

Castlepollard Quarry, Deerpark, Castlepollard, Co. Westmeath

Castlepollard Quarry

Environmental Impact Assessment Report

Appendix 14.3

Junction Capacity Analysis Results

February 2021



Part of the Breedon Group

Prepared by:

J Sheils Planning & Environmental Ltd

31 Athlumney Castle, Navan, Co. Meath

Westmeath County Council Planning Authority - Inspection Purposes Only

<h1>Junctions 9</h1>
<h2>PICADY 9 - Priority Intersection Module</h2>
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Filename: Site Access - Removed.j9
Path: W:\2021\P21-047
Report generation date: 15/11/2021 08:56:06

- »Base year, 12hrs
- »Opening year+Adj, 12hrs
- »+5+Adj, 12hrs
- »+15+Adj, 12hrs
- »Opening year+Adj+Dev, 12hrs
- »+5+Adj+Dev, 12hrs
- »+15+Adj+Dev, 12hrs

Summary of junction performance

	12hrs			
	Queue (Veh)	Delay (s)	RFC	LOS
Base year				
Stream B-C	0.0	7.24	0.02	A
Stream B-A	0.0	7.38	0.01	A
Stream C-AB	0.0	10.68	0.02	B
Opening year+Adj				
Stream B-C	0.0	7.27	0.02	A
Stream B-A	0.0	7.38	0.01	A
Stream C-AB	0.0	10.67	0.02	B
+5+Adj				
Stream B-C	0.0	7.41	0.02	A
Stream B-A	0.0	7.43	0.01	A
Stream C-AB	0.0	10.61	0.02	B
+15+Adj				
Stream B-C	0.0	7.59	0.02	A
Stream B-A	0.0	7.49	0.01	A
Stream C-AB	0.0	10.54	0.02	B
Opening year+Adj+Dev				
Stream B-C	0.0	11.09	0.02	B
Stream B-A	0.0	15.79	0.01	C
Stream C-AB	0.0	10.84	0.02	B
+5+Adj+Dev				
Stream B-C	0.0	11.15	0.02	B
Stream B-A	0.0	15.97	0.01	C
Stream C-AB	0.0	10.79	0.02	B
+15+Adj+Dev				
Stream B-C	0.0	11.23	0.03	B
Stream B-A	0.0	16.18	0.01	C
Stream C-AB	0.0	10.74	0.02	B

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

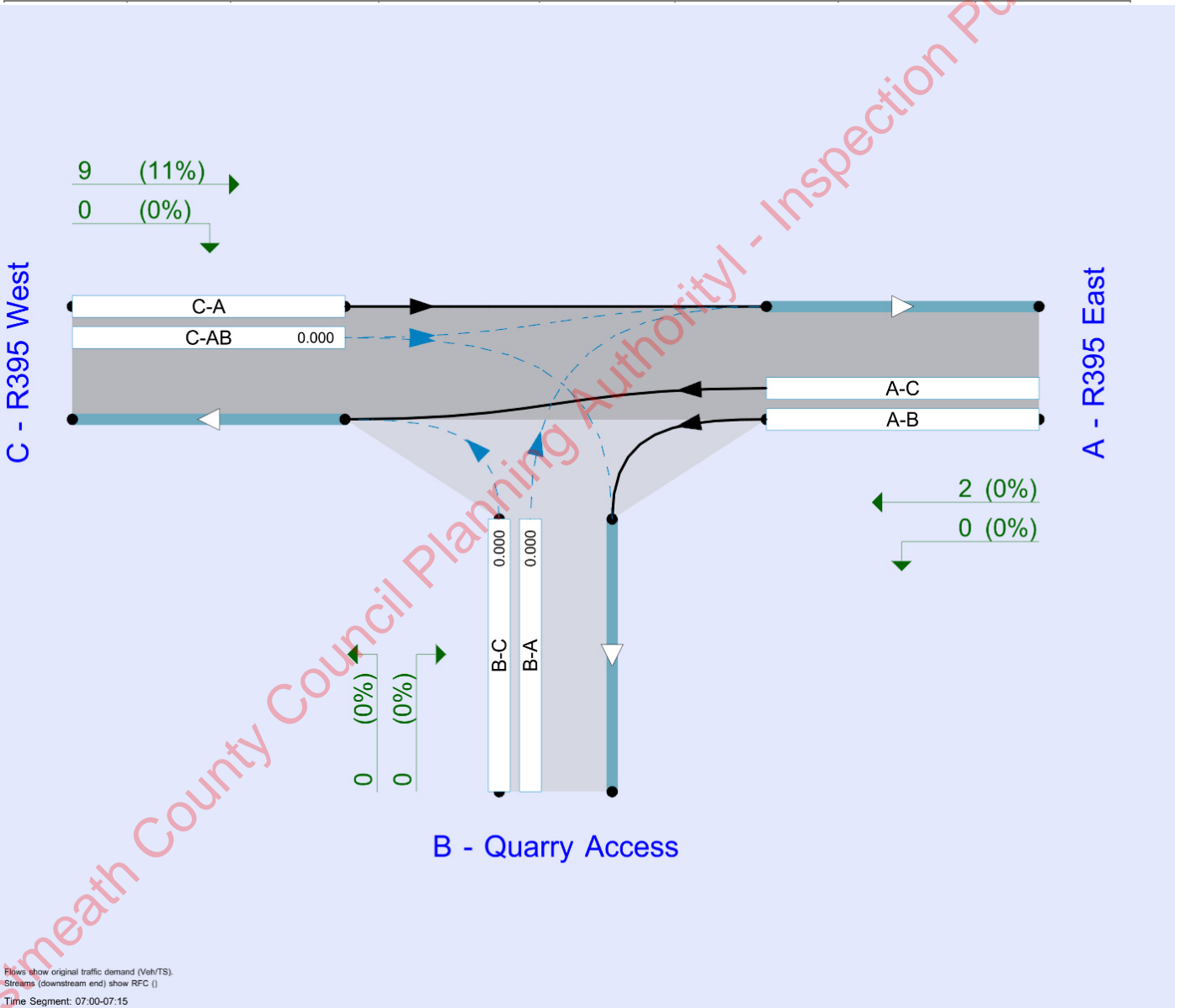
File summary

File Description

Title	Quarry Castlepollard
Location	Castlepollard, Co Westmeath
Site number	
Date	08/06/2021
Version	
Status	(new file)
Identifier	
Client	
Jobnumber	
Enumerator	PMCE\papadakisa
Description	

Units

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



Analysis Options

Vehicle length (m)	Calculate Queue Percentiles	Calculate detailed queuing 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	Time Period 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	Base year	12hrs	DIRECT	07:00	19:00	720	15	✓		
D2	Opening year	12hrs	DIRECT	07:00	19:00	720	15			
D3	+5	12hrs	DIRECT	07:00	19:00	720	15			
D4	+15	12hrs	DIRECT	07:00	19:00	720	15			
D5	Development Traffic	12hrs	DIRECT	07:00	19:00	720	15			
D6	Adjacent Dev. Traffic	12hrs	DIRECT	07:00	19:00	720	15			
D7	Opening year+Adj	12hrs	DIRECT	07:00	19:00	720	15	✓	Simple	D2+D6
D8	+5+Adj	12hrs	DIRECT	07:00	19:00	720	15	✓	Simple	D3+D6
D9	+15+Adj	12hrs	DIRECT	07:00	19:00	720	15	✓	Simple	D4+D6
D10	Opening year+Adj+Dev	12hrs	DIRECT	07:00	19:00	720	15	✓	Simple	D2+D6+D5
D11	+5+Adj+Dev	12hrs	DIRECT	07:00	19:00	720	15	✓	Simple	D3+D6+D5
D12	+15+Adj+Dev	12hrs	DIRECT	07:00	19:00	720	15	✓	Simple	D4+D6+D5

Analysis Set Details

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

Base year, 12hrs

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	Quarry Access	T-Junction	Two-way		0.09	A

Junction Network Options

Driving side	Lighting
Left	Normal/unknown

Arms

Arms

Arm	Name	Description	Arm type
A	R395 East		Major
B	Quarry Access		Minor
C	R395 West		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 - R395 West	6.00			100.0	✓	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	5.00	4.00	2.50	2.20	✓	1.00	30	30

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	134.938	0.098	0.248	0.156	0.355
1	B-C	172.773	0.106	0.268	-	-
1	C-B	157.969	0.245	0.245	-	-

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	Time Period name	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time period length (min)	Time segment length (min)	Run automatically
D1	Base year	12hrs	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 - R395 East		DIRECT	✓	100.000
B - Quarry Access		DIRECT	✓	100.000
C - R395 West		DIRECT	✓	100.000

Origin-Destination Data

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
07:00 - 07:15	From	A - R395 East	0.00	2.26
		B - Quarry Access	0.00	0.00
		C - R395 West	8.90	0.00

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
07:15 - 07:30	From	A - R395 East	0.00	11.16
		B - Quarry Access	0.00	0.00
		C - R395 West	6.51	0.00

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
07:30 - 07:45	From	A - R395 East	0.00	10.90
		B - Quarry Access	0.00	0.00
		C - R395 West	13.16	0.00

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
07:45 - 08:00	From	A - R395 East	0.00	18.93
		B - Quarry Access	0.00	0.00
		C - R395 West	21.19	0.00

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
08:00 - 08:15	From	A - R395 East	0.00	12.29
		B - Quarry Access	0.00	0.00
		C - R395 West	17.54	0.00

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
08:15 - 08:30	From	A - R395 East	0.00	13.54
		B - Quarry Access	0.00	0.00
		C - R395 West	20.19	0.00

Demand (Veh/TS)

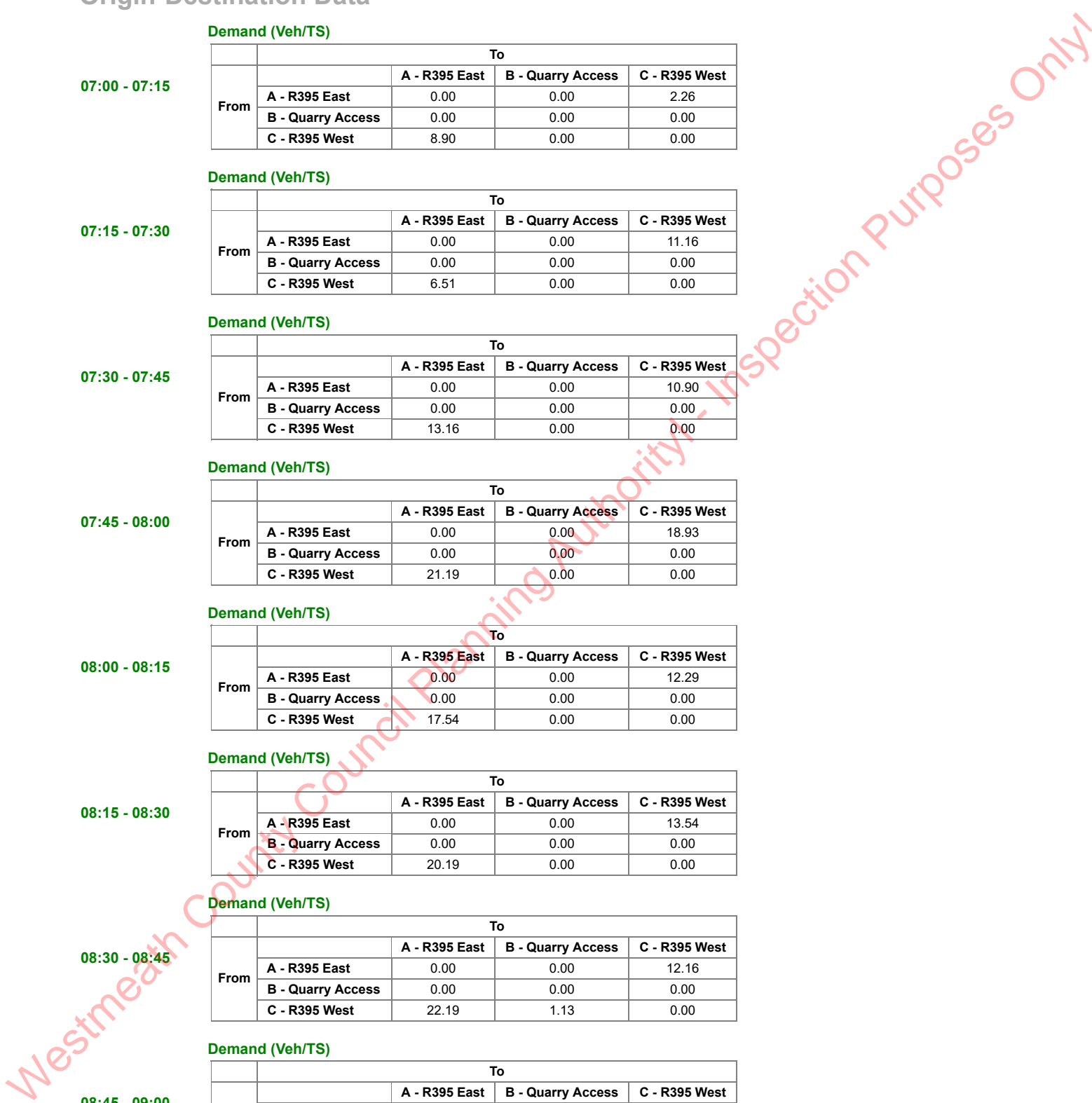
		To		
		A - R395 East	B - Quarry Access	C - R395 West
08:30 - 08:45	From	A - R395 East	0.00	12.16
		B - Quarry Access	0.00	0.00
		C - R395 West	22.19	1.13

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
08:45 - 09:00	From	A - R395 East	0.00	19.19
		B - Quarry Access	0.00	0.00
		C - R395 West	17.80	0.00

09:00 - 09:15

Demand (Veh/TS)



		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	20.19
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	19.06	0.00	0.00

Demand (Veh/TS)

09:15 - 09:30

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	26.70
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	21.19	0.00	0.00

Demand (Veh/TS)

09:30 - 09:45

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	16.93
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	10.03	0.00	0.00

Demand (Veh/TS)

09:45 - 10:00

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	16.67
	B - Quarry Access	0.00	0.00	1.13
	C - R395 West	13.29	2.26	0.00

Demand (Veh/TS)

10:00 - 10:15

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	17.80
	B - Quarry Access	0.00	0.00	1.13
	C - R395 West	6.64	0.00	0.00

Demand (Veh/TS)

10:15 - 10:30

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	9.03
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	15.42	1.13	0.00

Demand (Veh/TS)

10:30 - 10:45

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	15.67
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	8.77	1.00	0.00

Demand (Veh/TS)

10:45 - 11:00

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	13.42
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	10.03	0.00	0.00

Demand (Veh/TS)

11:00 - 11:15

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	10.03
	B - Quarry Access	1.13	0.00	2.13
	C - R395 West	12.42	0.00	0.00

Demand (Veh/TS)

11:15 - 11:30

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	16.80
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	13.54	0.00	0.00

11:30 - 11:45

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	14.54
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	11.29	0.00	0.00

Demand (Veh/TS)

11:45 - 12:00

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	15.54
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	20.32	0.00	0.00

Demand (Veh/TS)

12:00 - 12:15

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	22.57
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	19.19	0.00	0.00

Demand (Veh/TS)

12:15 - 12:30

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	12.29
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	14.54	0.00	0.00

Demand (Veh/TS)

12:30 - 12:45

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	14.54
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	10.03	0.00	0.00

Demand (Veh/TS)

12:45 - 13:00

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	14.67
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	11.03	0.00	0.00

Demand (Veh/TS)

13:00 - 13:15

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	8.90
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	15.54	0.00	0.00

Demand (Veh/TS)

13:15 - 13:30

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	13.54
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	13.29	0.00	0.00

Demand (Veh/TS)

13:30 - 13:45

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	25.70
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	30.47	0.00	0.00

Demand (Veh/TS)

13:45 - 14:00

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	10.90
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	21.32	0.00	0.00

14:00 - 14:15

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	29.22
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	11.16	0.00	0.00

Demand (Veh/TS)

14:15 - 14:30

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	20.06
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	12.29	0.00	0.00

Demand (Veh/TS)

14:30 - 14:45

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	21.45
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	30.22	0.00	0.00

Demand (Veh/TS)

14:45 - 15:00

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	16.67
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	29.22	0.00	0.00

Demand (Veh/TS)

15:00 - 15:15

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	31.47
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	16.93	1.13	0.00

Demand (Veh/TS)

15:15 - 15:30

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	26.83
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	22.45	0.00	0.00

Demand (Veh/TS)

15:30 - 15:45

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	23.70
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	16.67	0.00	0.00

Demand (Veh/TS)

15:45 - 16:00

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	29.09
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	27.96	0.00	0.00

Demand (Veh/TS)

16:00 - 16:15

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	32.22
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	36.73	0.00	0.00

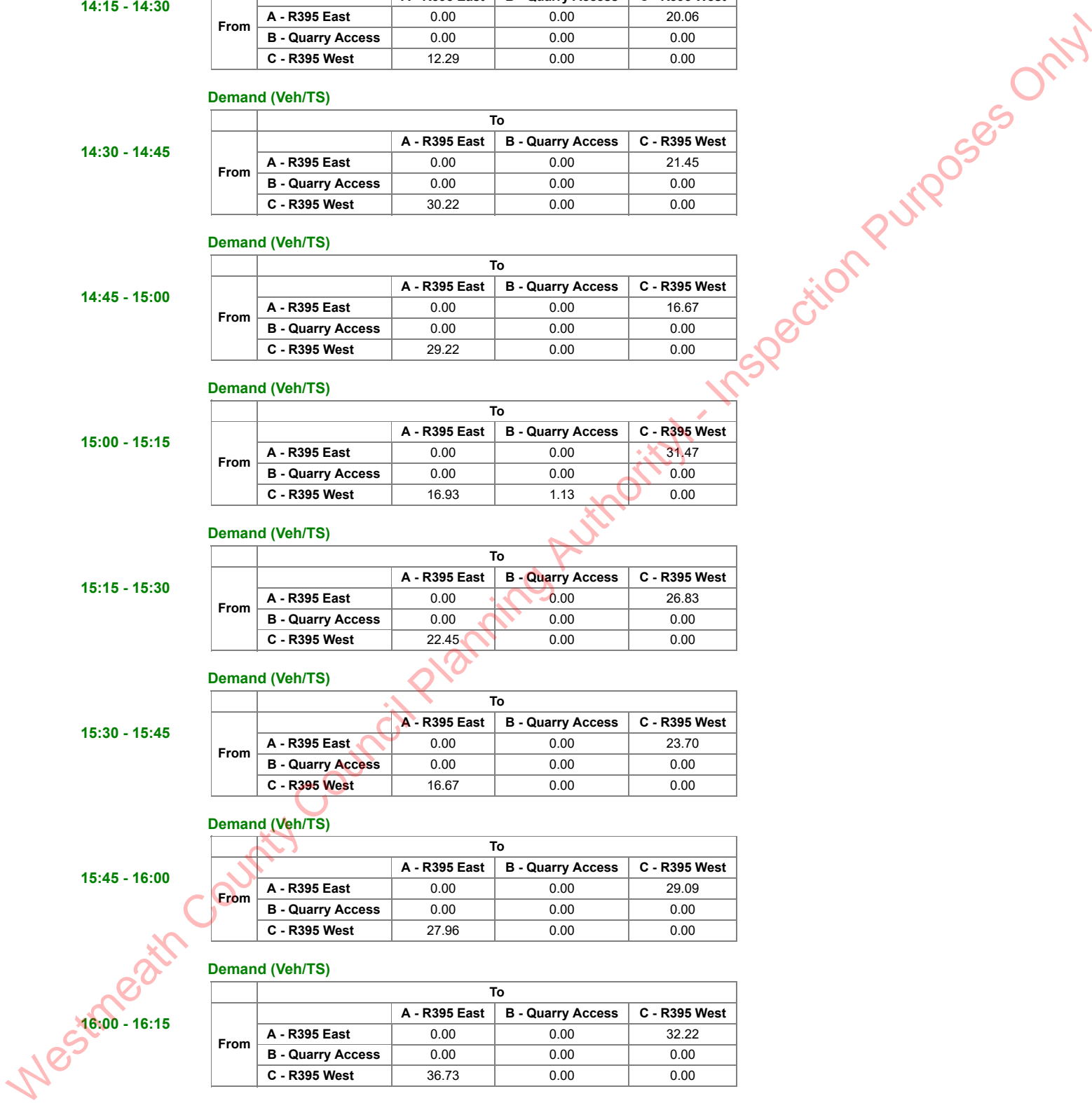
Demand (Veh/TS)

16:15 - 16:30

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	15.80
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	11.29	0.00	0.00

16:30 - 16:45

Demand (Veh/TS)



		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	34.73
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	16.80	0.00	0.00

Demand (Veh/TS)

16:45 - 17:00

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	22.32
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	18.06	0.00	0.00

Demand (Veh/TS)

17:00 - 17:15

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	16.93
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	18.06	0.00	0.00

Demand (Veh/TS)

17:15 - 17:30

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	28.83
	B - Quarry Access	0.00	0.00	1.13
	C - R395 West	16.80	0.00	0.00

Demand (Veh/TS)

17:30 - 17:45

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	25.57
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	22.57	1.13	0.00

Demand (Veh/TS)

17:45 - 18:00

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	17.93
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	29.22	0.00	0.00

Demand (Veh/TS)

18:00 - 18:15

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	11.29
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	16.80	0.00	0.00

Demand (Veh/TS)

18:15 - 18:30

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	19.19
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	14.54	0.00	0.00

Demand (Veh/TS)

18:30 - 18:45

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	20.32
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	5.64	0.00	0.00

Demand (Veh/TS)

18:45 - 19:00

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	15.80
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	17.80	0.00	0.00

Vehicle Mix

Heavy Vehicle Percentages

		To		
		A - R395 East	B - Quarry Access	C - R395 West
07:00 - 07:15	From	A - R395 East	0	0
		B - Quarry Access	0	0
		C - R395 West	11	0

Heavy Vehicle Percentages

		To		
		A - R395 East	B - Quarry Access	C - R395 West
07:15 - 07:30	From	A - R395 East	0	9
		B - Quarry Access	0	0
		C - R395 West	31	0

Heavy Vehicle Percentages

		To		
		A - R395 East	B - Quarry Access	C - R395 West
07:30 - 07:45	From	A - R395 East	0	28
		B - Quarry Access	0	0
		C - R395 West	23	0

Heavy Vehicle Percentages

		To		
		A - R395 East	B - Quarry Access	C - R395 West
07:45 - 08:00	From	A - R395 East	0	11
		B - Quarry Access	0	0
		C - R395 West	9	0

Heavy Vehicle Percentages

		To		
		A - R395 East	B - Quarry Access	C - R395 West
08:00 - 08:15	From	A - R395 East	0	8
		B - Quarry Access	0	0
		C - R395 West	23	0

Heavy Vehicle Percentages

		To		
		A - R395 East	B - Quarry Access	C - R395 West
08:15 - 08:30	From	A - R395 East	0	0
		B - Quarry Access	0	0
		C - R395 West	5	0

Heavy Vehicle Percentages

		To		
		A - R395 East	B - Quarry Access	C - R395 West
08:30 - 08:45	From	A - R395 East	0	16
		B - Quarry Access	0	0
		C - R395 West	14	0

Heavy Vehicle Percentages

		To		
		A - R395 East	B - Quarry Access	C - R395 West
08:45 - 09:00	From	A - R395 East	0	0
		B - Quarry Access	0	0
		C - R395 West	11	0

Heavy Vehicle Percentages

		To		
		A - R395 East	B - Quarry Access	C - R395 West
09:00 - 09:15	From	A - R395 East	0	5
		B - Quarry Access	0	0
		C - R395 West	5	0

09:15 - 09:30

Heavy Vehicle Percentages

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	11
	B - Quarry Access	0	0	0
	C - R395 West	9	0	0

Heavy Vehicle Percentages

09:30 - 09:45

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	0
	B - Quarry Access	0	0	0
	C - R395 West	10	0	0

Heavy Vehicle Percentages

09:45 - 10:00

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	12
	B - Quarry Access	0	0	0
	C - R395 West	15	0	0

Heavy Vehicle Percentages

10:00 - 10:15

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	11
	B - Quarry Access	0	0	0
	C - R395 West	15	0	0

Heavy Vehicle Percentages

10:15 - 10:30

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	0
	B - Quarry Access	0	0	0
	C - R395 West	19	0	0

Heavy Vehicle Percentages

10:30 - 10:45

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	6
	B - Quarry Access	0	0	0
	C - R395 West	23	100	0

Heavy Vehicle Percentages

10:45 - 11:00

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	7
	B - Quarry Access	0	0	0
	C - R395 West	10	0	0

Heavy Vehicle Percentages

11:00 - 11:15

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	10
	B - Quarry Access	0	0	47
	C - R395 West	0	0	0

Heavy Vehicle Percentages

11:15 - 11:30

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	6
	B - Quarry Access	0	0	0
	C - R395 West	0	0	0

Heavy Vehicle Percentages

11:30 - 11:45

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	7
	B - Quarry Access	0	0	0
	C - R395 West	0	0	0

11:45 - 12:00

Heavy Vehicle Percentages

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	13
	B - Quarry Access	0	0	0
	C - R395 West	0	0	0

Heavy Vehicle Percentages

12:00 - 12:15

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	0
	B - Quarry Access	0	0	0
	C - R395 West	0	0	0

Heavy Vehicle Percentages

12:15 - 12:30

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	8
	B - Quarry Access	0	0	0
	C - R395 West	7	0	0

Heavy Vehicle Percentages

12:30 - 12:45

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	7
	B - Quarry Access	0	0	0
	C - R395 West	10	0	0

Heavy Vehicle Percentages

12:45 - 13:00

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	0
	B - Quarry Access	0	0	0
	C - R395 West	18	0	0

Heavy Vehicle Percentages

13:00 - 13:15

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	11
	B - Quarry Access	0	0	0
	C - R395 West	13	0	0

Heavy Vehicle Percentages

13:15 - 13:30

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	0
	B - Quarry Access	0	0	0
	C - R395 West	15	0	0

Heavy Vehicle Percentages

13:30 - 13:45

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	8
	B - Quarry Access	0	0	0
	C - R395 West	0	0	0

Heavy Vehicle Percentages

13:45 - 14:00

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	28
	B - Quarry Access	0	0	0
	C - R395 West	5	0	0

Heavy Vehicle Percentages

14:00 - 14:15

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	3
	B - Quarry Access	0	0	0
	C - R395 West	9	0	0

14:15 - 14:30

Heavy Vehicle Percentages

Westmeath County Council Planning Authority - Inspection Purposes Only!

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	10
	B - Quarry Access	0	0	0
	C - R395 West	8	0	0

Heavy Vehicle Percentages

14:30 - 14:45

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	0
	B - Quarry Access	0	0	0
	C - R395 West	7	0	0

Heavy Vehicle Percentages

14:45 - 15:00

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	12
	B - Quarry Access	0	0	0
	C - R395 West	3	0	0

Heavy Vehicle Percentages

15:00 - 15:15

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	3
	B - Quarry Access	0	0	0
	C - R395 West	0	0	0

Heavy Vehicle Percentages

15:15 - 15:30

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	7
	B - Quarry Access	0	0	0
	C - R395 West	4	0	0

Heavy Vehicle Percentages

15:30 - 15:45

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	0
	B - Quarry Access	0	0	0
	C - R395 West	12	0	0

Heavy Vehicle Percentages

15:45 - 16:00

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	7
	B - Quarry Access	0	0	0
	C - R395 West	7	0	0

Heavy Vehicle Percentages

16:00 - 16:15

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	12
	B - Quarry Access	0	0	0
	C - R395 West	11	0	0

Heavy Vehicle Percentages

16:15 - 16:30

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	0
	B - Quarry Access	0	0	0
	C - R395 West	0	0	0

Heavy Vehicle Percentages

16:30 - 16:45

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	6
	B - Quarry Access	0	0	0
	C - R395 West	6	0	0

16:45 - 17:00

Heavy Vehicle Percentages

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	9
	B - Quarry Access	0	0	0
	C - R395 West	0	0	0

Heavy Vehicle Percentages

17:00 - 17:15

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	0
	B - Quarry Access	0	0	0
	C - R395 West	0	0	0

Heavy Vehicle Percentages

17:15 - 17:30

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	14
	B - Quarry Access	0	0	0
	C - R395 West	6	0	0

Heavy Vehicle Percentages

17:30 - 17:45

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	12
	B - Quarry Access	0	0	0
	C - R395 West	0	0	0

Heavy Vehicle Percentages

17:45 - 18:00

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	6
	B - Quarry Access	0	0	0
	C - R395 West	3	0	0

Heavy Vehicle Percentages

18:00 - 18:15

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	0
	B - Quarry Access	0	0	0
	C - R395 West	6	0	0

Heavy Vehicle Percentages

18:15 - 18:30

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	0
	B - Quarry Access	0	0	0
	C - R395 West	7	0	0

Heavy Vehicle Percentages

18:30 - 18:45

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	0
	B - Quarry Access	0	0	0
	C - R395 West	0	0	0

Heavy Vehicle Percentages

18:45 - 19:00

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	0
	B - Quarry Access	0	0	0
	C - R395 West	11	0	0

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Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (Veh)	Max LOS	Average Demand (Veh/TS)	Total Junction Arrivals (Veh)
B-C	0.02	7.24	0.0	A	0.11	5.51
B-A	0.01	7.38	0.0	A	0.02	1.13
C-AB	0.02	10.68	0.0	B	0.18	8.69
C-A					16.98	815.18
A-B					0.00	0.00
A-C					18.26	876.30

Main Results for each time segment

07:00 - 07:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	172.17	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	132.83	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	149.04	0.000	0.00	0.0	0.0	0.000	A
C-A	8.90	8.90			8.90				
A-B	0.00	0.00			0.00				
A-C	2.26	2.26			2.26				

07:15 - 07:30

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	169.52	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	130.59	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	140.28	0.000	0.00	0.0	0.0	0.000	A
C-A	6.51	6.51			6.51				
A-B	0.00	0.00			0.00				
A-C	11.16	11.16			11.16				

07:30 - 07:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	169.05	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	128.96	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	139.32	0.000	0.00	0.0	0.0	0.000	A
C-A	13.16	13.16			13.16				
A-B	0.00	0.00			0.00				
A-C	10.90	10.90			10.90				

07:45 - 08:00

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	167.17	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	126.11	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	141.74	0.000	0.00	0.0	0.0	0.000	A
C-A	21.19	21.19			21.19				
A-B	0.00	0.00			0.00				
A-C	18.93	18.93			18.93				

08:00 - 08:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	169.21	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	128.27	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	141.14	0.000	0.00	0.0	0.0	0.000	A
C-A	17.54	17.54			17.54				
A-B	0.00	0.00			0.00				
A-C	12.29	12.29			12.29				

08:15 - 08:30

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	169.15	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	128.26	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	145.84	0.000	0.00	0.0	0.0	0.000	A
C-A	20.19	20.19			20.19				
A-B	0.00	0.00			0.00				
A-C	13.54	13.54			13.54				

08:30 - 08:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	168.98	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	127.08	0.000	0.00	0.0	0.0	0.000	A
C-AB	1.30	1.30	168.04	0.008	1.29	0.0	0.0	5.397	A
C-A	22.02	22.02			22.02				
A-B	0.00	0.00			0.00				
A-C	12.16	12.16			12.16				

08:45 - 09:00

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	167.63	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	127.07	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	150.58	0.000	0.01	0.0	0.0	0.000	A
C-A	17.80	17.80			17.80				
A-B	0.00	0.00			0.00				
A-C	19.19	19.19			19.19				

09:00 - 09:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	167.10	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	126.54	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	146.33	0.000	0.00	0.0	0.0	0.000	A
C-A	19.06	19.06			19.06				
A-B	0.00	0.00			0.00				
A-C	20.19	20.19			20.19				

09:15 - 09:30

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	164.82	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	123.93	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	144.12	0.000	0.00	0.0	0.0	0.000	A
C-A	21.19	21.19			21.19				
A-B	0.00	0.00			0.00				
A-C	26.70	26.70			26.70				

09:30 - 09:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	168.24	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	129.01	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	146.81	0.000	0.00	0.0	0.0	0.000	A
C-A	10.03	10.03			10.03				
A-B	0.00	0.00			0.00				
A-C	16.93	16.93			16.93				

09:45 - 10:00

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	1.13	1.13	167.62	0.007	1.12	0.0	0.0	5.405	A
B-A	0.00	0.00	112.31	0.000	0.00	0.0	0.0	0.000	A
C-AB	2.46	2.46	161.47	0.015	2.44	0.0	0.0	5.670	A
C-A	13.08	13.08			13.08				
A-B	0.00	0.00			0.00				
A-C	16.67	16.67			16.67				

10:00 - 10:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	1.13	1.13	167.31	0.007	1.13	0.0	0.0	5.415	A
B-A	0.00	0.00	113.82	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	155.41	0.000	0.02	0.0	0.0	5.761	A
C-A	6.64	6.64			6.64				
A-B	0.00	0.00			0.00				
A-C	17.80	17.80			17.80				

10:15 - 10:30

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	170.20	0.000	0.01	0.0	0.0	0.000	A
B-A	0.00	0.00	114.35	0.000	0.00	0.0	0.0	0.000	A
C-AB	1.25	1.25	164.80	0.008	1.24	0.0	0.0	5.502	A
C-A	15.30	15.30			15.30				
A-B	0.00	0.00			0.00				
A-C	9.03	9.03			9.03				

10:30 - 10:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	168.31	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	128.40	0.000	0.00	0.0	0.0	0.000	A
C-AB	1.12	1.12	84.17	0.013	1.11	0.0	0.0	8.155	A
C-A	8.65	8.65			8.65				
A-B	0.00	0.00			0.00				
A-C	15.67	15.67			15.67				

10:45 - 11:00

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	168.91	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	129.62	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	88.22	0.000	0.01	0.0	0.0	10.680	B
C-A	10.03	10.03			10.03				
A-B	0.00	0.00			0.00				
A-C	13.42	13.42			13.42				

11:00 - 11:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	2.13	2.13	121.58	0.018	2.11	0.0	0.0	6.686	A
B-A	1.13	1.13	123.13	0.009	1.12	0.0	0.0	7.375	A
C-AB	0.00	0.00	141.19	0.000	0.00	0.0	0.0	0.000	A
C-A	12.42	12.42			12.42				
A-B	0.00	0.00			0.00				
A-C	10.03	10.03			10.03				

11:15 - 11:30

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	120.02	0.000	0.02	0.0	0.0	0.000	A
B-A	0.00	0.00	121.98	0.000	0.01	0.0	0.0	0.000	A
C-AB	0.00	0.00	142.90	0.000	0.00	0.0	0.0	0.000	A
C-A	13.54	13.54			13.54				
A-B	0.00	0.00			0.00				
A-C	16.80	16.80			16.80				

11:30 - 11:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	150.89	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	129.31	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	148.59	0.000	0.00	0.0	0.0	0.000	A
C-A	11.29	11.29			11.29				
A-B	0.00	0.00			0.00				
A-C	14.54	14.54			14.54				

11:45 - 12:00

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	158.75	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	127.40	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	150.85	0.000	0.00	0.0	0.0	0.000	A
C-A	20.32	20.32			20.32				
A-B	0.00	0.00			0.00				
A-C	15.54	15.54			15.54				

12:00 - 12:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	161.97	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	126.33	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	151.03	0.000	0.00	0.0	0.0	0.000	A
C-A	19.19	19.19			19.19				
A-B	0.00	0.00			0.00				
A-C	22.57	22.57			22.57				

12:15 - 12:30

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	166.77	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	129.21	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	151.40	0.000	0.00	0.0	0.0	0.000	A
C-A	14.54	14.54			14.54				
A-B	0.00	0.00			0.00				
A-C	12.29	12.29			12.29				

12:30 - 12:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	167.38	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	129.35	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	148.83	0.000	0.00	0.0	0.0	0.000	A
C-A	10.03	10.03			10.03				
A-B	0.00	0.00			0.00				
A-C	14.54	14.54			14.54				

12:45 - 13:00

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	168.23	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	129.26	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	145.19	0.000	0.00	0.0	0.0	0.000	A
C-A	11.03	11.03			11.03				
A-B	0.00	0.00			0.00				
A-C	14.67	14.67			14.67				

13:00 - 13:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	169.81	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	129.74	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	146.22	0.000	0.00	0.0	0.0	0.000	A
C-A	15.54	15.54			15.54				
A-B	0.00	0.00			0.00				
A-C	8.90	8.90			8.90				

13:15 - 13:30

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	168.99	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	129.18	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	144.60	0.000	0.00	0.0	0.0	0.000	A
C-A	13.29	13.29			13.29				
A-B	0.00	0.00			0.00				
A-C	13.54	13.54			13.54				

13:30 - 13:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	165.28	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	123.29	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	146.11	0.000	0.00	0.0	0.0	0.000	A
C-A	30.47	30.47			30.47				
A-B	0.00	0.00			0.00				
A-C	25.70	25.70			25.70				

13:45 - 14:00

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	169.01	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	128.00	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	150.19	0.000	0.00	0.0	0.0	0.000	A
C-A	21.32	21.32			21.32				
A-B	0.00	0.00			0.00				
A-C	10.90	10.90			10.90				

14:00 - 14:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	164.66	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	125.53	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	145.20	0.000	0.00	0.0	0.0	0.000	A
C-A	11.16	11.16			11.16				
A-B	0.00	0.00			0.00				
A-C	29.22	29.22			29.22				

14:15 - 14:30

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	166.86	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	127.38	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	146.87	0.000	0.00	0.0	0.0	0.000	A
C-A	12.29	12.29			12.29				
A-B	0.00	0.00			0.00				
A-C	20.06	20.06			20.06				

14:30 - 14:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	167.03	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	124.57	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	147.42	0.000	0.00	0.0	0.0	0.000	A
C-A	30.22	30.22			30.22				
A-B	0.00	0.00			0.00				
A-C	21.45	21.45			21.45				

14:45 - 15:00

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	167.77	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	125.57	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	149.43	0.000	0.00	0.0	0.0	0.000	A
C-A	29.22	29.22			29.22				
A-B	0.00	0.00			0.00				
A-C	16.67	16.67			16.67				

15:00 - 15:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	164.08	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	123.82	0.000	0.00	0.0	0.0	0.000	A
C-AB	1.26	1.26	161.30	0.008	1.25	0.0	0.0	5.623	A
C-A	16.80	16.80			16.80				
A-B	0.00	0.00			0.00				
A-C	31.47	31.47			31.47				

15:15 - 15:30

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	165.05	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	124.11	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	150.91	0.000	0.01	0.0	0.0	0.000	A
C-A	22.45	22.45			22.45				
A-B	0.00	0.00			0.00				
A-C	26.83	26.83			26.83				

15:30 - 15:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	166.43	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	126.13	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	146.94	0.000	0.00	0.0	0.0	0.000	A
C-A	16.67	16.67			16.67				
A-B	0.00	0.00			0.00				
A-C	23.70	23.70			23.70				

15:45 - 16:00

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	164.45	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	122.53	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	145.18	0.000	0.00	0.0	0.0	0.000	A
C-A	27.96	27.96			27.96				
A-B	0.00	0.00			0.00				
A-C	29.09	29.09			29.09				

16:00 - 16:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	163.07	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	119.57	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	142.67	0.000	0.00	0.0	0.0	0.000	A
C-A	36.73	36.73			36.73				
A-B	0.00	0.00			0.00				
A-C	32.22	32.22			32.22				

16:15 - 16:30

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	168.54	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	129.25	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	150.70	0.000	0.00	0.0	0.0	0.000	A
C-A	11.29	11.29			11.29				
A-B	0.00	0.00			0.00				
A-C	15.80	15.80			15.80				

16:30 - 16:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	162.94	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	123.03	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	145.18	0.000	0.00	0.0	0.0	0.000	A
C-A	16.80	16.80			16.80				
A-B	0.00	0.00			0.00				
A-C	34.73	34.73			34.73				

16:45 - 17:00

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	166.26	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	126.07	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	150.05	0.000	0.00	0.0	0.0	0.000	A
C-A	18.06	18.06			18.06				
A-B	0.00	0.00			0.00				
A-C	22.32	22.32			22.32				

17:00 - 17:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	168.24	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	127.91	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	152.82	0.000	0.00	0.0	0.0	0.000	A
C-A	18.06	18.06			18.06				
A-B	0.00	0.00			0.00				
A-C	16.93	16.93			16.93				

17:15 - 17:30

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	1.13	1.13	163.83	0.007	1.12	0.0	0.0	7.244	A
B-A	0.00	0.00	109.56	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	147.26	0.000	0.00	0.0	0.0	0.000	A
C-A	16.80	16.80			16.80				
A-B	0.00	0.00			0.00				
A-C	28.83	28.83			28.83				

17:30 - 17:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	164.97	0.000	0.01	0.0	0.0	0.000	A
B-A	0.00	0.00	109.48	0.000	0.00	0.0	0.0	0.000	A
C-AB	1.31	1.31	165.97	0.008	1.30	0.0	0.0	5.465	A
C-A	22.40	22.40			22.40				
A-B	0.00	0.00			0.00				
A-C	25.57	25.57			25.57				

17:45 - 18:00

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	167.70	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	125.51	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	153.33	0.000	0.01	0.0	0.0	0.000	A
C-A	29.22	29.22			29.22				
A-B	0.00	0.00			0.00				
A-C	17.93	17.93			17.93				

18:00 - 18:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	169.75	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	129.35	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	152.29	0.000	0.00	0.0	0.0	0.000	A
C-A	16.80	16.80			16.80				
A-B	0.00	0.00			0.00				
A-C	11.29	11.29			11.29				

18:15 - 18:30

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	167.63	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	127.74	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	149.27	0.000	0.00	0.0	0.0	0.000	A
C-A	14.54	14.54			14.54				
A-B	0.00	0.00			0.00				
A-C	19.19	19.19			19.19				

18:30 - 18:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	167.33	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	129.01	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	150.97	0.000	0.00	0.0	0.0	0.000	A
C-A	5.64	5.64			5.64				
A-B	0.00	0.00			0.00				
A-C	20.32	20.32			20.32				

18:45 - 19:00

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	168.54	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	127.92	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	148.92	0.000	0.00	0.0	0.0	0.000	A
C-A	17.80	17.80			17.80				
A-B	0.00	0.00			0.00				
A-C	15.80	15.80			15.80				

Westmeath County Council Planning Authority - Inspection Purposes Only!

Opening year+Adj, 12hrs

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	Quarry Access	T-Junction	Two-way		0.09	A

Junction Network Options

Driving side	Lighting
Left	Normal/unknown

Traffic Demand

Demand Set Details

ID	Scenario name	Time Period 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	Opening year+Adj	12hrs	DIRECT	07:00	19:00	720	15	✓	Simple	D2+D6

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 - R395 East		DIRECT	✓	100.000
B - Quarry Access		DIRECT	✓	100.000
C - R395 West		DIRECT	✓	100.000

Origin-Destination Data

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
07:00 - 07:15	From			
	A - R395 East	0.00	0.00	2.29
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	9.06	0.00	0.00

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
07:15 - 07:30	From			
	A - R395 East	0.00	0.00	11.35
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	6.65	0.00	0.00

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
07:30 - 07:45	From			
	A - R395 East	0.00	0.00	11.12
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	13.42	0.00	0.00

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
07:45 - 08:00	From			
	A - R395 East	0.00	0.00	19.27
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	21.56	0.00	0.00

08:00 - 08:15

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	12.50
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	17.89	0.00	0.00

08:15 - 08:30

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	13.76
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	20.53	0.00	0.00

08:30 - 08:45

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	12.39
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	22.59	1.15	0.00

08:45 - 09:00

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	19.50
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	18.12	0.00	0.00

09:00 - 09:15

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	20.53
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	19.38	0.00	0.00

09:15 - 09:30

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	27.18
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	21.56	0.00	0.00

09:30 - 09:45

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	17.20
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	10.21	0.00	0.00

09:45 - 10:00

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	16.97
	B - Quarry Access	0.00	0.00	1.15
	C - R395 West	13.53	2.29	0.00

10:00 - 10:15

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	18.12
	B - Quarry Access	0.00	0.00	1.15
	C - R395 West	6.77	0.00	0.00

10:15 - 10:30

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	9.18
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	15.71	1.15	0.00

10:30 - 10:45

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	15.94
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	8.94	1.03	0.00

10:45 - 11:00

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	13.65
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	10.21	0.00	0.00

11:00 - 11:15

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	10.21
	B - Quarry Access	1.15	0.00	2.18
	C - R395 West	12.62	0.00	0.00

11:15 - 11:30

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	17.09
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	13.76	0.00	0.00

11:30 - 11:45

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	14.79
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	11.47	0.00	0.00

11:45 - 12:00

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	15.83
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	20.64	0.00	0.00

12:00 - 12:15

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	22.94
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	19.50	0.00	0.00

12:15 - 12:30

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	12.50
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	14.79	0.00	0.00

12:30 - 12:45

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	14.79
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	10.21	0.00	0.00

12:45 - 13:00

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	14.91
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	11.24	0.00	0.00

13:00 - 13:15

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	9.06
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	15.83	0.00	0.00

Demand (Veh/TS)

13:15 - 13:30

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	13.76
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	13.53	0.00	0.00

Demand (Veh/TS)

13:30 - 13:45

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	26.15
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	30.97	0.00	0.00

Demand (Veh/TS)

13:45 - 14:00

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	11.12
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	21.68	0.00	0.00

Demand (Veh/TS)

14:00 - 14:15

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	29.70
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	11.35	0.00	0.00

Demand (Veh/TS)

14:15 - 14:30

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	20.41
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	12.50	0.00	0.00

Demand (Veh/TS)

14:30 - 14:45

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	21.79
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	30.74	0.00	0.00

Demand (Veh/TS)

14:45 - 15:00

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	16.97
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	29.70	0.00	0.00

Demand (Veh/TS)

15:00 - 15:15

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	32.00
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	17.20	1.15	0.00

Demand (Veh/TS)

15:15 - 15:30

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	27.30
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	22.82	0.00	0.00

15:30 - 15:45

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	24.09
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	16.97	0.00	0.00

Demand (Veh/TS)

15:45 - 16:00

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	29.59
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	28.44	0.00	0.00

Demand (Veh/TS)

16:00 - 16:15

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	32.80
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	37.39	0.00	0.00

Demand (Veh/TS)

16:15 - 16:30

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	16.06
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	11.47	0.00	0.00

Demand (Veh/TS)

16:30 - 16:45

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	35.32
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	17.09	0.00	0.00

Demand (Veh/TS)

16:45 - 17:00

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	22.71
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	18.35	0.00	0.00

Demand (Veh/TS)

17:00 - 17:15

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	17.20
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	18.35	0.00	0.00

Demand (Veh/TS)

17:15 - 17:30

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	29.36
	B - Quarry Access	0.00	0.00	1.15
	C - R395 West	17.09	0.00	0.00

Demand (Veh/TS)

17:30 - 17:45

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	26.03
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	22.94	1.15	0.00

Demand (Veh/TS)

17:45 - 18:00

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	18.24
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	29.70	0.00	0.00

18:00 - 18:15

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	11.47
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	17.09	0.00	0.00

Demand (Veh/TS)

18:15 - 18:30

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	19.50
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	14.79	0.00	0.00

Demand (Veh/TS)

18:30 - 18:45

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	20.64
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	5.73	0.00	0.00

Demand (Veh/TS)

18:45 - 19:00

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	16.06
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	18.12	0.00	0.00

Vehicle Mix

Heavy Vehicle Percentages

07:00 - 07:15

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	0
	B - Quarry Access	0	0	0
	C - R395 West	11	0	0

Heavy Vehicle Percentages

07:15 - 07:30

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	9
	B - Quarry Access	0	0	0
	C - R395 West	31	0	0

Heavy Vehicle Percentages

07:30 - 07:45

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	28
	B - Quarry Access	0	0	0
	C - R395 West	23	0	0

Heavy Vehicle Percentages

07:45 - 08:00

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	11
	B - Quarry Access	0	0	0
	C - R395 West	10	0	0

Heavy Vehicle Percentages

08:00 - 08:15

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	8
	B - Quarry Access	0	0	0
	C - R395 West	23	0	0

08:15 - 08:30

Heavy Vehicle Percentages

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	0
	B - Quarry Access	0	0	0
	C - R395 West	5	0	0

Heavy Vehicle Percentages

08:30 - 08:45

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	17
	B - Quarry Access	0	0	0
	C - R395 West	14	0	0

Heavy Vehicle Percentages

08:45 - 09:00

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	0
	B - Quarry Access	0	0	0
	C - R395 West	11	0	0

Heavy Vehicle Percentages

09:00 - 09:15

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	5
	B - Quarry Access	0	0	0
	C - R395 West	5	0	0

Heavy Vehicle Percentages

09:15 - 09:30

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	11
	B - Quarry Access	0	0	0
	C - R395 West	10	0	0

Heavy Vehicle Percentages

09:30 - 09:45

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	0
	B - Quarry Access	0	0	0
	C - R395 West	10	0	0

Heavy Vehicle Percentages

09:45 - 10:00

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	12
	B - Quarry Access	0	0	0
	C - R395 West	15	0	0

Heavy Vehicle Percentages

10:00 - 10:15

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	11
	B - Quarry Access	0	0	0
	C - R395 West	15	0	0

Heavy Vehicle Percentages

10:15 - 10:30

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	0
	B - Quarry Access	0	0	0
	C - R395 West	20	0	0

Heavy Vehicle Percentages

10:30 - 10:45

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	6
	B - Quarry Access	0	0	0
	C - R395 West	23	100	0

10:45 - 11:00

Heavy Vehicle Percentages

Westmeath County Council Planning Authority - Inspection Purposes Only!

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	8
	B - Quarry Access	0	0	0
	C - R395 West	10	0	0

Heavy Vehicle Percentages

11:00 - 11:15

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	10
	B - Quarry Access	0	0	47
	C - R395 West	0	0	0

Heavy Vehicle Percentages

11:15 - 11:30

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	6
	B - Quarry Access	0	0	0
	C - R395 West	0	0	0

Heavy Vehicle Percentages

11:30 - 11:45

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	7
	B - Quarry Access	0	0	0
	C - R395 West	0	0	0

Heavy Vehicle Percentages

11:45 - 12:00

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	13
	B - Quarry Access	0	0	0
	C - R395 West	0	0	0

Heavy Vehicle Percentages

12:00 - 12:15

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	0
	B - Quarry Access	0	0	0
	C - R395 West	0	0	0

Heavy Vehicle Percentages

12:15 - 12:30

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	8
	B - Quarry Access	0	0	0
	C - R395 West	7	0	0

Heavy Vehicle Percentages

12:30 - 12:45

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	7
	B - Quarry Access	0	0	0
	C - R395 West	10	0	0

Heavy Vehicle Percentages

12:45 - 13:00

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	0
	B - Quarry Access	0	0	0
	C - R395 West	18	0	0

Heavy Vehicle Percentages

13:00 - 13:15

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	11
	B - Quarry Access	0	0	0
	C - R395 West	13	0	0

13:15 - 13:30

Heavy Vehicle Percentages

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	0
	B - Quarry Access	0	0	0
	C - R395 West	15	0	0

Heavy Vehicle Percentages

13:30 - 13:45

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	8
	B - Quarry Access	0	0	0
	C - R395 West	0	0	0

Heavy Vehicle Percentages

13:45 - 14:00

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	28
	B - Quarry Access	0	0	0
	C - R395 West	5	0	0

Heavy Vehicle Percentages

14:00 - 14:15

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	3
	B - Quarry Access	0	0	0
	C - R395 West	9	0	0

Heavy Vehicle Percentages

14:15 - 14:30

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	10
	B - Quarry Access	0	0	0
	C - R395 West	8	0	0

Heavy Vehicle Percentages

14:30 - 14:45

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	0
	B - Quarry Access	0	0	0
	C - R395 West	7	0	0

Heavy Vehicle Percentages

14:45 - 15:00

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	12
	B - Quarry Access	0	0	0
	C - R395 West	3	0	0

Heavy Vehicle Percentages

15:00 - 15:15

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	3
	B - Quarry Access	0	0	0
	C - R395 West	0	0	0

Heavy Vehicle Percentages

15:15 - 15:30

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	8
	B - Quarry Access	0	0	0
	C - R395 West	5	0	0

Heavy Vehicle Percentages

15:30 - 15:45

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	0
	B - Quarry Access	0	0	0
	C - R395 West	12	0	0

15:45 - 16:00

Heavy Vehicle Percentages

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	7
	B - Quarry Access	0	0	0
	C - R395 West	7	0	0

Heavy Vehicle Percentages

16:00 - 16:15

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	13
	B - Quarry Access	0	0	0
	C - R395 West	11	0	0

Heavy Vehicle Percentages

16:15 - 16:30

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	0
	B - Quarry Access	0	0	0
	C - R395 West	0	0	0

Heavy Vehicle Percentages

16:30 - 16:45

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	6
	B - Quarry Access	0	0	0
	C - R395 West	6	0	0

Heavy Vehicle Percentages

16:45 - 17:00

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	9
	B - Quarry Access	0	0	0
	C - R395 West	0	0	0

Heavy Vehicle Percentages

17:00 - 17:15

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	0
	B - Quarry Access	0	0	0
	C - R395 West	0	0	0

Heavy Vehicle Percentages

17:15 - 17:30

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	14
	B - Quarry Access	0	0	0
	C - R395 West	6	0	0

Heavy Vehicle Percentages

17:30 - 17:45

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	12
	B - Quarry Access	0	0	0
	C - R395 West	0	0	0

Heavy Vehicle Percentages

17:45 - 18:00

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	6
	B - Quarry Access	0	0	0
	C - R395 West	3	0	0

Heavy Vehicle Percentages

18:00 - 18:15

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	0
	B - Quarry Access	0	0	0
	C - R395 West	6	0	0

18:15 - 18:30

Heavy Vehicle Percentages

		To		
From		A - R395 East	B - Quarry Access	C - R395 West
	A - R395 East	0	0	0
	B - Quarry Access	0	0	0
	C - R395 West	7	0	0

Heavy Vehicle Percentages

18:30 - 18:45

		To		
From		A - R395 East	B - Quarry Access	C - R395 West
	A - R395 East	0	0	0
	B - Quarry Access	0	0	0
	C - R395 West	0	0	0

Heavy Vehicle Percentages

18:45 - 19:00

		To		
From		A - R395 East	B - Quarry Access	C - R395 West
	A - R395 East	0	0	0
	B - Quarry Access	0	0	0
	C - R395 West	11	0	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (Veh)	Max LOS	Average Demand (Veh/TS)	Total Junction Arrivals (Veh)
B-C	0.02	7.27	0.0	A	0.12	5.62
B-A	0.01	7.38	0.0	A	0.02	1.15
C-AB	0.02	10.67	0.0	B	0.18	8.87
C-A					17.28	829.26
A-B					0.00	0.00
A-C					18.57	891.35

Main Results for each time segment

07:00 - 07:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	172.16	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	132.79	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	148.93	0.000	0.00	0.0	0.0	0.000	A
C-A	9.06	9.06			9.06				
A-B	0.00	0.00			0.00				
A-C	2.29	2.29			2.29				

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-C	0.00	0.00	169.46	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	130.50	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	140.08	0.000	0.00	0.0	0.0	0.000	A
C-A	6.65	6.65			6.65				
A-B	0.00	0.00			0.00				
A-C	11.35	11.35			11.35				

07:30 - 07:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	168.97	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	128.82	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	139.09	0.000	0.00	0.0	0.0	0.000	A
C-A	13.42	13.42			13.42				
A-B	0.00	0.00			0.00				
A-C	11.12	11.12			11.12				

07:45 - 08:00

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	167.06	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	125.94	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	141.53	0.000	0.00	0.0	0.0	0.000	A
C-A	21.56	21.56			21.56				
A-B	0.00	0.00			0.00				
A-C	19.27	19.27			19.27				

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-C	0.00	0.00	169.15	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	128.13	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	140.94	0.000	0.00	0.0	0.0	0.000	A
C-A	17.89	17.89			17.89				
A-B	0.00	0.00			0.00				
A-C	12.50	12.50			12.50				

08:15 - 08:30

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	169.09	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	128.15	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	145.68	0.000	0.00	0.0	0.0	0.000	A
C-A	20.53	20.53			20.53				
A-B	0.00	0.00			0.00				
A-C	13.76	13.76			13.76				

08:30 - 08:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	168.90	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	126.92	0.000	0.00	0.0	0.0	0.000	A
C-AB	1.32	1.32	168.21	0.008	1.32	0.0	0.0	5.392	A
C-A	22.41	22.41			22.41				
A-B	0.00	0.00			0.00				
A-C	12.39	12.39			12.39				

08:45 - 09:00

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	167.55	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	126.94	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	150.43	0.000	0.01	0.0	0.0	0.000	A
C-A	18.12	18.12			18.12				
A-B	0.00	0.00			0.00				
A-C	19.50	19.50			19.50				

09:00 - 09:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	167.00	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	126.39	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	146.16	0.000	0.00	0.0	0.0	0.000	A
C-A	19.38	19.38			19.38				
A-B	0.00	0.00			0.00				
A-C	20.53	20.53			20.53				

09:15 - 09:30

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	164.67	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	123.72	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	143.90	0.000	0.00	0.0	0.0	0.000	A
C-A	21.56	21.56			21.56				
A-B	0.00	0.00			0.00				
A-C	27.18	27.18			27.18				

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-C	0.00	0.00	168.17	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	128.91	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	146.66	0.000	0.00	0.0	0.0	0.000	A
C-A	10.21	10.21			10.21				
A-B	0.00	0.00			0.00				
A-C	17.20	17.20			17.20				

09:45 - 10:00

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	1.15	1.15	167.52	0.007	1.14	0.0	0.0	5.409	A
B-A	0.00	0.00	112.18	0.000	0.00	0.0	0.0	0.000	A
C-AB	2.50	2.50	161.53	0.016	2.49	0.0	0.0	5.669	A
C-A	13.32	13.32			13.32				
A-B	0.00	0.00			0.00				
A-C	16.97	16.97			16.97				

10:00 - 10:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	1.15	1.15	167.21	0.007	1.15	0.0	0.0	5.418	A
B-A	0.00	0.00	113.72	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	155.34	0.000	0.02	0.0	0.0	5.765	A
C-A	6.77	6.77			6.77				
A-B	0.00	0.00			0.00				
A-C	18.12	18.12			18.12				

10:15 - 10:30

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	170.16	0.000	0.01	0.0	0.0	0.000	A
B-A	0.00	0.00	114.26	0.000	0.00	0.0	0.0	0.000	A
C-AB	1.27	1.27	164.92	0.008	1.26	0.0	0.0	5.499	A
C-A	15.59	15.59			15.59				
A-B	0.00	0.00			0.00				
A-C	9.18	9.18			9.18				

10:30 - 10:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	168.23	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	128.26	0.000	0.00	0.0	0.0	0.000	A
C-AB	1.16	1.16	84.26	0.014	1.15	0.0	0.0	8.172	A
C-A	8.82	8.82			8.82				
A-B	0.00	0.00			0.00				
A-C	15.94	15.94			15.94				

10:45 - 11:00

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	168.84	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	129.53	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	88.37	0.000	0.01	0.0	0.0	10.669	B
C-A	10.21	10.21			10.21				
A-B	0.00	0.00			0.00				
A-C	13.65	13.65			13.65				

11:00 - 11:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	2.18	2.18	121.28	0.018	2.16	0.0	0.0	6.704	A
B-A	1.15	1.15	123.00	0.009	1.14	0.0	0.0	7.385	A
C-AB	0.00	0.00	140.97	0.000	0.00	0.0	0.0	0.000	A
C-A	12.62	12.62			12.62				
A-B	0.00	0.00			0.00				
A-C	10.21	10.21			10.21				

11:15 - 11:30

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	119.72	0.000	0.02	0.0	0.0	0.000	A
B-A	0.00	0.00	121.80	0.000	0.01	0.0	0.0	0.000	A
C-AB	0.00	0.00	142.80	0.000	0.00	0.0	0.0	0.000	A
C-A	13.76	13.76			13.76				
A-B	0.00	0.00			0.00				
A-C	17.09	17.09			17.09				

11:30 - 11:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	150.70	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	129.21	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	148.51	0.000	0.00	0.0	0.0	0.000	A
C-A	11.47	11.47			11.47				
A-B	0.00	0.00			0.00				
A-C	14.79	14.79			14.79				

11:45 - 12:00

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	158.60	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	127.27	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	150.76	0.000	0.00	0.0	0.0	0.000	A
C-A	20.64	20.64			20.64				
A-B	0.00	0.00			0.00				
A-C	15.83	15.83			15.83				

12:00 - 12:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	161.84	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	126.19	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	150.94	0.000	0.00	0.0	0.0	0.000	A
C-A	19.50	19.50			19.50				
A-B	0.00	0.00			0.00				
A-C	22.94	22.94			22.94				

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-C	0.00	0.00	166.68	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	129.10	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	151.31	0.000	0.00	0.0	0.0	0.000	A
C-A	14.79	14.79			14.79				
A-B	0.00	0.00			0.00				
A-C	12.50	12.50			12.50				

12:30 - 12:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	167.30	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	129.25	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	148.69	0.000	0.00	0.0	0.0	0.000	A
C-A	10.21	10.21			10.21				
A-B	0.00	0.00			0.00				
A-C	14.79	14.79			14.79				

12:45 - 13:00

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	168.16	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	129.15	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	145.03	0.000	0.00	0.0	0.0	0.000	A
C-A	11.24	11.24			11.24				
A-B	0.00	0.00			0.00				
A-C	14.91	14.91			14.91				

13:00 - 13:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	169.76	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	129.63	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	146.06	0.000	0.00	0.0	0.0	0.000	A
C-A	15.83	15.83			15.83				
A-B	0.00	0.00			0.00				
A-C	9.06	9.06			9.06				

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-C	0.00	0.00	168.93	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	129.08	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	144.43	0.000	0.00	0.0	0.0	0.000	A
C-A	13.53	13.53			13.53				
A-B	0.00	0.00			0.00				
A-C	13.76	13.76			13.76				

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-C	0.00	0.00	165.14	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	123.09	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	145.92	0.000	0.00	0.0	0.0	0.000	A
C-A	30.97	30.97			30.97				
A-B	0.00	0.00			0.00				
A-C	26.15	26.15			26.15				

13:45 - 14:00

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	168.93	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	127.86	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	150.06	0.000	0.00	0.0	0.0	0.000	A
C-A	21.68	21.68			21.68				
A-B	0.00	0.00			0.00				
A-C	11.12	11.12			11.12				

14:00 - 14:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	164.52	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	125.36	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	145.01	0.000	0.00	0.0	0.0	0.000	A
C-A	11.35	11.35			11.35				
A-B	0.00	0.00			0.00				
A-C	29.70	29.70			29.70				

14:15 - 14:30

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	166.74	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	127.24	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	146.69	0.000	0.00	0.0	0.0	0.000	A
C-A	12.50	12.50			12.50				
A-B	0.00	0.00			0.00				
A-C	20.41	20.41			20.41				

14:30 - 14:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	166.93	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	124.40	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	147.26	0.000	0.00	0.0	0.0	0.000	A
C-A	30.74	30.74			30.74				
A-B	0.00	0.00			0.00				
A-C	21.79	21.79			21.79				

14:45 - 15:00

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	167.67	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	125.40	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	149.29	0.000	0.00	0.0	0.0	0.000	A
C-A	29.70	29.70			29.70				
A-B	0.00	0.00			0.00				
A-C	16.97	16.97			16.97				

15:00 - 15:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	163.93	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	123.63	0.000	0.00	0.0	0.0	0.000	A
C-AB	1.28	1.28	161.36	0.008	1.28	0.0	0.0	5.622	A
C-A	17.07	17.07			17.07				
A-B	0.00	0.00			0.00				
A-C	32.00	32.00			32.00				

15:15 - 15:30

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	164.91	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	123.91	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	150.78	0.000	0.01	0.0	0.0	0.000	A
C-A	22.82	22.82			22.82				
A-B	0.00	0.00			0.00				
A-C	27.30	27.30			27.30				

15:30 - 15:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	166.32	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	125.98	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	146.78	0.000	0.00	0.0	0.0	0.000	A
C-A	16.97	16.97			16.97				
A-B	0.00	0.00			0.00				
A-C	24.09	24.09			24.09				

15:45 - 16:00

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	164.30	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	122.30	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	144.98	0.000	0.00	0.0	0.0	0.000	A
C-A	28.44	28.44			28.44				
A-B	0.00	0.00			0.00				
A-C	29.59	29.59			29.59				

16:00 - 16:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	162.89	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	119.27	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	142.42	0.000	0.00	0.0	0.0	0.000	A
C-A	37.39	37.39			37.39				
A-B	0.00	0.00			0.00				
A-C	32.80	32.80			32.80				

16:15 - 16:30

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	168.47	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	129.16	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	150.60	0.000	0.00	0.0	0.0	0.000	A
C-A	11.47	11.47			11.47				
A-B	0.00	0.00			0.00				
A-C	16.06	16.06			16.06				

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-C	0.00	0.00	162.76	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	122.82	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	144.97	0.000	0.00	0.0	0.0	0.000	A
C-A	17.09	17.09			17.09				
A-B	0.00	0.00			0.00				
A-C	35.32	35.32			35.32				

16:45 - 17:00

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	166.14	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	125.91	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	149.92	0.000	0.00	0.0	0.0	0.000	A
C-A	18.35	18.35			18.35				
A-B	0.00	0.00			0.00				
A-C	22.71	22.71			22.71				

17:00 - 17:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	168.17	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	127.79	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	152.74	0.000	0.00	0.0	0.0	0.000	A
C-A	18.35	18.35			18.35				
A-B	0.00	0.00			0.00				
A-C	17.20	17.20			17.20				

17:15 - 17:30

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	1.15	1.15	163.65	0.007	1.14	0.0	0.0	7.271	A
B-A	0.00	0.00	109.38	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	147.06	0.000	0.00	0.0	0.0	0.000	A
C-A	17.09	17.09			17.09				
A-B	0.00	0.00			0.00				
A-C	29.36	29.36			29.36				

17:30 - 17:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	164.82	0.000	0.01	0.0	0.0	0.000	A
B-A	0.00	0.00	109.31	0.000	0.00	0.0	0.0	0.000	A
C-AB	1.33	1.33	166.09	0.008	1.32	0.0	0.0	5.462	A
C-A	22.75	22.75			22.75				
A-B	0.00	0.00			0.00				
A-C	26.03	26.03			26.03				

17:45 - 18:00

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	167.61	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	125.34	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	153.25	0.000	0.01	0.0	0.0	0.000	A
C-A	29.70	29.70			29.70				
A-B	0.00	0.00			0.00				
A-C	18.24	18.24			18.24				

18:00 - 18:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	169.70	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	129.26	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	152.20	0.000	0.00	0.0	0.0	0.000	A
C-A	17.09	17.09			17.09				
A-B	0.00	0.00			0.00				
A-C	11.47	11.47			11.47				

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-C	0.00	0.00	167.55	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	127.62	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	149.15	0.000	0.00	0.0	0.0	0.000	A
C-A	14.79	14.79			14.79				
A-B	0.00	0.00			0.00				
A-C	19.50	19.50			19.50				

18:30 - 18:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	167.24	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	128.91	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	150.87	0.000	0.00	0.0	0.0	0.000	A
C-A	5.73	5.73			5.73				
A-B	0.00	0.00			0.00				
A-C	20.64	20.64			20.64				

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-C	0.00	0.00	168.47	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	127.79	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	148.79	0.000	0.00	0.0	0.0	0.000	A
C-A	18.12	18.12			18.12				
A-B	0.00	0.00			0.00				
A-C	16.06	16.06			16.06				

+5+Adj, 12hrs

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	Quarry Access	T-Junction	Two-way		0.09	A

Junction Network Options

Driving side	Lighting
Left	Normal/unknown

Traffic Demand

Demand Set Details

ID	Scenario name	Time Period 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	+5+Adj	12hrs	DIRECT	07:00	19:00	720	15	✓	Simple	D3+D6

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 - R395 East		DIRECT	✓	100.000
B - Quarry Access		DIRECT	✓	100.000
C - R395 West		DIRECT	✓	100.000

Origin-Destination Data

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
07:00 - 07:15	From			
	A - R395 East	0.00	0.00	2.48
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	9.90	0.00	0.00

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
07:15 - 07:30	From			
	A - R395 East	0.00	0.00	12.39
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	7.38	0.00	0.00

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
07:30 - 07:45	From			
	A - R395 East	0.00	0.00	12.31
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	14.80	0.00	0.00

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
07:45 - 08:00	From			
	A - R395 East	0.00	0.00	21.04
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	23.53	0.00	0.00

08:00 - 08:15

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	13.63
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	19.73	0.00	0.00

08:15 - 08:30

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	14.91
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	22.32	0.00	0.00

08:30 - 08:45

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	13.59
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	24.73	1.24	0.00

08:45 - 09:00

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	21.12
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	19.80	0.00	0.00

09:00 - 09:15

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	22.32
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	21.08	0.00	0.00

09:15 - 09:30

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	29.70
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	23.53	0.00	0.00

09:30 - 09:45

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	18.63
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	11.14	0.00	0.00

09:45 - 10:00

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	18.56
	B - Quarry Access	0.00	0.00	1.24
	C - R395 West	14.83	2.48	0.00

10:00 - 10:15

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	19.80
	B - Quarry Access	0.00	0.00	1.24
	C - R395 West	7.42	0.00	0.00

10:15 - 10:30

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	9.94
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	17.28	1.24	0.00

10:30 - 10:45

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	17.35
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	9.86	1.21	0.00

10:45 - 11:00

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	14.87
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	11.14	0.00	0.00

11:00 - 11:15

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	11.14
	B - Quarry Access	1.24	0.00	2.45
	C - R395 West	13.66	0.00	0.00

11:15 - 11:30

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	18.60
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	14.91	0.00	0.00

11:30 - 11:45

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	16.11
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	12.42	0.00	0.00

11:45 - 12:00

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	17.32
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	22.36	0.00	0.00

12:00 - 12:15

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	24.85
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	21.12	0.00	0.00

12:15 - 12:30

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	13.63
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	16.11	0.00	0.00

12:30 - 12:45

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	16.11
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	11.14	0.00	0.00

12:45 - 13:00

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	16.15
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	12.35	0.00	0.00

13:00 - 13:15

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	9.90
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	17.32	0.00	0.00

Demand (Veh/TS)

13:15 - 13:30

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	14.91
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	14.83	0.00	0.00

Demand (Veh/TS)

13:30 - 13:45

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	28.50
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	33.54	0.00	0.00

Demand (Veh/TS)

13:45 - 14:00

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	12.31
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	23.57	0.00	0.00

Demand (Veh/TS)

14:00 - 14:15

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	32.26
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	12.39	0.00	0.00

Demand (Veh/TS)

14:15 - 14:30

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	22.29
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	13.63	0.00	0.00

Demand (Veh/TS)

14:30 - 14:45

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	23.60
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	33.47	0.00	0.00

Demand (Veh/TS)

14:45 - 15:00

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	18.56
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	32.26	0.00	0.00

Demand (Veh/TS)

15:00 - 15:15

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	34.75
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	18.63	1.24	0.00

Demand (Veh/TS)

15:15 - 15:30

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	29.74
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	24.81	0.00	0.00

15:30 - 15:45

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	26.09
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	18.56	0.00	0.00

Demand (Veh/TS)

15:45 - 16:00

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	32.22
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	30.98	0.00	0.00

Demand (Veh/TS)

16:00 - 16:15

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	35.88
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	40.85	0.00	0.00

Demand (Veh/TS)

16:15 - 16:30

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	17.39
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	12.42	0.00	0.00

Demand (Veh/TS)

16:30 - 16:45

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	38.44
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	18.60	0.00	0.00

Demand (Veh/TS)

16:45 - 17:00

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	24.77
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	19.88	0.00	0.00

Demand (Veh/TS)

17:00 - 17:15

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	18.63
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	19.88	0.00	0.00

Demand (Veh/TS)

17:15 - 17:30

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	32.15
	B - Quarry Access	0.00	0.00	1.24
	C - R395 West	18.60	0.00	0.00

Demand (Veh/TS)

17:30 - 17:45

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	28.46
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	24.85	1.24	0.00

Demand (Veh/TS)

17:45 - 18:00

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	19.84
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	32.26	0.00	0.00

18:00 - 18:15

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	12.42
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	18.60	0.00	0.00

Demand (Veh/TS)

18:15 - 18:30

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	21.12
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	16.11	0.00	0.00

Demand (Veh/TS)

18:30 - 18:45

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	22.36
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	6.21	0.00	0.00

Demand (Veh/TS)

18:45 - 19:00

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	17.39
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	19.80	0.00	0.00

Vehicle Mix

Heavy Vehicle Percentages

07:00 - 07:15

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	0
	B - Quarry Access	0	0	0
	C - R395 West	12	0	0

Heavy Vehicle Percentages

07:15 - 07:30

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	10
	B - Quarry Access	0	0	0
	C - R395 West	33	0	0

Heavy Vehicle Percentages

07:30 - 07:45

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	29
	B - Quarry Access	0	0	0
	C - R395 West	24	0	0

Heavy Vehicle Percentages

07:45 - 08:00

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	11
	B - Quarry Access	0	0	0
	C - R395 West	10	0	0

Heavy Vehicle Percentages

08:00 - 08:15

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	9
	B - Quarry Access	0	0	0
	C - R395 West	24	0	0

08:15 - 08:30

Heavy Vehicle Percentages

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	0
	B - Quarry Access	0	0	0
	C - R395 West	5	0	0

Heavy Vehicle Percentages

08:30 - 08:45

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	18
	B - Quarry Access	0	0	0
	C - R395 West	15	0	0

Heavy Vehicle Percentages

08:45 - 09:00

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	0
	B - Quarry Access	0	0	0
	C - R395 West	12	0	0

Heavy Vehicle Percentages

09:00 - 09:15

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	5
	B - Quarry Access	0	0	0
	C - R395 West	6	0	0

Heavy Vehicle Percentages

09:15 - 09:30

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	12
	B - Quarry Access	0	0	0
	C - R395 West	10	0	0

Heavy Vehicle Percentages

09:30 - 09:45

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	0
	B - Quarry Access	0	0	0
	C - R395 West	11	0	0

Heavy Vehicle Percentages

09:45 - 10:00

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	13
	B - Quarry Access	0	0	0
	C - R395 West	16	0	0

Heavy Vehicle Percentages

10:00 - 10:15

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	12
	B - Quarry Access	0	0	0
	C - R395 West	16	0	0

Heavy Vehicle Percentages

10:15 - 10:30

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	0
	B - Quarry Access	0	0	0
	C - R395 West	21	0	0

Heavy Vehicle Percentages

10:30 - 10:45

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	7
	B - Quarry Access	0	0	0
	C - R395 West	24	100	0

10:45 - 11:00

Heavy Vehicle Percentages

Westmeath County Council Planning Authority - Inspection Purposes Only!

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	8
	B - Quarry Access	0	0	0
	C - R395 West	11	0	0

Heavy Vehicle Percentages

11:00 - 11:15

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	11
	B - Quarry Access	0	0	49
	C - R395 West	0	0	0

Heavy Vehicle Percentages

11:15 - 11:30

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	6
	B - Quarry Access	0	0	0
	C - R395 West	0	0	0

Heavy Vehicle Percentages

11:30 - 11:45

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	7
	B - Quarry Access	0	0	0
	C - R395 West	0	0	0

Heavy Vehicle Percentages

11:45 - 12:00

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	14
	B - Quarry Access	0	0	0
	C - R395 West	0	0	0

Heavy Vehicle Percentages

12:00 - 12:15

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	0
	B - Quarry Access	0	0	0
	C - R395 West	0	0	0

Heavy Vehicle Percentages

12:15 - 12:30

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	9
	B - Quarry Access	0	0	0
	C - R395 West	7	0	0

Heavy Vehicle Percentages

12:30 - 12:45

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	7
	B - Quarry Access	0	0	0
	C - R395 West	11	0	0

Heavy Vehicle Percentages

12:45 - 13:00

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	0
	B - Quarry Access	0	0	0
	C - R395 West	20	0	0

Heavy Vehicle Percentages

13:00 - 13:15

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	12
	B - Quarry Access	0	0	0
	C - R395 West	14	0	0

13:15 - 13:30

Heavy Vehicle Percentages

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	0
	B - Quarry Access	0	0	0
	C - R395 West	16	0	0

Heavy Vehicle Percentages

13:30 - 13:45

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	8
	B - Quarry Access	0	0	0
	C - R395 West	0	0	0

Heavy Vehicle Percentages

13:45 - 14:00

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	29
	B - Quarry Access	0	0	0
	C - R395 West	5	0	0

Heavy Vehicle Percentages

14:00 - 14:15

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	4
	B - Quarry Access	0	0	0
	C - R395 West	10	0	0

Heavy Vehicle Percentages

14:15 - 14:30

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	11
	B - Quarry Access	0	0	0
	C - R395 West	9	0	0

Heavy Vehicle Percentages

14:30 - 14:45

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	0
	B - Quarry Access	0	0	0
	C - R395 West	7	0	0

Heavy Vehicle Percentages

14:45 - 15:00

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	13
	B - Quarry Access	0	0	0
	C - R395 West	4	0	0

Heavy Vehicle Percentages

15:00 - 15:15

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	3
	B - Quarry Access	0	0	0
	C - R395 West	0	0	0

Heavy Vehicle Percentages

15:15 - 15:30

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	8
	B - Quarry Access	0	0	0
	C - R395 West	5	0	0

Heavy Vehicle Percentages

15:30 - 15:45

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	0
	B - Quarry Access	0	0	0
	C - R395 West	13	0	0

15:45 - 16:00

Heavy Vehicle Percentages

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	7
	B - Quarry Access	0	0	0
	C - R395 West	8	0	0

Heavy Vehicle Percentages

16:00 - 16:15

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	13
	B - Quarry Access	0	0	0
	C - R395 West	12	0	0

Heavy Vehicle Percentages

16:15 - 16:30

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	0
	B - Quarry Access	0	0	0
	C - R395 West	0	0	0

Heavy Vehicle Percentages

16:30 - 16:45

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	6
	B - Quarry Access	0	0	0
	C - R395 West	6	0	0

Heavy Vehicle Percentages

16:45 - 17:00

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	10
	B - Quarry Access	0	0	0
	C - R395 West	0	0	0

Heavy Vehicle Percentages

17:00 - 17:15

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	0
	B - Quarry Access	0	0	0
	C - R395 West	0	0	0

Heavy Vehicle Percentages

17:15 - 17:30

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	15
	B - Quarry Access	0	0	0
	C - R395 West	6	0	0

Heavy Vehicle Percentages

17:30 - 17:45

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	13
	B - Quarry Access	0	0	0
	C - R395 West	0	0	0

Heavy Vehicle Percentages

17:45 - 18:00

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	6
	B - Quarry Access	0	0	0
	C - R395 West	4	0	0

Heavy Vehicle Percentages

18:00 - 18:15

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	0
	B - Quarry Access	0	0	0
	C - R395 West	6	0	0

18:15 - 18:30

Heavy Vehicle Percentages

		To		
From		A - R395 East	B - Quarry Access	C - R395 West
	A - R395 East	0	0	0
	B - Quarry Access	0	0	0
	C - R395 West	7	0	0

Heavy Vehicle Percentages

18:30 - 18:45

		To		
From		A - R395 East	B - Quarry Access	C - R395 West
	A - R395 East	0	0	0
	B - Quarry Access	0	0	0
	C - R395 West	0	0	0

Heavy Vehicle Percentages

18:45 - 19:00

		To		
From		A - R395 East	B - Quarry Access	C - R395 West
	A - R395 East	0	0	0
	B - Quarry Access	0	0	0
	C - R395 West	12	0	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (Veh)	Max LOS	Average Demand (Veh/TS)	Total Junction Arrivals (Veh)
B-C	0.02	7.41	0.0	A	0.13	6.17
B-A	0.01	7.43	0.0	A	0.03	1.24
C-AB	0.02	10.61	0.0	B	0.20	9.81
C-A					18.82	903.44
A-B					0.00	0.00
A-C					20.22	970.55

Main Results for each time segment

07:00 - 07:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	172.11	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	132.58	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	148.33	0.000	0.00	0.0	0.0	0.000	A
C-A	9.90	9.90			9.90				
A-B	0.00	0.00			0.00				
A-C	2.48	2.48			2.48				

07:15 - 07:30

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	169.13	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	130.03	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	139.05	0.000	0.00	0.0	0.0	0.000	A
C-A	7.38	7.38			7.38				
A-B	0.00	0.00			0.00				
A-C	12.39	12.39			12.39				

07:30 - 07:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	168.51	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	128.10	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	137.91	0.000	0.00	0.0	0.0	0.000	A
C-A	14.80	14.80			14.80				
A-B	0.00	0.00			0.00				
A-C	12.31	12.31			12.31				

07:45 - 08:00

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	166.49	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	125.05	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	140.41	0.000	0.00	0.0	0.0	0.000	A
C-A	23.53	23.53			23.53				
A-B	0.00	0.00			0.00				
A-C	21.04	21.04			21.04				

08:00 - 08:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	168.80	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	127.41	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	139.90	0.000	0.00	0.0	0.0	0.000	A
C-A	19.73	19.73			19.73				
A-B	0.00	0.00			0.00				
A-C	13.63	13.63			13.63				

08:15 - 08:30

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	168.78	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	127.56	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	144.89	0.000	0.00	0.0	0.0	0.000	A
C-A	22.32	22.32			22.32				
A-B	0.00	0.00			0.00				
A-C	14.91	14.91			14.91				

08:30 - 08:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	168.49	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	126.09	0.000	0.00	0.0	0.0	0.000	A
C-AB	1.46	1.46	169.08	0.009	1.45	0.0	0.0	5.368	A
C-A	24.52	24.52			24.52				
A-B	0.00	0.00			0.00				
A-C	13.59	13.59			13.59				

08:45 - 09:00

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	167.12	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	126.21	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	149.60	0.000	0.01	0.0	0.0	0.000	A
C-A	19.80	19.80			19.80				
A-B	0.00	0.00			0.00				
A-C	21.12	21.12			21.12				

09:00 - 09:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	166.47	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	125.61	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	145.27	0.000	0.00	0.0	0.0	0.000	A
C-A	21.08	21.08			21.08				
A-B	0.00	0.00			0.00				
A-C	22.32	22.32			22.32				

09:15 - 09:30

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	163.85	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	122.60	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	142.75	0.000	0.00	0.0	0.0	0.000	A
C-A	23.53	23.53			23.53				
A-B	0.00	0.00			0.00				
A-C	29.70	29.70			29.70				

09:30 - 09:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	167.78	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	128.38	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	145.85	0.000	0.00	0.0	0.0	0.000	A
C-A	11.14	11.14			11.14				
A-B	0.00	0.00			0.00				
A-C	18.63	18.63			18.63				

09:45 - 10:00

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	1.24	1.24	167.00	0.007	1.23	0.0	0.0	5.428	A
B-A	0.00	0.00	111.47	0.000	0.00	0.0	0.0	0.000	A
C-AB	2.74	2.74	161.81	0.017	2.72	0.0	0.0	5.669	A
C-A	14.58	14.58			14.58				
A-B	0.00	0.00			0.00				
A-C	18.56	18.56			18.56				

10:00 - 10:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	1.24	1.24	166.67	0.007	1.24	0.0	0.0	5.439	A
B-A	0.00	0.00	113.16	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	154.94	0.000	0.02	0.0	0.0	5.773	A
C-A	7.42	7.42			7.42				
A-B	0.00	0.00			0.00				
A-C	19.80	19.80			19.80				

10:15 - 10:30

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	169.95	0.000	0.01	0.0	0.0	0.000	A
B-A	0.00	0.00	113.77	0.000	0.00	0.0	0.0	0.000	A
C-AB	1.39	1.39	165.59	0.008	1.38	0.0	0.0	5.480	A
C-A	17.14	17.14			17.14				
A-B	0.00	0.00			0.00				
A-C	9.94	9.94			9.94				

10:30 - 10:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	167.80	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	127.55	0.000	0.00	0.0	0.0	0.000	A
C-AB	1.37	1.37	84.76	0.016	1.36	0.0	0.0	8.254	A
C-A	9.70	9.70			9.70				
A-B	0.00	0.00			0.00				
A-C	17.35	17.35			17.35				

10:45 - 11:00

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	168.47	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	129.00	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	89.13	0.000	0.02	0.0	0.0	10.606	B
C-A	11.14	11.14			11.14				
A-B	0.00	0.00			0.00				
A-C	14.87	14.87			14.87				

11:00 - 11:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	2.45	2.45	119.75	0.020	2.43	0.0	0.0	6.803	A
B-A	1.24	1.24	122.29	0.010	1.23	0.0	0.0	7.433	A
C-AB	0.00	0.00	139.82	0.000	0.00	0.0	0.0	0.000	A
C-A	13.66	13.66			13.66				
A-B	0.00	0.00			0.00				
A-C	11.14	11.14			11.14				

11:15 - 11:30

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	118.19	0.000	0.02	0.0	0.0	0.000	A
B-A	0.00	0.00	120.89	0.000	0.01	0.0	0.0	0.000	A
C-AB	0.00	0.00	142.30	0.000	0.00	0.0	0.0	0.000	A
C-A	14.91	14.91			14.91				
A-B	0.00	0.00			0.00				
A-C	18.60	18.60			18.60				

11:30 - 11:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	149.71	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	128.69	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	148.10	0.000	0.00	0.0	0.0	0.000	A
C-A	12.42	12.42			12.42				
A-B	0.00	0.00			0.00				
A-C	16.11	16.11			16.11				

11:45 - 12:00

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	157.78	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	126.54	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	150.28	0.000	0.00	0.0	0.0	0.000	A
C-A	22.36	22.36			22.36				
A-B	0.00	0.00			0.00				
A-C	17.32	17.32			17.32				

12:00 - 12:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	161.16	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	125.46	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	150.46	0.000	0.00	0.0	0.0	0.000	A
C-A	21.12	21.12			21.12				
A-B	0.00	0.00			0.00				
A-C	24.85	24.85			24.85				

12:15 - 12:30

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	166.24	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	128.54	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	150.80	0.000	0.00	0.0	0.0	0.000	A
C-A	16.11	16.11			16.11				
A-B	0.00	0.00			0.00				
A-C	13.63	13.63			13.63				

12:30 - 12:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	166.85	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	128.70	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	147.99	0.000	0.00	0.0	0.0	0.000	A
C-A	11.14	11.14			11.14				
A-B	0.00	0.00			0.00				
A-C	16.11	16.11			16.11				

12:45 - 13:00

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	167.80	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	128.62	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	144.18	0.000	0.00	0.0	0.0	0.000	A
C-A	12.35	12.35			12.35				
A-B	0.00	0.00			0.00				
A-C	16.15	16.15			16.15				

13:00 - 13:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	169.47	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	129.09	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	145.24	0.000	0.00	0.0	0.0	0.000	A
C-A	17.32	17.32			17.32				
A-B	0.00	0.00			0.00				
A-C	9.90	9.90			9.90				

13:15 - 13:30

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	168.62	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	128.54	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	143.54	0.000	0.00	0.0	0.0	0.000	A
C-A	14.83	14.83			14.83				
A-B	0.00	0.00			0.00				
A-C	14.91	14.91			14.91				

13:30 - 13:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	164.42	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	122.01	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	144.96	0.000	0.00	0.0	0.0	0.000	A
C-A	33.54	33.54			33.54				
A-B	0.00	0.00			0.00				
A-C	28.50	28.50			28.50				

13:45 - 14:00

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	168.47	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	127.11	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	149.36	0.000	0.00	0.0	0.0	0.000	A
C-A	23.57	23.57			23.57				
A-B	0.00	0.00			0.00				
A-C	12.31	12.31			12.31				

14:00 - 14:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	163.79	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	124.50	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	144.00	0.000	0.00	0.0	0.0	0.000	A
C-A	12.39	12.39			12.39				
A-B	0.00	0.00			0.00				
A-C	32.26	32.26			32.26				

14:15 - 14:30

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	166.15	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	126.48	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	145.78	0.000	0.00	0.0	0.0	0.000	A
C-A	13.63	13.63			13.63				
A-B	0.00	0.00			0.00				
A-C	22.29	22.29			22.29				

14:30 - 14:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	166.45	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	123.46	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	146.46	0.000	0.00	0.0	0.0	0.000	A
C-A	33.47	33.47			33.47				
A-B	0.00	0.00			0.00				
A-C	23.60	23.60			23.60				

14:45 - 15:00

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	167.15	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	124.50	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	148.54	0.000	0.00	0.0	0.0	0.000	A
C-A	32.26	32.26			32.26				
A-B	0.00	0.00			0.00				
A-C	18.56	18.56			18.56				

15:00 - 15:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	163.14	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	122.65	0.000	0.00	0.0	0.0	0.000	A
C-AB	1.40	1.40	161.62	0.009	1.39	0.0	0.0	5.617	A
C-A	18.47	18.47			18.47				
A-B	0.00	0.00			0.00				
A-C	34.75	34.75			34.75				

15:15 - 15:30

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	164.16	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	122.88	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	150.10	0.000	0.01	0.0	0.0	0.000	A
C-A	24.81	24.81			24.81				
A-B	0.00	0.00			0.00				
A-C	29.74	29.74			29.74				

15:30 - 15:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	165.79	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	125.18	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	145.96	0.000	0.00	0.0	0.0	0.000	A
C-A	18.56	18.56			18.56				
A-B	0.00	0.00			0.00				
A-C	26.09	26.09			26.09				

15:45 - 16:00

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	163.50	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	121.11	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	143.92	0.000	0.00	0.0	0.0	0.000	A
C-A	30.98	30.98			30.98				
A-B	0.00	0.00			0.00				
A-C	32.22	32.22			32.22				

16:00 - 16:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	161.88	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	117.69	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	141.11	0.000	0.00	0.0	0.0	0.000	A
C-A	40.85	40.85			40.85				
A-B	0.00	0.00			0.00				
A-C	35.88	35.88			35.88				

16:15 - 16:30

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	168.12	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	128.67	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	150.05	0.000	0.00	0.0	0.0	0.000	A
C-A	12.42	12.42			12.42				
A-B	0.00	0.00			0.00				
A-C	17.39	17.39			17.39				

16:30 - 16:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	161.84	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	121.69	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	143.88	0.000	0.00	0.0	0.0	0.000	A
C-A	18.60	18.60			18.60				
A-B	0.00	0.00			0.00				
A-C	38.44	38.44			38.44				

16:45 - 17:00

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	165.49	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	125.08	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	149.19	0.000	0.00	0.0	0.0	0.000	A
C-A	19.88	19.88			19.88				
A-B	0.00	0.00			0.00				
A-C	24.77	24.77			24.77				

17:00 - 17:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	167.78	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	127.20	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	152.33	0.000	0.00	0.0	0.0	0.000	A
C-A	19.88	19.88			19.88				
A-B	0.00	0.00			0.00				
A-C	18.63	18.63			18.63				

17:15 - 17:30

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	1.24	1.24	162.72	0.008	1.23	0.0	0.0	7.411	A
B-A	0.00	0.00	108.38	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	146.03	0.000	0.00	0.0	0.0	0.000	A
C-A	18.60	18.60			18.60				
A-B	0.00	0.00			0.00				
A-C	32.15	32.15			32.15				

17:30 - 17:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	164.03	0.000	0.01	0.0	0.0	0.000	A
B-A	0.00	0.00	108.37	0.000	0.00	0.0	0.0	0.000	A
C-AB	1.46	1.46	166.67	0.009	1.45	0.0	0.0	5.446	A
C-A	24.63	24.63			24.63				
A-B	0.00	0.00			0.00				
A-C	28.46	28.46			28.46				

17:45 - 18:00

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	167.14	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	124.47	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	152.82	0.000	0.01	0.0	0.0	0.000	A
C-A	32.26	32.26			32.26				
A-B	0.00	0.00			0.00				
A-C	19.84	19.84			19.84				

18:00 - 18:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	169.45	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	128.76	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	151.76	0.000	0.00	0.0	0.0	0.000	A
C-A	18.60	18.60			18.60				
A-B	0.00	0.00			0.00				
A-C	12.42	12.42			12.42				

18:15 - 18:30

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	167.12	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	126.98	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	148.47	0.000	0.00	0.0	0.0	0.000	A
C-A	16.11	16.11			16.11				
A-B	0.00	0.00			0.00				
A-C	21.12	21.12			21.12				

18:30 - 18:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	166.79	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	128.41	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	150.30	0.000	0.00	0.0	0.0	0.000	A
C-A	6.21	6.21			6.21				
A-B	0.00	0.00			0.00				
A-C	22.36	22.36			22.36				

18:45 - 19:00

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	168.12	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	127.14	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	148.12	0.000	0.00	0.0	0.0	0.000	A
C-A	19.80	19.80			19.80				
A-B	0.00	0.00			0.00				
A-C	17.39	17.39			17.39				

+15+Adj , 12hrs

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	Quarry Access	T-Junction	Two-way		0.09	A

Junction Network Options

Driving side	Lighting
Left	Normal/unknown

Traffic Demand

Demand Set Details

ID	Scenario name	Time Period 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
D9	+15+Adj	12hrs	DIRECT	07:00	19:00	720	15	✓	Simple	D4+D6

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 - R395 East		DIRECT	✓	100.000
B - Quarry Access		DIRECT	✓	100.000
C - R395 West		DIRECT	✓	100.000

Origin-Destination Data

Demand (Veh/TS)

		To			
		A - R395 East	B - Quarry Access	C - R395 West	
07:00 - 07:15	From	A - R395 East	0.00	0.00	2.70
		B - Quarry Access	0.00	0.00	0.00
		C - R395 West	10.87	0.00	0.00

Demand (Veh/TS)

		To			
		A - R395 East	B - Quarry Access	C - R395 West	
07:15 - 07:30	From	A - R395 East	0.00	0.00	13.57
		B - Quarry Access	0.00	0.00	0.00
		C - R395 West	8.27	0.00	0.00

Demand (Veh/TS)

		To			
		A - R395 East	B - Quarry Access	C - R395 West	
07:30 - 07:45	From	A - R395 East	0.00	0.00	13.76
		B - Quarry Access	0.00	0.00	0.00
		C - R395 West	16.45	0.00	0.00

Demand (Veh/TS)

		To			
		A - R395 East	B - Quarry Access	C - R395 West	
07:45 - 08:00	From	A - R395 East	0.00	0.00	23.10
		B - Quarry Access	0.00	0.00	0.00
		C - R395 West	25.79	0.00	0.00

08:00 - 08:15

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	14.92
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	21.94	0.00	0.00

08:15 - 08:30

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	16.17
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	24.35	0.00	0.00

08:30 - 08:45

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	15.01
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	27.23	1.35	0.00

08:45 - 09:00

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	22.91
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	21.75	0.00	0.00

09:00 - 09:15

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	24.35
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	23.00	0.00	0.00

09:15 - 09:30

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	32.62
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	25.79	0.00	0.00

09:30 - 09:45

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	20.21
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	12.22	0.00	0.00

09:45 - 10:00

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	20.40
	B - Quarry Access	0.00	0.00	1.35
	C - R395 West	16.36	2.70	0.00

10:00 - 10:15

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	21.75
	B - Quarry Access	0.00	0.00	1.35
	C - R395 West	8.18	0.00	0.00

10:15 - 10:30

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	10.78
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	19.15	1.35	0.00

10:30 - 10:45

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	18.96
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	10.97	1.44	0.00

10:45 - 11:00

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	16.27
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	12.22	0.00	0.00

11:00 - 11:15

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	12.22
	B - Quarry Access	1.35	0.00	2.79
	C - R395 West	14.82	0.00	0.00

11:15 - 11:30

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	20.31
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	16.17	0.00	0.00

11:30 - 11:45

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	17.61
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	13.48	0.00	0.00

11:45 - 12:00

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	19.05
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	24.26	0.00	0.00

12:00 - 12:15

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	26.95
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	22.91	0.00	0.00

12:15 - 12:30

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	14.92
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	17.61	0.00	0.00

12:30 - 12:45

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	17.61
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	12.22	0.00	0.00

12:45 - 13:00

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	17.52
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	13.66	0.00	0.00

13:00 - 13:15

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	10.87
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	19.05	0.00	0.00

Demand (Veh/TS)

13:15 - 13:30

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	16.17
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	16.36	0.00	0.00

Demand (Veh/TS)

13:30 - 13:45

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	31.18
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	36.39	0.00	0.00

Demand (Veh/TS)

13:45 - 14:00

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	13.76
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	25.70	0.00	0.00

Demand (Veh/TS)

14:00 - 14:15

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	35.13
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	13.57	0.00	0.00

Demand (Veh/TS)

14:15 - 14:30

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	24.44
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	14.92	0.00	0.00

Demand (Veh/TS)

14:30 - 14:45

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	25.60
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	36.57	0.00	0.00

Demand (Veh/TS)

14:45 - 15:00

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	20.40
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	35.13	0.00	0.00

Demand (Veh/TS)

15:00 - 15:15

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	37.83
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	20.21	1.35	0.00

Demand (Veh/TS)

15:15 - 15:30

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	32.53
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	27.05	0.00	0.00

15:30 - 15:45

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	28.30
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	20.40	0.00	0.00

Demand (Veh/TS)

15:45 - 16:00

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	35.23
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	33.88	0.00	0.00

Demand (Veh/TS)

16:00 - 16:15

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	39.46
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	44.85	0.00	0.00

Demand (Veh/TS)

16:15 - 16:30

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	18.87
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	13.48	0.00	0.00

Demand (Veh/TS)

16:30 - 16:45

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	41.96
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	20.31	0.00	0.00

Demand (Veh/TS)

16:45 - 17:00

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	27.14
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	21.56	0.00	0.00

Demand (Veh/TS)

17:00 - 17:15

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	20.21
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	21.56	0.00	0.00

Demand (Veh/TS)

17:15 - 17:30

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	35.41
	B - Quarry Access	0.00	0.00	1.35
	C - R395 West	20.31	0.00	0.00

Demand (Veh/TS)

17:30 - 17:45

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	31.28
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	26.95	1.35	0.00

Demand (Veh/TS)

17:45 - 18:00

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	21.66
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	35.13	0.00	0.00

18:00 - 18:15

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	13.48
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	20.31	0.00	0.00

Demand (Veh/TS)

18:15 - 18:30

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	22.91
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	17.61	0.00	0.00

Demand (Veh/TS)

18:30 - 18:45

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	24.26
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	6.74	0.00	0.00

Demand (Veh/TS)

18:45 - 19:00

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.00	18.87
	B - Quarry Access	0.00	0.00	0.00
	C - R395 West	21.75	0.00	0.00

Vehicle Mix

Heavy Vehicle Percentages

07:00 - 07:15

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	0
	B - Quarry Access	0	0	0
	C - R395 West	13	0	0

Heavy Vehicle Percentages

07:15 - 07:30

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	11
	B - Quarry Access	0	0	0
	C - R395 West	35	0	0

Heavy Vehicle Percentages

07:30 - 07:45

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	31
	B - Quarry Access	0	0	0
	C - R395 West	26	0	0

Heavy Vehicle Percentages

07:45 - 08:00

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	12
	B - Quarry Access	0	0	0
	C - R395 West	11	0	0

Heavy Vehicle Percentages

08:00 - 08:15

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	10
	B - Quarry Access	0	0	0
	C - R395 West	26	0	0

08:15 - 08:30

Heavy Vehicle Percentages

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	0
	B - Quarry Access	0	0	0
	C - R395 West	6	0	0

Heavy Vehicle Percentages

08:30 - 08:45

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	19
	B - Quarry Access	0	0	0
	C - R395 West	16	0	0

Heavy Vehicle Percentages

08:45 - 09:00

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	0
	B - Quarry Access	0	0	0
	C - R395 West	13	0	0

Heavy Vehicle Percentages

09:00 - 09:15

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	6
	B - Quarry Access	0	0	0
	C - R395 West	6	0	0

Heavy Vehicle Percentages

09:15 - 09:30

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	13
	B - Quarry Access	0	0	0
	C - R395 West	11	0	0

Heavy Vehicle Percentages

09:30 - 09:45

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	0
	B - Quarry Access	0	0	0
	C - R395 West	12	0	0

Heavy Vehicle Percentages

09:45 - 10:00

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	14
	B - Quarry Access	0	0	0
	C - R395 West	18	0	0

Heavy Vehicle Percentages

10:00 - 10:15

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	13
	B - Quarry Access	0	0	0
	C - R395 West	18	0	0

Heavy Vehicle Percentages

10:15 - 10:30

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	0
	B - Quarry Access	0	0	0
	C - R395 West	23	0	0

Heavy Vehicle Percentages

10:30 - 10:45

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	8
	B - Quarry Access	0	0	0
	C - R395 West	26	100	0

10:45 - 11:00

Heavy Vehicle Percentages

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	9
	B - Quarry Access	0	0	0
	C - R395 West	12	0	0

Heavy Vehicle Percentages

11:00 - 11:15

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	12
	B - Quarry Access	0	0	52
	C - R395 West	0	0	0

Heavy Vehicle Percentages

11:15 - 11:30

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	7
	B - Quarry Access	0	0	0
	C - R395 West	0	0	0

Heavy Vehicle Percentages

11:30 - 11:45

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	8
	B - Quarry Access	0	0	0
	C - R395 West	0	0	0

Heavy Vehicle Percentages

11:45 - 12:00

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	15
	B - Quarry Access	0	0	0
	C - R395 West	0	0	0

Heavy Vehicle Percentages

12:00 - 12:15

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	0
	B - Quarry Access	0	0	0
	C - R395 West	0	0	0

Heavy Vehicle Percentages

12:15 - 12:30

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	10
	B - Quarry Access	0	0	0
	C - R395 West	8	0	0

Heavy Vehicle Percentages

12:30 - 12:45

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	8
	B - Quarry Access	0	0	0
	C - R395 West	12	0	0

Heavy Vehicle Percentages

12:45 - 13:00

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	0
	B - Quarry Access	0	0	0
	C - R395 West	21	0	0

Heavy Vehicle Percentages

13:00 - 13:15

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	13
	B - Quarry Access	0	0	0
	C - R395 West	15	0	0

13:15 - 13:30

Heavy Vehicle Percentages

Westmeath County Council Planning Authority - Inspection Purposes Only!

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	0
	B - Quarry Access	0	0	0
	C - R395 West	18	0	0

Heavy Vehicle Percentages

13:30 - 13:45

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	9
	B - Quarry Access	0	0	0
	C - R395 West	0	0	0

Heavy Vehicle Percentages

13:45 - 14:00

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	31
	B - Quarry Access	0	0	0
	C - R395 West	6	0	0

Heavy Vehicle Percentages

14:00 - 14:15

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	4
	B - Quarry Access	0	0	0
	C - R395 West	11	0	0

Heavy Vehicle Percentages

14:15 - 14:30

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	12
	B - Quarry Access	0	0	0
	C - R395 West	10	0	0

Heavy Vehicle Percentages

14:30 - 14:45

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	0
	B - Quarry Access	0	0	0
	C - R395 West	8	0	0

Heavy Vehicle Percentages

14:45 - 15:00

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	14
	B - Quarry Access	0	0	0
	C - R395 West	4	0	0

Heavy Vehicle Percentages

15:00 - 15:15

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	4
	B - Quarry Access	0	0	0
	C - R395 West	0	0	0

Heavy Vehicle Percentages

15:15 - 15:30

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	9
	B - Quarry Access	0	0	0
	C - R395 West	5	0	0

Heavy Vehicle Percentages

15:30 - 15:45

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	0
	B - Quarry Access	0	0	0
	C - R395 West	14	0	0

15:45 - 16:00

Heavy Vehicle Percentages

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	8
	B - Quarry Access	0	0	0
	C - R395 West	9	0	0

Heavy Vehicle Percentages

16:00 - 16:15

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	15
	B - Quarry Access	0	0	0
	C - R395 West	13	0	0

Heavy Vehicle Percentages

16:15 - 16:30

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	0
	B - Quarry Access	0	0	0
	C - R395 West	0	0	0

Heavy Vehicle Percentages

16:30 - 16:45

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	7
	B - Quarry Access	0	0	0
	C - R395 West	7	0	0

Heavy Vehicle Percentages

16:45 - 17:00

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	11
	B - Quarry Access	0	0	0
	C - R395 West	0	0	0

Heavy Vehicle Percentages

17:00 - 17:15

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	0
	B - Quarry Access	0	0	0
	C - R395 West	0	0	0

Heavy Vehicle Percentages

17:15 - 17:30

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	16
	B - Quarry Access	0	0	0
	C - R395 West	7	0	0

Heavy Vehicle Percentages

17:30 - 17:45

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	14
	B - Quarry Access	0	0	0
	C - R395 West	0	0	0

Heavy Vehicle Percentages

17:45 - 18:00

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	7
	B - Quarry Access	0	0	0
	C - R395 West	4	0	0

Heavy Vehicle Percentages

18:00 - 18:15

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	0	0
	B - Quarry Access	0	0	0
	C - R395 West	7	0	0

18:15 - 18:30

Heavy Vehicle Percentages

		To		
From		A - R395 East	B - Quarry Access	C - R395 West
	A - R395 East	0	0	0
	B - Quarry Access	0	0	0
	C - R395 West	8	0	0

Heavy Vehicle Percentages

18:30 - 18:45

		To		
From		A - R395 East	B - Quarry Access	C - R395 West
	A - R395 East	0	0	0
	B - Quarry Access	0	0	0
	C - R395 West	0	0	0

Heavy Vehicle Percentages

18:45 - 19:00

		To		
From		A - R395 East	B - Quarry Access	C - R395 West
	A - R395 East	0	0	0
	B - Quarry Access	0	0	0
	C - R395 West	13	0	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (Veh)	Max LOS	Average Demand (Veh/TS)	Total Junction Arrivals (Veh)
B-C	0.02	7.59	0.0	A	0.14	6.83
B-A	0.01	7.49	0.0	A	0.03	1.35
C-AB	0.02	10.54	0.0	B	0.23	10.93
C-A					20.58	988.07
A-B					0.00	0.00
A-C					22.10	1060.62

Main Results for each time segment

07:00 - 07:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	172.05	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	132.34	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	147.53	0.000	0.00	0.0	0.0	0.000	A
C-A	10.87	10.87			10.87				
A-B	0.00	0.00			0.00				
A-C	2.70	2.70			2.70				

07:15 - 07:30

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	168.75	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	129.46	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	137.73	0.000	0.00	0.0	0.0	0.000	A
C-A	8.27	8.27			8.27				
A-B	0.00	0.00			0.00				
A-C	13.57	13.57			13.57				

07:30 - 07:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	167.93	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	127.20	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	136.38	0.000	0.00	0.0	0.0	0.000	A
C-A	16.45	16.45			16.45				
A-B	0.00	0.00			0.00				
A-C	13.76	13.76			13.76				

07:45 - 08:00

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	165.82	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	124.00	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	138.98	0.000	0.00	0.0	0.0	0.000	A
C-A	25.79	25.79			25.79				
A-B	0.00	0.00			0.00				
A-C	23.10	23.10			23.10				

08:00 - 08:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	168.39	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	126.54	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	138.56	0.000	0.00	0.0	0.0	0.000	A
C-A	21.94	21.94			21.94				
A-B	0.00	0.00			0.00				
A-C	14.92	14.92			14.92				

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-C	0.00	0.00	168.44	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	126.89	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	143.88	0.000	0.00	0.0	0.0	0.000	A
C-A	24.35	24.35			24.35				
A-B	0.00	0.00			0.00				
A-C	16.17	16.17			16.17				

08:30 - 08:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	167.98	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	125.08	0.000	0.00	0.0	0.0	0.000	A
C-AB	1.60	1.60	170.05	0.009	1.59	0.0	0.0	5.342	A
C-A	26.98	26.98			26.98				
A-B	0.00	0.00			0.00				
A-C	15.01	15.01			15.01				

08:45 - 09:00

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	166.64	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	125.39	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	148.58	0.000	0.01	0.0	0.0	0.000	A
C-A	21.75	21.75			21.75				
A-B	0.00	0.00			0.00				
A-C	22.91	22.91			22.91				

09:00 - 09:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	165.87	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	124.71	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	144.15	0.000	0.00	0.0	0.0	0.000	A
C-A	23.00	23.00			23.00				
A-B	0.00	0.00			0.00				
A-C	24.35	24.35			24.35				

09:15 - 09:30

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	162.88	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	121.27	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	141.30	0.000	0.00	0.0	0.0	0.000	A
C-A	25.79	25.79			25.79				
A-B	0.00	0.00			0.00				
A-C	32.62	32.62			32.62				

09:30 - 09:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	167.36	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	127.78	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	144.84	0.000	0.00	0.0	0.0	0.000	A
C-A	12.22	12.22			12.22				
A-B	0.00	0.00			0.00				
A-C	20.21	20.21			20.21				

09:45 - 10:00

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	1.35	1.35	166.38	0.008	1.34	0.0	0.0	5.452	A
B-A	0.00	0.00	110.61	0.000	0.00	0.0	0.0	0.000	A
C-AB	3.00	3.00	162.12	0.018	2.98	0.0	0.0	5.670	A
C-A	16.06	16.06			16.06				
A-B	0.00	0.00			0.00				
A-C	20.40	20.40			20.40				

10:00 - 10:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	1.35	1.35	166.02	0.008	1.35	0.0	0.0	5.464	A
B-A	0.00	0.00	112.49	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	154.42	0.000	0.02	0.0	0.0	5.787	A
C-A	8.18	8.18			8.18				
A-B	0.00	0.00			0.00				
A-C	21.75	21.75			21.75				

10:15 - 10:30

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	169.73	0.000	0.01	0.0	0.0	0.000	A
B-A	0.00	0.00	113.20	0.000	0.00	0.0	0.0	0.000	A
C-AB	1.52	1.52	166.38	0.009	1.51	0.0	0.0	5.459	A
C-A	18.97	18.97			18.97				
A-B	0.00	0.00			0.00				
A-C	10.78	10.78			10.78				

10:30 - 10:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	167.31	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	126.68	0.000	0.00	0.0	0.0	0.000	A
C-AB	1.66	1.66	85.35	0.019	1.65	0.0	0.0	8.363	A
C-A	10.75	10.75			10.75				
A-B	0.00	0.00			0.00				
A-C	18.96	18.96			18.96				

10:45 - 11:00

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	168.03	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	128.39	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	89.98	0.000	0.02	0.0	0.0	10.538	B
C-A	12.22	12.22			12.22				
A-B	0.00	0.00			0.00				
A-C	16.27	16.27			16.27				

11:00 - 11:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	2.79	2.79	117.87	0.024	2.77	0.0	0.0	6.932	A
B-A	1.35	1.35	121.45	0.011	1.34	0.0	0.0	7.492	A
C-AB	0.00	0.00	138.31	0.000	0.00	0.0	0.0	0.000	A
C-A	14.82	14.82			14.82				
A-B	0.00	0.00			0.00				
A-C	12.22	12.22			12.22				

11:15 - 11:30

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	116.31	0.000	0.02	0.0	0.0	0.000	A
B-A	0.00	0.00	119.80	0.000	0.01	0.0	0.0	0.000	A
C-AB	0.00	0.00	141.70	0.000	0.00	0.0	0.0	0.000	A
C-A	16.17	16.17			16.17				
A-B	0.00	0.00			0.00				
A-C	20.31	20.31			20.31				

11:30 - 11:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	148.49	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	128.10	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	147.60	0.000	0.00	0.0	0.0	0.000	A
C-A	13.48	13.48			13.48				
A-B	0.00	0.00			0.00				
A-C	17.61	17.61			17.61				

11:45 - 12:00

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	156.77	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	125.69	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	149.71	0.000	0.00	0.0	0.0	0.000	A
C-A	24.26	24.26			24.26				
A-B	0.00	0.00			0.00				
A-C	19.05	19.05			19.05				

12:00 - 12:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	160.38	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	124.66	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	149.92	0.000	0.00	0.0	0.0	0.000	A
C-A	22.91	22.91			22.91				
A-B	0.00	0.00			0.00				
A-C	26.95	26.95			26.95				

12:15 - 12:30

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	165.72	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	127.89	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	150.17	0.000	0.00	0.0	0.0	0.000	A
C-A	17.61	17.61			17.61				
A-B	0.00	0.00			0.00				
A-C	14.92	14.92			14.92				

12:30 - 12:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	166.33	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	128.07	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	147.11	0.000	0.00	0.0	0.0	0.000	A
C-A	12.22	12.22			12.22				
A-B	0.00	0.00			0.00				
A-C	17.61	17.61			17.61				

12:45 - 13:00

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	167.41	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	128.00	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	143.12	0.000	0.00	0.0	0.0	0.000	A
C-A	13.66	13.66			13.66				
A-B	0.00	0.00			0.00				
A-C	17.52	17.52			17.52				

13:00 - 13:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	169.13	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	128.45	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	144.18	0.000	0.00	0.0	0.0	0.000	A
C-A	19.05	19.05			19.05				
A-B	0.00	0.00			0.00				
A-C	10.87	10.87			10.87				

13:15 - 13:30

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	168.27	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	127.91	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	142.41	0.000	0.00	0.0	0.0	0.000	A
C-A	16.36	16.36			16.36				
A-B	0.00	0.00			0.00				
A-C	16.17	16.17			16.17				

13:30 - 13:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	163.57	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	120.79	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	143.78	0.000	0.00	0.0	0.0	0.000	A
C-A	36.39	36.39			36.39				
A-B	0.00	0.00			0.00				
A-C	31.18	31.18			31.18				

13:45 - 14:00

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	167.89	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	126.20	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	148.44	0.000	0.00	0.0	0.0	0.000	A
C-A	25.70	25.70			25.70				
A-B	0.00	0.00			0.00				
A-C	13.76	13.76			13.76				

14:00 - 14:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	162.96	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	123.50	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	142.77	0.000	0.00	0.0	0.0	0.000	A
C-A	13.57	13.57			13.57				
A-B	0.00	0.00			0.00				
A-C	35.13	35.13			35.13				

14:15 - 14:30

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	165.45	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	125.59	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	144.62	0.000	0.00	0.0	0.0	0.000	A
C-A	14.92	14.92			14.92				
A-B	0.00	0.00			0.00				
A-C	24.44	24.44			24.44				

14:30 - 14:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	165.91	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	122.41	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	145.48	0.000	0.00	0.0	0.0	0.000	A
C-A	36.57	36.57			36.57				
A-B	0.00	0.00			0.00				
A-C	25.60	25.60			25.60				

14:45 - 15:00

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	166.53	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	123.43	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	147.60	0.000	0.00	0.0	0.0	0.000	A
C-A	35.13	35.13			35.13				
A-B	0.00	0.00			0.00				
A-C	20.40	20.40			20.40				

15:00 - 15:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	162.26	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	121.54	0.000	0.00	0.0	0.0	0.000	A
C-AB	1.54	1.54	161.90	0.010	1.53	0.0	0.0	5.612	A
C-A	20.02	20.02			20.02				
A-B	0.00	0.00			0.00				
A-C	37.83	37.83			37.83				

15:15 - 15:30

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	163.29	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	121.68	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	149.30	0.000	0.01	0.0	0.0	0.000	A
C-A	27.05	27.05			27.05				
A-B	0.00	0.00			0.00				
A-C	32.53	32.53			32.53				

15:30 - 15:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	165.20	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	124.27	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	144.95	0.000	0.00	0.0	0.0	0.000	A
C-A	20.40	20.40			20.40				
A-B	0.00	0.00			0.00				
A-C	28.30	28.30			28.30				

15:45 - 16:00

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	162.57	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	119.72	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	142.61	0.000	0.00	0.0	0.0	0.000	A
C-A	33.88	33.88			33.88				
A-B	0.00	0.00			0.00				
A-C	35.23	35.23			35.23				

16:00 - 16:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	160.66	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	115.79	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	139.47	0.000	0.00	0.0	0.0	0.000	A
C-A	44.85	44.85			44.85				
A-B	0.00	0.00			0.00				
A-C	39.46	39.46			39.46				

16:15 - 16:30

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	167.72	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	128.14	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	149.37	0.000	0.00	0.0	0.0	0.000	A
C-A	13.48	13.48			13.48				
A-B	0.00	0.00			0.00				
A-C	18.87	18.87			18.87				

16:30 - 16:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	160.76	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	120.39	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	142.56	0.000	0.00	0.0	0.0	0.000	A
C-A	20.31	20.31			20.31				
A-B	0.00	0.00			0.00				
A-C	41.96	41.96			41.96				

16:45 - 17:00

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	164.73	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	124.11	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	148.32	0.000	0.00	0.0	0.0	0.000	A
C-A	21.56	21.56			21.56				
A-B	0.00	0.00			0.00				
A-C	27.14	27.14			27.14				

17:00 - 17:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	167.36	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	126.54	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	151.84	0.000	0.00	0.0	0.0	0.000	A
C-A	21.56	21.56			21.56				
A-B	0.00	0.00			0.00				
A-C	20.21	20.21			20.21				

17:15 - 17:30

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	1.35	1.35	161.60	0.008	1.34	0.0	0.0	7.594	A
B-A	0.00	0.00	107.19	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	144.76	0.000	0.00	0.0	0.0	0.000	A
C-A	20.31	20.31			20.31				
A-B	0.00	0.00			0.00				
A-C	35.41	35.41			35.41				

17:30 - 17:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	163.09	0.000	0.01	0.0	0.0	0.000	A
B-A	0.00	0.00	107.27	0.000	0.00	0.0	0.0	0.000	A
C-AB	1.61	1.61	167.27	0.010	1.60	0.0	0.0	5.432	A
C-A	26.69	26.69			26.69				
A-B	0.00	0.00			0.00				
A-C	31.28	31.28			31.28				

17:45 - 18:00

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	166.59	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	123.48	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	152.31	0.000	0.01	0.0	0.0	0.000	A
C-A	35.13	35.13			35.13				
A-B	0.00	0.00			0.00				
A-C	21.66	21.66			21.66				

18:00 - 18:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	169.16	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	128.19	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	151.21	0.000	0.00	0.0	0.0	0.000	A
C-A	20.31	20.31			20.31				
A-B	0.00	0.00			0.00				
A-C	13.48	13.48			13.48				

18:15 - 18:30

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	166.64	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	126.27	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	147.65	0.000	0.00	0.0	0.0	0.000	A
C-A	17.61	17.61			17.61				
A-B	0.00	0.00			0.00				
A-C	22.91	22.91			22.91				

18:30 - 18:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	166.28	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	127.86	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	149.64	0.000	0.00	0.0	0.0	0.000	A
C-A	6.74	6.74			6.74				
A-B	0.00	0.00			0.00				
A-C	24.26	24.26			24.26				

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-C	0.00	0.00	167.72	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	126.40	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	147.29	0.000	0.00	0.0	0.0	0.000	A
C-A	21.75	21.75			21.75				
A-B	0.00	0.00			0.00				
A-C	18.87	18.87			18.87				

Opening year+Adj+Dev, 12hrs

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	Quarry Access	T-Junction	Two-way		0.51	A

Junction Network Options

Driving side	Lighting
Left	Normal/unknown

Traffic Demand

Demand Set Details

ID	Scenario name	Time Period 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
D10	Opening year+Adj+Dev	12hrs	DIRECT	07:00	19:00	720	15	✓	Simple	D2+D6+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 - R395 East		DIRECT	✓	100.000
B - Quarry Access		DIRECT	✓	100.000
C - R395 West		DIRECT	✓	100.000

Origin-Destination Data

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
07:00 - 07:15	From			
	A - R395 East	0.00	0.30	2.29
	B - Quarry Access	0.18	0.00	0.18
	C - R395 West	9.06	0.30	0.00

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
07:15 - 07:30	From			
	A - R395 East	0.00	0.30	11.35
	B - Quarry Access	0.18	0.00	0.18
	C - R395 West	6.65	0.30	0.00

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
07:30 - 07:45	From			
	A - R395 East	0.00	0.30	11.12
	B - Quarry Access	0.18	0.00	0.18
	C - R395 West	13.42	0.30	0.00

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
07:45 - 08:00	From			
	A - R395 East	0.00	0.30	19.27
	B - Quarry Access	0.18	0.00	0.18
	C - R395 West	21.56	0.30	0.00

08:00 - 08:15

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.20	12.50
	B - Quarry Access	0.19	0.00	0.19
	C - R395 West	17.89	0.20	0.00

08:15 - 08:30

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.20	13.76
	B - Quarry Access	0.19	0.00	0.19
	C - R395 West	20.53	0.20	0.00

08:30 - 08:45

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.95	12.39
	B - Quarry Access	0.19	0.00	0.19
	C - R395 West	22.59	2.10	0.00

08:45 - 09:00

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.95	19.50
	B - Quarry Access	0.19	0.00	0.19
	C - R395 West	18.12	0.95	0.00

09:00 - 09:15

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	1.00	20.53
	B - Quarry Access	0.21	0.00	0.21
	C - R395 West	19.38	1.00	0.00

09:15 - 09:30

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	1.00	27.18
	B - Quarry Access	0.21	0.00	0.21
	C - R395 West	21.56	1.00	0.00

09:30 - 09:45

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.25	17.20
	B - Quarry Access	0.21	0.00	0.21
	C - R395 West	10.21	0.25	0.00

09:45 - 10:00

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.25	16.97
	B - Quarry Access	0.21	0.00	1.36
	C - R395 West	13.53	2.54	0.00

10:00 - 10:15

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.16	18.12
	B - Quarry Access	0.17	0.00	1.32
	C - R395 West	6.77	0.16	0.00

10:15 - 10:30

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.16	9.18
	B - Quarry Access	0.17	0.00	0.17
	C - R395 West	15.71	1.30	0.00

10:30 - 10:45

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.16	15.94
	B - Quarry Access	0.17	0.00	0.17
	C - R395 West	8.94	1.19	0.00

10:45 - 11:00

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.16	13.65
	B - Quarry Access	0.17	0.00	0.17
	C - R395 West	10.21	0.16	0.00

11:00 - 11:15

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.16	10.21
	B - Quarry Access	1.30	0.00	2.33
	C - R395 West	12.62	0.16	0.00

11:15 - 11:30

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.16	17.09
	B - Quarry Access	0.15	0.00	0.15
	C - R395 West	13.76	0.16	0.00

11:30 - 11:45

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.16	14.79
	B - Quarry Access	0.15	0.00	0.15
	C - R395 West	11.47	0.16	0.00

11:45 - 12:00

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.16	15.83
	B - Quarry Access	0.15	0.00	0.15
	C - R395 West	20.64	0.16	0.00

12:00 - 12:15

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.12	22.94
	B - Quarry Access	0.15	0.00	0.15
	C - R395 West	19.50	0.12	0.00

12:15 - 12:30

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.12	12.50
	B - Quarry Access	0.15	0.00	0.15
	C - R395 West	14.79	0.12	0.00

12:30 - 12:45

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.12	14.79
	B - Quarry Access	0.15	0.00	0.15
	C - R395 West	10.21	0.12	0.00

12:45 - 13:00

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.12	14.91
	B - Quarry Access	0.15	0.00	0.15
	C - R395 West	11.24	0.12	0.00

13:00 - 13:15

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.20	9.06
	B - Quarry Access	0.21	0.00	0.21
	C - R395 West	15.83	0.20	0.00

13:15 - 13:30

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.20	13.76
	B - Quarry Access	0.21	0.00	0.21
	C - R395 West	13.53	0.20	0.00

13:30 - 13:45

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.20	26.15
	B - Quarry Access	0.21	0.00	0.21
	C - R395 West	30.97	0.20	0.00

13:45 - 14:00

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.20	11.12
	B - Quarry Access	0.21	0.00	0.21
	C - R395 West	21.68	0.20	0.00

14:00 - 14:15

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.22	29.70
	B - Quarry Access	0.23	0.00	0.23
	C - R395 West	11.35	0.22	0.00

14:15 - 14:30

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.22	20.41
	B - Quarry Access	0.23	0.00	0.23
	C - R395 West	12.50	0.22	0.00

14:30 - 14:45

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.22	21.79
	B - Quarry Access	0.23	0.00	0.23
	C - R395 West	30.74	0.22	0.00

14:45 - 15:00

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.22	16.97
	B - Quarry Access	0.23	0.00	0.23
	C - R395 West	29.70	0.22	0.00

15:00 - 15:15

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.18	32.00
	B - Quarry Access	0.15	0.00	0.15
	C - R395 West	17.20	1.32	0.00

15:15 - 15:30

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.18	27.30
	B - Quarry Access	0.90	0.00	0.90
	C - R395 West	22.82	0.18	0.00

15:30 - 15:45

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.18	24.09
	B - Quarry Access	0.90	0.00	0.90
	C - R395 West	16.97	0.18	0.00

15:45 - 16:00

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.18	29.59
	B - Quarry Access	0.90	0.00	0.90
	C - R395 West	28.44	0.18	0.00

16:00 - 16:15

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.14	32.80
	B - Quarry Access	0.89	0.00	0.89
	C - R395 West	37.39	0.14	0.00

16:15 - 16:30

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.14	16.06
	B - Quarry Access	0.14	0.00	0.14
	C - R395 West	11.47	0.14	0.00

16:30 - 16:45

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.14	35.32
	B - Quarry Access	0.14	0.00	0.14
	C - R395 West	17.09	0.14	0.00

16:45 - 17:00

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.14	22.71
	B - Quarry Access	0.14	0.00	0.14
	C - R395 West	18.35	0.14	0.00

17:00 - 17:15

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.05	17.20
	B - Quarry Access	0.17	0.00	0.17
	C - R395 West	18.35	0.05	0.00

17:15 - 17:30

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.05	29.36
	B - Quarry Access	0.17	0.00	1.31
	C - R395 West	17.09	0.05	0.00

17:30 - 17:45

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.05	26.03
	B - Quarry Access	0.17	0.00	0.17
	C - R395 West	22.94	1.19	0.00

17:45 - 18:00

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.05	18.24
	B - Quarry Access	0.17	0.00	0.17
	C - R395 West	29.70	0.05	0.00

18:00 - 18:15

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.10	11.47
	B - Quarry Access	0.05	0.00	0.05
	C - R395 West	17.09	0.10	0.00

Demand (Veh/TS)

18:15 - 18:30

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.10	19.50
	B - Quarry Access	0.05	0.00	0.05
	C - R395 West	14.79	0.10	0.00

Demand (Veh/TS)

18:30 - 18:45

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.10	20.64
	B - Quarry Access	0.05	0.00	0.05
	C - R395 West	5.73	0.10	0.00

Demand (Veh/TS)

18:45 - 19:00

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.10	16.06
	B - Quarry Access	0.05	0.00	0.05
	C - R395 West	18.12	0.10	0.00

Vehicle Mix

Heavy Vehicle Percentages

07:00 - 07:15

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	100	0
	B - Quarry Access	100	0	100
	C - R395 West	11	100	0

Heavy Vehicle Percentages

07:15 - 07:30

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	100	9
	B - Quarry Access	100	0	100
	C - R395 West	31	100	0

Heavy Vehicle Percentages

07:30 - 07:45

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	100	28
	B - Quarry Access	100	0	100
	C - R395 West	23	100	0

Heavy Vehicle Percentages

07:45 - 08:00

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	100	11
	B - Quarry Access	100	0	100
	C - R395 West	10	100	0

Heavy Vehicle Percentages

08:00 - 08:15

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	100	8
	B - Quarry Access	100	0	100
	C - R395 West	23	100	0

08:15 - 08:30

Heavy Vehicle Percentages

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	100	0
	B - Quarry Access	100	0	100
	C - R395 West	5	100	0

Heavy Vehicle Percentages

08:30 - 08:45

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	40	17
	B - Quarry Access	100	0	100
	C - R395 West	14	18	0

Heavy Vehicle Percentages

08:45 - 09:00

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	40	0
	B - Quarry Access	100	0	100
	C - R395 West	11	40	0

Heavy Vehicle Percentages

09:00 - 09:15

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	47	5
	B - Quarry Access	100	0	100
	C - R395 West	5	47	0

Heavy Vehicle Percentages

09:15 - 09:30

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	47	11
	B - Quarry Access	100	0	100
	C - R395 West	10	47	0

Heavy Vehicle Percentages

09:30 - 09:45

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	100	0
	B - Quarry Access	100	0	100
	C - R395 West	10	100	0

Heavy Vehicle Percentages

09:45 - 10:00

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	100	12
	B - Quarry Access	100	0	29
	C - R395 West	15	18	0

Heavy Vehicle Percentages

10:00 - 10:15

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	100	11
	B - Quarry Access	100	0	24
	C - R395 West	15	100	0

Heavy Vehicle Percentages

10:15 - 10:30

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	100	0
	B - Quarry Access	100	0	100
	C - R395 West	20	23	0

Heavy Vehicle Percentages

10:30 - 10:45

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	100	6
	B - Quarry Access	100	0	100
	C - R395 West	23	100	0

10:45 - 11:00

Heavy Vehicle Percentages

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	100	8
	B - Quarry Access	100	0	100
	C - R395 West	10	100	0

Heavy Vehicle Percentages

11:00 - 11:15

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	100	10
	B - Quarry Access	22	0	57
	C - R395 West	0	100	0

Heavy Vehicle Percentages

11:15 - 11:30

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	100	6
	B - Quarry Access	100	0	100
	C - R395 West	0	100	0

Heavy Vehicle Percentages

11:30 - 11:45

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	100	7
	B - Quarry Access	100	0	100
	C - R395 West	0	100	0

Heavy Vehicle Percentages

11:45 - 12:00

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	100	13
	B - Quarry Access	100	0	100
	C - R395 West	0	100	0

Heavy Vehicle Percentages

12:00 - 12:15

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	100	0
	B - Quarry Access	100	0	100
	C - R395 West	0	100	0

Heavy Vehicle Percentages

12:15 - 12:30

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	100	8
	B - Quarry Access	100	0	100
	C - R395 West	7	100	0

Heavy Vehicle Percentages

12:30 - 12:45

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	100	7
	B - Quarry Access	100	0	100
	C - R395 West	10	100	0

Heavy Vehicle Percentages

12:45 - 13:00

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	100	0
	B - Quarry Access	100	0	100
	C - R395 West	18	100	0

Heavy Vehicle Percentages

13:00 - 13:15

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	100	11
	B - Quarry Access	100	0	100
	C - R395 West	13	100	0

13:15 - 13:30

Heavy Vehicle Percentages

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	100	0
	B - Quarry Access	100	0	100
	C - R395 West	15	100	0

Heavy Vehicle Percentages

13:30 - 13:45

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	100	8
	B - Quarry Access	100	0	100
	C - R395 West	0	100	0

Heavy Vehicle Percentages

13:45 - 14:00

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	100	28
	B - Quarry Access	100	0	100
	C - R395 West	5	100	0

Heavy Vehicle Percentages

14:00 - 14:15

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	100	3
	B - Quarry Access	100	0	100
	C - R395 West	9	100	0

Heavy Vehicle Percentages

14:15 - 14:30

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	100	10
	B - Quarry Access	100	0	100
	C - R395 West	8	100	0

Heavy Vehicle Percentages

14:30 - 14:45

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	100	0
	B - Quarry Access	100	0	100
	C - R395 West	7	100	0

Heavy Vehicle Percentages

14:45 - 15:00

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	100	12
	B - Quarry Access	100	0	100
	C - R395 West	3	100	0

Heavy Vehicle Percentages

15:00 - 15:15

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	100	3
	B - Quarry Access	100	0	100
	C - R395 West	0	25	0

Heavy Vehicle Percentages

15:15 - 15:30

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	100	8
	B - Quarry Access	31	0	31
	C - R395 West	5	100	0

Heavy Vehicle Percentages

15:30 - 15:45

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	100	0
	B - Quarry Access	31	0	31
	C - R395 West	12	100	0

15:45 - 16:00

Heavy Vehicle Percentages



		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	100	7
	B - Quarry Access	31	0	31
	C - R395 West	7	100	0

Heavy Vehicle Percentages

16:00 - 16:15

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	100	13
	B - Quarry Access	29	0	29
	C - R395 West	11	100	0

Heavy Vehicle Percentages

16:15 - 16:30

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	100	0
	B - Quarry Access	100	0	100
	C - R395 West	0	100	0

Heavy Vehicle Percentages

16:30 - 16:45

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	100	6
	B - Quarry Access	100	0	100
	C - R395 West	6	100	0

Heavy Vehicle Percentages

16:45 - 17:00

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	100	9
	B - Quarry Access	100	0	100
	C - R395 West	0	100	0

Heavy Vehicle Percentages

17:00 - 17:15

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	100	0
	B - Quarry Access	100	0	100
	C - R395 West	0	100	0

Heavy Vehicle Percentages

17:15 - 17:30

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	100	14
	B - Quarry Access	100	0	24
	C - R395 West	6	100	0

Heavy Vehicle Percentages

17:30 - 17:45

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	100	12
	B - Quarry Access	100	0	100
	C - R395 West	0	8	0

Heavy Vehicle Percentages

17:45 - 18:00

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	100	6
	B - Quarry Access	100	0	100
	C - R395 West	3	100	0

Heavy Vehicle Percentages

18:00 - 18:15

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	100	0
	B - Quarry Access	100	0	100
	C - R395 West	6	100	0

18:15 - 18:30

Heavy Vehicle Percentages

		To		
From		A - R395 East	B - Quarry Access	C - R395 West
	A - R395 East	0	100	0
	B - Quarry Access	100	0	100
	C - R395 West	7	100	0

Heavy Vehicle Percentages

18:30 - 18:45

		To		
From		A - R395 East	B - Quarry Access	C - R395 West
	A - R395 East	0	100	0
	B - Quarry Access	100	0	100
	C - R395 West	0	100	0

Heavy Vehicle Percentages

18:45 - 19:00

		To		
From		A - R395 East	B - Quarry Access	C - R395 West
	A - R395 East	0	100	0
	B - Quarry Access	100	0	100
	C - R395 West	11	100	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (Veh)	Max LOS	Average Demand (Veh/TS)	Total Junction Arrivals (Veh)
B-C	0.02	11.09	0.0	B	0.35	16.62
B-A	0.01	15.79	0.0	C	0.25	12.15
C-AB	0.02	10.84	0.0	B	0.48	22.81
C-A					17.22	826.68
A-B					0.24	11.35
A-C					18.57	891.35

Main Results for each time segment

07:00 - 07:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.18	0.18	85.99	0.002	0.17	0.0	0.0	10.487	B
B-A	0.18	0.18	66.26	0.003	0.17	0.0	0.0	13.618	B
C-AB	0.34	0.34	85.93	0.004	0.34	0.0	0.0	10.515	B
C-A	9.02	9.02			9.02				
A-B	0.30	0.30			0.30				
A-C	2.29	2.29			2.29				

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-C	0.18	0.18	84.62	0.002	0.18	0.0	0.0	10.657	B
B-A	0.18	0.18	65.12	0.003	0.18	0.0	0.0	13.856	B
C-AB	0.33	0.33	82.59	0.004	0.33	0.0	0.0	10.836	B
C-A	6.62	6.62			6.62				
A-B	0.30	0.30			0.30				
A-C	11.35	11.35			11.35				

07:30 - 07:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.18	0.18	84.38	0.002	0.18	0.0	0.0	10.688	B
B-A	0.18	0.18	64.29	0.003	0.18	0.0	0.0	14.037	B
C-AB	0.36	0.36	87.78	0.004	0.36	0.0	0.0	10.455	B
C-A	13.36	13.36			13.36				
A-B	0.30	0.30			0.30				
A-C	11.12	11.12			11.12				

07:45 - 08:00

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.18	0.18	83.42	0.002	0.18	0.0	0.0	10.810	B
B-A	0.18	0.18	62.85	0.003	0.18	0.0	0.0	14.359	B
C-AB	0.40	0.40	93.90	0.004	0.40	0.0	0.0	9.852	A
C-A	21.47	21.47			21.47				
A-B	0.30	0.30			0.30				
A-C	19.27	19.27			19.27				

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-C	0.19	0.19	84.47	0.002	0.19	0.0	0.0	10.677	B
B-A	0.19	0.19	63.99	0.003	0.19	0.0	0.0	14.105	B
C-AB	0.25	0.25	91.53	0.003	0.26	0.0	0.0	9.680	A
C-A	17.84	17.84			17.84				
A-B	0.20	0.20			0.20				
A-C	12.50	12.50			12.50				

08:15 - 08:30

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.19	0.19	84.44	0.002	0.19	0.0	0.0	10.681	B
B-A	0.19	0.19	63.99	0.003	0.19	0.0	0.0	14.103	B
C-AB	0.26	0.26	94.14	0.003	0.26	0.0	0.0	9.732	A
C-A	20.47	20.47			20.47				
A-B	0.20	0.20			0.20				
A-C	13.76	13.76			13.76				

08:30 - 08:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.19	0.19	84.30	0.002	0.19	0.0	0.0	10.699	B
B-A	0.19	0.19	63.17	0.003	0.19	0.0	0.0	14.287	B
C-AB	2.49	2.49	145.43	0.017	2.47	0.0	0.0	6.610	A
C-A	22.21	22.21			22.21				
A-B	0.95	0.95			0.95				
A-C	12.39	12.39			12.39				

08:45 - 09:00

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.19	0.19	83.62	0.002	0.19	0.0	0.0	10.785	B
B-A	0.19	0.19	63.18	0.003	0.19	0.0	0.0	14.287	B
C-AB	1.12	1.12	122.70	0.009	1.13	0.0	0.0	6.730	A
C-A	17.95	17.95			17.95				
A-B	0.95	0.95			0.95				
A-C	19.50	19.50			19.50				

09:00 - 09:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.21	0.21	83.33	0.003	0.21	0.0	0.0	10.826	B
B-A	0.21	0.21	62.87	0.003	0.21	0.0	0.0	14.361	B
C-AB	1.20	1.20	118.46	0.010	1.20	0.0	0.0	7.562	A
C-A	19.19	19.19			19.19				
A-B	1.00	1.00			1.00				
A-C	20.53	20.53			20.53				

09:15 - 09:30

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.21	0.21	82.17	0.003	0.21	0.0	0.0	10.980	B
B-A	0.21	0.21	61.54	0.003	0.21	0.0	0.0	14.674	B
C-AB	1.22	1.22	118.50	0.010	1.22	0.0	0.0	7.676	A
C-A	21.34	21.34			21.34				
A-B	1.00	1.00			1.00				
A-C	27.18	27.18			27.18				

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-C	0.21	0.21	83.97	0.003	0.21	0.0	0.0	10.746	B
B-A	0.21	0.21	64.35	0.003	0.21	0.0	0.0	14.033	B
C-AB	0.28	0.28	86.08	0.003	0.29	0.0	0.0	8.365	A
C-A	10.17	10.17			10.17				
A-B	0.25	0.25			0.25				
A-C	17.20	17.20			17.20				

09:45 - 10:00

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	1.36	1.36	127.19	0.011	1.35	0.0	0.0	7.676	A
B-A	0.21	0.21	58.83	0.004	0.21	0.0	0.0	15.350	C
C-AB	2.82	2.82	138.32	0.020	2.80	0.0	0.0	7.010	A
C-A	13.26	13.26			13.26				
A-B	0.25	0.25			0.25				
A-C	16.97	16.97			16.97				

10:00 - 10:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	1.32	1.32	132.00	0.010	1.32	0.0	0.0	7.016	A
B-A	0.17	0.17	59.41	0.003	0.17	0.0	0.0	15.195	C
C-AB	0.17	0.17	86.52	0.002	0.20	0.0	0.0	6.980	A
C-A	6.75	6.75			6.75				
A-B	0.16	0.16			0.16				
A-C	18.12	18.12			18.12				

10:15 - 10:30

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.17	0.17	87.05	0.002	0.18	0.0	0.0	7.044	A
B-A	0.17	0.17	64.48	0.003	0.17	0.0	0.0	13.996	B
C-AB	1.47	1.47	137.18	0.011	1.46	0.0	0.0	7.031	A
C-A	15.54	15.54			15.54				
A-B	0.16	0.16			0.16				
A-C	9.18	9.18			9.18				

10:30 - 10:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.17	0.17	84.00	0.002	0.17	0.0	0.0	10.735	B
B-A	0.17	0.17	64.09	0.003	0.17	0.0	0.0	14.080	B
C-AB	1.33	1.33	84.24	0.016	1.33	0.0	0.0	8.795	A
C-A	8.80	8.80			8.80				
A-B	0.16	0.16			0.16				
A-C	15.94	15.94			15.94				

10:45 - 11:00

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.17	0.17	84.33	0.002	0.17	0.0	0.0	10.693	B
B-A	0.17	0.17	64.70	0.003	0.17	0.0	0.0	13.945	B
C-AB	0.18	0.18	85.66	0.002	0.19	0.0	0.0	10.677	B
C-A	10.18	10.18			10.18				
A-B	0.16	0.16			0.16				
A-C	13.65	13.65			13.65				

11:00 - 11:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	2.33	2.33	112.94	0.021	2.31	0.0	0.0	8.291	A
B-A	1.30	1.30	101.41	0.013	1.29	0.0	0.0	9.653	A
C-AB	0.19	0.19	88.06	0.002	0.19	0.0	0.0	10.320	B
C-A	12.59	12.59			12.59				
A-B	0.16	0.16			0.16				
A-C	10.21	10.21			10.21				

11:15 - 11:30

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.15	0.15	86.42	0.002	0.17	0.0	0.0	8.537	A
B-A	0.15	0.15	66.01	0.002	0.17	0.0	0.0	9.205	A
C-AB	0.19	0.19	88.21	0.002	0.19	0.0	0.0	10.261	B
C-A	13.73	13.73			13.73				
A-B	0.16	0.16			0.16				
A-C	17.09	17.09			17.09				

11:30 - 11:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.15	0.15	84.20	0.002	0.15	0.0	0.0	10.708	B
B-A	0.15	0.15	64.53	0.002	0.15	0.0	0.0	13.978	B
C-AB	0.19	0.19	86.59	0.002	0.19	0.0	0.0	10.352	B
C-A	11.44	11.44			11.44				
A-B	0.16	0.16			0.16				
A-C	14.79	14.79			14.79				

11:45 - 12:00

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.15	0.15	83.91	0.002	0.15	0.0	0.0	10.745	B
B-A	0.15	0.15	63.57	0.002	0.15	0.0	0.0	14.191	B
C-AB	0.21	0.21	93.93	0.002	0.21	0.0	0.0	9.822	A
C-A	20.60	20.60			20.60				
A-B	0.16	0.16			0.16				
A-C	15.83	15.83			15.83				

12:00 - 12:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.15	0.15	83.23	0.002	0.15	0.0	0.0	10.832	B
B-A	0.15	0.15	63.05	0.002	0.15	0.0	0.0	14.307	B
C-AB	0.16	0.16	92.48	0.002	0.16	0.0	0.0	9.722	A
C-A	19.46	19.46			19.46				
A-B	0.12	0.12			0.12				
A-C	22.94	22.94			22.94				

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-C	0.15	0.15	84.49	0.002	0.15	0.0	0.0	10.670	B
B-A	0.15	0.15	64.51	0.002	0.15	0.0	0.0	13.984	B
C-AB	0.15	0.15	89.48	0.002	0.15	0.0	0.0	9.916	A
C-A	14.77	14.77			14.77				
A-B	0.12	0.12			0.12				
A-C	12.50	12.50			12.50				

12:30 - 12:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.15	0.15	84.19	0.002	0.15	0.0	0.0	10.709	B
B-A	0.15	0.15	64.58	0.002	0.15	0.0	0.0	13.968	B
C-AB	0.14	0.14	85.37	0.002	0.14	0.0	0.0	10.429	B
C-A	10.19	10.19			10.19				
A-B	0.12	0.12			0.12				
A-C	14.79	14.79			14.79				

12:45 - 13:00

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.15	0.15	84.31	0.002	0.15	0.0	0.0	10.694	B
B-A	0.15	0.15	64.53	0.002	0.15	0.0	0.0	13.978	B
C-AB	0.14	0.14	86.14	0.002	0.14	0.0	0.0	10.462	B
C-A	11.22	11.22			11.22				
A-B	0.12	0.12			0.12				
A-C	14.91	14.91			14.91				

13:00 - 13:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.21	0.21	84.93	0.003	0.21	0.0	0.0	10.623	B
B-A	0.21	0.21	64.74	0.003	0.21	0.0	0.0	13.948	B
C-AB	0.24	0.24	90.47	0.003	0.24	0.0	0.0	10.063	B
C-A	15.78	15.78			15.78				
A-B	0.20	0.20			0.20				
A-C	9.06	9.06			9.06				

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-C	0.21	0.21	84.43	0.003	0.21	0.0	0.0	10.685	B
B-A	0.21	0.21	64.46	0.003	0.21	0.0	0.0	14.007	B
C-AB	0.24	0.24	88.18	0.003	0.24	0.0	0.0	10.174	B
C-A	13.50	13.50			13.50				
A-B	0.20	0.20			0.20				
A-C	13.76	13.76			13.76				

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-C	0.21	0.21	82.50	0.003	0.21	0.0	0.0	10.937	B
B-A	0.21	0.21	61.46	0.003	0.21	0.0	0.0	14.692	B
C-AB	0.29	0.29	101.30	0.003	0.29	0.0	0.0	9.320	A
C-A	30.88	30.88			30.88				
A-B	0.20	0.20			0.20				
A-C	26.15	26.15			26.15				

13:45 - 14:00

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.21	0.21	84.37	0.003	0.21	0.0	0.0	10.693	B
B-A	0.21	0.21	63.85	0.003	0.21	0.0	0.0	14.141	B
C-AB	0.26	0.26	95.13	0.003	0.26	0.0	0.0	9.241	A
C-A	21.62	21.62			21.62				
A-B	0.20	0.20			0.20				
A-C	11.12	11.12			11.12				

14:00 - 14:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.23	0.23	82.15	0.003	0.23	0.0	0.0	10.984	B
B-A	0.23	0.23	62.59	0.004	0.23	0.0	0.0	14.430	B
C-AB	0.26	0.26	84.54	0.003	0.26	0.0	0.0	10.407	B
C-A	11.32	11.32			11.32				
A-B	0.22	0.22			0.22				
A-C	29.70	29.70			29.70				

14:15 - 14:30

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.23	0.23	83.26	0.003	0.23	0.0	0.0	10.838	B
B-A	0.23	0.23	63.53	0.004	0.23	0.0	0.0	14.216	B
C-AB	0.26	0.26	86.44	0.003	0.26	0.0	0.0	10.471	B
C-A	12.46	12.46			12.46				
A-B	0.22	0.22			0.22				
A-C	20.41	20.41			20.41				

14:30 - 14:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.23	0.23	83.35	0.003	0.23	0.0	0.0	10.826	B
B-A	0.23	0.23	62.11	0.004	0.23	0.0	0.0	14.543	B
C-AB	0.32	0.32	101.49	0.003	0.32	0.0	0.0	9.239	A
C-A	30.64	30.64			30.64				
A-B	0.22	0.22			0.22				
A-C	21.79	21.79			21.79				

14:45 - 15:00

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.23	0.23	83.72	0.003	0.23	0.0	0.0	10.779	B
B-A	0.23	0.23	62.61	0.004	0.23	0.0	0.0	14.425	B
C-AB	0.32	0.32	101.19	0.003	0.32	0.0	0.0	8.925	A
C-A	29.61	29.61			29.61				
A-B	0.22	0.22			0.22				
A-C	16.97	16.97			16.97				

15:00 - 15:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.15	0.15	81.87	0.002	0.15	0.0	0.0	11.013	B
B-A	0.15	0.15	61.73	0.002	0.15	0.0	0.0	14.614	B
C-AB	1.52	1.52	132.18	0.012	1.51	0.0	0.0	7.366	A
C-A	17.01	17.01			17.01				
A-B	0.18	0.18			0.18				
A-C	32.00	32.00			32.00				

15:15 - 15:30

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.90	0.90	125.17	0.007	0.89	0.0	0.0	7.779	A
B-A	0.90	0.90	94.15	0.010	0.89	0.0	0.0	10.365	B
C-AB	0.24	0.24	96.19	0.003	0.25	0.0	0.0	6.998	A
C-A	22.76	22.76			22.76				
A-B	0.18	0.18			0.18				
A-C	27.30	27.30			27.30				

15:30 - 15:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.90	0.90	126.37	0.007	0.90	0.0	0.0	7.172	A
B-A	0.90	0.90	95.87	0.009	0.90	0.0	0.0	9.477	A
C-AB	0.22	0.22	89.83	0.002	0.22	0.0	0.0	9.842	A
C-A	16.93	16.93			16.93				
A-B	0.18	0.18			0.18				
A-C	24.09	24.09			24.09				

15:45 - 16:00

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.90	0.90	124.83	0.007	0.90	0.0	0.0	7.261	A
B-A	0.90	0.90	93.07	0.010	0.90	0.0	0.0	9.763	A
C-AB	0.25	0.25	98.48	0.003	0.25	0.0	0.0	9.411	A
C-A	28.37	28.37			28.37				
A-B	0.18	0.18			0.18				
A-C	29.59	29.59			29.59				

16:00 - 16:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.89	0.89	125.42	0.007	0.89	0.0	0.0	7.274	A
B-A	0.89	0.89	92.01	0.010	0.89	0.0	0.0	9.943	A
C-AB	0.22	0.22	105.09	0.002	0.22	0.0	0.0	8.715	A
C-A	37.31	37.31			37.31				
A-B	0.14	0.14			0.14				
A-C	32.80	32.80			32.80				

16:15 - 16:30

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.14	0.14	85.60	0.002	0.15	0.0	0.0	7.448	A
B-A	0.14	0.14	66.08	0.002	0.15	0.0	0.0	9.712	A
C-AB	0.16	0.16	86.66	0.002	0.16	0.0	0.0	9.822	A
C-A	11.45	11.45			11.45				
A-B	0.14	0.14			0.14				
A-C	16.06	16.06			16.06				

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-C	0.14	0.14	81.31	0.002	0.14	0.0	0.0	11.087	B
B-A	0.14	0.14	61.35	0.002	0.14	0.0	0.0	14.701	B
C-AB	0.17	0.17	88.52	0.002	0.17	0.0	0.0	10.316	B
C-A	17.06	17.06			17.06				
A-B	0.14	0.14			0.14				
A-C	35.32	35.32			35.32				

16:45 - 17:00

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.14	0.14	82.99	0.002	0.14	0.0	0.0	10.862	B
B-A	0.14	0.14	62.91	0.002	0.14	0.0	0.0	14.337	B
C-AB	0.17	0.17	91.26	0.002	0.17	0.0	0.0	9.936	A
C-A	18.32	18.32			18.32				
A-B	0.14	0.14			0.14				
A-C	22.71	22.71			22.71				

17:00 - 17:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.17	0.17	84.01	0.002	0.17	0.0	0.0	10.734	B
B-A	0.17	0.17	63.89	0.003	0.17	0.0	0.0	14.123	B
C-AB	0.06	0.06	92.34	0.001	0.06	0.0	0.0	9.757	A
C-A	18.34	18.34			18.34				
A-B	0.05	0.05			0.05				
A-C	17.20	17.20			17.20				

17:15 - 17:30

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	1.31	1.31	129.68	0.010	1.31	0.0	0.0	7.496	A
B-A	0.17	0.17	57.16	0.003	0.17	0.0	0.0	15.792	C
C-AB	0.06	0.06	89.04	0.001	0.06	0.0	0.0	10.053	B
C-A	17.08	17.08			17.08				
A-B	0.05	0.05			0.05				
A-C	29.36	29.36			29.36				

17:30 - 17:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.17	0.17	84.49	0.002	0.18	0.0	0.0	7.238	A
B-A	0.17	0.17	61.74	0.003	0.17	0.0	0.0	14.615	B
C-AB	1.40	1.40	155.99	0.009	1.39	0.0	0.0	5.988	A
C-A	22.73	22.73			22.73				
A-B	0.05	0.05			0.05				
A-C	26.03	26.03			26.03				

17:45 - 18:00

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.17	0.17	83.71	0.002	0.17	0.0	0.0	10.773	B
B-A	0.17	0.17	62.68	0.003	0.17	0.0	0.0	14.399	B
C-AB	0.07	0.07	107.23	0.001	0.08	0.0	0.0	5.681	A
C-A	29.68	29.68			29.68				
A-B	0.05	0.05			0.05				
A-C	18.24	18.24			18.24				

18:00 - 18:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.05	0.05	84.76	0.001	0.05	0.0	0.0	10.626	B
B-A	0.05	0.05	64.63	0.001	0.05	0.0	0.0	13.937	B
C-AB	0.12	0.12	91.57	0.001	0.12	0.0	0.0	9.596	A
C-A	17.07	17.07			17.07				
A-B	0.10	0.10			0.10				
A-C	11.47	11.47			11.47				

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-C	0.05	0.05	83.73	0.001	0.05	0.0	0.0	10.754	B
B-A	0.05	0.05	63.78	0.001	0.05	0.0	0.0	14.124	B
C-AB	0.12	0.12	88.75	0.001	0.12	0.0	0.0	10.101	B
C-A	14.77	14.77			14.77				
A-B	0.10	0.10			0.10				
A-C	19.50	19.50			19.50				

18:30 - 18:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.05	0.05	83.58	0.001	0.05	0.0	0.0	10.774	B
B-A	0.05	0.05	64.42	0.001	0.05	0.0	0.0	13.982	B
C-AB	0.11	0.11	81.27	0.001	0.11	0.0	0.0	10.835	B
C-A	5.73	5.73			5.73				
A-B	0.10	0.10			0.10				
A-C	20.64	20.64			20.64				

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-C	0.05	0.05	84.19	0.001	0.05	0.0	0.0	10.697	B
B-A	0.05	0.05	63.86	0.001	0.05	0.0	0.0	14.102	B
C-AB	0.12	0.12	91.69	0.001	0.12	0.0	0.0	10.086	B
C-A	18.10	18.10			18.10				
A-B	0.10	0.10			0.10				
A-C	16.06	16.06			16.06				

+5+Adj+Dev, 12hrs

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	Quarry Access	T-Junction	Two-way		0.48	A

Junction Network Options

Driving side	Lighting
Left	Normal/unknown

Traffic Demand

Demand Set Details

ID	Scenario name	Time Period 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
D11	+5+Adj+Dev	12hrs	DIRECT	07:00	19:00	720	15	✓	Simple	D3+D6+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 - R395 East		DIRECT	✓	100.000
B - Quarry Access		DIRECT	✓	100.000
C - R395 West		DIRECT	✓	100.000

Origin-Destination Data

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
07:00 - 07:15	From			
	A - R395 East	0.00	0.30	2.48
	B - Quarry Access	0.18	0.00	0.18
	C - R395 West	9.90	0.30	0.00

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
07:15 - 07:30	From			
	A - R395 East	0.00	0.30	12.39
	B - Quarry Access	0.18	0.00	0.18
	C - R395 West	7.38	0.30	0.00

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
07:30 - 07:45	From			
	A - R395 East	0.00	0.30	12.31
	B - Quarry Access	0.18	0.00	0.18
	C - R395 West	14.80	0.30	0.00

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
07:45 - 08:00	From			
	A - R395 East	0.00	0.30	21.04
	B - Quarry Access	0.18	0.00	0.18
	C - R395 West	23.53	0.30	0.00

08:00 - 08:15

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.20	13.63
	B - Quarry Access	0.19	0.00	0.19
	C - R395 West	19.73	0.20	0.00

08:15 - 08:30

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.20	14.91
	B - Quarry Access	0.19	0.00	0.19
	C - R395 West	22.32	0.20	0.00

08:30 - 08:45

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.95	13.59
	B - Quarry Access	0.19	0.00	0.19
	C - R395 West	24.73	2.20	0.00

08:45 - 09:00

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.95	21.12
	B - Quarry Access	0.19	0.00	0.19
	C - R395 West	19.80	0.95	0.00

09:00 - 09:15

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	1.00	22.32
	B - Quarry Access	0.21	0.00	0.21
	C - R395 West	21.08	1.00	0.00

09:15 - 09:30

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	1.00	29.70
	B - Quarry Access	0.21	0.00	0.21
	C - R395 West	23.53	1.00	0.00

09:30 - 09:45

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.25	18.63
	B - Quarry Access	0.21	0.00	0.21
	C - R395 West	11.14	0.25	0.00

09:45 - 10:00

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.25	18.56
	B - Quarry Access	0.21	0.00	1.45
	C - R395 West	14.83	2.73	0.00

10:00 - 10:15

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.16	19.80
	B - Quarry Access	0.17	0.00	1.41
	C - R395 West	7.42	0.16	0.00

10:15 - 10:30

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.16	9.94
	B - Quarry Access	0.17	0.00	0.17
	C - R395 West	17.28	1.40	0.00

10:30 - 10:45

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.16	17.35
	B - Quarry Access	0.17	0.00	0.17
	C - R395 West	9.86	1.36	0.00

10:45 - 11:00

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.16	14.87
	B - Quarry Access	0.17	0.00	0.17
	C - R395 West	11.14	0.16	0.00

11:00 - 11:15

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.16	11.14
	B - Quarry Access	1.40	0.00	2.60
	C - R395 West	13.66	0.16	0.00

11:15 - 11:30

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.16	18.60
	B - Quarry Access	0.15	0.00	0.15
	C - R395 West	14.91	0.16	0.00

11:30 - 11:45

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.16	16.11
	B - Quarry Access	0.15	0.00	0.15
	C - R395 West	12.42	0.16	0.00

11:45 - 12:00

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.16	17.32
	B - Quarry Access	0.15	0.00	0.15
	C - R395 West	22.36	0.16	0.00

12:00 - 12:15

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.12	24.85
	B - Quarry Access	0.15	0.00	0.15
	C - R395 West	21.12	0.12	0.00

12:15 - 12:30

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.12	13.63
	B - Quarry Access	0.15	0.00	0.15
	C - R395 West	16.11	0.12	0.00

12:30 - 12:45

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.12	16.11
	B - Quarry Access	0.15	0.00	0.15
	C - R395 West	11.14	0.12	0.00

12:45 - 13:00

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.12	16.15
	B - Quarry Access	0.15	0.00	0.15
	C - R395 West	12.35	0.12	0.00

13:00 - 13:15

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.20	9.90
	B - Quarry Access	0.21	0.00	0.21
	C - R395 West	17.32	0.20	0.00

Demand (Veh/TS)

13:15 - 13:30

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.20	14.91
	B - Quarry Access	0.21	0.00	0.21
	C - R395 West	14.83	0.20	0.00

Demand (Veh/TS)

13:30 - 13:45

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.20	28.50
	B - Quarry Access	0.21	0.00	0.21
	C - R395 West	33.54	0.20	0.00

Demand (Veh/TS)

13:45 - 14:00

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.20	12.31
	B - Quarry Access	0.21	0.00	0.21
	C - R395 West	23.57	0.20	0.00

Demand (Veh/TS)

14:00 - 14:15

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.22	32.26
	B - Quarry Access	0.23	0.00	0.23
	C - R395 West	12.39	0.22	0.00

Demand (Veh/TS)

14:15 - 14:30

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.22	22.29
	B - Quarry Access	0.23	0.00	0.23
	C - R395 West	13.63	0.22	0.00

Demand (Veh/TS)

14:30 - 14:45

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.22	23.60
	B - Quarry Access	0.23	0.00	0.23
	C - R395 West	33.47	0.22	0.00

Demand (Veh/TS)

14:45 - 15:00

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.22	18.56
	B - Quarry Access	0.23	0.00	0.23
	C - R395 West	32.26	0.22	0.00

Demand (Veh/TS)

15:00 - 15:15

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.18	34.75
	B - Quarry Access	0.15	0.00	0.15
	C - R395 West	18.63	1.42	0.00

Demand (Veh/TS)

15:15 - 15:30

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.18	29.74
	B - Quarry Access	0.90	0.00	0.90
	C - R395 West	24.81	0.18	0.00

15:30 - 15:45

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.18	26.09
	B - Quarry Access	0.90	0.00	0.90
	C - R395 West	18.56	0.18	0.00

Demand (Veh/TS)

15:45 - 16:00

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.18	32.22
	B - Quarry Access	0.90	0.00	0.90
	C - R395 West	30.98	0.18	0.00

Demand (Veh/TS)

16:00 - 16:15

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.14	35.88
	B - Quarry Access	0.89	0.00	0.89
	C - R395 West	40.85	0.14	0.00

Demand (Veh/TS)

16:15 - 16:30

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.14	17.39
	B - Quarry Access	0.14	0.00	0.14
	C - R395 West	12.42	0.14	0.00

Demand (Veh/TS)

16:30 - 16:45

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.14	38.44
	B - Quarry Access	0.14	0.00	0.14
	C - R395 West	18.60	0.14	0.00

Demand (Veh/TS)

16:45 - 17:00

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.14	24.77
	B - Quarry Access	0.14	0.00	0.14
	C - R395 West	19.88	0.14	0.00

Demand (Veh/TS)

17:00 - 17:15

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.05	18.63
	B - Quarry Access	0.17	0.00	0.17
	C - R395 West	19.88	0.05	0.00

Demand (Veh/TS)

17:15 - 17:30

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.05	32.15
	B - Quarry Access	0.17	0.00	1.41
	C - R395 West	18.60	0.05	0.00

Demand (Veh/TS)

17:30 - 17:45

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.05	28.46
	B - Quarry Access	0.17	0.00	0.17
	C - R395 West	24.85	1.29	0.00

Demand (Veh/TS)

17:45 - 18:00

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.05	19.84
	B - Quarry Access	0.17	0.00	0.17
	C - R395 West	32.26	0.05	0.00

18:00 - 18:15

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.10	12.42
	B - Quarry Access	0.05	0.00	0.05
	C - R395 West	18.60	0.10	0.00

Demand (Veh/TS)

18:15 - 18:30

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.10	21.12
	B - Quarry Access	0.05	0.00	0.05
	C - R395 West	16.11	0.10	0.00

Demand (Veh/TS)

18:30 - 18:45

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.10	22.36
	B - Quarry Access	0.05	0.00	0.05
	C - R395 West	6.21	0.10	0.00

Demand (Veh/TS)

18:45 - 19:00

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.10	17.39
	B - Quarry Access	0.05	0.00	0.05
	C - R395 West	19.80	0.10	0.00

Vehicle Mix

Heavy Vehicle Percentages

07:00 - 07:15

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	100	0
	B - Quarry Access	100	0	100
	C - R395 West	12	100	0

Heavy Vehicle Percentages

07:15 - 07:30

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	100	10
	B - Quarry Access	100	0	100
	C - R395 West	33	100	0

Heavy Vehicle Percentages

07:30 - 07:45

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	100	29
	B - Quarry Access	100	0	100
	C - R395 West	24	100	0

Heavy Vehicle Percentages

07:45 - 08:00

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	100	11
	B - Quarry Access	100	0	100
	C - R395 West	10	100	0

Heavy Vehicle Percentages

08:00 - 08:15

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	100	9
	B - Quarry Access	100	0	100
	C - R395 West	24	100	0

08:15 - 08:30

Heavy Vehicle Percentages

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	100	0
	B - Quarry Access	100	0	100
	C - R395 West	5	100	0

Heavy Vehicle Percentages

08:30 - 08:45

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	40	18
	B - Quarry Access	100	0	100
	C - R395 West	15	17	0

Heavy Vehicle Percentages

08:45 - 09:00

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	40	0
	B - Quarry Access	100	0	100
	C - R395 West	12	40	0

Heavy Vehicle Percentages

09:00 - 09:15

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	47	5
	B - Quarry Access	100	0	100
	C - R395 West	6	47	0

Heavy Vehicle Percentages

09:15 - 09:30

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	47	12
	B - Quarry Access	100	0	100
	C - R395 West	10	47	0

Heavy Vehicle Percentages

09:30 - 09:45

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	100	0
	B - Quarry Access	100	0	100
	C - R395 West	11	100	0

Heavy Vehicle Percentages

09:45 - 10:00

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	100	13
	B - Quarry Access	100	0	27
	C - R395 West	16	17	0

Heavy Vehicle Percentages

10:00 - 10:15

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	100	12
	B - Quarry Access	100	0	23
	C - R395 West	16	100	0

Heavy Vehicle Percentages

10:15 - 10:30

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	100	0
	B - Quarry Access	100	0	100
	C - R395 West	21	21	0

Heavy Vehicle Percentages

10:30 - 10:45

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	100	7
	B - Quarry Access	100	0	100
	C - R395 West	24	100	0

10:45 - 11:00

Heavy Vehicle Percentages

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	100	8
	B - Quarry Access	100	0	100
	C - R395 West	11	100	0

Heavy Vehicle Percentages

11:00 - 11:15

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	100	11
	B - Quarry Access	21	0	57
	C - R395 West	0	100	0

Heavy Vehicle Percentages

11:15 - 11:30

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	100	6
	B - Quarry Access	100	0	100
	C - R395 West	0	100	0

Heavy Vehicle Percentages

11:30 - 11:45

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	100	7
	B - Quarry Access	100	0	100
	C - R395 West	0	100	0

Heavy Vehicle Percentages

11:45 - 12:00

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	100	14
	B - Quarry Access	100	0	100
	C - R395 West	0	100	0

Heavy Vehicle Percentages

12:00 - 12:15

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	100	0
	B - Quarry Access	100	0	100
	C - R395 West	0	100	0

Heavy Vehicle Percentages

12:15 - 12:30

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	100	9
	B - Quarry Access	100	0	100
	C - R395 West	7	100	0

Heavy Vehicle Percentages

12:30 - 12:45

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	100	7
	B - Quarry Access	100	0	100
	C - R395 West	11	100	0

Heavy Vehicle Percentages

12:45 - 13:00

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	100	0
	B - Quarry Access	100	0	100
	C - R395 West	20	100	0

Heavy Vehicle Percentages

13:00 - 13:15

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	100	12
	B - Quarry Access	100	0	100
	C - R395 West	14	100	0

13:15 - 13:30

Heavy Vehicle Percentages

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	100	0
	B - Quarry Access	100	0	100
	C - R395 West	16	100	0

Heavy Vehicle Percentages

13:30 - 13:45

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	100	8
	B - Quarry Access	100	0	100
	C - R395 West	0	100	0

Heavy Vehicle Percentages

13:45 - 14:00

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	100	29
	B - Quarry Access	100	0	100
	C - R395 West	5	100	0

Heavy Vehicle Percentages

14:00 - 14:15

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	100	4
	B - Quarry Access	100	0	100
	C - R395 West	10	100	0

Heavy Vehicle Percentages

14:15 - 14:30

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	100	11
	B - Quarry Access	100	0	100
	C - R395 West	9	100	0

Heavy Vehicle Percentages

14:30 - 14:45

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	100	0
	B - Quarry Access	100	0	100
	C - R395 West	7	100	0

Heavy Vehicle Percentages

14:45 - 15:00

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	100	13
	B - Quarry Access	100	0	100
	C - R395 West	4	100	0

Heavy Vehicle Percentages

15:00 - 15:15

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	100	3
	B - Quarry Access	100	0	100
	C - R395 West	0	23	0

Heavy Vehicle Percentages

15:15 - 15:30

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	100	8
	B - Quarry Access	31	0	31
	C - R395 West	5	100	0

Heavy Vehicle Percentages

15:30 - 15:45

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	100	0
	B - Quarry Access	31	0	31
	C - R395 West	13	100	0

15:45 - 16:00

Heavy Vehicle Percentages

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	100	7
	B - Quarry Access	31	0	31
	C - R395 West	8	100	0

Heavy Vehicle Percentages

16:00 - 16:15

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	100	13
	B - Quarry Access	29	0	29
	C - R395 West	12	100	0

Heavy Vehicle Percentages

16:15 - 16:30

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	100	0
	B - Quarry Access	100	0	100
	C - R395 West	0	100	0

Heavy Vehicle Percentages

16:30 - 16:45

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	100	6
	B - Quarry Access	100	0	100
	C - R395 West	6	100	0

Heavy Vehicle Percentages

16:45 - 17:00

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	100	10
	B - Quarry Access	100	0	100
	C - R395 West	0	100	0

Heavy Vehicle Percentages

17:00 - 17:15

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	100	0
	B - Quarry Access	100	0	100
	C - R395 West	0	100	0

Heavy Vehicle Percentages

17:15 - 17:30

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	100	15
	B - Quarry Access	100	0	22
	C - R395 West	6	100	0

Heavy Vehicle Percentages

17:30 - 17:45

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	100	13
	B - Quarry Access	100	0	100
	C - R395 West	0	7	0

Heavy Vehicle Percentages

17:45 - 18:00

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	100	6
	B - Quarry Access	100	0	100
	C - R395 West	4	100	0

Heavy Vehicle Percentages

18:00 - 18:15

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	100	0
	B - Quarry Access	100	0	100
	C - R395 West	6	100	0

18:15 - 18:30

Heavy Vehicle Percentages

		To		
From		A - R395 East	B - Quarry Access	C - R395 West
	A - R395 East	0	100	0
	B - Quarry Access	100	0	100
	C - R395 West	7	100	0

Heavy Vehicle Percentages

18:30 - 18:45

		To		
From		A - R395 East	B - Quarry Access	C - R395 West
	A - R395 East	0	100	0
	B - Quarry Access	100	0	100
	C - R395 West	0	100	0

Heavy Vehicle Percentages

18:45 - 19:00

		To		
From		A - R395 East	B - Quarry Access	C - R395 West
	A - R395 East	0	100	0
	B - Quarry Access	100	0	100
	C - R395 West	12	100	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (Veh)	Max LOS	Average Demand (Veh/TS)	Total Junction Arrivals (Veh)
B-C	0.02	11.15	0.0	B	0.36	17.17
B-A	0.01	15.97	0.0	C	0.26	12.24
C-AB	0.02	10.79	0.0	B	0.50	24.00
C-A					18.76	900.60
A-B					0.24	11.35
A-C					20.22	970.55

Main Results for each time segment

07:00 - 07:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.18	0.18	85.96	0.002	0.17	0.0	0.0	10.490	B
B-A	0.18	0.18	66.15	0.003	0.17	0.0	0.0	13.640	B
C-AB	0.34	0.34	86.57	0.004	0.34	0.0	0.0	10.437	B
C-A	9.86	9.86			9.86				
A-B	0.30	0.30			0.30				
A-C	2.48	2.48			2.48				

07:15 - 07:30

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.18	0.18	84.46	0.002	0.18	0.0	0.0	10.677	B
B-A	0.18	0.18	64.89	0.003	0.18	0.0	0.0	13.906	B
C-AB	0.33	0.33	82.99	0.004	0.33	0.0	0.0	10.776	B
C-A	7.35	7.35			7.35				
A-B	0.30	0.30			0.30				
A-C	12.39	12.39			12.39				

07:30 - 07:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.18	0.18	84.15	0.002	0.18	0.0	0.0	10.717	B
B-A	0.18	0.18	63.92	0.003	0.18	0.0	0.0	14.117	B
C-AB	0.37	0.37	88.63	0.004	0.37	0.0	0.0	10.366	B
C-A	14.73	14.73			14.73				
A-B	0.30	0.30			0.30				
A-C	12.31	12.31			12.31				

07:45 - 08:00

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.18	0.18	83.14	0.002	0.18	0.0	0.0	10.847	B
B-A	0.18	0.18	62.40	0.003	0.18	0.0	0.0	14.462	B
C-AB	0.40	0.40	95.24	0.004	0.40	0.0	0.0	9.730	A
C-A	23.43	23.43			23.43				
A-B	0.30	0.30			0.30				
A-C	21.04	21.04			21.04				

08:00 - 08:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.19	0.19	84.30	0.002	0.19	0.0	0.0	10.699	B
B-A	0.19	0.19	63.63	0.003	0.19	0.0	0.0	14.185	B
C-AB	0.26	0.26	92.80	0.003	0.26	0.0	0.0	9.534	A
C-A	19.67	19.67			19.67				
A-B	0.20	0.20			0.20				
A-C	13.63	13.63			13.63				

08:15 - 08:30

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.19	0.19	84.29	0.002	0.19	0.0	0.0	10.700	B
B-A	0.19	0.19	63.70	0.003	0.19	0.0	0.0	14.169	B
C-AB	0.27	0.27	95.47	0.003	0.27	0.0	0.0	9.608	A
C-A	22.26	22.26			22.26				
A-B	0.20	0.20			0.20				
A-C	14.91	14.91			14.91				

08:30 - 08:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.19	0.19	84.09	0.002	0.19	0.0	0.0	10.725	B
B-A	0.19	0.19	62.75	0.003	0.19	0.0	0.0	14.383	B
C-AB	2.64	2.64	147.33	0.018	2.62	0.0	0.0	6.518	A
C-A	24.29	24.29			24.29				
A-B	0.95	0.95			0.95				
A-C	13.59	13.59			13.59				

08:45 - 09:00

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.19	0.19	83.41	0.002	0.19	0.0	0.0	10.814	B
B-A	0.19	0.19	62.82	0.003	0.19	0.0	0.0	14.369	B
C-AB	1.14	1.14	123.65	0.009	1.15	0.0	0.0	6.654	A
C-A	19.62	19.62			19.62				
A-B	0.95	0.95			0.95				
A-C	21.12	21.12			21.12				

09:00 - 09:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.21	0.21	83.07	0.003	0.21	0.0	0.0	10.861	B
B-A	0.21	0.21	62.48	0.003	0.21	0.0	0.0	14.452	B
C-AB	1.22	1.22	119.41	0.010	1.21	0.0	0.0	7.508	A
C-A	20.87	20.87			20.87				
A-B	1.00	1.00			1.00				
A-C	22.32	22.32			22.32				

09:15 - 09:30

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.21	0.21	81.76	0.003	0.21	0.0	0.0	11.035	B
B-A	0.21	0.21	60.98	0.003	0.21	0.0	0.0	14.809	B
C-AB	1.25	1.25	119.46	0.010	1.25	0.0	0.0	7.614	A
C-A	23.28	23.28			23.28				
A-B	1.00	1.00			1.00				
A-C	29.70	29.70			29.70				

09:30 - 09:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.21	0.21	83.78	0.003	0.21	0.0	0.0	10.769	B
B-A	0.21	0.21	64.09	0.003	0.21	0.0	0.0	14.091	B
C-AB	0.29	0.29	86.66	0.003	0.30	0.0	0.0	8.316	A
C-A	11.10	11.10			11.10				
A-B	0.25	0.25			0.25				
A-C	18.63	18.63			18.63				

09:45 - 10:00

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	1.45	1.45	128.80	0.011	1.44	0.0	0.0	7.576	A
B-A	0.21	0.21	58.34	0.004	0.21	0.0	0.0	15.482	C
C-AB	3.06	3.06	140.13	0.022	3.03	0.0	0.0	6.913	A
C-A	14.51	14.51			14.51				
A-B	0.25	0.25			0.25				
A-C	18.56	18.56			18.56				

10:00 - 10:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	1.41	1.41	133.44	0.011	1.42	0.0	0.0	6.936	A
B-A	0.17	0.17	59.00	0.003	0.17	0.0	0.0	15.301	C
C-AB	0.18	0.18	87.17	0.002	0.20	0.0	0.0	6.902	A
C-A	7.40	7.40			7.40				
A-B	0.16	0.16			0.16				
A-C	19.80	19.80			19.80				

10:15 - 10:30

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.17	0.17	87.11	0.002	0.18	0.0	0.0	6.949	A
B-A	0.17	0.17	64.20	0.003	0.17	0.0	0.0	14.054	B
C-AB	1.60	1.60	139.56	0.011	1.59	0.0	0.0	6.899	A
C-A	17.08	17.08			17.08				
A-B	0.16	0.16			0.16				
A-C	9.94	9.94			9.94				

10:30 - 10:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.17	0.17	83.79	0.002	0.17	0.0	0.0	10.762	B
B-A	0.17	0.17	63.73	0.003	0.17	0.0	0.0	14.159	B
C-AB	1.54	1.54	84.73	0.018	1.54	0.0	0.0	8.801	A
C-A	9.68	9.68			9.68				
A-B	0.16	0.16			0.16				
A-C	17.35	17.35			17.35				

10:45 - 11:00

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.17	0.17	84.14	0.002	0.17	0.0	0.0	10.717	B
B-A	0.17	0.17	64.44	0.003	0.17	0.0	0.0	14.004	B
C-AB	0.18	0.18	86.30	0.002	0.20	0.0	0.0	10.617	B
C-A	11.12	11.12			11.12				
A-B	0.16	0.16			0.16				
A-C	14.87	14.87			14.87				

11:00 - 11:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	2.60	2.60	112.42	0.023	2.58	0.0	0.0	8.329	A
B-A	1.40	1.40	102.04	0.014	1.38	0.0	0.0	9.581	A
C-AB	0.19	0.19	88.80	0.002	0.19	0.0	0.0	10.238	B
C-A	13.63	13.63			13.63				
A-B	0.16	0.16			0.16				
A-C	11.14	11.14			11.14				

11:15 - 11:30

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.15	0.15	86.44	0.002	0.18	0.0	0.0	8.581	A
B-A	0.15	0.15	65.85	0.002	0.17	0.0	0.0	9.121	A
C-AB	0.20	0.20	88.96	0.002	0.20	0.0	0.0	10.175	B
C-A	14.87	14.87			14.87				
A-B	0.16	0.16			0.16				
A-C	18.60	18.60			18.60				

11:30 - 11:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.15	0.15	84.00	0.002	0.15	0.0	0.0	10.733	B
B-A	0.15	0.15	64.27	0.002	0.15	0.0	0.0	14.035	B
C-AB	0.19	0.19	87.21	0.002	0.19	0.0	0.0	10.272	B
C-A	12.40	12.40			12.40				
A-B	0.16	0.16			0.16				
A-C	16.11	16.11			16.11				

11:45 - 12:00

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.15	0.15	83.66	0.002	0.15	0.0	0.0	10.777	B
B-A	0.15	0.15	63.21	0.002	0.15	0.0	0.0	14.272	B
C-AB	0.22	0.22	95.15	0.002	0.21	0.0	0.0	9.711	A
C-A	22.31	22.31			22.31				
A-B	0.16	0.16			0.16				
A-C	17.32	17.32			17.32				

12:00 - 12:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.15	0.15	82.98	0.002	0.15	0.0	0.0	10.865	B
B-A	0.15	0.15	62.69	0.002	0.15	0.0	0.0	14.391	B
C-AB	0.16	0.16	93.61	0.002	0.16	0.0	0.0	9.605	A
C-A	21.08	21.08			21.08				
A-B	0.12	0.12			0.12				
A-C	24.85	24.85			24.85				

12:15 - 12:30

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.15	0.15	84.32	0.002	0.15	0.0	0.0	10.692	B
B-A	0.15	0.15	64.23	0.002	0.15	0.0	0.0	14.044	B
C-AB	0.15	0.15	90.39	0.002	0.15	0.0	0.0	9.804	A
C-A	16.09	16.09			16.09				
A-B	0.12	0.12			0.12				
A-C	13.63	13.63			13.63				

12:30 - 12:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.15	0.15	83.99	0.002	0.15	0.0	0.0	10.735	B
B-A	0.15	0.15	64.31	0.002	0.15	0.0	0.0	14.027	B
C-AB	0.14	0.14	85.95	0.002	0.14	0.0	0.0	10.348	B
C-A	11.12	11.12			11.12				
A-B	0.12	0.12			0.12				
A-C	16.11	16.11			16.11				

12:45 - 13:00

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.15	0.15	84.14	0.002	0.15	0.0	0.0	10.715	B
B-A	0.15	0.15	64.27	0.002	0.15	0.0	0.0	14.036	B
C-AB	0.14	0.14	86.85	0.002	0.14	0.0	0.0	10.375	B
C-A	12.33	12.33			12.33				
A-B	0.12	0.12			0.12				
A-C	16.15	16.15			16.15				

13:00 - 13:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.21	0.21	84.79	0.003	0.21	0.0	0.0	10.640	B
B-A	0.21	0.21	64.47	0.003	0.21	0.0	0.0	14.006	B
C-AB	0.25	0.25	91.52	0.003	0.25	0.0	0.0	9.953	A
C-A	17.27	17.27			17.27				
A-B	0.20	0.20			0.20				
A-C	9.90	9.90			9.90				

13:15 - 13:30

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.21	0.21	84.28	0.003	0.21	0.0	0.0	10.705	B
B-A	0.21	0.21	64.19	0.003	0.21	0.0	0.0	14.066	B
C-AB	0.24	0.24	89.06	0.003	0.24	0.0	0.0	10.071	B
C-A	14.79	14.79			14.79				
A-B	0.20	0.20			0.20				
A-C	14.91	14.91			14.91				

13:30 - 13:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.21	0.21	82.14	0.003	0.21	0.0	0.0	10.985	B
B-A	0.21	0.21	60.93	0.004	0.21	0.0	0.0	14.822	B
C-AB	0.30	0.30	103.14	0.003	0.30	0.0	0.0	9.180	A
C-A	33.44	33.44			33.44				
A-B	0.20	0.20			0.20				
A-C	28.50	28.50			28.50				

13:45 - 14:00

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.21	0.21	84.14	0.003	0.21	0.0	0.0	10.725	B
B-A	0.21	0.21	63.48	0.003	0.21	0.0	0.0	14.225	B
C-AB	0.27	0.27	96.47	0.003	0.27	0.0	0.0	9.096	A
C-A	23.50	23.50			23.50				
A-B	0.20	0.20			0.20				
A-C	12.31	12.31			12.31				

14:00 - 14:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.23	0.23	81.79	0.003	0.23	0.0	0.0	11.034	B
B-A	0.23	0.23	62.16	0.004	0.23	0.0	0.0	14.531	B
C-AB	0.26	0.26	85.06	0.003	0.26	0.0	0.0	10.327	B
C-A	12.35	12.35			12.35				
A-B	0.22	0.22			0.22				
A-C	32.26	32.26			32.26				

14:15 - 14:30

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.23	0.23	82.96	0.003	0.23	0.0	0.0	10.877	B
B-A	0.23	0.23	63.15	0.004	0.23	0.0	0.0	14.301	B
C-AB	0.26	0.26	87.09	0.003	0.26	0.0	0.0	10.396	B
C-A	13.59	13.59			13.59				
A-B	0.22	0.22			0.22				
A-C	22.29	22.29			22.29				

14:30 - 14:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.23	0.23	83.11	0.003	0.23	0.0	0.0	10.858	B
B-A	0.23	0.23	61.64	0.004	0.23	0.0	0.0	14.653	B
C-AB	0.33	0.33	103.50	0.003	0.33	0.0	0.0	9.078	A
C-A	33.36	33.36			33.36				
A-B	0.22	0.22			0.22				
A-C	23.60	23.60			23.60				

14:45 - 15:00

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.23	0.23	83.46	0.003	0.23	0.0	0.0	10.812	B
B-A	0.23	0.23	62.16	0.004	0.23	0.0	0.0	14.531	B
C-AB	0.32	0.32	103.07	0.003	0.32	0.0	0.0	8.763	A
C-A	32.16	32.16			32.16				
A-B	0.22	0.22			0.22				
A-C	18.56	18.56			18.56				

15:00 - 15:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.15	0.15	81.47	0.002	0.15	0.0	0.0	11.068	B
B-A	0.15	0.15	61.24	0.002	0.15	0.0	0.0	14.735	B
C-AB	1.65	1.65	134.25	0.012	1.64	0.0	0.0	7.244	A
C-A	18.40	18.40			18.40				
A-B	0.18	0.18			0.18				
A-C	34.75	34.75			34.75				

15:15 - 15:30

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.90	0.90	124.60	0.007	0.89	0.0	0.0	7.815	A
B-A	0.90	0.90	93.37	0.010	0.89	0.0	0.0	10.453	B
C-AB	0.24	0.24	97.65	0.003	0.26	0.0	0.0	6.856	A
C-A	24.74	24.74			24.74				
A-B	0.18	0.18			0.18				
A-C	29.74	29.74			29.74				

15:30 - 15:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.90	0.90	125.96	0.007	0.90	0.0	0.0	7.198	A
B-A	0.90	0.90	95.26	0.009	0.90	0.0	0.0	9.537	A
C-AB	0.22	0.22	90.86	0.002	0.22	0.0	0.0	9.715	A
C-A	18.51	18.51			18.51				
A-B	0.18	0.18			0.18				
A-C	26.09	26.09			26.09				

15:45 - 16:00

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.90	0.90	124.22	0.007	0.90	0.0	0.0	7.297	A
B-A	0.90	0.90	92.17	0.010	0.90	0.0	0.0	9.860	A
C-AB	0.26	0.26	100.21	0.003	0.26	0.0	0.0	9.264	A
C-A	30.90	30.90			30.90				
A-B	0.18	0.18			0.18				
A-C	32.22	32.22			32.22				

16:00 - 16:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.89	0.89	124.64	0.007	0.89	0.0	0.0	7.320	A
B-A	0.89	0.89	90.78	0.010	0.89	0.0	0.0	10.078	B
C-AB	0.22	0.22	107.45	0.002	0.22	0.0	0.0	8.530	A
C-A	40.76	40.76			40.76				
A-B	0.14	0.14			0.14				
A-C	35.88	35.88			35.88				

16:15 - 16:30

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.14	0.14	85.42	0.002	0.15	0.0	0.0	7.464	A
B-A	0.14	0.14	65.86	0.002	0.15	0.0	0.0	9.748	A
C-AB	0.16	0.16	87.30	0.002	0.16	0.0	0.0	9.710	A
C-A	12.40	12.40			12.40				
A-B	0.14	0.14			0.14				
A-C	17.39	17.39			17.39				

16:30 - 16:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.14	0.14	80.84	0.002	0.14	0.0	0.0	11.151	B
B-A	0.14	0.14	60.79	0.002	0.14	0.0	0.0	14.837	B
C-AB	0.17	0.17	89.35	0.002	0.17	0.0	0.0	10.230	B
C-A	18.56	18.56			18.56				
A-B	0.14	0.14			0.14				
A-C	38.44	38.44			38.44				

16:45 - 17:00

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.14	0.14	82.67	0.002	0.14	0.0	0.0	10.904	B
B-A	0.14	0.14	62.49	0.002	0.14	0.0	0.0	14.433	B
C-AB	0.18	0.18	92.25	0.002	0.18	0.0	0.0	9.831	A
C-A	19.84	19.84			19.84				
A-B	0.14	0.14			0.14				
A-C	24.77	24.77			24.77				

17:00 - 17:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.17	0.17	83.81	0.002	0.17	0.0	0.0	10.758	B
B-A	0.17	0.17	63.59	0.003	0.17	0.0	0.0	14.189	B
C-AB	0.06	0.06	93.46	0.001	0.06	0.0	0.0	9.642	A
C-A	19.86	19.86			19.86				
A-B	0.05	0.05			0.05				
A-C	18.63	18.63			18.63				

17:15 - 17:30

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	1.41	1.41	130.75	0.011	1.40	0.0	0.0	7.426	A
B-A	0.17	0.17	56.52	0.003	0.17	0.0	0.0	15.970	C
C-AB	0.06	0.06	89.86	0.001	0.06	0.0	0.0	9.958	A
C-A	18.58	18.58			18.58				
A-B	0.05	0.05			0.05				
A-C	32.15	32.15			32.15				

17:30 - 17:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.17	0.17	84.25	0.002	0.18	0.0	0.0	7.167	A
B-A	0.17	0.17	61.21	0.003	0.17	0.0	0.0	14.746	B
C-AB	1.53	1.53	157.36	0.010	1.52	0.0	0.0	5.929	A
C-A	24.60	24.60			24.60				
A-B	0.05	0.05			0.05				
A-C	28.46	28.46			28.46				

17:45 - 18:00

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.17	0.17	83.47	0.002	0.17	0.0	0.0	10.804	B
B-A	0.17	0.17	62.24	0.003	0.17	0.0	0.0	14.500	B
C-AB	0.07	0.07	109.57	0.001	0.08	0.0	0.0	5.596	A
C-A	32.24	32.24			32.24				
A-B	0.05	0.05			0.05				
A-C	19.84	19.84			19.84				

18:00 - 18:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.05	0.05	84.63	0.001	0.05	0.0	0.0	10.642	B
B-A	0.05	0.05	64.38	0.001	0.05	0.0	0.0	13.988	B
C-AB	0.13	0.13	92.68	0.001	0.12	0.0	0.0	9.463	A
C-A	18.57	18.57			18.57				
A-B	0.10	0.10			0.10				
A-C	12.42	12.42			12.42				

18:15 - 18:30

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.05	0.05	83.51	0.001	0.05	0.0	0.0	10.782	B
B-A	0.05	0.05	63.46	0.001	0.05	0.0	0.0	14.194	B
C-AB	0.12	0.12	89.63	0.001	0.12	0.0	0.0	9.999	A
C-A	16.09	16.09			16.09				
A-B	0.10	0.10			0.10				
A-C	21.12	21.12			21.12				

18:30 - 18:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.05	0.05	83.35	0.001	0.05	0.0	0.0	10.803	B
B-A	0.05	0.05	64.17	0.001	0.05	0.0	0.0	14.036	B
C-AB	0.11	0.11	81.46	0.001	0.11	0.0	0.0	10.791	B
C-A	6.20	6.20			6.20				
A-B	0.10	0.10			0.10				
A-C	22.36	22.36			22.36				

18:45 - 19:00

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.05	0.05	84.01	0.001	0.05	0.0	0.0	10.720	B
B-A	0.05	0.05	63.54	0.001	0.05	0.0	0.0	14.174	B
C-AB	0.13	0.13	92.87	0.001	0.13	0.0	0.0	9.973	A
C-A	19.77	19.77			19.77				
A-B	0.10	0.10			0.10				
A-C	17.39	17.39			17.39				

+15+Adj+Dev, 12hrs

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	Quarry Access	T-Junction	Two-way		0.45	A

Junction Network Options

Driving side	Lighting
Left	Normal/unknown

Traffic Demand

Demand Set Details

ID	Scenario name	Time Period 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
D12	+15+Adj+Dev	12hrs	DIRECT	07:00	19:00	720	15	✓	Simple	D4+D6+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 - R395 East		DIRECT	✓	100.000
B - Quarry Access		DIRECT	✓	100.000
C - R395 West		DIRECT	✓	100.000

Origin-Destination Data

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
07:00 - 07:15	From			
	A - R395 East	0.00	0.30	2.70
	B - Quarry Access	0.18	0.00	0.18
	C - R395 West	10.87	0.30	0.00

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
07:15 - 07:30	From			
	A - R395 East	0.00	0.30	13.57
	B - Quarry Access	0.18	0.00	0.18
	C - R395 West	8.27	0.30	0.00

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
07:30 - 07:45	From			
	A - R395 East	0.00	0.30	13.76
	B - Quarry Access	0.18	0.00	0.18
	C - R395 West	16.45	0.30	0.00

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
07:45 - 08:00	From			
	A - R395 East	0.00	0.30	23.10
	B - Quarry Access	0.18	0.00	0.18
	C - R395 West	25.79	0.30	0.00

08:00 - 08:15

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.20	14.92
	B - Quarry Access	0.19	0.00	0.19
	C - R395 West	21.94	0.20	0.00

08:15 - 08:30

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.20	16.17
	B - Quarry Access	0.19	0.00	0.19
	C - R395 West	24.35	0.20	0.00

08:30 - 08:45

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.95	15.01
	B - Quarry Access	0.19	0.00	0.19
	C - R395 West	27.23	2.30	0.00

08:45 - 09:00

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.95	22.91
	B - Quarry Access	0.19	0.00	0.19
	C - R395 West	21.75	0.95	0.00

09:00 - 09:15

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	1.00	24.35
	B - Quarry Access	0.21	0.00	0.21
	C - R395 West	23.00	1.00	0.00

09:15 - 09:30

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	1.00	32.62
	B - Quarry Access	0.21	0.00	0.21
	C - R395 West	25.79	1.00	0.00

09:30 - 09:45

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.25	20.21
	B - Quarry Access	0.21	0.00	0.21
	C - R395 West	12.22	0.25	0.00

09:45 - 10:00

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.25	20.40
	B - Quarry Access	0.21	0.00	1.56
	C - R395 West	16.36	2.95	0.00

10:00 - 10:15

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.16	21.75
	B - Quarry Access	0.17	0.00	1.52
	C - R395 West	8.18	0.16	0.00

10:15 - 10:30

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.16	10.78
	B - Quarry Access	0.17	0.00	0.17
	C - R395 West	19.15	1.51	0.00

10:30 - 10:45

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.16	18.96
	B - Quarry Access	0.17	0.00	0.17
	C - R395 West	10.97	1.60	0.00

10:45 - 11:00

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.16	16.27
	B - Quarry Access	0.17	0.00	0.17
	C - R395 West	12.22	0.16	0.00

11:00 - 11:15

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.16	12.22
	B - Quarry Access	1.50	0.00	2.94
	C - R395 West	14.82	0.16	0.00

11:15 - 11:30

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.16	20.31
	B - Quarry Access	0.15	0.00	0.15
	C - R395 West	16.17	0.16	0.00

11:30 - 11:45

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.16	17.61
	B - Quarry Access	0.15	0.00	0.15
	C - R395 West	13.48	0.16	0.00

11:45 - 12:00

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.16	19.05
	B - Quarry Access	0.15	0.00	0.15
	C - R395 West	24.26	0.16	0.00

12:00 - 12:15

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.12	26.95
	B - Quarry Access	0.15	0.00	0.15
	C - R395 West	22.91	0.12	0.00

12:15 - 12:30

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.12	14.92
	B - Quarry Access	0.15	0.00	0.15
	C - R395 West	17.61	0.12	0.00

12:30 - 12:45

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.12	17.61
	B - Quarry Access	0.15	0.00	0.15
	C - R395 West	12.22	0.12	0.00

12:45 - 13:00

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.12	17.52
	B - Quarry Access	0.15	0.00	0.15
	C - R395 West	13.66	0.12	0.00

13:00 - 13:15

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.20	10.87
	B - Quarry Access	0.21	0.00	0.21
	C - R395 West	19.05	0.20	0.00

Demand (Veh/TS)

13:15 - 13:30

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.20	16.17
	B - Quarry Access	0.21	0.00	0.21
	C - R395 West	16.36	0.20	0.00

Demand (Veh/TS)

13:30 - 13:45

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.20	31.18
	B - Quarry Access	0.21	0.00	0.21
	C - R395 West	36.39	0.20	0.00

Demand (Veh/TS)

13:45 - 14:00

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.20	13.76
	B - Quarry Access	0.21	0.00	0.21
	C - R395 West	25.70	0.20	0.00

Demand (Veh/TS)

14:00 - 14:15

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.22	35.13
	B - Quarry Access	0.23	0.00	0.23
	C - R395 West	13.57	0.22	0.00

Demand (Veh/TS)

14:15 - 14:30

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.22	24.44
	B - Quarry Access	0.23	0.00	0.23
	C - R395 West	14.92	0.22	0.00

Demand (Veh/TS)

14:30 - 14:45

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.22	25.60
	B - Quarry Access	0.23	0.00	0.23
	C - R395 West	36.57	0.22	0.00

Demand (Veh/TS)

14:45 - 15:00

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.22	20.40
	B - Quarry Access	0.23	0.00	0.23
	C - R395 West	35.13	0.22	0.00

Demand (Veh/TS)

15:00 - 15:15

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.18	37.83
	B - Quarry Access	0.15	0.00	0.15
	C - R395 West	20.21	1.53	0.00

Demand (Veh/TS)

15:15 - 15:30

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.18	32.53
	B - Quarry Access	0.90	0.00	0.90
	C - R395 West	27.05	0.18	0.00

15:30 - 15:45

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.18	28.30
	B - Quarry Access	0.90	0.00	0.90
	C - R395 West	20.40	0.18	0.00

Demand (Veh/TS)

15:45 - 16:00

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.18	35.23
	B - Quarry Access	0.90	0.00	0.90
	C - R395 West	33.88	0.18	0.00

Demand (Veh/TS)

16:00 - 16:15

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.14	39.46
	B - Quarry Access	0.89	0.00	0.89
	C - R395 West	44.85	0.14	0.00

Demand (Veh/TS)

16:15 - 16:30

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.14	18.87
	B - Quarry Access	0.14	0.00	0.14
	C - R395 West	13.48	0.14	0.00

Demand (Veh/TS)

16:30 - 16:45

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.14	41.96
	B - Quarry Access	0.14	0.00	0.14
	C - R395 West	20.31	0.14	0.00

Demand (Veh/TS)

16:45 - 17:00

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.14	27.14
	B - Quarry Access	0.14	0.00	0.14
	C - R395 West	21.56	0.14	0.00

Demand (Veh/TS)

17:00 - 17:15

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.05	20.21
	B - Quarry Access	0.17	0.00	0.17
	C - R395 West	21.56	0.05	0.00

Demand (Veh/TS)

17:15 - 17:30

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.05	35.41
	B - Quarry Access	0.17	0.00	1.52
	C - R395 West	20.31	0.05	0.00

Demand (Veh/TS)

17:30 - 17:45

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.05	31.28
	B - Quarry Access	0.17	0.00	0.17
	C - R395 West	26.95	1.40	0.00

Demand (Veh/TS)

17:45 - 18:00

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.05	21.66
	B - Quarry Access	0.17	0.00	0.17
	C - R395 West	35.13	0.05	0.00

18:00 - 18:15

Demand (Veh/TS)

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.10	13.48
	B - Quarry Access	0.05	0.00	0.05
	C - R395 West	20.31	0.10	0.00

Demand (Veh/TS)

18:15 - 18:30

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.10	22.91
	B - Quarry Access	0.05	0.00	0.05
	C - R395 West	17.61	0.10	0.00

Demand (Veh/TS)

18:30 - 18:45

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.10	24.26
	B - Quarry Access	0.05	0.00	0.05
	C - R395 West	6.74	0.10	0.00

Demand (Veh/TS)

18:45 - 19:00

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0.00	0.10	18.87
	B - Quarry Access	0.05	0.00	0.05
	C - R395 West	21.75	0.10	0.00

Vehicle Mix

Heavy Vehicle Percentages

07:00 - 07:15

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	100	0
	B - Quarry Access	100	0	100
	C - R395 West	13	100	0

Heavy Vehicle Percentages

07:15 - 07:30

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	100	11
	B - Quarry Access	100	0	100
	C - R395 West	35	100	0

Heavy Vehicle Percentages

07:30 - 07:45

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	100	31
	B - Quarry Access	100	0	100
	C - R395 West	26	100	0

Heavy Vehicle Percentages

07:45 - 08:00

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	100	12
	B - Quarry Access	100	0	100
	C - R395 West	11	100	0

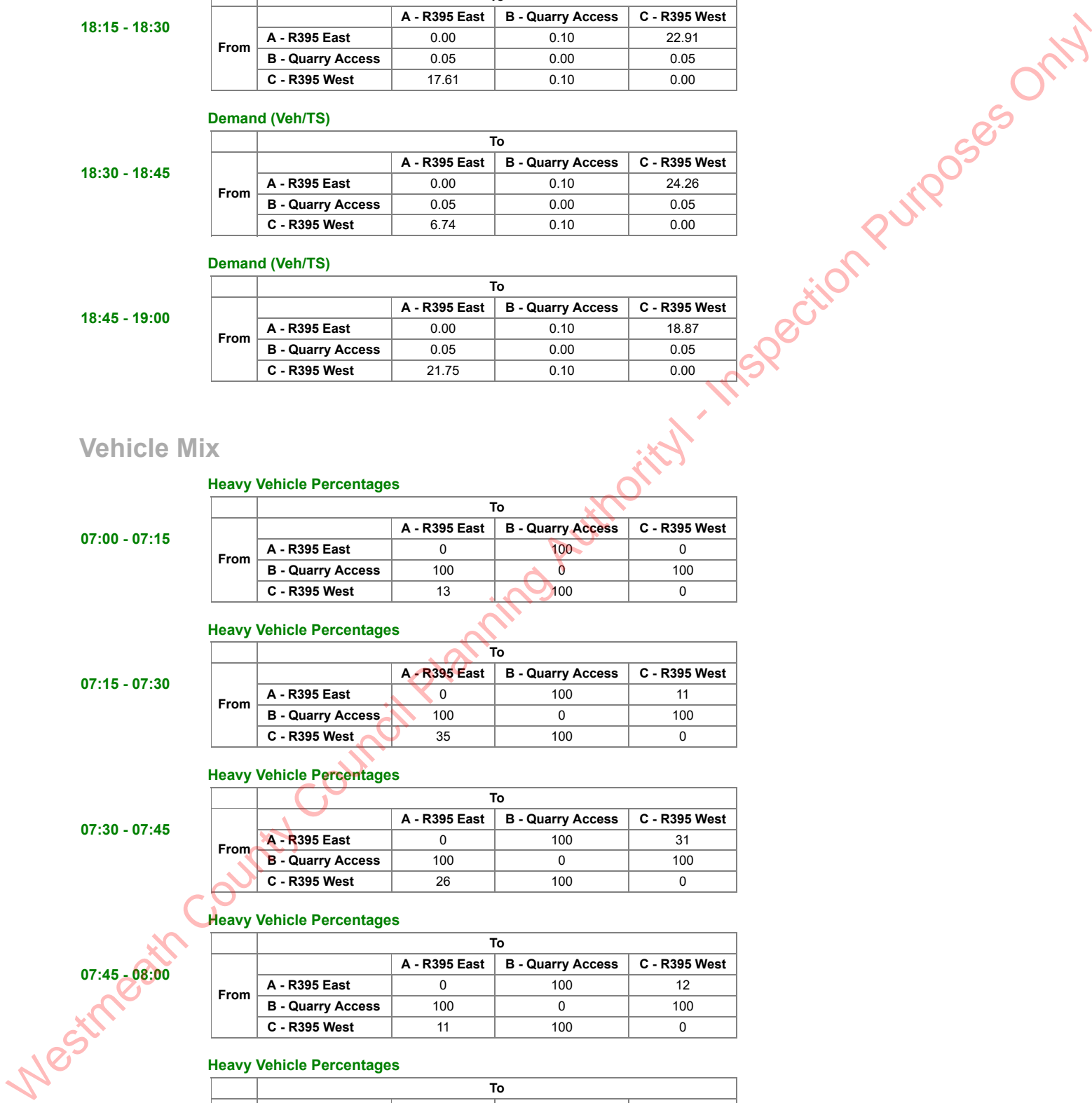
Heavy Vehicle Percentages

08:00 - 08:15

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	100	10
	B - Quarry Access	100	0	100
	C - R395 West	26	100	0

08:15 - 08:30

Heavy Vehicle Percentages



		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	100	0
	B - Quarry Access	100	0	100
	C - R395 West	6	100	0

Heavy Vehicle Percentages

08:30 - 08:45

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	40	19
	B - Quarry Access	100	0	100
	C - R395 West	16	17	0

Heavy Vehicle Percentages

08:45 - 09:00

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	40	0
	B - Quarry Access	100	0	100
	C - R395 West	13	40	0

Heavy Vehicle Percentages

09:00 - 09:15

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	47	6
	B - Quarry Access	100	0	100
	C - R395 West	6	47	0

Heavy Vehicle Percentages

09:15 - 09:30

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	47	13
	B - Quarry Access	100	0	100
	C - R395 West	11	47	0

Heavy Vehicle Percentages

09:30 - 09:45

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	100	0
	B - Quarry Access	100	0	100
	C - R395 West	12	100	0

Heavy Vehicle Percentages

09:45 - 10:00

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	100	14
	B - Quarry Access	100	0	25
	C - R395 West	18	16	0

Heavy Vehicle Percentages

10:00 - 10:15

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	100	13
	B - Quarry Access	100	0	21
	C - R395 West	18	100	0

Heavy Vehicle Percentages

10:15 - 10:30

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	100	0
	B - Quarry Access	100	0	100
	C - R395 West	23	20	0

Heavy Vehicle Percentages

10:30 - 10:45

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	100	8
	B - Quarry Access	100	0	100
	C - R395 West	26	100	0

10:45 - 11:00

Heavy Vehicle Percentages

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	100	9
	B - Quarry Access	100	0	100
	C - R395 West	12	100	0

Heavy Vehicle Percentages

11:00 - 11:15

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	100	12
	B - Quarry Access	19	0	59
	C - R395 West	0	100	0

Heavy Vehicle Percentages

11:15 - 11:30

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	100	7
	B - Quarry Access	100	0	100
	C - R395 West	0	100	0

Heavy Vehicle Percentages

11:30 - 11:45

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	100	8
	B - Quarry Access	100	0	100
	C - R395 West	0	100	0

Heavy Vehicle Percentages

11:45 - 12:00

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	100	15
	B - Quarry Access	100	0	100
	C - R395 West	0	100	0

Heavy Vehicle Percentages

12:00 - 12:15

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	100	0
	B - Quarry Access	100	0	100
	C - R395 West	0	100	0

Heavy Vehicle Percentages

12:15 - 12:30

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	100	10
	B - Quarry Access	100	0	100
	C - R395 West	8	100	0

Heavy Vehicle Percentages

12:30 - 12:45

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	100	8
	B - Quarry Access	100	0	100
	C - R395 West	12	100	0

Heavy Vehicle Percentages

12:45 - 13:00

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	100	0
	B - Quarry Access	100	0	100
	C - R395 West	21	100	0

Heavy Vehicle Percentages

13:00 - 13:15

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	100	13
	B - Quarry Access	100	0	100
	C - R395 West	15	100	0

13:15 - 13:30

Heavy Vehicle Percentages

Westmeath County Council Planning Authority - Inspection Purposes Only!

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	100	0
	B - Quarry Access	100	0	100
	C - R395 West	18	100	0

Heavy Vehicle Percentages

13:30 - 13:45

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	100	9
	B - Quarry Access	100	0	100
	C - R395 West	0	100	0

Heavy Vehicle Percentages

13:45 - 14:00

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	100	31
	B - Quarry Access	100	0	100
	C - R395 West	6	100	0

Heavy Vehicle Percentages

14:00 - 14:15

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	100	4
	B - Quarry Access	100	0	100
	C - R395 West	11	100	0

Heavy Vehicle Percentages

14:15 - 14:30

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	100	12
	B - Quarry Access	100	0	100
	C - R395 West	10	100	0

Heavy Vehicle Percentages

14:30 - 14:45

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	100	0
	B - Quarry Access	100	0	100
	C - R395 West	8	100	0

Heavy Vehicle Percentages

14:45 - 15:00

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	100	14
	B - Quarry Access	100	0	100
	C - R395 West	4	100	0

Heavy Vehicle Percentages

15:00 - 15:15

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	100	4
	B - Quarry Access	100	0	100
	C - R395 West	0	22	0

Heavy Vehicle Percentages

15:15 - 15:30

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	100	9
	B - Quarry Access	31	0	31
	C - R395 West	5	100	0

Heavy Vehicle Percentages

15:30 - 15:45

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	100	0
	B - Quarry Access	31	0	31
	C - R395 West	14	100	0

15:45 - 16:00

Heavy Vehicle Percentages

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	100	8
	B - Quarry Access	31	0	31
	C - R395 West	9	100	0

Heavy Vehicle Percentages

16:00 - 16:15

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	100	15
	B - Quarry Access	29	0	29
	C - R395 West	13	100	0

Heavy Vehicle Percentages

16:15 - 16:30

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	100	0
	B - Quarry Access	100	0	100
	C - R395 West	0	100	0

Heavy Vehicle Percentages

16:30 - 16:45

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	100	7
	B - Quarry Access	100	0	100
	C - R395 West	7	100	0

Heavy Vehicle Percentages

16:45 - 17:00

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	100	11
	B - Quarry Access	100	0	100
	C - R395 West	0	100	0

Heavy Vehicle Percentages

17:00 - 17:15

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	100	0
	B - Quarry Access	100	0	100
	C - R395 West	0	100	0

Heavy Vehicle Percentages

17:15 - 17:30

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	100	16
	B - Quarry Access	100	0	21
	C - R395 West	7	100	0

Heavy Vehicle Percentages

17:30 - 17:45

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	100	14
	B - Quarry Access	100	0	100
	C - R395 West	0	6	0

Heavy Vehicle Percentages

17:45 - 18:00

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	100	7
	B - Quarry Access	100	0	100
	C - R395 West	4	100	0

Heavy Vehicle Percentages

18:00 - 18:15

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	100	0
	B - Quarry Access	100	0	100
	C - R395 West	7	100	0

18:15 - 18:30

Heavy Vehicle Percentages

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	100	0
	B - Quarry Access	100	0	100
	C - R395 West	8	100	0

Heavy Vehicle Percentages

18:30 - 18:45

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	100	0
	B - Quarry Access	100	0	100
	C - R395 West	0	100	0

Heavy Vehicle Percentages

18:45 - 19:00

		To		
		A - R395 East	B - Quarry Access	C - R395 West
From	A - R395 East	0	100	0
	B - Quarry Access	100	0	100
	C - R395 West	13	100	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (Veh)	Max LOS	Average Demand (Veh/TS)	Total Junction Arrivals (Veh)
B-C	0.03	11.23	0.0	B	0.37	17.83
B-A	0.01	16.18	0.0	C	0.26	12.35
C-AB	0.02	10.74	0.0	B	0.53	25.43
C-A					20.52	984.93
A-B					0.24	11.35
A-C					22.10	1060.62

Main Results for each time segment

07:00 - 07:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.18	0.18	85.94	0.002	0.17	0.0	0.0	10.493	B
B-A	0.18	0.18	66.03	0.003	0.17	0.0	0.0	13.665	B
C-AB	0.35	0.35	87.30	0.004	0.34	0.0	0.0	10.349	B
C-A	10.83	10.83			10.83				
A-B	0.30	0.30			0.30				
A-C	2.70	2.70			2.70				

07:15 - 07:30

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.18	0.18	84.27	0.002	0.18	0.0	0.0	10.701	B
B-A	0.18	0.18	64.61	0.003	0.18	0.0	0.0	13.967	B
C-AB	0.34	0.34	83.49	0.004	0.34	0.0	0.0	10.704	B
C-A	8.24	8.24			8.24				
A-B	0.30	0.30			0.30				
A-C	13.57	13.57			13.57				

07:30 - 07:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.18	0.18	83.86	0.002	0.18	0.0	0.0	10.754	B
B-A	0.18	0.18	63.47	0.003	0.18	0.0	0.0	14.218	B
C-AB	0.37	0.37	89.64	0.004	0.37	0.0	0.0	10.262	B
C-A	16.38	16.38			16.38				
A-B	0.30	0.30			0.30				
A-C	13.76	13.76			13.76				

07:45 - 08:00

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.18	0.18	82.80	0.002	0.18	0.0	0.0	10.892	B
B-A	0.18	0.18	61.87	0.003	0.18	0.0	0.0	14.586	B
C-AB	0.42	0.42	96.75	0.004	0.42	0.0	0.0	9.594	A
C-A	25.68	25.68			25.68				
A-B	0.30	0.30			0.30				
A-C	23.10	23.10			23.10				

08:00 - 08:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.19	0.19	84.09	0.002	0.19	0.0	0.0	10.725	B
B-A	0.19	0.19	63.19	0.003	0.19	0.0	0.0	14.283	B
C-AB	0.27	0.27	94.30	0.003	0.27	0.0	0.0	9.368	A
C-A	21.87	21.87			21.87				
A-B	0.20	0.20			0.20				
A-C	14.92	14.92			14.92				

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-C	0.19	0.19	84.12	0.002	0.19	0.0	0.0	10.722	B
B-A	0.19	0.19	63.36	0.003	0.19	0.0	0.0	14.244	B
C-AB	0.27	0.27	96.96	0.003	0.27	0.0	0.0	9.472	A
C-A	24.28	24.28			24.28				
A-B	0.20	0.20			0.20				
A-C	16.17	16.17			16.17				

08:30 - 08:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.19	0.19	83.84	0.002	0.19	0.0	0.0	10.758	B
B-A	0.19	0.19	62.25	0.003	0.19	0.0	0.0	14.500	B
C-AB	2.82	2.82	149.36	0.019	2.79	0.0	0.0	6.421	A
C-A	26.72	26.72			26.72				
A-B	0.95	0.95			0.95				
A-C	15.01	15.01			15.01				

08:45 - 09:00

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.19	0.19	83.17	0.002	0.19	0.0	0.0	10.845	B
B-A	0.19	0.19	62.40	0.003	0.19	0.0	0.0	14.464	B
C-AB	1.16	1.16	124.74	0.009	1.17	0.0	0.0	6.577	A
C-A	21.54	21.54			21.54				
A-B	0.95	0.95			0.95				
A-C	22.91	22.91			22.91				

09:00 - 09:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.21	0.21	82.77	0.003	0.21	0.0	0.0	10.900	B
B-A	0.21	0.21	62.03	0.003	0.21	0.0	0.0	14.557	B
C-AB	1.24	1.24	120.48	0.010	1.24	0.0	0.0	7.449	A
C-A	22.77	22.77			22.77				
A-B	1.00	1.00			1.00				
A-C	24.35	24.35			24.35				

09:15 - 09:30

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.21	0.21	81.27	0.003	0.21	0.0	0.0	11.102	B
B-A	0.21	0.21	60.32	0.003	0.21	0.0	0.0	14.972	B
C-AB	1.27	1.27	120.54	0.011	1.27	0.0	0.0	7.542	A
C-A	25.52	25.52			25.52				
A-B	1.00	1.00			1.00				
A-C	32.62	32.62			32.62				

09:30 - 09:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.21	0.21	83.56	0.003	0.21	0.0	0.0	10.796	B
B-A	0.21	0.21	63.79	0.003	0.21	0.0	0.0	14.157	B
C-AB	0.29	0.29	87.34	0.003	0.30	0.0	0.0	8.257	A
C-A	12.18	12.18			12.18				
A-B	0.25	0.25			0.25				
A-C	20.21	20.21			20.21				

09:45 - 10:00

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	1.56	1.56	130.31	0.012	1.55	0.0	0.0	7.483	A
B-A	0.21	0.21	57.77	0.004	0.21	0.0	0.0	15.634	C
C-AB	3.33	3.33	141.93	0.023	3.30	0.0	0.0	6.818	A
C-A	15.97	15.97			15.97				
A-B	0.25	0.25			0.25				
A-C	20.40	20.40			20.40				

10:00 - 10:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	1.52	1.52	134.76	0.011	1.52	0.0	0.0	6.870	A
B-A	0.17	0.17	58.53	0.003	0.17	0.0	0.0	15.421	C
C-AB	0.18	0.18	87.89	0.002	0.21	0.0	0.0	6.830	A
C-A	8.16	8.16			8.16				
A-B	0.16	0.16			0.16				
A-C	21.75	21.75			21.75				

10:15 - 10:30

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.17	0.17	87.17	0.002	0.18	0.0	0.0	6.852	A
B-A	0.17	0.17	63.87	0.003	0.17	0.0	0.0	14.127	B
C-AB	1.74	1.74	142.04	0.012	1.73	0.0	0.0	6.765	A
C-A	18.91	18.91			18.91				
A-B	0.16	0.16			0.16				
A-C	10.78	10.78			10.78				

10:30 - 10:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.17	0.17	83.54	0.002	0.17	0.0	0.0	10.794	B
B-A	0.17	0.17	63.30	0.003	0.17	0.0	0.0	14.256	B
C-AB	1.84	1.84	85.33	0.022	1.83	0.0	0.0	8.832	A
C-A	10.73	10.73			10.73				
A-B	0.16	0.16			0.16				
A-C	18.96	18.96			18.96				

10:45 - 11:00

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.17	0.17	83.92	0.002	0.17	0.0	0.0	10.745	B
B-A	0.17	0.17	64.14	0.003	0.17	0.0	0.0	14.069	B
C-AB	0.19	0.19	87.03	0.002	0.21	0.0	0.0	10.552	B
C-A	12.19	12.19			12.19				
A-B	0.16	0.16			0.16				
A-C	16.27	16.27			16.27				

11:00 - 11:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	2.94	2.94	111.56	0.026	2.92	0.0	0.0	8.402	A
B-A	1.50	1.50	102.52	0.015	1.49	0.0	0.0	9.525	A
C-AB	0.20	0.20	89.61	0.002	0.20	0.0	0.0	10.145	B
C-A	14.79	14.79			14.79				
A-B	0.16	0.16			0.16				
A-C	12.22	12.22			12.22				

11:15 - 11:30

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.15	0.15	86.45	0.002	0.18	0.0	0.0	8.660	A
B-A	0.15	0.15	65.64	0.002	0.17	0.0	0.0	9.045	A
C-AB	0.20	0.20	89.79	0.002	0.20	0.0	0.0	10.085	B
C-A	16.13	16.13			16.13				
A-B	0.16	0.16			0.16				
A-C	20.31	20.31			20.31				

11:30 - 11:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.15	0.15	83.76	0.002	0.15	0.0	0.0	10.763	B
B-A	0.15	0.15	63.98	0.002	0.15	0.0	0.0	14.101	B
C-AB	0.19	0.19	87.88	0.002	0.19	0.0	0.0	10.190	B
C-A	13.45	13.45			13.45				
A-B	0.16	0.16			0.16				
A-C	17.61	17.61			17.61				

11:45 - 12:00

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.15	0.15	83.36	0.002	0.15	0.0	0.0	10.815	B
B-A	0.15	0.15	62.79	0.002	0.15	0.0	0.0	14.368	B
C-AB	0.22	0.22	96.47	0.002	0.22	0.0	0.0	9.593	A
C-A	24.20	24.20			24.20				
A-B	0.16	0.16			0.16				
A-C	19.05	19.05			19.05				

12:00 - 12:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.15	0.15	82.70	0.002	0.15	0.0	0.0	10.903	B
B-A	0.15	0.15	62.29	0.002	0.15	0.0	0.0	14.484	B
C-AB	0.16	0.16	94.86	0.002	0.16	0.0	0.0	9.477	A
C-A	22.87	22.87			22.87				
A-B	0.12	0.12			0.12				
A-C	26.95	26.95			26.95				

12:15 - 12:30

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.15	0.15	84.11	0.002	0.15	0.0	0.0	10.719	B
B-A	0.15	0.15	63.91	0.002	0.15	0.0	0.0	14.116	B
C-AB	0.15	0.15	91.42	0.002	0.15	0.0	0.0	9.682	A
C-A	17.58	17.58			17.58				
A-B	0.12	0.12			0.12				
A-C	14.92	14.92			14.92				

12:30 - 12:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.15	0.15	83.75	0.002	0.15	0.0	0.0	10.765	B
B-A	0.15	0.15	63.99	0.002	0.15	0.0	0.0	14.097	B
C-AB	0.14	0.14	86.60	0.002	0.14	0.0	0.0	10.260	B
C-A	12.20	12.20			12.20				
A-B	0.12	0.12			0.12				
A-C	17.61	17.61			17.61				

12:45 - 13:00

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.15	0.15	83.96	0.002	0.15	0.0	0.0	10.738	B
B-A	0.15	0.15	63.96	0.002	0.15	0.0	0.0	14.105	B
C-AB	0.14	0.14	87.71	0.002	0.14	0.0	0.0	10.273	B
C-A	13.64	13.64			13.64				
A-B	0.12	0.12			0.12				
A-C	17.52	17.52			17.52				

13:00 - 13:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.21	0.21	84.63	0.003	0.21	0.0	0.0	10.660	B
B-A	0.21	0.21	64.14	0.003	0.21	0.0	0.0	14.077	B
C-AB	0.25	0.25	92.74	0.003	0.25	0.0	0.0	9.828	A
C-A	19.00	19.00			19.00				
A-B	0.20	0.20			0.20				
A-C	10.87	10.87			10.87				

13:15 - 13:30

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.21	0.21	84.11	0.003	0.21	0.0	0.0	10.726	B
B-A	0.21	0.21	63.88	0.003	0.21	0.0	0.0	14.135	B
C-AB	0.24	0.24	90.10	0.003	0.24	0.0	0.0	9.949	A
C-A	16.31	16.31			16.31				
A-B	0.20	0.20			0.20				
A-C	16.17	16.17			16.17				

13:30 - 13:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.21	0.21	81.71	0.003	0.21	0.0	0.0	11.042	B
B-A	0.21	0.21	60.31	0.004	0.21	0.0	0.0	14.974	B
C-AB	0.31	0.31	105.15	0.003	0.31	0.0	0.0	9.031	A
C-A	36.28	36.28			36.28				
A-B	0.20	0.20			0.20				
A-C	31.18	31.18			31.18				

13:45 - 14:00

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.21	0.21	83.85	0.003	0.21	0.0	0.0	10.760	B
B-A	0.21	0.21	63.02	0.003	0.21	0.0	0.0	14.330	B
C-AB	0.27	0.27	97.96	0.003	0.27	0.0	0.0	8.943	A
C-A	25.63	25.63			25.63				
A-B	0.20	0.20			0.20				
A-C	13.76	13.76			13.76				

14:00 - 14:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.23	0.23	81.37	0.003	0.23	0.0	0.0	11.090	B
B-A	0.23	0.23	61.66	0.004	0.23	0.0	0.0	14.648	B
C-AB	0.26	0.26	85.64	0.003	0.26	0.0	0.0	10.238	B
C-A	13.53	13.53			13.53				
A-B	0.22	0.22			0.22				
A-C	35.13	35.13			35.13				

14:15 - 14:30

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.23	0.23	82.61	0.003	0.23	0.0	0.0	10.924	B
B-A	0.23	0.23	62.71	0.004	0.23	0.0	0.0	14.403	B
C-AB	0.27	0.27	87.82	0.003	0.27	0.0	0.0	10.312	B
C-A	14.87	14.87			14.87				
A-B	0.22	0.22			0.22				
A-C	24.44	24.44			24.44				

14:30 - 14:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.23	0.23	82.84	0.003	0.23	0.0	0.0	10.894	B
B-A	0.23	0.23	61.12	0.004	0.23	0.0	0.0	14.780	B
C-AB	0.34	0.34	105.78	0.003	0.34	0.0	0.0	8.900	A
C-A	36.45	36.45			36.45				
A-B	0.22	0.22			0.22				
A-C	25.60	25.60			25.60				

14:45 - 15:00

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.23	0.23	83.15	0.003	0.23	0.0	0.0	10.853	B
B-A	0.23	0.23	61.63	0.004	0.23	0.0	0.0	14.656	B
C-AB	0.33	0.33	105.16	0.003	0.33	0.0	0.0	8.591	A
C-A	35.02	35.02			35.02				
A-B	0.22	0.22			0.22				
A-C	20.40	20.40			20.40				

15:00 - 15:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.15	0.15	81.03	0.002	0.15	0.0	0.0	11.129	B
B-A	0.15	0.15	60.68	0.002	0.15	0.0	0.0	14.867	B
C-AB	1.79	1.79	136.31	0.013	1.78	0.0	0.0	7.126	A
C-A	19.95	19.95			19.95				
A-B	0.18	0.18			0.18				
A-C	37.83	37.83			37.83				

15:15 - 15:30

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.90	0.90	123.94	0.007	0.89	0.0	0.0	7.857	A
B-A	0.90	0.90	92.46	0.010	0.89	0.0	0.0	10.557	B
C-AB	0.25	0.25	99.27	0.003	0.26	0.0	0.0	6.715	A
C-A	26.97	26.97			26.97				
A-B	0.18	0.18			0.18				
A-C	32.53	32.53			32.53				

15:30 - 15:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.90	0.90	125.51	0.007	0.90	0.0	0.0	7.221	A
B-A	0.90	0.90	94.57	0.010	0.90	0.0	0.0	9.609	A
C-AB	0.23	0.23	92.07	0.002	0.23	0.0	0.0	9.573	A
C-A	20.35	20.35			20.35				
A-B	0.18	0.18			0.18				
A-C	28.30	28.30			28.30				

15:45 - 16:00

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.90	0.90	123.50	0.007	0.90	0.0	0.0	7.339	A
B-A	0.90	0.90	91.11	0.010	0.90	0.0	0.0	9.976	A
C-AB	0.27	0.27	102.15	0.003	0.27	0.0	0.0	9.102	A
C-A	33.79	33.79			33.79				
A-B	0.18	0.18			0.18				
A-C	35.23	35.23			35.23				

16:00 - 16:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.89	0.89	123.70	0.007	0.89	0.0	0.0	7.376	A
B-A	0.89	0.89	89.32	0.010	0.89	0.0	0.0	10.245	B
C-AB	0.23	0.23	110.15	0.002	0.23	0.0	0.0	8.324	A
C-A	44.75	44.75			44.75				
A-B	0.14	0.14			0.14				
A-C	39.46	39.46			39.46				

16:15 - 16:30

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.14	0.14	85.23	0.002	0.15	0.0	0.0	7.482	A
B-A	0.14	0.14	65.61	0.002	0.15	0.0	0.0	9.786	A
C-AB	0.16	0.16	88.01	0.002	0.16	0.0	0.0	9.594	A
C-A	13.45	13.45			13.45				
A-B	0.14	0.14			0.14				
A-C	18.87	18.87			18.87				

16:30 - 16:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.14	0.14	80.31	0.002	0.14	0.0	0.0	11.225	B
B-A	0.14	0.14	60.14	0.002	0.14	0.0	0.0	14.998	B
C-AB	0.18	0.18	90.28	0.002	0.18	0.0	0.0	10.135	B
C-A	20.27	20.27			20.27				
A-B	0.14	0.14			0.14				
A-C	41.96	41.96			41.96				

16:45 - 17:00

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.14	0.14	82.29	0.002	0.14	0.0	0.0	10.955	B
B-A	0.14	0.14	62.00	0.002	0.14	0.0	0.0	14.546	B
C-AB	0.18	0.18	93.32	0.002	0.18	0.0	0.0	9.722	A
C-A	21.52	21.52			21.52				
A-B	0.14	0.14			0.14				
A-C	27.14	27.14			27.14				

17:00 - 17:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.17	0.17	83.60	0.002	0.17	0.0	0.0	10.786	B
B-A	0.17	0.17	63.26	0.003	0.17	0.0	0.0	14.263	B
C-AB	0.06	0.06	94.69	0.001	0.06	0.0	0.0	9.515	A
C-A	21.55	21.55			21.55				
A-B	0.05	0.05			0.05				
A-C	20.21	20.21			20.21				

17:15 - 17:30

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	1.52	1.52	131.61	0.012	1.51	0.0	0.0	7.368	A
B-A	0.17	0.17	55.79	0.003	0.17	0.0	0.0	16.181	C
C-AB	0.06	0.06	90.77	0.001	0.06	0.0	0.0	9.856	A
C-A	20.29	20.29			20.29				
A-B	0.05	0.05			0.05				
A-C	35.41	35.41			35.41				

17:30 - 17:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.17	0.17	83.96	0.002	0.18	0.0	0.0	7.102	A
B-A	0.17	0.17	60.58	0.003	0.17	0.0	0.0	14.899	B
C-AB	1.68	1.68	158.70	0.011	1.67	0.0	0.0	5.873	A
C-A	26.67	26.67			26.67				
A-B	0.05	0.05			0.05				
A-C	31.28	31.28			31.28				

17:45 - 18:00

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.17	0.17	83.19	0.002	0.17	0.0	0.0	10.839	B
B-A	0.17	0.17	61.75	0.003	0.17	0.0	0.0	14.614	B
C-AB	0.07	0.07	112.17	0.001	0.09	0.0	0.0	5.508	A
C-A	35.10	35.10			35.10				
A-B	0.05	0.05			0.05				
A-C	21.66	21.66			21.66				

18:00 - 18:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.05	0.05	84.48	0.001	0.05	0.0	0.0	10.658	B
B-A	0.05	0.05	64.10	0.001	0.05	0.0	0.0	14.050	B
C-AB	0.13	0.13	93.93	0.001	0.13	0.0	0.0	9.316	A
C-A	20.28	20.28			20.28				
A-B	0.10	0.10			0.10				
A-C	13.48	13.48			13.48				

18:15 - 18:30

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.05	0.05	83.27	0.001	0.05	0.0	0.0	10.813	B
B-A	0.05	0.05	63.10	0.001	0.05	0.0	0.0	14.272	B
C-AB	0.12	0.12	90.63	0.001	0.12	0.0	0.0	9.886	A
C-A	17.59	17.59			17.59				
A-B	0.10	0.10			0.10				
A-C	22.91	22.91			22.91				

18:30 - 18:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.05	0.05	83.09	0.001	0.05	0.0	0.0	10.836	B
B-A	0.05	0.05	63.90	0.001	0.05	0.0	0.0	14.097	B
C-AB	0.11	0.11	81.68	0.001	0.11	0.0	0.0	10.745	B
C-A	6.73	6.73			6.73				
A-B	0.10	0.10			0.10				
A-C	24.26	24.26			24.26				

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-C	0.05	0.05	83.82	0.001	0.05	0.0	0.0	10.745	B
B-A	0.05	0.05	63.17	0.001	0.05	0.0	0.0	14.257	B
C-AB	0.13	0.13	94.24	0.001	0.13	0.0	0.0	9.844	A
C-A	21.72	21.72			21.72				
A-B	0.10	0.10			0.10				
A-C	18.87	18.87			18.87				