

Heavy Vehicle Percentages

13:00 - 13:15		To				
	From		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
		A - R624 N	0	42	4	5
		B - L3619	41	0	0	0
		C - R624 S	5	0	0	34
		D - Fota Island Resort	0	0	0	0

Heavy Vehicle Percentages

13:15 - 13:30		To				
	From		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
		A - R624 N	0	15	3	0
		B - L3619	50	0	15	0
		C - R624 S	3	0	0	34
		D - Fota Island Resort	0	0	0	0

Heavy Vehicle Percentages

13:30 - 13:45		To				
	From		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
		A - R624 N	0	45	4	5
		B - L3619	78	0	0	0
		C - R624 S	5	0	0	0
		D - Fota Island Resort	7	0	0	0

Heavy Vehicle Percentages

13:45 - 14:00		To				
	From		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
		A - R624 N	0	75	7	0
		B - L3619	34	0	0	0
		C - R624 S	8	51	0	0
		D - Fota Island Resort	6	0	0	0

Heavy Vehicle Percentages

14:00 - 14:15		To				
	From		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
		A - R624 N	0	69	6	0
		B - L3619	42	0	0	0
		C - R624 S	3	0	0	0
		D - Fota Island Resort	9	0	0	0

Heavy Vehicle Percentages

14:15 - 14:30		To				
	From		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
		A - R624 N	0	23	6	0
		B - L3619	66	0	0	0
		C - R624 S	7	0	0	0
		D - Fota Island Resort	8	0	0	0

Heavy Vehicle Percentages

14:30 - 14:45		To				
	From		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
		A - R624 N	0	56	2	0
		B - L3619	43	0	34	0
		C - R624 S	7	0	0	0
		D - Fota Island Resort	0	0	34	0

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Heavy Vehicle Percentages

14:45 - 15:00		To				
	From		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
		A - R624 N	0	75	4	0
		B - L3619	63	0	0	0
		C - R624 S	5	0	0	0
		D - Fota Island Resort	0	0	0	0

Heavy Vehicle Percentages

15:00 - 15:15		To				
	From		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
		A - R624 N	0	51	4	0
		B - L3619	59	0	0	0
		C - R624 S	6	0	0	0
		D - Fota Island Resort	0	0	0	0

Heavy Vehicle Percentages

15:15 - 15:30		To				
	From		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
		A - R624 N	0	61	3	0
		B - L3619	77	0	0	0
		C - R624 S	9	0	0	0
		D - Fota Island Resort	0	0	0	0

Heavy Vehicle Percentages

15:30 - 15:45		To				
	From		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
		A - R624 N	0	44	3	0
		B - L3619	44	0	0	0
		C - R624 S	2	0	0	0
		D - Fota Island Resort	0	0	0	0

Heavy Vehicle Percentages

15:45 - 16:00		To				
	From		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
		A - R624 N	0	52	3	0
		B - L3619	68	0	17	0
		C - R624 S	8	34	0	0
		D - Fota Island Resort	0	0	0	0

Heavy Vehicle Percentages

16:00 - 16:15		To				
	From		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
		A - R624 N	0	85	1	0
		B - L3619	68	0	0	0
		C - R624 S	2	0	0	0
		D - Fota Island Resort	0	0	0	0

Heavy Vehicle Percentages

16:15 - 16:30		To				
	From		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
		A - R624 N	0	48	3	0
		B - L3619	52	0	0	0
		C - R624 S	5	0	0	0
		D - Fota Island Resort	0	0	0	0

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Heavy Vehicle Percentages

16:30 - 16:45		To				
	From		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
		A - R624 N	0	18	2	0
		B - L3619	34	0	0	0
		C - R624 S	4	0	0	0
		D - Fota Island Resort	0	0	0	0

Heavy Vehicle Percentages

16:45 - 17:00		To				
	From		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
		A - R624 N	0	38	2	0
		B - L3619	45	0	0	0
		C - R624 S	4	0	0	0
		D - Fota Island Resort	0	0	0	0

Heavy Vehicle Percentages

17:00 - 17:15		To				
	From		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
		A - R624 N	0	54	1	0
		B - L3619	30	0	0	0
		C - R624 S	7	0	0	0
		D - Fota Island Resort	0	0	0	0

Heavy Vehicle Percentages

17:15 - 17:30		To				
	From		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
		A - R624 N	0	42	2	0
		B - L3619	23	0	0	0
		C - R624 S	2	34	0	0
		D - Fota Island Resort	0	0	0	0

Heavy Vehicle Percentages

17:30 - 17:45		To				
	From		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
		A - R624 N	0	38	2	0
		B - L3619	45	0	0	0
		C - R624 S	4	0	0	0
		D - Fota Island Resort	0	0	0	0

Heavy Vehicle Percentages

17:45 - 18:00		To				
	From		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
		A - R624 N	0	5	1	0
		B - L3619	67	0	0	0
		C - R624 S	3	0	0	0
		D - Fota Island Resort	0	0	0	0

Heavy Vehicle Percentages

18:00 - 18:15		To				
	From		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
		A - R624 N	0	2	2	0
		B - L3619	65	0	0	0
		C - R624 S	3	0	0	15
		D - Fota Island Resort	0	0	0	0

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Heavy Vehicle Percentages

18:15 - 18:30		To				
	From		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
		A - R624 N	0	99	1	0
		B - L3619	89	0	0	0
		C - R624 S	1	0	0	0
		D - Fota Island Resort	7	0	0	0

Heavy Vehicle Percentages

18:30 - 18:45		To				
	From		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
		A - R624 N	0	2	2	0
		B - L3619	89	0	0	0
		C - R624 S	1	34	0	0
		D - Fota Island Resort	0	0	0	0

Heavy Vehicle Percentages

18:45 - 19:00		To				
	From		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
		A - R624 N	0	4	1	0
		B - L3619	3	0	0	0
		C - R624 S	4	34	0	0
		D - Fota Island Resort	0	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-CD	0.11	14.80	0.1	B	3.98	191.01
B-AD	0.24	30.08	0.3	D	6.73	323.12
A-BCD	0.29	12.04	0.4	B	14.68	704.51
A-B					6.09	292.11
A-C					131.18	6296.71
D-AB	0.31	9.72	0.4	A	15.33	735.70
D-BC	0.12	25.55	0.1	D	2.80	134.39
C-ABD	0.05	10.48	0.1	B	2.22	106.72
C-D					3.54	169.72
C-A					136.11	6533.49

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-CD	2.62	2.62	125.47	0.021	2.60	0.0	0.0	7.325	A
B-AD	3.58	3.58	49.48	0.072	3.51	0.0	0.1	19.546	C
A-BCD	3.13	3.13	86.21	0.036	3.09	0.0	0.0	10.823	B
A-B	3.08	3.08			3.08				
A-C	68.38	68.38			68.38				
D-AB	5.17	5.17	121.57	0.043	5.13	0.0	0.0	7.727	A
D-BC	3.15	3.15	44.48	0.071	3.08	0.0	0.1	21.706	C
C-ABD	1.03	1.03	145.15	0.007	1.03	0.0	0.0	6.244	A
C-D	1.03	1.03			1.03				
C-A	200.71	200.71			200.71				

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-CD	2.07	2.07	142.71	0.014	2.07	0.0	0.0	6.401	A
B-AD	4.16	4.16	44.88	0.093	4.14	0.1	0.1	21.288	C
A-BCD	6.23	6.23	96.29	0.065	6.20	0.0	0.1	10.491	B
A-B	4.11	4.11			4.11				
A-C	75.56	75.56			75.56				
D-AB	3.10	3.10	127.54	0.024	3.12	0.0	0.0	7.233	A
D-BC	0.00	0.00	37.90	0.000	0.07	0.1	0.0	0.000	A
C-ABD	0.00	0.00	285.08	0.000	0.01	0.0	0.0	0.000	A
C-D	2.07	2.07			2.07				
C-A	216.12	216.12			216.12				

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-CD	3.13	3.13	106.12	0.030	3.12	0.0	0.0	7.842	A
B-AD	3.88	3.88	40.27	0.096	3.87	0.1	0.1	24.897	C
A-BCD	8.27	8.27	111.83	0.074	8.26	0.1	0.1	9.363	A
A-B	5.13	5.13			5.13				
A-C	81.90	81.90			81.90				
D-AB	19.67	19.67	120.70	0.163	19.51	0.0	0.2	8.806	A
D-BC	0.00	0.00	51.74	0.000	0.00	0.0	0.0	0.000	A
C-ABD	2.07	2.07	138.53	0.015	2.05	0.0	0.0	6.594	A
C-D	0.00	0.00			0.00				
C-A	214.16	214.16			214.16				

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-CD	1.06	1.06	71.19	0.015	1.08	0.0	0.0	9.714	A
B-AD	5.94	5.94	48.65	0.122	5.90	0.1	0.1	22.850	C
A-BCD	11.40	11.40	94.92	0.120	11.36	0.1	0.1	10.336	B
A-B	5.08	5.08			5.08				
A-C	78.64	78.64			78.64				
D-AB	7.79	7.79	107.48	0.072	7.90	0.2	0.1	9.412	A
D-BC	3.61	3.61	44.11	0.082	3.51	0.0	0.1	25.423	D
C-ABD	1.03	1.03	139.96	0.007	1.04	0.0	0.0	6.480	A
C-D	7.24	7.24			7.24				
C-A	243.09	243.09			243.09				

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-CD	1.65	1.65	92.35	0.018	1.63	0.0	0.0	13.797	B
B-AD	7.84	7.84	41.49	0.189	7.77	0.1	0.2	26.205	D
A-BCD	18.61	18.61	100.47	0.185	18.51	0.1	0.2	11.436	B
A-B	4.64	4.64			4.64				
A-C	95.19	95.19			95.19				
D-AB	18.64	18.64	109.30	0.171	18.52	0.1	0.2	9.717	A
D-BC	0.00	0.00	36.07	0.000	0.10	0.1	0.0	0.000	A
C-ABD	1.03	1.03	133.84	0.008	1.03	0.0	0.0	6.776	A
C-D	9.33	9.33			9.33				
C-A	246.34	246.34			246.34				

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-CD	3.10	3.10	127.54	0.024	3.10	0.0	0.0	7.231	A
B-AD	7.45	7.45	35.90	0.208	7.43	0.2	0.2	29.745	D
A-BCD	17.61	17.61	96.65	0.182	17.62	0.2	0.2	10.996	B
A-B	8.78	8.78			8.78				
A-C	115.94	115.94			115.94				
D-AB	8.27	8.27	116.50	0.071	8.39	0.2	0.1	8.677	A
D-BC	1.03	1.03	44.43	0.023	1.01	0.0	0.0	25.551	D
C-ABD	1.03	1.03	126.87	0.008	1.03	0.0	0.0	7.151	A
C-D	8.27	8.27			8.27				
C-A	246.21	246.21			246.21				

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-CD	7.24	7.24	144.43	0.050	7.21	0.0	0.1	6.557	A
B-AD	3.98	3.98	36.16	0.110	4.09	0.2	0.1	30.079	D
A-BCD	26.90	26.90	103.75	0.259	26.76	0.2	0.4	12.039	B
A-B	3.36	3.36			3.36				
A-C	114.82	114.82			114.82				
D-AB	14.48	14.48	114.60	0.126	14.41	0.1	0.1	8.978	A
D-BC	4.14	4.14	43.17	0.096	4.06	0.0	0.1	22.971	C
C-ABD	2.07	2.07	126.68	0.016	2.06	0.0	0.0	7.221	A
C-D	2.07	2.07			2.07				
C-A	240.14	240.14			240.14				

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-CD	5.20	5.20	113.86	0.046	5.21	0.1	0.0	7.444	A
B-AD	4.01	4.01	34.52	0.117	4.02	0.1	0.1	27.425	D
A-BCD	34.15	34.15	116.18	0.294	34.09	0.4	0.4	10.954	B
A-B	12.76	12.76			12.76				
A-C	112.97	112.97			112.97				
D-AB	12.41	12.41	133.32	0.093	12.45	0.1	0.1	7.450	A
D-BC	0.00	0.00	51.05	0.000	0.10	0.1	0.0	0.000	A
C-ABD	3.13	3.13	88.88	0.035	3.11	0.0	0.0	9.414	A
C-D	4.14	4.14			4.14				
C-A	191.38	191.38			191.38				

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-CD	1.03	1.03	129.77	0.008	1.07	0.0	0.0	8.129	A
B-AD	9.49	9.49	48.04	0.197	9.36	0.1	0.3	24.613	C
A-BCD	21.72	21.72	123.72	0.176	21.91	0.4	0.2	8.857	A
A-B	13.48	13.48			13.48				
A-C	97.46	97.46			97.46				
D-AB	14.48	14.48	139.78	0.104	14.47	0.1	0.1	7.181	A
D-BC	0.00	0.00	63.38	0.000	0.00	0.0	0.0	0.000	A
C-ABD	0.00	0.00	190.10	0.000	0.03	0.0	0.0	0.000	A
C-D	1.03	1.03			1.03				
C-A	169.67	169.67			169.67				

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-CD	2.07	2.07	130.91	0.016	2.06	0.0	0.0	6.984	A
B-AD	9.46	9.46	56.53	0.167	9.50	0.3	0.2	19.946	C
A-BCD	7.24	7.24	129.93	0.056	7.39	0.2	0.1	7.353	A
A-B	5.13	5.13			5.13				
A-C	105.76	105.76			105.76				
D-AB	8.27	8.27	148.43	0.056	8.33	0.1	0.1	6.427	A
D-BC	0.00	0.00	73.48	0.000	0.00	0.0	0.0	0.000	A
C-ABD	4.14	4.14	132.95	0.031	4.10	0.0	0.0	8.038	A
C-D	1.03	1.03			1.03				
C-A	138.64	138.64			138.64				

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-CD	4.14	4.14	133.14	0.031	4.12	0.0	0.0	6.975	A
B-AD	6.75	6.75	53.90	0.126	6.83	0.2	0.1	18.226	C
A-BCD	10.37	10.37	121.43	0.085	10.34	0.1	0.1	7.768	A
A-B	9.41	9.41			9.41				
A-C	93.50	93.50			93.50				
D-AB	9.33	9.33	133.48	0.070	9.32	0.1	0.1	6.881	A
D-BC	4.14	4.14	77.99	0.053	4.08	0.0	0.1	12.169	B
C-ABD	1.03	1.03	131.13	0.008	1.06	0.0	0.0	6.920	A
C-D	6.20	6.20			6.20				
C-A	118.06	118.06			118.06				

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-CD	0.00	0.00	136.70	0.000	0.03	0.0	0.0	0.000	A
B-AD	4.63	4.63	60.04	0.077	4.68	0.1	0.1	17.334	C
A-BCD	16.55	16.55	137.10	0.121	16.49	0.1	0.1	7.790	A
A-B	7.34	7.34			7.34				
A-C	97.38	97.38			97.38				
D-AB	13.44	13.44	153.04	0.088	13.41	0.1	0.1	6.769	A
D-BC	3.13	3.13	60.58	0.052	3.14	0.1	0.0	13.369	B
C-ABD	3.10	3.10	131.48	0.024	3.09	0.0	0.0	7.009	A
C-D	2.07	2.07			2.07				
C-A	108.68	108.68			108.68				

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-CD	3.10	3.10	130.53	0.024	3.08	0.0	0.0	7.061	A
B-AD	9.65	9.65	54.42	0.177	9.54	0.1	0.2	19.273	C
A-BCD	10.34	10.34	136.24	0.076	10.40	0.1	0.1	7.156	A
A-B	9.55	9.55			9.55				
A-C	106.72	106.72			106.72				
D-AB	8.30	8.30	137.23	0.061	8.34	0.1	0.1	6.477	A
D-BC	1.03	1.03	76.51	0.013	1.06	0.0	0.0	14.803	B
C-ABD	2.07	2.07	130.74	0.016	2.08	0.0	0.0	6.997	A
C-D	3.10	3.10			3.10				
C-A	111.81	111.81			111.81				

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-CD	3.10	3.10	134.01	0.023	3.10	0.0	0.0	6.877	A
B-AD	10.66	10.66	59.17	0.180	10.63	0.2	0.2	19.653	C
A-BCD	10.34	10.34	130.39	0.079	10.34	0.1	0.1	7.495	A
A-B	5.33	5.33			5.33				
A-C	97.33	97.33			97.33				
D-AB	17.08	17.08	144.17	0.118	17.00	0.1	0.1	7.405	A
D-BC	2.57	2.57	74.66	0.034	2.55	0.0	0.0	12.479	B
C-ABD	1.03	1.03	135.68	0.008	1.04	0.0	0.0	6.686	A
C-D	6.20	6.20			6.20				
C-A	126.47	126.47			126.47				

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-CD	2.07	2.07	133.99	0.015	2.08	0.0	0.0	6.824	A
B-AD	13.91	13.91	65.36	0.213	13.87	0.2	0.3	17.658	C
A-BCD	10.37	10.37	126.79	0.082	10.37	0.1	0.1	7.347	A
A-B	4.53	4.53			4.53				
A-C	93.17	93.17			93.17				
D-AB	11.37	11.37	157.90	0.072	11.44	0.1	0.1	6.149	A
D-BC	3.10	3.10	83.50	0.037	3.10	0.0	0.0	11.193	B
C-ABD	5.20	5.20	113.60	0.046	5.16	0.0	0.0	8.055	A
C-D	1.03	1.03			1.03				
C-A	95.24	95.24			95.24				

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-CD	8.27	8.27	139.78	0.059	8.23	0.0	0.1	6.840	A
B-AD	6.59	6.59	58.38	0.113	6.73	0.3	0.1	17.225	C
A-BCD	10.34	10.34	135.52	0.076	10.34	0.1	0.1	7.581	A
A-B	6.70	6.70			6.70				
A-C	110.80	110.80			110.80				
D-AB	11.37	11.37	152.48	0.075	11.37	0.1	0.1	6.377	A
D-BC	3.10	3.10	77.18	0.040	3.10	0.0	0.0	12.148	B
C-ABD	3.10	3.10	130.27	0.024	3.12	0.0	0.0	7.983	A
C-D	3.10	3.10			3.10				
C-A	114.86	114.86			114.86				

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-CD	1.64	1.64	100.93	0.016	1.69	0.1	0.0	9.072	A
B-AD	9.92	9.92	55.53	0.179	9.84	0.1	0.2	19.497	C
A-BCD	16.55	16.55	138.43	0.120	16.50	0.1	0.1	7.375	A
A-B	9.68	9.68			9.68				
A-C	122.28	122.28			122.28				
D-AB	9.84	9.84	146.96	0.067	9.85	0.1	0.1	6.563	A
D-BC	3.60	3.60	77.40	0.046	3.59	0.0	0.0	12.193	B
C-ABD	3.10	3.10	124.42	0.025	3.10	0.0	0.0	7.418	A
C-D	0.00	0.00			0.00				
C-A	104.57	104.57			104.57				

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-CD	2.07	2.07	133.09	0.016	2.07	0.0	0.0	6.871	A
B-AD	3.24	3.24	44.05	0.074	3.38	0.2	0.1	18.643	C
A-BCD	4.14	4.14	126.80	0.033	4.24	0.1	0.0	7.348	A
A-B	9.75	9.75			9.75				
A-C	111.81	111.81			111.81				
D-AB	10.37	10.37	127.48	0.081	10.36	0.1	0.1	7.312	A
D-BC	4.14	4.14	73.46	0.056	4.13	0.0	0.1	12.979	B
C-ABD	1.03	1.03	131.85	0.008	1.05	0.0	0.0	6.880	A
C-D	3.10	3.10			3.10				
C-A	143.04	143.04			143.04				

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-CD	7.24	7.24	133.02	0.054	7.20	0.0	0.1	7.151	A
B-AD	10.39	10.39	62.97	0.165	10.25	0.1	0.2	18.450	C
A-BCD	15.51	15.51	144.56	0.107	15.43	0.0	0.1	6.964	A
A-B	9.75	9.75			9.75				
A-C	104.57	104.57			104.57				
D-AB	11.37	11.37	159.67	0.071	11.38	0.1	0.1	6.385	A
D-BC	4.14	4.14	84.57	0.049	4.14	0.1	0.1	11.192	B
C-ABD	1.03	1.03	129.67	0.008	1.03	0.0	0.0	6.995	A
C-D	0.00	0.00			0.00				
C-A	84.87	84.87			84.87				

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-CD	1.03	1.03	136.37	0.008	1.08	0.1	0.0	6.653	A
B-AD	4.14	4.14	54.43	0.076	4.27	0.2	0.1	16.336	C
A-BCD	15.51	15.51	140.62	0.110	15.51	0.1	0.1	7.192	A
A-B	4.46	4.46			4.46				
A-C	105.55	105.55			105.55				
D-AB	15.51	15.51	159.27	0.097	15.49	0.1	0.1	6.259	A
D-BC	3.10	3.10	82.46	0.038	3.11	0.1	0.0	11.344	B
C-ABD	4.14	4.14	132.53	0.031	4.11	0.0	0.0	7.009	A
C-D	3.10	3.10			3.10				
C-A	90.12	90.12			90.12				

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-CD	5.17	5.17	134.07	0.039	5.14	0.0	0.0	6.978	A
B-AD	6.23	6.23	51.22	0.122	6.17	0.1	0.1	20.291	C
A-BCD	15.54	15.54	126.64	0.123	15.53	0.1	0.1	7.810	A
A-B	9.17	9.17			9.17				
A-C	106.72	106.72			106.72				
D-AB	20.68	20.68	149.49	0.138	20.63	0.1	0.2	6.980	A
D-BC	5.17	5.17	74.78	0.069	5.14	0.0	0.1	12.918	B
C-ABD	0.00	0.00	257.45	0.000	0.03	0.0	0.0	0.000	A
C-D	1.03	1.03			1.03				
C-A	123.13	123.13			123.13				

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-CD	5.17	5.17	128.03	0.040	5.17	0.0	0.0	7.324	A
B-AD	7.29	7.29	43.19	0.169	7.23	0.1	0.2	24.571	C
A-BCD	16.55	16.55	132.52	0.125	16.53	0.1	0.1	8.047	A
A-B	7.08	7.08			7.08				
A-C	125.23	125.23			125.23				
D-AB	45.53	45.53	145.23	0.313	45.24	0.2	0.4	8.885	A
D-BC	2.07	2.07	67.80	0.031	2.11	0.1	0.0	13.707	B
C-ABD	0.00	0.00	248.31	0.000	0.00	0.0	0.0	0.000	A
C-D	1.03	1.03			1.03				
C-A	127.42	127.42			127.42				

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-CD	1.03	1.03	130.72	0.008	1.07	0.0	0.0	6.942	A
B-AD	11.59	11.59	56.92	0.203	11.52	0.2	0.3	20.708	C
A-BCD	11.40	11.40	122.38	0.093	11.45	0.1	0.1	7.679	A
A-B	3.29	3.29			3.29				
A-C	104.65	104.65			104.65				
D-AB	12.41	12.41	153.17	0.081	12.76	0.4	0.1	6.547	A
D-BC	2.07	2.07	75.74	0.027	2.07	0.0	0.0	12.219	B
C-ABD	6.23	6.23	113.30	0.055	6.18	0.0	0.1	7.885	A
C-D	3.13	3.13			3.13				
C-A	111.86	111.86			111.86				

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-CD	1.03	1.03	133.34	0.008	1.03	0.0	0.0	6.804	A
B-AD	3.24	3.24	43.63	0.075	3.43	0.3	0.1	18.944	C
A-BCD	15.51	15.51	131.97	0.117	15.47	0.1	0.1	8.064	A
A-B	8.46	8.46			8.46				
A-C	111.86	111.86			111.86				
D-AB	15.54	15.54	140.03	0.111	15.51	0.1	0.1	6.999	A
D-BC	2.07	2.07	73.06	0.028	2.07	0.0	0.0	12.677	B
C-ABD	3.10	3.10	128.34	0.024	3.13	0.1	0.0	8.004	A
C-D	2.07	2.07			2.07				
C-A	129.36	129.36			129.36				

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-CD	3.71	3.71	115.71	0.032	3.69	0.0	0.0	8.032	A
B-AD	11.43	11.43	62.61	0.182	11.26	0.1	0.2	19.236	C
A-BCD	19.67	19.67	133.94	0.147	19.64	0.1	0.2	7.668	A
A-B	5.66	5.66			5.66				
A-C	120.08	120.08			120.08				
D-AB	12.41	12.41	158.47	0.078	12.44	0.1	0.1	6.416	A
D-BC	3.10	3.10	77.75	0.040	3.09	0.0	0.0	12.053	B
C-ABD	2.07	2.07	125.99	0.016	2.08	0.0	0.0	7.263	A
C-D	3.13	3.13			3.13				
C-A	92.14	92.14			92.14				

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-CD	7.26	7.26	125.10	0.058	7.24	0.0	0.1	7.290	A
B-AD	4.75	4.75	50.30	0.095	4.89	0.2	0.1	18.830	C
A-BCD	24.82	24.82	129.79	0.191	24.75	0.2	0.2	8.811	A
A-B	8.74	8.74			8.74				
A-C	122.12	122.12			122.12				
D-AB	8.27	8.27	135.44	0.061	8.30	0.1	0.1	7.081	A
D-BC	8.27	8.27	71.92	0.115	8.19	0.0	0.1	14.104	B
C-ABD	0.00	0.00	247.60	0.000	0.02	0.0	0.0	0.000	A
C-D	3.13	3.13			3.13				
C-A	140.74	140.74			140.74				

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-CD	2.66	2.66	111.65	0.024	2.69	0.1	0.0	9.138	A
B-AD	6.80	6.80	47.36	0.144	6.75	0.1	0.2	20.796	C
A-BCD	20.71	20.71	126.77	0.163	20.76	0.2	0.2	6.232	A
A-B	5.96	5.96			5.96				
A-C	116.95	116.95			116.95				
D-AB	15.54	15.54	141.07	0.110	15.48	0.1	0.1	6.987	A
D-BC	1.03	1.03	70.52	0.015	1.15	0.1	0.0	12.995	B
C-ABD	2.07	2.07	126.48	0.016	2.05	0.0	0.0	7.233	A
C-D	1.03	1.03			1.03				
C-A	125.28	125.28			125.28				

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-CD	0.00	0.00	109.56	0.000	0.03	0.0	0.0	0.000	A
B-AD	14.63	14.63	61.69	0.236	14.45	0.2	0.3	21.240	C
A-BCD	17.58	17.58	134.46	0.131	17.61	0.2	0.2	7.945	A
A-B	4.95	4.95			4.95				
A-C	112.89	112.89			112.89				
D-AB	18.64	18.64	144.47	0.129	18.61	0.1	0.1	7.188	A
D-BC	1.03	1.03	73.01	0.014	1.03	0.0	0.0	12.503	B
C-ABD	2.09	2.09	85.33	0.025	2.09	0.0	0.0	8.993	A
C-D	1.03	1.03			1.03				
C-A	115.01	115.01			115.01				

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-CD	2.07	2.07	121.93	0.017	2.05	0.0	0.0	7.507	A
B-AD	11.14	11.14	55.70	0.200	11.23	0.3	0.2	19.557	C
A-BCD	7.24	7.24	131.91	0.055	7.34	0.2	0.1	7.229	A
A-B	4.04	4.04			4.04				
A-C	141.87	141.87			141.87				
D-AB	11.40	11.40	136.62	0.083	11.46	0.1	0.1	7.035	A
D-BC	2.07	2.07	70.13	0.029	2.05	0.0	0.0	13.216	B
C-ABD	2.07	2.07	124.25	0.017	2.07	0.0	0.0	9.233	A
C-D	4.14	4.14			4.14				
C-A	129.36	129.36			129.36				

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-CD	0.00	0.00	125.22	0.000	0.02	0.0	0.0	0.000	A
B-AD	7.00	7.00	49.79	0.141	7.10	0.2	0.2	19.033	C
A-BCD	10.34	10.34	137.50	0.075	10.32	0.1	0.1	7.076	A
A-B	12.31	12.31			12.31				
A-C	134.61	134.61			134.61				
D-AB	13.47	13.47	142.58	0.094	13.45	0.1	0.1	7.015	A
D-BC	4.14	4.14	77.26	0.054	4.11	0.0	0.1	12.300	B
C-ABD	2.07	2.07	123.84	0.017	2.07	0.0	0.0	7.390	A
C-D	5.17	5.17			5.17				
C-A	102.55	102.55			102.55				

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-CD	3.13	3.13	97.11	0.032	3.10	0.0	0.0	8.579	A
B-AD	9.69	9.69	55.52	0.174	9.62	0.2	0.2	21.153	C
A-BCD	11.37	11.37	127.69	0.089	11.36	0.1	0.1	7.735	A
A-B	2.76	2.76			2.76				
A-C	118.97	118.97			118.97				
D-AB	21.72	21.72	144.29	0.150	21.64	0.1	0.2	7.590	A
D-BC	3.13	3.13	51.68	0.061	3.13	0.1	0.1	15.796	C
C-ABD	5.17	5.17	131.29	0.039	5.15	0.0	0.0	7.135	A
C-D	3.10	3.10			3.10				
C-A	137.76	137.76			137.76				

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-CD	6.80	6.80	124.60	0.054	6.76	0.0	0.1	8.489	A
B-AD	7.03	7.03	48.01	0.147	7.09	0.2	0.2	20.591	C
A-BCD	24.82	24.82	124.42	0.199	24.67	0.1	0.2	9.009	A
A-B	4.88	4.88			4.88				
A-C	116.95	116.95			116.95				
D-AB	11.37	11.37	137.57	0.083	11.47	0.2	0.1	7.143	A
D-BC	4.14	4.14	62.34	0.066	4.11	0.1	0.1	17.799	C
C-ABD	0.00	0.00	250.96	0.000	0.04	0.0	0.0	0.000	A
C-D	6.20	6.20			6.20				
C-A	156.35	156.35			156.35				

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-CD	3.74	3.74	104.98	0.036	3.77	0.1	0.0	8.894	A
B-AD	11.20	11.20	46.97	0.238	11.06	0.2	0.3	25.081	D
A-BCD	11.37	11.37	126.91	0.090	11.52	0.2	0.1	7.809	A
A-B	6.72	6.72			6.72				
A-C	142.86	142.86			142.86				
D-AB	12.41	12.41	141.29	0.088	12.40	0.1	0.1	6.982	A
D-BC	4.14	4.14	64.87	0.064	4.15	0.1	0.1	14.825	B
C-ABD	3.10	3.10	122.85	0.025	3.08	0.0	0.0	7.511	A
C-D	3.10	3.10			3.10				
C-A	144.98	144.98			144.98				

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-CD	6.20	6.20	124.72	0.050	6.19	0.0	0.1	7.593	A
B-AD	5.58	5.58	41.34	0.136	5.74	0.3	0.1	23.380	C
A-BCD	14.48	14.48	131.11	0.110	14.45	0.1	0.1	7.713	A
A-B	5.69	5.69			5.69				
A-C	152.14	152.14			152.14				
D-AB	12.41	12.41	145.18	0.085	12.41	0.1	0.1	6.780	A
D-BC	5.17	5.17	67.61	0.076	5.16	0.1	0.1	14.407	B
C-ABD	4.14	4.14	120.04	0.034	4.13	0.0	0.0	7.764	A
C-D	3.10	3.10			3.10				
C-A	124.35	124.35			124.35				

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-CD	5.75	5.75	113.84	0.051	5.75	0.1	0.1	8.326	A
B-AD	6.28	6.28	48.92	0.128	6.27	0.1	0.2	23.902	C
A-BCD	19.65	19.65	134.89	0.146	19.60	0.1	0.2	7.803	A
A-B	7.68	7.68			7.68				
A-C	167.65	167.65			167.65				
D-AB	13.44	13.44	150.56	0.089	13.44	0.1	0.1	6.563	A
D-BC	4.14	4.14	66.66	0.062	4.15	0.1	0.1	14.401	B
C-ABD	3.10	3.10	113.91	0.027	3.11	0.0	0.0	8.124	A
C-D	4.14	4.14			4.14				
C-A	117.94	117.94			117.94				

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-CD	12.46	12.46	116.53	0.107	12.40	0.1	0.1	8.203	A
B-AD	3.76	3.76	37.72	0.100	3.82	0.2	0.1	23.813	C
A-BCD	8.27	8.27	128.28	0.064	8.37	0.2	0.1	7.513	A
A-B	2.46	2.46			2.46				
A-C	161.44	161.44			161.44				
D-AB	19.13	19.13	143.09	0.134	19.08	0.1	0.2	7.253	A
D-BC	0.52	0.52	65.51	0.008	0.58	0.1	0.0	13.873	B
C-ABD	3.13	3.13	90.77	0.035	3.13	0.0	0.0	8.955	A
C-D	3.10	3.10			3.10				
C-A	135.72	135.72			135.72				

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-CD	4.14	4.14	119.35	0.035	4.21	0.1	0.0	8.819	A
B-AD	3.88	3.88	40.36	0.096	3.88	0.1	0.1	24.616	C
A-BCD	11.37	11.37	134.63	0.084	11.35	0.1	0.1	7.800	A
A-B	7.55	7.55			7.55				
A-C	182.05	182.05			182.05				
D-AB	17.58	17.58	152.99	0.115	17.60	0.2	0.1	6.648	A
D-BC	2.07	2.07	67.46	0.031	2.05	0.0	0.0	13.754	B
C-ABD	3.10	3.10	112.99	0.027	3.10	0.0	0.0	9.595	A
C-D	6.20	6.20			6.20				
C-A	116.90	116.90			116.90				

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-CD	6.20	6.20	127.71	0.049	6.19	0.0	0.1	7.405	A
B-AD	3.04	3.04	39.72	0.076	3.05	0.1	0.1	26.022	D
A-BCD	6.20	6.20	129.84	0.048	6.25	0.1	0.1	7.286	A
A-B	2.25	2.25			2.25				
A-C	193.50	193.50			193.50				
D-AB	16.05	16.05	142.32	0.113	16.05	0.1	0.1	7.127	A
D-BC	2.57	2.57	62.83	0.041	2.56	0.0	0.0	14.931	B
C-ABD	2.07	2.07	114.19	0.018	2.08	0.0	0.0	8.030	A
C-D	7.24	7.24			7.24				
C-A	132.52	132.52			132.52				

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-CD	1.16	1.16	62.01	0.019	1.19	0.1	0.0	14.803	B
B-AD	6.31	6.31	47.29	0.133	6.24	0.1	0.2	23.285	C
A-BCD	13.44	13.44	138.45	0.097	13.39	0.1	0.1	7.193	A
A-B	5.18	5.18			5.18				
A-C	198.65	198.65			198.65				
D-AB	38.26	38.26	153.87	0.249	38.06	0.1	0.3	7.759	A
D-BC	6.20	6.20	66.64	0.093	6.15	0.0	0.1	14.866	B
C-ABD	3.10	3.10	109.97	0.028	3.09	0.0	0.0	8.421	A
C-D	2.07	2.07			2.07				
C-A	103.51	103.51			103.51				

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-CD	8.27	8.27	114.20	0.072	8.21	0.0	0.1	8.487	A
B-AD	6.46	6.46	40.98	0.158	6.45	0.2	0.2	24.491	C
A-BCD	19.65	19.65	136.29	0.144	19.59	0.1	0.2	7.707	A
A-B	5.21	5.21			5.21				
A-C	212.11	212.11			212.11				
D-AB	15.51	15.51	155.94	0.099	15.73	0.3	0.1	6.430	A
D-BC	1.03	1.03	60.71	0.017	1.12	0.1	0.0	15.125	C
C-ABD	4.14	4.14	103.92	0.040	4.12	0.0	0.0	9.017	A
C-D	7.24	7.24			7.24				
C-A	105.58	105.58			105.58				

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-CD	9.92	9.92	112.94	0.088	9.90	0.1	0.1	8.734	A
B-AD	8.35	8.35	45.79	0.182	8.29	0.2	0.2	25.547	D
A-BCD	14.48	14.48	132.11	0.110	14.52	0.2	0.1	7.658	A
A-B	6.81	6.81			6.81				
A-C	198.57	198.57			198.57				
D-AB	23.78	23.78	147.38	0.161	23.70	0.1	0.2	7.272	A
D-BC	5.17	5.17	60.10	0.086	5.10	0.0	0.1	16.339	C
C-ABD	2.07	2.07	109.30	0.019	2.09	0.0	0.0	8.396	A
C-D	6.20	6.20			6.20				
C-A	122.23	122.23			122.23				

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-CD	4.14	4.14	112.42	0.037	4.19	0.1	0.0	8.321	A
B-AD	5.62	5.62	51.74	0.108	5.72	0.2	0.1	20.097	C
A-BCD	15.51	15.51	139.11	0.112	15.51	0.1	0.1	7.280	A
A-B	3.65	3.65			3.65				
A-C	208.96	208.96			208.96				
D-AB	14.48	14.48	157.20	0.092	14.57	0.2	0.1	6.312	A
D-BC	3.10	3.10	66.22	0.047	3.14	0.1	0.0	14.276	B
C-ABD	3.13	3.13	80.17	0.039	3.11	0.0	0.0	10.477	B
C-D	4.14	4.14			4.14				
C-A	99.32	99.32			99.32				

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-CD	9.90	9.90	119.09	0.083	9.85	0.0	0.1	8.235	A
B-AD	6.67	6.67	46.18	0.145	6.64	0.1	0.2	21.261	C
A-BCD	17.58	17.58	134.83	0.130	17.56	0.1	0.1	7.672	A
A-B	3.39	3.39			3.39				
A-C	182.08	182.08			182.08				
D-AB	18.61	18.61	151.79	0.123	18.58	0.1	0.1	6.754	A
D-BC	2.07	2.07	63.23	0.033	2.08	0.0	0.0	14.722	B
C-ABD	1.03	1.03	111.90	0.009	1.06	0.0	0.0	10.098	B
C-D	3.10	3.10			3.10				
C-A	120.06	120.06			120.06				

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-CD	5.17	5.17	119.36	0.043	5.21	0.1	0.0	7.887	A
B-AD	4.16	4.16	37.46	0.112	4.20	0.2	0.1	24.433	C
A-BCD	22.75	22.75	134.23	0.169	22.70	0.1	0.2	8.066	A
A-B	4.39	4.39			4.39				
A-C	194.43	194.43			194.43				
D-AB	18.61	18.61	151.52	0.123	18.61	0.1	0.1	6.770	A
D-BC	3.10	3.10	61.62	0.050	3.08	0.0	0.1	15.371	C
C-ABD	2.07	2.07	108.85	0.019	2.06	0.0	0.0	8.428	A
C-D	7.24	7.24			7.24				
C-A	117.96	117.96			117.96				

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-CD	4.23	4.23	100.16	0.042	4.23	0.0	0.0	9.382	A
B-AD	4.22	4.22	41.82	0.101	4.22	0.1	0.1	25.332	D
A-BCD	15.51	15.51	137.25	0.113	15.58	0.2	0.1	7.404	A
A-B	4.22	4.22			4.22				
A-C	194.48	194.48			194.48				
D-AB	31.07	31.07	148.65	0.209	30.95	0.1	0.3	7.638	A
D-BC	4.09	4.09	66.29	0.062	4.07	0.1	0.1	14.462	B
C-ABD	0.00	0.00	221.84	0.000	0.02	0.0	0.0	0.000	A
C-D	7.26	7.26			7.26				
C-A	107.62	107.62			107.62				

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-CD	2.60	2.60	110.11	0.024	2.62	0.0	0.0	8.376	A
B-AD	1.69	1.69	42.67	0.040	1.76	0.1	0.0	20.883	C
A-BCD	18.61	18.61	141.27	0.132	18.59	0.1	0.2	7.336	A
A-B	1.15	1.15			1.15				
A-C	188.23	188.23			188.23				
D-AB	16.08	16.08	143.99	0.112	16.22	0.3	0.1	6.735	A
D-BC	3.60	3.60	71.20	0.051	3.61	0.1	0.1	13.318	B
C-ABD	1.03	1.03	112.42	0.009	1.02	0.0	0.0	8.080	A
C-D	4.14	4.14			4.14				
C-A	96.20	96.20			96.20				

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-CD	5.69	5.69	128.90	0.044	5.67	0.0	0.0	7.303	A
B-AD	0.66	0.66	55.61	0.012	0.69	0.0	0.0	20.257	C
A-BCD	13.44	13.44	137.34	0.098	13.48	0.2	0.1	7.270	A
A-B	4.22	4.22			4.22				
A-C	169.67	169.67			169.67				
D-AB	13.44	13.44	155.67	0.086	13.47	0.1	0.1	6.576	A
D-BC	2.07	2.07	70.67	0.029	2.09	0.1	0.0	13.130	B
C-ABD	3.13	3.13	88.04	0.036	3.10	0.0	0.0	9.912	A
C-D	2.07	2.07			2.07				
C-A	109.64	109.64			109.64				

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-CD	1.58	1.58	111.11	0.014	1.61	0.0	0.0	8.220	A
B-AD	4.77	4.77	86.72	0.055	4.73	0.0	0.1	11.199	B
A-BCD	11.37	11.37	143.44	0.079	11.40	0.1	0.1	6.816	A
A-B	2.15	2.15			2.15				
A-C	127.22	127.22			127.22				
D-AB	17.58	17.58	162.16	0.108	17.56	0.1	0.1	6.224	A
D-BC	3.10	3.10	83.35	0.037	3.09	0.0	0.0	11.212	B
C-ABD	3.13	3.13	97.11	0.032	3.13	0.0	0.0	9.577	A
C-D	1.03	1.03			1.03				
C-A	83.84	83.84			83.84				

RECEIVED: 17/12/2025

2032+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	Fota Island/R624/L3619	Crossroads	Two-way		2.58	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	Relationship type	Relationship
D7	2032+Adj+Dev	DIRECT	07:00	19:00	720	15	✓	Simple	D2+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 - R624 N		DIRECT	✓	100.000
B - L3619		DIRECT	✓	100.000
C - R624 S		DIRECT	✓	100.000
D - Fota Island Resort		DIRECT	✓	100.000

Origin-Destination Data

Demand (Veh/TS)

07:00 - 07:15

From	To				
		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
	A - R624 N	0.00	3.08	72.88	3.37
	B - L3619	3.22	0.00	2.20	1.10
	C - R624 S	213.40	1.10	0.00	1.10
	D - Fota Island Resort	5.49	0.00	3.45	0.00

Demand (Veh/TS)

07:15 - 07:30

From	To				
		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
	A - R624 N	0.00	4.17	80.41	6.67
	B - L3619	4.39	0.00	2.20	0.00
	C - R624 S	229.58	0.00	0.00	2.20
	D - Fota Island Resort	3.30	0.00	0.00	0.00

Demand (Veh/TS)

	To				
		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
07:30 - 07:45	From	A - R624 N	0.00	5.47	87.38
		B - L3619	3.99	0.00	3.37
		C - R624 S	227.68	2.20	0.00
		D - Fota Island Resort	20.95	0.00	0.00

Demand (Veh/TS)

	To				
		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
07:45 - 08:00	From	A - R624 N	0.00	5.32	83.63
		B - L3619	6.19	0.00	1.17
		C - R624 S	258.37	1.10	0.00
		D - Fota Island Resort	7.69	1.10	3.37

Demand (Veh/TS)

	To				
		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
08:00 - 08:15	From	A - R624 N	0.00	4.82	101.21
		B - L3619	7.89	0.00	1.10
		C - R624 S	262.11	1.10	0.00
		D - Fota Island Resort	19.85	0.00	0.00

Demand (Veh/TS)

	To				
		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
08:15 - 08:30	From	A - R624 N	0.00	9.22	123.40
		B - L3619	7.97	0.00	3.30
		C - R624 S	261.74	1.10	0.00
		D - Fota Island Resort	8.79	0.00	1.10

Demand (Veh/TS)

	To				
		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
08:30 - 08:45	From	A - R624 N	0.00	3.42	122.08
		B - L3619	4.05	0.00	7.69
		C - R624 S	255.52	2.20	0.00
		D - Fota Island Resort	15.38	0.00	4.39

Demand (Veh/TS)

	To				
		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
08:45 - 09:00	From	A - R624 N	0.00	13.61	120.56
		B - L3619	4.12	0.00	5.57
		C - R624 S	203.44	3.37	0.00
		D - Fota Island Resort	13.18	0.00	0.00

Demand (Veh/TS)

	To				
		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
09:00 - 09:15	From	A - R624 N	0.00	14.34	104.01
		B - L3619	10.02	0.00	1.10
		C - R624 S	180.37	0.00	0.00
		D - Fota Island Resort	15.38	0.00	0.00

RECEIVED: 17/12/2025

Demand (Veh/TS)

		To			
		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
09:15 - 09:30	From	A - R624 N	0.00	5.32	112.87
		B - L3619	9.95	0.00	2.20
		C - R624 S	147.42	4.39	0.00
		D - Fota Island Resort	8.79	0.00	0.00

Demand (Veh/TS)

		To			
		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
09:30 - 09:45	From	A - R624 N	0.00	10.01	100.14
		B - L3619	7.11	0.00	4.39
		C - R624 S	125.75	1.10	0.00
		D - Fota Island Resort	9.96	0.00	4.39

Demand (Veh/TS)

		To			
		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
09:45 - 10:00	From	A - R624 N	0.00	7.82	103.78
		B - L3619	4.76	0.00	0.00
		C - R624 S	115.64	3.30	0.00
		D - Fota Island Resort	14.28	0.00	3.37

Demand (Veh/TS)

		To			
		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
10:00 - 10:15	From	A - R624 N	0.00	10.21	113.74
		B - L3619	10.30	0.00	3.30
		C - R624 S	119.01	2.20	0.00
		D - Fota Island Resort	8.86	0.00	1.10

Demand (Veh/TS)

		To			
		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
10:15 - 10:30	From	A - R624 N	0.00	5.59	103.63
		B - L3619	11.32	0.00	3.30
		C - R624 S	134.92	1.10	0.00
		D - Fota Island Resort	17.58	1.10	2.20

Demand (Veh/TS)

		To			
		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
10:30 - 10:45	From	A - R624 N	0.00	4.72	99.16
		B - L3619	14.81	0.00	2.20
		C - R624 S	101.36	5.57	0.00
		D - Fota Island Resort	12.08	0.00	3.30

Demand (Veh/TS)

		To			
		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
10:45 - 11:00	From	A - R624 N	0.00	7.22	117.99
		B - L3619	6.90	0.00	8.79
		C - R624 S	122.16	3.30	0.00
		D - Fota Island Resort	12.08	0.00	3.30

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Demand (Veh/TS)

		To			
		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
11:00 - 11:15	From	A - R624 N	0.00	10.29	130.37
		B - L3619	10.09	0.00	1.10
		C - R624 S	111.32	3.30	0.00
		D - Fota Island Resort	9.89	1.10	3.30
					0.00

Demand (Veh/TS)

		To			
		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
11:15 - 11:30	From	A - R624 N	0.00	10.52	119.01
		B - L3619	3.35	0.00	2.20
		C - R624 S	152.57	1.10	0.00
		D - Fota Island Resort	11.06	0.00	4.39
					0.00

Demand (Veh/TS)

		To			
		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
11:30 - 11:45	From	A - R624 N	0.00	10.52	111.32
		B - L3619	11.06	0.00	7.69
		C - R624 S	90.30	1.10	0.00
		D - Fota Island Resort	12.08	0.00	4.39
					0.00

Demand (Veh/TS)

		To			
		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
11:45 - 12:00	From	A - R624 N	0.00	4.65	112.27
		B - L3619	4.31	0.00	1.10
		C - R624 S	96.02	4.39	0.00
		D - Fota Island Resort	16.48	0.00	3.30
					0.00

Demand (Veh/TS)

		To			
		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
12:00 - 12:15	From	A - R624 N	0.00	9.84	113.74
		B - L3619	6.59	0.00	5.49
		C - R624 S	130.94	0.00	0.00
		D - Fota Island Resort	21.97	0.00	5.49
					0.00

Demand (Veh/TS)

		To			
		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
12:15 - 12:30	From	A - R624 N	0.00	7.56	133.22
		B - L3619	7.76	0.00	5.49
		C - R624 S	135.79	0.00	0.00
		D - Fota Island Resort	48.41	0.00	2.20
					0.00

Demand (Veh/TS)

		To			
		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
12:30 - 12:45	From	A - R624 N	0.00	3.47	111.55
		B - L3619	12.36	0.00	1.10
		C - R624 S	119.16	6.67	0.00
		D - Fota Island Resort	13.18	0.00	2.20
					0.00

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Demand (Veh/TS)

		To			
		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
12:45 - 13:00	From	A - R624 N	0.00	8.96	119.16
		B - L3619	3.35	0.00	1.10
		C - R624 S	137.61	3.30	0.00
		D - Fota Island Resort	16.55	0.00	2.20
				2.20	0.00

Demand (Veh/TS)

		To			
		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
13:00 - 13:15	From	A - R624 N	0.00	5.97	127.80
		B - L3619	11.62	0.00	3.30
		C - R624 S	98.06	2.20	0.00
		D - Fota Island Resort	13.18	0.00	3.30
				3.30	0.00

Demand (Veh/TS)

		To			
		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
13:15 - 13:30	From	A - R624 N	0.00	9.19	129.92
		B - L3619	4.88	0.00	7.76
		C - R624 S	149.69	0.00	0.00
		D - Fota Island Resort	8.79	0.00	3.37
				8.79	0.00

Demand (Veh/TS)

		To			
		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
13:30 - 13:45	From	A - R624 N	0.00	6.27	124.43
		B - L3619	6.65	0.00	2.20
		C - R624 S	133.37	2.20	0.00
		D - Fota Island Resort	16.55	0.00	1.10
				1.10	0.00

Demand (Veh/TS)

		To			
		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
13:45 - 14:00	From	A - R624 N	0.00	5.25	120.26
		B - L3619	15.44	0.00	0.00
		C - R624 S	122.61	2.27	0.00
		D - Fota Island Resort	19.85	0.00	1.10
				1.10	0.00

Demand (Veh/TS)

		To			
		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
14:00 - 14:15	From	A - R624 N	0.00	4.22	151.09
		B - L3619	11.76	0.00	2.20
		C - R624 S	137.61	2.20	0.00
		D - Fota Island Resort	12.16	0.00	4.39
				2.20	0.00

Demand (Veh/TS)

		To			
		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
14:15 - 14:30	From	A - R624 N	0.00	13.01	143.33
		B - L3619	7.36	0.00	0.00
		C - R624 S	109.28	2.20	0.00
		D - Fota Island Resort	14.36	0.00	5.49
				4.39	0.00

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Demand (Veh/TS)

	To				
		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
14:30 - 14:45	From	A - R624 N	0.00	2.83	126.47
		B - L3619	10.12	0.00	3.37
		C - R624 S	146.77	5.49	0.00
		D - Fota Island Resort	23.07	0.00	3.37

Demand (Veh/TS)

	To				
		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
14:45 - 15:00	From	A - R624 N	0.00	5.18	124.43
		B - L3619	6.83	0.00	6.59
		C - R624 S	166.47	0.00	0.00
		D - Fota Island Resort	12.08	0.00	4.39

Demand (Veh/TS)

	To				
		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
15:00 - 15:15	From	A - R624 N	0.00	7.15	152.04
		B - L3619	11.52	0.00	3.30
		C - R624 S	154.39	3.30	0.00
		D - Fota Island Resort	13.18	0.00	4.39

Demand (Veh/TS)

	To				
		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
15:15 - 15:30	From	A - R624 N	0.00	6.05	161.85
		B - L3619	5.88	0.00	6.59
		C - R624 S	132.57	4.39	0.00
		D - Fota Island Resort	13.18	0.00	5.49

Demand (Veh/TS)

	To				
		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
15:30 - 15:45	From	A - R624 N	0.00	8.17	178.33
		B - L3619	6.14	0.00	5.49
		C - R624 S	125.38	3.30	0.00
		D - Fota Island Resort	14.28	0.00	4.39

Demand (Veh/TS)

	To				
		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
15:45 - 16:00	From	A - R624 N	0.00	2.52	171.74
		B - L3619	3.94	0.00	13.33
		C - R624 S	144.65	3.37	0.00
		D - Fota Island Resort	19.77	1.10	0.00

Demand (Veh/TS)

	To				
		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
16:00 - 16:15	From	A - R624 N	0.00	8.19	193.48
		B - L3619	4.06	0.00	4.39
		C - R624 S	124.28	3.30	0.00
		D - Fota Island Resort	18.67	0.00	2.20

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Demand (Veh/TS)

		To			
		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
16:15 - 16:30	From	A - R624 N	0.00	2.32	205.79
		B - L3619	3.04	0.00	6.59
		C - R624 S	141.06	2.20	0.00
		D - Fota Island Resort	16.48	1.10	2.20
					0.00

Demand (Veh/TS)

		To			
		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
16:30 - 16:45	From	A - R624 N	0.00	5.44	211.21
		B - L3619	5.53	0.00	0.00
		C - R624 S	110.15	3.30	0.00
		D - Fota Island Resort	40.64	0.00	6.59
					0.00

Demand (Veh/TS)

		To			
		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
16:45 - 17:00	From	A - R624 N	0.00	5.52	225.56
		B - L3619	6.70	0.00	8.79
		C - R624 S	112.34	4.39	0.00
		D - Fota Island Resort	16.48	0.00	1.10
					0.00

Demand (Veh/TS)

		To			
		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
17:00 - 17:15	From	A - R624 N	0.00	7.34	210.98
		B - L3619	8.30	0.00	9.89
		C - R624 S	130.22	2.20	0.00
		D - Fota Island Resort	25.26	0.00	5.49
					0.00

Demand (Veh/TS)

		To			
		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
17:15 - 17:30	From	A - R624 N	0.00	3.90	222.12
		B - L3619	5.88	0.00	4.39
		C - R624 S	105.60	3.37	0.00
		D - Fota Island Resort	15.38	0.00	3.30
					0.00

Demand (Veh/TS)

		To			
		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
17:30 - 17:45	From	A - R624 N	0.00	3.63	193.56
		B - L3619	6.42	0.00	9.89
		C - R624 S	127.72	1.10	0.00
		D - Fota Island Resort	19.77	0.00	2.20
					0.00

Demand (Veh/TS)

		To			
		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
17:45 - 18:00	From	A - R624 N	0.00	4.65	206.59
		B - L3619	4.22	0.00	5.49
		C - R624 S	125.45	2.20	0.00
		D - Fota Island Resort	19.77	0.00	3.30
					0.00

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Demand (Veh/TS)

		To			
		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
18:00 - 18:15	From	A - R624 N	0.00	4.48	206.74
		B - L3619	3.46	0.00	3.30
		C - R624 S	114.47	0.00	0.00
		D - Fota Island Resort	31.86	2.20	3.30
					0.00

Demand (Veh/TS)

		To			
		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
18:15 - 18:30	From	A - R624 N	0.00	1.26	200.00
		B - L3619	1.19	0.00	2.20
		C - R624 S	102.23	1.10	0.00
		D - Fota Island Resort	16.55	1.10	3.30
					0.00

Demand (Veh/TS)

		To			
		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
18:30 - 18:45	From	A - R624 N	0.00	4.48	180.37
		B - L3619	0.15	0.00	5.49
		C - R624 S	116.51	3.37	0.00
		D - Fota Island Resort	14.28	0.00	2.20
					0.00

Demand (Veh/TS)

		To			
		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
18:45 - 19:00	From	A - R624 N	0.00	2.28	135.19
		B - L3619	4.54	0.00	1.10
		C - R624 S	89.20	3.37	0.00
		D - Fota Island Resort	18.67	0.00	3.30
					0.00

Vehicle Mix

Heavy Vehicle Percentages

		To			
		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
07:00 - 07:15	From	A - R624 N	0	89	8
		B - L3619	93	0	0
		C - R624 S	2	0	0
		D - Fota Island Resort	0	0	68
					0

Heavy Vehicle Percentages

		To			
		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
07:15 - 07:30	From	A - R624 N	0	66	4
		B - L3619	95	0	0
		C - R624 S	0	0	0
		D - Fota Island Resort	0	0	0
					0

Heavy Vehicle Percentages

		To			
		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
07:30 - 07:45	From	A - R624 N	0	96	11
		B - L3619	92	0	35
		C - R624 S	2	0	0
		D - Fota Island Resort	6	0	0
					0

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Heavy Vehicle Percentages

07:45 - 08:00		To				
	From		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
		A - R624 N	0	55	3	10
		B - L3619	60	0	100	0
		C - R624 S	1	0	0	0
		D - Fota Island Resort	0	0	35	0

Heavy Vehicle Percentages

08:00 - 08:15		To				
	From		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
		A - R624 N	0	58	2	0
		B - L3619	69	0	0	0
		C - R624 S	4	0	0	12
		D - Fota Island Resort	6	0	0	0

Heavy Vehicle Percentages

08:15 - 08:30		To				
	From		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
		A - R624 N	0	30	5	6
		B - L3619	83	0	0	0
		C - R624 S	2	0	0	0
		D - Fota Island Resort	0	0	0	0

Heavy Vehicle Percentages

08:30 - 08:45		To				
	From		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
		A - R624 N	0	41	2	0
		B - L3619	65	0	0	0
		C - R624 S	4	0	0	0
		D - Fota Island Resort	0	0	0	0

Heavy Vehicle Percentages

08:45 - 09:00		To				
	From		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
		A - R624 N	0	45	11	0
		B - L3619	92	0	21	0
		C - R624 S	2	35	0	0
		D - Fota Island Resort	0	0	0	0

Heavy Vehicle Percentages

09:00 - 09:15		To				
	From		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
		A - R624 N	0	37	11	0
		B - L3619	64	0	0	0
		C - R624 S	2	0	0	0
		D - Fota Island Resort	0	0	0	0

Heavy Vehicle Percentages

09:15 - 09:30		To				
	From		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
		A - R624 N	0	34	11	0
		B - L3619	52	0	0	0
		C - R624 S	2	0	0	0
		D - Fota Island Resort	0	0	0	0

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Heavy Vehicle Percentages

09:30 - 09:45		To				
	From		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
		A - R624 N	0	54	20	11
		B - L3619	65	0	0	0
		C - R624 S	7	0	0	0
		D - Fota Island Resort	12	0	0	0

Heavy Vehicle Percentages

09:45 - 10:00		To				
	From		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
		A - R624 N	0	69	8	0
		B - L3619	48	0	0	0
		C - R624 S	4	0	0	0
		D - Fota Island Resort	0	0	35	0

Heavy Vehicle Percentages

10:00 - 10:15		To				
	From		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
		A - R624 N	0	45	8	0
		B - L3619	66	0	0	0
		C - R624 S	5	0	0	0
		D - Fota Island Resort	13	0	0	0

Heavy Vehicle Percentages

10:15 - 10:30		To				
	From		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
		A - R624 N	0	19	6	0
		B - L3619	49	0	0	0
		C - R624 S	10	0	0	0
		D - Fota Island Resort	0	0	0	0

Heavy Vehicle Percentages

10:30 - 10:45		To				
	From		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
		A - R624 N	0	27	5	11
		B - L3619	46	0	0	0
		C - R624 S	5	21	0	0
		D - Fota Island Resort	0	0	0	0

Heavy Vehicle Percentages

10:45 - 11:00		To				
	From		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
		A - R624 N	0	83	6	0
		B - L3619	48	0	0	0
		C - R624 S	3	0	0	0
		D - Fota Island Resort	0	0	0	0

Heavy Vehicle Percentages

11:00 - 11:15		To				
	From		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
		A - R624 N	0	35	9	0
		B - L3619	54	0	0	0
		C - R624 S	5	0	0	0
		D - Fota Island Resort	0	0	0	0

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Heavy Vehicle Percentages

		To			
		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
11:15 - 11:30	From A - R624 N	0	67	5	0
	B - L3619	93	0	0	0
	C - R624 S	10	0	0	0
	D - Fota Island Resort	11	0	0	0

Heavy Vehicle Percentages

		To			
		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
11:30 - 11:45	From A - R624 N	0	67	5	0
	B - L3619	48	0	0	0
	C - R624 S	4	0	0	0
	D - Fota Island Resort	0	0	0	0

Heavy Vehicle Percentages

		To			
		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
11:45 - 12:00	From A - R624 N	0	26	3	0
	B - L3619	69	0	0	0
	C - R624 S	7	0	0	0
	D - Fota Island Resort	0	0	0	0

Heavy Vehicle Percentages

		To			
		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
12:00 - 12:15	From A - R624 N	0	43	8	7
	B - L3619	63	0	0	0
	C - R624 S	3	0	0	0
	D - Fota Island Resort	0	0	0	0

Heavy Vehicle Percentages

		To			
		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
12:15 - 12:30	From A - R624 N	0	41	4	0
	B - L3619	69	0	0	0
	C - R624 S	8	0	0	0
	D - Fota Island Resort	2	0	0	0

Heavy Vehicle Percentages

		To			
		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
12:30 - 12:45	From A - R624 N	0	65	8	10
	B - L3619	54	0	0	0
	C - R624 S	7	18	0	35
	D - Fota Island Resort	0	0	0	0

Heavy Vehicle Percentages

		To			
		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
12:45 - 13:00	From A - R624 N	0	25	7	0
	B - L3619	93	0	0	0
	C - R624 S	3	0	0	0
	D - Fota Island Resort	7	0	0	0

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Heavy Vehicle Percentages

13:00 - 13:15		To				
	From		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
		A - R624 N	0	42	5	6
		B - L3619	41	0	0	0
		C - R624 S	5	0	0	35
		D - Fota Island Resort	0	0	0	0

Heavy Vehicle Percentages

13:15 - 13:30		To				
	From		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
		A - R624 N	0	15	4	0
		B - L3619	49	0	15	0
		C - R624 S	3	0	0	35
		D - Fota Island Resort	0	0	0	0

Heavy Vehicle Percentages

13:30 - 13:45		To				
	From		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
		A - R624 N	0	44	4	5
		B - L3619	78	0	0	0
		C - R624 S	5	0	0	0
		D - Fota Island Resort	7	0	0	0

Heavy Vehicle Percentages

13:45 - 14:00		To				
	From		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
		A - R624 N	0	75	7	0
		B - L3619	34	0	0	0
		C - R624 S	9	52	0	0
		D - Fota Island Resort	6	0	0	0

Heavy Vehicle Percentages

14:00 - 14:15		To				
	From		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
		A - R624 N	0	69	6	0
		B - L3619	41	0	0	0
		C - R624 S	3	0	0	0
		D - Fota Island Resort	10	0	0	0

Heavy Vehicle Percentages

14:15 - 14:30		To				
	From		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
		A - R624 N	0	22	6	0
		B - L3619	66	0	0	0
		C - R624 S	8	0	0	0
		D - Fota Island Resort	8	0	0	0

Heavy Vehicle Percentages

14:30 - 14:45		To				
	From		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
		A - R624 N	0	54	2	0
		B - L3619	42	0	35	0
		C - R624 S	7	0	0	0
		D - Fota Island Resort	0	0	35	0

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Heavy Vehicle Percentages

14:45 - 15:00		To				
	From		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
		A - R624 N	0	75	4	0
		B - L3619	62	0	0	0
		C - R624 S	6	0	0	0
		D - Fota Island Resort	0	0	0	0

Heavy Vehicle Percentages

15:00 - 15:15		To				
	From		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
		A - R624 N	0	52	5	0
		B - L3619	60	0	0	0
		C - R624 S	6	0	0	0
		D - Fota Island Resort	0	0	0	0

Heavy Vehicle Percentages

15:15 - 15:30		To				
	From		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
		A - R624 N	0	61	4	0
		B - L3619	77	0	0	0
		C - R624 S	9	0	0	0
		D - Fota Island Resort	0	0	0	0

Heavy Vehicle Percentages

15:30 - 15:45		To				
	From		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
		A - R624 N	0	44	3	0
		B - L3619	43	0	0	0
		C - R624 S	2	0	0	0
		D - Fota Island Resort	0	0	0	0

Heavy Vehicle Percentages

15:45 - 16:00		To				
	From		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
		A - R624 N	0	50	3	0
		B - L3619	68	0	18	0
		C - R624 S	8	35	0	0
		D - Fota Island Resort	0	0	0	0

Heavy Vehicle Percentages

16:00 - 16:15		To				
	From		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
		A - R624 N	0	85	1	0
		B - L3619	68	0	0	0
		C - R624 S	2	0	0	0
		D - Fota Island Resort	0	0	0	0

Heavy Vehicle Percentages

16:15 - 16:30		To				
	From		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
		A - R624 N	0	47	3	0
		B - L3619	52	0	0	0
		C - R624 S	5	0	0	0
		D - Fota Island Resort	0	0	0	0

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Heavy Vehicle Percentages

16:30 - 16:45		To				
	From		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
		A - R624 N	0	17	2	0
		B - L3619	34	0	0	0
		C - R624 S	4	0	0	0
		D - Fota Island Resort	0	0	0	0

Heavy Vehicle Percentages

16:45 - 17:00		To				
	From		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
		A - R624 N	0	38	3	0
		B - L3619	45	0	0	0
		C - R624 S	4	0	0	0
		D - Fota Island Resort	0	0	0	0

Heavy Vehicle Percentages

17:00 - 17:15		To				
	From		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
		A - R624 N	0	54	1	0
		B - L3619	30	0	0	0
		C - R624 S	7	0	0	0
		D - Fota Island Resort	0	0	0	0

Heavy Vehicle Percentages

17:15 - 17:30		To				
	From		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
		A - R624 N	0	42	2	0
		B - L3619	22	0	0	0
		C - R624 S	2	35	0	0
		D - Fota Island Resort	0	0	0	0

Heavy Vehicle Percentages

17:30 - 17:45		To				
	From		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
		A - R624 N	0	39	2	0
		B - L3619	43	0	0	0
		C - R624 S	4	0	0	0
		D - Fota Island Resort	0	0	0	0

Heavy Vehicle Percentages

17:45 - 18:00		To				
	From		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
		A - R624 N	0	5	1	0
		B - L3619	66	0	0	0
		C - R624 S	3	0	0	0
		D - Fota Island Resort	0	0	0	0

Heavy Vehicle Percentages

18:00 - 18:15		To				
	From		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
		A - R624 N	0	2	2	0
		B - L3619	65	0	0	0
		C - R624 S	3	0	0	15
		D - Fota Island Resort	0	0	0	0

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Heavy Vehicle Percentages

		To			
		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
18:15 - 18:30	From A - R624 N	0	99	1	0
	From B - L3619	89	0	0	0
	From C - R624 S	1	0	0	0
	From D - Fota Island Resort	7	0	0	0

Heavy Vehicle Percentages

		To			
		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
18:30 - 18:45	From A - R624 N	0	2	2	0
	From B - L3619	89	0	0	0
	From C - R624 S	1	35	0	0
	From D - Fota Island Resort	0	0	0	0

Heavy Vehicle Percentages

		To			
		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
18:45 - 19:00	From A - R624 N	0	3	1	0
	From B - L3619	3	0	0	0
	From C - R624 S	4	35	0	0
	From D - Fota Island Resort	0	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-CD	0.12	15.98	0.1	C	4.24	203.39
B-AD	0.27	33.71	0.4	D	7.07	339.51
A-BCD	0.32	13.05	0.5	B	15.60	748.90
A-B					6.45	309.42
A-C					139.60	6700.75
D-AB	0.34	10.38	0.5	B	16.29	782.11
D-BC	0.13	29.40	0.1	D	2.98	142.98
C-ABD	0.06	10.97	0.1	B	2.37	113.75
C-D					3.76	180.53
C-A					144.84	6952.29

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-CD	2.79	2.79	123.01	0.023	2.76	0.0	0.0	7.485	A
B-AD	3.73	3.73	47.42	0.079	3.64	0.0	0.1	20.525	C
A-BCD	3.37	3.37	83.17	0.041	3.33	0.0	0.0	11.266	B
A-B	3.08	3.08			3.08				
A-C	72.88	72.88			72.88				
D-AB	5.49	5.49	117.36	0.047	5.44	0.0	0.0	8.038	A
D-BC	3.45	3.45	41.87	0.082	3.36	0.0	0.1	23.322	C
C-ABD	1.10	1.10	143.78	0.008	1.09	0.0	0.0	6.307	A
C-D	1.10	1.10			1.10				
C-A	213.40	213.40			213.40				

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-CD	2.20	2.20	141.07	0.016	2.20	0.0	0.0	6.483	A
B-AD	4.39	4.39	42.91	0.102	4.37	0.1	0.1	22.483	C
A-BCD	6.67	6.67	92.95	0.072	6.63	0.0	0.1	10.965	B
A-B	4.17	4.17			4.17				
A-C	80.41	80.41			80.41				
D-AB	3.30	3.30	123.76	0.027	3.32	0.0	0.0	7.472	A
D-BC	0.00	0.00	35.32	0.000	0.09	0.1	0.0	0.000	A
C-ABD	0.00	0.00	282.10	0.000	0.01	0.0	0.0	0.000	A
C-D	2.20	2.20			2.20				
C-A	229.58	229.58			229.58				

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-CD	3.37	3.37	104.16	0.032	3.36	0.0	0.0	8.000	A
B-AD	3.99	3.99	37.85	0.105	3.98	0.1	0.1	26.769	D
A-BCD	8.79	8.79	108.32	0.081	8.77	0.1	0.1	9.775	A
A-B	5.47	5.47			5.47				
A-C	87.38	87.38			87.38				
D-AB	20.95	20.95	116.76	0.179	20.76	0.0	0.2	9.276	A
D-BC	0.00	0.00	47.95	0.000	0.00	0.0	0.0	0.000	A
C-ABD	2.20	2.20	136.60	0.016	2.18	0.0	0.0	6.695	A
C-D	0.00	0.00			0.00				
C-A	227.68	227.68			227.68				

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-CD	1.17	1.17	70.28	0.017	1.19	0.0	0.0	9.920	A
B-AD	6.19	6.19	46.08	0.134	6.14	0.1	0.2	24.512	C
A-BCD	12.16	12.16	90.97	0.134	12.11	0.1	0.1	10.930	B
A-B	5.32	5.32			5.32				
A-C	83.63	83.63			83.63				
D-AB	8.29	8.29	102.16	0.081	8.41	0.2	0.1	10.017	B
D-BC	3.87	3.87	40.08	0.097	3.75	0.0	0.1	28.460	D
C-ABD	1.10	1.10	138.28	0.008	1.11	0.0	0.0	6.560	A
C-D	7.69	7.69			7.69				
C-A	258.37	258.37			258.37				

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-CD	1.77	1.77	87.09	0.020	1.75	0.0	0.0	14.763	B
B-AD	8.33	8.33	38.38	0.217	8.23	0.2	0.3	29.190	D
A-BCD	19.78	19.78	96.11	0.206	19.65	0.1	0.3	12.290	B
A-B	4.82	4.82			4.82				
A-C	101.21	101.21			101.21				
D-AB	19.85	19.85	104.53	0.190	19.71	0.1	0.2	10.384	B
D-BC	0.00	0.00	31.78	0.000	0.12	0.1	0.0	0.000	A
C-ABD	1.10	1.10	131.81	0.008	1.10	0.0	0.0	6.884	A
C-D	9.96	9.96			9.96				
C-A	262.11	262.11			262.11				

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-CD	3.30	3.30	124.13	0.027	3.30	0.0	0.0	7.447	A
B-AD	7.97	7.97	33.00	0.242	7.94	0.3	0.3	33.714	D
A-BCD	18.75	18.75	92.59	0.203	18.77	0.3	0.2	11.750	B
A-B	9.22	9.22			9.22				
A-C	123.40	123.40			123.40				
D-AB	8.79	8.79	111.87	0.078	8.92	0.2	0.1	9.130	A
D-BC	1.10	1.10	39.12	0.028	1.06	0.0	0.0	29.400	D
C-ABD	1.10	1.10	124.30	0.009	1.10	0.0	0.0	7.304	A
C-D	8.79	8.79			8.79				
C-A	261.74	261.74			261.74				

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-CD	7.69	7.69	142.56	0.054	7.66	0.0	0.1	6.669	A
B-AD	4.05	4.05	33.11	0.121	4.18	0.3	0.2	33.623	D
A-BCD	28.59	28.59	99.66	0.287	28.43	0.2	0.4	13.047	B
A-B	3.42	3.42			3.42				
A-C	122.05	122.05			122.05				
D-AB	15.38	15.38	109.47	0.140	15.31	0.1	0.2	9.551	A
D-BC	4.39	4.39	37.68	0.117	4.30	0.0	0.1	26.888	D
C-ABD	2.20	2.20	124.22	0.018	2.19	0.0	0.0	7.374	A
C-D	2.20	2.20			2.20				
C-A	255.52	255.52			255.52				

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-CD	5.57	5.57	111.36	0.050	5.58	0.1	0.0	7.622	A
B-AD	4.12	4.12	31.63	0.131	4.14	0.2	0.1	30.320	D
A-BCD	36.30	36.30	112.99	0.321	36.24	0.4	0.5	11.714	B
A-B	13.60	13.60			13.60				
A-C	120.52	120.52			120.52				
D-AB	13.18	13.18	129.81	0.102	13.23	0.2	0.1	7.724	A
D-BC	0.00	0.00	46.11	0.000	0.13	0.1	0.0	0.000	A
C-ABD	3.37	3.37	85.84	0.039	3.35	0.0	0.0	9.769	A
C-D	4.39	4.39			4.39				
C-A	203.44	203.44			203.44				

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-CD	1.10	1.10	126.82	0.009	1.14	0.0	0.0	8.363	A
B-AD	10.02	10.02	45.30	0.221	9.87	0.1	0.3	26.875	D
A-BCD	23.07	23.07	120.98	0.191	23.30	0.5	0.2	9.237	A
A-B	14.34	14.34			14.34				
A-C	104.01	104.01			104.01				
D-AB	15.38	15.38	136.70	0.113	15.37	0.1	0.1	7.417	A
D-BC	0.00	0.00	59.24	0.000	0.00	0.0	0.0	0.000	A
C-ABD	0.00	0.00	184.78	0.000	0.04	0.0	0.0	0.000	A
C-D	1.10	1.10			1.10				
C-A	180.38	180.38			180.38				

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-CD	2.20	2.20	128.27	0.017	2.19	0.0	0.0	7.138	A
B-AD	9.95	9.95	54.00	0.184	9.99	0.3	0.2	21.366	C
A-BCD	7.69	7.69	127.57	0.060	7.86	0.2	0.1	7.528	A
A-B	5.32	5.32			5.32				
A-C	112.87	112.87			112.87				
D-AB	8.79	8.79	145.88	0.060	8.85	0.1	0.1	6.572	A
D-BC	0.00	0.00	69.99	0.000	0.00	0.0	0.0	0.000	A
C-ABD	4.39	4.39	130.67	0.034	4.35	0.0	0.0	8.242	A
C-D	1.10	1.10			1.10				
C-A	147.42	147.42			147.42				

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-CD	4.39	4.39	130.52	0.034	4.38	0.0	0.0	7.134	A
B-AD	7.11	7.11	51.43	0.139	7.19	0.2	0.2	19.374	C
A-BCD	11.06	11.06	119.00	0.093	11.03	0.1	0.1	7.979	A
A-B	10.01	10.01			10.01				
A-C	100.14	100.14			100.14				
D-AB	9.96	9.96	130.69	0.076	9.95	0.1	0.1	7.062	A
D-BC	4.39	4.39	74.34	0.059	4.33	0.0	0.1	12.845	B
C-ABD	1.10	1.10	128.50	0.009	1.13	0.0	0.0	7.066	A
C-D	6.59	6.59			6.59				
C-A	125.75	125.75			125.75				

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-CD	0.00	0.00	134.69	0.000	0.03	0.0	0.0	0.000	A
B-AD	4.76	4.76	58.03	0.082	4.82	0.2	0.1	18.148	C
A-BCD	17.58	17.58	135.16	0.130	17.52	0.1	0.2	8.003	A
A-B	7.82	7.82			7.82				
A-C	103.78	103.78			103.78				
D-AB	14.28	14.28	150.66	0.095	14.25	0.1	0.1	6.945	A
D-BC	3.37	3.37	57.89	0.059	3.38	0.1	0.1	14.045	B
C-ABD	3.30	3.30	129.14	0.026	3.28	0.0	0.0	7.150	A
C-D	2.20	2.20			2.20				
C-A	115.64	115.64			115.64				

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-CD	3.30	3.30	127.80	0.026	3.27	0.0	0.0	7.225	A
B-AD	10.30	10.30	52.02	0.198	10.17	0.1	0.2	20.576	C
A-BCD	10.98	10.98	134.23	0.082	11.05	0.2	0.1	7.312	A
A-B	10.21	10.21			10.21				
A-C	113.74	113.74			113.74				
D-AB	8.86	8.86	134.69	0.066	8.91	0.1	0.1	6.616	A
D-BC	1.10	1.10	73.18	0.015	1.13	0.1	0.0	15.585	C
C-ABD	2.20	2.20	128.31	0.017	2.21	0.0	0.0	7.136	A
C-D	3.30	3.30			3.30				
C-A	119.01	119.01			119.01				

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-CD	3.30	3.30	131.57	0.025	3.30	0.0	0.0	7.018	A
B-AD	11.32	11.32	56.52	0.200	11.29	0.2	0.3	21.131	C
A-BCD	10.98	10.98	127.85	0.086	10.98	0.1	0.1	7.701	A
A-B	5.59	5.59			5.59				
A-C	103.63	103.63			103.63				
D-AB	18.14	18.14	141.11	0.129	18.05	0.1	0.2	7.671	A
D-BC	2.73	2.73	71.09	0.038	2.71	0.0	0.0	13.160	B
C-ABD	1.10	1.10	133.70	0.008	1.11	0.0	0.0	6.787	A
C-D	6.59	6.59			6.59				
C-A	134.92	134.92			134.92				

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-CD	2.20	2.20	131.53	0.017	2.21	0.0	0.0	6.959	A
B-AD	14.81	14.81	62.96	0.235	14.77	0.3	0.3	18.861	C
A-BCD	11.06	11.06	124.70	0.089	11.06	0.1	0.1	7.511	A
A-B	4.72	4.72			4.72				
A-C	99.16	99.16			99.16				
D-AB	12.08	12.08	155.93	0.077	12.15	0.2	0.1	6.262	A
D-BC	3.30	3.30	80.54	0.041	3.29	0.0	0.0	11.650	B
C-ABD	5.57	5.57	111.37	0.050	5.53	0.0	0.1	8.249	A
C-D	1.10	1.10			1.10				
C-A	101.36	101.36			101.36				

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-CD	8.79	8.79	137.52	0.064	8.74	0.0	0.1	6.989	A
B-AD	6.90	6.90	55.96	0.123	7.06	0.3	0.1	18.272	C
A-BCD	10.98	10.98	133.51	0.082	10.98	0.1	0.1	7.765	A
A-B	7.22	7.22			7.22				
A-C	117.99	117.99			117.99				
D-AB	12.08	12.08	150.18	0.080	12.08	0.1	0.1	6.516	A
D-BC	3.30	3.30	73.90	0.045	3.29	0.0	0.0	12.745	B
C-ABD	3.30	3.30	127.85	0.026	3.32	0.1	0.0	8.188	A
C-D	3.30	3.30			3.30				
C-A	122.16	122.16			122.16				

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-CD	1.76	1.76	96.92	0.018	1.81	0.1	0.0	9.466	A
B-AD	10.53	10.53	52.70	0.200	10.43	0.1	0.2	21.013	C
A-BCD	17.58	17.58	136.56	0.129	17.52	0.1	0.1	7.557	A
A-B	10.29	10.29			10.29				
A-C	130.37	130.37			130.37				
D-AB	10.46	10.46	144.37	0.072	10.47	0.1	0.1	6.723	A
D-BC	3.82	3.82	73.87	0.052	3.81	0.0	0.1	12.845	B
C-ABD	3.30	3.30	121.57	0.027	3.30	0.0	0.0	7.611	A
C-D	0.00	0.00			0.00				
C-A	111.32	111.32			111.32				

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-CD	2.20	2.20	130.78	0.017	2.20	0.0	0.0	7.001	A
B-AD	3.35	3.35	41.82	0.081	3.52	0.2	0.1	19.790	C
A-BCD	4.39	4.39	124.01	0.035	4.50	0.1	0.0	7.539	A
A-B	10.52	10.52			10.52				
A-C	119.01	119.01			119.01				
D-AB	11.06	11.06	124.09	0.089	11.05	0.1	0.1	7.561	A
D-BC	4.39	4.39	69.63	0.063	4.38	0.1	0.1	13.788	B
C-ABD	1.10	1.10	129.51	0.008	1.12	0.0	0.0	7.009	A
C-D	3.30	3.30			3.30				
C-A	152.57	152.57			152.57				

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-CD	7.69	7.69	130.49	0.059	7.64	0.0	0.1	7.325	A
B-AD	11.06	11.06	60.58	0.182	10.90	0.1	0.2	19.565	C
A-BCD	16.48	16.48	143.11	0.115	16.39	0.0	0.1	7.097	A
A-B	10.52	10.52			10.52				
A-C	111.32	111.32			111.32				
D-AB	12.08	12.08	157.88	0.076	12.09	0.1	0.1	6.507	A
D-BC	4.39	4.39	81.66	0.054	4.40	0.1	0.1	11.652	B
C-ABD	1.10	1.10	127.19	0.009	1.10	0.0	0.0	7.136	A
C-D	0.00	0.00			0.00				
C-A	90.30	90.30			90.30				

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-CD	1.10	1.10	134.41	0.008	1.15	0.1	0.0	6.755	A
B-AD	4.31	4.31	52.44	0.083	4.47	0.2	0.1	17.109	C
A-BCD	16.48	16.48	138.85	0.119	16.47	0.1	0.1	7.353	A
A-B	4.65	4.65			4.65				
A-C	112.27	112.27			112.27				
D-AB	16.48	16.48	157.27	0.105	16.45	0.1	0.1	6.389	A
D-BC	3.30	3.30	79.55	0.041	3.31	0.1	0.0	11.805	B
C-ABD	4.39	4.39	130.40	0.034	4.37	0.0	0.0	7.139	A
C-D	3.30	3.30			3.30				
C-A	96.02	96.02			96.02				

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-CD	5.49	5.49	131.59	0.042	5.46	0.0	0.0	7.133	A
B-AD	6.59	6.59	48.69	0.135	6.52	0.1	0.2	21.654	C
A-BCD	16.55	16.55	124.43	0.133	16.54	0.1	0.1	8.029	A
A-B	9.84	9.84			9.84				
A-C	113.74	113.74			113.74				
D-AB	21.97	21.97	146.93	0.150	21.91	0.1	0.2	7.195	A
D-BC	5.49	5.49	71.28	0.077	5.45	0.0	0.1	13.666	B
C-ABD	0.00	0.00	252.23	0.000	0.03	0.0	0.0	0.000	A
C-D	1.10	1.10			1.10				
C-A	130.94	130.94			130.94				

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-CD	5.49	5.49	125.06	0.044	5.49	0.0	0.0	7.525	A
B-AD	7.76	7.76	40.28	0.193	7.69	0.2	0.2	27.062	D
A-BCD	17.58	17.58	130.18	0.135	17.56	0.1	0.2	8.304	A
A-B	7.56	7.56			7.56				
A-C	133.22	133.22			133.22				
D-AB	48.41	48.41	142.40	0.340	48.08	0.2	0.5	9.406	A
D-BC	2.20	2.20	63.60	0.035	2.24	0.1	0.0	14.676	B
C-ABD	0.00	0.00	242.86	0.000	0.00	0.0	0.0	0.000	A
C-D	1.10	1.10			1.10				
C-A	135.79	135.79			135.79				

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-CD	1.10	1.10	127.87	0.009	1.14	0.0	0.0	7.105	A
B-AD	12.36	12.36	54.19	0.228	12.29	0.2	0.3	22.458	C
A-BCD	12.16	12.16	119.90	0.102	12.21	0.2	0.1	7.891	A
A-B	3.47	3.47			3.47				
A-C	111.55	111.55			111.55				
D-AB	13.18	13.18	150.75	0.087	13.58	0.5	0.1	6.713	A
D-BC	2.20	2.20	72.23	0.030	2.20	0.0	0.0	12.851	B
C-ABD	6.67	6.67	110.76	0.060	6.61	0.0	0.1	8.092	A
C-D	3.37	3.37			3.37				
C-A	119.16	119.16			119.16				

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-CD	1.10	1.10	131.05	0.008	1.10	0.0	0.0	6.927	A
B-AD	3.35	3.35	41.44	0.082	3.57	0.3	0.1	20.126	C
A-BCD	16.48	16.48	129.71	0.127	16.43	0.1	0.2	8.310	A
A-B	8.96	8.96			8.96				
A-C	119.16	119.16			119.16				
D-AB	16.55	16.55	137.29	0.121	16.52	0.1	0.1	7.205	A
D-BC	2.20	2.20	69.55	0.032	2.20	0.0	0.0	13.361	B
C-ABD	3.30	3.30	125.83	0.026	3.32	0.1	0.0	8.213	A
C-D	2.20	2.20			2.20				
C-A	137.61	137.61			137.61				

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-CD	3.95	3.95	112.42	0.035	3.93	0.0	0.0	8.293	A
B-AD	12.06	12.06	59.93	0.201	11.87	0.1	0.3	20.566	C
A-BCD	20.95	20.95	132.04	0.159	20.92	0.2	0.2	7.877	A
A-B	5.97	5.97			5.97				
A-C	127.80	127.80			127.80				
D-AB	13.18	13.18	156.49	0.084	13.22	0.1	0.1	6.549	A
D-BC	3.30	3.30	74.48	0.044	3.28	0.0	0.0	12.641	B
C-ABD	2.20	2.20	123.35	0.018	2.21	0.0	0.0	7.429	A
C-D	3.37	3.37			3.37				
C-A	98.06	98.06			98.06				

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-CD	7.76	7.76	122.97	0.063	7.74	0.0	0.1	7.444	A
B-AD	4.88	4.88	47.74	0.103	5.04	0.3	0.1	20.135	C
A-BCD	26.37	26.37	127.38	0.207	26.28	0.2	0.3	9.171	A
A-B	9.19	9.19			9.19				
A-C	129.92	129.92			129.92				
D-AB	8.79	8.79	132.39	0.066	8.81	0.1	0.1	7.286	A
D-BC	8.79	8.79	67.58	0.130	8.69	0.0	0.1	15.256	C
C-ABD	0.00	0.00	242.21	0.000	0.02	0.0	0.0	0.000	A
C-D	3.37	3.37			3.37				
C-A	149.69	149.69			149.69				

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-CD	2.83	2.83	108.22	0.026	2.86	0.1	0.0	9.487	A
B-AD	7.11	7.11	44.93	0.159	7.05	0.1	0.2	22.203	C
A-BCD	22.05	22.05	124.40	0.177	22.10	0.3	0.2	8.515	A
A-B	6.27	6.27			6.27				
A-C	124.43	124.43			124.43				
D-AB	16.55	16.55	138.35	0.120	16.49	0.1	0.1	7.192	A
D-BC	1.10	1.10	66.83	0.016	1.23	0.1	0.0	13.744	B
C-ABD	2.20	2.20	123.90	0.018	2.18	0.0	0.0	7.393	A
C-D	1.10	1.10			1.10				
C-A	133.37	133.37			133.37				

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-CD	0.00	0.00	105.70	0.000	0.03	0.0	0.0	0.000	A
B-AD	15.44	15.44	58.62	0.262	15.22	0.2	0.4	23.193	C
A-BCD	18.67	18.67	132.21	0.141	18.71	0.2	0.2	8.196	A
A-B	5.25	5.25			5.25				
A-C	120.26	120.26			120.26				
D-AB	19.85	19.85	141.83	0.140	19.82	0.1	0.2	7.417	A
D-BC	1.10	1.10	69.37	0.016	1.10	0.0	0.0	13.182	B
C-ABD	2.27	2.27	83.07	0.027	2.27	0.0	0.0	9.255	A
C-D	1.10	1.10			1.10				
C-A	122.61	122.61			122.61				

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-CD	2.20	2.20	118.65	0.019	2.18	0.0	0.0	7.726	A
B-AD	11.76	11.76	52.64	0.224	11.86	0.4	0.3	21.306	C
A-BCD	7.69	7.69	129.65	0.059	7.80	0.2	0.1	7.391	A
A-B	4.22	4.22			4.22				
A-C	151.09	151.09			151.09				
D-AB	12.16	12.16	133.83	0.091	12.22	0.2	0.1	7.238	A
D-BC	2.20	2.20	66.43	0.033	2.18	0.0	0.0	14.004	B
C-ABD	2.20	2.20	121.49	0.018	2.20	0.0	0.0	9.519	A
C-D	4.39	4.39			4.39				
C-A	137.61	137.61			137.61				

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-CD	0.00	0.00	122.34	0.000	0.02	0.0	0.0	0.000	A
B-AD	7.36	7.36	47.28	0.157	7.48	0.3	0.2	20.384	C
A-BCD	10.98	10.98	135.51	0.081	10.96	0.1	0.1	7.226	A
A-B	13.01	13.01			13.01				
A-C	143.33	143.33			143.33				
D-AB	14.36	14.36	140.03	0.103	14.34	0.1	0.1	7.209	A
D-BC	4.39	4.39	73.84	0.060	4.37	0.0	0.1	12.948	B
C-ABD	2.20	2.20	121.06	0.018	2.20	0.0	0.0	7.571	A
C-D	5.49	5.49			5.49				
C-A	109.28	109.28			109.28				

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-CD	3.37	3.37	94.56	0.036	3.34	0.0	0.0	8.824	A
B-AD	10.12	10.12	52.76	0.191	10.04	0.2	0.3	22.821	C
A-BCD	12.08	12.08	125.05	0.097	12.06	0.1	0.1	7.965	A
A-B	2.83	2.83			2.83				
A-C	126.47	126.47			126.47				
D-AB	23.07	23.07	141.15	0.163	22.98	0.1	0.2	7.894	A
D-BC	3.37	3.37	48.48	0.070	3.37	0.1	0.1	16.937	C
C-ABD	5.49	5.49	129.11	0.043	5.47	0.0	0.0	7.276	A
C-D	3.30	3.30			3.30				
C-A	146.77	146.77			146.77				

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-CD	7.23	7.23	121.68	0.059	7.19	0.0	0.1	8.775	A
B-AD	7.29	7.29	45.32	0.161	7.36	0.3	0.2	22.157	C
A-BCD	26.37	26.37	121.60	0.217	26.20	0.1	0.3	9.418	A
A-B	5.18	5.18			5.18				
A-C	124.42	124.42			124.42				
D-AB	12.08	12.08	134.19	0.090	12.18	0.2	0.1	7.381	A
D-BC	4.39	4.39	58.00	0.075	4.36	0.1	0.1	19.439	C
C-ABD	0.00	0.00	245.70	0.000	0.04	0.0	0.0	0.000	A
C-D	6.59	6.59			6.59				
C-A	166.47	166.47			166.47				

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-CD	3.99	3.99	100.31	0.040	4.02	0.1	0.0	9.349	A
B-AD	11.92	11.92	43.84	0.272	11.74	0.2	0.4	27.964	D
A-BCD	12.08	12.08	124.24	0.097	12.25	0.3	0.1	8.049	A
A-B	7.15	7.15			7.15				
A-C	152.04	152.04			152.04				
D-AB	13.18	13.18	138.12	0.095	13.18	0.1	0.1	7.202	A
D-BC	4.39	4.39	60.63	0.072	4.41	0.1	0.1	16.014	C
C-ABD	3.30	3.30	120.00	0.027	3.27	0.0	0.0	7.708	A
C-D	3.30	3.30			3.30				
C-A	154.39	154.39			154.39				

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-CD	6.59	6.59	121.57	0.054	6.58	0.0	0.1	7.825	A
B-AD	5.88	5.88	38.65	0.153	6.06	0.4	0.2	25.581	D
A-BCD	15.38	15.38	128.65	0.120	15.35	0.1	0.1	7.941	A
A-B	6.05	6.05			6.05				
A-C	161.85	161.85			161.85				
D-AB	13.18	13.18	142.22	0.093	13.18	0.1	0.1	6.974	A
D-BC	5.49	5.49	63.45	0.087	5.48	0.1	0.1	15.520	C
C-ABD	4.39	4.39	117.04	0.038	4.38	0.0	0.0	7.989	A
C-D	3.30	3.30			3.30				
C-A	132.57	132.57			132.57				

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-CD	6.12	6.12	109.88	0.056	6.12	0.1	0.1	8.673	A
B-AD	6.61	6.61	45.62	0.144	6.59	0.2	0.2	26.208	D
A-BCD	20.87	20.87	132.87	0.157	20.82	0.1	0.2	8.029	A
A-B	8.17	8.17			8.17				
A-C	178.33	178.33			178.33				
D-AB	14.28	14.28	148.11	0.096	14.28	0.1	0.1	6.724	A
D-BC	4.39	4.39	62.71	0.070	4.41	0.1	0.1	15.441	C
C-ABD	3.30	3.30	110.53	0.030	3.30	0.0	0.0	8.393	A
C-D	4.39	4.39			4.39				
C-A	125.38	125.38			125.38				

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-CD	13.33	13.33	113.10	0.118	13.27	0.1	0.1	8.538	A
B-AD	3.94	3.94	35.04	0.113	4.01	0.2	0.1	25.981	D
A-BCD	8.79	8.79	125.61	0.070	8.90	0.2	0.1	7.719	A
A-B	2.52	2.52			2.52				
A-C	171.74	171.74			171.74				
D-AB	20.32	20.32	139.98	0.145	20.26	0.1	0.2	7.514	A
D-BC	0.55	0.55	61.37	0.009	0.62	0.1	0.0	14.827	B
C-ABD	3.37	3.37	88.00	0.038	3.37	0.0	0.0	9.252	A
C-D	3.30	3.30			3.30				
C-A	144.65	144.65			144.65				

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-CD	4.39	4.39	116.14	0.038	4.47	0.1	0.0	9.135	A
B-AD	4.06	4.06	37.50	0.108	4.06	0.1	0.1	26.858	D
A-BCD	12.08	12.08	132.59	0.091	12.06	0.1	0.1	7.464	A
A-B	8.19	8.19			8.19				
A-C	193.48	193.48			193.48				
D-AB	18.67	18.67	150.69	0.124	18.70	0.2	0.1	6.819	A
D-BC	2.20	2.20	63.71	0.034	2.17	0.0	0.0	14.618	B
C-ABD	3.30	3.30	109.55	0.030	3.29	0.0	0.0	9.978	A
C-D	6.59	6.59			6.59				
C-A	124.28	124.28			124.28				

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-CD	6.59	6.59	122.31	0.054	6.58	0.0	0.1	7.775	A
B-AD	3.04	3.04	36.27	0.083	3.06	0.1	0.1	28.741	D
A-BCD	6.59	6.59	127.40	0.052	6.64	0.1	0.1	7.454	A
A-B	2.32	2.32			2.32				
A-C	205.79	205.79			205.79				
D-AB	17.05	17.05	139.14	0.123	17.05	0.1	0.1	7.370	A
D-BC	2.73	2.73	58.68	0.046	2.71	0.0	0.0	16.076	C
C-ABD	2.20	2.20	110.87	0.020	2.21	0.0	0.0	8.285	A
C-D	7.69	7.69			7.69				
C-A	141.06	141.06			141.06				

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-CD	1.25	1.25	57.63	0.022	1.28	0.1	0.0	15.982	C
B-AD	6.48	6.48	43.37	0.149	6.40	0.1	0.2	25.894	D
A-BCD	14.28	14.28	136.60	0.105	14.22	0.1	0.1	7.351	A
A-B	5.44	5.44			5.44				
A-C	211.21	211.21			211.21				
D-AB	40.64	40.64	151.36	0.269	40.42	0.1	0.4	8.096	A
D-BC	6.59	6.59	62.69	0.105	6.52	0.0	0.1	16.004	C
C-ABD	3.30	3.30	106.40	0.031	3.28	0.0	0.0	8.726	A
C-D	2.20	2.20			2.20				
C-A	110.15	110.15			110.15				

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-CD	8.79	8.79	110.13	0.080	8.72	0.0	0.1	8.869	A
B-AD	6.70	6.70	37.18	0.181	6.68	0.2	0.2	27.601	D
A-BCD	20.87	20.87	134.31	0.155	20.80	0.1	0.2	7.923	A
A-B	5.52	5.52			5.52				
A-C	225.56	225.56			225.56				
D-AB	16.48	16.48	153.77	0.107	16.72	0.4	0.1	6.577	A
D-BC	1.10	1.10	56.47	0.019	1.19	0.1	0.0	16.306	C
C-ABD	4.39	4.39	99.92	0.044	4.38	0.0	0.0	9.418	A
C-D	7.69	7.69			7.69				
C-A	112.35	112.35			112.35				

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-CD	10.55	10.55	108.31	0.097	10.53	0.1	0.1	9.201	A
B-AD	8.73	8.73	41.63	0.209	8.66	0.2	0.3	29.076	D
A-BCD	15.38	15.38	129.77	0.119	15.42	0.2	0.1	7.873	A
A-B	7.34	7.34			7.34				
A-C	210.98	210.98			210.98				
D-AB	25.26	25.26	144.38	0.175	25.18	0.1	0.2	7.545	A
D-BC	5.49	5.49	55.75	0.099	5.41	0.0	0.1	17.847	C
C-ABD	2.20	2.20	105.67	0.021	2.22	0.0	0.0	8.701	A
C-D	6.59	6.59			6.59				
C-A	130.22	130.22			130.22				

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-CD	4.39	4.39	108.74	0.040	4.46	0.1	0.0	8.637	A
B-AD	5.88	5.88	47.92	0.122	6.00	0.3	0.1	22.210	C
A-BCD	16.48	16.48	137.32	0.120	16.48	0.1	0.1	7.447	A
A-B	3.90	3.90			3.90				
A-C	222.12	222.12			222.12				
D-AB	15.38	15.38	155.12	0.099	15.48	0.2	0.1	6.451	A
D-BC	3.30	3.30	62.36	0.053	3.35	0.1	0.1	15.266	C
C-ABD	3.37	3.37	76.82	0.044	3.35	0.0	0.0	10.966	B
C-D	4.39	4.39			4.39				
C-A	105.60	105.60			105.60				

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-CD	10.52	10.52	115.07	0.091	10.46	0.0	0.1	8.599	A
B-AD	6.88	6.88	43.18	0.160	6.86	0.1	0.2	23.117	C
A-BCD	18.67	18.67	132.75	0.141	18.65	0.1	0.2	7.886	A
A-B	3.63	3.63			3.63				
A-C	193.56	193.56			193.56				
D-AB	19.77	19.77	149.35	0.132	19.73	0.1	0.2	6.942	A
D-BC	2.20	2.20	59.19	0.037	2.21	0.1	0.0	15.802	C
C-ABD	1.10	1.10	108.43	0.010	1.13	0.0	0.0	10.488	B
C-D	3.30	3.30			3.30				
C-A	127.72	127.72			127.72				

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-CD	5.49	5.49	116.59	0.047	5.54	0.1	0.0	8.109	A
B-AD	4.22	4.22	35.13	0.121	4.27	0.2	0.1	26.267	D
A-BCD	24.17	24.17	132.15	0.183	24.11	0.2	0.2	8.326	A
A-B	4.65	4.65			4.65				
A-C	206.59	206.59			206.59				
D-AB	19.77	19.77	149.04	0.133	19.77	0.2	0.2	6.961	A
D-BC	3.30	3.30	57.53	0.057	3.27	0.0	0.1	16.588	C
C-ABD	2.20	2.20	105.26	0.021	2.19	0.0	0.0	8.732	A
C-D	7.69	7.69			7.69				
C-A	125.45	125.45			125.45				

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-CD	4.51	4.51	95.36	0.047	4.51	0.0	0.0	9.907	A
B-AD	4.45	4.45	38.44	0.115	4.44	0.1	0.1	27.893	D
A-BCD	16.48	16.48	135.32	0.122	16.56	0.2	0.1	7.585	A
A-B	4.48	4.48			4.48				
A-C	206.74	206.74			206.74				
D-AB	33.01	33.01	145.89	0.226	32.88	0.2	0.3	7.954	A
D-BC	4.34	4.34	62.36	0.070	4.32	0.1	0.1	15.503	C
C-ABD	0.00	0.00	214.81	0.000	0.02	0.0	0.0	0.000	A
C-D	7.76	7.76			7.76				
C-A	114.47	114.47			114.47				

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-CD	2.77	2.77	106.02	0.026	2.79	0.0	0.0	8.721	A
B-AD	1.72	1.72	40.18	0.043	1.81	0.1	0.0	22.372	C
A-BCD	19.77	19.77	139.66	0.142	19.75	0.1	0.2	7.502	A
A-B	1.26	1.26			1.26				
A-C	200.00	200.00			200.00				
D-AB	17.13	17.13	141.53	0.121	17.29	0.3	0.1	6.915	A
D-BC	3.82	3.82	67.66	0.056	3.83	0.1	0.1	14.103	B
C-ABD	1.10	1.10	109.02	0.010	1.09	0.0	0.0	8.339	A
C-D	4.39	4.39			4.39				
C-A	102.23	102.23			102.23				

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-CD	6.04	6.04	125.29	0.048	6.02	0.0	0.1	7.546	A
B-AD	0.69	0.69	52.75	0.013	0.72	0.0	0.0	21.348	C
A-BCD	14.28	14.28	135.46	0.105	14.32	0.2	0.1	7.431	A
A-B	4.48	4.48			4.48				
A-C	180.38	180.38			180.38				
D-AB	14.28	14.28	153.57	0.093	14.30	0.1	0.1	6.728	A
D-BC	2.20	2.20	67.11	0.033	2.22	0.1	0.0	13.878	B
C-ABD	3.37	3.37	85.14	0.040	3.34	0.0	0.0	10.282	B
C-D	2.20	2.20			2.20				
C-A	116.51	116.51			116.51				

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-CD	1.68	1.68	108.23	0.016	1.71	0.1	0.0	8.453	A
B-AD	5.06	5.06	83.35	0.061	5.01	0.0	0.1	11.709	B
A-BCD	12.08	12.08	141.88	0.085	12.11	0.1	0.1	6.938	A
A-B	2.28	2.28			2.28				
A-C	135.19	135.19			135.19				
D-AB	18.67	18.67	160.42	0.116	18.65	0.1	0.1	6.348	A
D-BC	3.30	3.30	80.55	0.041	3.29	0.0	0.0	11.646	B
C-ABD	3.37	3.37	94.75	0.036	3.37	0.0	0.0	9.849	A
C-D	1.10	1.10			1.10				
C-A	89.20	89.20			89.20				

RECEIVED: 17/12/2025

2042+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	Fota Island/R624/L3619	Crossroads	Two-way		3.08	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	Relationship type	Relationship
D8	2042+Adj+Dev	DIRECT	07:00	19:00	720	15	✓	Simple	D3+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 - R624 N		DIRECT	✓	100.000
B - L3619		DIRECT	✓	100.000
C - R624 S		DIRECT	✓	100.000
D - Fota Island Resort		DIRECT	✓	100.000

Origin-Destination Data

Demand (Veh/TS)

07:00 - 07:15

From	To				
		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
	A - R624 N	0.00	3.08	80.01	3.77
	B - L3619	3.42	0.00	2.40	1.20
	C - R624 S	233.29	1.20	0.00	1.20
	D - Fota Island Resort	5.99	0.00	3.95	0.00

Demand (Veh/TS)

07:15 - 07:30

From	To				
		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
	A - R624 N	0.00	4.27	88.05	7.37
	B - L3619	4.79	0.00	2.40	0.00
	C - R624 S	250.58	0.00	0.00	2.40
	D - Fota Island Resort	3.60	0.00	0.00	0.00

Demand (Veh/TS)

		To			
		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
07:30 - 07:45	From	A - R624 N	0.00	6.07	96.12
		B - L3619	4.19	0.00	3.77
		C - R624 S	248.88	2.40	0.00
		D - Fota Island Resort	22.96	0.00	0.00

Demand (Veh/TS)

		To			
		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
07:45 - 08:00	From	A - R624 N	0.00	5.72	91.47
		B - L3619	6.59	0.00	1.37
		C - R624 S	282.27	1.20	0.00
		D - Fota Island Resort	8.39	1.20	3.77

Demand (Veh/TS)

		To			
		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
08:00 - 08:15	From	A - R624 N	0.00	5.12	110.65
		B - L3619	8.70	0.00	1.20
		C - R624 S	286.92	1.20	0.00
		D - Fota Island Resort	21.76	0.00	0.00

Demand (Veh/TS)

		To			
		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
08:15 - 08:30	From	A - R624 N	0.00	9.92	135.16
		B - L3619	8.87	0.00	3.60
		C - R624 S	286.05	1.20	0.00
		D - Fota Island Resort	9.59	0.00	1.20

Demand (Veh/TS)

		To			
		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
08:30 - 08:45	From	A - R624 N	0.00	3.52	133.43
		B - L3619	4.15	0.00	8.39
		C - R624 S	279.73	2.40	0.00
		D - Fota Island Resort	16.79	0.00	4.80

Demand (Veh/TS)

		To			
		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
08:45 - 09:00	From	A - R624 N	0.00	15.01	132.61
		B - L3619	4.32	0.00	6.17
		C - R624 S	222.33	3.77	0.00
		D - Fota Island Resort	14.39	0.00	0.00

Demand (Veh/TS)

		To			
		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
09:00 - 09:15	From	A - R624 N	0.00	15.74	114.45
		B - L3619	10.92	0.00	1.20
		C - R624 S	197.15	0.00	0.00
		D - Fota Island Resort	16.79	0.00	0.00

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Demand (Veh/TS)

	To				
		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
09:15 - 09:30	From	A - R624 N	0.00	5.62	124.22
		B - L3619	10.75	0.00	2.40
		C - R624 S	161.18	4.80	0.00
		D - Fota Island Resort	9.59	0.00	0.00

Demand (Veh/TS)

	To				
		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
09:30 - 09:45	From	A - R624 N	0.00	11.02	110.88
		B - L3619	7.71	0.00	4.80
		C - R624 S	137.91	1.20	0.00
		D - Fota Island Resort	10.97	0.00	4.80

Demand (Veh/TS)

	To				
		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
09:45 - 10:00	From	A - R624 N	0.00	8.62	113.93
		B - L3619	4.96	0.00	0.00
		C - R624 S	126.59	3.60	0.00
		D - Fota Island Resort	15.59	0.00	3.77

Demand (Veh/TS)

	To				
		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
10:00 - 10:15	From	A - R624 N	0.00	11.31	124.89
		B - L3619	11.40	0.00	3.60
		C - R624 S	130.36	2.40	0.00
		D - Fota Island Resort	9.77	0.00	1.20

Demand (Veh/TS)

	To				
		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
10:15 - 10:30	From	A - R624 N	0.00	5.99	113.58
		B - L3619	12.43	0.00	3.60
		C - R624 S	148.37	1.20	0.00
		D - Fota Island Resort	19.18	1.20	2.40

Demand (Veh/TS)

	To				
		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
10:30 - 10:45	From	A - R624 N	0.00	5.02	108.61
		B - L3619	16.32	0.00	2.40
		C - R624 S	111.00	6.17	0.00
		D - Fota Island Resort	13.19	0.00	3.60

Demand (Veh/TS)

	To				
		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
10:45 - 11:00	From	A - R624 N	0.00	8.12	129.34
		B - L3619	7.40	0.00	9.59
		C - R624 S	133.61	3.60	0.00
		D - Fota Island Resort	13.19	0.00	3.60

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Demand (Veh/TS)

		To			
		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
11:00 - 11:15	From	A - R624 N	0.00	11.30	143.23
		B - L3619	11.09	0.00	1.20
		C - R624 S	121.97	3.60	0.00
		D - Fota Island Resort	10.79	1.20	3.60
					0.00

Demand (Veh/TS)

		To			
		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
11:15 - 11:30	From	A - R624 N	0.00	11.82	130.36
		B - L3619	3.55	0.00	2.40
		C - R624 S	167.73	1.20	0.00
		D - Fota Island Resort	12.16	0.00	4.80
					0.00

Demand (Veh/TS)

		To			
		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
11:30 - 11:45	From	A - R624 N	0.00	11.82	121.97
		B - L3619	12.16	0.00	8.39
		C - R624 S	98.84	1.20	0.00
		D - Fota Island Resort	13.19	0.00	4.80
					0.00

Demand (Veh/TS)

		To			
		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
11:45 - 12:00	From	A - R624 N	0.00	4.95	122.82
		B - L3619	4.62	0.00	1.20
		C - R624 S	105.36	4.80	0.00
		D - Fota Island Resort	17.98	0.00	3.60
					0.00

Demand (Veh/TS)

		To			
		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
12:00 - 12:15	From	A - R624 N	0.00	10.94	124.89
		B - L3619	7.19	0.00	5.99
		C - R624 S	143.20	0.00	0.00
		D - Fota Island Resort	23.98	0.00	5.99
					0.00

Demand (Veh/TS)

		To			
		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
12:15 - 12:30	From	A - R624 N	0.00	8.37	145.77
		B - L3619	8.56	0.00	5.99
		C - R624 S	149.05	0.00	0.00
		D - Fota Island Resort	52.93	0.00	2.40
					0.00

Demand (Veh/TS)

		To			
		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
12:30 - 12:45	From	A - R624 N	0.00	3.77	122.49
		B - L3619	13.67	0.00	1.20
		C - R624 S	130.71	7.37	0.00
		D - Fota Island Resort	14.39	0.00	2.40
					0.00

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Demand (Veh/TS)

12:45 - 13:00

	To				
		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
From	A - R624 N	0.00	9.77	130.71	17.98
	B - L3619	3.55	0.00	1.20	0.00
	C - R624 S	150.57	3.60	0.00	2.40
	D - Fota Island Resort	18.16	0.00	2.40	0.00

Demand (Veh/TS)

13:00 - 13:15

	To				
		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
From	A - R624 N	0.00	6.47	139.95	22.96
	B - L3619	12.63	0.00	3.60	1.20
	C - R624 S	107.41	2.40	0.00	3.77
	D - Fota Island Resort	14.39	0.00	3.60	0.00

Demand (Veh/TS)

13:15 - 13:30

	To				
		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
From	A - R624 N	0.00	9.90	142.18	28.77
	B - L3619	5.08	0.00	8.57	0.00
	C - R624 S	163.76	0.00	0.00	3.77
	D - Fota Island Resort	9.59	0.00	9.59	0.00

Demand (Veh/TS)

13:30 - 13:45

	To				
		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
From	A - R624 N	0.00	6.77	136.18	24.15
	B - L3619	7.15	0.00	2.40	1.20
	C - R624 S	146.12	2.40	0.00	1.20
	D - Fota Island Resort	18.16	0.00	1.20	0.00

Demand (Veh/TS)

13:45 - 14:00

	To				
		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
From	A - R624 N	0.00	5.75	131.91	20.38
	B - L3619	16.74	0.00	0.00	0.00
	C - R624 S	134.66	2.57	0.00	1.20
	D - Fota Island Resort	21.76	0.00	1.20	0.00

Demand (Veh/TS)

14:00 - 14:15

	To				
		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
From	A - R624 N	0.00	4.52	165.66	8.39
	B - L3619	12.76	0.00	2.40	0.00
	C - R624 S	150.57	2.40	0.00	4.80
	D - Fota Island Resort	13.36	0.00	2.40	0.00

Demand (Veh/TS)

14:15 - 14:30

	To				
		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
From	A - R624 N	0.00	14.11	157.09	11.99
	B - L3619	7.96	0.00	0.00	0.00
	C - R624 S	119.92	2.40	0.00	5.99
	D - Fota Island Resort	15.76	0.00	4.80	0.00

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Demand (Veh/TS)

		To			
		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
14:30 - 14:45	From	A - R624 N	0.00	2.93	138.23
		B - L3619	10.83	0.00	3.77
		C - R624 S	161.04	5.99	0.00
		D - Fota Island Resort	25.18	0.00	3.77
					0.00

Demand (Veh/TS)

		To			
		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
14:45 - 15:00	From	A - R624 N	0.00	5.68	136.18
		B - L3619	7.23	0.00	7.19
		C - R624 S	182.44	0.00	0.00
		D - Fota Island Resort	13.19	0.00	4.80
					0.00

Demand (Veh/TS)

		To			
		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
15:00 - 15:15	From	A - R624 N	0.00	7.85	166.50
		B - L3619	12.72	0.00	3.60
		C - R624 S	169.25	3.60	0.00
		D - Fota Island Resort	14.39	0.00	4.80
					0.00

Demand (Veh/TS)

		To			
		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
15:15 - 15:30	From	A - R624 N	0.00	6.65	177.12
		B - L3619	6.38	0.00	7.19
		C - R624 S	145.62	4.80	0.00
		D - Fota Island Resort	14.39	0.00	5.99
					0.00

Demand (Veh/TS)

		To			
		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
15:30 - 15:45	From	A - R624 N	0.00	8.97	195.10
		B - L3619	6.64	0.00	5.99
		C - R624 S	137.03	3.60	0.00
		D - Fota Island Resort	15.59	0.00	4.80
					0.00

Demand (Veh/TS)

		To			
		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
15:45 - 16:00	From	A - R624 N	0.00	2.62	187.91
		B - L3619	4.24	0.00	14.74
		C - R624 S	158.81	3.77	0.00
		D - Fota Island Resort	21.58	1.20	0.00
					0.00

Demand (Veh/TS)

		To			
		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
16:00 - 16:15	From	A - R624 N	0.00	9.29	211.36
		B - L3619	4.36	0.00	4.80
		C - R624 S	135.83	3.60	0.00
		D - Fota Island Resort	20.38	0.00	2.40
					0.00

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Demand (Veh/TS)

		To			
		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
16:15 - 16:30	From	A - R624 N	0.00	2.42	225.08
		B - L3619	3.04	0.00	7.19
		C - R624 S	154.52	2.40	0.00
		D - Fota Island Resort	17.98	1.20	2.40
					0.00

Demand (Veh/TS)

		To			
		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
16:30 - 16:45	From	A - R624 N	0.00	5.84	230.90
		B - L3619	5.73	0.00	0.00
		C - R624 S	120.59	3.60	0.00
		D - Fota Island Resort	44.36	0.00	7.19
					0.00

Demand (Veh/TS)

		To			
		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
16:45 - 17:00	From	A - R624 N	0.00	6.02	246.66
		B - L3619	7.10	0.00	9.59
		C - R624 S	122.99	4.80	0.00
		D - Fota Island Resort	17.98	0.00	1.20
					0.00

Demand (Veh/TS)

		To			
		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
17:00 - 17:15	From	A - R624 N	0.00	8.24	230.37
		B - L3619	8.90	0.00	10.79
		C - R624 S	142.88	2.40	0.00
		D - Fota Island Resort	27.58	0.00	5.99
					0.00

Demand (Veh/TS)

		To			
		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
17:15 - 17:30	From	A - R624 N	0.00	4.30	242.71
		B - L3619	6.28	0.00	4.80
		C - R624 S	115.45	3.77	0.00
		D - Fota Island Resort	16.79	0.00	3.60
					0.00

Demand (Veh/TS)

		To			
		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
17:30 - 17:45	From	A - R624 N	0.00	4.03	211.54
		B - L3619	6.72	0.00	10.79
		C - R624 S	139.78	1.20	0.00
		D - Fota Island Resort	21.58	0.00	2.40
					0.00

Demand (Veh/TS)

		To			
		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
17:45 - 18:00	From	A - R624 N	0.00	5.05	225.57
		B - L3619	4.32	0.00	5.99
		C - R624 S	137.20	2.40	0.00
		D - Fota Island Resort	21.58	0.00	3.60
					0.00

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Demand (Veh/TS)

	To				
		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
18:00 - 18:15	From	A - R624 N	0.00	4.88	225.92
		B - L3619	3.76	0.00	3.60
		C - R624 S	125.21	0.00	0.00
		D - Fota Island Resort	34.77	2.40	3.60
					0.00

Demand (Veh/TS)

	To				
		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
18:15 - 18:30	From	A - R624 N	0.00	1.46	218.38
		B - L3619	1.19	0.00	2.40
		C - R624 S	111.68	1.20	0.00
		D - Fota Island Resort	18.16	1.20	3.60
					0.00

Demand (Veh/TS)

	To				
		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
18:30 - 18:45	From	A - R624 N	0.00	4.88	197.15
		B - L3619	0.15	0.00	5.99
		C - R624 S	127.26	3.77	0.00
		D - Fota Island Resort	15.59	0.00	2.40
					0.00

Demand (Veh/TS)

	To				
		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
18:45 - 19:00	From	A - R624 N	0.00	2.48	147.64
		B - L3619	4.94	0.00	1.20
		C - R624 S	97.64	3.77	0.00
		D - Fota Island Resort	20.38	0.00	3.60
					0.00

Vehicle Mix

Heavy Vehicle Percentages

	To				
		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
07:00 - 07:15	From	A - R624 N	0	89	9
		B - L3619	93	0	0
		C - R624 S	2	0	0
		D - Fota Island Resort	0	0	70
					0

Heavy Vehicle Percentages

	To				
		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
07:15 - 07:30	From	A - R624 N	0	64	5
		B - L3619	95	0	0
		C - R624 S	0	0	0
		D - Fota Island Resort	0	0	0
					0

Heavy Vehicle Percentages

	To				
		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
07:30 - 07:45	From	A - R624 N	0	96	11
		B - L3619	93	0	36
		C - R624 S	2	0	0
		D - Fota Island Resort	6	0	0
					0

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Heavy Vehicle Percentages

07:45 - 08:00		To				
	From		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
		A - R624 N	0	54	3	10
		B - L3619	59	0	100	0
		C - R624 S	1	0	0	0
		D - Fota Island Resort	0	0	36	0

Heavy Vehicle Percentages

08:00 - 08:15		To				
	From		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
		A - R624 N	0	58	2	0
		B - L3619	70	0	0	0
		C - R624 S	4	0	0	13
		D - Fota Island Resort	6	0	0	0

Heavy Vehicle Percentages

08:15 - 08:30		To				
	From		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
		A - R624 N	0	30	5	7
		B - L3619	84	0	0	0
		C - R624 S	2	0	0	0
		D - Fota Island Resort	0	0	0	0

Heavy Vehicle Percentages

08:30 - 08:45		To				
	From		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
		A - R624 N	0	40	2	0
		B - L3619	63	0	0	0
		C - R624 S	4	0	0	0
		D - Fota Island Resort	0	0	0	0

Heavy Vehicle Percentages

08:45 - 09:00		To				
	From		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
		A - R624 N	0	46	11	0
		B - L3619	93	0	22	0
		C - R624 S	2	36	0	0
		D - Fota Island Resort	0	0	0	0

Heavy Vehicle Percentages

09:00 - 09:15		To				
	From		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
		A - R624 N	0	38	12	0
		B - L3619	64	0	0	0
		C - R624 S	2	0	0	0
		D - Fota Island Resort	0	0	0	0

Heavy Vehicle Percentages

09:15 - 09:30		To				
	From		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
		A - R624 N	0	32	12	0
		B - L3619	52	0	0	0
		C - R624 S	3	0	0	0
		D - Fota Island Resort	0	0	0	0

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Heavy Vehicle Percentages

		To			
		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
09:30 - 09:45	From	A - R624 N	0	54	21
		B - L3619	65	0	0
		C - R624 S	7	0	0
		D - Fota Island Resort	13	0	0

Heavy Vehicle Percentages

		To			
		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
09:45 - 10:00	From	A - R624 N	0	70	8
		B - L3619	46	0	0
		C - R624 S	4	0	0
		D - Fota Island Resort	0	0	36

Heavy Vehicle Percentages

		To			
		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
10:00 - 10:15	From	A - R624 N	0	46	9
		B - L3619	66	0	0
		C - R624 S	5	0	0
		D - Fota Island Resort	14	0	0

Heavy Vehicle Percentages

		To			
		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
10:15 - 10:30	From	A - R624 N	0	18	6
		B - L3619	50	0	0
		C - R624 S	11	0	0
		D - Fota Island Resort	0	0	0

Heavy Vehicle Percentages

		To			
		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
10:30 - 10:45	From	A - R624 N	0	25	5
		B - L3619	47	0	0
		C - R624 S	5	22	0
		D - Fota Island Resort	0	0	0

Heavy Vehicle Percentages

		To			
		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
10:45 - 11:00	From	A - R624 N	0	83	6
		B - L3619	48	0	0
		C - R624 S	3	0	0
		D - Fota Island Resort	0	0	0

Heavy Vehicle Percentages

		To			
		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
11:00 - 11:15	From	A - R624 N	0	35	10
		B - L3619	55	0	0
		C - R624 S	6	0	0
		D - Fota Island Resort	0	0	0

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Heavy Vehicle Percentages

11:15 - 11:30		To				
	From		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
		A - R624 N	0	68	5	0
		B - L3619	93	0	0	0
		C - R624 S	11	0	0	0
		D - Fota Island Resort	11	0	0	0

Heavy Vehicle Percentages

11:30 - 11:45		To				
	From		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
		A - R624 N	0	68	6	0
		B - L3619	49	0	0	0
		C - R624 S	4	0	0	0
		D - Fota Island Resort	0	0	0	0

Heavy Vehicle Percentages

11:45 - 12:00		To				
	From		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
		A - R624 N	0	24	3	0
		B - L3619	69	0	0	0
		C - R624 S	8	0	0	0
		D - Fota Island Resort	0	0	0	0

Heavy Vehicle Percentages

12:00 - 12:15		To				
	From		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
		A - R624 N	0	44	9	8
		B - L3619	64	0	0	0
		C - R624 S	3	0	0	0
		D - Fota Island Resort	0	0	0	0

Heavy Vehicle Percentages

12:15 - 12:30		To				
	From		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
		A - R624 N	0	42	4	0
		B - L3619	69	0	0	0
		C - R624 S	8	0	0	0
		D - Fota Island Resort	3	0	0	0

Heavy Vehicle Percentages

12:30 - 12:45		To				
	From		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
		A - R624 N	0	65	9	10
		B - L3619	54	0	0	0
		C - R624 S	7	19	0	36
		D - Fota Island Resort	0	0	0	0

Heavy Vehicle Percentages

12:45 - 13:00		To				
	From		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
		A - R624 N	0	25	7	0
		B - L3619	93	0	0	0
		C - R624 S	4	0	0	0
		D - Fota Island Resort	8	0	0	0

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Heavy Vehicle Percentages

13:00 - 13:15		To				
	From		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
		A - R624 N	0	42	5	6
		B - L3619	41	0	0	0
		C - R624 S	5	0	0	36
		D - Fota Island Resort	0	0	0	0

Heavy Vehicle Percentages

13:15 - 13:30		To				
	From		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
		A - R624 N	0	14	4	0
		B - L3619	47	0	16	0
		C - R624 S	3	0	0	36
		D - Fota Island Resort	0	0	0	0

Heavy Vehicle Percentages

13:30 - 13:45		To				
	From		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
		A - R624 N	0	44	4	6
		B - L3619	78	0	0	0
		C - R624 S	6	0	0	0
		D - Fota Island Resort	8	0	0	0

Heavy Vehicle Percentages

13:45 - 14:00		To				
	From		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
		A - R624 N	0	76	7	0
		B - L3619	33	0	0	0
		C - R624 S	9	53	0	0
		D - Fota Island Resort	6	0	0	0

Heavy Vehicle Percentages

14:00 - 14:15		To				
	From		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
		A - R624 N	0	69	7	0
		B - L3619	41	0	0	0
		C - R624 S	4	0	0	0
		D - Fota Island Resort	10	0	0	0

Heavy Vehicle Percentages

14:15 - 14:30		To				
	From		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
		A - R624 N	0	22	6	0
		B - L3619	66	0	0	0
		C - R624 S	8	0	0	0
		D - Fota Island Resort	9	0	0	0

Heavy Vehicle Percentages

14:30 - 14:45		To				
	From		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
		A - R624 N	0	53	2	0
		B - L3619	41	0	36	0
		C - R624 S	8	0	0	0
		D - Fota Island Resort	0	0	36	0

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Heavy Vehicle Percentages

14:45 - 15:00		To				
	From		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
		A - R624 N	0	76	4	0
		B - L3619	62	0	0	0
		C - R624 S	6	0	0	0
		D - Fota Island Resort	0	0	0	0

Heavy Vehicle Percentages

15:00 - 15:15		To				
	From		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
		A - R624 N	0	52	5	0
		B - L3619	60	0	0	0
		C - R624 S	6	0	0	0
		D - Fota Island Resort	0	0	0	0

Heavy Vehicle Percentages

15:15 - 15:30		To				
	From		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
		A - R624 N	0	61	4	0
		B - L3619	77	0	0	0
		C - R624 S	9	0	0	0
		D - Fota Island Resort	0	0	0	0

Heavy Vehicle Percentages

15:30 - 15:45		To				
	From		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
		A - R624 N	0	45	4	0
		B - L3619	43	0	0	0
		C - R624 S	2	0	0	0
		D - Fota Island Resort	0	0	0	0

Heavy Vehicle Percentages

15:45 - 16:00		To				
	From		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
		A - R624 N	0	48	4	0
		B - L3619	67	0	19	0
		C - R624 S	9	36	0	0
		D - Fota Island Resort	0	0	0	0

Heavy Vehicle Percentages

16:00 - 16:15		To				
	From		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
		A - R624 N	0	86	1	0
		B - L3619	68	0	0	0
		C - R624 S	2	0	0	0
		D - Fota Island Resort	0	0	0	0

Heavy Vehicle Percentages

16:15 - 16:30		To				
	From		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
		A - R624 N	0	45	3	0
		B - L3619	52	0	0	0
		C - R624 S	5	0	0	0
		D - Fota Island Resort	0	0	0	0

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Heavy Vehicle Percentages

16:30 - 16:45		To				
	From		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
		A - R624 N	0	16	2	0
		B - L3619	32	0	0	0
		C - R624 S	5	0	0	0
		D - Fota Island Resort	0	0	0	0

Heavy Vehicle Percentages

16:45 - 17:00		To				
	From		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
		A - R624 N	0	38	3	0
		B - L3619	45	0	0	0
		C - R624 S	4	0	0	0
		D - Fota Island Resort	0	0	0	0

Heavy Vehicle Percentages

17:00 - 17:15		To				
	From		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
		A - R624 N	0	56	1	0
		B - L3619	30	0	0	0
		C - R624 S	8	0	0	0
		D - Fota Island Resort	0	0	0	0

Heavy Vehicle Percentages

17:15 - 17:30		To				
	From		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
		A - R624 N	0	43	2	0
		B - L3619	21	0	0	0
		C - R624 S	2	36	0	0
		D - Fota Island Resort	0	0	0	0

Heavy Vehicle Percentages

17:30 - 17:45		To				
	From		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
		A - R624 N	0	40	2	0
		B - L3619	41	0	0	0
		C - R624 S	4	0	0	0
		D - Fota Island Resort	0	0	0	0

Heavy Vehicle Percentages

17:45 - 18:00		To				
	From		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
		A - R624 N	0	5	1	0
		B - L3619	64	0	0	0
		C - R624 S	3	0	0	0
		D - Fota Island Resort	0	0	0	0

Heavy Vehicle Percentages

18:00 - 18:15		To				
	From		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
		A - R624 N	0	2	2	0
		B - L3619	65	0	0	0
		C - R624 S	3	0	0	16
		D - Fota Island Resort	0	0	0	0

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Heavy Vehicle Percentages

18:15 - 18:30		To				
	From		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
		A - R624 N	0	99	1	0
		B - L3619	89	0	0	0
		C - R624 S	1	0	0	0
		D - Fota Island Resort	8	0	0	0

Heavy Vehicle Percentages

18:30 - 18:45		To				
	From		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
		A - R624 N	0	2	2	0
		B - L3619	89	0	0	0
		C - R624 S	1	36	0	0
		D - Fota Island Resort	0	0	0	0

Heavy Vehicle Percentages

18:45 - 19:00		To				
	From		A - R624 N	B - L3619	C - R624 S	D - Fota Island Resort
		A - R624 N	0	3	1	0
		B - L3619	3	0	0	0
		C - R624 S	4	36	0	0
		D - Fota Island Resort	0	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-CD	0.14	18.31	0.2	C	4.64	222.95
B-AD	0.34	42.84	0.5	E	7.64	366.61
A-BCD	0.37	14.98	0.6	B	17.05	818.50
A-B					7.04	338.00
A-C					152.85	7336.64
D-AB	0.38	11.65	0.6	B	17.81	854.80
D-BC	0.17	38.36	0.2	E	3.26	156.47
C-ABD	0.07	11.84	0.1	B	2.60	124.90
C-D					4.11	197.50
C-A					158.57	7611.29

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-CD	3.05	3.05	118.83	0.026	3.02	0.0	0.0	7.769	A
B-AD	3.97	3.97	44.12	0.090	3.87	0.0	0.1	22.307	C
A-BCD	3.77	3.77	78.40	0.048	3.72	0.0	0.0	12.044	B
A-B	3.08	3.08			3.08				
A-C	80.01	80.01			80.01				
D-AB	5.99	5.99	110.66	0.054	5.94	0.0	0.1	8.590	A
D-BC	3.95	3.95	37.75	0.105	3.83	0.0	0.1	26.456	D
C-ABD	1.20	1.20	141.56	0.008	1.19	0.0	0.0	6.411	A
C-D	1.20	1.20			1.20				
C-A	233.29	233.29			233.29				

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-CD	2.40	2.40	138.36	0.017	2.41	0.0	0.0	6.619	A
B-AD	4.79	4.79	39.83	0.120	4.76	0.1	0.1	24.686	C
A-BCD	7.37	7.37	87.71	0.084	7.32	0.0	0.1	11.797	B
A-B	4.27	4.27			4.27				
A-C	88.05	88.05			88.05				
D-AB	3.60	3.60	117.85	0.031	3.62	0.1	0.0	7.881	A
D-BC	0.00	0.00	31.31	0.000	0.11	0.1	0.0	0.000	A
C-ABD	0.00	0.00	277.35	0.000	0.01	0.0	0.0	0.000	A
C-D	2.40	2.40			2.40				
C-A	250.58	250.58			250.58				

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-CD	3.77	3.77	101.05	0.037	3.76	0.0	0.0	8.267	A
B-AD	4.19	4.19	33.98	0.123	4.18	0.1	0.1	30.434	D
A-BCD	9.59	9.59	102.79	0.093	9.58	0.1	0.1	10.503	B
A-B	6.07	6.07			6.07				
A-C	96.12	96.12			96.12				
D-AB	22.95	22.95	110.56	0.208	22.73	0.0	0.3	10.125	B
D-BC	0.00	0.00	41.98	0.000	0.00	0.0	0.0	0.000	A
C-ABD	2.40	2.40	133.47	0.018	2.38	0.0	0.0	6.865	A
C-D	0.00	0.00			0.00				
C-A	248.88	248.88			248.88				

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-CD	1.37	1.37	68.75	0.020	1.39	0.0	0.0	10.282	B
B-AD	6.59	6.59	41.94	0.156	6.53	0.1	0.2	27.732	D
A-BCD	13.36	13.36	84.77	0.158	13.30	0.1	0.2	12.013	B
A-B	5.72	5.72			5.72				
A-C	91.47	91.47			91.47				
D-AB	9.06	9.06	93.47	0.097	9.20	0.3	0.1	11.191	B
D-BC	4.30	4.30	33.79	0.127	4.14	0.0	0.2	34.970	D
C-ABD	1.20	1.20	135.60	0.009	1.21	0.0	0.0	6.699	A
C-D	8.39	8.39			8.39				
C-A	282.27	282.27			282.27				

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-CD	1.96	1.96	77.90	0.025	1.94	0.0	0.0	16.760	C
B-AD	9.13	9.13	33.43	0.274	8.98	0.2	0.3	35.709	E
A-BCD	21.59	21.59	89.22	0.242	21.44	0.2	0.3	13.924	B
A-B	5.12	5.12			5.12				
A-C	110.64	110.64			110.64				
D-AB	21.76	21.76	96.96	0.224	21.59	0.1	0.3	11.654	B
D-BC	0.00	0.00	25.08	0.000	0.16	0.2	0.0	0.000	A
C-ABD	1.20	1.20	128.61	0.009	1.20	0.0	0.0	7.062	A
C-D	10.97	10.97			10.97				
C-A	286.92	286.92			286.92				

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-CD	3.60	3.60	117.67	0.031	3.60	0.0	0.0	7.891	A
B-AD	8.87	8.87	28.42	0.313	8.82	0.3	0.4	42.837	E
A-BCD	20.56	20.56	86.21	0.239	20.59	0.3	0.3	13.167	B
A-B	9.92	9.92			9.92				
A-C	135.15	135.15			135.15				
D-AB	9.59	9.59	104.51	0.092	9.76	0.3	0.1	9.960	A
D-BC	1.20	1.20	30.70	0.039	1.15	0.0	0.0	38.361	E
C-ABD	1.20	1.20	120.21	0.010	1.20	0.0	0.0	7.561	A
C-D	9.59	9.59			9.59				
C-A	286.05	286.05			286.05				

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-CD	8.39	8.39	139.07	0.060	8.36	0.0	0.1	6.883	A
B-AD	4.15	4.15	28.29	0.145	4.36	0.4	0.2	41.234	E
A-BCD	31.26	31.26	93.27	0.335	31.06	0.3	0.5	14.980	B
A-B	3.52	3.52			3.52				
A-C	133.34	133.34			133.34				
D-AB	16.79	16.79	100.85	0.166	16.70	0.1	0.2	10.685	B
D-BC	4.80	4.80	29.00	0.165	4.66	0.0	0.2	36.768	E
C-ABD	2.40	2.40	120.36	0.020	2.39	0.0	0.0	7.628	A
C-D	2.40	2.40			2.40				
C-A	279.73	279.73			279.73				

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-CD	6.17	6.17	106.93	0.058	6.18	0.1	0.1	7.961	A
B-AD	4.32	4.32	27.10	0.161	4.34	0.2	0.2	36.423	E
A-BCD	39.70	39.70	108.07	0.367	39.64	0.5	0.6	13.136	B
A-B	15.00	15.00			15.00				
A-C	132.49	132.49			132.49				
D-AB	14.39	14.39	124.27	0.116	14.45	0.2	0.1	8.199	A
D-BC	0.00	0.00	38.27	0.000	0.19	0.2	0.0	0.000	A
C-ABD	3.77	3.77	80.97	0.047	3.75	0.0	0.0	10.406	B
C-D	4.80	4.80			4.80				
C-A	222.33	222.33			222.33				

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-CD	1.20	1.20	121.59	0.010	1.24	0.1	0.0	8.807	A
B-AD	10.92	10.92	40.86	0.267	10.73	0.2	0.4	31.565	D
A-BCD	25.18	25.18	116.68	0.216	25.47	0.6	0.3	9.903	A
A-B	15.74	15.74			15.74				
A-C	114.45	114.45			114.45				
D-AB	16.79	16.79	131.84	0.127	16.77	0.1	0.1	7.820	A
D-BC	0.00	0.00	52.67	0.000	0.00	0.0	0.0	0.000	A
C-ABD	0.00	0.00	176.24	0.000	0.04	0.0	0.0	0.000	A
C-D	1.20	1.20			1.20				
C-A	197.15	197.15			197.15				

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-CD	2.40	2.40	123.82	0.019	2.39	0.0	0.0	7.411	A
B-AD	10.75	10.75	49.86	0.215	10.82	0.4	0.3	24.186	C
A-BCD	8.39	8.39	123.85	0.068	8.60	0.3	0.1	7.823	A
A-B	5.62	5.62			5.62				
A-C	124.22	124.22			124.22				
D-AB	9.59	9.59	141.87	0.068	9.66	0.1	0.1	6.813	A
D-BC	0.00	0.00	64.44	0.000	0.00	0.0	0.0	0.000	A
C-ABD	4.80	4.80	127.00	0.038	4.75	0.0	0.0	8.593	A
C-D	1.20	1.20			1.20				
C-A	161.18	161.18			161.18				

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-CD	4.80	4.80	126.09	0.038	4.78	0.0	0.0	7.418	A
B-AD	7.71	7.71	47.33	0.163	7.82	0.3	0.2	21.658	C
A-BCD	12.16	12.16	115.09	0.106	12.13	0.1	0.1	8.341	A
A-B	11.02	11.02			11.02				
A-C	110.88	110.88			110.88				
D-AB	10.97	10.97	126.16	0.087	10.95	0.1	0.1	7.375	A
D-BC	4.80	4.80	68.45	0.070	4.72	0.0	0.1	14.108	B
C-ABD	1.20	1.20	124.15	0.010	1.23	0.0	0.0	7.325	A
C-D	7.19	7.19			7.19				
C-A	137.90	137.90			137.90				

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-CD	0.00	0.00	131.45	0.000	0.04	0.0	0.0	0.000	A
B-AD	4.96	4.96	54.68	0.090	5.04	0.2	0.1	19.668	C
A-BCD	19.18	19.18	132.10	0.145	19.12	0.1	0.2	8.365	A
A-B	8.62	8.62			8.62				
A-C	113.93	113.93			113.93				
D-AB	15.59	15.59	146.82	0.106	15.55	0.1	0.1	7.247	A
D-BC	3.77	3.77	53.65	0.071	3.78	0.1	0.1	15.265	C
C-ABD	3.60	3.60	125.38	0.029	3.58	0.0	0.0	7.389	A
C-D	2.40	2.40			2.40				
C-A	126.59	126.59			126.59				

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-CD	3.60	3.60	123.18	0.029	3.57	0.0	0.0	7.522	A
B-AD	11.40	11.40	48.16	0.237	11.23	0.1	0.3	23.146	C
A-BCD	11.99	11.99	131.03	0.092	12.06	0.2	0.1	7.571	A
A-B	11.31	11.31			11.31				
A-C	124.89	124.89			124.89				
D-AB	9.77	9.77	130.59	0.075	9.82	0.1	0.1	6.860	A
D-BC	1.20	1.20	67.86	0.017	1.24	0.1	0.0	17.014	C
C-ABD	2.40	2.40	124.38	0.019	2.41	0.0	0.0	7.380	A
C-D	3.60	3.60			3.60				
C-A	130.36	130.36			130.36				

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-CD	3.60	3.60	127.44	0.028	3.60	0.0	0.0	7.266	A
B-AD	12.43	12.43	52.21	0.237	12.39	0.3	0.3	24.086	C
A-BCD	11.99	11.99	123.74	0.097	11.98	0.1	0.1	8.053	A
A-B	5.99	5.99			5.99				
A-C	113.58	113.58			113.58				
D-AB	19.80	19.80	136.13	0.145	19.70	0.1	0.2	8.141	A
D-BC	2.98	2.98	65.34	0.046	2.95	0.0	0.0	14.426	B
C-ABD	1.20	1.20	130.54	0.009	1.21	0.0	0.0	6.958	A
C-D	7.19	7.19			7.19				
C-A	148.37	148.37			148.37				

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-CD	2.40	2.40	127.31	0.019	2.41	0.0	0.0	7.207	A
B-AD	16.32	16.32	59.07	0.276	16.27	0.3	0.4	21.220	C
A-BCD	12.16	12.16	121.35	0.100	12.17	0.1	0.1	7.793	A
A-B	5.02	5.02			5.02				
A-C	108.61	108.61			108.61				
D-AB	13.19	13.19	152.77	0.086	13.27	0.2	0.1	6.454	A
D-BC	3.60	3.60	75.80	0.047	3.59	0.0	0.0	12.463	B
C-ABD	6.17	6.17	107.78	0.057	6.12	0.0	0.1	8.575	A
C-D	1.20	1.20			1.20				
C-A	111.00	111.00			111.00				

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-CD	9.59	9.59	133.66	0.072	9.53	0.0	0.1	7.247	A
B-AD	7.40	7.40	52.05	0.142	7.61	0.4	0.2	20.246	C
A-BCD	11.99	11.99	130.34	0.092	11.99	0.1	0.1	8.074	A
A-B	8.12	8.12			8.12				
A-C	129.34	129.34			129.34				
D-AB	13.19	13.19	146.54	0.090	13.19	0.1	0.1	6.748	A
D-BC	3.60	3.60	68.71	0.052	3.59	0.0	0.1	13.821	B
C-ABD	3.60	3.60	123.94	0.029	3.62	0.1	0.0	8.540	A
C-D	3.60	3.60			3.60				
C-A	133.61	133.61			133.61				

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-CD	1.94	1.94	90.18	0.022	2.00	0.1	0.0	10.213	B
B-AD	11.55	11.55	48.12	0.240	11.42	0.2	0.3	24.071	C
A-BCD	19.18	19.18	133.57	0.144	19.12	0.1	0.2	7.860	A
A-B	11.30	11.30			11.30				
A-C	143.23	143.23			143.23				
D-AB	11.42	11.42	140.15	0.082	11.43	0.1	0.1	6.994	A
D-BC	4.16	4.16	68.22	0.061	4.15	0.1	0.1	14.047	B
C-ABD	3.60	3.60	116.99	0.031	3.60	0.0	0.0	7.938	A
C-D	0.00	0.00			0.00				
C-A	121.97	121.97			121.97				

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-CD	2.40	2.40	127.01	0.019	2.40	0.0	0.0	7.221	A
B-AD	3.55	3.55	38.25	0.094	3.76	0.3	0.1	22.009	C
A-BCD	4.80	4.80	119.50	0.040	4.92	0.2	0.0	7.862	A
A-B	11.82	11.82			11.82				
A-C	130.36	130.36			130.36				
D-AB	12.16	12.16	118.58	0.103	12.15	0.1	0.1	8.001	A
D-BC	4.80	4.80	63.48	0.076	4.78	0.1	0.1	15.328	C
C-ABD	1.20	1.20	125.75	0.010	1.22	0.0	0.0	7.230	A
C-D	3.60	3.60			3.60				
C-A	167.73	167.73			167.73				

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-CD	8.39	8.39	126.26	0.066	8.34	0.0	0.1	7.628	A
B-AD	12.16	12.16	56.71	0.214	11.96	0.1	0.3	21.700	C
A-BCD	17.98	17.98	140.82	0.128	17.88	0.0	0.1	7.314	A
A-B	11.82	11.82			11.82				
A-C	121.97	121.97			121.97				
D-AB	13.19	13.19	155.01	0.085	13.20	0.1	0.1	6.717	A
D-BC	4.80	4.80	77.03	0.062	4.81	0.1	0.1	12.465	B
C-ABD	1.20	1.20	123.22	0.010	1.20	0.0	0.0	7.374	A
C-D	0.00	0.00			0.00				
C-A	98.84	98.84			98.84				

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-CD	1.20	1.20	131.25	0.009	1.26	0.1	0.0	6.928	A
B-AD	4.62	4.62	49.21	0.094	4.81	0.3	0.1	18.544	C
A-BCD	17.98	17.98	136.03	0.132	17.98	0.1	0.2	7.623	A
A-B	4.95	4.95			4.95				
A-C	122.82	122.82			122.82				
D-AB	17.98	17.98	154.05	0.117	17.95	0.1	0.1	6.611	A
D-BC	3.60	3.60	74.93	0.048	3.61	0.1	0.1	12.624	B
C-ABD	4.80	4.80	127.04	0.038	4.77	0.0	0.0	7.358	A
C-D	3.60	3.60			3.60				
C-A	105.36	105.36			105.36				

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-CD	5.99	5.99	127.43	0.047	5.96	0.0	0.0	7.407	A
B-AD	7.19	7.19	44.62	0.161	7.10	0.1	0.2	24.298	C
A-BCD	18.16	18.16	120.90	0.150	18.14	0.2	0.2	8.404	A
A-B	10.94	10.94			10.94				
A-C	124.89	124.89			124.89				
D-AB	23.98	23.98	142.83	0.168	23.91	0.1	0.2	7.565	A
D-BC	5.99	5.99	65.71	0.091	5.95	0.1	0.1	15.046	C
C-ABD	0.00	0.00	243.82	0.000	0.04	0.0	0.0	0.000	A
C-D	1.20	1.20			1.20				
C-A	143.20	143.20			143.20				

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-CD	5.99	5.99	119.94	0.050	5.99	0.0	0.1	7.898	A
B-AD	8.56	8.56	35.65	0.240	8.46	0.2	0.3	32.320	D
A-BCD	19.18	19.18	126.43	0.152	19.17	0.2	0.2	8.749	A
A-B	8.37	8.37			8.37				
A-C	145.77	145.77			145.77				
D-AB	52.93	52.93	137.81	0.384	52.52	0.2	0.6	10.372	B
D-BC	2.40	2.40	56.82	0.042	2.45	0.1	0.0	16.568	C
C-ABD	0.00	0.00	234.42	0.000	0.00	0.0	0.0	0.000	A
C-D	1.20	1.20			1.20				
C-A	149.05	149.05			149.05				

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-CD	1.20	1.20	122.92	0.010	1.24	0.1	0.0	7.400	A
B-AD	13.67	13.67	49.76	0.274	13.58	0.3	0.4	26.023	D
A-BCD	13.36	13.36	115.90	0.115	13.42	0.2	0.1	8.256	A
A-B	3.77	3.77			3.77				
A-C	122.49	122.49			122.49				
D-AB	14.39	14.39	146.86	0.098	14.88	0.6	0.1	6.993	A
D-BC	2.40	2.40	66.59	0.036	2.40	0.0	0.0	14.024	B
C-ABD	7.37	7.37	106.65	0.069	7.30	0.0	0.1	8.454	A
C-D	3.77	3.77			3.77				
C-A	130.71	130.71			130.71				

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-CD	1.20	1.20	127.32	0.009	1.20	0.0	0.0	7.138	A
B-AD	3.55	3.55	37.97	0.095	3.84	0.4	0.1	22.403	C
A-BCD	17.98	17.98	126.15	0.142	17.94	0.1	0.2	8.734	A
A-B	9.77	9.77			9.77				
A-C	130.71	130.71			130.71				
D-AB	18.16	18.16	132.92	0.137	18.12	0.1	0.2	7.561	A
D-BC	2.40	2.40	63.97	0.037	2.40	0.0	0.0	14.614	B
C-ABD	3.60	3.60	121.82	0.029	3.63	0.1	0.0	8.573	A
C-D	2.40	2.40			2.40				
C-A	150.57	150.57			150.57				

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-CD	4.33	4.33	106.94	0.041	4.30	0.0	0.0	8.765	A
B-AD	13.09	13.09	55.56	0.235	12.85	0.1	0.3	23.169	C
A-BCD	22.96	22.96	129.00	0.178	22.92	0.2	0.2	8.231	A
A-B	6.47	6.47			6.47				
A-C	139.95	139.95			139.95				
D-AB	14.39	14.39	153.31	0.094	14.43	0.2	0.1	6.782	A
D-BC	3.60	3.60	69.27	0.052	3.58	0.0	0.1	13.697	B
C-ABD	2.40	2.40	119.15	0.020	2.41	0.0	0.0	7.711	A
C-D	3.77	3.77			3.77				
C-A	107.41	107.41			107.41				

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-CD	8.57	8.57	119.35	0.072	8.54	0.0	0.1	7.721	A
B-AD	5.08	5.08	43.64	0.117	5.28	0.3	0.1	22.638	C
A-BCD	28.78	28.78	123.57	0.233	28.68	0.2	0.3	9.799	A
A-B	9.89	9.89			9.89				
A-C	142.17	142.17			142.17				
D-AB	9.59	9.59	127.40	0.075	9.62	0.1	0.1	7.641	A
D-BC	9.59	9.59	60.72	0.158	9.46	0.1	0.2	17.516	C
C-ABD	0.00	0.00	233.71	0.000	0.02	0.0	0.0	0.000	A
C-D	3.77	3.77			3.77				
C-A	163.76	163.76			163.76				

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-CD	3.11	3.11	102.47	0.030	3.14	0.1	0.0	10.131	B
B-AD	7.64	7.64	41.02	0.187	7.56	0.1	0.2	24.953	C
A-BCD	24.16	24.16	120.63	0.200	24.22	0.3	0.2	9.008	A
A-B	6.77	6.77			6.77				
A-C	136.18	136.18			136.18				
D-AB	18.16	18.16	133.99	0.136	18.09	0.1	0.2	7.547	A
D-BC	1.20	1.20	60.94	0.020	1.36	0.2	0.0	15.146	C
C-ABD	2.40	2.40	119.81	0.020	2.38	0.0	0.0	7.664	A
C-D	1.20	1.20			1.20				
C-A	146.12	146.12			146.12				

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-CD	0.00	0.00	99.03	0.000	0.04	0.0	0.0	0.000	A
B-AD	16.74	16.74	53.57	0.311	16.45	0.2	0.5	27.277	D
A-BCD	20.38	20.38	128.58	0.158	20.43	0.2	0.2	8.625	A
A-B	5.75	5.75			5.75				
A-C	131.91	131.91			131.91				
D-AB	21.76	21.76	137.55	0.158	21.72	0.2	0.2	7.816	A
D-BC	1.20	1.20	63.51	0.019	1.20	0.0	0.0	14.445	B
C-ABD	2.57	2.57	79.48	0.032	2.57	0.0	0.0	9.710	A
C-D	1.20	1.20			1.20				
C-A	134.66	134.66			134.66				

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-CD	2.40	2.40	113.07	0.021	2.38	0.0	0.0	8.130	A
B-AD	12.76	12.76	47.68	0.268	12.89	0.5	0.4	24.947	C
A-BCD	8.39	8.39	126.08	0.067	8.52	0.2	0.1	7.665	A
A-B	4.52	4.52			4.52				
A-C	165.66	165.66			165.66				
D-AB	13.36	13.36	129.35	0.103	13.44	0.2	0.1	7.579	A
D-BC	2.40	2.40	60.55	0.040	2.38	0.0	0.0	15.464	C
C-ABD	2.40	2.40	117.07	0.020	2.40	0.0	0.0	10.013	B
C-D	4.80	4.80			4.80				
C-A	150.57	150.57			150.57				

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-CD	0.00	0.00	117.59	0.000	0.02	0.0	0.0	0.000	A
B-AD	7.96	7.96	43.20	0.186	8.12	0.4	0.2	23.078	C
A-BCD	11.99	11.99	132.34	0.091	11.96	0.1	0.1	7.474	A
A-B	14.11	14.11			14.11				
A-C	157.09	157.09			157.09				
D-AB	15.76	15.76	135.87	0.116	15.74	0.1	0.1	7.547	A
D-BC	4.80	4.80	68.38	0.070	4.76	0.0	0.1	14.139	B
C-ABD	2.40	2.40	116.65	0.021	2.40	0.0	0.0	7.879	A
C-D	5.99	5.99			5.99				
C-A	119.92	119.92			119.92				

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-CD	3.77	3.77	90.38	0.042	3.73	0.0	0.0	9.260	A
B-AD	10.83	10.83	48.24	0.224	10.73	0.2	0.3	26.156	D
A-BCD	13.19	13.19	120.83	0.109	13.17	0.1	0.1	8.357	A
A-B	2.93	2.93			2.93				
A-C	138.23	138.23			138.23				
D-AB	25.18	25.18	135.97	0.185	25.07	0.1	0.2	8.440	A
D-BC	3.77	3.77	43.47	0.087	3.77	0.1	0.1	19.118	C
C-ABD	5.99	5.99	125.70	0.048	5.97	0.0	0.0	7.514	A
C-D	3.60	3.60			3.60				
C-A	161.04	161.04			161.04				

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-CD	7.91	7.91	116.55	0.068	7.86	0.0	0.1	9.312	A
B-AD	7.72	7.72	41.00	0.189	7.80	0.3	0.2	25.266	D
A-BCD	28.78	28.78	117.13	0.246	28.58	0.1	0.3	10.143	B
A-B	5.68	5.68			5.68				
A-C	136.17	136.17			136.17				
D-AB	13.19	13.19	128.70	0.102	13.31	0.2	0.1	7.808	A
D-BC	4.80	4.80	51.10	0.093	4.76	0.1	0.1	22.737	C
C-ABD	0.00	0.00	237.36	0.000	0.05	0.0	0.0	0.000	A
C-D	7.19	7.19			7.19				
C-A	182.44	182.44			182.44				

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-CD	4.40	4.40	92.03	0.048	4.43	0.1	0.1	10.279	B
B-AD	13.12	13.12	38.83	0.338	12.86	0.2	0.5	34.246	D
A-BCD	13.19	13.19	119.99	0.110	13.38	0.3	0.1	8.457	A
A-B	7.85	7.85			7.85				
A-C	166.50	166.50			166.50				
D-AB	14.39	14.39	132.98	0.108	14.38	0.1	0.1	7.588	A
D-BC	4.80	4.80	53.85	0.089	4.81	0.1	0.1	18.362	C
C-ABD	3.60	3.60	115.46	0.031	3.56	0.0	0.0	8.042	A
C-D	3.60	3.60			3.60				
C-A	169.25	169.25			169.25				

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-CD	7.19	7.19	116.16	0.062	7.18	0.1	0.1	8.257	A
B-AD	6.38	6.38	34.38	0.187	6.64	0.5	0.2	30.162	D
A-BCD	16.79	16.79	124.72	0.135	16.76	0.1	0.2	8.335	A
A-B	6.65	6.65			6.65				
A-C	177.12	177.12			177.12				
D-AB	14.39	14.39	137.37	0.105	14.39	0.1	0.1	7.317	A
D-BC	5.99	5.99	56.80	0.106	5.98	0.1	0.1	17.700	C
C-ABD	4.80	4.80	112.28	0.043	4.78	0.0	0.0	8.371	A
C-D	3.60	3.60			3.60				
C-A	145.62	145.62			145.62				

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-CD	6.70	6.70	103.17	0.065	6.70	0.1	0.1	9.328	A
B-AD	7.13	7.13	40.32	0.176	7.11	0.2	0.2	30.973	D
A-BCD	22.78	22.78	129.68	0.176	22.72	0.2	0.2	8.410	A
A-B	8.97	8.97			8.97				
A-C	195.10	195.10			195.10				
D-AB	15.59	15.59	144.17	0.108	15.58	0.1	0.1	6.998	A
D-BC	4.80	4.80	56.50	0.085	4.82	0.1	0.1	17.422	C
C-ABD	3.60	3.60	105.18	0.034	3.61	0.0	0.0	8.862	A
C-D	4.80	4.80			4.80				
C-A	137.03	137.03			137.03				

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-CD	14.74	14.74	107.48	0.137	14.66	0.1	0.1	9.149	A
B-AD	4.24	4.24	30.77	0.139	4.33	0.2	0.1	30.459	D
A-BCD	9.59	9.59	121.33	0.079	9.72	0.2	0.1	8.071	A
A-B	2.62	2.62			2.62				
A-C	187.91	187.91			187.91				
D-AB	22.18	22.18	134.91	0.164	22.11	0.1	0.2	7.974	A
D-BC	0.60	0.60	54.75	0.011	0.68	0.1	0.0	16.671	C
C-ABD	3.77	3.77	83.63	0.045	3.77	0.0	0.0	9.766	A
C-D	3.60	3.60			3.60				
C-A	158.81	158.81			158.81				

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-CD	4.80	4.80	110.80	0.043	4.89	0.1	0.1	9.709	A
B-AD	4.36	4.36	32.97	0.132	4.36	0.1	0.1	31.392	D
A-BCD	13.19	13.19	129.38	0.102	13.16	0.1	0.1	7.742	A
A-B	9.29	9.29			9.29				
A-C	211.36	211.36			211.36				
D-AB	20.38	20.38	147.04	0.139	20.41	0.2	0.2	7.108	A
D-BC	2.40	2.40	57.82	0.041	2.37	0.0	0.0	16.220	C
C-ABD	3.60	3.60	104.11	0.034	3.60	0.0	0.0	10.649	B
C-D	7.19	7.19			7.19				
C-A	135.83	135.83			135.83				

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-CD	7.19	7.19	117.02	0.061	7.18	0.1	0.1	8.192	A
B-AD	3.04	3.04	30.96	0.098	3.07	0.1	0.1	34.301	D
A-BCD	7.19	7.19	123.53	0.058	7.24	0.1	0.1	7.742	A
A-B	2.42	2.42			2.42				
A-C	225.08	225.08			225.08				
D-AB	18.61	18.61	133.95	0.139	18.61	0.2	0.2	7.803	A
D-BC	2.97	2.97	52.12	0.057	2.95	0.0	0.1	18.298	C
C-ABD	2.40	2.40	105.63	0.023	2.42	0.0	0.0	8.721	A
C-D	8.39	8.39			8.39				
C-A	154.52	154.52			154.52				

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-CD	1.40	1.40	50.62	0.028	1.44	0.1	0.0	18.309	C
B-AD	6.73	6.73	37.04	0.181	6.62	0.1	0.2	31.548	D
A-BCD	15.59	15.59	133.66	0.117	15.52	0.1	0.1	7.615	A
A-B	5.84	5.84			5.84				
A-C	230.90	230.90			230.90				
D-AB	44.36	44.36	147.24	0.301	44.10	0.2	0.4	8.706	A
D-BC	7.19	7.19	56.43	0.127	7.11	0.1	0.1	18.217	C
C-ABD	3.60	3.60	100.79	0.036	3.58	0.0	0.0	9.257	A
C-D	2.40	2.40			2.40				
C-A	120.59	120.59			120.59				

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-CD	9.59	9.59	103.21	0.093	9.52	0.0	0.1	9.600	A
B-AD	7.10	7.10	31.23	0.228	7.07	0.2	0.3	34.532	D
A-BCD	22.78	22.78	131.17	0.174	22.70	0.1	0.2	8.292	A
A-B	6.02	6.02			6.02				
A-C	246.66	246.66			246.66				
D-AB	17.98	17.98	150.31	0.120	18.27	0.4	0.1	6.832	A
D-BC	1.20	1.20	49.79	0.024	1.32	0.1	0.0	18.606	C
C-ABD	4.80	4.80	93.63	0.051	4.78	0.0	0.1	10.129	B
C-D	8.39	8.39			8.39				
C-A	122.99	122.99			122.99				

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-CD	11.55	11.55	100.17	0.115	11.52	0.1	0.1	10.149	B
B-AD	9.34	9.34	35.10	0.265	9.24	0.3	0.4	37.107	E
A-BCD	16.79	16.79	126.02	0.133	16.84	0.2	0.2	8.246	A
A-B	8.24	8.24			8.24				
A-C	230.37	230.37			230.37				
D-AB	27.58	27.58	139.42	0.198	27.47	0.1	0.2	8.032	A
D-BC	5.99	5.99	48.85	0.123	5.88	0.0	0.1	20.895	C
C-ABD	2.40	2.40	99.97	0.024	2.43	0.1	0.0	9.228	A
C-D	7.19	7.19			7.19				
C-A	142.88	142.88			142.88				

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-CD	4.80	4.80	102.87	0.047	4.88	0.1	0.0	9.191	A
B-AD	6.28	6.28	41.70	0.150	6.46	0.4	0.2	26.727	D
A-BCD	17.98	17.98	134.47	0.134	17.98	0.2	0.2	7.726	A
A-B	4.30	4.30			4.30				
A-C	242.71	242.71			242.71				
D-AB	16.79	16.79	151.77	0.111	16.90	0.2	0.1	6.680	A
D-BC	3.60	3.60	56.27	0.064	3.66	0.1	0.1	17.130	C
C-ABD	3.77	3.77	71.59	0.053	3.75	0.0	0.0	11.839	B
C-D	4.80	4.80			4.80				
C-A	115.45	115.45			115.45				

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-CD	11.50	11.50	108.47	0.106	11.43	0.0	0.1	9.268	A
B-AD	7.21	7.21	38.29	0.189	7.19	0.2	0.2	26.948	D
A-BCD	20.38	20.38	129.46	0.157	20.35	0.2	0.2	8.247	A
A-B	4.03	4.03			4.03				
A-C	211.54	211.54			211.54				
D-AB	21.58	21.58	145.43	0.148	21.53	0.1	0.2	7.264	A
D-BC	2.40	2.40	52.82	0.045	2.42	0.1	0.0	17.862	C
C-ABD	1.20	1.20	102.97	0.011	1.23	0.0	0.0	11.171	B
C-D	3.60	3.60			3.60				
C-A	139.78	139.78			139.78				

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-CD	5.99	5.99	111.86	0.054	6.05	0.1	0.1	8.510	A
B-AD	4.32	4.32	30.35	0.144	4.38	0.2	0.2	31.081	D
A-BCD	26.38	26.38	128.86	0.205	26.31	0.2	0.3	8.770	A
A-B	5.05	5.05			5.05				
A-C	225.57	225.57			225.57				
D-AB	21.58	21.58	145.03	0.149	21.58	0.2	0.2	7.289	A
D-BC	3.60	3.60	51.11	0.070	3.57	0.0	0.1	18.923	C
C-ABD	2.40	2.40	99.64	0.024	2.39	0.0	0.0	9.254	A
C-D	8.39	8.39			8.39				
C-A	137.20	137.20			137.20				

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-CD	4.95	4.95	87.32	0.057	4.95	0.1	0.1	10.926	B
B-AD	4.80	4.80	33.09	0.145	4.78	0.2	0.2	33.259	D
A-BCD	17.98	17.98	132.26	0.136	18.08	0.3	0.2	7.888	A
A-B	4.88	4.88			4.88				
A-C	225.92	225.92			225.92				
D-AB	36.05	36.05	141.34	0.255	35.88	0.2	0.3	8.534	A
D-BC	4.72	4.72	56.14	0.084	4.70	0.1	0.1	17.492	C
C-ABD	0.00	0.00	203.78	0.000	0.02	0.0	0.0	0.000	A
C-D	8.57	8.57			8.57				
C-A	125.21	125.21			125.21				

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-CD	3.02	3.02	99.45	0.030	3.05	0.1	0.0	9.338	A
B-AD	1.76	1.76	36.17	0.049	1.88	0.2	0.1	25.281	D
A-BCD	21.58	21.58	137.15	0.157	21.56	0.2	0.2	7.784	A
A-B	1.46	1.46			1.46				
A-C	218.38	218.38			218.38				
D-AB	18.79	18.79	137.55	0.137	18.98	0.3	0.2	7.218	A
D-BC	4.16	4.16	62.10	0.067	4.18	0.1	0.1	15.543	C
C-ABD	1.20	1.20	103.70	0.012	1.19	0.0	0.0	8.778	A
C-D	4.80	4.80			4.80				
C-A	111.68	111.68			111.68				

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-CD	6.60	6.60	119.51	0.055	6.57	0.0	0.1	7.967	A
B-AD	0.74	0.74	48.09	0.015	0.77	0.1	0.0	23.407	C
A-BCD	15.59	15.59	132.49	0.118	15.64	0.2	0.1	7.705	A
A-B	4.88	4.88			4.88				
A-C	197.15	197.15			197.15				
D-AB	15.59	15.59	150.25	0.104	15.62	0.2	0.1	6.982	A
D-BC	2.40	2.40	61.51	0.039	2.43	0.1	0.0	15.241	C
C-ABD	3.77	3.77	80.58	0.047	3.74	0.0	0.0	10.928	B
C-D	2.40	2.40			2.40				
C-A	127.26	127.26			127.26				

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-CD	1.84	1.84	103.62	0.018	1.88	0.1	0.0	8.850	A
B-AD	5.50	5.50	77.98	0.071	5.45	0.0	0.1	12.618	B
A-BCD	13.19	13.19	139.41	0.095	13.22	0.1	0.1	7.135	A
A-B	2.48	2.48			2.48				
A-C	147.64	147.64			147.64				
D-AB	20.38	20.38	157.64	0.129	20.36	0.1	0.1	6.556	A
D-BC	3.60	3.60	76.14	0.047	3.59	0.0	0.0	12.403	B
C-ABD	3.77	3.77	91.02	0.041	3.77	0.0	0.0	10.317	B
C-D	1.20	1.20			1.20				
C-A	97.64	97.64			97.64				

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Junctions 9
PICADY 9 - Priority Intersection Module
Version: 9.5.0.6896 © Copyright TRL Limited, 2018
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Filename: Site 07.j9
Path: P:\Traffic Files\P25-070\Modelling\Site 07
Report generation date: 20/09/2025 09:29:58

»2027,
 »2032,
 »2042,
 »2027+Adj+Dev,
 »2032+Adj+Dev ,
 »2042+Adj+Dev ,

Summary of junction performance

	Queue (Veh)	Delay (s)	RFC	LOS
2027				
Stream B-C	0.1	10.68	0.09	B
Stream B-A	0.0	7.58	0.01	A
Stream C-AB	0.2	12.50	0.16	B
2032				
Stream B-C	0.1	10.79	0.10	B
Stream B-A	0.0	7.61	0.01	A
Stream C-AB	0.2	12.62	0.18	B
2042				
Stream B-C	0.1	11.00	0.12	B
Stream B-A	0.0	7.67	0.01	A
Stream C-AB	0.3	12.94	0.21	B
2027+Adj+Dev				
Stream B-C	0.1	10.79	0.12	B
Stream B-A	0.0	7.70	0.01	A
Stream C-AB	0.2	12.96	0.20	B
2032+Adj+Dev				
Stream B-C	0.2	10.92	0.13	B
Stream B-A	0.0	7.73	0.01	A
Stream C-AB	0.3	13.18	0.21	B
2042+Adj+Dev				
Stream B-C	0.2	11.15	0.15	B
Stream B-A	0.0	7.79	0.01	A
Stream C-AB	0.3	13.58	0.24	B

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

File summary

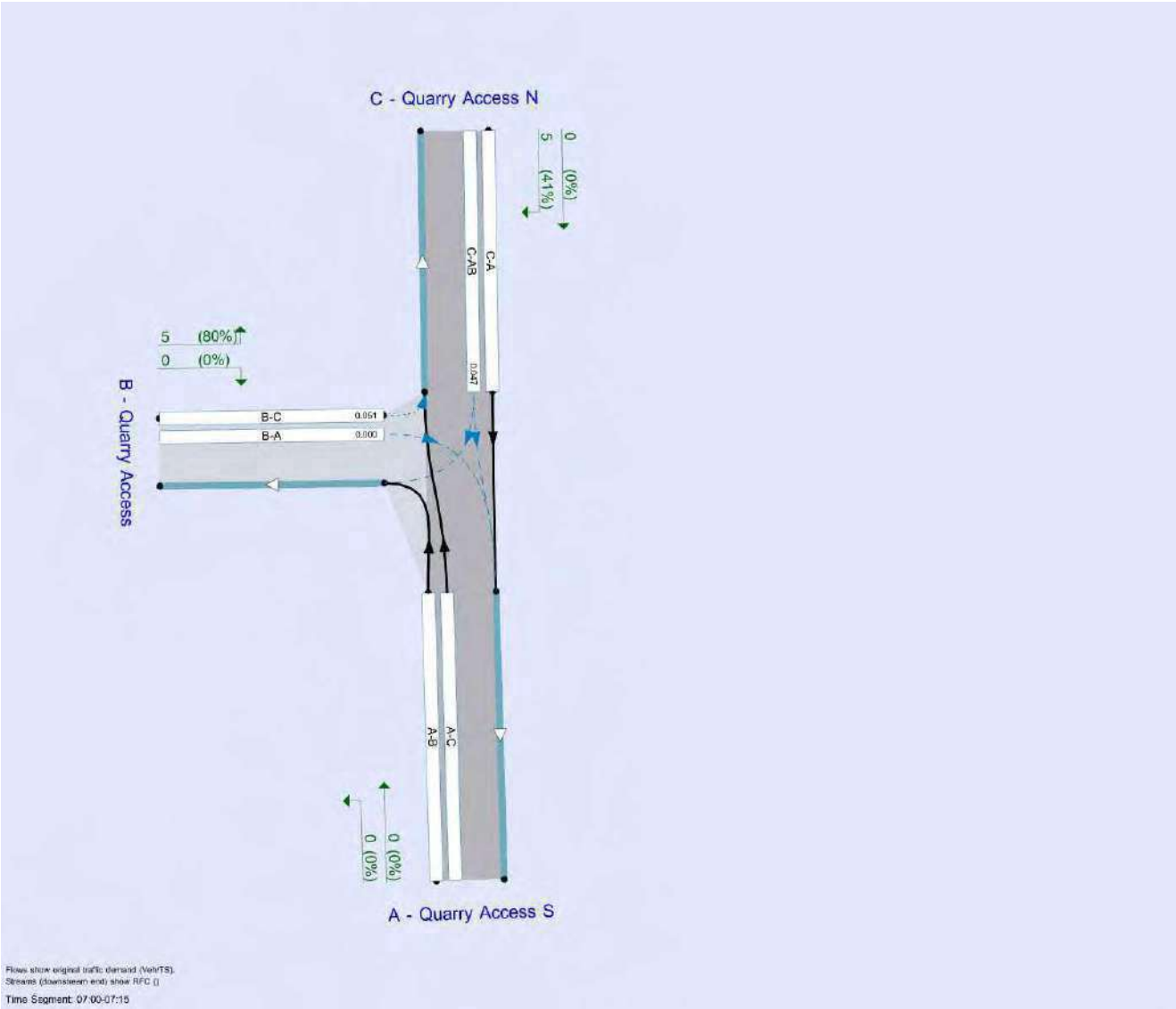
File Description

Title	
Location	
Site number	
Date	20/09/2025
Version	
Status	(new file)
Identifier	
Client	
Jobnumber	
Enumerator	Antonios Papadakis
Description	

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Units

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



The junction diagram reflects the last run of Junctions.

Analysis Options

Vehicle length (m)	Calculate Queue Percentiles	Calculate detailed queueing delay	Calculate residual capacity	RFC Threshold	Average Delay threshold (s)	Queue threshold (PCU)
5.75				0.85	36.00	20.00

Demand Set Summary

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
D1	2027	DIRECT	07:00	19:00	720	15	✓		
D2	2032	DIRECT	07:00	19:00	720	15	✓		
D3	2042	DIRECT	07:00	19:00	720	15	✓		
D4	Dev	DIRECT	07:00	19:00	720	15			
D5	Adj	DIRECT	07:00	19:00	720	15			
D6	2027+Adj+Dev	DIRECT	07:00	19:00	720	15	✓	Simple	D1+D4+D5
D7	2032+Adj+Dev	DIRECT	07:00	19:00	720	15	✓	Simple	D2+D4+D5
D8	2042+Adj+Dev	DIRECT	07:00	19:00	720	15	✓	Simple	D3+D4+D5

Analysis Set Details

ID	Include in report	Network flow scaling factor (%)	Network capacity scaling factor (%)
A1	✓	100.000	100.000

2027,

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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		9.12	A

Junction Network Options

Driving side	Lighting
Left	Normal/unknown

Arms

Arms

Arm	Name	Description	Arm type
A	Quarry Access S		Major
B	Quarry Access		Minor
C	Quarry Access N		Major

Major Arm Geometry

Arm	Width of carriageway (m)	Has kerbed central reserve	Has right turn bay	Visibility for right turn (m)	Blocks?	Blocking queue (PCU)
C - Quarry Access N	8.00			80.0	✓	0.00

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

Minor Arm Geometry

Arm	Minor arm type	Width at give-way (m)	Width at 5m (m)	Width at 10m (m)	Width at 15m (m)	Width at 20m (m)	Estimate flare length	Flare length (PCU)	Visibility to left (m)	Visibility to right (m)
B - Quarry Access	One lane plus flare	10.00	8.00	6.00	4.00	4.00		1.00	24	24

Slope / Intercept / Capacity

Priority Intersection Slopes and Intercepts

Junction	Stream	Intercept (Veh/TS)	Slope for A-B	Slope for A-C	Slope for C-A	Slope for C-B
1	B-A	124.292	0.083	0.209	0.131	0.299
1	B-C	185.353	0.104	0.262	-	-
1	C-B	155.073	0.219	0.219	-	-

The slopes and intercepts shown above do NOT include any corrections or adjustments.

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

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

Traffic Demand

Demand Set Details

ID	Scenario name	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time period length (min)	Time segment length (min)	Run automatically
D1	2027	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

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Origin-Destination Data

Demand (Veh/TS)

07:00 - 07:15	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	5.27
		C - Quarry Access N	0.00	5.22
				0.00

Demand (Veh/TS)

07:15 - 07:30	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	4.24
		C - Quarry Access N	0.00	8.43
				0.00

Demand (Veh/TS)

07:30 - 07:45	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	7.42
		C - Quarry Access N	0.00	9.54
				0.00

Demand (Veh/TS)

07:45 - 08:00	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	5.30
		C - Quarry Access N	5.17	7.39
				0.00

Demand (Veh/TS)

08:00 - 08:15	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	8.48
		C - Quarry Access N	1.03	3.18
				0.00

Demand (Veh/TS)

08:15 - 08:30	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
	From	A - Quarry Access S	0.00	1.03
		B - Quarry Access	0.00	7.42
		C - Quarry Access N	0.00	5.30
				0.00

Demand (Veh/TS)

08:30 - 08:45	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	5.27
		C - Quarry Access N	0.00	3.15
				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	5.25
		C - Quarry Access N	3.13	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	2.07
		B - Quarry Access	0.00	5.27
		C - Quarry Access N	1.03	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	1.06
		B - Quarry Access	0.00	4.24
		C - Quarry Access N	1.06	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	3.13
		B - Quarry Access	0.00	7.42
		C - Quarry Access N	2.07	0.00

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	1.03
		B - Quarry Access	0.00	5.25
		C - Quarry Access N	3.10	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	8.45
		C - Quarry Access N	2.09	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	3.13
		B - Quarry Access	0.00	6.36
		C - Quarry Access N	2.07	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	2.07
		B - Quarry Access	1.03	7.32
		C - Quarry Access N	3.10	0.00

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Demand (Veh/TS)

10:45 - 11:00

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
From	A - Quarry Access S	0.00	0.00	6.20
	B - Quarry Access	0.00	0.00	4.24
	C - Quarry Access N	5.20	4.19	0.00

Demand (Veh/TS)

11:00 - 11:15

	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	6.31
	C - Quarry Access N	5.20	12.69	0.00

Demand (Veh/TS)

11:15 - 11:30

	To			
		A - Quarry Access S	B - Quarry Access	C - Quarry Access N
From	A - Quarry Access S	0.00	0.00	4.16
	B - Quarry Access	0.00	0.00	8.48
	C - Quarry Access N	2.07	5.22	0.00

Demand (Veh/TS)

11:30 - 11:45

	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	6.33
	C - Quarry Access N	4.14	5.25	0.00

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	2.09
	B - Quarry Access	0.00	0.00	5.22
	C - Quarry Access N	2.07	4.21	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	6.36
	C - Quarry Access N	7.26	6.31	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	6.20
	B - Quarry Access	0.00	0.00	3.18
	C - Quarry Access N	1.03	5.30	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	5.17
	B - Quarry Access	0.00	0.00	1.06
	C - Quarry Access N	2.07	6.36	0.00

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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	3.15
	B - Quarry Access	0.00	0.00	3.18
	C - Quarry Access N	0.00	3.15	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	2.07
	B - Quarry Access	0.00	0.00	3.15
	C - Quarry Access N	4.16	6.36	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	8.48
	C - Quarry Access N	3.13	4.24	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	6.31
	C - Quarry Access N	1.03	4.19	0.00

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	2.12
	C - Quarry Access N	2.07	6.33	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	8.35
	C - Quarry Access N	4.14	8.45	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	6.36
	C - Quarry Access N	3.10	6.28	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	7.37
	C - Quarry Access N	4.14	5.25	0.00

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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	7.34
	C - Quarry Access N	4.14	4.24	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	4.24
	C - Quarry Access N	2.07	1.06	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	4.24
	C - Quarry Access N	4.14	7.42	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	4.24
	C - Quarry Access N	5.17	1.03	0.00

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	3.18
	C - Quarry Access N	1.03	1.06	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	2.12
	C - Quarry Access N	2.07	3.18	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	2.12
	C - Quarry Access N	3.10	1.06	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	5.20
	C - Quarry Access N	1.03	4.21	0.00

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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	5.25
	C - Quarry Access N	2.07	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	4.14
	B - Quarry Access	0.00	0.00	0.00
	C - Quarry Access N	1.03	1.06	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	0.00
	C - Quarry Access N	2.07	1.06	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	3.13
	C - Quarry Access N	0.00	3.15	0.00

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	4.16
	C - Quarry Access N	0.00	1.06	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	2.07
	B - Quarry Access	0.00	0.00	2.12
	C - Quarry Access N	0.00	1.03	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	2.09
	C - Quarry Access N	1.03	2.09	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	2.07
	B - Quarry Access	0.00	0.00	1.03
	C - Quarry Access N	0.00	1.06	0.00

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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	2.07	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	80
	C - Quarry Access N	0	41	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	75	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

Heavy Vehicle Percentages

07:45 - 08:00

	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	86	0

Heavy Vehicle Percentages

08:00 - 08:15

	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

08:15 - 08:30

	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

08:30 - 08:45

	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	80
	C - Quarry Access N	0	67	0

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