each time segment

16:45 - 17:00

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

17:00 - 17:15

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

17:15 - 17:30

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

17:30 - 17:45

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

17:45 - 18:00

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

18:00 - 18:15

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

D11 - 2042 | Local Plan + Site 1 | 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	70.42	F

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	70.42	F

Traffic Demand

Demand Set Details

ID	Year	Scenario	Time period	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)	Run automatically
D11	2042	Local Plan + Site 1	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	✓	1008	100.000
B		ONE HOUR	✓	330	100.000
C		ONE HOUR	✓	641	100.000

Origin-Destination Data

Demand (PCU/hr)

		To		
From		A	B	C
	A	0	163	845
	B	95	0	235
	C	528	113	0

Vehicle Mix

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

Heavy Vehicle %

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

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/hr)	Total Junction Arrivals (PCU)
B-AC	1.26	417.60	43.3	F	303	454
C-AB	0.32	13.67	0.5	B	104	156
C-A					484	727
A-B					150	224
A-C					775	1163

Main Results for each time segment

07:45 - 08:00

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	248	62	0.00	410	0.606	243	0.0	1.5	21.023	C
C-AB	85	21	0.00	478	0.178	84	0.0	0.2	9.214	A
C-A	398	99	0.00			398				
A-B	123	31	0.00			123				
A-C	636	159	0.00			636				

08:00 - 08:15

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	297	74	0.00	362	0.820	288	1.5	3.6	44.733	E
C-AB	102	25	0.00	441	0.230	101	0.2	0.3	10.690	B
C-A	475	119	0.00			475				
A-B	147	37	0.00			147				
A-C	760	190	0.00			760				

08:15 - 08:30

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	363	91	0.00	288	1.263	281	3.6	24.1	204.428	F
C-AB	125	31	0.00	390	0.319	124	0.3	0.5	13.610	B
C-A	581	145	0.00			581				
A-B	179	45	0.00			179				
A-C	930	233	0.00			930				

08:30 - 08:45

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	363	91	0.00	287	1.264	286	24.1	43.3	417.599	F
C-AB	125	31	0.00	390	0.319	125	0.5	0.5	13.674	B
C-A	581	145	0.00			581				
A-B	179	45	0.00			179				
A-C	930	233	0.00			930				

08:45 - 09:00

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	297	74	0.00	361	0.821	353	43.3	29.2	366.161	F
C-AB	102	25	0.00	441	0.230	102	0.5	0.3	10.752	B
C-A	475	119	0.00			475				
A-B	147	37	0.00			147				
A-C	760	190	0.00			760				

09:00 - 09:15

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	248	62	0.00	410	0.606	358	29.2	1.8	120.861	F
C-AB	85	21	0.00	478	0.178	85	0.3	0.2	9.270	A
C-A	398	99	0.00			398				
A-B	123	31	0.00			123				
A-C	636	159	0.00			636				

D12 - 2042 | Local Plan + Site 1 | 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	41.45	E

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	41.45	E

Traffic Demand

Demand Set Details

ID	Year	Scenario	Time period	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)	Run automatically
D12	2042	Local Plan + Site 1	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	✓	837	100.000
B		ONE HOUR	✓	287	100.000
C		ONE HOUR	✓	764	100.000

Origin-Destination Data

Demand (PCU/hr)

	To			
From		A	B	C
	A	0	150	687
	B	100	0	187
	C	556	208	0

Vehicle Mix

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

Heavy Vehicle %

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

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/hr)	Total Junction Arrivals (PCU)
B-AC	1.12	260.19	23.8	F	263	395
C-AB	0.52	16.96	1.1	C	193	290
C-A					508	761
A-B					138	206
A-C					630	946

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	216	54	0.00	407	0.531	212	0.0	1.1	18.238	C
C-AB	157	39	0.00	511	0.307	155	0.0	0.4	10.174	B
C-A	418	105	0.00			418				
A-B	113	28	0.00			113				
A-C	517	129	0.00			517				

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	258	65	0.00	358	0.721	253	1.1	2.3	33.226	D
C-AB	188	47	0.00	481	0.390	187	0.4	0.6	12.314	B
C-A	499	125	0.00			499				
A-B	135	34	0.00			135				
A-C	618	154	0.00			618				

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	316	79	0.00	282	1.121	268	2.3	14.2	138.670	F
C-AB	236	59	0.00	450	0.524	234	0.6	1.1	16.688	C
C-A	605	151	0.00			605				
A-B	165	41	0.00			165				
A-C	756	189	0.00			756				

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	316	79	0.00	281	1.123	278	14.2	23.8	260.190	F
C-AB	236	59	0.00	450	0.524	236	1.1	1.1	16.957	C
C-A	605	151	0.00			605				
A-B	165	41	0.00			165				
A-C	756	189	0.00			756				

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	258	65	0.00	357	0.723	338	23.8	3.8	154.717	F
C-AB	188	47	0.00	481	0.390	190	1.1	0.7	12.536	B
C-A	499	125	0.00			499				
A-B	135	34	0.00			135				
A-C	618	154	0.00			618				

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	216	54	0.00	406	0.532	227	3.8	1.2	21.273	C
C-AB	157	39	0.00	511	0.307	158	0.7	0.5	10.321	B
C-A	418	105	0.00			418				
A-B	113	28	0.00			113				
A-C	517	129	0.00			517				

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

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

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

Junction Network

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

Traffic Demand

Demand Set Details

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

Demand overview (Traffic)

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

Origin-Destination Data

Demand (PCU/hr)

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

Vehicle Mix

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

Heavy Vehicle %

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

Results

Results Summary for whole modelled period

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

Main Results for each time segment

07:45 - 08:00

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

08:00 - 08:15

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

08:15 - 08:30

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

08:30 - 08:45

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

08:45 - 09:00

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

09:00 - 09:15

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

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

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

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

Junction Network

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

Traffic Demand

Demand Set Details

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

Demand overview (Traffic)

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

Origin-Destination Data

Demand (PCU/hr)

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

Vehicle Mix

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

Heavy Vehicle %

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

Results

Results Summary for whole modelled period

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

Main Results for each time segment

16:45 - 17:00

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

17:00 - 17:15

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

17:15 - 17:30

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

17:30 - 17:45

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

17:45 - 18:00

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

18:00 - 18:15

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

Junctions 11

PICADY 11 - Priority Intersection Module

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

Path: C:\Users\MatthewJohnson\Hub Transport Planning Ltd\Hub Transport Planning - General\Projects\T25512
Wrotham Road, Meopham\Modelling\Picady

Report generation date: 27/05/2026 10:27:32

»D1 - 2032 | Reference Case | AM
»D2 - 2032 | Reference Case | PM
»D3 - 2032 | Reference Case + Site 1 | AM
»D4 - 2032 | Reference Case + Site 1 | 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
»D11 - 2042 | Local Plan + Site 1 | AM
»D12 - 2042 | Local Plan + Site 1 | PM
»D15 - 2042 | Local Plan + Site 1 + Site 2 | AM
»D16 - 2042 | Local Plan + Site 1 + Site 2 | PM

Summary of junction performance

	AM				PM			
	Set ID	Queue (PCU)	Delay (s)	RFC	Set ID	Queue (PCU)	Delay (s)	RFC
	2032 - Reference Case							
Stream B-C	D1	1.0	18.20	0.50	D2	0.8	14.74	0.45
Stream B-A		0.5	33.00	0.35		0.3	32.62	0.25
Stream C-AB		0.5	12.50	0.33		1.1	16.62	0.53
	2032 - Reference Case + Site 1							
Stream B-C	D3	1.0	19.51	0.51	D4	0.9	15.51	0.46
Stream B-A		0.6	36.77	0.38		0.3	37.89	0.26
Stream C-AB		0.5	12.70	0.33		1.2	17.37	0.55
	2032 - Reference Case + Site 1 + Site 2							
Stream B-C	D7	1.0	19.78	0.52	D8	0.9	15.27	0.46
Stream B-A		0.6	38.02	0.39		0.3	37.03	0.25
Stream C-AB		0.5	12.85	0.33		1.2	17.16	0.54
	2042 - Local Plan							
Stream B-C	D9	10.0	146.68	1.01	D10	2.0	35.53	0.69
Stream B-A		4.1	248.48	0.93		1.4	113.52	0.63
Stream C-AB		0.7	16.44	0.41		1.6	21.10	0.61
	2042 - Local Plan + Site 1							
Stream B-C	D11	14.9	208.02	1.09	D12	2.1	36.23	0.69
Stream B-A		5.2	305.41	1.02		1.4	119.97	0.63
Stream C-AB		0.7	16.75	0.41		1.5	21.00	0.60
	2042 - Local Plan + Site 1 + Site 2							
Stream B-C	D15	15.7	218.39	1.10	D16	2.9	51.46	0.77
Stream B-A		5.4	314.87	1.03		1.9	158.77	0.72
Stream C-AB		0.7	16.86	0.41		1.6	21.54	0.61

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

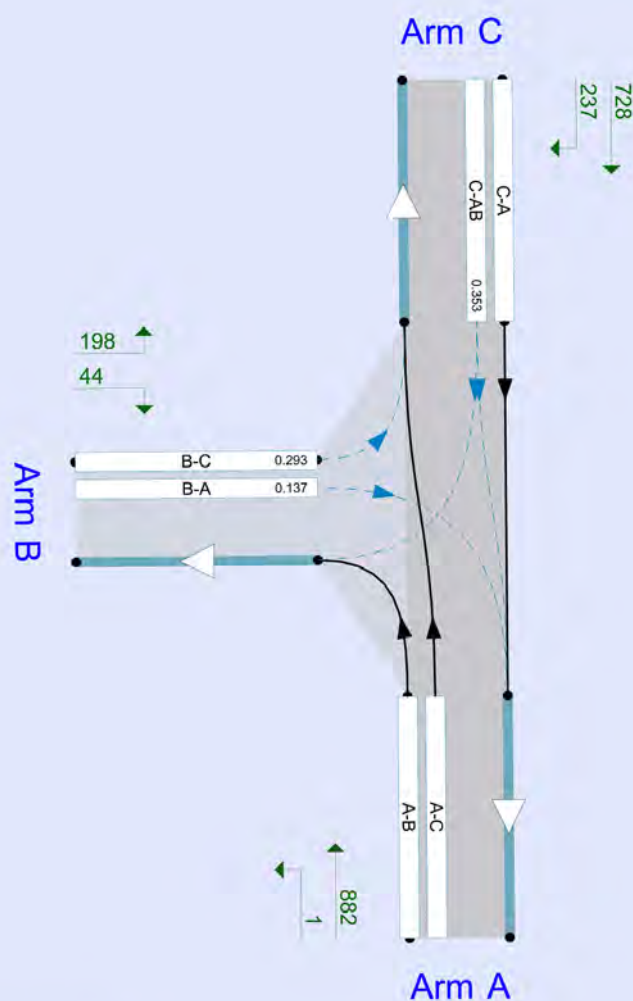
File summary

File Description

Title	
Location	Wrotham Road/Istead Rise
Site number	7
Date	08/04/2026
Version	
Status	(new file)
Identifier	MJ
Client	Richborough
Jobnumber	T25512
Enumerator	AzureAD\MatthewJohnson
Description	

Units

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



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

The junction diagram reflects the last run of Junctions.

Analysis Options

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

Demand Set Summary

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

Analysis Set Details

ID	Include in report	Use specific Demand Set(s)	Specific Demand Set(s)	Network flow scaling factor (%)	Network capacity scaling factor (%)
A1	✓	✓	D1,D2,D3,D4,D7,D8,D9,D10,D11,D12,D15,D16	100.000	100.000

D1 - 2032 | Reference Case | AM

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

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

Junction Network

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

Arms

Arms

Arm	Name	Description	Arm type
A	Wrotham Road S		Major
B	Istead Rise		Minor
C	Wrotham Road N		Major

Major Arm Geometry

Arm	Width of carriageway (m)	Has kerbed central reserve	Has right-turn storage	Width for right-turn storage (m)	Visibility for right turn (m)	Blocks?	Blocking queue (PCU)
C	6.20		✓	3.00	87.1	✓	9.00

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

Minor Arm Geometry

Arm	Minor arm type	Width at give-way (m)	Width at 5m (m)	Width at 10m (m)	Width at 15m (m)	Width at 20m (m)	Estimate flare length	Flare length (PCU)	Visibility to left (m)	Visibility to right (m)
B	One lane plus flare	10.00	9.00	4.30	2.80	2.80	✓	1.00	45	36

Slope / Intercept / Capacity

Priority Intersection Slopes and Intercepts

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

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

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

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

Traffic Demand

Demand Set Details

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

Demand overview (Traffic)

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

Origin-Destination Data

Demand (PCU/hr)

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

Vehicle Mix

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

Heavy Vehicle %

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

Results

Results Summary for whole modelled period

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

Main Results for each time segment

07:45 - 08:00

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

08:00 - 08:15

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

08:15 - 08:30

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

08:30 - 08:45

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

08:45 - 09:00

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

09:00 - 09:15

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

D2 - 2032 | Reference Case | PM

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

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

Junction Network

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

Traffic Demand

Demand Set Details

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

Demand overview (Traffic)

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

Origin-Destination Data

Demand (PCU/hr)

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

Vehicle Mix

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

Heavy Vehicle %

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

Results

Results Summary for whole modelled period

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

Main Results for each time segment

17:15 - 17:30

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

17:30 - 17:45

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

17:45 - 18:00

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

18:00 - 18:15

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

18:15 - 18:30

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

18:30 - 18:45

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

D3 - 2032 | Reference Case + Site 1 | AM

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Arm A Direction	Arm B Direction	Arm C Direction	Junction Delay (s)	Junction LOS
1	untitled	T-Junction	Two-way	Two-way	Two-way	4.09	A

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	4.09	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
D3	2032	Reference Case + Site 1	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	✓	877	100.000
B		ONE HOUR	✓	234	100.000
C		ONE HOUR	✓	634	100.000

Origin-Destination Data

Demand (PCU/hr)

	To			
From		A	B	C
	A	0	0	877
	B	55	0	179
	C	506	128	0

Vehicle Mix

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

Heavy Vehicle %

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

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/hr)	Total Junction Arrivals (PCU)
B-C	0.51	19.51	1.0	C	164	246
B-A	0.38	36.77	0.6	E	50	76
C-AB	0.33	12.70	0.5	B	117	176
C-A					464	696
A-B					0	0
A-C					805	1207

Main Results for each time segment

07:45 - 08:00

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	135	34	0.00	510	0.264	133	0.0	0.4	9.618	A
B-A	41	10	0.00	303	0.136	41	0.0	0.2	13.674	B
C-AB	96	24	0.00	507	0.190	95	0.0	0.2	8.822	A
C-A	381	95	0.00			381				
A-B	0	0	0.00			0				
A-C	660	165	0.00			660				

08:00 - 08:15

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	161	40	0.00	465	0.346	160	0.4	0.5	11.915	B
B-A	49	12	0.00	245	0.202	49	0.2	0.2	18.375	C
C-AB	115	29	0.00	473	0.243	115	0.2	0.3	10.134	B
C-A	455	114	0.00			455				
A-B	0	0	0.00			0				
A-C	788	197	0.00			788				

08:15 - 08:30

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	197	49	0.00	385	0.511	195	0.5	1.0	18.918	C
B-A	61	15	0.00	159	0.380	59	0.2	0.6	35.555	E
C-AB	141	35	0.00	427	0.330	140	0.3	0.5	12.647	B
C-A	557	139	0.00			557				
A-B	0	0	0.00			0				
A-C	966	241	0.00			966				

08:30 - 08:45

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	197	49	0.00	383	0.514	197	1.0	1.0	19.506	C
B-A	61	15	0.00	158	0.383	60	0.6	0.6	36.772	E
C-AB	141	35	0.00	427	0.330	141	0.5	0.5	12.704	B
C-A	557	139	0.00			557				
A-B	0	0	0.00			0				
A-C	966	241	0.00			966				

08:45 - 09:00

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	161	40	0.00	463	0.347	163	1.0	0.5	12.185	B
B-A	49	12	0.00	244	0.203	51	0.6	0.3	18.793	C
C-AB	115	29	0.00	473	0.243	116	0.5	0.3	10.188	B
C-A	455	114	0.00			455				
A-B	0	0	0.00			0				
A-C	788	197	0.00			788				

09:00 - 09:15

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	135	34	0.00	509	0.265	135	0.5	0.4	9.746	A
B-A	41	10	0.00	303	0.137	42	0.3	0.2	13.821	B
C-AB	96	24	0.00	507	0.190	97	0.3	0.2	8.877	A
C-A	381	95	0.00			381				
A-B	0	0	0.00			0				
A-C	660	165	0.00			660				

D4 - 2032 | Reference Case + Site 1 | PM

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Arm A Direction	Arm B Direction	Arm C Direction	Junction Delay (s)	Junction LOS
1	untitled	T-Junction	Two-way	Two-way	Two-way	4.28	A

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	4.28	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
D4	2032	Reference Case + Site 1	PM	ONE HOUR	17:15	18:45	15	✓

Demand overview (Traffic)

Arm	Linked arm	Profile type	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
A		ONE HOUR	✓	771	100.000
B		ONE HOUR	✓	215	100.000
C		ONE HOUR	✓	877	100.000

Origin-Destination Data

Demand (PCU/hr)

	To			
From		A	B	C
	A	0	2	769
	B	31	0	184
	C	650	227	0

Vehicle Mix

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

Heavy Vehicle %

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

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/hr)	Total Junction Arrivals (PCU)
B-C	0.46	15.51	0.9	C	169	253
B-A	0.26	37.89	0.3	E	28	43
C-AB	0.55	17.37	1.2	C	209	313
C-A					596	894
A-B					2	3
A-C					706	1058

Main Results for each time segment

17:15 - 17:30

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	139	35	0.00	540	0.257	137	0.0	0.3	9.000	A
B-A	23	6	0.00	279	0.084	23	0.0	0.1	14.025	B
C-AB	171	43	0.00	527	0.324	169	0.0	0.5	10.091	B
C-A	489	122	0.00			489				
A-B	2	0.38	0.00			2				
A-C	579	145	0.00			579				

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	165	41	0.00	502	0.329	165	0.3	0.5	10.750	B
B-A	28	7	0.00	217	0.129	28	0.1	0.1	19.017	C
C-AB	204	51	0.00	498	0.410	203	0.5	0.7	12.291	B
C-A	584	146	0.00			584				
A-B	2	0.45	0.00			2				
A-C	691	173	0.00			691				

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	203	51	0.00	438	0.462	201	0.5	0.8	15.234	C
B-A	34	9	0.00	130	0.262	33	0.1	0.3	36.950	E
C-AB	252	63	0.00	461	0.546	250	0.7	1.2	17.077	C
C-A	714	178	0.00			714				
A-B	2	0.55	0.00			2				
A-C	847	212	0.00			847				

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	203	51	0.00	437	0.464	203	0.8	0.9	15.506	C
B-A	34	9	0.00	129	0.265	34	0.3	0.3	37.886	E
C-AB	252	63	0.00	461	0.546	252	1.2	1.2	17.372	C
C-A	714	178	0.00			714				
A-B	2	0.55	0.00			2				
A-C	847	212	0.00			847				

18:15 - 18:30

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	165	41	0.00	502	0.330	167	0.9	0.5	10.906	B
B-A	28	7	0.00	215	0.129	29	0.3	0.2	19.353	C
C-AB	204	51	0.00	498	0.410	206	1.2	0.7	12.525	B
C-A	584	146	0.00			584				
A-B	2	0.45	0.00			2				
A-C	691	173	0.00			691				

18:30 - 18:45

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	139	35	0.00	539	0.257	139	0.5	0.4	9.097	A
B-A	23	6	0.00	278	0.084	24	0.2	0.1	14.164	B
C-AB	171	43	0.00	527	0.324	172	0.7	0.5	10.250	B
C-A	489	122	0.00			489				
A-B	2	0.38	0.00			2				
A-C	579	145	0.00			579				

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

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

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

Junction Network

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

Traffic Demand

Demand Set Details

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

Demand overview (Traffic)

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

Origin-Destination Data

Demand (PCU/hr)

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

Vehicle Mix

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

Heavy Vehicle %

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

Results

Results Summary for whole modelled period

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

Main Results for each time segment

07:45 - 08:00

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

08:00 - 08:15

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

08:15 - 08:30

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

08:30 - 08:45

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

08:45 - 09:00

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

09:00 - 09:15

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

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

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

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

Junction Network

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

Traffic Demand

Demand Set Details

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

Demand overview (Traffic)

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

Origin-Destination Data

Demand (PCU/hr)

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

Vehicle Mix

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

Heavy Vehicle %

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

Results

Results Summary for whole modelled period

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

Main Results for each time segment

17:15 - 17:30

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

17:30 - 17:45

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

17:45 - 18:00

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

18:00 - 18:15

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

18:15 - 18:30

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

18:30 - 18:45

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

D9 - 2042 | Local Plan | AM

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

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

Junction Network

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

Traffic Demand

Demand Set Details

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

Demand overview (Traffic)

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

Origin-Destination Data

Demand (PCU/hr)

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

Vehicle Mix

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

Heavy Vehicle %

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

Results

Results Summary for whole modelled period

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

Main Results for each time segment

07:45 - 08:00

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

08:00 - 08:15

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

08:15 - 08:30

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

08:30 - 08:45

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

08:45 - 09:00

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

09:00 - 09:15

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

D10 - 2042 | Local Plan | PM

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

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

Junction Network

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

Traffic Demand

Demand Set Details

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

Demand overview (Traffic)

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

Origin-Destination Data

Demand (PCU/hr)

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

Vehicle Mix

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

Heavy Vehicle %

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

Results

Results Summary for whole modelled period

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

Main Results for each time segment

17:15 - 17:30

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

17:30 - 17:45

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

17:45 - 18:00

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

18:00 - 18:15

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

18:15 - 18:30

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

18:30 - 18:45

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

D11 - 2042 | Local Plan + Site 1 | 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	31.44	D

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	31.44	D

Traffic Demand

Demand Set Details

ID	Year	Scenario	Time period	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)	Run automatically
D11	2042	Local Plan + Site 1	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	✓	1080	100.000
B		ONE HOUR	✓	277	100.000
C		ONE HOUR	✓	723	100.000

Origin-Destination Data

Demand (PCU/hr)

	To			
From		A	B	C
	A	0	0	1080
	B	56	0	221
	C	585	138	0

Vehicle Mix

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

Heavy Vehicle %

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

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/hr)	Total Junction Arrivals (PCU)
B-C	1.09	208.02	14.9	F	203	304
B-A	1.02	305.41	5.2	F	51	77
C-AB	0.41	16.75	0.7	C	127	190
C-A					537	805
A-B					0	0
A-C					991	1487

Main Results for each time segment

07:45 - 08:00

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	166	42	0.00	464	0.359	164	0.0	0.6	12.044	B
B-A	42	11	0.00	244	0.172	41	0.0	0.2	17.670	C
C-AB	104	26	0.00	467	0.223	103	0.0	0.3	9.958	A
C-A	440	110	0.00			440				
A-B	0	0	0.00			0				
A-C	813	203	0.00			813				

08:00 - 08:15

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	199	50	0.00	402	0.495	197	0.6	1.0	17.632	C
B-A	50	13	0.00	170	0.296	50	0.2	0.4	29.677	D
C-AB	124	31	0.00	426	0.291	124	0.3	0.4	12.014	B
C-A	526	131	0.00			526				
A-B	0	0	0.00			0				
A-C	971	243	0.00			971				

08:15 - 08:30

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	243	61	0.00	237	1.028	214	1.0	8.3	107.700	F
B-A	62	15	0.00	61	1.018	49	0.4	3.7	214.874	F
C-AB	152	38	0.00	369	0.412	151	0.4	0.7	16.586	C
C-A	644	161	0.00			644				
A-B	0	0	0.00			0				
A-C	1189	297	0.00			1189				

08:30 - 08:45

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	243	61	0.00	224	1.088	217	8.3	14.9	208.023	F
B-A	62	15	0.00	62	1.000	55	3.7	5.2	305.405	F
C-AB	152	38	0.00	369	0.412	152	0.7	0.7	16.746	C
C-A	644	161	0.00			644				
A-B	0	0	0.00			0				
A-C	1189	297	0.00			1189				

08:45 - 09:00

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	199	50	0.00	369	0.538	253	14.9	1.3	45.307	E
B-A	50	13	0.00	143	0.353	69	5.2	0.6	58.706	F
C-AB	124	31	0.00	426	0.291	125	0.7	0.4	12.142	B
C-A	526	131	0.00			526				
A-B	0	0	0.00			0				
A-C	971	243	0.00			971				

09:00 - 09:15

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	166	42	0.00	462	0.360	169	1.3	0.6	12.519	B
B-A	42	11	0.00	243	0.174	44	0.6	0.2	18.209	C
C-AB	104	26	0.00	467	0.223	104	0.4	0.3	10.049	B
C-A	440	110	0.00			440				
A-B	0	0	0.00			0				
A-C	813	203	0.00			813				

D12 - 2042 | Local Plan + Site 1 | PM

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Arm A Direction	Arm B Direction	Arm C Direction	Junction Delay (s)	Junction LOS
1	untitled	T-Junction	Two-way	Two-way	Two-way	8.30	A

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	8.30	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
D12	2042	Local Plan + Site 1	PM	ONE HOUR	17:15	18:45	15	✓

Demand overview (Traffic)

Arm	Linked arm	Profile type	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
A		ONE HOUR	✓	874	100.000
B		ONE HOUR	✓	240	100.000
C		ONE HOUR	✓	956	100.000

Origin-Destination Data

Demand (PCU/hr)

	To			
From		A	B	C
	A	0	1	873
	B	42	0	198
	C	721	235	0

Vehicle Mix

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

Heavy Vehicle %

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

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/hr)	Total Junction Arrivals (PCU)
B-C	0.69	36.23	2.1	E	182	273
B-A	0.63	119.97	1.4	F	39	58
C-AB	0.60	21.00	1.5	C	218	326
C-A					660	990
A-B					0.92	1
A-C					801	1202

Main Results for each time segment

17:15 - 17:30

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	149	37	0.00	512	0.291	147	0.0	0.4	9.933	A
B-A	32	8	0.00	246	0.129	31	0.0	0.1	16.721	C
C-AB	177	44	0.00	507	0.349	175	0.0	0.5	10.870	B
C-A	543	136	0.00			543				
A-B	0.75	0.19	0.00			0.75				
A-C	657	164	0.00			657				

17:30 - 17:45

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	178	44	0.00	463	0.384	177	0.4	0.6	12.677	B
B-A	38	9	0.00	176	0.215	37	0.1	0.3	25.877	D
C-AB	211	53	0.00	474	0.446	210	0.5	0.8	13.716	B
C-A	648	162	0.00			648				
A-B	0.90	0.22	0.00			0.90				
A-C	785	196	0.00			785				

17:45 - 18:00

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	218	55	0.00	334	0.653	214	0.6	1.7	29.208	D
B-A	46	12	0.00	77	0.600	43	0.3	1.2	96.524	F
C-AB	264	66	0.00	437	0.605	261	0.8	1.5	20.415	C
C-A	788	197	0.00			788				
A-B	1	0.28	0.00			1				
A-C	961	240	0.00			961				

18:00 - 18:15

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	218	55	0.00	315	0.692	217	1.7	2.1	36.227	E
B-A	46	12	0.00	74	0.625	45	1.2	1.4	119.970	F
C-AB	264	66	0.00	437	0.605	264	1.5	1.5	21.003	C
C-A	788	197	0.00			788				
A-B	1	0.28	0.00			1				
A-C	961	240	0.00			961				

18:15 - 18:30

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	178	44	0.00	457	0.390	184	2.1	0.7	13.567	B
B-A	38	9	0.00	173	0.218	42	1.4	0.3	28.358	D
C-AB	211	53	0.00	474	0.446	214	1.5	0.8	14.118	B
C-A	648	162	0.00			648				
A-B	0.90	0.22	0.00			0.90				
A-C	785	196	0.00			785				

18:30 - 18:45

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	149	37	0.00	511	0.292	150	0.7	0.4	10.099	B
B-A	32	8	0.00	244	0.129	32	0.3	0.2	17.020	C
C-AB	177	44	0.00	507	0.349	178	0.8	0.6	11.082	B
C-A	543	136	0.00			543				
A-B	0.75	0.19	0.00			0.75				
A-C	657	164	0.00			657				

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

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

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

Junction Network

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

Traffic Demand

Demand Set Details

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

Demand overview (Traffic)

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

Origin-Destination Data

Demand (PCU/hr)

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

Vehicle Mix

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

Heavy Vehicle %

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

Results

Results Summary for whole modelled period

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

Main Results for each time segment

07:45 - 08:00

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

08:00 - 08:15

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

08:15 - 08:30

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

08:30 - 08:45

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

08:45 - 09:00

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

09:00 - 09:15

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

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

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

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

Junction Network

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

Traffic Demand

Demand Set Details

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

Demand overview (Traffic)

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

Origin-Destination Data

Demand (PCU/hr)

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

Vehicle Mix

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

Heavy Vehicle %

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

Results

Results Summary for whole modelled period

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

Main Results for each time segment

17:15 - 17:30

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

17:30 - 17:45

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

17:45 - 18:00

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

18:00 - 18:15

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

18:15 - 18:30

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

18:30 - 18:45

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