

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (Veh)	Max LOS
B-AC	0.20	8.05	0.3	A
C-AB	0.00	0.00	0.0	A
C-A				
A-B				
A-C				

Main Results for each time segment

08:00 - 08:15

Stream	Total Demand (Veh/hr)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-AC	78	572	0.137	78	0.2	7.266	A
C-AB	0	1149	0.000	0	0.0	0.000	A
C-A	0			0			
A-B	90			90			
A-C	44			44			

08:15 - 08:30

Stream	Total Demand (Veh/hr)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-AC	93	568	0.165	93	0.2	7.582	A
C-AB	0	1133	0.000	0	0.0	0.000	A
C-A	0			0			
A-B	108			108			
A-C	53			53			

08:30 - 08:45

Stream	Total Demand (Veh/hr)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-AC	115	562	0.204	114	0.3	8.040	A
C-AB	0	1112	0.000	0	0.0	0.000	A
C-A	0			0			
A-B	132			132			
A-C	65			65			

08:45 - 09:00

Stream	Total Demand (Veh/hr)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-AC	115	562	0.204	115	0.3	8.048	A
C-AB	0	1112	0.000	0	0.0	0.000	A
C-A	0			0			
A-B	132			132			
A-C	65			65			

09:00 - 09:15

Stream	Total Demand (Veh/hr)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-AC	93	568	0.165	94	0.2	7.593	A
C-AB	0	1133	0.000	0	0.0	0.000	A
C-A	0			0			
A-B	108			108			
A-C	53			53			

09:15 - 09:30

Stream	Total Demand (Veh/hr)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-AC	78	572	0.137	78	0.2	7.288	A
C-AB	0	1149	0.000	0	0.0	0.000	A
C-A	0			0			
A-B	90			90			
A-C	44			44			

2024 With Development, AM

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Major road direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	Ashfield Industrial Estate Access	T-Junction	One-way from A to C		2.96	A

Junction Network Options

Driving side	Lighting	Network residual capacity (%)	First arm reaching threshold
Left	Normal/unknown	233	Stream B-AC

Traffic Demand

Demand Set Details

ID	Scenario name	Time Period name	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)
D4	2024 With Development	AM	ONE HOUR	08:00	09:30	15

Vehicle mix source	PCU Factor for a HV (PCU)
HV Percentages	2.00

Demand overview (Traffic)

Arm	Linked arm	Use O-D data	Average Demand (Veh/hr)	Scaling Factor (%)
A		✓	181	100.000
B		✓	105	100.000
C		✓	0	100.000

Origin-Destination Data

Demand (Veh/hr)

		To		
		A	B	C
From	A	0	122	59
	B	0	0	105
	C	0	0	0

Vehicle Mix

Heavy Vehicle Percentages

		To		
		A	B	C
From	A	0	25	25
	B	0	25	25
	C	0	0	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (Veh)	Max LOS
B-AC	0.21	8.07	0.3	A
C-AB	0.00	0.00	0.0	A
C-A				
A-B				
A-C				

Main Results for each time segment

08:00 - 08:15

Stream	Total Demand (Veh/hr)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-AC	79	572	0.138	78	0.2	7.280	A
C-AB	0	1148	0.000	0	0.0	0.000	A
C-A	0			0			
A-B	92			92			
A-C	44			44			

08:15 - 08:30

Stream	Total Demand (Veh/hr)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-AC	94	568	0.166	94	0.2	7.600	A
C-AB	0	1132	0.000	0	0.0	0.000	A
C-A	0			0			
A-B	110			110			
A-C	53			53			

08:30 - 08:45

Stream	Total Demand (Veh/hr)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-AC	116	562	0.206	115	0.3	8.064	A
C-AB	0	1110	0.000	0	0.0	0.000	A
C-A	0			0			
A-B	134			134			
A-C	65			65			

08:45 - 09:00

Stream	Total Demand (Veh/hr)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-AC	116	562	0.206	116	0.3	8.072	A
C-AB	0	1110	0.000	0	0.0	0.000	A
C-A	0			0			
A-B	134			134			
A-C	65			65			

09:00 - 09:15

Stream	Total Demand (Veh/hr)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-AC	94	568	0.166	95	0.2	7.613	A
C-AB	0	1132	0.000	0	0.0	0.000	A
C-A	0			0			
A-B	110			110			
A-C	53			53			

09:15 - 09:30

Stream	Total Demand (Veh/hr)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-AC	79	572	0.138	79	0.2	7.304	A
C-AB	0	1148	0.000	0	0.0	0.000	A
C-A	0			0			
A-B	92			92			
A-C	44			44			

2029 Without Development, AM

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Major road direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	Ashfield Industrial Estate Access	T-Junction	One-way from A to C		3.05	A

Junction Network Options

Driving side	Lighting	Network residual capacity (%)	First arm reaching threshold
Left	Normal/unknown	209	Stream B-AC

Traffic Demand

Demand Set Details

ID	Scenario name	Time Period name	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)
D5	2029 Without Development	AM	ONE HOUR	08:00	09:30	15

Vehicle mix source	PCU Factor for a HV (PCU)
HV Percentages	2.00

Demand overview (Traffic)

Arm	Linked arm	Use O-D data	Average Demand (Veh/hr)	Scaling Factor (%)
A		✓	194	100.000
B		✓	113	100.000
C		✓	0	100.000

Origin-Destination Data

Demand (Veh/hr)

		To		
		A	B	C
From	A	0	130	64
	B	0	0	113
	C	0	0	0

Vehicle Mix

Heavy Vehicle Percentages

		To		
		A	B	C
From	A	0	25	25
	B	0	25	25
	C	0	0	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (Veh)	Max LOS
B-AC	0.22	8.28	0.3	A
C-AB	0.00	0.00	0.0	A
C-A				
A-B				
A-C				

Main Results for each time segment

08:00 - 08:15

Stream	Total Demand (Veh/hr)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-AC	85	571	0.149	84	0.2	7.394	A
C-AB	0	1142	0.000	0	0.0	0.000	A
C-A	0			0			
A-B	98			98			
A-C	48			48			

08:15 - 08:30

Stream	Total Demand (Veh/hr)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-AC	102	566	0.180	101	0.2	7.754	A
C-AB	0	1125	0.000	0	0.0	0.000	A
C-A	0			0			
A-B	117			117			
A-C	58			58			

08:30 - 08:45

Stream	Total Demand (Veh/hr)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-AC	124	559	0.223	124	0.3	8.274	A
C-AB	0	1102	0.000	0	0.0	0.000	A
C-A	0			0			
A-B	143			143			
A-C	70			70			

08:45 - 09:00

Stream	Total Demand (Veh/hr)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-AC	124	559	0.223	124	0.3	8.284	A
C-AB	0	1102	0.000	0	0.0	0.000	A
C-A	0			0			
A-B	143			143			
A-C	70			70			

09:00 - 09:15

Stream	Total Demand (Veh/hr)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-AC	102	566	0.180	102	0.2	7.766	A
C-AB	0	1125	0.000	0	0.0	0.000	A
C-A	0			0			
A-B	117			117			
A-C	58			58			

09:15 - 09:30

Stream	Total Demand (Veh/hr)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-AC	85	571	0.149	85	0.2	7.422	A
C-AB	0	1142	0.000	0	0.0	0.000	A
C-A	0			0			
A-B	98			98			
A-C	48			48			

2029 With Development, AM

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Major road direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	Ashfield Industrial Estate Access	T-Junction	One-way from A to C		3.06	A

Junction Network Options

Driving side	Lighting	Network residual capacity (%)	First arm reaching threshold
Left	Normal/unknown	207	Stream B-AC

Traffic Demand

Demand Set Details

ID	Scenario name	Time Period name	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)
D6	2029 With Development	AM	ONE HOUR	08:00	09:30	15

Vehicle mix source	PCU Factor for a HV (PCU)
HV Percentages	2.00

Demand overview (Traffic)

Arm	Linked arm	Use O-D data	Average Demand (Veh/hr)	Scaling Factor (%)
A		✓	196	100.000
B		✓	114	100.000
C		✓	0	100.000

Origin-Destination Data

Demand (Veh/hr)

		To		
		A	B	C
From	A	0	132	64
	B	0	0	114
	C	0	0	0

Vehicle Mix

Heavy Vehicle Percentages

		To		
		A	B	C
From	A	0	25	25
	B	0	25	25
	C	0	0	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (Veh)	Max LOS
B-AC	0.22	8.31	0.3	A
C-AB	0.00	0.00	0.0	A
C-A				
A-B				
A-C				

Main Results for each time segment

08:00 - 08:15

Stream	Total Demand (Veh/hr)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-AC	86	570	0.150	85	0.2	7.408	A
C-AB	0	1141	0.000	0	0.0	0.000	A
C-A	0			0			
A-B	99			99			
A-C	48			48			

08:15 - 08:30

Stream	Total Demand (Veh/hr)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-AC	102	565	0.181	102	0.2	7.772	A
C-AB	0	1124	0.000	0	0.0	0.000	A
C-A	0			0			
A-B	119			119			
A-C	58			58			

08:30 - 08:45

Stream	Total Demand (Veh/hr)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-AC	126	559	0.225	125	0.3	8.300	A
C-AB	0	1101	0.000	0	0.0	0.000	A
C-A	0			0			
A-B	145			145			
A-C	70			70			

08:45 - 09:00

Stream	Total Demand (Veh/hr)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-AC	126	559	0.225	126	0.3	8.310	A
C-AB	0	1101	0.000	0	0.0	0.000	A
C-A	0			0			
A-B	145			145			
A-C	70			70			

09:00 - 09:15

Stream	Total Demand (Veh/hr)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-AC	102	565	0.181	103	0.2	7.785	A
C-AB	0	1124	0.000	0	0.0	0.000	A
C-A	0			0			
A-B	119			119			
A-C	58			58			

09:15 - 09:30

Stream	Total Demand (Veh/hr)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-AC	86	570	0.150	86	0.2	7.434	A
C-AB	0	1141	0.000	0	0.0	0.000	A
C-A	0			0			
A-B	99			99			
A-C	48			48			