

Junctions 11						
PICADY 11 - Priority Intersection Module						
Version: 11.0.0.2177						
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Filename: Import of RatbyLn-LondonRd RevD_PRTM.j11

Path: P:\22000's\22052\Junction Assessment

Report generation date: 23/10/2025 16:59:46

- »2023 Existing || AM
- »2023 Existing || PM
- »2031 Baseline || AM
- »2031 Baseline || PM
- »2031 Base + DEV || AM
- »2031 Base + DEV || PM
- »2031 Sensitivity || AM
- »2031 Sensitivity || PM

Summary of junction performance

	AM			PM		
	Queue (PCU)	Delay (s)	RFC	Queue (PCU)	Delay (s)	RFC
2023 Existing						
Stream B-C	1.0	28.04	0.48	0.2	9.71	0.16
Stream B-A	4.1	48.85	0.80	0.5	15.05	0.30
Stream C-AB	0.4	6.58	0.17	0.5	5.97	0.21
2031 Baseline						
Stream B-C	10.8	198.29	1.03	0.3	11.50	0.23
Stream B-A	16.5	167.39	1.03	0.8	20.98	0.43
Stream C-AB	0.5	6.74	0.22	1.0	7.47	0.37
2031 Base + DEV						
Stream B-C	12.5	220.60	1.05	0.4	12.04	0.26
Stream B-A	19.0	190.68	1.05	0.9	22.25	0.44
Stream C-AB	0.6	6.78	0.23	1.0	7.61	0.38
2031 Sensitivity						
Stream B-C	19.8	290.16	1.13	0.5	13.38	0.30
Stream B-A	27.9	269.82	1.13	1.1	26.60	0.51
Stream C-AB	0.6	6.93	0.24	1.4	8.87	0.47

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	Ratby Lane/ Launde Road
Location	
Site number	
Date	08/05/2025
Version	
Status	Preliminary
Identifier	
Client	
Jobnumber	
Enumerator	DTA\arcady
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

Analysis Options

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

Demand Set Summary

ID	Year	Time period	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)	Run automatically
D1	2023 Existing	AM	ONE HOUR	07:30	09:00	15	✓
D2	2023 Existing	PM	ONE HOUR	16:00	17:30	15	✓
D3	2031 Baseline	AM	ONE HOUR	07:30	09:00	15	✓
D4	2031 Baseline	PM	ONE HOUR	16:00	17:30	15	✓
D5	2031 Base + DEV	AM	ONE HOUR	07:30	09:00	15	✓
D6	2031 Base + DEV	PM	ONE HOUR	16:00	17:30	15	✓
D7	2031 Sensitivity	AM	ONE HOUR	07:30	09:00	15	✓
D8	2031 Sensitivity	PM	ONE HOUR	16:00	17:30	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,D5,D6,D7,D8	100.000	100.000

2023 Existing | | 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	Use circulating lanes	Junction Delay (s)	Junction LOS
1	untitled	T-Junction	Two-way	Two-way	Two-way		15.78	C

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	15.78	C

Arms

Arms

Arm	Name	Description	Arm type
A	Ratby Lane S		Major
B	London Road		Minor
C	Ratby Lane N		Major

Major Arm Geometry

Arm	Width of carriageway (m)	Has kerbed central reserve	Has right-turn storage	Visibility for right turn (m)	Blocks?	Blocking queue (PCU)
Ratby Lane N	6.60			250.0	✓	0.00

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

Minor Arm Geometry

Arm	Minor arm type	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)
London Road	One lane plus flare	10.00	7.00	5.35	4.27	3.59	✓	2.00	86	43

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	609	0.108	0.273	0.172	0.390
B-C	644	0.096	0.243	-	-
C-B	719	0.271	0.271	-	-

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	Time period	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)	Run automatically
D1	2023 Existing	AM	ONE HOUR	07:30	09:00	15	✓

Demand overview (Traffic)

Arm	Linked arm	Profile type	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
Ratby Lane S		ONE HOUR	✓	408	100.000
London Road		ONE HOUR	✓	418	100.000
Ratby Lane N		ONE HOUR	✓	353	100.000

Origin-Destination Data

Demand (PCU/hr)

From	To			
		Ratby Lane S	London Road	Ratby Lane N
	Ratby Lane S	0	87	321
	London Road	294	0	124
	Ratby Lane N	275	78	0

Vehicle Mix

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

Heavy Vehicle %

From	To			
		Ratby Lane S	London Road	Ratby Lane N
	Ratby Lane S	0	29	15
	London Road	17	0	16
	Ratby Lane N	25	18	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	28.04	1.0	D	114	171
B-A	0.80	48.85	4.1	E	270	405
C-AB	0.17	6.58	0.4	A	107	161
C-A					217	325
A-B					80	120
A-C					295	442

Main Results for each time segment

07:30 - 07:45

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	93	23	0.00	490	0.191	92	0.0	0.3	10.482	B
B-A	221	55	0.00	476	0.465	217	0.0	1.0	16.056	C
C-AB	80	20	0.00	769	0.104	80	0.0	0.2	6.248	A
C-A	185	46	0.00			185				
A-B	65	16	0.00			65				
A-C	242	60	0.00			242				

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	111	28	0.00	430	0.259	111	0.3	0.4	13.078	B
B-A	264	66	0.00	448	0.590	262	1.0	1.6	22.300	C
C-AB	103	26	0.00	782	0.132	103	0.2	0.3	6.365	A
C-A	215	54	0.00			215				
A-B	78	20	0.00			78				
A-C	289	72	0.00			289				

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	137	34	0.00	300	0.455	134	0.4	0.9	24.863	C
B-A	324	81	0.00	406	0.797	315	1.6	3.8	42.641	E
C-AB	139	35	0.00	800	0.173	138	0.3	0.4	6.556	A
C-A	250	62	0.00			250				
A-B	96	24	0.00			96				
A-C	353	88	0.00			353				

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	137	34	0.00	284	0.480	136	0.9	1.0	28.039	D
B-A	324	81	0.00	405	0.799	322	3.8	4.1	48.855	E
C-AB	139	35	0.00	800	0.174	139	0.4	0.4	6.580	A
C-A	250	62	0.00			250				
A-B	96	24	0.00			96				
A-C	353	88	0.00			353				

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	111	28	0.00	416	0.268	114	1.0	0.4	13.915	B
B-A	264	66	0.00	448	0.590	274	4.1	1.8	25.283	D
C-AB	103	26	0.00	782	0.132	103	0.4	0.3	6.401	A
C-A	214	54	0.00			214				
A-B	78	20	0.00			78				
A-C	289	72	0.00			289				

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	93	23	0.00	484	0.193	94	0.4	0.3	10.717	B
B-A	221	55	0.00	476	0.465	224	1.8	1.0	16.918	C
C-AB	81	20	0.00	770	0.105	81	0.3	0.2	6.279	A
C-A	185	46	0.00			185				
A-B	65	16	0.00			65				
A-C	242	60	0.00			242				

2023 Existing | 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	Use circulating lanes	Junction Delay (s)	Junction LOS
1	untitled	T-Junction	Two-way	Two-way	Two-way		3.07	A

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	3.07	A

Traffic Demand

Demand Set Details

ID	Year	Time period	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)	Run automatically
D2	2023 Existing	PM	ONE HOUR	16:00	17:30	15	✓

Demand overview (Traffic)

Arm	Linked arm	Profile type	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
Ratby Lane S		ONE HOUR	✓	431	100.000
London Road		ONE HOUR	✓	181	100.000
Ratby Lane N		ONE HOUR	✓	429	100.000

Origin-Destination Data

Demand (PCU/hr)

	To			
		Ratby Lane S	London Road	Ratby Lane N
From	Ratby Lane S	0	110	321
	London Road	104	0	77
	Ratby Lane N	339	90	0

Vehicle Mix

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

Heavy Vehicle %

	To			
		Ratby Lane S	London Road	Ratby Lane N
From	Ratby Lane S	0	6	10
	London Road	10	0	19
	Ratby Lane N	8	11	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	0.16	9.71	0.2	A	71	106
B-A	0.30	15.05	0.5	C	95	143
C-AB	0.21	5.97	0.5	A	136	204
C-A					257	386
A-B					101	151
A-C					295	442

Main Results for each time segment

16:00 - 16:15

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	58	14	0.00	580	0.100	57	0.0	0.1	8.184	A
B-A	78	20	0.00	443	0.177	77	0.0	0.2	10.817	B
C-AB	100	25	0.00	797	0.125	99	0.0	0.2	5.674	A
C-A	223	56	0.00			223				
A-B	83	21	0.00			83				
A-C	242	60	0.00			242				

16:15 - 16:30

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	69	17	0.00	559	0.124	69	0.1	0.2	8.746	A
B-A	93	23	0.00	415	0.225	93	0.2	0.3	12.279	B
C-AB	130	32	0.00	815	0.159	129	0.2	0.3	5.778	A
C-A	256	64	0.00			256				
A-B	99	25	0.00			99				
A-C	289	72	0.00			289				

16:30 - 16:45

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	85	21	0.00	526	0.161	85	0.2	0.2	9.694	A
B-A	115	29	0.00	378	0.303	114	0.3	0.5	14.974	B
C-AB	179	45	0.00	841	0.213	178	0.3	0.5	5.965	A
C-A	294	73	0.00			294				
A-B	121	30	0.00			121				
A-C	353	88	0.00			353				

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	85	21	0.00	526	0.161	85	0.2	0.2	9.713	A
B-A	115	29	0.00	378	0.303	114	0.5	0.5	15.047	C
C-AB	179	45	0.00	841	0.213	179	0.5	0.5	5.972	A
C-A	293	73	0.00			293				
A-B	121	30	0.00			121				
A-C	353	88	0.00			353				

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	69	17	0.00	558	0.124	69	0.2	0.2	8.773	A
B-A	93	23	0.00	415	0.225	94	0.5	0.3	12.351	B
C-AB	130	32	0.00	815	0.159	131	0.5	0.3	5.781	A
C-A	256	64	0.00			256				
A-B	99	25	0.00			99				
A-C	289	72	0.00			289				

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	58	14	0.00	580	0.100	58	0.2	0.1	8.216	A
B-A	78	20	0.00	442	0.177	79	0.3	0.2	10.898	B
C-AB	100	25	0.00	797	0.126	100	0.3	0.2	5.688	A
C-A	223	56	0.00			223				
A-B	83	21	0.00			83				
A-C	242	60	0.00			242				

2031 Baseline | | 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	Use circulating lanes	Junction Delay (s)	Junction LOS
1	untitled	T-Junction	Two-way	Two-way	Two-way		67.27	F

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	67.27	F

Traffic Demand

Demand Set Details

ID	Year	Time period	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)	Run automatically
D3	2031 Baseline	AM	ONE HOUR	07:30	09:00	15	✓

Demand overview (Traffic)

Arm	Linked arm	Profile type	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
Ratby Lane S		ONE HOUR	✓	444	100.000
London Road		ONE HOUR	✓	509	100.000
Ratby Lane N		ONE HOUR	✓	413	100.000

Origin-Destination Data

Demand (PCU/hr)

	To			
		Ratby Lane S	London Road	Ratby Lane N
From	Ratby Lane S	0	104	340
	London Road	325	0	184
	Ratby Lane N	321	92	0

Vehicle Mix

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

Heavy Vehicle %

	To			
		Ratby Lane S	London Road	Ratby Lane N
From	Ratby Lane S	0	29	15
	London Road	17	0	16
	Ratby Lane N	25	18	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	1.03	198.29	10.8	F	169	253
B-A	1.03	167.39	16.5	F	298	447
C-AB	0.22	6.74	0.5	A	136	204
C-A					243	364
A-B					95	143
A-C					312	468

Main Results for each time segment

07:30 - 07:45

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	471	0.294	137	0.0	0.5	12.421	B
B-A	245	61	0.00	446	0.548	239	0.0	1.4	19.862	C
C-AB	100	25	0.00	785	0.127	99	0.0	0.2	6.293	A
C-A	211	53	0.00			211				
A-B	78	20	0.00			78				
A-C	256	64	0.00			256				

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	165	41	0.00	380	0.436	164	0.5	0.9	19.209	C
B-A	292	73	0.00	411	0.711	287	1.4	2.6	32.813	D
C-AB	130	32	0.00	801	0.162	129	0.2	0.3	6.445	A
C-A	242	60	0.00			242				
A-B	93	23	0.00			93				
A-C	306	76	0.00			306				

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	203	51	0.00	197	1.027	175	0.9	7.9	124.851	F
B-A	358	89	0.00	352	1.015	325	2.6	10.8	99.452	F
C-AB	178	44	0.00	825	0.216	177	0.3	0.5	6.715	A
C-A	277	69	0.00			277				
A-B	115	29	0.00			115				
A-C	374	94	0.00			374				

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	203	51	0.00	203	0.998	191	7.9	10.8	198.287	F
B-A	358	89	0.00	348	1.029	335	10.8	16.5	167.386	F
C-AB	178	45	0.00	825	0.216	178	0.5	0.5	6.743	A
C-A	277	69	0.00			277				
A-B	115	29	0.00			115				
A-C	374	94	0.00			374				

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	165	41	0.00	272	0.609	200	10.8	2.1	74.745	F
B-A	292	73	0.00	390	0.749	341	16.5	4.3	98.709	F
C-AB	130	32	0.00	802	0.162	131	0.5	0.4	6.492	A
C-A	241	60	0.00			241				
A-B	93	23	0.00			93				
A-C	306	76	0.00			306				

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	139	35	0.00	454	0.305	145	2.1	0.5	13.746	B
B-A	245	61	0.00	445	0.550	256	4.3	1.5	23.492	C
C-AB	100	25	0.00	786	0.128	101	0.4	0.3	6.333	A
C-A	210	53	0.00			210				
A-B	78	20	0.00			78				
A-C	256	64	0.00			256				

2031 Baseline | 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	Use circulating lanes	Junction Delay (s)	Junction LOS
1	untitled	T-Junction	Two-way	Two-way	Two-way		4.64	A

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	4.64	A

Traffic Demand

Demand Set Details

ID	Year	Time period	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)	Run automatically
D4	2031 Baseline	PM	ONE HOUR	16:00	17:30	15	✓

Demand overview (Traffic)

Arm	Linked arm	Profile type	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
Ratby Lane S		ONE HOUR	✓	502	100.000
London Road		ONE HOUR	✓	228	100.000
Ratby Lane N		ONE HOUR	✓	508	100.000

Origin-Destination Data

Demand (PCU/hr)

	To			
		Ratby Lane S	London Road	Ratby Lane N
From	Ratby Lane S	0	131	371
	London Road	129	0	99
	Ratby Lane N	360	148	0

Vehicle Mix

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

Heavy Vehicle %

	To			
		Ratby Lane S	London Road	Ratby Lane N
From	Ratby Lane S	0	6	10
	London Road	10	0	19
	Ratby Lane N	8	11	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	0.23	11.50	0.3	B	91	136
B-A	0.43	20.98	0.8	C	118	178
C-AB	0.37	7.47	1.0	A	234	351
C-A					232	348
A-B					120	180
A-C					340	511

Main Results for each time segment

16:00 - 16:15

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	75	19	0.00	561	0.133	74	0.0	0.2	8.774	A
B-A	97	24	0.00	411	0.236	96	0.0	0.3	12.522	B
C-AB	169	42	0.00	794	0.213	167	0.0	0.4	6.306	A
C-A	213	53	0.00			213				
A-B	99	25	0.00			99				
A-C	279	70	0.00			279				

16:15 - 16:30

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	89	22	0.00	532	0.167	89	0.2	0.2	9.657	A
B-A	116	29	0.00	377	0.307	115	0.3	0.5	15.088	C
C-AB	222	55	0.00	813	0.273	221	0.4	0.6	6.692	A
C-A	235	59	0.00			235				
A-B	118	29	0.00			118				
A-C	334	83	0.00			334				

16:30 - 16:45

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	109	27	0.00	483	0.226	109	0.2	0.3	11.431	B
B-A	142	36	0.00	331	0.429	141	0.5	0.8	20.694	C
C-AB	310	77	0.00	841	0.369	308	0.6	1.0	7.438	A
C-A	249	62	0.00			249				
A-B	144	36	0.00			144				
A-C	408	102	0.00			408				

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	109	27	0.00	482	0.226	109	0.3	0.3	11.499	B
B-A	142	36	0.00	331	0.430	142	0.8	0.8	20.981	C
C-AB	311	78	0.00	841	0.369	311	1.0	1.0	7.467	A
C-A	249	62	0.00			249				
A-B	144	36	0.00			144				
A-C	408	102	0.00			408				

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	89	22	0.00	531	0.168	89	0.3	0.2	9.721	A
B-A	116	29	0.00	377	0.308	117	0.8	0.5	15.315	C
C-AB	223	56	0.00	814	0.273	224	1.0	0.6	6.722	A
C-A	234	59	0.00			234				
A-B	118	29	0.00			118				
A-C	334	83	0.00			334				

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	75	19	0.00	560	0.133	75	0.2	0.2	8.831	A
B-A	97	24	0.00	410	0.237	98	0.5	0.3	12.696	B
C-AB	170	42	0.00	795	0.214	171	0.6	0.4	6.348	A
C-A	213	53	0.00			213				
A-B	99	25	0.00			99				
A-C	279	70	0.00			279				

2031 Base + DEV || 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	Use circulating lanes	Junction Delay (s)	Junction LOS
1	untitled	T-Junction	Two-way	Two-way	Two-way		75.65	F

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	75.65	F

Traffic Demand

Demand Set Details

ID	Year	Time period	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)	Run automatically
D5	2031 Base + DEV	AM	ONE HOUR	07:30	09:00	15	✓

Demand overview (Traffic)

Arm	Linked arm	Profile type	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
Ratby Lane S		ONE HOUR	✓	450	100.000
London Road		ONE HOUR	✓	518	100.000
Ratby Lane N		ONE HOUR	✓	428	100.000

Origin-Destination Data

Demand (PCU/hr)

	To			
		Ratby Lane S	London Road	Ratby Lane N
From	Ratby Lane S	0	104	346
	London Road	325	0	193
	Ratby Lane N	333	95	0

Vehicle Mix

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

Heavy Vehicle %

	To			
		Ratby Lane S	London Road	Ratby Lane N
From	Ratby Lane S	0	29	15
	London Road	17	0	16
	Ratby Lane N	25	18	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	1.05	220.60	12.5	F	177	266
B-A	1.05	190.68	19.0	F	298	447
C-AB	0.23	6.78	0.6	A	143	215
C-A					250	374
A-B					95	143
A-C					317	476

Main Results for each time segment

07:30 - 07:45

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	145	36	0.00	470	0.309	143	0.0	0.5	12.721	B
B-A	245	61	0.00	440	0.556	239	0.0	1.4	20.423	C
C-AB	105	26	0.00	790	0.133	104	0.0	0.3	6.295	A
C-A	217	54	0.00			217				
A-B	78	20	0.00			78				
A-C	260	65	0.00			260				

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	374	0.464	172	0.5	1.0	20.458	C
B-A	292	73	0.00	403	0.725	287	1.4	2.7	34.711	D
C-AB	136	34	0.00	807	0.169	136	0.3	0.4	6.454	A
C-A	249	62	0.00			249				
A-B	93	23	0.00			93				
A-C	311	78	0.00			311				

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	212	53	0.00	202	1.053	181	1.0	8.8	131.785	F
B-A	358	89	0.00	344	1.040	320	2.7	12.1	109.497	F
C-AB	188	47	0.00	832	0.226	187	0.4	0.5	6.746	A
C-A	283	71	0.00			283				
A-B	115	29	0.00			115				
A-C	381	95	0.00			381				

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	212	53	0.00	207	1.025	198	8.8	12.5	220.600	F
B-A	358	89	0.00	340	1.053	330	12.1	19.0	190.683	F
C-AB	188	47	0.00	833	0.226	188	0.5	0.6	6.775	A
C-A	283	71	0.00			283				
A-B	115	29	0.00			115				
A-C	381	95	0.00			381				

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	174	43	0.00	239	0.727	207	12.5	4.1	139.895	F
B-A	292	73	0.00	376	0.778	345	19.0	5.6	131.290	F
C-AB	137	34	0.00	808	0.169	137	0.6	0.4	6.507	A
C-A	248	62	0.00			248				
A-B	93	23	0.00			93				
A-C	311	78	0.00			311				

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	145	36	0.00	447	0.325	159	4.1	0.6	15.166	C
B-A	245	61	0.00	436	0.561	261	5.6	1.6	25.961	D
C-AB	105	26	0.00	791	0.133	106	0.4	0.3	6.339	A
C-A	217	54	0.00			217				
A-B	78	20	0.00			78				
A-C	260	65	0.00			260				

2031 Base + DEV | | 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	Use circulating lanes	Junction Delay (s)	Junction LOS
1	untitled	T-Junction	Two-way	Two-way	Two-way		4.92	A

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	4.92	A

Traffic Demand

Demand Set Details

ID	Year	Time period	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)	Run automatically
D6	2031 Base + DEV	PM	ONE HOUR	16:00	17:30	15	✓

Demand overview (Traffic)

Arm	Linked arm	Profile type	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
Ratby Lane S		ONE HOUR	✓	511	100.000
London Road		ONE HOUR	✓	244	100.000
Ratby Lane N		ONE HOUR	✓	518	100.000

Origin-Destination Data

Demand (PCU/hr)

	To			
		Ratby Lane S	London Road	Ratby Lane N
From	Ratby Lane S	0	131	380
	London Road	129	0	115
	Ratby Lane N	366	152	0

Vehicle Mix

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

Heavy Vehicle %

	To			
		Ratby Lane S	London Road	Ratby Lane N
From	Ratby Lane S	0	6	10
	London Road	10	0	19
	Ratby Lane N	8	11	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	0.26	12.04	0.4	B	106	158
B-A	0.44	22.25	0.9	C	118	178
C-AB	0.38	7.61	1.0	A	243	364
C-A					232	349
A-B					120	180
A-C					349	523

Main Results for each time segment

16:00 - 16:15

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	87	22	0.00	567	0.153	86	0.0	0.2	8.888	A
B-A	97	24	0.00	401	0.242	96	0.0	0.3	12.903	B
C-AB	175	44	0.00	796	0.220	173	0.0	0.4	6.347	A
C-A	215	54	0.00			215				
A-B	99	25	0.00			99				
A-C	286	72	0.00			286				

16:15 - 16:30

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	103	26	0.00	536	0.193	103	0.2	0.3	9.885	A
B-A	116	29	0.00	367	0.316	115	0.3	0.5	15.672	C
C-AB	230	58	0.00	815	0.282	229	0.4	0.6	6.761	A
C-A	236	59	0.00			236				
A-B	118	29	0.00			118				
A-C	342	85	0.00			342				

16:30 - 16:45

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	127	32	0.00	484	0.262	126	0.3	0.4	11.957	B
B-A	142	36	0.00	320	0.444	141	0.5	0.8	21.898	C
C-AB	322	81	0.00	843	0.382	321	0.6	1.0	7.575	A
C-A	248	62	0.00			248				
A-B	144	36	0.00			144				
A-C	418	105	0.00			418				

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	127	32	0.00	482	0.263	127	0.4	0.4	12.045	B
B-A	142	36	0.00	320	0.444	142	0.8	0.9	22.247	C
C-AB	323	81	0.00	844	0.383	323	1.0	1.0	7.611	A
C-A	247	62	0.00			247				
A-B	144	36	0.00			144				
A-C	418	105	0.00			418				

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	103	26	0.00	534	0.193	104	0.4	0.3	9.963	A
B-A	116	29	0.00	367	0.316	117	0.9	0.5	15.938	C
C-AB	231	58	0.00	816	0.283	232	1.0	0.6	6.799	A
C-A	235	59	0.00			235				
A-B	118	29	0.00			118				
A-C	342	85	0.00			342				

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	87	22	0.00	565	0.153	87	0.3	0.2	8.956	A
B-A	97	24	0.00	401	0.242	98	0.5	0.4	13.093	B
C-AB	176	44	0.00	797	0.221	177	0.6	0.4	6.394	A
C-A	214	54	0.00			214				
A-B	99	25	0.00			99				
A-C	286	72	0.00			286				

2031 Sensitivity | | 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	Use circulating lanes	Junction Delay (s)	Junction LOS
1	untitled	T-Junction	Two-way	Two-way	Two-way		108.03	F

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	108.03	F

Traffic Demand

Demand Set Details

ID	Year	Time period	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)	Run automatically
D7	2031 Sensitivity	AM	ONE HOUR	07:30	09:00	15	✓

Demand overview (Traffic)

Arm	Linked arm	Profile type	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
Ratby Lane S		ONE HOUR	✓	458	100.000
London Road		ONE HOUR	✓	560	100.000
Ratby Lane N		ONE HOUR	✓	434	100.000

Origin-Destination Data

Demand (PCU/hr)

	To			
		Ratby Lane S	London Road	Ratby Lane N
From	Ratby Lane S	0	112	346
	London Road	333	0	227
	Ratby Lane N	333	101	0

Vehicle Mix

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

Heavy Vehicle %

	To			
		Ratby Lane S	London Road	Ratby Lane N
From	Ratby Lane S	0	29	15
	London Road	17	0	16
	Ratby Lane N	25	18	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	1.13	290.16	19.8	F	208	312
B-A	1.13	269.82	27.9	F	306	458
C-AB	0.24	6.93	0.6	A	152	228
C-A					246	369
A-B					103	154
A-C					317	476

Main Results for each time segment

07:30 - 07:45

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	171	43	0.00	465	0.367	168	0.0	0.7	13.950	B
B-A	251	63	0.00	429	0.584	245	0.0	1.5	22.141	C
C-AB	111	28	0.00	789	0.141	110	0.0	0.3	6.371	A
C-A	215	54	0.00			215				
A-B	84	21	0.00			84				
A-C	260	65	0.00			260				

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	204	51	0.00	356	0.573	201	0.7	1.5	26.359	D
B-A	299	75	0.00	386	0.775	292	1.5	3.4	41.715	E
C-AB	145	36	0.00	806	0.180	145	0.3	0.4	6.556	A
C-A	245	61	0.00			245				
A-B	101	25	0.00			101				
A-C	311	78	0.00			311				

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	250	62	0.00	221	1.131	206	1.5	12.5	155.556	F
B-A	367	92	0.00	328	1.116	314	3.4	16.6	142.726	F
C-AB	200	50	0.00	830	0.241	199	0.4	0.6	6.893	A
C-A	278	69	0.00			278				
A-B	123	31	0.00			123				
A-C	381	95	0.00			381				

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	250	62	0.00	225	1.108	221	12.5	19.8	290.162	F
B-A	367	92	0.00	326	1.126	321	16.6	27.9	269.817	F
C-AB	200	50	0.00	831	0.241	200	0.6	0.6	6.926	A
C-A	278	69	0.00			278				
A-B	123	31	0.00			123				
A-C	381	95	0.00			381				

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	204	51	0.00	244	0.835	231	19.8	13.1	254.346	F
B-A	299	75	0.00	355	0.844	340	27.9	17.7	243.751	F
C-AB	145	36	0.00	806	0.180	146	0.6	0.4	6.612	A
C-A	245	61	0.00			245				
A-B	101	25	0.00			101				
A-C	311	78	0.00			311				

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	171	43	0.00	373	0.458	219	13.1	1.0	35.573	E
B-A	251	63	0.00	409	0.613	313	17.7	2.1	64.063	F
C-AB	112	28	0.00	789	0.142	112	0.4	0.3	6.414	A
C-A	215	54	0.00			215				
A-B	84	21	0.00			84				
A-C	260	65	0.00			260				

2031 Sensitivity | 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	Use circulating lanes	Junction Delay (s)	Junction LOS
1	untitled	T-Junction	Two-way	Two-way	Two-way		6.20	A

Junction Network

Driving side	Lighting	Network delay (s)	Network LOS
Left	Normal/unknown	6.20	A

Traffic Demand

Demand Set Details

ID	Year	Time period	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)	Run automatically
D8	2031 Sensitivity	PM	ONE HOUR	16:00	17:30	15	✓

Demand overview (Traffic)

Arm	Linked arm	Profile type	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
Ratby Lane S		ONE HOUR	✓	520	100.000
London Road		ONE HOUR	✓	267	100.000
Ratby Lane N		ONE HOUR	✓	551	100.000

Origin-Destination Data

Demand (PCU/hr)

	To			
		Ratby Lane S	London Road	Ratby Lane N
From	Ratby Lane S	0	140	380
	London Road	141	0	126
	Ratby Lane N	366	185	0

Vehicle Mix

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

Heavy Vehicle %

	To			
		Ratby Lane S	London Road	Ratby Lane N
From	Ratby Lane S	0	6	10
	London Road	10	0	19
	Ratby Lane N	8	11	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	0.30	13.38	0.5	B	116	173
B-A	0.51	26.60	1.1	D	129	194
C-AB	0.47	8.87	1.4	A	296	444
C-A					209	314
A-B					128	193
A-C					349	523

Main Results for each time segment

16:00 - 16:15

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-C	95	24	0.00	561	0.169	94	0.0	0.2	9.157	A
B-A	106	27	0.00	391	0.271	105	0.0	0.4	13.741	B
C-AB	213	53	0.00	794	0.268	211	0.0	0.6	6.775	A
C-A	202	50	0.00			202				
A-B	105	26	0.00			105				
A-C	286	72	0.00			286				

16:15 - 16:30

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	113	28	0.00	526	0.215	113	0.2	0.3	10.360	B
B-A	127	32	0.00	355	0.357	126	0.4	0.6	17.226	C
C-AB	280	70	0.00	813	0.345	279	0.6	0.8	7.420	A
C-A	215	54	0.00			215				
A-B	126	31	0.00			126				
A-C	342	85	0.00			342				

16:30 - 16:45

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	462	0.300	138	0.3	0.5	13.204	B
B-A	155	39	0.00	304	0.510	153	0.6	1.1	25.901	D
C-AB	393	98	0.00	841	0.468	391	0.8	1.4	8.795	A
C-A	213	53	0.00			213				
A-B	154	39	0.00			154				
A-C	418	105	0.00			418				

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	139	35	0.00	459	0.302	139	0.5	0.5	13.376	B
B-A	155	39	0.00	304	0.511	155	1.1	1.1	26.597	D
C-AB	394	99	0.00	842	0.468	394	1.4	1.4	8.874	A
C-A	212	53	0.00			212				
A-B	154	39	0.00			154				
A-C	418	105	0.00			418				

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	113	28	0.00	523	0.216	114	0.5	0.3	10.482	B
B-A	127	32	0.00	355	0.358	129	1.1	0.6	17.681	C
C-AB	282	70	0.00	815	0.346	284	1.4	0.8	7.494	A
C-A	214	53	0.00			214				
A-B	126	31	0.00			126				
A-C	342	85	0.00			342				

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	95	24	0.00	559	0.170	95	0.3	0.2	9.244	A
B-A	106	27	0.00	391	0.272	107	0.6	0.4	14.007	B
C-AB	214	54	0.00	795	0.270	215	0.8	0.6	6.847	A
C-A	200	50	0.00			200				
A-B	105	26	0.00			105				
A-C	286	72	0.00			286				