

Heavy Vehicle Percentages

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
08:45 - 09:00	From			
		A - Quarry Access S	0	0
		B - Quarry Access	0	61
		C - Quarry Access N	34	0

Heavy Vehicle Percentages

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
09:00 - 09:15	From			
		A - Quarry Access S	0	0
		B - Quarry Access	0	80
		C - Quarry Access N	0	58

Heavy Vehicle Percentages

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
09:15 - 09:30	From			
		A - Quarry Access S	0	100
		B - Quarry Access	0	100
		C - Quarry Access N	100	0

Heavy Vehicle Percentages

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
09:30 - 09:45	From			
		A - Quarry Access S	0	34
		B - Quarry Access	0	100
		C - Quarry Access N	0	67

Heavy Vehicle Percentages

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
09:45 - 10:00	From			
		A - Quarry Access S	0	0
		B - Quarry Access	0	61
		C - Quarry Access N	0	88

Heavy Vehicle Percentages

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
10:00 - 10:15	From			
		A - Quarry Access S	0	0
		B - Quarry Access	0	88
		C - Quarry Access N	51	84

Heavy Vehicle Percentages

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
10:15 - 10:30	From			
		A - Quarry Access S	0	34
		B - Quarry Access	0	100
		C - Quarry Access N	0	84

Heavy Vehicle Percentages

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
10:30 - 10:45	From			
		A - Quarry Access S	0	0
		B - Quarry Access	0	43
		C - Quarry Access N	0	84

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Heavy Vehicle Percentages

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
10:45 - 11:00	From			
		A - Quarry Access S	0	0
		B - Quarry Access	0	100
		C - Quarry Access N	20	0

Heavy Vehicle Percentages

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
11:00 - 11:15	From			
		A - Quarry Access S	0	0
		B - Quarry Access	0	67
		C - Quarry Access N	20	0

Heavy Vehicle Percentages

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
11:15 - 11:30	From			
		A - Quarry Access S	0	25
		B - Quarry Access	0	100
		C - Quarry Access N	0	41

Heavy Vehicle Percentages

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
11:30 - 11:45	From			
		A - Quarry Access S	0	0
		B - Quarry Access	0	84
		C - Quarry Access N	0	61

Heavy Vehicle Percentages

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
11:45 - 12:00	From			
		A - Quarry Access S	0	51
		B - Quarry Access	0	41
		C - Quarry Access N	0	75

Heavy Vehicle Percentages

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
12:00 - 12:15	From			
		A - Quarry Access S	0	0
		B - Quarry Access	0	100
		C - Quarry Access N	15	67

Heavy Vehicle Percentages

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
12:15 - 12:30	From			
		A - Quarry Access S	0	0
		B - Quarry Access	0	100
		C - Quarry Access N	0	100

Heavy Vehicle Percentages

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
12:30 - 12:45	From			
		A - Quarry Access S	0	0
		B - Quarry Access	0	100
		C - Quarry Access N	0	100

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Heavy Vehicle Percentages

12:45 - 13:00

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
From	A - Quarry Access S	0	0	67
	B - Quarry Access	0	0	100
	C - Quarry Access N	0	67	0

Heavy Vehicle Percentages

13:00 - 13:15

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
From	A - Quarry Access S	0	0	0
	B - Quarry Access	0	0	67
	C - Quarry Access N	25	100	0

Heavy Vehicle Percentages

13:15 - 13:30

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
From	A - Quarry Access S	0	0	0
	B - Quarry Access	0	0	100
	C - Quarry Access N	34	100	0

Heavy Vehicle Percentages

13:30 - 13:45

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
From	A - Quarry Access S	0	0	0
	B - Quarry Access	0	0	67
	C - Quarry Access N	0	51	0

Heavy Vehicle Percentages

13:45 - 14:00

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
From	A - Quarry Access S	0	0	0
	B - Quarry Access	0	0	100
	C - Quarry Access N	0	84	0

Heavy Vehicle Percentages

14:00 - 14:15

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
From	A - Quarry Access S	0	0	0
	B - Quarry Access	0	0	38
	C - Quarry Access N	0	88	0

Heavy Vehicle Percentages

14:15 - 14:30

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
From	A - Quarry Access S	0	0	0
	B - Quarry Access	0	0	100
	C - Quarry Access N	0	51	0

Heavy Vehicle Percentages

14:30 - 14:45

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
From	A - Quarry Access S	0	0	20
	B - Quarry Access	0	0	72
	C - Quarry Access N	0	61	0

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Heavy Vehicle Percentages

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
14:45 - 15:00	From			
		A - Quarry Access S	0	0
		B - Quarry Access	0	58
		C - Quarry Access N	0	100

Heavy Vehicle Percentages

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
15:00 - 15:15	From			
		A - Quarry Access S	0	0
		B - Quarry Access	0	100
		C - Quarry Access N	0	100

Heavy Vehicle Percentages

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
15:15 - 15:30	From			
		A - Quarry Access S	0	0
		B - Quarry Access	0	100
		C - Quarry Access N	0	100

Heavy Vehicle Percentages

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
15:30 - 15:45	From			
		A - Quarry Access S	0	20
		B - Quarry Access	0	100
		C - Quarry Access N	0	0

Heavy Vehicle Percentages

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
15:45 - 16:00	From			
		A - Quarry Access S	0	0
		B - Quarry Access	0	100
		C - Quarry Access N	0	100

Heavy Vehicle Percentages

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
16:00 - 16:15	From			
		A - Quarry Access S	0	0
		B - Quarry Access	0	100
		C - Quarry Access N	0	100

Heavy Vehicle Percentages

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
16:15 - 16:30	From			
		A - Quarry Access S	0	0
		B - Quarry Access	0	100
		C - Quarry Access N	0	100

Heavy Vehicle Percentages

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
16:30 - 16:45	From			
		A - Quarry Access S	0	0
		B - Quarry Access	0	20
		C - Quarry Access N	0	75

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Heavy Vehicle Percentages

16:45 - 17:00

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
From				
	A - Quarry Access S	0	0	0
	B - Quarry Access	0	0	61
	C - Quarry Access N	0	0	0

Heavy Vehicle Percentages

17:00 - 17:15

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
From				
	A - Quarry Access S	0	0	0
	B - Quarry Access	0	0	0
	C - Quarry Access N	0	100	0

Heavy Vehicle Percentages

17:15 - 17:30

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
From				
	A - Quarry Access S	0	0	0
	B - Quarry Access	0	0	0
	C - Quarry Access N	0	100	0

Heavy Vehicle Percentages

17:30 - 17:45

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
From				
	A - Quarry Access S	0	0	0
	B - Quarry Access	0	0	34
	C - Quarry Access N	0	67	0

Heavy Vehicle Percentages

17:45 - 18:00

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
From				
	A - Quarry Access S	0	0	0
	B - Quarry Access	0	0	25
	C - Quarry Access N	0	100	0

Heavy Vehicle Percentages

18:00 - 18:15

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
From				
	A - Quarry Access S	0	0	0
	B - Quarry Access	0	0	100
	C - Quarry Access N	0	0	0

Heavy Vehicle Percentages

18:15 - 18:30

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
From				
	A - Quarry Access S	0	0	0
	B - Quarry Access	0	0	51
	C - Quarry Access N	0	51	0

Heavy Vehicle Percentages

18:30 - 18:45

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
From				
	A - Quarry Access S	0	0	0
	B - Quarry Access	0	0	0
	C - Quarry Access N	0	100	0

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Heavy Vehicle Percentages

18:45 - 19:00

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
	From	A - Quarry Access S	0	0
		B - Quarry Access	0	0
		C - Quarry Access N	0	0

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Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (Veh)	Max LOS	Average Demand (Veh/TS)	Total Junction Arrivals (Veh)
B-C	0.09	10.68	0.1	B	4.79	229.88
B-A	0.01	7.58	0.0	A	0.02	1.03
C-AB	0.16	12.50	0.2	B	4.77	229.09
C-A					2.02	96.98
A-B					0.02	1.03
A-C					2.22	106.74

Main Results for each time segment

07:00 - 07:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	5.27	5.27	102.75	0.051	5.22	0.0	0.1	9.223	A
B-A	0.00	0.00	122.10	0.000	0.00	0.0	0.0	0.000	A
C-AB	5.22	5.22	110.30	0.047	5.17	0.0	0.0	8.557	A
C-A	0.00	0.00			0.00				
A-B	0.00	0.00			0.00				
A-C	0.00	0.00			0.00				

07:15 - 07:30

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	4.24	4.24	92.79	0.046	4.25	0.1	0.0	9.599	A
B-A	0.00	0.00	119.86	0.000	0.00	0.0	0.0	0.000	A
C-AB	8.43	8.43	88.49	0.095	8.38	0.0	0.1	10.306	B
C-A	0.00	0.00			0.00				
A-B	0.00	0.00			0.00				
A-C	0.00	0.00			0.00				

07:30 - 07:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	7.42	7.42	92.68	0.080	7.38	0.0	0.1	10.547	B
B-A	0.00	0.00	118.55	0.000	0.00	0.0	0.0	0.000	A
C-AB	9.54	9.54	77.63	0.123	9.50	0.1	0.1	12.363	B
C-A	0.00	0.00			0.00				
A-B	0.00	0.00			0.00				
A-C	0.00	0.00			0.00				

07:45 - 08:00

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	5.30	5.30	92.68	0.057	5.32	0.1	0.1	10.305	B
B-A	0.00	0.00	119.43	0.000	0.00	0.0	0.0	0.000	A
C-AB	7.86	7.86	87.47	0.090	7.88	0.1	0.1	12.017	B
C-A	4.70	4.70			4.70				
A-B	0.00	0.00			0.00				
A-C	0.00	0.00			0.00				

08:00 - 08:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	8.48	8.48	92.68	0.091	8.44	0.1	0.1	10.680	B
B-A	0.00	0.00	122.20	0.000	0.00	0.0	0.0	0.000	A
C-AB	3.22	3.22	78.65	0.041	3.29	0.1	0.0	11.199	B
C-A	0.99	0.99			0.99				
A-B	0.00	0.00			0.00				
A-C	0.00	0.00			0.00				

08:15 - 08:30

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	7.42	7.42	92.54	0.080	7.43	0.1	0.1	10.577	B
B-A	0.00	0.00	120.89	0.000	0.00	0.0	0.0	0.000	A
C-AB	5.30	5.30	77.43	0.068	5.27	0.0	0.1	12.433	B
C-A	0.00	0.00			0.00				
A-B	0.00	0.00			0.00				
A-C	1.03	1.03			1.03				

08:30 - 08:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	5.27	5.27	102.57	0.051	5.30	0.1	0.1	9.859	A
B-A	0.00	0.00	122.67	0.000	0.00	0.0	0.0	0.000	A
C-AB	3.15	3.15	92.33	0.034	3.19	0.1	0.0	11.338	B
C-A	0.00	0.00			0.00				
A-B	0.00	0.00			0.00				
A-C	0.00	0.00			0.00				

08:45 - 09:00

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	5.25	5.25	115.27	0.045	5.25	0.1	0.1	8.700	A
B-A	0.00	0.00	121.82	0.000	0.00	0.0	0.0	0.000	A
C-AB	3.31	3.31	80.10	0.041	3.31	0.0	0.0	10.831	B
C-A	3.00	3.00			3.00				
A-B	0.00	0.00			0.00				
A-C	0.00	0.00			0.00				

09:00 - 09:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	5.27	5.27	102.56	0.051	5.27	0.1	0.1	8.727	A
B-A	0.00	0.00	120.24	0.000	0.00	0.0	0.0	0.000	A
C-AB	7.42	7.42	98.69	0.075	7.37	0.0	0.1	10.680	B
C-A	0.96	0.96			0.96				
A-B	0.00	0.00			0.00				
A-C	2.07	2.07			2.07				

09:15 - 09:30

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	4.24	4.24	92.51	0.046	4.24	0.1	0.0	9.629	A
B-A	0.00	0.00	119.73	0.000	0.00	0.0	0.0	0.000	A
C-AB	6.45	6.45	78.23	0.083	6.45	0.1	0.1	11.025	B
C-A	0.97	0.97			0.97				
A-B	0.00	0.00			0.00				
A-C	1.06	1.06			1.06				

09:30 - 09:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	7.42	7.42	92.13	0.081	7.38	0.0	0.1	10.615	B
B-A	0.00	0.00	119.95	0.000	0.00	0.0	0.0	0.000	A
C-AB	6.45	6.45	93.61	0.069	6.45	0.1	0.1	11.449	B
C-A	1.92	1.92			1.92				
A-B	0.00	0.00			0.00				
A-C	3.13	3.13			3.13				

09:45 - 10:00

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	5.25	5.25	114.79	0.046	5.28	0.1	0.1	9.429	A
B-A	0.00	0.00	118.89	0.000	0.00	0.0	0.0	0.000	A
C-AB	8.77	8.77	85.10	0.103	8.75	0.1	0.1	11.231	B
C-A	2.78	2.78			2.78				
A-B	0.00	0.00			0.00				
A-C	1.03	1.03			1.03				

10:00 - 10:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	8.45	8.45	98.81	0.086	8.42	0.1	0.1	9.363	A
B-A	0.00	0.00	120.35	0.000	0.00	0.0	0.0	0.000	A
C-AB	6.49	6.49	85.93	0.076	6.52	0.1	0.1	11.402	B
C-A	1.93	1.93			1.93				
A-B	0.00	0.00			0.00				
A-C	0.00	0.00			0.00				

10:15 - 10:30

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	6.36	6.36	92.20	0.069	6.37	0.1	0.1	10.105	B
B-A	0.00	0.00	119.63	0.000	0.00	0.0	0.0	0.000	A
C-AB	6.49	6.49	85.62	0.076	6.49	0.1	0.1	11.417	B
C-A	1.91	1.91			1.91				
A-B	0.00	0.00			0.00				
A-C	3.13	3.13			3.13				

10:30 - 10:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	7.32	7.32	127.97	0.057	7.32	0.1	0.1	8.887	A
B-A	1.03	1.03	119.78	0.009	1.03	0.0	0.0	7.578	A
C-AB	6.57	6.57	86.60	0.076	6.57	0.1	0.1	11.280	B
C-A	2.86	2.86			2.86				
A-B	1.03	1.03			1.03				
A-C	2.07	2.07			2.07				

10:45 - 11:00

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	4.24	4.24	92.30	0.046	4.27	0.1	0.0	8.365	A
B-A	0.00	0.00	120.20	0.000	0.01	0.0	0.0	0.000	A
C-AB	4.41	4.41	105.44	0.042	4.44	0.1	0.1	10.058	B
C-A	4.97	4.97			4.97				
A-B	0.00	0.00			0.00				
A-C	6.20	6.20			6.20				

11:00 - 11:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	6.31	6.31	110.39	0.057	6.28	0.0	0.1	9.356	A
B-A	0.00	0.00	115.75	0.000	0.00	0.0	0.0	0.000	A
C-AB	13.52	13.52	84.75	0.160	13.39	0.1	0.2	11.860	B
C-A	4.36	4.36			4.36				
A-B	0.00	0.00			0.00				
A-C	2.07	2.07			2.07				

11:15 - 11:30

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	8.48	8.48	92.11	0.092	8.45	0.1	0.1	9.945	A
B-A	0.00	0.00	120.64	0.000	0.00	0.0	0.0	0.000	A
C-AB	5.33	5.33	109.83	0.048	5.44	0.2	0.1	10.754	B
C-A	1.96	1.96			1.96				
A-B	0.00	0.00			0.00				
A-C	4.16	4.16			4.16				

11:30 - 11:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	6.33	6.33	100.20	0.063	6.35	0.1	0.1	10.103	B
B-A	0.00	0.00	120.34	0.000	0.00	0.0	0.0	0.000	A
C-AB	5.48	5.48	99.41	0.055	5.49	0.1	0.1	9.022	A
C-A	3.91	3.91			3.91				
A-B	0.00	0.00			0.00				
A-C	4.14	4.14			4.14				

11:45 - 12:00

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	5.22	5.22	130.70	0.040	5.24	0.1	0.0	8.403	A
B-A	0.00	0.00	121.13	0.000	0.00	0.0	0.0	0.000	A
C-AB	4.31	4.31	89.77	0.048	4.32	0.1	0.0	9.989	A
C-A	1.97	1.97			1.97				
A-B	0.00	0.00			0.00				
A-C	2.09	2.09			2.09				

12:00 - 12:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	6.36	6.36	92.89	0.069	6.34	0.0	0.1	8.939	A
B-A	0.00	0.00	120.02	0.000	0.00	0.0	0.0	0.000	A
C-AB	6.81	6.81	98.26	0.069	6.78	0.0	0.1	10.091	B
C-A	6.76	6.76			6.76				
A-B	0.00	0.00			0.00				
A-C	0.00	0.00			0.00				

12:15 - 12:30

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	3.18	3.18	91.86	0.035	3.21	0.1	0.0	10.155	B
B-A	0.00	0.00	119.66	0.000	0.00	0.0	0.0	0.000	A
C-AB	5.37	5.37	77.93	0.069	5.38	0.1	0.1	11.122	B
C-A	0.96	0.96			0.96				
A-B	0.00	0.00			0.00				
A-C	6.20	6.20			6.20				

12:30 - 12:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	1.06	1.06	92.00	0.012	1.08	0.0	0.0	9.901	A
B-A	0.00	0.00	119.10	0.000	0.00	0.0	0.0	0.000	A
C-AB	6.53	6.53	78.69	0.083	6.51	0.1	0.1	12.504	B
C-A	1.89	1.89			1.89				
A-B	0.00	0.00			0.00				
A-C	5.17	5.17			5.17				

12:45 - 13:00

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	3.18	3.18	91.99	0.035	3.16	0.0	0.0	10.129	B
B-A	0.00	0.00	121.56	0.000	0.00	0.0	0.0	0.000	A
C-AB	3.15	3.15	91.58	0.034	3.20	0.1	0.0	11.417	B
C-A	0.00	0.00			0.00				
A-B	0.00	0.00			0.00				
A-C	3.15	3.15			3.15				

13:00 - 13:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	3.15	3.15	110.29	0.029	3.16	0.0	0.0	9.235	A
B-A	0.00	0.00	119.36	0.000	0.00	0.0	0.0	0.000	A
C-AB	6.71	6.71	80.65	0.083	6.66	0.0	0.1	11.546	B
C-A	3.81	3.81			3.81				
A-B	0.00	0.00			0.00				
A-C	2.07	2.07			2.07				

13:15 - 13:30

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	8.48	8.48	92.74	0.091	8.42	0.0	0.1	10.153	B
B-A	0.00	0.00	121.16	0.000	0.00	0.0	0.0	0.000	A
C-AB	4.41	4.41	79.97	0.055	4.44	0.1	0.1	11.875	B
C-A	2.95	2.95			2.95				
A-B	0.00	0.00			0.00				
A-C	0.00	0.00			0.00				

13:30 - 13:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	6.31	6.31	110.53	0.057	6.33	0.1	0.1	9.647	A
B-A	0.00	0.00	122.24	0.000	0.00	0.0	0.0	0.000	A
C-AB	4.23	4.23	103.30	0.041	4.24	0.1	0.1	10.572	B
C-A	0.99	0.99			0.99				
A-B	0.00	0.00			0.00				
A-C	0.00	0.00			0.00				

13:45 - 14:00

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	2.12	2.12	92.48	0.023	2.17	0.1	0.0	8.766	A
B-A	0.00	0.00	119.44	0.000	0.00	0.0	0.0	0.000	A
C-AB	6.49	6.49	85.62	0.076	6.46	0.1	0.1	10.546	B
C-A	1.91	1.91			1.91				
A-B	0.00	0.00			0.00				
A-C	5.17	5.17			5.17				

14:00 - 14:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	8.35	8.35	133.70	0.062	8.30	0.0	0.1	7.863	A
B-A	0.00	0.00	118.54	0.000	0.00	0.0	0.0	0.000	A
C-AB	8.88	8.88	85.75	0.104	8.84	0.1	0.1	11.641	B
C-A	3.70	3.70			3.70				
A-B	0.00	0.00			0.00				
A-C	2.07	2.07			2.07				

14:15 - 14:30

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	6.36	6.36	92.60	0.069	6.37	0.1	0.1	8.525	A
B-A	0.00	0.00	120.35	0.000	0.00	0.0	0.0	0.000	A
C-AB	6.48	6.48	104.50	0.062	6.51	0.1	0.1	10.462	B
C-A	2.91	2.91			2.91				
A-B	0.00	0.00			0.00				
A-C	3.10	3.10			3.10				

14:30 - 14:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	7.37	7.37	106.71	0.069	7.35	0.1	0.1	9.780	A
B-A	0.00	0.00	119.89	0.000	0.00	0.0	0.0	0.000	A
C-AB	5.48	5.48	99.07	0.055	5.50	0.1	0.1	9.316	A
C-A	3.90	3.90			3.90				
A-B	0.00	0.00			0.00				
A-C	5.20	5.20			5.20				

14:45 - 15:00

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	7.34	7.34	116.19	0.063	7.35	0.1	0.1	8.659	A
B-A	0.00	0.00	119.68	0.000	0.00	0.0	0.0	0.000	A
C-AB	4.47	4.47	80.40	0.056	4.48	0.1	0.1	10.588	B
C-A	3.90	3.90			3.90				
A-B	0.00	0.00			0.00				
A-C	7.24	7.24			7.24				

15:00 - 15:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	4.24	4.24	92.60	0.046	4.27	0.1	0.0	8.803	A
B-A	0.00	0.00	122.71	0.000	0.00	0.0	0.0	0.000	A
C-AB	1.09	1.09	79.01	0.014	1.13	0.1	0.0	11.450	B
C-A	2.04	2.04			2.04				
A-B	0.00	0.00			0.00				
A-C	3.10	3.10			3.10				

15:15 - 15:30

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	4.24	4.24	92.13	0.046	4.23	0.0	0.0	10.238	B
B-A	0.00	0.00	118.45	0.000	0.00	0.0	0.0	0.000	A
C-AB	7.82	7.82	80.51	0.097	7.73	0.0	0.1	12.371	B
C-A	3.73	3.73			3.73				
A-B	0.00	0.00			0.00				
A-C	4.14	4.14			4.14				

15:30 - 15:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	4.24	4.24	91.86	0.046	4.24	0.0	0.0	10.271	B
B-A	0.00	0.00	121.93	0.000	0.00	0.0	0.0	0.000	A
C-AB	1.08	1.08	144.35	0.007	1.17	0.1	0.0	10.661	B
C-A	5.13	5.13			5.13				
A-B	0.00	0.00			0.00				
A-C	5.20	5.20			5.20				

15:45 - 16:00

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	3.18	3.18	92.27	0.034	3.19	0.0	0.0	10.104	B
B-A	0.00	0.00	122.87	0.000	0.00	0.0	0.0	0.000	A
C-AB	1.07	1.07	78.58	0.014	1.08	0.0	0.0	8.754	A
C-A	1.02	1.02			1.02				
A-B	0.00	0.00			0.00				
A-C	3.10	3.10			3.10				

16:00 - 16:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	2.12	2.12	92.13	0.023	2.13	0.0	0.0	10.002	B
B-A	0.00	0.00	121.25	0.000	0.00	0.0	0.0	0.000	A
C-AB	3.26	3.26	78.80	0.041	3.23	0.0	0.0	11.925	B
C-A	1.98	1.98			1.98				
A-B	0.00	0.00			0.00				
A-C	4.14	4.14			4.14				

16:15 - 16:30

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	2.12	2.12	92.54	0.023	2.12	0.0	0.0	9.952	A
B-A	0.00	0.00	123.01	0.000	0.00	0.0	0.0	0.000	A
C-AB	1.10	1.10	80.03	0.014	1.13	0.0	0.0	11.469	B
C-A	3.06	3.06			3.06				
A-B	0.00	0.00			0.00				
A-C	1.03	1.03			1.03				

16:30 - 16:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	5.20	5.20	152.60	0.034	5.18	0.0	0.0	7.301	A
B-A	0.00	0.00	121.08	0.000	0.00	0.0	0.0	0.000	A
C-AB	4.26	4.26	88.66	0.048	4.23	0.0	0.1	10.932	B
C-A	0.98	0.98			0.98				
A-B	0.00	0.00			0.00				
A-C	4.14	4.14			4.14				

16:45 - 17:00

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	5.25	5.25	115.48	0.046	5.25	0.0	0.0	7.119	A
B-A	0.00	0.00	123.78	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	90.35	0.000	0.05	0.1	0.0	10.068	B
C-A	2.07	2.07			2.07				
A-B	0.00	0.00			0.00				
A-C	1.03	1.03			1.03				

17:00 - 17:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	114.75	0.000	0.04	0.0	0.0	0.000	A
B-A	0.00	0.00	122.66	0.000	0.00	0.0	0.0	0.000	A
C-AB	1.07	1.07	77.94	0.014	1.06	0.0	0.0	11.699	B
C-A	1.02	1.02			1.02				
A-B	0.00	0.00			0.00				
A-C	4.14	4.14			4.14				

17:15 - 17:30

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	152.41	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	135.49	0.000	0.00	0.0	0.0	0.000	A
C-AB	1.09	1.09	79.14	0.014	1.09	0.0	0.0	11.567	B
C-A	2.04	2.04			2.04				
A-B	0.00	0.00			0.00				
A-C	1.03	1.03			1.03				

17:30 - 17:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	3.13	3.13	138.45	0.023	3.10	0.0	0.0	7.499	A
B-A	0.00	0.00	122.71	0.000	0.00	0.0	0.0	0.000	A
C-AB	3.15	3.15	92.67	0.034	3.13	0.0	0.0	10.523	B
C-A	0.00	0.00			0.00				
A-B	0.00	0.00			0.00				
A-C	0.00	0.00			0.00				

17:45 - 18:00

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	4.16	4.16	147.68	0.028	4.16	0.0	0.0	6.453	A
B-A	0.00	0.00	123.64	0.000	0.00	0.0	0.0	0.000	A
C-AB	1.06	1.06	77.97	0.014	1.08	0.0	0.0	10.313	B
C-A	0.00	0.00			0.00				
A-B	0.00	0.00			0.00				
A-C	0.00	0.00			0.00				

18:00 - 18:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	2.12	2.12	92.89	0.023	2.13	0.0	0.0	7.466	A
B-A	0.00	0.00	123.54	0.000	0.00	0.0	0.0	0.000	A
C-AB	1.03	1.03	152.81	0.007	1.04	0.0	0.0	8.855	A
C-A	0.00	0.00			0.00				
A-B	0.00	0.00			0.00				
A-C	2.07	2.07			2.07				

18:15 - 18:30

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	2.09	2.09	122.73	0.017	2.09	0.0	0.0	8.691	A
B-A	0.00	0.00	123.21	0.000	0.00	0.0	0.0	0.000	A
C-AB	2.11	2.11	103.93	0.020	2.11	0.0	0.0	7.865	A
C-A	1.01	1.01			1.01				
A-B	0.00	0.00			0.00				
A-C	0.00	0.00			0.00				

18:30 - 18:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	1.03	1.03	183.04	0.006	1.05	0.0	0.0	6.571	A
B-A	0.00	0.00	123.22	0.000	0.00	0.0	0.0	0.000	A
C-AB	1.06	1.06	77.65	0.014	1.07	0.0	0.0	9.821	A
C-A	0.00	0.00			0.00				
A-B	0.00	0.00			0.00				
A-C	2.07	2.07			2.07				

18:45 - 19:00

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	185.35	0.000	0.01	0.0	0.0	0.000	A
B-A	0.00	0.00	123.67	0.000	0.00	0.0	0.0	0.000	A
C-AB	2.07	2.07	154.20	0.013	2.06	0.0	0.0	7.910	A
C-A	0.00	0.00			0.00				
A-B	0.00	0.00			0.00				
A-C	0.00	0.00			0.00				

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2032,

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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	Father O'Keefe/ L3619	T-Junction	Two-way		9.27	A

Junction Network Options

Driving side	Lighting
Left	Normal/unknown

Traffic Demand

Demand Set Details

ID	Scenario name	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time period length (min)	Time segment length (min)	Run automatically
D2	2032	DIRECT	07:00	19:00	720	15	✓

Vehicle mix varies over time	Vehicle mix varies over turn	Vehicle mix varies over entry	Vehicle mix source	PCU Factor for a HV (PCU)	O-D data varies over time
✓	✓	✓	HV Percentages	2.00	✓

Demand overview (Traffic)

Arm	Linked arm	Profile type	Use O-D data	Scaling Factor (%)
A - Quarry Access S		DIRECT	✓	100.000
B - Quarry Access		DIRECT	✓	100.000
C - Quarry Access N		DIRECT	✓	100.000

Origin-Destination Data

Demand (Veh/TS)

07:00 - 07:15	From	To		
			A - Quarry Access S	B - Quarry Access
		A - Quarry Access S	0.00	0.00
		B - Quarry Access	0.00	5.79
		C - Quarry Access N	0.00	0.00

Demand (Veh/TS)

07:15 - 07:30	From	To		
			A - Quarry Access S	B - Quarry Access
		A - Quarry Access S	0.00	0.00
		B - Quarry Access	0.00	4.70
		C - Quarry Access N	0.00	9.24

Demand (Veh/TS)

07:30 - 07:45	From	To		
			A - Quarry Access S	B - Quarry Access
		A - Quarry Access S	0.00	0.00
		B - Quarry Access	0.00	8.22
		C - Quarry Access N	0.00	10.56

Demand (Veh/TS)

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
07:45 - 08:00	From			
		A - Quarry Access S	0.00	0.00
		B - Quarry Access	0.00	5.87
		C - Quarry Access N	5.49	0.00

Demand (Veh/TS)

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
08:00 - 08:15	From			
		A - Quarry Access S	0.00	0.00
		B - Quarry Access	0.00	9.39
		C - Quarry Access N	1.10	0.00

Demand (Veh/TS)

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
08:15 - 08:30	From			
		A - Quarry Access S	0.00	1.10
		B - Quarry Access	0.00	8.22
		C - Quarry Access N	0.00	0.00

Demand (Veh/TS)

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
08:30 - 08:45	From			
		A - Quarry Access S	0.00	0.00
		B - Quarry Access	0.00	5.79
		C - Quarry Access N	0.00	0.00

Demand (Veh/TS)

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
08:45 - 09:00	From			
		A - Quarry Access S	0.00	0.00
		B - Quarry Access	0.00	5.72
		C - Quarry Access N	3.37	0.00

Demand (Veh/TS)

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
09:00 - 09:15	From			
		A - Quarry Access S	0.00	2.20
		B - Quarry Access	0.00	5.79
		C - Quarry Access N	1.10	0.00

Demand (Veh/TS)

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
09:15 - 09:30	From			
		A - Quarry Access S	0.00	1.17
		B - Quarry Access	0.00	4.70
		C - Quarry Access N	1.17	0.00

Demand (Veh/TS)

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
09:30 - 09:45	From			
		A - Quarry Access S	0.00	3.37
		B - Quarry Access	0.00	8.22
		C - Quarry Access N	2.20	0.00

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Demand (Veh/TS)

09:45 - 10:00		To			
	From		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
		A - Quarry Access S	0.00	0.00	1.10
		B - Quarry Access	0.00	0.00	5.72
		C - Quarry Access N	3.30	9.32	0.00

Demand (Veh/TS)

10:00 - 10:15		To			
	From		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
		A - Quarry Access S	0.00	0.00	0.00
		B - Quarry Access	0.00	0.00	9.32
		C - Quarry Access N	2.27	6.97	0.00

Demand (Veh/TS)

10:15 - 10:30		To			
	From		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
		A - Quarry Access S	0.00	0.00	3.37
		B - Quarry Access	0.00	0.00	7.04
		C - Quarry Access N	2.20	6.97	0.00

Demand (Veh/TS)

10:30 - 10:45		To			
	From		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
		A - Quarry Access S	0.00	1.10	2.20
		B - Quarry Access	1.10	0.00	7.92
		C - Quarry Access N	3.30	6.97	0.00

Demand (Veh/TS)

10:45 - 11:00		To			
	From		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
		A - Quarry Access S	0.00	0.00	6.59
		B - Quarry Access	0.00	0.00	4.70
		C - Quarry Access N	5.57	4.54	0.00

Demand (Veh/TS)

11:00 - 11:15		To			
	From		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
		A - Quarry Access S	0.00	0.00	2.20
		B - Quarry Access	0.00	0.00	6.89
		C - Quarry Access N	5.57	14.01	0.00

Demand (Veh/TS)

11:15 - 11:30		To			
	From		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
		A - Quarry Access S	0.00	0.00	4.47
		B - Quarry Access	0.00	0.00	9.39
		C - Quarry Access N	2.20	5.64	0.00

Demand (Veh/TS)

11:30 - 11:45		To			
	From		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
		A - Quarry Access S	0.00	0.00	4.39
		B - Quarry Access	0.00	0.00	6.97
		C - Quarry Access N	4.39	5.72	0.00

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Demand (Veh/TS)

11:45 - 12:00	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
	From	A - Quarry Access S	0.00	0.00
		B - Quarry Access	0.00	5.64
		C - Quarry Access N	2.20	4.62
				0.00

Demand (Veh/TS)

12:00 - 12:15	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
	From	A - Quarry Access S	0.00	0.00
		B - Quarry Access	0.00	7.04
		C - Quarry Access N	7.76	6.89
				0.00

Demand (Veh/TS)

12:15 - 12:30	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
	From	A - Quarry Access S	0.00	0.00
		B - Quarry Access	0.00	3.52
		C - Quarry Access N	1.10	5.87
				0.00

Demand (Veh/TS)

12:30 - 12:45	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
	From	A - Quarry Access S	0.00	0.00
		B - Quarry Access	0.00	1.17
		C - Quarry Access N	2.20	7.04
				0.00

Demand (Veh/TS)

12:45 - 13:00	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
	From	A - Quarry Access S	0.00	0.00
		B - Quarry Access	0.00	3.52
		C - Quarry Access N	0.00	3.45
				0.00

Demand (Veh/TS)

13:00 - 13:15	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
	From	A - Quarry Access S	0.00	0.00
		B - Quarry Access	0.00	3.45
		C - Quarry Access N	4.47	7.04
				0.00

Demand (Veh/TS)

13:15 - 13:30	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
	From	A - Quarry Access S	0.00	0.00
		B - Quarry Access	0.00	9.39
		C - Quarry Access N	3.37	4.70
				0.00

Demand (Veh/TS)

13:30 - 13:45	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
	From	A - Quarry Access S	0.00	0.00
		B - Quarry Access	0.00	6.89
		C - Quarry Access N	1.10	4.54
				0.00

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Demand (Veh/TS)

13:45 - 14:00

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
From	A - Quarry Access S	0.00	0.00	5.49
	B - Quarry Access	0.00	0.00	2.35
	C - Quarry Access N	2.20	6.97	0.00

Demand (Veh/TS)

14:00 - 14:15

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
From	A - Quarry Access S	0.00	0.00	2.20
	B - Quarry Access	0.00	0.00	9.01
	C - Quarry Access N	4.39	9.32	0.00

Demand (Veh/TS)

14:15 - 14:30

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
From	A - Quarry Access S	0.00	0.00	3.30
	B - Quarry Access	0.00	0.00	7.04
	C - Quarry Access N	3.30	6.82	0.00

Demand (Veh/TS)

14:30 - 14:45

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
From	A - Quarry Access S	0.00	0.00	5.57
	B - Quarry Access	0.00	0.00	8.07
	C - Quarry Access N	4.39	5.72	0.00

Demand (Veh/TS)

14:45 - 15:00

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
From	A - Quarry Access S	0.00	0.00	7.69
	B - Quarry Access	0.00	0.00	7.99
	C - Quarry Access N	4.39	4.70	0.00

Demand (Veh/TS)

15:00 - 15:15

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
From	A - Quarry Access S	0.00	0.00	3.30
	B - Quarry Access	0.00	0.00	4.70
	C - Quarry Access N	2.20	1.17	0.00

Demand (Veh/TS)

15:15 - 15:30

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
From	A - Quarry Access S	0.00	0.00	4.39
	B - Quarry Access	0.00	0.00	4.70
	C - Quarry Access N	4.39	8.22	0.00

Demand (Veh/TS)

15:30 - 15:45

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
From	A - Quarry Access S	0.00	0.00	5.57
	B - Quarry Access	0.00	0.00	4.70
	C - Quarry Access N	5.49	1.10	0.00

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Demand (Veh/TS)

15:45 - 16:00

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
From	A - Quarry Access S	0.00	0.00	3.30
	B - Quarry Access	0.00	0.00	3.52
	C - Quarry Access N	1.10	1.17	0.00

Demand (Veh/TS)

16:00 - 16:15

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
From	A - Quarry Access S	0.00	0.00	4.39
	B - Quarry Access	0.00	0.00	2.35
	C - Quarry Access N	2.20	3.52	0.00

Demand (Veh/TS)

16:15 - 16:30

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
From	A - Quarry Access S	0.00	0.00	1.10
	B - Quarry Access	0.00	0.00	2.35
	C - Quarry Access N	3.30	1.17	0.00

Demand (Veh/TS)

16:30 - 16:45

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
From	A - Quarry Access S	0.00	0.00	4.39
	B - Quarry Access	0.00	0.00	5.57
	C - Quarry Access N	1.10	4.62	0.00

Demand (Veh/TS)

16:45 - 17:00

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
From	A - Quarry Access S	0.00	0.00	1.10
	B - Quarry Access	0.00	0.00	5.72
	C - Quarry Access N	2.20	0.00	0.00

Demand (Veh/TS)

17:00 - 17:15

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
From	A - Quarry Access S	0.00	0.00	4.39
	B - Quarry Access	0.00	0.00	0.00
	C - Quarry Access N	1.10	1.17	0.00

Demand (Veh/TS)

17:15 - 17:30

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
From	A - Quarry Access S	0.00	0.00	1.10
	B - Quarry Access	0.00	0.00	0.00
	C - Quarry Access N	2.20	1.17	0.00

Demand (Veh/TS)

17:30 - 17:45

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
From	A - Quarry Access S	0.00	0.00	0.00
	B - Quarry Access	0.00	0.00	3.37
	C - Quarry Access N	0.00	3.45	0.00

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Demand (Veh/TS)

17:45 - 18:00

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
From	A - Quarry Access S	0.00	0.00	0.00
	B - Quarry Access	0.00	0.00	4.47
	C - Quarry Access N	0.00	1.17	0.00

Demand (Veh/TS)

18:00 - 18:15

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
From	A - Quarry Access S	0.00	0.00	2.20
	B - Quarry Access	0.00	0.00	2.35
	C - Quarry Access N	0.00	1.10	0.00

Demand (Veh/TS)

18:15 - 18:30

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
From	A - Quarry Access S	0.00	0.00	0.00
	B - Quarry Access	0.00	0.00	2.27
	C - Quarry Access N	1.10	2.27	0.00

Demand (Veh/TS)

18:30 - 18:45

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
From	A - Quarry Access S	0.00	0.00	2.20
	B - Quarry Access	0.00	0.00	1.10
	C - Quarry Access N	0.00	1.17	0.00

Demand (Veh/TS)

18:45 - 19:00

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
From	A - Quarry Access S	0.00	0.00	0.00
	B - Quarry Access	0.00	0.00	0.00
	C - Quarry Access N	0.00	2.20	0.00

Vehicle Mix

Heavy Vehicle Percentages

07:00 - 07:15

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
From	A - Quarry Access S	0	0	0
	B - Quarry Access	0	0	81
	C - Quarry Access N	0	42	0

Heavy Vehicle Percentages

07:15 - 07:30

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
From	A - Quarry Access S	0	0	0
	B - Quarry Access	0	0	100
	C - Quarry Access N	0	76	0

Heavy Vehicle Percentages

07:30 - 07:45

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
From	A - Quarry Access S	0	0	0
	B - Quarry Access	0	0	100
	C - Quarry Access N	0	100	0

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Heavy Vehicle Percentages

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
07:45 - 08:00	From			
		A - Quarry Access S	0	0
		B - Quarry Access	0	100
		C - Quarry Access N	0	87

Heavy Vehicle Percentages

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
08:00 - 08:15	From			
		A - Quarry Access S	0	0
		B - Quarry Access	0	100
		C - Quarry Access N	0	100

Heavy Vehicle Percentages

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
08:15 - 08:30	From			
		A - Quarry Access S	0	0
		B - Quarry Access	0	100
		C - Quarry Access N	0	100

Heavy Vehicle Percentages

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
08:30 - 08:45	From			
		A - Quarry Access S	0	0
		B - Quarry Access	0	81
		C - Quarry Access N	0	68

Heavy Vehicle Percentages

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
08:45 - 09:00	From			
		A - Quarry Access S	0	0
		B - Quarry Access	0	62
		C - Quarry Access N	35	100

Heavy Vehicle Percentages

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
09:00 - 09:15	From			
		A - Quarry Access S	0	0
		B - Quarry Access	0	81
		C - Quarry Access N	0	59

Heavy Vehicle Percentages

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
09:15 - 09:30	From			
		A - Quarry Access S	0	100
		B - Quarry Access	0	100
		C - Quarry Access N	100	100

Heavy Vehicle Percentages

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
09:30 - 09:45	From			
		A - Quarry Access S	0	35
		B - Quarry Access	0	100
		C - Quarry Access N	0	68

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Heavy Vehicle Percentages

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
09:45 - 10:00	From			
		A - Quarry Access S	0	0
		B - Quarry Access	0	62
		C - Quarry Access N	0	88

Heavy Vehicle Percentages

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
10:00 - 10:15	From			
		A - Quarry Access S	0	0
		B - Quarry Access	0	88
		C - Quarry Access N	52	84

Heavy Vehicle Percentages

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
10:15 - 10:30	From			
		A - Quarry Access S	0	35
		B - Quarry Access	0	100
		C - Quarry Access N	0	84

Heavy Vehicle Percentages

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
10:30 - 10:45	From			
		A - Quarry Access S	0	0
		B - Quarry Access	0	44
		C - Quarry Access N	0	84

Heavy Vehicle Percentages

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
10:45 - 11:00	From			
		A - Quarry Access S	0	0
		B - Quarry Access	0	100
		C - Quarry Access N	21	52

Heavy Vehicle Percentages

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
11:00 - 11:15	From			
		A - Quarry Access S	0	0
		B - Quarry Access	0	68
		C - Quarry Access N	21	92

Heavy Vehicle Percentages

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
11:15 - 11:30	From			
		A - Quarry Access S	0	26
		B - Quarry Access	0	100
		C - Quarry Access N	0	42

Heavy Vehicle Percentages

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
11:30 - 11:45	From			
		A - Quarry Access S	0	0
		B - Quarry Access	0	84
		C - Quarry Access N	0	62

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Heavy Vehicle Percentages

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
11:45 - 12:00	From			
		A - Quarry Access S	0	0
		B - Quarry Access	0	42
		C - Quarry Access N	0	76

Heavy Vehicle Percentages

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
12:00 - 12:15	From			
		A - Quarry Access S	0	0
		B - Quarry Access	0	100
		C - Quarry Access N	15	68

Heavy Vehicle Percentages

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
12:15 - 12:30	From			
		A - Quarry Access S	0	0
		B - Quarry Access	0	100
		C - Quarry Access N	0	100

Heavy Vehicle Percentages

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
12:30 - 12:45	From			
		A - Quarry Access S	0	0
		B - Quarry Access	0	100
		C - Quarry Access N	0	100

Heavy Vehicle Percentages

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
12:45 - 13:00	From			
		A - Quarry Access S	0	68
		B - Quarry Access	0	100
		C - Quarry Access N	0	68

Heavy Vehicle Percentages

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
13:00 - 13:15	From			
		A - Quarry Access S	0	0
		B - Quarry Access	0	68
		C - Quarry Access N	26	100

Heavy Vehicle Percentages

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
13:15 - 13:30	From			
		A - Quarry Access S	0	0
		B - Quarry Access	0	100
		C - Quarry Access N	35	100

Heavy Vehicle Percentages

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
13:30 - 13:45	From			
		A - Quarry Access S	0	0
		B - Quarry Access	0	68
		C - Quarry Access N	0	52

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Heavy Vehicle Percentages

13:45 - 14:00

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
From				
	A - Quarry Access S	0	0	0
	B - Quarry Access	0	0	100
	C - Quarry Access N	0	84	0

Heavy Vehicle Percentages

14:00 - 14:15

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
From				
	A - Quarry Access S	0	0	0
	B - Quarry Access	0	0	39
	C - Quarry Access N	0	88	0

Heavy Vehicle Percentages

14:15 - 14:30

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
From				
	A - Quarry Access S	0	0	0
	B - Quarry Access	0	0	100
	C - Quarry Access N	0	52	0

Heavy Vehicle Percentages

14:30 - 14:45

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
From				
	A - Quarry Access S	0	0	21
	B - Quarry Access	0	0	73
	C - Quarry Access N	0	62	0

Heavy Vehicle Percentages

14:45 - 15:00

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
From				
	A - Quarry Access S	0	0	0
	B - Quarry Access	0	0	59
	C - Quarry Access N	0	100	0

Heavy Vehicle Percentages

15:00 - 15:15

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
From				
	A - Quarry Access S	0	0	0
	B - Quarry Access	0	0	100
	C - Quarry Access N	0	100	0

Heavy Vehicle Percentages

15:15 - 15:30

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
From				
	A - Quarry Access S	0	0	0
	B - Quarry Access	0	0	100
	C - Quarry Access N	0	100	0

Heavy Vehicle Percentages

15:30 - 15:45

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
From				
	A - Quarry Access S	0	0	21
	B - Quarry Access	0	0	100
	C - Quarry Access N	0	0	0

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Heavy Vehicle Percentages

15:45 - 16:00

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
From				
	A - Quarry Access S	0	0	0
	B - Quarry Access	0	0	100
	C - Quarry Access N	0	100	0

Heavy Vehicle Percentages

16:00 - 16:15

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
From				
	A - Quarry Access S	0	0	0
	B - Quarry Access	0	0	100
	C - Quarry Access N	0	100	0

Heavy Vehicle Percentages

16:15 - 16:30

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
From				
	A - Quarry Access S	0	0	0
	B - Quarry Access	0	0	100
	C - Quarry Access N	0	100	0

Heavy Vehicle Percentages

16:30 - 16:45

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
From				
	A - Quarry Access S	0	0	0
	B - Quarry Access	0	0	21
	C - Quarry Access N	0	76	0

Heavy Vehicle Percentages

16:45 - 17:00

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
From				
	A - Quarry Access S	0	0	0
	B - Quarry Access	0	0	62
	C - Quarry Access N	0	0	0

Heavy Vehicle Percentages

17:00 - 17:15

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
From				
	A - Quarry Access S	0	0	0
	B - Quarry Access	0	0	0
	C - Quarry Access N	0	100	0

Heavy Vehicle Percentages

17:15 - 17:30

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
From				
	A - Quarry Access S	0	0	0
	B - Quarry Access	0	0	0
	C - Quarry Access N	0	100	0

Heavy Vehicle Percentages

17:30 - 17:45

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
From				
	A - Quarry Access S	0	0	0
	B - Quarry Access	0	0	35
	C - Quarry Access N	0	68	0

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Heavy Vehicle Percentages

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
17:45 - 18:00	From	A - Quarry Access S	0	0
		B - Quarry Access	0	26
		C - Quarry Access N	0	100
				0

Heavy Vehicle Percentages

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
18:00 - 18:15	From	A - Quarry Access S	0	0
		B - Quarry Access	0	100
		C - Quarry Access N	0	0

Heavy Vehicle Percentages

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
18:15 - 18:30	From	A - Quarry Access S	0	0
		B - Quarry Access	0	52
		C - Quarry Access N	0	0
			52	

Heavy Vehicle Percentages

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
18:30 - 18:45	From	A - Quarry Access S	0	0
		B - Quarry Access	0	0
		C - Quarry Access N	0	100
				0

Heavy Vehicle Percentages

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
18:45 - 19:00	From	A - Quarry Access S	0	0
		B - Quarry Access	0	0
		C - Quarry Access N	0	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (Veh)	Max LOS	Average Demand (Veh/TS)	Total Junction Arrivals (Veh)
B-C	0.10	10.79	0.1	B	5.26	252.58
B-A	0.01	7.61	0.0	A	0.02	1.10
C-AB	0.18	12.62	0.2	B	5.25	252.17
C-A					2.14	102.64
A-B					0.02	1.10
A-C					2.37	113.82

Main Results for each time segment

07:00 - 07:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	5.79	5.79	102.38	0.057	5.73	0.0	0.1	9.306	A
B-A	0.00	0.00	121.91	0.000	0.00	0.0	0.0	0.000	A
C-AB	5.64	5.64	109.51	0.052	5.59	0.0	0.1	8.655	A
C-A	0.00	0.00			0.00				
A-B	0.00	0.00			0.00				
A-C	0.00	0.00			0.00				

07:15 - 07:30

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	4.70	4.70	92.79	0.051	4.70	0.1	0.1	9.668	A
B-A	0.00	0.00	119.41	0.000	0.00	0.0	0.0	0.000	A
C-AB	9.24	9.24	88.10	0.105	9.19	0.1	0.1	10.471	B
C-A	0.00	0.00			0.00				
A-B	0.00	0.00			0.00				
A-C	0.00	0.00			0.00				

07:30 - 07:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	8.22	8.22	92.68	0.089	8.17	0.1	0.1	10.645	B
B-A	0.00	0.00	117.93	0.000	0.00	0.0	0.0	0.000	A
C-AB	10.56	10.56	77.63	0.136	10.53	0.1	0.1	12.569	B
C-A	0.00	0.00			0.00				
A-B	0.00	0.00			0.00				
A-C	0.00	0.00			0.00				

07:45 - 08:00

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	5.87	5.87	92.68	0.063	5.90	0.1	0.1	10.373	B
B-A	0.00	0.00	118.95	0.000	0.00	0.0	0.0	0.000	A
C-AB	8.70	8.70	87.52	0.099	8.72	0.1	0.1	12.138	B
C-A	4.94	4.94			4.94				
A-B	0.00	0.00			0.00				
A-C	0.00	0.00			0.00				

08:00 - 08:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	9.39	9.39	92.68	0.101	9.35	0.1	0.1	10.795	B
B-A	0.00	0.00	121.98	0.000	0.00	0.0	0.0	0.000	A
C-AB	3.57	3.57	78.70	0.046	3.65	0.1	0.0	11.253	B
C-A	1.05	1.05			1.05				
A-B	0.00	0.00			0.00				
A-C	0.00	0.00			0.00				

08:15 - 08:30

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	8.22	8.22	92.53	0.089	8.23	0.1	0.1	10.677	B
B-A	0.00	0.00	120.53	0.000	0.00	0.0	0.0	0.000	A
C-AB	5.87	5.87	77.42	0.076	5.83	0.0	0.1	12.529	B
C-A	0.00	0.00			0.00				
A-B	0.00	0.00			0.00				
A-C	1.10	1.10			1.10				

08:30 - 08:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	5.79	5.79	102.20	0.057	5.83	0.1	0.1	9.933	A
B-A	0.00	0.00	122.51	0.000	0.00	0.0	0.0	0.000	A
C-AB	3.45	3.45	91.83	0.037	3.48	0.1	0.0	11.411	B
C-A	0.00	0.00			0.00				
A-B	0.00	0.00			0.00				
A-C	0.00	0.00			0.00				

08:45 - 09:00

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	5.72	5.72	114.56	0.050	5.73	0.1	0.1	8.788	A
B-A	0.00	0.00	121.57	0.000	0.00	0.0	0.0	0.000	A
C-AB	3.68	3.68	80.28	0.046	3.68	0.0	0.0	10.892	B
C-A	3.21	3.21			3.21				
A-B	0.00	0.00			0.00				
A-C	0.00	0.00			0.00				

09:00 - 09:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	5.79	5.79	102.17	0.057	5.79	0.1	0.1	8.820	A
B-A	0.00	0.00	119.87	0.000	0.00	0.0	0.0	0.000	A
C-AB	8.08	8.08	98.10	0.082	8.03	0.0	0.1	10.817	B
C-A	1.01	1.01			1.01				
A-B	0.00	0.00			0.00				
A-C	2.20	2.20			2.20				

09:15 - 09:30

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	4.70	4.70	92.47	0.051	4.70	0.1	0.1	9.703	A
B-A	0.00	0.00	119.24	0.000	0.00	0.0	0.0	0.000	A
C-AB	7.15	7.15	78.27	0.092	7.16	0.1	0.1	11.159	B
C-A	1.07	1.07			1.07				
A-B	0.00	0.00			0.00				
A-C	1.17	1.17			1.17				

09:30 - 09:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	8.22	8.22	92.08	0.089	8.17	0.1	0.1	10.720	B
B-A	0.00	0.00	119.54	0.000	0.00	0.0	0.0	0.000	A
C-AB	7.06	7.06	93.17	0.076	7.06	0.1	0.1	11.575	B
C-A	2.03	2.03			2.03				
A-B	0.00	0.00			0.00				
A-C	3.37	3.37			3.37				

09:45 - 10:00

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	5.72	5.72	114.08	0.050	5.75	0.1	0.1	9.509	A
B-A	0.00	0.00	118.35	0.000	0.00	0.0	0.0	0.000	A
C-AB	9.69	9.69	85.05	0.114	9.66	0.1	0.1	11.392	B
C-A	2.92	2.92			2.92				
A-B	0.00	0.00			0.00				
A-C	1.10	1.10			1.10				

10:00 - 10:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	9.32	9.32	98.57	0.095	9.28	0.1	0.1	9.493	A
B-A	0.00	0.00	119.94	0.000	0.00	0.0	0.0	0.000	A
C-AB	7.16	7.16	85.80	0.083	7.19	0.1	0.1	11.509	B
C-A	2.08	2.08			2.08				
A-B	0.00	0.00			0.00				
A-C	0.00	0.00			0.00				

10:15 - 10:30

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	7.04	7.04	92.16	0.076	7.06	0.1	0.1	10.205	B
B-A	0.00	0.00	119.17	0.000	0.00	0.0	0.0	0.000	A
C-AB	7.15	7.15	85.43	0.084	7.16	0.1	0.1	11.543	B
C-A	2.01	2.01			2.01				
A-B	0.00	0.00			0.00				
A-C	3.37	3.37			3.37				

10:30 - 10:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	7.92	7.92	127.01	0.062	7.92	0.1	0.1	8.996	A
B-A	1.10	1.10	119.34	0.009	1.09	0.0	0.0	7.610	A
C-AB	7.25	7.25	86.47	0.084	7.25	0.1	0.1	11.394	B
C-A	3.02	3.02			3.02				
A-B	1.10	1.10			1.10				
A-C	2.20	2.20			2.20				

10:45 - 11:00

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	4.70	4.70	92.24	0.051	4.73	0.1	0.0	8.457	A
B-A	0.00	0.00	119.87	0.000	0.01	0.0	0.0	0.000	A
C-AB	4.80	4.80	104.95	0.046	4.84	0.1	0.1	10.130	B
C-A	5.31	5.31			5.31				
A-B	0.00	0.00			0.00				
A-C	6.59	6.59			6.59				

11:00 - 11:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	6.89	6.89	109.77	0.063	6.87	0.0	0.1	9.452	A
B-A	0.00	0.00	114.88	0.000	0.00	0.0	0.0	0.000	A
C-AB	15.00	15.00	84.89	0.177	14.85	0.1	0.2	12.092	B
C-A	4.58	4.58			4.58				
A-B	0.00	0.00			0.00				
A-C	2.20	2.20			2.20				

11:15 - 11:30

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	9.39	9.39	92.05	0.102	9.36	0.1	0.1	10.083	B
B-A	0.00	0.00	120.33	0.000	0.00	0.0	0.0	0.000	A
C-AB	5.76	5.76	109.08	0.052	5.90	0.2	0.1	10.848	B
C-A	2.08	2.08			2.08				
A-B	0.00	0.00			0.00				
A-C	4.47	4.47			4.47				

11:30 - 11:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	6.97	6.97	99.85	0.070	6.99	0.1	0.1	10.193	B
B-A	0.00	0.00	120.01	0.000	0.00	0.0	0.0	0.000	A
C-AB	5.99	5.99	98.99	0.061	6.00	0.1	0.1	9.118	A
C-A	4.12	4.12			4.12				
A-B	0.00	0.00			0.00				
A-C	4.39	4.39			4.39				

11:45 - 12:00

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	5.64	5.64	129.71	0.043	5.67	0.1	0.1	8.493	A
B-A	0.00	0.00	120.82	0.000	0.00	0.0	0.0	0.000	A
C-AB	4.74	4.74	89.46	0.053	4.75	0.1	0.1	10.084	B
C-A	2.08	2.08			2.08				
A-B	0.00	0.00			0.00				
A-C	2.27	2.27			2.27				

12:00 - 12:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	7.04	7.04	92.88	0.076	7.03	0.1	0.1	9.046	A
B-A	0.00	0.00	119.63	0.000	0.00	0.0	0.0	0.000	A
C-AB	7.49	7.49	98.14	0.076	7.45	0.1	0.1	10.181	B
C-A	7.17	7.17			7.17				
A-B	0.00	0.00			0.00				
A-C	0.00	0.00			0.00				

12:15 - 12:30

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	3.52	3.52	91.81	0.038	3.55	0.1	0.0	10.199	B
B-A	0.00	0.00	119.22	0.000	0.00	0.0	0.0	0.000	A
C-AB	5.95	5.95	77.94	0.077	5.97	0.1	0.1	11.231	B
C-A	1.01	1.01			1.01				
A-B	0.00	0.00			0.00				
A-C	6.59	6.59			6.59				

12:30 - 12:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	1.17	1.17	91.96	0.013	1.20	0.0	0.0	9.921	A
B-A	0.00	0.00	118.61	0.000	0.00	0.0	0.0	0.000	A
C-AB	7.25	7.25	78.76	0.092	7.22	0.1	0.1	12.619	B
C-A	1.99	1.99			1.99				
A-B	0.00	0.00			0.00				
A-C	5.49	5.49			5.49				

12:45 - 13:00

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	3.52	3.52	91.92	0.038	3.50	0.0	0.0	10.175	B
B-A	0.00	0.00	121.29	0.000	0.00	0.0	0.0	0.000	A
C-AB	3.45	3.45	91.02	0.038	3.50	0.1	0.0	11.491	B
C-A	0.00	0.00			0.00				
A-B	0.00	0.00			0.00				
A-C	3.45	3.45			3.45				

13:00 - 13:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	3.45	3.45	109.67	0.031	3.45	0.0	0.0	9.293	A
B-A	0.00	0.00	118.86	0.000	0.00	0.0	0.0	0.000	A
C-AB	7.46	7.46	80.87	0.092	7.40	0.0	0.1	11.653	B
C-A	4.05	4.05			4.05				
A-B	0.00	0.00			0.00				
A-C	2.20	2.20			2.20				

13:15 - 13:30

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	9.39	9.39	92.73	0.101	9.32	0.0	0.1	10.277	B
B-A	0.00	0.00	120.83	0.000	0.00	0.0	0.0	0.000	A
C-AB	4.91	4.91	80.16	0.061	4.94	0.1	0.1	11.920	B
C-A	3.16	3.16			3.16				
A-B	0.00	0.00			0.00				
A-C	0.00	0.00			0.00				

13:30 - 13:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	6.89	6.89	109.93	0.063	6.92	0.1	0.1	9.736	A
B-A	0.00	0.00	122.05	0.000	0.00	0.0	0.0	0.000	A
C-AB	4.59	4.59	102.64	0.045	4.61	0.1	0.1	10.658	B
C-A	1.05	1.05			1.05				
A-B	0.00	0.00			0.00				
A-C	0.00	0.00			0.00				

13:45 - 14:00

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	2.35	2.35	92.42	0.026	2.40	0.1	0.0	8.832	A
B-A	0.00	0.00	119.00	0.000	0.00	0.0	0.0	0.000	A
C-AB	7.15	7.15	85.43	0.084	7.12	0.1	0.1	10.677	B
C-A	2.01	2.01			2.01				
A-B	0.00	0.00			0.00				
A-C	5.49	5.49			5.49				

14:00 - 14:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	9.01	9.01	132.72	0.068	8.96	0.0	0.1	7.968	A
B-A	0.00	0.00	117.98	0.000	0.00	0.0	0.0	0.000	A
C-AB	9.82	9.82	85.75	0.115	9.78	0.1	0.1	11.792	B
C-A	3.89	3.89			3.89				
A-B	0.00	0.00			0.00				
A-C	2.20	2.20			2.20				

14:15 - 14:30

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	7.04	7.04	92.56	0.076	7.05	0.1	0.1	8.636	A
B-A	0.00	0.00	120.01	0.000	0.00	0.0	0.0	0.000	A
C-AB	7.04	7.04	103.92	0.068	7.09	0.1	0.1	10.570	B
C-A	3.07	3.07			3.07				
A-B	0.00	0.00			0.00				
A-C	3.30	3.30			3.30				

14:30 - 14:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	8.07	8.07	106.12	0.076	8.05	0.1	0.1	9.894	A
B-A	0.00	0.00	119.51	0.000	0.00	0.0	0.0	0.000	A
C-AB	5.99	5.99	98.62	0.061	6.01	0.1	0.1	9.419	A
C-A	4.12	4.12			4.12				
A-B	0.00	0.00			0.00				
A-C	5.57	5.57			5.57				

14:45 - 15:00

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	7.99	7.99	115.37	0.069	8.00	0.1	0.1	8.774	A
B-A	0.00	0.00	119.27	0.000	0.00	0.0	0.0	0.000	A
C-AB	4.97	4.97	80.56	0.062	4.97	0.1	0.1	10.671	B
C-A	4.12	4.12			4.12				
A-B	0.00	0.00			0.00				
A-C	7.69	7.69			7.69				

15:00 - 15:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	4.70	4.70	92.56	0.051	4.73	0.1	0.0	8.889	A
B-A	0.00	0.00	122.58	0.000	0.00	0.0	0.0	0.000	A
C-AB	1.21	1.21	79.10	0.015	1.25	0.1	0.0	11.451	B
C-A	2.16	2.16			2.16				
A-B	0.00	0.00			0.00				
A-C	3.30	3.30			3.30				

15:15 - 15:30

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	4.70	4.70	92.10	0.051	4.69	0.0	0.1	10.296	B
B-A	0.00	0.00	117.88	0.000	0.00	0.0	0.0	0.000	A
C-AB	8.69	8.69	80.70	0.108	8.58	0.0	0.1	12.485	B
C-A	3.92	3.92			3.92				
A-B	0.00	0.00			0.00				
A-C	4.39	4.39			4.39				

15:30 - 15:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	4.70	4.70	91.79	0.051	4.69	0.1	0.1	10.332	B
B-A	0.00	0.00	121.76	0.000	0.00	0.0	0.0	0.000	A
C-AB	1.15	1.15	143.92	0.007	1.25	0.1	0.0	10.674	B
C-A	5.44	5.44			5.44				
A-B	0.00	0.00			0.00				
A-C	5.57	5.57			5.57				

15:45 - 16:00

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	3.52	3.52	92.24	0.038	3.53	0.1	0.0	10.146	B
B-A	0.00	0.00	122.75	0.000	0.00	0.0	0.0	0.000	A
C-AB	1.19	1.19	78.59	0.015	1.19	0.0	0.0	8.822	A
C-A	1.08	1.08			1.08				
A-B	0.00	0.00			0.00				
A-C	3.30	3.30			3.30				

16:00 - 16:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	2.35	2.35	92.10	0.025	2.36	0.0	0.0	10.030	B
B-A	0.00	0.00	120.98	0.000	0.00	0.0	0.0	0.000	A
C-AB	3.62	3.62	78.88	0.046	3.59	0.0	0.0	11.970	B
C-A	2.10	2.10			2.10				
A-B	0.00	0.00			0.00				
A-C	4.39	4.39			4.39				

16:15 - 16:30

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	2.35	2.35	92.53	0.025	2.35	0.0	0.0	9.981	A
B-A	0.00	0.00	122.90	0.000	0.00	0.0	0.0	0.000	A
C-AB	1.23	1.23	80.19	0.015	1.26	0.0	0.0	11.468	B
C-A	3.24	3.24			3.24				
A-B	0.00	0.00			0.00				
A-C	1.10	1.10			1.10				

16:30 - 16:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	5.57	5.57	151.66	0.037	5.55	0.0	0.0	7.381	A
B-A	0.00	0.00	120.79	0.000	0.00	0.0	0.0	0.000	A
C-AB	4.68	4.68	88.30	0.053	4.64	0.0	0.1	11.024	B
C-A	1.04	1.04			1.04				
A-B	0.00	0.00			0.00				
A-C	4.39	4.39			4.39				

16:45 - 17:00

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	5.72	5.72	114.76	0.050	5.72	0.0	0.0	7.200	A
B-A	0.00	0.00	123.74	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	90.09	0.000	0.06	0.1	0.0	10.107	B
C-A	2.20	2.20			2.20				
A-B	0.00	0.00			0.00				
A-C	1.10	1.10			1.10				

17:00 - 17:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	114.00	0.000	0.05	0.0	0.0	0.000	A
B-A	0.00	0.00	122.53	0.000	0.00	0.0	0.0	0.000	A
C-AB	1.19	1.19	77.97	0.015	1.18	0.0	0.0	11.709	B
C-A	1.08	1.08			1.08				
A-B	0.00	0.00			0.00				
A-C	4.39	4.39			4.39				

17:15 - 17:30

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	152.07	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	135.38	0.000	0.00	0.0	0.0	0.000	A
C-AB	1.21	1.21	79.24	0.015	1.21	0.0	0.0	11.572	B
C-A	2.16	2.16			2.16				
A-B	0.00	0.00			0.00				
A-C	1.10	1.10			1.10				

17:30 - 17:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	3.37	3.37	137.48	0.025	3.34	0.0	0.0	7.568	A
B-A	0.00	0.00	122.55	0.000	0.00	0.0	0.0	0.000	A
C-AB	3.45	3.45	92.16	0.037	3.42	0.0	0.0	10.604	B
C-A	0.00	0.00			0.00				
A-B	0.00	0.00			0.00				
A-C	0.00	0.00			0.00				

17:45 - 18:00

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	4.47	4.47	146.73	0.030	4.47	0.0	0.0	6.512	A
B-A	0.00	0.00	123.57	0.000	0.00	0.0	0.0	0.000	A
C-AB	1.17	1.17	77.95	0.015	1.20	0.0	0.0	10.371	B
C-A	0.00	0.00			0.00				
A-B	0.00	0.00			0.00				
A-C	0.00	0.00			0.00				

18:00 - 18:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	2.35	2.35	92.85	0.025	2.36	0.0	0.0	7.535	A
B-A	0.00	0.00	123.50	0.000	0.00	0.0	0.0	0.000	A
C-AB	1.10	1.10	152.70	0.007	1.10	0.0	0.0	8.927	A
C-A	0.00	0.00			0.00				
A-B	0.00	0.00			0.00				
A-C	2.20	2.20			2.20				

18:15 - 18:30

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	2.27	2.27	121.88	0.019	2.27	0.0	0.0	8.745	A
B-A	0.00	0.00	123.12	0.000	0.00	0.0	0.0	0.000	A
C-AB	2.30	2.30	103.27	0.022	2.29	0.0	0.0	7.931	A
C-A	1.07	1.07			1.07				
A-B	0.00	0.00			0.00				
A-C	0.00	0.00			0.00				

18:30 - 18:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	1.10	1.10	182.92	0.006	1.11	0.0	0.0	6.620	A
B-A	0.00	0.00	123.12	0.000	0.00	0.0	0.0	0.000	A
C-AB	1.17	1.17	77.62	0.015	1.18	0.0	0.0	9.886	A
C-A	0.00	0.00			0.00				
A-B	0.00	0.00			0.00				
A-C	2.20	2.20			2.20				

18:45 - 19:00

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	185.35	0.000	0.01	0.0	0.0	0.000	A
B-A	0.00	0.00	123.63	0.000	0.00	0.0	0.0	0.000	A
C-AB	2.20	2.20	154.16	0.014	2.19	0.0	0.0	7.976	A
C-A	0.00	0.00			0.00				
A-B	0.00	0.00			0.00				
A-C	0.00	0.00			0.00				

2042,

RECEIVED: 17/12/2025

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	Father O'Keefe/ L3619	T-Junction	Two-way		9.60	A

Junction Network Options

Driving side	Lighting
Left	Normal/unknown

Traffic Demand

Demand Set Details

ID	Scenario name	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time period length (min)	Time segment length (min)	Run automatically
D3	2042	DIRECT	07:00	19:00	720	15	✓

Vehicle mix varies over time	Vehicle mix varies over turn	Vehicle mix varies over entry	Vehicle mix source	PCU Factor for a HV (PCU)	O-D data varies over time
✓	✓	✓	HV Percentages	2.00	✓

Demand overview (Traffic)

Arm	Linked arm	Profile type	Use O-D data	Scaling Factor (%)
A - Quarry Access S		DIRECT	✓	100.000
B - Quarry Access		DIRECT	✓	100.000
C - Quarry Access N		DIRECT	✓	100.000

Origin-Destination Data

Demand (Veh/TS)

07:00 - 07:15

From	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
	A - Quarry Access S	0.00	0.00	0.00
	B - Quarry Access	0.00	0.00	6.70
	C - Quarry Access N	0.00	6.35	0.00

Demand (Veh/TS)

07:15 - 07:30

From	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
	A - Quarry Access S	0.00	0.00	0.00
	B - Quarry Access	0.00	0.00	5.50
	C - Quarry Access N	0.00	10.64	0.00

Demand (Veh/TS)

07:30 - 07:45

From	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
	A - Quarry Access S	0.00	0.00	0.00
	B - Quarry Access	0.00	0.00	9.62
	C - Quarry Access N	0.00	12.37	0.00

Demand (Veh/TS)

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
07:45 - 08:00	From			
		A - Quarry Access S	0.00	0.00
		B - Quarry Access	0.00	6.87
		C - Quarry Access N	5.99	9.44

Demand (Veh/TS)

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
08:00 - 08:15	From			
		A - Quarry Access S	0.00	0.00
		B - Quarry Access	0.00	10.99
		C - Quarry Access N	1.20	4.12

Demand (Veh/TS)

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
08:15 - 08:30	From			
		A - Quarry Access S	0.00	1.20
		B - Quarry Access	0.00	9.62
		C - Quarry Access N	0.00	6.87

Demand (Veh/TS)

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
08:30 - 08:45	From			
		A - Quarry Access S	0.00	0.00
		B - Quarry Access	0.00	6.70
		C - Quarry Access N	0.00	3.95

Demand (Veh/TS)

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
08:45 - 09:00	From			
		A - Quarry Access S	0.00	0.00
		B - Quarry Access	0.00	6.52
		C - Quarry Access N	3.77	4.12

Demand (Veh/TS)

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
09:00 - 09:15	From			
		A - Quarry Access S	0.00	2.40
		B - Quarry Access	0.00	6.70
		C - Quarry Access N	1.20	9.09

Demand (Veh/TS)

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
09:15 - 09:30	From			
		A - Quarry Access S	0.00	1.37
		B - Quarry Access	0.00	5.50
		C - Quarry Access N	1.37	8.25

Demand (Veh/TS)

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
09:30 - 09:45	From			
		A - Quarry Access S	0.00	3.77
		B - Quarry Access	0.00	9.62
		C - Quarry Access N	2.40	7.89

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Demand (Veh/TS)

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
09:45 - 10:00	From	A - Quarry Access S	0.00	0.00
		B - Quarry Access	0.00	1.20
		C - Quarry Access N	0.00	6.52
			3.60	10.82
				0.00

Demand (Veh/TS)

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
10:00 - 10:15	From	A - Quarry Access S	0.00	0.00
		B - Quarry Access	0.00	0.00
		C - Quarry Access N	0.00	10.82
			2.57	8.07
				0.00

Demand (Veh/TS)

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
10:15 - 10:30	From	A - Quarry Access S	0.00	0.00
		B - Quarry Access	0.00	3.77
		C - Quarry Access N	0.00	8.25
			2.40	8.07
				0.00

Demand (Veh/TS)

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
10:30 - 10:45	From	A - Quarry Access S	0.00	1.20
		B - Quarry Access	1.20	0.00
		C - Quarry Access N	3.60	8.92
			8.07	0.00

Demand (Veh/TS)

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
10:45 - 11:00	From	A - Quarry Access S	0.00	0.00
		B - Quarry Access	0.00	7.19
		C - Quarry Access N	0.00	5.50
			6.17	5.15
				0.00

Demand (Veh/TS)

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
11:00 - 11:15	From	A - Quarry Access S	0.00	0.00
		B - Quarry Access	0.00	2.40
		C - Quarry Access N	0.00	7.89
			6.17	16.32
				0.00

Demand (Veh/TS)

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
11:15 - 11:30	From	A - Quarry Access S	0.00	0.00
		B - Quarry Access	0.00	4.97
		C - Quarry Access N	0.00	10.99
			2.40	6.35
				0.00

Demand (Veh/TS)

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
11:30 - 11:45	From	A - Quarry Access S	0.00	0.00
		B - Quarry Access	0.00	4.80
		C - Quarry Access N	0.00	8.07
			4.80	6.52
				0.00

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Demand (Veh/TS)

11:45 - 12:00

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
From	A - Quarry Access S	0.00	0.00	2.57
	B - Quarry Access	0.00	0.00	6.35
	C - Quarry Access N	2.40	5.32	0.00

Demand (Veh/TS)

12:00 - 12:15

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
From	A - Quarry Access S	0.00	0.00	0.00
	B - Quarry Access	0.00	0.00	8.25
	C - Quarry Access N	8.57	7.89	0.00

Demand (Veh/TS)

12:15 - 12:30

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
From	A - Quarry Access S	0.00	0.00	7.19
	B - Quarry Access	0.00	0.00	4.12
	C - Quarry Access N	1.20	6.87	0.00

Demand (Veh/TS)

12:30 - 12:45

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
From	A - Quarry Access S	0.00	0.00	5.99
	B - Quarry Access	0.00	0.00	1.37
	C - Quarry Access N	2.40	8.25	0.00

Demand (Veh/TS)

12:45 - 13:00

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
From	A - Quarry Access S	0.00	0.00	3.95
	B - Quarry Access	0.00	0.00	4.12
	C - Quarry Access N	0.00	3.95	0.00

Demand (Veh/TS)

13:00 - 13:15

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
From	A - Quarry Access S	0.00	0.00	2.40
	B - Quarry Access	0.00	0.00	3.95
	C - Quarry Access N	4.97	8.25	0.00

Demand (Veh/TS)

13:15 - 13:30

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
From	A - Quarry Access S	0.00	0.00	0.00
	B - Quarry Access	0.00	0.00	10.99
	C - Quarry Access N	3.77	5.50	0.00

Demand (Veh/TS)

13:30 - 13:45

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
From	A - Quarry Access S	0.00	0.00	0.00
	B - Quarry Access	0.00	0.00	7.89
	C - Quarry Access N	1.20	5.15	0.00

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Demand (Veh/TS)

13:45 - 14:00

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
From	A - Quarry Access S	0.00	0.00	5.99
	B - Quarry Access	0.00	0.00	2.75
	C - Quarry Access N	2.40	8.07	0.00

Demand (Veh/TS)

14:00 - 14:15

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
From	A - Quarry Access S	0.00	0.00	2.40
	B - Quarry Access	0.00	0.00	10.12
	C - Quarry Access N	4.80	10.82	0.00

Demand (Veh/TS)

14:15 - 14:30

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
From	A - Quarry Access S	0.00	0.00	3.60
	B - Quarry Access	0.00	0.00	8.25
	C - Quarry Access N	3.60	7.72	0.00

Demand (Veh/TS)

14:30 - 14:45

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
From	A - Quarry Access S	0.00	0.00	6.17
	B - Quarry Access	0.00	0.00	9.27
	C - Quarry Access N	4.80	6.52	0.00

Demand (Veh/TS)

14:45 - 15:00

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
From	A - Quarry Access S	0.00	0.00	8.39
	B - Quarry Access	0.00	0.00	9.09
	C - Quarry Access N	4.80	5.50	0.00

Demand (Veh/TS)

15:00 - 15:15

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
From	A - Quarry Access S	0.00	0.00	3.60
	B - Quarry Access	0.00	0.00	5.50
	C - Quarry Access N	2.40	1.37	0.00

Demand (Veh/TS)

15:15 - 15:30

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
From	A - Quarry Access S	0.00	0.00	4.80
	B - Quarry Access	0.00	0.00	5.50
	C - Quarry Access N	4.80	9.62	0.00

Demand (Veh/TS)

15:30 - 15:45

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
From	A - Quarry Access S	0.00	0.00	6.17
	B - Quarry Access	0.00	0.00	5.50
	C - Quarry Access N	5.99	1.20	0.00

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Demand (Veh/TS)

15:45 - 16:00

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
From	A - Quarry Access S	0.00	0.00	3.60
	B - Quarry Access	0.00	0.00	4.12
	C - Quarry Access N	1.20	1.37	0.00

Demand (Veh/TS)

16:00 - 16:15

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
From	A - Quarry Access S	0.00	0.00	4.80
	B - Quarry Access	0.00	0.00	2.75
	C - Quarry Access N	2.40	4.12	0.00

Demand (Veh/TS)

16:15 - 16:30

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
From	A - Quarry Access S	0.00	0.00	1.20
	B - Quarry Access	0.00	0.00	2.75
	C - Quarry Access N	3.60	1.37	0.00

Demand (Veh/TS)

16:30 - 16:45

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
From	A - Quarry Access S	0.00	0.00	4.80
	B - Quarry Access	0.00	0.00	6.17
	C - Quarry Access N	1.20	5.32	0.00

Demand (Veh/TS)

16:45 - 17:00

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
From	A - Quarry Access S	0.00	0.00	1.20
	B - Quarry Access	0.00	0.00	6.52
	C - Quarry Access N	2.40	0.00	0.00

Demand (Veh/TS)

17:00 - 17:15

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
From	A - Quarry Access S	0.00	0.00	4.80
	B - Quarry Access	0.00	0.00	0.00
	C - Quarry Access N	1.20	1.37	0.00

Demand (Veh/TS)

17:15 - 17:30

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
From	A - Quarry Access S	0.00	0.00	1.20
	B - Quarry Access	0.00	0.00	0.00
	C - Quarry Access N	2.40	1.37	0.00

Demand (Veh/TS)

17:30 - 17:45

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
From	A - Quarry Access S	0.00	0.00	0.00
	B - Quarry Access	0.00	0.00	3.77
	C - Quarry Access N	0.00	3.95	0.00

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Demand (Veh/TS)

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
17:45 - 18:00	From	A - Quarry Access S	0.00	0.00
		B - Quarry Access	0.00	4.97
		C - Quarry Access N	0.00	1.37
				0.00

Demand (Veh/TS)

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
18:00 - 18:15	From	A - Quarry Access S	0.00	0.00
		B - Quarry Access	0.00	2.40
		C - Quarry Access N	0.00	2.75
			1.20	0.00

Demand (Veh/TS)

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
18:15 - 18:30	From	A - Quarry Access S	0.00	0.00
		B - Quarry Access	0.00	2.57
		C - Quarry Access N	1.20	2.57
				0.00

Demand (Veh/TS)

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
18:30 - 18:45	From	A - Quarry Access S	0.00	0.00
		B - Quarry Access	0.00	1.20
		C - Quarry Access N	0.00	1.37
				0.00

Demand (Veh/TS)

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
18:45 - 19:00	From	A - Quarry Access S	0.00	0.00
		B - Quarry Access	0.00	0.00
		C - Quarry Access N	0.00	2.40
				0.00

Vehicle Mix

Heavy Vehicle Percentages

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
07:00 - 07:15	From	A - Quarry Access S	0	0
		B - Quarry Access	0	82
		C - Quarry Access N	0	43
				0

Heavy Vehicle Percentages

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
07:15 - 07:30	From	A - Quarry Access S	0	0
		B - Quarry Access	0	100
		C - Quarry Access N	0	77
				0

Heavy Vehicle Percentages

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
07:30 - 07:45	From	A - Quarry Access S	0	0
		B - Quarry Access	0	100
		C - Quarry Access N	0	100
				0

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Heavy Vehicle Percentages

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
07:45 - 08:00	From			
		A - Quarry Access S	0	0
		B - Quarry Access	0	100
		C - Quarry Access N	0	87

Heavy Vehicle Percentages

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
08:00 - 08:15	From			
		A - Quarry Access S	0	0
		B - Quarry Access	0	100
		C - Quarry Access N	0	100

Heavy Vehicle Percentages

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
08:15 - 08:30	From			
		A - Quarry Access S	0	0
		B - Quarry Access	0	100
		C - Quarry Access N	0	100

Heavy Vehicle Percentages

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
08:30 - 08:45	From			
		A - Quarry Access S	0	0
		B - Quarry Access	0	82
		C - Quarry Access N	0	70

Heavy Vehicle Percentages

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
08:45 - 09:00	From			
		A - Quarry Access S	0	0
		B - Quarry Access	0	63
		C - Quarry Access N	36	100

Heavy Vehicle Percentages

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
09:00 - 09:15	From			
		A - Quarry Access S	0	0
		B - Quarry Access	0	82
		C - Quarry Access N	0	60

Heavy Vehicle Percentages

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
09:15 - 09:30	From			
		A - Quarry Access S	0	100
		B - Quarry Access	0	100
		C - Quarry Access N	100	100

Heavy Vehicle Percentages

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
09:30 - 09:45	From			
		A - Quarry Access S	0	36
		B - Quarry Access	0	100
		C - Quarry Access N	0	70

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Heavy Vehicle Percentages

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
09:45 - 10:00	From			
		A - Quarry Access S	0	0
		B - Quarry Access	0	63
		C - Quarry Access N	0	89

Heavy Vehicle Percentages

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
10:00 - 10:15	From			
		A - Quarry Access S	0	0
		B - Quarry Access	0	89
		C - Quarry Access N	53	85

Heavy Vehicle Percentages

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
10:15 - 10:30	From			
		A - Quarry Access S	0	36
		B - Quarry Access	0	100
		C - Quarry Access N	0	85

Heavy Vehicle Percentages

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
10:30 - 10:45	From			
		A - Quarry Access S	0	0
		B - Quarry Access	0	46
		C - Quarry Access N	0	85

Heavy Vehicle Percentages

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
10:45 - 11:00	From			
		A - Quarry Access S	0	0
		B - Quarry Access	0	100
		C - Quarry Access N	22	53

Heavy Vehicle Percentages

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
11:00 - 11:15	From			
		A - Quarry Access S	0	0
		B - Quarry Access	0	70
		C - Quarry Access N	22	93

Heavy Vehicle Percentages

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
11:15 - 11:30	From			
		A - Quarry Access S	0	28
		B - Quarry Access	0	100
		C - Quarry Access N	0	43

Heavy Vehicle Percentages

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
11:30 - 11:45	From			
		A - Quarry Access S	0	0
		B - Quarry Access	0	85
		C - Quarry Access N	0	63

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Heavy Vehicle Percentages

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
11:45 - 12:00	From			
		A - Quarry Access S	0	53
		B - Quarry Access	0	43
		C - Quarry Access N	77	0

Heavy Vehicle Percentages

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
12:00 - 12:15	From			
		A - Quarry Access S	0	0
		B - Quarry Access	0	100
		C - Quarry Access N	16	0

Heavy Vehicle Percentages

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
12:15 - 12:30	From			
		A - Quarry Access S	0	0
		B - Quarry Access	0	100
		C - Quarry Access N	100	0

Heavy Vehicle Percentages

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
12:30 - 12:45	From			
		A - Quarry Access S	0	0
		B - Quarry Access	0	100
		C - Quarry Access N	100	0

Heavy Vehicle Percentages

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
12:45 - 13:00	From			
		A - Quarry Access S	0	70
		B - Quarry Access	0	100
		C - Quarry Access N	70	0

Heavy Vehicle Percentages

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
13:00 - 13:15	From			
		A - Quarry Access S	0	0
		B - Quarry Access	0	70
		C - Quarry Access N	28	0

Heavy Vehicle Percentages

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
13:15 - 13:30	From			
		A - Quarry Access S	0	0
		B - Quarry Access	0	100
		C - Quarry Access N	36	0

Heavy Vehicle Percentages

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
13:30 - 13:45	From			
		A - Quarry Access S	0	0
		B - Quarry Access	0	70
		C - Quarry Access N	53	0

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Heavy Vehicle Percentages

13:45 - 14:00

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
From				
	A - Quarry Access S	0	0	0
	B - Quarry Access	0	0	100
	C - Quarry Access N	0	85	0

Heavy Vehicle Percentages

14:00 - 14:15

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
From				
	A - Quarry Access S	0	0	0
	B - Quarry Access	0	0	41
	C - Quarry Access N	0	89	0

Heavy Vehicle Percentages

14:15 - 14:30

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
From				
	A - Quarry Access S	0	0	0
	B - Quarry Access	0	0	100
	C - Quarry Access N	0	53	0

Heavy Vehicle Percentages

14:30 - 14:45

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
From				
	A - Quarry Access S	0	0	22
	B - Quarry Access	0	0	74
	C - Quarry Access N	0	63	0

Heavy Vehicle Percentages

14:45 - 15:00

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
From				
	A - Quarry Access S	0	0	0
	B - Quarry Access	0	0	60
	C - Quarry Access N	0	100	0

Heavy Vehicle Percentages

15:00 - 15:15

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
From				
	A - Quarry Access S	0	0	0
	B - Quarry Access	0	0	100
	C - Quarry Access N	0	100	0

Heavy Vehicle Percentages

15:15 - 15:30

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
From				
	A - Quarry Access S	0	0	0
	B - Quarry Access	0	0	100
	C - Quarry Access N	0	100	0

Heavy Vehicle Percentages

15:30 - 15:45

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
From				
	A - Quarry Access S	0	0	22
	B - Quarry Access	0	0	100
	C - Quarry Access N	0	0	0

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Heavy Vehicle Percentages

15:45 - 16:00

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
From	A - Quarry Access S	0	0	0
	B - Quarry Access	0	0	100
	C - Quarry Access N	0	100	0

Heavy Vehicle Percentages

16:00 - 16:15

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
From	A - Quarry Access S	0	0	0
	B - Quarry Access	0	0	100
	C - Quarry Access N	0	100	0

Heavy Vehicle Percentages

16:15 - 16:30

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
From	A - Quarry Access S	0	0	0
	B - Quarry Access	0	0	100
	C - Quarry Access N	0	100	0

Heavy Vehicle Percentages

16:30 - 16:45

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
From	A - Quarry Access S	0	0	0
	B - Quarry Access	0	0	22
	C - Quarry Access N	0	77	0

Heavy Vehicle Percentages

16:45 - 17:00

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
From	A - Quarry Access S	0	0	0
	B - Quarry Access	0	0	63
	C - Quarry Access N	0	0	0

Heavy Vehicle Percentages

17:00 - 17:15

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
From	A - Quarry Access S	0	0	0
	B - Quarry Access	0	0	0
	C - Quarry Access N	0	100	0

Heavy Vehicle Percentages

17:15 - 17:30

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
From	A - Quarry Access S	0	0	0
	B - Quarry Access	0	0	0
	C - Quarry Access N	0	100	0

Heavy Vehicle Percentages

17:30 - 17:45

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
From	A - Quarry Access S	0	0	0
	B - Quarry Access	0	0	36
	C - Quarry Access N	0	70	0

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Heavy Vehicle Percentages

17:45 - 18:00	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
	From	A - Quarry Access S	0	0
	B - Quarry Access	0	0	28
	C - Quarry Access N	0	100	0

Heavy Vehicle Percentages

18:00 - 18:15	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
	From	A - Quarry Access S	0	0
	B - Quarry Access	0	0	100
	C - Quarry Access N	0	0	0

Heavy Vehicle Percentages

18:15 - 18:30	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
	From	A - Quarry Access S	0	0
	B - Quarry Access	0	0	53
	C - Quarry Access N	0	53	0

Heavy Vehicle Percentages

18:30 - 18:45	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
	From	A - Quarry Access S	0	0
	B - Quarry Access	0	0	0
	C - Quarry Access N	0	100	0

Heavy Vehicle Percentages

18:45 - 19:00	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
	From	A - Quarry Access S	0	0
	B - Quarry Access	0	0	0
	C - Quarry Access N	0	0	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (Veh)	Max LOS	Average Demand (Veh/TS)	Total Junction Arrivals (Veh)
B-C	0.12	11.00	0.1	B	6.08	291.87
B-A	0.01	7.67	0.0	A	0.02	1.20
C-AB	0.21	12.94	0.3	B	6.09	292.25
C-A					2.32	111.29
A-B					0.02	1.20
A-C					2.61	125.07

Main Results for each time segment

07:00 - 07:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	6.70	6.70	101.79	0.066	6.63	0.0	0.1	9.451	A
B-A	0.00	0.00	121.58	0.000	0.00	0.0	0.0	0.000	A
C-AB	6.35	6.35	108.20	0.059	6.28	0.0	0.1	8.825	A
C-A	0.00	0.00			0.00				
A-B	0.00	0.00			0.00				
A-C	0.00	0.00			0.00				

07:15 - 07:30

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	5.50	5.50	92.78	0.059	5.51	0.1	0.1	9.789	A
B-A	0.00	0.00	118.63	0.000	0.00	0.0	0.0	0.000	A
C-AB	10.64	10.64	87.48	0.122	10.58	0.1	0.1	10.762	B
C-A	0.00	0.00			0.00				
A-B	0.00	0.00			0.00				
A-C	0.00	0.00			0.00				

07:30 - 07:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	9.62	9.62	92.68	0.104	9.57	0.1	0.1	10.822	B
B-A	0.00	0.00	116.84	0.000	0.00	0.0	0.0	0.000	A
C-AB	12.37	12.37	77.63	0.160	12.32	0.1	0.2	12.944	B
C-A	0.00	0.00			0.00				
A-B	0.00	0.00			0.00				
A-C	0.00	0.00			0.00				

07:45 - 08:00

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	6.87	6.87	92.68	0.074	6.90	0.1	0.1	10.498	B
B-A	0.00	0.00	118.12	0.000	0.00	0.0	0.0	0.000	A
C-AB	10.15	10.15	87.58	0.116	10.18	0.2	0.1	12.365	B
C-A	5.29	5.29			5.29				
A-B	0.00	0.00			0.00				
A-C	0.00	0.00			0.00				

08:00 - 08:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	10.99	10.99	92.68	0.119	10.94	0.1	0.1	11.004	B
B-A	0.00	0.00	121.59	0.000	0.00	0.0	0.0	0.000	A
C-AB	4.19	4.19	78.79	0.053	4.28	0.1	0.1	11.349	B
C-A	1.13	1.13			1.13				
A-B	0.00	0.00			0.00				
A-C	0.00	0.00			0.00				

08:15 - 08:30

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	9.62	9.62	92.52	0.104	9.64	0.1	0.1	10.862	B
B-A	0.00	0.00	119.91	0.000	0.00	0.0	0.0	0.000	A
C-AB	6.87	6.87	77.41	0.089	6.83	0.1	0.1	12.701	B
C-A	0.00	0.00			0.00				
A-B	0.00	0.00			0.00				
A-C	1.20	1.20			1.20				

08:30 - 08:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	6.70	6.70	101.62	0.066	6.74	0.1	0.1	10.063	B
B-A	0.00	0.00	122.24	0.000	0.00	0.0	0.0	0.000	A
C-AB	3.95	3.95	91.03	0.043	3.99	0.1	0.1	11.530	B
C-A	0.00	0.00			0.00				
A-B	0.00	0.00			0.00				
A-C	0.00	0.00			0.00				

08:45 - 09:00

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	6.52	6.52	113.40	0.057	6.53	0.1	0.1	8.934	A
B-A	0.00	0.00	121.13	0.000	0.00	0.0	0.0	0.000	A
C-AB	4.33	4.33	80.57	0.054	4.32	0.1	0.1	11.000	B
C-A	3.57	3.57			3.57				
A-B	0.00	0.00			0.00				
A-C	0.00	0.00			0.00				

09:00 - 09:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	6.70	6.70	101.55	0.066	6.69	0.1	0.1	8.980	A
B-A	0.00	0.00	119.25	0.000	0.00	0.0	0.0	0.000	A
C-AB	9.21	9.21	97.13	0.095	9.15	0.1	0.1	11.053	B
C-A	1.08	1.08			1.08				
A-B	0.00	0.00			0.00				
A-C	2.40	2.40			2.40				

09:15 - 09:30

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	5.50	5.50	92.42	0.060	5.50	0.1	0.1	9.828	A
B-A	0.00	0.00	118.38	0.000	0.00	0.0	0.0	0.000	A
C-AB	8.39	8.39	78.35	0.107	8.40	0.1	0.1	11.400	B
C-A	1.23	1.23			1.23				
A-B	0.00	0.00			0.00				
A-C	1.37	1.37			1.37				

09:30 - 09:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	9.62	9.62	92.00	0.105	9.57	0.1	0.1	10.911	B
B-A	0.00	0.00	118.84	0.000	0.00	0.0	0.0	0.000	A
C-AB	8.11	8.11	92.45	0.087	8.11	0.1	0.1	11.790	B
C-A	2.18	2.18			2.18				
A-B	0.00	0.00			0.00				
A-C	3.77	3.77			3.77				

09:45 - 10:00

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	6.52	6.52	112.92	0.058	6.57	0.1	0.1	9.642	A
B-A	0.00	0.00	117.41	0.000	0.00	0.0	0.0	0.000	A
C-AB	11.30	11.30	84.98	0.133	11.26	0.1	0.1	11.670	B
C-A	3.11	3.11			3.11				
A-B	0.00	0.00			0.00				
A-C	1.20	1.20			1.20				

10:00 - 10:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	10.82	10.82	98.20	0.110	10.77	0.1	0.1	9.713	A
B-A	0.00	0.00	119.23	0.000	0.00	0.0	0.0	0.000	A
C-AB	8.32	8.32	85.60	0.097	8.36	0.1	0.1	11.694	B
C-A	2.32	2.32			2.32				
A-B	0.00	0.00			0.00				
A-C	0.00	0.00			0.00				

10:15 - 10:30

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	8.25	8.25	92.07	0.090	8.26	0.1	0.1	10.381	B
B-A	0.00	0.00	118.38	0.000	0.00	0.0	0.0	0.000	A
C-AB	8.31	8.31	85.11	0.098	8.31	0.1	0.1	11.771	B
C-A	2.16	2.16			2.16				
A-B	0.00	0.00			0.00				
A-C	3.77	3.77			3.77				

10:30 - 10:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	8.92	8.92	125.42	0.071	8.92	0.1	0.1	9.175	A
B-A	1.20	1.20	118.57	0.010	1.19	0.0	0.0	7.666	A
C-AB	8.43	8.43	86.28	0.098	8.43	0.1	0.1	11.602	B
C-A	3.24	3.24			3.24				
A-B	1.20	1.20			1.20				
A-C	2.40	2.40			2.40				

10:45 - 11:00

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	5.50	5.50	92.14	0.060	5.54	0.1	0.1	8.615	A
B-A	0.00	0.00	119.30	0.000	0.01	0.0	0.0	0.000	A
C-AB	5.48	5.48	104.17	0.052	5.52	0.1	0.1	10.250	B
C-A	5.84	5.84			5.84				
A-B	0.00	0.00			0.00				
A-C	7.19	7.19			7.19				

11:00 - 11:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	7.89	7.89	108.77	0.073	7.86	0.1	0.1	9.614	A
B-A	0.00	0.00	113.39	0.000	0.00	0.0	0.0	0.000	A
C-AB	17.60	17.60	85.12	0.207	17.41	0.1	0.3	12.524	B
C-A	4.89	4.89			4.89				
A-B	0.00	0.00			0.00				
A-C	2.40	2.40			2.40				

11:15 - 11:30

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	10.99	10.99	91.95	0.120	10.95	0.1	0.1	10.327	B
B-A	0.00	0.00	119.80	0.000	0.00	0.0	0.0	0.000	A
C-AB	6.50	6.50	107.81	0.060	6.66	0.3	0.1	11.011	B
C-A	2.25	2.25			2.25				
A-B	0.00	0.00			0.00				
A-C	4.97	4.97			4.97				

11:30 - 11:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	8.07	8.07	99.31	0.081	8.10	0.1	0.1	10.357	B
B-A	0.00	0.00	119.45	0.000	0.00	0.0	0.0	0.000	A
C-AB	6.86	6.86	98.30	0.070	6.87	0.1	0.1	9.289	A
C-A	4.46	4.46			4.46				
A-B	0.00	0.00			0.00				
A-C	4.80	4.80			4.80				

11:45 - 12:00

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	6.35	6.35	128.06	0.049	6.38	0.1	0.1	8.642	A
B-A	0.00	0.00	120.30	0.000	0.00	0.0	0.0	0.000	A
C-AB	5.47	5.47	88.94	0.062	5.48	0.1	0.1	10.244	B
C-A	2.25	2.25			2.25				
A-B	0.00	0.00			0.00				
A-C	2.57	2.57			2.57				

12:00 - 12:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	8.25	8.25	92.87	0.089	8.22	0.1	0.1	9.230	A
B-A	0.00	0.00	118.95	0.000	0.00	0.0	0.0	0.000	A
C-AB	8.66	8.66	97.94	0.088	8.62	0.1	0.1	10.335	B
C-A	7.80	7.80			7.80				
A-B	0.00	0.00			0.00				
A-C	0.00	0.00			0.00				

12:15 - 12:30

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	4.12	4.12	91.73	0.045	4.16	0.1	0.0	10.282	B
B-A	0.00	0.00	118.48	0.000	0.00	0.0	0.0	0.000	A
C-AB	6.98	6.98	77.95	0.090	7.00	0.1	0.1	11.428	B
C-A	1.09	1.09			1.09				
A-B	0.00	0.00			0.00				
A-C	7.19	7.19			7.19				

12:30 - 12:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	1.37	1.37	91.89	0.015	1.41	0.0	0.0	9.951	A
B-A	0.00	0.00	117.75	0.000	0.00	0.0	0.0	0.000	A
C-AB	8.51	8.51	78.87	0.108	8.48	0.1	0.1	12.827	B
C-A	2.14	2.14			2.14				
A-B	0.00	0.00			0.00				
A-C	5.99	5.99			5.99				

12:45 - 13:00

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	4.12	4.12	91.80	0.045	4.09	0.0	0.0	10.258	B
B-A	0.00	0.00	120.82	0.000	0.00	0.0	0.0	0.000	A
C-AB	3.95	3.95	90.12	0.044	4.02	0.1	0.1	11.614	B
C-A	0.00	0.00			0.00				
A-B	0.00	0.00			0.00				
A-C	3.95	3.95			3.95				

13:00 - 13:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	3.95	3.95	108.67	0.036	3.95	0.0	0.0	9.392	A
B-A	0.00	0.00	118.01	0.000	0.00	0.0	0.0	0.000	A
C-AB	8.79	8.79	81.23	0.108	8.72	0.1	0.1	11.845	B
C-A	4.43	4.43			4.43				
A-B	0.00	0.00			0.00				
A-C	2.40	2.40			2.40				

13:15 - 13:30

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	10.99	10.99	92.73	0.119	10.91	0.0	0.1	10.498	B
B-A	0.00	0.00	120.27	0.000	0.00	0.0	0.0	0.000	A
C-AB	5.77	5.77	80.46	0.072	5.81	0.1	0.1	12.010	B
C-A	3.50	3.50			3.50				
A-B	0.00	0.00			0.00				
A-C	0.00	0.00			0.00				

13:30 - 13:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	7.89	7.89	108.96	0.072	7.93	0.1	0.1	9.891	A
B-A	0.00	0.00	121.73	0.000	0.00	0.0	0.0	0.000	A
C-AB	5.21	5.21	101.57	0.051	5.23	0.1	0.1	10.802	B
C-A	1.14	1.14			1.14				
A-B	0.00	0.00			0.00				
A-C	0.00	0.00			0.00				

13:45 - 14:00

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	2.75	2.75	92.33	0.030	2.81	0.1	0.0	8.938	A
B-A	0.00	0.00	118.23	0.000	0.00	0.0	0.0	0.000	A
C-AB	8.31	8.31	85.12	0.098	8.27	0.1	0.1	10.908	B
C-A	2.16	2.16			2.16				
A-B	0.00	0.00			0.00				
A-C	5.99	5.99			5.99				

14:00 - 14:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	10.12	10.12	131.09	0.077	10.05	0.0	0.1	8.151	A
B-A	0.00	0.00	117.00	0.000	0.00	0.0	0.0	0.000	A
C-AB	11.47	11.47	85.76	0.134	11.41	0.1	0.2	12.060	B
C-A	4.15	4.15			4.15				
A-B	0.00	0.00			0.00				
A-C	2.40	2.40			2.40				

14:15 - 14:30

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	8.25	8.25	92.51	0.089	8.25	0.1	0.1	8.831	A
B-A	0.00	0.00	119.45	0.000	0.00	0.0	0.0	0.000	A
C-AB	8.00	8.00	102.97	0.077	8.06	0.2	0.1	10.752	B
C-A	3.31	3.31			3.31				
A-B	0.00	0.00			0.00				
A-C	3.60	3.60			3.60				

14:30 - 14:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	9.27	9.27	105.17	0.088	9.25	0.1	0.1	10.090	B
B-A	0.00	0.00	118.86	0.000	0.00	0.0	0.0	0.000	A
C-AB	6.86	6.86	97.89	0.070	6.88	0.1	0.1	9.595	A
C-A	4.45	4.45			4.45				
A-B	0.00	0.00			0.00				
A-C	6.17	6.17			6.17				

14:45 - 15:00

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	9.09	9.09	114.04	0.080	9.11	0.1	0.1	8.972	A
B-A	0.00	0.00	118.59	0.000	0.00	0.0	0.0	0.000	A
C-AB	5.85	5.85	80.81	0.073	5.85	0.1	0.1	10.822	B
C-A	4.44	4.44			4.44				
A-B	0.00	0.00			0.00				
A-C	8.39	8.39			8.39				

15:00 - 15:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	5.50	5.50	92.51	0.060	5.53	0.1	0.1	9.037	A
B-A	0.00	0.00	122.36	0.000	0.00	0.0	0.0	0.000	A
C-AB	1.42	1.42	79.25	0.018	1.47	0.1	0.0	11.451	B
C-A	2.35	2.35			2.35				
A-B	0.00	0.00			0.00				
A-C	3.60	3.60			3.60				

15:15 - 15:30

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	5.50	5.50	92.05	0.060	5.49	0.1	0.1	10.398	B
B-A	0.00	0.00	116.90	0.000	0.00	0.0	0.0	0.000	A
C-AB	10.23	10.23	80.99	0.126	10.10	0.0	0.1	12.700	B
C-A	4.19	4.19			4.19				
A-B	0.00	0.00			0.00				
A-C	4.80	4.80			4.80				

15:30 - 15:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	5.50	5.50	91.69	0.060	5.50	0.1	0.1	10.441	B
B-A	0.00	0.00	121.49	0.000	0.00	0.0	0.0	0.000	A
C-AB	1.26	1.26	143.13	0.008	1.39	0.1	0.0	10.698	B
C-A	5.94	5.94			5.94				
A-B	0.00	0.00			0.00				
A-C	6.17	6.17			6.17				

15:45 - 16:00

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	4.12	4.12	92.20	0.045	4.14	0.1	0.0	10.222	B
B-A	0.00	0.00	122.56	0.000	0.00	0.0	0.0	0.000	A
C-AB	1.40	1.40	78.62	0.018	1.40	0.0	0.0	8.932	A
C-A	1.18	1.18			1.18				
A-B	0.00	0.00			0.00				
A-C	3.60	3.60			3.60				

16:00 - 16:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	2.75	2.75	92.05	0.030	2.76	0.0	0.0	10.081	B
B-A	0.00	0.00	120.50	0.000	0.00	0.0	0.0	0.000	A
C-AB	4.25	4.25	79.00	0.054	4.21	0.0	0.1	12.051	B
C-A	2.27	2.27			2.27				
A-B	0.00	0.00			0.00				
A-C	4.80	4.80			4.80				

16:15 - 16:30

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	2.75	2.75	92.52	0.030	2.75	0.0	0.0	10.027	B
B-A	0.00	0.00	122.71	0.000	0.00	0.0	0.0	0.000	A
C-AB	1.44	1.44	80.43	0.018	1.48	0.1	0.0	11.471	B
C-A	3.53	3.53			3.53				
A-B	0.00	0.00			0.00				
A-C	1.20	1.20			1.20				

16:30 - 16:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	6.17	6.17	150.08	0.041	6.15	0.0	0.1	7.516	A
B-A	0.00	0.00	120.30	0.000	0.00	0.0	0.0	0.000	A
C-AB	5.40	5.40	87.72	0.061	5.35	0.0	0.1	11.181	B
C-A	1.12	1.12			1.12				
A-B	0.00	0.00			0.00				
A-C	4.80	4.80			4.80				

16:45 - 17:00

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	6.52	6.52	113.59	0.058	6.52	0.1	0.1	7.340	A
B-A	0.00	0.00	123.69	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	89.67	0.000	0.07	0.1	0.0	10.165	B
C-A	2.40	2.40			2.40				
A-B	0.00	0.00			0.00				
A-C	1.20	1.20			1.20				

17:00 - 17:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	112.78	0.000	0.05	0.1	0.0	0.000	A
B-A	0.00	0.00	122.31	0.000	0.00	0.0	0.0	0.000	A
C-AB	1.40	1.40	78.00	0.018	1.38	0.0	0.0	11.735	B
C-A	1.18	1.18			1.18				
A-B	0.00	0.00			0.00				
A-C	4.80	4.80			4.80				

17:15 - 17:30

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	151.51	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	135.20	0.000	0.00	0.0	0.0	0.000	A
C-AB	1.42	1.42	79.40	0.018	1.42	0.0	0.0	11.584	B
C-A	2.35	2.35			2.35				
A-B	0.00	0.00			0.00				
A-C	1.20	1.20			1.20				

17:30 - 17:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	3.77	3.77	135.86	0.028	3.74	0.0	0.0	7.685	A
B-A	0.00	0.00	122.28	0.000	0.00	0.0	0.0	0.000	A
C-AB	3.95	3.95	91.35	0.043	3.92	0.0	0.0	10.740	B
C-A	0.00	0.00			0.00				
A-B	0.00	0.00			0.00				
A-C	0.00	0.00			0.00				

17:45 - 18:00

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	4.97	4.97	145.15	0.034	4.97	0.0	0.0	6.614	A
B-A	0.00	0.00	123.45	0.000	0.00	0.0	0.0	0.000	A
C-AB	1.37	1.37	77.93	0.018	1.40	0.0	0.0	10.473	B
C-A	0.00	0.00			0.00				
A-B	0.00	0.00			0.00				
A-C	0.00	0.00			0.00				

18:00 - 18:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	2.75	2.75	92.80	0.030	2.76	0.0	0.0	7.652	A
B-A	0.00	0.00	123.42	0.000	0.00	0.0	0.0	0.000	A
C-AB	1.20	1.20	152.50	0.008	1.20	0.0	0.0	9.041	A
C-A	0.00	0.00			0.00				
A-B	0.00	0.00			0.00				
A-C	2.40	2.40			2.40				

18:15 - 18:30

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	2.57	2.57	120.49	0.021	2.57	0.0	0.0	8.834	A
B-A	0.00	0.00	122.95	0.000	0.00	0.0	0.0	0.000	A
C-AB	2.60	2.60	102.18	0.026	2.59	0.0	0.0	8.042	A
C-A	1.17	1.17			1.17				
A-B	0.00	0.00			0.00				
A-C	0.00	0.00			0.00				

18:30 - 18:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	1.20	1.20	182.72	0.006	1.21	0.0	0.0	6.707	A
B-A	0.00	0.00	122.96	0.000	0.00	0.0	0.0	0.000	A
C-AB	1.37	1.37	77.58	0.018	1.38	0.0	0.0	10.000	A
C-A	0.00	0.00			0.00				
A-B	0.00	0.00			0.00				
A-C	2.40	2.40			2.40				

18:45 - 19:00

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	185.35	0.000	0.01	0.0	0.0	0.000	A
B-A	0.00	0.00	123.57	0.000	0.00	0.0	0.0	0.000	A
C-AB	2.40	2.40	154.08	0.015	2.39	0.0	0.0	8.088	A
C-A	0.00	0.00			0.00				
A-B	0.00	0.00			0.00				
A-C	0.00	0.00			0.00				

2027+Adj+Dev,

RECEIVED: 17/12/2025

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	Father O'Keefe/ L3619	T-Junction	Two-way		10.10	B

Junction Network Options

Driving side	Lighting
Left	Normal/unknown

Traffic Demand

Demand Set Details

ID	Scenario name	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time period length (min)	Time segment length (min)	Run automatically	Relationship type	Relationship
D6	2027+Adj+Dev	DIRECT	07:00	19:00	720	15	✓	Simple	D1+D4+D5

Vehicle mix varies over time	Vehicle mix varies over turn	Vehicle mix varies over entry	Vehicle mix source	PCU Factor for a HV (PCU)	O-D data varies over time
✓	✓	✓	HV Percentages	2.00	✓

Demand overview (Traffic)

Arm	Linked arm	Profile type	Use O-D data	Scaling Factor (%)
A - Quarry Access S		DIRECT	✓	100.000
B - Quarry Access		DIRECT	✓	100.000
C - Quarry Access N		DIRECT	✓	100.000

Origin-Destination Data

Demand (Veh/TS)

07:00 - 07:15

From	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
	A - Quarry Access S	0.00	0.00	0.00
	B - Quarry Access	0.00	0.00	7.32
	C - Quarry Access N	0.00	10.35	0.00

Demand (Veh/TS)

07:15 - 07:30

From	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
	A - Quarry Access S	0.00	0.00	0.00
	B - Quarry Access	0.00	0.00	6.28
	C - Quarry Access N	0.00	13.55	0.00

Demand (Veh/TS)

07:30 - 07:45

From	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
	A - Quarry Access S	0.00	0.00	0.00
	B - Quarry Access	0.00	0.00	10.23
	C - Quarry Access N	0.00	12.78	0.00

Demand (Veh/TS)

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
07:45 - 08:00	From			
		A - Quarry Access S	0.00	0.00
		B - Quarry Access	0.00	8.12
		C - Quarry Access N	5.17	10.64

Demand (Veh/TS)

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
08:00 - 08:15	From			
		A - Quarry Access S	0.00	0.00
		B - Quarry Access	0.00	10.65
		C - Quarry Access N	1.03	6.18

Demand (Veh/TS)

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
08:15 - 08:30	From			
		A - Quarry Access S	0.00	1.03
		B - Quarry Access	0.00	9.59
		C - Quarry Access N	0.00	8.30

Demand (Veh/TS)

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
08:30 - 08:45	From			
		A - Quarry Access S	0.00	0.00
		B - Quarry Access	0.00	8.22
		C - Quarry Access N	0.00	5.77

Demand (Veh/TS)

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
08:45 - 09:00	From			
		A - Quarry Access S	0.00	0.00
		B - Quarry Access	0.00	8.20
		C - Quarry Access N	3.13	5.80

Demand (Veh/TS)

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
09:00 - 09:15	From			
		A - Quarry Access S	0.00	2.07
		B - Quarry Access	0.00	8.48
		C - Quarry Access N	1.03	10.72

Demand (Veh/TS)

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
09:15 - 09:30	From			
		A - Quarry Access S	0.00	1.06
		B - Quarry Access	0.00	7.44
		C - Quarry Access N	1.06	9.74

Demand (Veh/TS)

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
09:30 - 09:45	From			
		A - Quarry Access S	0.00	3.13
		B - Quarry Access	0.00	9.98
		C - Quarry Access N	2.07	9.80

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Demand (Veh/TS)

09:45 - 10:00		To			
	From		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
		A - Quarry Access S	0.00	0.00	1.03
		B - Quarry Access	0.00	0.00	7.81
		C - Quarry Access N	3.10	11.95	0.00

Demand (Veh/TS)

10:00 - 10:15		To			
	From		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
		A - Quarry Access S	0.00	0.00	0.00
		B - Quarry Access	0.00	0.00	10.76
		C - Quarry Access N	2.09	8.33	0.00

Demand (Veh/TS)

10:15 - 10:30		To			
	From		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
		A - Quarry Access S	0.00	0.00	3.13
		B - Quarry Access	0.00	0.00	8.67
		C - Quarry Access N	2.07	8.33	0.00

Demand (Veh/TS)

10:30 - 10:45		To			
	From		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
		A - Quarry Access S	0.00	1.03	2.07
		B - Quarry Access	1.03	0.00	9.74
		C - Quarry Access N	3.10	9.96	0.00

Demand (Veh/TS)

10:45 - 11:00		To			
	From		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
		A - Quarry Access S	0.00	0.00	6.20
		B - Quarry Access	0.00	0.00	6.67
		C - Quarry Access N	5.20	7.81	0.00

Demand (Veh/TS)

11:00 - 11:15		To			
	From		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
		A - Quarry Access S	0.00	0.00	2.07
		B - Quarry Access	0.00	0.00	8.48
		C - Quarry Access N	5.20	16.20	0.00

Demand (Veh/TS)

11:15 - 11:30		To			
	From		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
		A - Quarry Access S	0.00	0.00	4.16
		B - Quarry Access	0.00	0.00	10.65
		C - Quarry Access N	2.07	8.73	0.00

Demand (Veh/TS)

11:30 - 11:45		To			
	From		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
		A - Quarry Access S	0.00	0.00	4.14
		B - Quarry Access	0.00	0.00	8.37
		C - Quarry Access N	4.14	7.50	0.00

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Demand (Veh/TS)

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
11:45 - 12:00	From			
		A - Quarry Access S	0.00	0.00
		B - Quarry Access	0.00	0.00
		C - Quarry Access N	2.07	6.47
				0.00

Demand (Veh/TS)

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
12:00 - 12:15	From			
		A - Quarry Access S	0.00	0.00
		B - Quarry Access	0.00	0.00
		C - Quarry Access N	7.26	7.68
				0.00

Demand (Veh/TS)

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
12:15 - 12:30	From			
		A - Quarry Access S	0.00	0.00
		B - Quarry Access	0.00	0.00
		C - Quarry Access N	1.03	6.67
				0.00

Demand (Veh/TS)

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
12:30 - 12:45	From			
		A - Quarry Access S	0.00	0.00
		B - Quarry Access	0.00	0.00
		C - Quarry Access N	2.07	8.35
				0.00

Demand (Veh/TS)

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
12:45 - 13:00	From			
		A - Quarry Access S	0.00	0.00
		B - Quarry Access	0.00	0.00
		C - Quarry Access N	0.00	5.15
				0.00

Demand (Veh/TS)

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
13:00 - 13:15	From			
		A - Quarry Access S	0.00	0.00
		B - Quarry Access	0.00	0.00
		C - Quarry Access N	4.16	8.86
				0.00

Demand (Veh/TS)

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
13:15 - 13:30	From			
		A - Quarry Access S	0.00	0.00
		B - Quarry Access	0.00	0.00
		C - Quarry Access N	3.13	6.74
				0.00

Demand (Veh/TS)

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
13:30 - 13:45	From			
		A - Quarry Access S	0.00	0.00
		B - Quarry Access	0.00	0.00
		C - Quarry Access N	1.03	7.19
				0.00

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Demand (Veh/TS)

13:45 - 14:00

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
From	A - Quarry Access S	0.00	0.00	5.17
	B - Quarry Access	0.00	0.00	5.32
	C - Quarry Access N	2.07	9.33	0.00

Demand (Veh/TS)

14:00 - 14:15

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
From	A - Quarry Access S	0.00	0.00	2.07
	B - Quarry Access	0.00	0.00	12.42
	C - Quarry Access N	4.14	11.70	0.00

Demand (Veh/TS)

14:15 - 14:30

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
From	A - Quarry Access S	0.00	0.00	3.10
	B - Quarry Access	0.00	0.00	10.42
	C - Quarry Access N	3.10	9.53	0.00

Demand (Veh/TS)

14:30 - 14:45

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
From	A - Quarry Access S	0.00	0.00	5.20
	B - Quarry Access	0.00	0.00	12.07
	C - Quarry Access N	4.14	8.13	0.00

Demand (Veh/TS)

14:45 - 15:00

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
From	A - Quarry Access S	0.00	0.00	7.24
	B - Quarry Access	0.00	0.00	12.05
	C - Quarry Access N	4.14	7.12	0.00

Demand (Veh/TS)

15:00 - 15:15

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
From	A - Quarry Access S	0.00	0.00	3.10
	B - Quarry Access	0.00	0.00	6.67
	C - Quarry Access N	2.07	3.56	0.00

Demand (Veh/TS)

15:15 - 15:30

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
From	A - Quarry Access S	0.00	0.00	4.14
	B - Quarry Access	0.00	0.00	6.67
	C - Quarry Access N	4.14	9.92	0.00

Demand (Veh/TS)

15:30 - 15:45

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
From	A - Quarry Access S	0.00	0.00	5.20
	B - Quarry Access	0.00	0.00	5.91
	C - Quarry Access N	5.17	3.41	0.00

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Demand (Veh/TS)

15:45 - 16:00

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
From	A - Quarry Access S	0.00	0.00	3.10
	B - Quarry Access	0.00	0.00	4.85
	C - Quarry Access N	1.03	3.43	0.00

Demand (Veh/TS)

16:00 - 16:15

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
From	A - Quarry Access S	0.00	0.00	4.14
	B - Quarry Access	0.00	0.00	3.91
	C - Quarry Access N	2.07	5.21	0.00

Demand (Veh/TS)

16:15 - 16:30

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
From	A - Quarry Access S	0.00	0.00	1.03
	B - Quarry Access	0.00	0.00	3.91
	C - Quarry Access N	3.10	3.09	0.00

Demand (Veh/TS)

16:30 - 16:45

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
From	A - Quarry Access S	0.00	0.00	4.14
	B - Quarry Access	0.00	0.00	7.28
	C - Quarry Access N	1.03	5.96	0.00

Demand (Veh/TS)

16:45 - 17:00

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
From	A - Quarry Access S	0.00	0.00	1.03
	B - Quarry Access	0.00	0.00	7.33
	C - Quarry Access N	2.07	1.75	0.00

Demand (Veh/TS)

17:00 - 17:15

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
From	A - Quarry Access S	0.00	0.00	4.14
	B - Quarry Access	0.00	0.00	1.48
	C - Quarry Access N	1.03	1.93	0.00

Demand (Veh/TS)

17:15 - 17:30

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
From	A - Quarry Access S	0.00	0.00	1.03
	B - Quarry Access	0.00	0.00	1.48
	C - Quarry Access N	2.07	1.93	0.00

Demand (Veh/TS)

17:30 - 17:45

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
From	A - Quarry Access S	0.00	0.00	0.00
	B - Quarry Access	0.00	0.00	6.25
	C - Quarry Access N	0.00	3.58	0.00

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Demand (Veh/TS)

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
17:45 - 18:00	From	A - Quarry Access S	0.00	0.00
		B - Quarry Access	0.00	7.29
		C - Quarry Access N	0.00	1.49
				0.00

Demand (Veh/TS)

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
18:00 - 18:15	From	A - Quarry Access S	0.00	2.07
		B - Quarry Access	0.00	3.31
		C - Quarry Access N	0.00	1.18
				0.00

Demand (Veh/TS)

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
18:15 - 18:30	From	A - Quarry Access S	0.00	0.00
		B - Quarry Access	0.00	3.28
		C - Quarry Access N	1.03	2.24
				0.00

Demand (Veh/TS)

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
18:30 - 18:45	From	A - Quarry Access S	0.00	2.07
		B - Quarry Access	0.00	1.18
		C - Quarry Access N	0.00	1.20
				0.00

Demand (Veh/TS)

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
18:45 - 19:00	From	A - Quarry Access S	0.00	0.00
		B - Quarry Access	0.00	0.15
		C - Quarry Access N	0.00	2.21
				0.00

Vehicle Mix

Heavy Vehicle Percentages

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
07:00 - 07:15	From	A - Quarry Access S	0	0
		B - Quarry Access	0	83
		C - Quarry Access N	0	65
				0

Heavy Vehicle Percentages

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
07:15 - 07:30	From	A - Quarry Access S	0	0
		B - Quarry Access	0	96
		C - Quarry Access N	0	81
				0

Heavy Vehicle Percentages

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
07:30 - 07:45	From	A - Quarry Access S	0	0
		B - Quarry Access	0	97
		C - Quarry Access N	0	97
				0

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Heavy Vehicle Percentages

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
07:45 - 08:00	From			
		A - Quarry Access S	0	0
		B - Quarry Access	0	96
		C - Quarry Access N	0	87

Heavy Vehicle Percentages

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
08:00 - 08:15	From			
		A - Quarry Access S	0	0
		B - Quarry Access	0	98
		C - Quarry Access N	0	95

Heavy Vehicle Percentages

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
08:15 - 08:30	From			
		A - Quarry Access S	0	0
		B - Quarry Access	0	98
		C - Quarry Access N	0	96

Heavy Vehicle Percentages

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
08:30 - 08:45	From			
		A - Quarry Access S	0	0
		B - Quarry Access	0	84
		C - Quarry Access N	0	77

Heavy Vehicle Percentages

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
08:45 - 09:00	From			
		A - Quarry Access S	0	0
		B - Quarry Access	0	71
		C - Quarry Access N	34	95

Heavy Vehicle Percentages

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
09:00 - 09:15	From			
		A - Quarry Access S	0	0
		B - Quarry Access	0	84
		C - Quarry Access N	0	68

Heavy Vehicle Percentages

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
09:15 - 09:30	From			
		A - Quarry Access S	0	100
		B - Quarry Access	0	95
		C - Quarry Access N	100	96

Heavy Vehicle Percentages

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
09:30 - 09:45	From			
		A - Quarry Access S	0	34
		B - Quarry Access	0	97
		C - Quarry Access N	0	75

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Heavy Vehicle Percentages

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
09:45 - 10:00	From			
		A - Quarry Access S	0	0
		B - Quarry Access	0	70
		C - Quarry Access N	0	88

Heavy Vehicle Percentages

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
10:00 - 10:15	From			
		A - Quarry Access S	0	0
		B - Quarry Access	0	88
		C - Quarry Access N	51	85

Heavy Vehicle Percentages

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
10:15 - 10:30	From			
		A - Quarry Access S	0	34
		B - Quarry Access	0	97
		C - Quarry Access N	0	85

Heavy Vehicle Percentages

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
10:30 - 10:45	From			
		A - Quarry Access S	0	0
		B - Quarry Access	0	55
		C - Quarry Access N	0	74

Heavy Vehicle Percentages

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
10:45 - 11:00	From			
		A - Quarry Access S	0	0
		B - Quarry Access	0	96
		C - Quarry Access N	20	54

Heavy Vehicle Percentages

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
11:00 - 11:15	From			
		A - Quarry Access S	0	0
		B - Quarry Access	0	73
		C - Quarry Access N	20	84

Heavy Vehicle Percentages

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
11:15 - 11:30	From			
		A - Quarry Access S	0	25
		B - Quarry Access	0	98
		C - Quarry Access N	0	47

Heavy Vehicle Percentages

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
11:30 - 11:45	From			
		A - Quarry Access S	0	0
		B - Quarry Access	0	85
		C - Quarry Access N	0	69

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Heavy Vehicle Percentages

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
11:45 - 12:00	From			
		A - Quarry Access S	0	0
		B - Quarry Access	0	51
		C - Quarry Access N	0	54
			80	0

Heavy Vehicle Percentages

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
12:00 - 12:15	From			
		A - Quarry Access S	0	0
		B - Quarry Access	0	97
		C - Quarry Access N	15	0
			71	

Heavy Vehicle Percentages

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
12:15 - 12:30	From			
		A - Quarry Access S	0	0
		B - Quarry Access	0	96
		C - Quarry Access N	0	0
			98	

Heavy Vehicle Percentages

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
12:30 - 12:45	From			
		A - Quarry Access S	0	0
		B - Quarry Access	0	93
		C - Quarry Access N	0	0
			97	

Heavy Vehicle Percentages

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
12:45 - 13:00	From			
		A - Quarry Access S	0	67
		B - Quarry Access	0	96
		C - Quarry Access N	0	0
			76	

Heavy Vehicle Percentages

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
13:00 - 13:15	From			
		A - Quarry Access S	0	0
		B - Quarry Access	0	77
		C - Quarry Access N	25	0
			97	

Heavy Vehicle Percentages

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
13:15 - 13:30	From			
		A - Quarry Access S	0	0
		B - Quarry Access	0	97
		C - Quarry Access N	34	0
			96	

Heavy Vehicle Percentages

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
13:30 - 13:45	From			
		A - Quarry Access S	0	0
		B - Quarry Access	0	75
		C - Quarry Access N	0	0
			67	

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Heavy Vehicle Percentages

13:45 - 14:00

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
From	A - Quarry Access S	0	0	0
	B - Quarry Access	0	0	93
	C - Quarry Access N	0	85	0

Heavy Vehicle Percentages

14:00 - 14:15

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
From	A - Quarry Access S	0	0	0
	B - Quarry Access	0	0	46
	C - Quarry Access N	0	88	0

Heavy Vehicle Percentages

14:15 - 14:30

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
From	A - Quarry Access S	0	0	0
	B - Quarry Access	0	0	85
	C - Quarry Access N	0	64	0

Heavy Vehicle Percentages

14:30 - 14:45

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
From	A - Quarry Access S	0	0	20
	B - Quarry Access	0	0	69
	C - Quarry Access N	0	71	0

Heavy Vehicle Percentages

14:45 - 15:00

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
From	A - Quarry Access S	0	0	0
	B - Quarry Access	0	0	61
	C - Quarry Access N	0	96	0

Heavy Vehicle Percentages

15:00 - 15:15

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
From	A - Quarry Access S	0	0	0
	B - Quarry Access	0	0	96
	C - Quarry Access N	0	92	0

Heavy Vehicle Percentages

15:15 - 15:30

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
From	A - Quarry Access S	0	0	0
	B - Quarry Access	0	0	96
	C - Quarry Access N	0	97	0

Heavy Vehicle Percentages

15:30 - 15:45

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
From	A - Quarry Access S	0	0	20
	B - Quarry Access	0	0	97
	C - Quarry Access N	0	62	0

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Heavy Vehicle Percentages

15:45 - 16:00

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
From	A - Quarry Access S	0	0	0
	B - Quarry Access	0	0	96
	C - Quarry Access N	0	92	0

Heavy Vehicle Percentages

16:00 - 16:15

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
From	A - Quarry Access S	0	0	0
	B - Quarry Access	0	0	95
	C - Quarry Access N	0	96	0

Heavy Vehicle Percentages

16:15 - 16:30

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
From	A - Quarry Access S	0	0	0
	B - Quarry Access	0	0	95
	C - Quarry Access N	0	93	0

Heavy Vehicle Percentages

16:30 - 16:45

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
From	A - Quarry Access S	0	0	0
	B - Quarry Access	0	0	40
	C - Quarry Access N	0	79	0

Heavy Vehicle Percentages

16:45 - 17:00

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
From	A - Quarry Access S	0	0	0
	B - Quarry Access	0	0	69
	C - Quarry Access N	0	89	0

Heavy Vehicle Percentages

17:00 - 17:15

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
From	A - Quarry Access S	0	0	0
	B - Quarry Access	0	0	89
	C - Quarry Access N	0	95	0

Heavy Vehicle Percentages

17:15 - 17:30

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
From	A - Quarry Access S	0	0	0
	B - Quarry Access	0	0	89
	C - Quarry Access N	0	95	0

Heavy Vehicle Percentages

17:30 - 17:45

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
From	A - Quarry Access S	0	0	0
	B - Quarry Access	0	0	61
	C - Quarry Access N	0	70	0

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Heavy Vehicle Percentages

17:45 - 18:00	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
	From	A - Quarry Access S	0	0
	B - Quarry Access	0	0	53
	C - Quarry Access N	0	97	0

Heavy Vehicle Percentages

18:00 - 18:15	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
	From	A - Quarry Access S	0	0
	B - Quarry Access	0	0	96
	C - Quarry Access N	0	11	0

Heavy Vehicle Percentages

18:15 - 18:30	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
	From	A - Quarry Access S	0	0
	B - Quarry Access	0	0	65
	C - Quarry Access N	0	53	0

Heavy Vehicle Percentages

18:30 - 18:45	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
	From	A - Quarry Access S	0	0
	B - Quarry Access	0	0	11
	C - Quarry Access N	0	99	0

Heavy Vehicle Percentages

18:45 - 19:00	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
	From	A - Quarry Access S	0	0
	B - Quarry Access	0	0	89
	C - Quarry Access N	0	6	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (Veh)	Max LOS	Average Demand (Veh/TS)	Total Junction Arrivals (Veh)
B-C	0.12	10.79	0.1	B	7.19	344.88
B-A	0.01	7.70	0.0	A	0.02	1.03
C-AB	0.20	12.96	0.2	B	7.24	347.36
C-A					1.95	93.70
A-B					0.02	1.03
A-C					2.22	106.74

Main Results for each time segment

07:00 - 07:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	7.32	7.32	101.39	0.072	7.24	0.0	0.1	9.551	A
B-A	0.00	0.00	119.21	0.000	0.00	0.0	0.0	0.000	A
C-AB	10.35	10.35	94.20	0.110	10.23	0.0	0.1	10.702	B
C-A	0.00	0.00			0.00				
A-B	0.00	0.00			0.00				
A-C	0.00	0.00			0.00				

07:15 - 07:30

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	6.28	6.28	94.43	0.067	6.29	0.1	0.1	9.814	A
B-A	0.00	0.00	116.93	0.000	0.00	0.0	0.0	0.000	A
C-AB	13.55	13.55	85.93	0.158	13.50	0.1	0.2	11.867	B
C-A	0.00	0.00			0.00				
A-B	0.00	0.00			0.00				
A-C	0.00	0.00			0.00				

07:30 - 07:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	10.23	10.23	94.09	0.109	10.18	0.1	0.1	10.707	B
B-A	0.00	0.00	116.67	0.000	0.00	0.0	0.0	0.000	A
C-AB	12.78	12.78	78.72	0.163	12.78	0.2	0.2	12.964	B
C-A	0.00	0.00			0.00				
A-B	0.00	0.00			0.00				
A-C	0.00	0.00			0.00				

07:45 - 08:00

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	8.12	8.12	94.46	0.086	8.14	0.1	0.1	10.453	B
B-A	0.00	0.00	117.57	0.000	0.00	0.0	0.0	0.000	A
C-AB	11.32	11.32	87.09	0.130	11.34	0.2	0.2	12.489	B
C-A	4.49	4.49			4.49				
A-B	0.00	0.00			0.00				
A-C	0.00	0.00			0.00				

08:00 - 08:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	10.65	10.65	93.73	0.114	10.62	0.1	0.1	10.786	B
B-A	0.00	0.00	120.48	0.000	0.00	0.0	0.0	0.000	A
C-AB	6.26	6.26	80.64	0.078	6.34	0.2	0.1	11.632	B
C-A	0.95	0.95			0.95				
A-B	0.00	0.00			0.00				
A-C	0.00	0.00			0.00				

08:15 - 08:30

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	9.59	9.59	93.70	0.102	9.60	0.1	0.1	10.710	B
B-A	0.00	0.00	119.17	0.000	0.00	0.0	0.0	0.000	A
C-AB	8.30	8.30	78.99	0.105	8.27	0.1	0.1	12.641	B
C-A	0.00	0.00			0.00				
A-B	0.00	0.00			0.00				
A-C	1.03	1.03			1.03				

08:30 - 08:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	8.22	8.22	100.90	0.081	8.24	0.1	0.1	10.140	B
B-A	0.00	0.00	121.17	0.000	0.00	0.0	0.0	0.000	A
C-AB	5.77	5.77	87.36	0.066	5.81	0.1	0.1	11.763	B
C-A	0.00	0.00			0.00				
A-B	0.00	0.00			0.00				
A-C	0.00	0.00			0.00				

08:45 - 09:00

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	8.20	8.20	108.40	0.076	8.21	0.1	0.1	9.336	A
B-A	0.00	0.00	120.32	0.000	0.00	0.0	0.0	0.000	A
C-AB	6.03	6.03	81.98	0.074	6.03	0.1	0.1	11.358	B
C-A	2.89	2.89			2.89				
A-B	0.00	0.00			0.00				
A-C	0.00	0.00			0.00				

09:00 - 09:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	8.48	8.48	100.69	0.084	8.47	0.1	0.1	9.402	A
B-A	0.00	0.00	118.32	0.000	0.00	0.0	0.0	0.000	A
C-AB	10.84	10.84	92.97	0.116	10.78	0.1	0.1	11.609	B
C-A	0.91	0.91			0.91				
A-B	0.00	0.00			0.00				
A-C	2.07	2.07			2.07				

09:15 - 09:30

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	7.44	7.44	94.69	0.079	7.45	0.1	0.1	9.970	A
B-A	0.00	0.00	117.80	0.000	0.00	0.0	0.0	0.000	A
C-AB	9.87	9.87	79.65	0.124	9.88	0.1	0.1	11.788	B
C-A	0.93	0.93			0.93				
A-B	0.00	0.00			0.00				
A-C	1.06	1.06			1.06				

09:30 - 09:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	9.98	9.98	93.44	0.107	9.95	0.1	0.1	10.725	B
B-A	0.00	0.00	117.95	0.000	0.00	0.0	0.0	0.000	A
C-AB	10.04	10.04	89.60	0.112	10.03	0.1	0.1	12.132	B
C-A	1.83	1.83			1.83				
A-B	0.00	0.00			0.00				
A-C	3.13	3.13			3.13				

09:45 - 10:00

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	7.81	7.81	108.65	0.072	7.84	0.1	0.1	9.777	A
B-A	0.00	0.00	116.89	0.000	0.00	0.0	0.0	0.000	A
C-AB	12.41	12.41	84.91	0.146	12.37	0.1	0.2	12.011	B
C-A	2.64	2.64			2.64				
A-B	0.00	0.00			0.00				
A-C	1.03	1.03			1.03				

10:00 - 10:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	10.76	10.76	98.64	0.109	10.73	0.1	0.1	9.780	A
B-A	0.00	0.00	119.19	0.000	0.00	0.0	0.0	0.000	A
C-AB	8.54	8.54	85.35	0.100	8.59	0.2	0.1	11.765	B
C-A	1.88	1.88			1.88				
A-B	0.00	0.00			0.00				
A-C	0.00	0.00			0.00				

10:15 - 10:30

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	8.67	8.67	93.54	0.093	8.68	0.1	0.1	10.317	B
B-A	0.00	0.00	118.48	0.000	0.00	0.0	0.0	0.000	A
C-AB	8.54	8.54	85.03	0.100	8.54	0.1	0.1	11.811	B
C-A	1.86	1.86			1.86				
A-B	0.00	0.00			0.00				
A-C	3.13	3.13			3.13				

10:30 - 10:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	9.74	9.74	118.69	0.082	9.74	0.1	0.1	9.401	A
B-A	1.03	1.03	117.93	0.009	1.03	0.0	0.0	7.698	A
C-AB	10.31	10.31	90.94	0.113	10.29	0.1	0.1	11.513	B
C-A	2.75	2.75			2.75				
A-B	1.03	1.03			1.03				
A-C	2.07	2.07			2.07				

10:45 - 11:00

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	6.67	6.67	94.02	0.071	6.70	0.1	0.1	8.970	A
B-A	0.00	0.00	118.38	0.000	0.01	0.0	0.0	0.000	A
C-AB	8.23	8.23	103.30	0.080	8.27	0.1	0.1	10.187	B
C-A	4.78	4.78			4.78				
A-B	0.00	0.00			0.00				
A-C	6.20	6.20			6.20				

11:00 - 11:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	8.48	8.48	106.82	0.079	8.46	0.1	0.1	9.726	A
B-A	0.00	0.00	114.08	0.000	0.00	0.0	0.0	0.000	A
C-AB	17.22	17.22	87.98	0.196	17.09	0.1	0.2	11.907	B
C-A	4.17	4.17			4.17				
A-B	0.00	0.00			0.00				
A-C	2.07	2.07			2.07				

11:15 - 11:30

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	10.65	10.65	93.13	0.115	10.62	0.1	0.1	10.234	B
B-A	0.00	0.00	118.97	0.000	0.00	0.0	0.0	0.000	A
C-AB	8.91	8.91	105.47	0.084	9.03	0.2	0.1	10.870	B
C-A	1.89	1.89			1.89				
A-B	0.00	0.00			0.00				
A-C	4.16	4.16			4.16				

11:30 - 11:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	8.37	8.37	99.51	0.084	8.40	0.1	0.1	10.287	B
B-A	0.00	0.00	119.05	0.000	0.00	0.0	0.0	0.000	A
C-AB	7.85	7.85	94.62	0.083	7.87	0.1	0.1	9.687	A
C-A	3.79	3.79			3.79				
A-B	0.00	0.00			0.00				
A-C	4.14	4.14			4.14				

11:45 - 12:00

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	7.26	7.26	119.33	0.061	7.29	0.1	0.1	8.929	A
B-A	0.00	0.00	119.84	0.000	0.00	0.0	0.0	0.000	A
C-AB	6.63	6.63	87.43	0.076	6.64	0.1	0.1	10.706	B
C-A	1.91	1.91			1.91				
A-B	0.00	0.00			0.00				
A-C	2.09	2.09			2.09				

12:00 - 12:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	8.40	8.40	94.10	0.089	8.39	0.1	0.1	9.361	A
B-A	0.00	0.00	119.23	0.000	0.00	0.0	0.0	0.000	A
C-AB	8.31	8.31	96.18	0.086	8.29	0.1	0.1	10.577	B
C-A	6.63	6.63			6.63				
A-B	0.00	0.00			0.00				
A-C	0.00	0.00			0.00				

12:15 - 12:30

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	5.22	5.22	93.85	0.056	5.25	0.1	0.1	10.215	B
B-A	0.00	0.00	118.87	0.000	0.00	0.0	0.0	0.000	A
C-AB	6.76	6.76	78.77	0.086	6.77	0.1	0.1	11.400	B
C-A	0.94	0.94			0.94				
A-B	0.00	0.00			0.00				
A-C	6.20	6.20			6.20				

12:30 - 12:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	3.24	3.24	95.47	0.034	3.26	0.1	0.0	9.860	A
B-A	0.00	0.00	117.97	0.000	0.00	0.0	0.0	0.000	A
C-AB	8.58	8.58	79.70	0.108	8.54	0.1	0.1	12.694	B
C-A	1.84	1.84			1.84				
A-B	0.00	0.00			0.00				
A-C	5.17	5.17			5.17				

12:45 - 13:00

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	5.35	5.35	94.08	0.057	5.33	0.0	0.1	10.080	B
B-A	0.00	0.00	120.42	0.000	0.00	0.0	0.0	0.000	A
C-AB	5.15	5.15	87.39	0.059	5.20	0.1	0.1	11.725	B
C-A	0.00	0.00			0.00				
A-B	0.00	0.00			0.00				
A-C	3.15	3.15			3.15				

13:00 - 13:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	5.84	5.84	104.15	0.056	5.83	0.1	0.1	9.624	A
B-A	0.00	0.00	117.93	0.000	0.00	0.0	0.0	0.000	A
C-AB	9.34	9.34	81.84	0.114	9.28	0.1	0.1	11.955	B
C-A	3.68	3.68			3.68				
A-B	0.00	0.00			0.00				
A-C	2.07	2.07			2.07				

13:15 - 13:30

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	11.16	11.16	93.96	0.119	11.09	0.1	0.1	10.431	B
B-A	0.00	0.00	119.73	0.000	0.00	0.0	0.0	0.000	A
C-AB	7.02	7.02	81.55	0.086	7.04	0.1	0.1	12.076	B
C-A	2.85	2.85			2.85				
A-B	0.00	0.00			0.00				
A-C	0.00	0.00			0.00				

13:30 - 13:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	9.51	9.51	105.99	0.090	9.53	0.1	0.1	10.041	B
B-A	0.00	0.00	120.52	0.000	0.00	0.0	0.0	0.000	A
C-AB	7.27	7.27	93.66	0.077	7.27	0.1	0.1	11.322	B
C-A	0.95	0.95			0.95				
A-B	0.00	0.00			0.00				
A-C	0.00	0.00			0.00				

13:45 - 14:00

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	5.32	5.32	95.31	0.056	5.37	0.1	0.1	9.372	A
B-A	0.00	0.00	117.73	0.000	0.00	0.0	0.0	0.000	A
C-AB	9.57	9.57	84.80	0.113	9.54	0.1	0.1	11.418	B
C-A	1.83	1.83			1.83				
A-B	0.00	0.00			0.00				
A-C	5.17	5.17			5.17				

14:00 - 14:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	12.42	12.42	126.56	0.098	12.35	0.1	0.1	8.725	A
B-A	0.00	0.00	116.68	0.000	0.00	0.0	0.0	0.000	A
C-AB	12.30	12.30	85.59	0.144	12.25	0.1	0.2	12.247	B
C-A	3.54	3.54			3.54				
A-B	0.00	0.00			0.00				
A-C	2.07	2.07			2.07				

14:15 - 14:30

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	10.42	10.42	99.96	0.105	10.44	0.1	0.1	8.801	A
B-A	0.00	0.00	118.49	0.000	0.00	0.0	0.0	0.000	A
C-AB	9.85	9.85	96.55	0.102	9.89	0.2	0.1	11.251	B
C-A	2.78	2.78			2.78				
A-B	0.00	0.00			0.00				
A-C	3.10	3.10			3.10				

14:30 - 14:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	12.07	12.07	108.37	0.111	12.05	0.1	0.1	9.784	A
B-A	0.00	0.00	118.24	0.000	0.00	0.0	0.0	0.000	A
C-AB	8.51	8.51	93.43	0.091	8.54	0.1	0.1	10.394	B
C-A	3.75	3.75			3.75				
A-B	0.00	0.00			0.00				
A-C	5.20	5.20			5.20				

14:45 - 15:00

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	12.05	12.05	114.06	0.106	12.06	0.1	0.1	9.084	A
B-A	0.00	0.00	118.03	0.000	0.00	0.0	0.0	0.000	A
C-AB	7.50	7.50	82.05	0.092	7.51	0.1	0.1	11.244	B
C-A	3.75	3.75			3.75				
A-B	0.00	0.00			0.00				
A-C	7.24	7.24			7.24				

15:00 - 15:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	6.67	6.67	94.45	0.071	6.72	0.1	0.1	9.028	A
B-A	0.00	0.00	121.27	0.000	0.00	0.0	0.0	0.000	A
C-AB	3.66	3.66	81.99	0.045	3.71	0.1	0.0	11.536	B
C-A	1.97	1.97			1.97				
A-B	0.00	0.00			0.00				
A-C	3.10	3.10			3.10				

15:15 - 15:30

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	6.67	6.67	94.00	0.071	6.66	0.1	0.1	10.302	B
B-A	0.00	0.00	117.01	0.000	0.00	0.0	0.0	0.000	A
C-AB	10.45	10.45	81.59	0.128	10.35	0.0	0.1	12.573	B
C-A	3.60	3.60			3.60				
A-B	0.00	0.00			0.00				
A-C	4.14	4.14			4.14				

15:30 - 15:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	5.91	5.91	93.30	0.063	5.91	0.1	0.1	10.276	B
B-A	0.00	0.00	120.57	0.000	0.00	0.0	0.0	0.000	A
C-AB	3.61	3.61	98.19	0.036	3.71	0.1	0.0	11.011	B
C-A	4.97	4.97			4.97				
A-B	0.00	0.00			0.00				
A-C	5.20	5.20			5.20				

15:45 - 16:00

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	4.85	4.85	94.03	0.052	4.86	0.1	0.1	10.115	B
B-A	0.00	0.00	121.51	0.000	0.00	0.0	0.0	0.000	A
C-AB	3.48	3.48	81.27	0.043	3.48	0.0	0.0	10.553	B
C-A	0.99	0.99			0.99				
A-B	0.00	0.00			0.00				
A-C	3.10	3.10			3.10				

16:00 - 16:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	3.91	3.91	94.48	0.041	3.92	0.1	0.0	9.975	A
B-A	0.00	0.00	120.09	0.000	0.00	0.0	0.0	0.000	A
C-AB	5.35	5.35	80.48	0.067	5.32	0.0	0.1	11.920	B
C-A	1.93	1.93			1.93				
A-B	0.00	0.00			0.00				
A-C	4.14	4.14			4.14				

16:15 - 16:30

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	3.91	3.91	94.91	0.041	3.91	0.0	0.0	9.891	A
B-A	0.00	0.00	121.85	0.000	0.00	0.0	0.0	0.000	A
C-AB	3.22	3.22	82.85	0.039	3.25	0.1	0.0	11.461	B
C-A	2.98	2.98			2.98				
A-B	0.00	0.00			0.00				
A-C	1.03	1.03			1.03				

16:30 - 16:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	7.28	7.28	131.27	0.055	7.26	0.0	0.1	8.296	A
B-A	0.00	0.00	120.07	0.000	0.00	0.0	0.0	0.000	A
C-AB	6.03	6.03	86.71	0.070	6.00	0.0	0.1	11.392	B
C-A	0.96	0.96			0.96				
A-B	0.00	0.00			0.00				
A-C	4.14	4.14			4.14				

16:45 - 17:00

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	7.33	7.33	109.89	0.067	7.33	0.1	0.1	7.997	A
B-A	0.00	0.00	122.78	0.000	0.00	0.0	0.0	0.000	A
C-AB	1.79	1.79	83.77	0.021	1.85	0.1	0.0	10.627	B
C-A	2.02	2.02			2.02				
A-B	0.00	0.00			0.00				
A-C	1.03	1.03			1.03				

17:00 - 17:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	1.48	1.48	97.90	0.015	1.53	0.1	0.0	8.532	A
B-A	0.00	0.00	122.15	0.000	0.00	0.0	0.0	0.000	A
C-AB	1.96	1.96	79.92	0.025	1.96	0.0	0.0	11.343	B
C-A	1.01	1.01			1.01				
A-B	0.00	0.00			0.00				
A-C	4.14	4.14			4.14				

17:15 - 17:30

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	1.48	1.48	97.88	0.015	1.48	0.0	0.0	9.335	A
B-A	0.00	0.00	122.66	0.000	0.00	0.0	0.0	0.000	A
C-AB	1.98	1.98	81.09	0.024	1.98	0.0	0.0	11.412	B
C-A	2.02	2.02			2.02				
A-B	0.00	0.00			0.00				
A-C	1.03	1.03			1.03				

17:30 - 17:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	6.25	6.25	114.75	0.054	6.21	0.0	0.1	8.572	A
B-A	0.00	0.00	122.46	0.000	0.00	0.0	0.0	0.000	A
C-AB	3.58	3.58	91.22	0.039	3.57	0.0	0.0	10.765	B
C-A	0.00	0.00			0.00				
A-B	0.00	0.00			0.00				
A-C	0.00	0.00			0.00				