May 2025

Environmental Impact Assessment Report (EIAR) – Volume 3

Appendices Part 3

Proposed Whitestown Sand & Gravel Quarry

On behalf of

Mr. James Metcalfe & Mr. Thomas Metcalfe

Whitestown Lower, Co. Wicklow

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Proposed Whitestown Sand & Gravel Quarry

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APPENDICES

Appendix 13-3: Junction Capacity Analysis (Part A)

APPENDIX 13

APPENDIX 13-3

Junctions 9

PICADY 9 - Priority Intersection Module

Filename: N81.Site Access Junction.j9
Path: W:\UDC-Traffic Files\P23-129\JCA\With Adj
Report generation date: 12/02/2024 18:21:26

»Opening yr,
»Opening yr +5,
»Opening yr +15,
»Opening yr +dev +adj,
»Opening yr +5 +dev +adj,
»Opening yr +15 +dev +adj ,

Summary of junction performance

	Queue (Veh)	Delay (s)	RFC	LOS
	Opening yr			
Stream B-C	0.0	13.94	0.02	B
Stream B-A	0.0	19.53	0.04	C
Stream C-B	0.0	13.27	0.03	B
	Opening yr +5			
Stream B-C	0.0	14.22	0.02	B
Stream B-A	0.0	20.11	0.05	C
Stream C-B	0.0	13.52	0.03	B
	Opening yr +15			
Stream B-C	0.0	14.52	0.02	B
Stream B-A	0.1	20.70	0.06	C
Stream C-B	0.0	13.77	0.04	B
	Opening yr +dev +adj			
Stream B-C	0.0	15.26	0.03	C
Stream B-A	0.1	23.36	0.05	C
Stream C-B	0.0	13.31	0.04	B
	Opening yr +5 +dev +adj			
Stream B-C	0.0	15.60	0.04	C
Stream B-A	0.1	24.23	0.06	C
Stream C-B	0.0	13.56	0.04	B
	Opening yr +15 +dev +adj			
Stream B-C	0.0	15.95	0.04	C
Stream B-A	0.1	25.11	0.07	D
Stream C-B	0.1	13.81	0.05	B

There are warnings associated with one or more model runs - see the 'Data Errors and Warnings' tables for each Analysis or Demand Set.

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

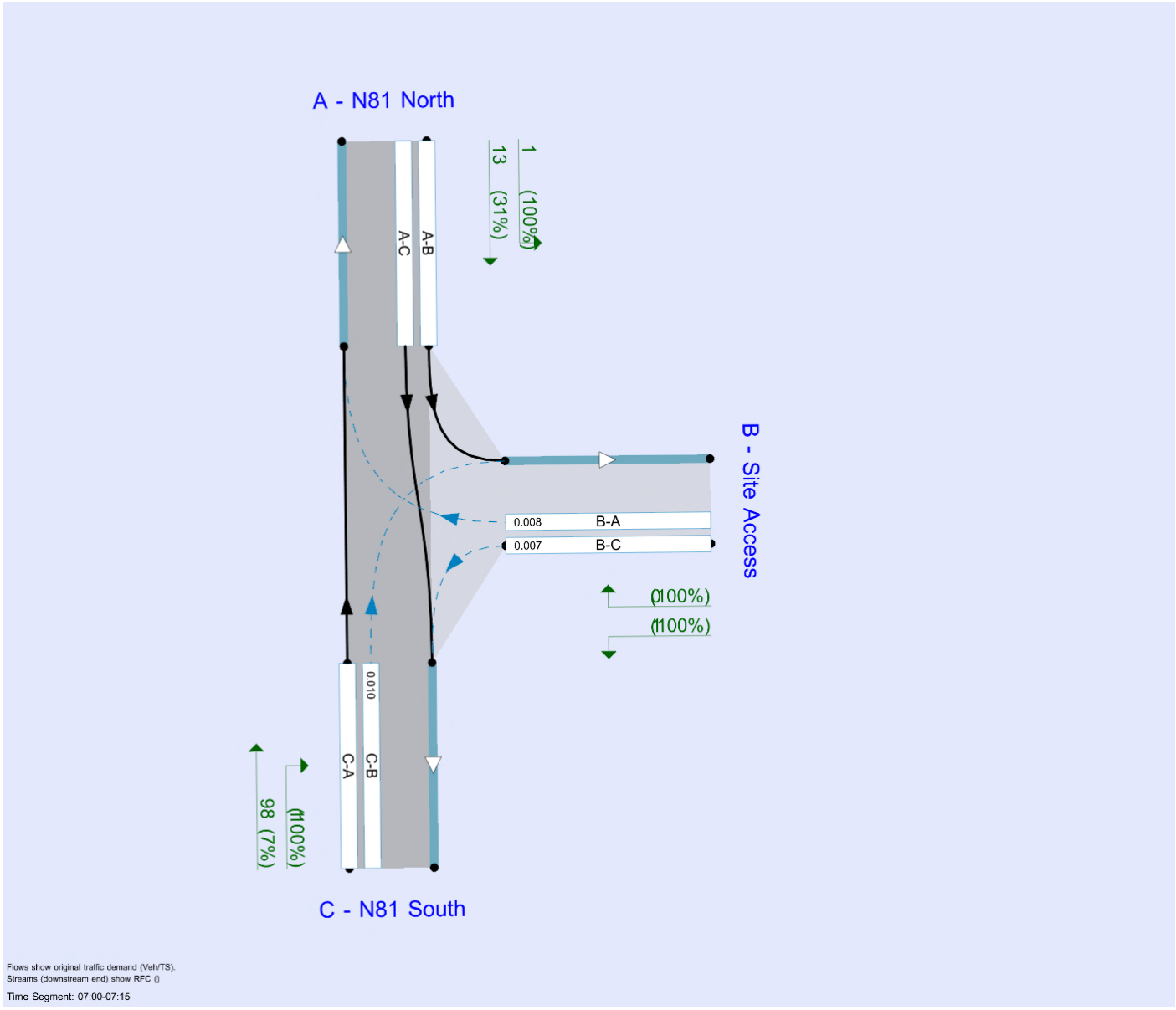
File summary

File Description

Title	N81 site access
Location	Whitestown Upper, Co. Wicklow
Site number	
Date	12/02/2024
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



The junction diagram reflects the last run of Junctions.

Analysis Options

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

Demand Set Summary

ID	Scenario name	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time period length (min)	Time segment length (min)	Run automatically	Relationship type	Relationship
D1	Base yr	DIRECT	07:00	19:00	720	15			
D2	Opening yr	DIRECT	07:00	19:00	720	15	✓		
D3	dev traffic	DIRECT	07:00	19:00	720	15			
D4	adj traffic	DIRECT	07:00	19:00	720	15			
D5	Opening yr +5	DIRECT	07:00	19:00	720	15	✓		
D6	Opening yr +15	DIRECT	07:00	19:00	720	15	✓		
D7	Opening yr +dev +adj	DIRECT	07:00	19:00	720	15	✓	Simple	D2 +D3 + D4
D8	Opening yr +5 +dev +adj	DIRECT	07:00	19:00	720	15	✓	Simple	D5 +D3 + D4
D9	Opening yr +15 +dev +adj	DIRECT	07:00	19:00	720	15	✓	Simple	D6 +D3 + D4

Analysis Set Details

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

Opening yr,

Data Errors and Warnings

Severity	Area	Item	Description
Warning	Minor arm flare	B - Site Access - Minor arm geometry	Is flare very short? Estimated flare length is zero but has been increased to 1 because a zero flare length is not allowed.

Junction Network

Junctions

Junction	Name	Junction type	Major road direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	T-Junction site access	T-Junction	Two-way		0.27	A

Junction Network Options

Driving side	Lighting
Left	Normal/unknown

Arms

Arms

Arm	Name	Description	Arm type
A	N81 North		Major
B	Site Access		Minor
C	N81 South		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 - N81 South	6.00			130.0		-

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 - Site Access	One lane plus flare	5.50	3.00	2.50	2.50	2.50	✓	1.00	20	20

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	120.390	0.088	0.222	0.139	0.317
1	B-C	155.149	0.095	0.240	-	-
1	C-B	162.312	0.252	0.252	-	-

The slopes and intercepts shown above do NOT include any corrections or adjustments.
Streams may be combined, in which case capacity will be adjusted.
Values are shown for the first time segment only; they may differ for subsequent time segments.

Traffic Demand

Demand Set Details

ID	Scenario name	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time period length (min)	Time segment length (min)	Run automatically
D2	Opening yr	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 - N81 North		DIRECT	✓	100.000
B - Site Access		DIRECT	✓	100.000
C - N81 South		DIRECT	✓	100.000

Origin-Destination Data

07:00 - 07:15

Demand (Veh/TS)

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0.00	0.00	10.20
	B - Site Access	0.00	0.00	0.00
	C - N81 South	85.41	0.00	0.00

07:15 - 07:30

Demand (Veh/TS)

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0.00	0.00	10.20
	B - Site Access	0.00	0.00	0.00
	C - N81 South	74.17	1.02	0.00

07:30 - 07:45

Demand (Veh/TS)

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0.00	0.00	17.38
	B - Site Access	0.00	0.00	0.00
	C - N81 South	90.53	0.00	0.00

07:45 - 08:00

Demand (Veh/TS)

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0.00	0.00	27.49
	B - Site Access	0.00	0.00	0.00
	C - N81 South	73.22	1.02	0.00

08:00 - 08:15

Demand (Veh/TS)

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0.00	0.00	28.48
	B - Site Access	0.00	0.00	0.00
	C - N81 South	73.28	0.00	0.00

08:15 - 08:30

Demand (Veh/TS)

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0.00	0.00	28.51
	B - Site Access	0.00	0.00	0.00
	C - N81 South	92.54	0.00	0.00

08:30 - 08:45

Demand (Veh/TS)

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0.00	1.04	38.66
	B - Site Access	0.00	0.00	0.00
	C - N81 South	99.63	0.00	0.00

08:45 - 09:00

Demand (Veh/TS)

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0.00	1.04	41.82
	B - Site Access	1.04	0.00	0.00
	C - N81 South	71.21	0.00	0.00

09:00 - 09:15

Demand (Veh/TS)

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0.00	0.00	29.59
	B - Site Access	0.00	0.00	0.00
	C - N81 South	49.90	0.00	0.00

09:15 - 09:30

Demand (Veh/TS)

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0.00	0.00	32.57
	B - Site Access	2.08	0.00	0.00
	C - N81 South	41.73	2.08	0.00

09:30 - 09:45

Demand (Veh/TS)

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0.00	0.00	32.59
	B - Site Access	0.00	0.00	1.04
	C - N81 South	31.55	0.00	0.00

09:45 - 10:00

Demand (Veh/TS)

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0.00	0.00	22.41
	B - Site Access	0.00	0.00	1.04
	C - N81 South	44.87	0.00	0.00

10:00 - 10:15

Demand (Veh/TS)

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0.00	3.11	17.31
	B - Site Access	0.00	0.00	1.04
	C - N81 South	29.57	0.00	0.00

10:15 - 10:30

Demand (Veh/TS)

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0.00	1.04	26.54
	B - Site Access	0.00	0.00	0.00
	C - N81 South	31.60	0.00	0.00

10:30 - 10:45

Demand (Veh/TS)

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0.00	1.04	35.68
	B - Site Access	1.04	0.00	1.04
	C - N81 South	26.47	1.04	0.00

10:45 - 11:00

Demand (Veh/TS)

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0.00	1.04	32.68
	B - Site Access	0.00	0.00	0.00
	C - N81 South	34.73	0.00	0.00

11:00 - 11:15

Demand (Veh/TS)

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0.00	0.00	31.60
	B - Site Access	0.00	0.00	0.00
	C - N81 South	27.58	0.00	0.00

11:15 - 11:30

Demand (Veh/TS)

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0.00	0.00	20.36
	B - Site Access	1.04	0.00	0.00
	C - N81 South	30.60	0.00	0.00

11:30 - 11:45

Demand (Veh/TS)

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0.00	0.00	35.66
	B - Site Access	0.00	0.00	0.00
	C - N81 South	35.66	0.00	0.00

11:45 - 12:00

Demand (Veh/TS)

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0.00	0.00	24.49
	B - Site Access	0.00	0.00	0.00
	C - N81 South	30.56	0.00	0.00

12:00 - 12:15

Demand (Veh/TS)

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0.00	0.00	30.71
	B - Site Access	0.00	0.00	0.00
	C - N81 South	19.39	0.00	0.00

12:15 - 12:30

Demand (Veh/TS)

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0.00	0.00	27.49
	B - Site Access	1.04	0.00	0.00
	C - N81 South	31.57	1.04	0.00

12:30 - 12:45

Demand (Veh/TS)

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0.00	0.00	35.62
	B - Site Access	0.00	0.00	0.00
	C - N81 South	24.49	0.00	0.00

12:45 - 13:00

Demand (Veh/TS)

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0.00	0.00	25.46
	B - Site Access	0.00	0.00	0.00
	C - N81 South	27.49	0.00	0.00

13:00 - 13:15

Demand (Veh/TS)

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0.00	0.00	35.68
	B - Site Access	0.00	0.00	0.00
	C - N81 South	31.55	0.00	0.00

13:15 - 13:30

Demand (Veh/TS)

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0.00	1.04	24.46
	B - Site Access	0.00	0.00	1.04
	C - N81 South	30.58	0.00	0.00

13:30 - 13:45

Demand (Veh/TS)

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0.00	0.00	27.51
	B - Site Access	1.04	0.00	0.00
	C - N81 South	28.59	1.04	0.00

13:45 - 14:00

Demand (Veh/TS)

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0.00	1.04	37.73
	B - Site Access	0.00	0.00	0.00
	C - N81 South	27.47	0.00	0.00

14:00 - 14:15

Demand (Veh/TS)

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0.00	1.04	40.74
	B - Site Access	0.00	0.00	1.04
	C - N81 South	26.45	0.00	0.00

14:15 - 14:30

Demand (Veh/TS)

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0.00	1.04	35.66
	B - Site Access	0.00	0.00	1.04
	C - N81 South	25.57	0.00	0.00

14:30 - 14:45

Demand (Veh/TS)

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0.00	0.00	37.78
	B - Site Access	1.04	0.00	1.04
	C - N81 South	35.64	1.04	0.00

14:45 - 15:00

Demand (Veh/TS)

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0.00	0.00	33.61
	B - Site Access	1.04	0.00	0.00
	C - N81 South	38.73	1.04	0.00

15:00 - 15:15

Demand (Veh/TS)

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0.00	0.00	34.67
	B - Site Access	0.00	0.00	0.00
	C - N81 South	30.67	0.00	0.00

15:15 - 15:30

Demand (Veh/TS)

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0.00	0.00	43.76
	B - Site Access	0.00	0.00	0.00
	C - N81 South	30.58	0.00	0.00

15:30 - 15:45

Demand (Veh/TS)

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0.00	0.00	37.73
	B - Site Access	0.00	0.00	0.00
	C - N81 South	38.62	0.00	0.00

15:45 - 16:00

Demand (Veh/TS)

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0.00	0.00	56.99
	B - Site Access	0.00	0.00	0.00
	C - N81 South	30.47	0.00	0.00

16:00 - 16:15

Demand (Veh/TS)

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0.00	1.04	93.58
	B - Site Access	0.00	0.00	0.00
	C - N81 South	25.41	0.00	0.00

16:15 - 16:30

Demand (Veh/TS)

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0.00	1.02	66.20
	B - Site Access	0.00	0.00	1.04
	C - N81 South	44.82	0.00	0.00

16:30 - 16:45

Demand (Veh/TS)

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0.00	0.00	81.37
	B - Site Access	0.00	0.00	0.00
	C - N81 South	32.59	1.04	0.00

16:45 - 17:00

Demand (Veh/TS)

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0.00	0.00	82.38
	B - Site Access	0.00	0.00	1.04
	C - N81 South	30.58	1.04	0.00

17:00 - 17:15

Demand (Veh/TS)

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0.00	0.00	80.33
	B - Site Access	0.00	0.00	1.04
	C - N81 South	23.38	1.04	0.00

17:15 - 17:30

Demand (Veh/TS)

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0.00	0.00	90.55
	B - Site Access	1.04	0.00	1.04
	C - N81 South	25.41	1.04	0.00

17:30 - 17:45

Demand (Veh/TS)

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0.00	0.00	89.47
	B - Site Access	1.02	0.00	0.00
	C - N81 South	34.56	0.00	0.00

17:45 - 18:00

Demand (Veh/TS)

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0.00	0.00	85.43
	B - Site Access	0.00	0.00	0.00
	C - N81 South	31.53	0.00	0.00

18:00 - 18:15

Demand (Veh/TS)

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0.00	0.00	77.28
	B - Site Access	0.00	0.00	1.04
	C - N81 South	33.56	1.04	0.00

18:15 - 18:30

Demand (Veh/TS)

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0.00	0.00	66.06
	B - Site Access	0.00	0.00	0.00
	C - N81 South	28.46	0.00	0.00

18:30 - 18:45

Demand (Veh/TS)

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0.00	0.00	58.93
	B - Site Access	0.00	0.00	1.04
	C - N81 South	24.38	1.04	0.00

18:45 - 19:00

Demand (Veh/TS)

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0.00	1.04	46.77
	B - Site Access	0.00	0.00	0.00
	C - N81 South	130.01	0.00	0.00

Vehicle Mix

07:00 - 07:15

Heavy Vehicle Percentages

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0	0	20
	B - Site Access	0	0	0
	C - N81 South	5	0	0

07:15 - 07:30

Heavy Vehicle Percentages

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0	0	20
	B - Site Access	0	0	0
	C - N81 South	1	0	0

07:30 - 07:45

Heavy Vehicle Percentages

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0	0	30
	B - Site Access	0	0	0
	C - N81 South	7	0	0

07:45 - 08:00

Heavy Vehicle Percentages

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0	0	11
	B - Site Access	0	0	0
	C - N81 South	6	0	0

08:00 - 08:15

Heavy Vehicle Percentages

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0	0	7
	B - Site Access	0	0	0
	C - N81 South	10	0	0

08:15 - 08:30

Heavy Vehicle Percentages

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0	0	11
	B - Site Access	0	0	0
	C - N81 South	6	0	0

08:30 - 08:45

Heavy Vehicle Percentages

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0	100	8
	B - Site Access	0	0	0
	C - N81 South	4	0	0

08:45 - 09:00

Heavy Vehicle Percentages

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0	100	20
	B - Site Access	100	0	0
	C - N81 South	7	0	0

09:00 - 09:15

Heavy Vehicle Percentages

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0	0	21
	B - Site Access	0	0	0
	C - N81 South	12	0	0

09:15 - 09:30

Heavy Vehicle Percentages

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0	0	10
	B - Site Access	100	0	0
	C - N81 South	10	100	0

09:30 - 09:45

Heavy Vehicle Percentages

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0	0	13
	B - Site Access	0	0	100
	C - N81 South	10	0	0

09:45 - 10:00

Heavy Vehicle Percentages

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0	0	14
	B - Site Access	0	0	100
	C - N81 South	19	0	0

10:00 - 10:15

Heavy Vehicle Percentages

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0	100	12
	B - Site Access	0	0	100
	C - N81 South	18	0	0

10:15 - 10:30

Heavy Vehicle Percentages

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0	100	23
	B - Site Access	0	0	0
	C - N81 South	16	0	0

10:30 - 10:45

Heavy Vehicle Percentages

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0	100	17
	B - Site Access	100	0	100
	C - N81 South	12	100	0

10:45 - 11:00

Heavy Vehicle Percentages

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0	100	25
	B - Site Access	0	0	0
	C - N81 South	27	0	0

11:00 - 11:15

Heavy Vehicle Percentages

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0	0	16
	B - Site Access	0	0	0
	C - N81 South	26	0	0

11:15 - 11:30

Heavy Vehicle Percentages

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0	0	10
	B - Site Access	100	0	0
	C - N81 South	20	0	0

11:30 - 11:45

Heavy Vehicle Percentages

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0	0	15
	B - Site Access	0	0	0
	C - N81 South	15	0	0

11:45 - 12:00

Heavy Vehicle Percentages

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0	0	21
	B - Site Access	0	0	0
	C - N81 South	14	0	0

12:00 - 12:15

Heavy Vehicle Percentages

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0	0	37
	B - Site Access	0	0	0
	C - N81 South	21	0	0

12:15 - 12:30

Heavy Vehicle Percentages

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0	0	11
	B - Site Access	100	0	0
	C - N81 South	13	100	0

12:30 - 12:45

Heavy Vehicle Percentages

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0	0	9
	B - Site Access	0	0	0
	C - N81 South	21	0	0

12:45 - 13:00

Heavy Vehicle Percentages

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0	0	12
	B - Site Access	0	0	0
	C - N81 South	11	0	0

13:00 - 13:15

Heavy Vehicle Percentages

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0	0	17
	B - Site Access	0	0	0
	C - N81 South	10	0	0

13:15 - 13:30

Heavy Vehicle Percentages

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0	100	17
	B - Site Access	0	0	100
	C - N81 South	17	0	0

13:30 - 13:45

Heavy Vehicle Percentages

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0	0	15
	B - Site Access	100	0	0
	C - N81 South	25	100	0

13:45 - 14:00

Heavy Vehicle Percentages

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0	100	19
	B - Site Access	0	0	0
	C - N81 South	8	0	0

14:00 - 14:15

Heavy Vehicle Percentages

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0	100	13
	B - Site Access	0	0	100
	C - N81 South	8	0	0

14:15 - 14:30

Heavy Vehicle Percentages

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0	100	15
	B - Site Access	0	0	100
	C - N81 South	32	0	0

14:30 - 14:45

Heavy Vehicle Percentages

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0	0	25
	B - Site Access	100	0	100
	C - N81 South	12	100	0

14:45 - 15:00

Heavy Vehicle Percentages

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0	0	12
	B - Site Access	100	0	0
	C - N81 South	16	100	0

15:00 - 15:15

Heavy Vehicle Percentages

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0	0	18
	B - Site Access	0	0	0
	C - N81 South	30	0	0

15:15 - 15:30

Heavy Vehicle Percentages

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0	0	9
	B - Site Access	0	0	0
	C - N81 South	17	0	0

15:30 - 15:45

Heavy Vehicle Percentages

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0	0	19
	B - Site Access	0	0	0
	C - N81 South	3	0	0

15:45 - 16:00

Heavy Vehicle Percentages

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0	0	9
	B - Site Access	0	0	0
	C - N81 South	0	0	0

16:00 - 16:15

Heavy Vehicle Percentages

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0	100	7
	B - Site Access	0	0	0
	C - N81 South	4	0	0

16:15 - 16:30

Heavy Vehicle Percentages

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0	0	13
	B - Site Access	0	0	100
	C - N81 South	14	0	0

16:30 - 16:45

Heavy Vehicle Percentages

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0	0	6
	B - Site Access	0	0	0
	C - N81 South	13	100	0

16:45 - 17:00

Heavy Vehicle Percentages

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0	0	6
	B - Site Access	0	0	100
	C - N81 South	17	100	0

17:00 - 17:15

Heavy Vehicle Percentages

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0	0	5
	B - Site Access	0	0	100
	C - N81 South	4	100	0

17:15 - 17:30

Heavy Vehicle Percentages

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0	0	8
	B - Site Access	100	0	100
	C - N81 South	4	100	0

17:30 - 17:45

Heavy Vehicle Percentages

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0	0	5
	B - Site Access	0	0	0
	C - N81 South	3	0	0

17:45 - 18:00

Heavy Vehicle Percentages

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0	0	6
	B - Site Access	0	0	0
	C - N81 South	7	0	0

18:00 - 18:15

Heavy Vehicle Percentages

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0	0	5
	B - Site Access	0	0	100
	C - N81 South	6	100	0

18:15 - 18:30

Heavy Vehicle Percentages

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0	0	3
	B - Site Access	0	0	0
	C - N81 South	4	0	0

18:30 - 18:45

Heavy Vehicle Percentages

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0	0	2
	B - Site Access	0	0	100
	C - N81 South	0	100	0

18:45 - 19:00

Heavy Vehicle Percentages

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0	100	4
	B - Site Access	0	0	0
	C - N81 South	0	0	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (Veh)	Max LOS	Average Demand (Veh/TS)	Total Junction Arrivals (Veh)
B-C	0.02	13.94	0.0	B	0.30	14.53
B-A	0.04	19.53	0.0	C	0.24	11.39
C-A					42.03	2017.36
C-B	0.03	13.27	0.0	B	0.32	15.52
A-B					0.32	15.54
A-C					42.25	2028.15

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	152.20	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	105.18	0.000	0.00	0.0	0.0	0.000	A
C-A	85.41	85.41			85.41				
C-B	0.00	0.00	159.22	0.000	0.00	0.0	0.0	0.000	A
A-B	0.00	0.00			0.00				
A-C	10.20	10.20			10.20				

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	152.20	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	106.86	0.000	0.00	0.0	0.0	0.000	A
C-A	74.17	74.17			74.17				
C-B	1.02	1.02	159.22	0.006	1.01	0.0	0.0	5.688	A
A-B	0.00	0.00			0.00				
A-C	10.20	10.20			10.20				

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	149.72	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	101.89	0.000	0.00	0.0	0.0	0.000	A
C-A	90.53	90.53			90.53				
C-B	0.00	0.00	156.64	0.000	0.01	0.0	0.0	0.000	A
A-B	0.00	0.00			0.00				
A-C	17.38	17.38			17.38				

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	147.79	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	102.49	0.000	0.00	0.0	0.0	0.000	A
C-A	73.22	73.22			73.22				
C-B	1.02	1.02	154.61	0.007	1.01	0.0	0.0	5.858	A
A-B	0.00	0.00			0.00				
A-C	27.49	27.49			27.49				

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	147.80	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	102.38	0.000	0.00	0.0	0.0	0.000	A
C-A	73.28	73.28			73.28				
C-B	0.00	0.00	154.62	0.000	0.01	0.0	0.0	0.000	A
A-B	0.00	0.00			0.00				
A-C	28.48	28.48			28.48				

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	147.55	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	99.75	0.000	0.00	0.0	0.0	0.000	A
C-A	92.54	92.54			92.54				
C-B	0.00	0.00	154.36	0.000	0.00	0.0	0.0	0.000	A
A-B	0.00	0.00			0.00				
A-C	28.51	28.51			28.51				

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	144.91	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	96.47	0.000	0.00	0.0	0.0	0.000	A
C-A	99.63	99.63			99.63				
C-B	0.00	0.00	151.28	0.000	0.00	0.0	0.0	0.000	A
A-B	1.04	1.04			1.04				
A-C	38.66	38.66			38.66				

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	109.32	0.000	0.00	0.0	0.0	0.000	A
B-A	1.04	1.04	50.99	0.020	1.02	0.0	0.0	17.996	C
C-A	71.21	71.21			71.21				
C-B	0.00	0.00	149.18	0.000	0.00	0.0	0.0	0.000	A
A-B	1.04	1.04			1.04				
A-C	41.82	41.82			41.82				

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	112.67	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	54.19	0.000	0.02	0.0	0.0	0.000	A
C-A	49.90	49.90			49.90				
C-B	0.00	0.00	153.30	0.000	0.00	0.0	0.0	0.000	A
A-B	0.00	0.00			0.00				
A-C	29.59	29.59			29.59				

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	111.63	0.000	0.00	0.0	0.0	0.000	A
B-A	2.08	2.08	54.27	0.038	2.04	0.0	0.0	17.220	C
C-A	41.73	41.73			41.73				
C-B	2.08	2.08	76.67	0.027	2.05	0.0	0.0	10.032	B
A-B	0.00	0.00			0.00				
A-C	32.57	32.57			32.57				

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	1.04	1.04	75.77	0.014	1.02	0.0	0.0	12.040	B
B-A	0.00	0.00	41.29	0.000	0.04	0.0	0.0	0.000	A
C-A	31.55	31.55			31.55				
C-B	0.00	0.00	76.53	0.000	0.02	0.0	0.0	0.000	A
A-B	0.00	0.00			0.00				
A-C	32.59	32.59			32.59				

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	1.04	1.04	77.18	0.013	1.04	0.0	0.0	11.818	B
B-A	0.00	0.00	66.02	0.000	0.00	0.0	0.0	0.000	A
C-A	44.87	44.87			44.87				
C-B	0.00	0.00	124.71	0.000	0.00	0.0	0.0	0.000	A
A-B	0.00	0.00			0.00				
A-C	22.41	22.41			22.41				

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	1.04	1.04	77.64	0.013	1.04	0.0	0.0	11.748	B
B-A	0.00	0.00	75.66	0.000	0.00	0.0	0.0	0.000	A
C-A	29.57	29.57			29.57				
C-B	0.00	0.00	138.55	0.000	0.00	0.0	0.0	0.000	A
A-B	3.11	3.11			3.11				
A-C	17.31	17.31			17.31				

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	76.18	0.000	0.01	0.0	0.0	0.000	A
B-A	0.00	0.00	78.03	0.000	0.00	0.0	0.0	0.000	A
C-A	31.60	31.60			31.60				
C-B	0.00	0.00	144.52	0.000	0.00	0.0	0.0	0.000	A
A-B	1.04	1.04			1.04				
A-C	26.54	26.54			26.54				

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	1.04	1.04	72.08	0.014	1.02	0.0	0.0	12.661	B
B-A	1.04	1.04	53.06	0.020	1.02	0.0	0.0	17.286	C
C-A	26.47	26.47			26.47				
C-B	1.04	1.04	75.62	0.014	1.02	0.0	0.0	12.063	B
A-B	1.04	1.04			1.04				
A-C	35.68	35.68			35.68				

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	69.43	0.000	0.01	0.0	0.0	0.000	A
B-A	0.00	0.00	52.40	0.000	0.02	0.0	0.0	0.000	A
C-A	34.73	34.73			34.73				
C-B	0.00	0.00	75.74	0.000	0.01	0.0	0.0	0.000	A
A-B	1.04	1.04			1.04				
A-C	32.68	32.68			32.68				

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	0.00	0.00	117.04	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	85.90	0.000	0.00	0.0	0.0	0.000	A
C-A	27.58	27.58			27.58				
C-B	0.00	0.00	122.45	0.000	0.00	0.0	0.0	0.000	A
A-B	0.00	0.00			0.00				
A-C	31.60	31.60			31.60				

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	101.89	0.000	0.00	0.0	0.0	0.000	A
B-A	1.04	1.04	57.12	0.018	1.02	0.0	0.0	16.037	C
C-A	30.60	30.60			30.60				
C-B	0.00	0.00	139.26	0.000	0.00	0.0	0.0	0.000	A
A-B	0.00	0.00			0.00				
A-C	20.36	20.36			20.36				

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	105.17	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	54.72	0.000	0.02	0.0	0.0	0.000	A
C-A	35.66	35.66			35.66				
C-B	0.00	0.00	143.09	0.000	0.00	0.0	0.0	0.000	A
A-B	0.00	0.00			0.00				
A-C	35.66	35.66			35.66				

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	143.53	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	87.18	0.000	0.00	0.0	0.0	0.000	A
C-A	30.56	30.56			30.56				
C-B	0.00	0.00	150.15	0.000	0.00	0.0	0.0	0.000	A
A-B	0.00	0.00			0.00				
A-C	24.49	24.49			24.49				

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	142.79	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	95.79	0.000	0.00	0.0	0.0	0.000	A
C-A	19.39	19.39			19.39				
C-B	0.00	0.00	149.38	0.000	0.00	0.0	0.0	0.000	A
A-B	0.00	0.00			0.00				
A-C	30.71	30.71			30.71				

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	112.24	0.000	0.00	0.0	0.0	0.000	A
B-A	1.04	1.04	55.92	0.019	1.02	0.0	0.0	16.387	C
C-A	31.57	31.57			31.57				
C-B	1.04	1.04	77.31	0.013	1.02	0.0	0.0	11.797	B
A-B	0.00	0.00			0.00				
A-C	27.49	27.49			27.49				

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	111.70	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	55.76	0.000	0.02	0.0	0.0	0.000	A
C-A	24.49	24.49			24.49				
C-B	0.00	0.00	76.28	0.000	0.01	0.0	0.0	0.000	A
A-B	0.00	0.00			0.00				
A-C	35.62	35.62			35.62				

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	147.99	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	87.83	0.000	0.00	0.0	0.0	0.000	A
C-A	27.49	27.49			27.49				
C-B	0.00	0.00	124.10	0.000	0.00	0.0	0.0	0.000	A
A-B	0.00	0.00			0.00				
A-C	25.46	25.46			25.46				

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	144.93	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	94.46	0.000	0.00	0.0	0.0	0.000	A
C-A	31.55	31.55			31.55				
C-B	0.00	0.00	134.91	0.000	0.00	0.0	0.0	0.000	A
A-B	0.00	0.00			0.00				
A-C	35.68	35.68			35.68				

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	1.04	1.04	76.70	0.014	1.02	0.0	0.0	11.892	B
B-A	0.00	0.00	78.80	0.000	0.00	0.0	0.0	0.000	A
C-A	30.58	30.58			30.58				
C-B	0.00	0.00	145.50	0.000	0.00	0.0	0.0	0.000	A
A-B	1.04	1.04			1.04				
A-C	24.46	24.46			24.46				

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	56.46	0.000	0.01	0.0	0.0	0.000	A
B-A	1.04	1.04	55.79	0.019	1.02	0.0	0.0	16.427	C
C-A	28.59	28.59			28.59				
C-B	1.04	1.04	77.17	0.013	1.02	0.0	0.0	11.818	B
A-B	0.00	0.00			0.00				
A-C	27.51	27.51			27.51				

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	88.66	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	54.96	0.000	0.02	0.0	0.0	0.000	A
C-A	27.47	27.47			27.47				
C-B	0.00	0.00	75.24	0.000	0.01	0.0	0.0	0.000	A
A-B	1.04	1.04			1.04				
A-C	37.73	37.73			37.73				

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	1.04	1.04	74.54	0.014	1.02	0.0	0.0	12.242	B
B-A	0.00	0.00	65.24	0.000	0.00	0.0	0.0	0.000	A
C-A	26.45	26.45			26.45				
C-B	0.00	0.00	120.19	0.000	0.00	0.0	0.0	0.000	A
A-B	1.04	1.04			1.04				
A-C	40.74	40.74			40.74				

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	1.04	1.04	75.17	0.014	1.04	0.0	0.0	12.139	B
B-A	0.00	0.00	72.75	0.000	0.00	0.0	0.0	0.000	A
C-A	25.57	25.57			25.57				
C-B	0.00	0.00	134.68	0.000	0.00	0.0	0.0	0.000	A
A-B	1.04	1.04			1.04				
A-C	35.66	35.66			35.66				

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	1.04	1.04	71.68	0.014	1.04	0.0	0.0	12.739	B
B-A	1.04	1.04	51.77	0.020	1.02	0.0	0.0	17.734	C
C-A	35.64	35.64			35.64				
C-B	1.04	1.04	75.23	0.014	1.02	0.0	0.0	12.127	B
A-B	0.00	0.00			0.00				
A-C	37.78	37.78			37.78				

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	55.88	0.000	0.01	0.0	0.0	0.000	A
B-A	1.04	1.04	54.43	0.019	1.04	0.0	0.0	16.856	C
C-A	38.73	38.73			38.73				
C-B	1.04	1.04	76.41	0.014	1.04	0.0	0.0	11.942	B
A-B	0.00	0.00			0.00				
A-C	33.61	33.61			33.61				

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	89.39	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	54.77	0.000	0.02	0.0	0.0	0.000	A
C-A	30.67	30.67			30.67				
C-B	0.00	0.00	76.01	0.000	0.01	0.0	0.0	0.000	A
A-B	0.00	0.00			0.00				
A-C	34.67	34.67			34.67				

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	127.67	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	83.82	0.000	0.00	0.0	0.0	0.000	A
C-A	30.58	30.58			30.58				
C-B	0.00	0.00	120.21	0.000	0.00	0.0	0.0	0.000	A
A-B	0.00	0.00			0.00				
A-C	43.76	43.76			43.76				

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	135.84	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	93.23	0.000	0.00	0.0	0.0	0.000	A
C-A	38.62	38.62			38.62				
C-B	0.00	0.00	134.22	0.000	0.00	0.0	0.0	0.000	A
A-B	0.00	0.00			0.00				
A-C	37.73	37.73			37.73				

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	135.95	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	96.33	0.000	0.00	0.0	0.0	0.000	A
C-A	30.47	30.47			30.47				
C-B	0.00	0.00	138.04	0.000	0.00	0.0	0.0	0.000	A
A-B	0.00	0.00			0.00				
A-C	56.99	56.99			56.99				

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	128.94	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	91.53	0.000	0.00	0.0	0.0	0.000	A
C-A	25.41	25.41			25.41				
C-B	0.00	0.00	132.54	0.000	0.00	0.0	0.0	0.000	A
A-B	1.04	1.04			1.04				
A-C	93.58	93.58			93.58				

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	1.04	1.04	71.03	0.015	1.02	0.0	0.0	12.850	B
B-A	0.00	0.00	73.19	0.000	0.00	0.0	0.0	0.000	A
C-A	44.82	44.82			44.82				
C-B	0.00	0.00	141.11	0.000	0.00	0.0	0.0	0.000	A
A-B	1.02	1.02			1.02				
A-C	66.20	66.20			66.20				

16:30 - 16:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	69.58	0.000	0.01	0.0	0.0	0.000	A
B-A	0.00	0.00	72.80	0.000	0.00	0.0	0.0	0.000	A
C-A	32.59	32.59			32.59				
C-B	1.04	1.04	70.27	0.015	1.02	0.0	0.0	12.993	B
A-B	0.00	0.00			0.00				
A-C	81.37	81.37			81.37				

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	1.04	1.04	69.46	0.015	1.02	0.0	0.0	13.148	B
B-A	0.00	0.00	73.01	0.000	0.00	0.0	0.0	0.000	A
C-A	30.58	30.58			30.58				
C-B	1.04	1.04	70.14	0.015	1.04	0.0	0.0	13.023	B
A-B	0.00	0.00			0.00				
A-C	82.38	82.38			82.38				

17:00 - 17:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	1.04	1.04	69.84	0.015	1.04	0.0	0.0	13.080	B
B-A	0.00	0.00	74.90	0.000	0.00	0.0	0.0	0.000	A
C-A	23.38	23.38			23.38				
C-B	1.04	1.04	70.53	0.015	1.04	0.0	0.0	12.950	B
A-B	0.00	0.00			0.00				
A-C	80.33	80.33			80.33				

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	1.04	1.04	65.58	0.016	1.04	0.0	0.0	13.943	B
B-A	1.04	1.04	47.08	0.022	1.02	0.0	0.0	19.531	C
C-A	25.41	25.41			25.41				
C-B	1.04	1.04	68.85	0.015	1.04	0.0	0.0	13.270	B
A-B	0.00	0.00			0.00				
A-C	90.55	90.55			90.55				

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	50.86	0.000	0.02	0.0	0.0	0.000	A
B-A	1.02	1.02	95.99	0.010	1.02	0.0	0.0	14.036	B
C-A	34.56	34.56			34.56				
C-B	0.00	0.00	69.38	0.000	0.02	0.0	0.0	0.000	A
A-B	0.00	0.00			0.00				
A-C	89.47	89.47			89.47				

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	82.03	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	99.05	0.000	0.02	0.0	0.0	0.000	A
C-A	31.53	31.53			31.53				
C-B	0.00	0.00	111.61	0.000	0.00	0.0	0.0	0.000	A
A-B	0.00	0.00			0.00				
A-C	85.43	85.43			85.43				

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	1.04	1.04	70.22	0.015	1.02	0.0	0.0	13.003	B
B-A	0.00	0.00	74.36	0.000	0.00	0.0	0.0	0.000	A
C-A	33.56	33.56			33.56				
C-B	1.04	1.04	70.91	0.015	1.02	0.0	0.0	12.874	B
A-B	0.00	0.00			0.00				
A-C	77.28	77.28			77.28				

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	71.88	0.000	0.01	0.0	0.0	0.000	A
B-A	0.00	0.00	77.79	0.000	0.00	0.0	0.0	0.000	A
C-A	28.46	28.46			28.46				
C-B	0.00	0.00	72.59	0.000	0.01	0.0	0.0	0.000	A
A-B	0.00	0.00			0.00				
A-C	66.06	66.06			66.06				

18:30 - 18:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	1.04	1.04	72.89	0.014	1.02	0.0	0.0	12.518	B
B-A	0.00	0.00	79.23	0.000	0.00	0.0	0.0	0.000	A
C-A	24.38	24.38			24.38				
C-B	1.04	1.04	73.61	0.014	1.02	0.0	0.0	12.398	B
A-B	0.00	0.00			0.00				
A-C	58.93	58.93			58.93				

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	74.18	0.000	0.01	0.0	0.0	0.000	A
B-A	0.00	0.00	70.16	0.000	0.00	0.0	0.0	0.000	A
C-A	130.01	130.01			130.01				
C-B	0.00	0.00	74.75	0.000	0.01	0.0	0.0	0.000	A
A-B	1.04	1.04			1.04				
A-C	46.77	46.77			46.77				

Opening yr +5,

Data Errors and Warnings

Severity	Area	Item	Description
Warning	Minor arm flare	B - Site Access - Minor arm geometry	Is flare very short? Estimated flare length is zero but has been increased to 1 because a zero flare length is not allowed.

Junction Network

Junctions

Junction	Name	Junction type	Major road direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	T-Junction site access	T-Junction	Two-way		0.29	A

Junction Network Options

Driving side	Lighting
Left	Normal/unknown

Traffic Demand

Demand Set Details

ID	Scenario name	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time period length (min)	Time segment length (min)	Run automatically
D5	Opening yr +5	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 - N81 North		DIRECT	✓	100.000
B - Site Access		DIRECT	✓	100.000
C - N81 South		DIRECT	✓	100.000

Origin-Destination Data

07:00 - 07:15

Demand (Veh/TS)

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0.00	0.00	11.14
	B - Site Access	0.00	0.00	0.00
	C - N81 South	91.82	0.00	0.00

07:15 - 07:30

Demand (Veh/TS)

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0.00	0.00	11.14
	B - Site Access	0.00	0.00	0.00
	C - N81 South	79.45	1.09	0.00

07:30 - 07:45

Demand (Veh/TS)

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0.00	0.00	19.16
	B - Site Access	0.00	0.00	0.00
	C - N81 South	97.53	0.00	0.00

07:45 - 08:00

Demand (Veh/TS)

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0.00	0.00	29.75
	B - Site Access	0.00	0.00	0.00
	C - N81 South	78.78	1.09	0.00

08:00 - 08:15

Demand (Veh/TS)

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0.00	0.00	30.70
	B - Site Access	0.00	0.00	0.00
	C - N81 South	79.19	0.00	0.00

08:15 - 08:30

Demand (Veh/TS)

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0.00	0.00	30.84
	B - Site Access	0.00	0.00	0.00
	C - N81 South	99.56	0.00	0.00

08:30 - 08:45

Demand (Veh/TS)

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0.00	1.22	41.70
	B - Site Access	0.00	0.00	0.00
	C - N81 South	107.03	0.00	0.00

08:45 - 09:00

Demand (Veh/TS)

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0.00	1.22	45.65
	B - Site Access	1.22	0.00	0.00
	C - N81 South	76.74	0.00	0.00

09:00 - 09:15

Demand (Veh/TS)

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0.00	0.00	32.33
	B - Site Access	0.00	0.00	0.00
	C - N81 South	54.06	0.00	0.00

09:15 - 09:30

Demand (Veh/TS)

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0.00	0.00	35.18
	B - Site Access	2.45	0.00	0.00
	C - N81 South	45.10	2.45	0.00

09:30 - 09:45

Demand (Veh/TS)

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0.00	0.00	35.32
	B - Site Access	0.00	0.00	1.22
	C - N81 South	34.09	0.00	0.00

09:45 - 10:00

Demand (Veh/TS)

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0.00	0.00	24.32
	B - Site Access	0.00	0.00	1.22
	C - N81 South	48.91	0.00	0.00

10:00 - 10:15

Demand (Veh/TS)

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0.00	3.67	18.75
	B - Site Access	0.00	0.00	1.22
	C - N81 South	32.20	0.00	0.00

10:15 - 10:30

Demand (Veh/TS)

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0.00	1.22	29.07
	B - Site Access	0.00	0.00	0.00
	C - N81 South	34.37	0.00	0.00

10:30 - 10:45

Demand (Veh/TS)

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0.00	1.22	38.85
	B - Site Access	1.22	0.00	1.22
	C - N81 South	28.66	1.22	0.00

10:45 - 11:00

Demand (Veh/TS)

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0.00	1.22	35.87
	B - Site Access	0.00	0.00	0.00
	C - N81 South	38.18	0.00	0.00

11:00 - 11:15

Demand (Veh/TS)

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0.00	0.00	34.37
	B - Site Access	0.00	0.00	0.00
	C - N81 South	30.30	0.00	0.00

11:15 - 11:30

Demand (Veh/TS)

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0.00	0.00	22.01
	B - Site Access	1.22	0.00	0.00
	C - N81 South	33.42	0.00	0.00

11:30 - 11:45

Demand (Veh/TS)

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0.00	0.00	38.72
	B - Site Access	0.00	0.00	0.00
	C - N81 South	38.72	0.00	0.00

11:45 - 12:00

Demand (Veh/TS)

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0.00	0.00	26.76
	B - Site Access	0.00	0.00	0.00
	C - N81 South	33.15	0.00	0.00

12:00 - 12:15

Demand (Veh/TS)

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0.00	0.00	34.11
	B - Site Access	0.00	0.00	0.00
	C - N81 South	21.19	0.00	0.00

12:15 - 12:30

Demand (Veh/TS)

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0.00	0.00	29.75
	B - Site Access	1.22	0.00	0.00
	C - N81 South	34.23	1.22	0.00

12:30 - 12:45

Demand (Veh/TS)

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0.00	0.00	38.44
	B - Site Access	0.00	0.00	0.00
	C - N81 South	26.76	0.00	0.00

12:45 - 13:00

Demand (Veh/TS)

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0.00	0.00	27.58
	B - Site Access	0.00	0.00	0.00
	C - N81 South	29.75	0.00	0.00

13:00 - 13:15

Demand (Veh/TS)

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0.00	0.00	38.85
	B - Site Access	0.00	0.00	0.00
	C - N81 South	34.09	0.00	0.00

13:15 - 13:30

Demand (Veh/TS)

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0.00	1.22	26.63
	B - Site Access	0.00	0.00	1.22
	C - N81 South	33.28	0.00	0.00

13:30 - 13:45

Demand (Veh/TS)

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0.00	0.00	29.89
	B - Site Access	1.22	0.00	0.00
	C - N81 South	31.39	1.22	0.00

13:45 - 14:00

Demand (Veh/TS)

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0.00	1.22	41.16
	B - Site Access	0.00	0.00	0.00
	C - N81 South	29.61	0.00	0.00

14:00 - 14:15

Demand (Veh/TS)

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0.00	1.22	44.15
	B - Site Access	0.00	0.00	1.22
	C - N81 South	28.52	0.00	0.00

14:15 - 14:30

Demand (Veh/TS)

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0.00	1.22	38.72
	B - Site Access	0.00	0.00	1.22
	C - N81 South	28.26	0.00	0.00

14:30 - 14:45

Demand (Veh/TS)

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0.00	0.00	41.44
	B - Site Access	1.22	0.00	1.22
	C - N81 South	38.58	1.22	0.00

14:45 - 15:00

Demand (Veh/TS)

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0.00	0.00	36.41
	B - Site Access	1.22	0.00	0.00
	C - N81 South	42.11	1.22	0.00

15:00 - 15:15

Demand (Veh/TS)

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0.00	0.00	37.77
	B - Site Access	0.00	0.00	0.00
	C - N81 South	33.83	0.00	0.00

15:15 - 15:30

Demand (Veh/TS)

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0.00	0.00	47.27
	B - Site Access	0.00	0.00	0.00
	C - N81 South	33.28	0.00	0.00

15:30 - 15:45

Demand (Veh/TS)

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0.00	0.00	41.16
	B - Site Access	0.00	0.00	0.00
	C - N81 South	41.43	0.00	0.00

15:45 - 16:00

Demand (Veh/TS)

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0.00	0.00	61.53
	B - Site Access	0.00	0.00	0.00
	C - N81 South	32.60	0.00	0.00

16:00 - 16:15

Demand (Veh/TS)

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0.00	1.22	100.78
	B - Site Access	0.00	0.00	0.00
	C - N81 South	27.30	0.00	0.00

16:15 - 16:30

Demand (Veh/TS)

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0.00	1.09	71.72
	B - Site Access	0.00	0.00	1.22
	C - N81 South	48.63	0.00	0.00

16:30 - 16:45

Demand (Veh/TS)

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0.00	0.00	87.61
	B - Site Access	0.00	0.00	0.00
	C - N81 South	35.32	1.22	0.00

16:45 - 17:00

Demand (Veh/TS)

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0.00	0.00	88.70
	B - Site Access	0.00	0.00	1.22
	C - N81 South	33.28	1.22	0.00

17:00 - 17:15

Demand (Veh/TS)

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0.00	0.00	86.39
	B - Site Access	0.00	0.00	1.22
	C - N81 South	25.13	1.22	0.00

17:15 - 17:30

Demand (Veh/TS)

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0.00	0.00	97.66
	B - Site Access	1.22	0.00	1.22
	C - N81 South	27.30	1.22	0.00

17:30 - 17:45

Demand (Veh/TS)

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0.00	0.00	96.16
	B - Site Access	1.09	0.00	0.00
	C - N81 South	37.08	0.00	0.00

17:45 - 18:00

Demand (Veh/TS)

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0.00	0.00	91.96
	B - Site Access	0.00	0.00	0.00
	C - N81 South	33.96	0.00	0.00

18:00 - 18:15

Demand (Veh/TS)

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0.00	0.00	83.13
	B - Site Access	0.00	0.00	1.22
	C - N81 South	36.13	1.22	0.00

18:15 - 18:30

Demand (Veh/TS)

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0.00	0.00	70.90
	B - Site Access	0.00	0.00	0.00
	C - N81 South	30.56	0.00	0.00

18:30 - 18:45

Demand (Veh/TS)

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0.00	0.00	63.16
	B - Site Access	0.00	0.00	1.22
	C - N81 South	26.08	1.22	0.00

18:45 - 19:00

Demand (Veh/TS)

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0.00	1.22	50.25
	B - Site Access	0.00	0.00	0.00
	C - N81 South	139.07	0.00	0.00

Vehicle Mix

07:00 - 07:15

Heavy Vehicle Percentages

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0	0	22
	B - Site Access	0	0	0
	C - N81 South	5	0	0

07:15 - 07:30

Heavy Vehicle Percentages

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0	0	22
	B - Site Access	0	0	0
	C - N81 South	2	0	0

07:30 - 07:45

Heavy Vehicle Percentages

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0	0	32
	B - Site Access	0	0	0
	C - N81 South	8	0	0

07:45 - 08:00

Heavy Vehicle Percentages

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0	0	12
	B - Site Access	0	0	0
	C - N81 South	6	0	0

08:00 - 08:15

Heavy Vehicle Percentages

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0	0	8
	B - Site Access	0	0	0
	C - N81 South	11	0	0

08:15 - 08:30

Heavy Vehicle Percentages

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0	0	12
	B - Site Access	0	0	0
	C - N81 South	6	0	0

08:30 - 08:45

Heavy Vehicle Percentages

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0	100	9
	B - Site Access	0	0	0
	C - N81 South	5	0	0

08:45 - 09:00

Heavy Vehicle Percentages

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0	100	21
	B - Site Access	100	0	0
	C - N81 South	8	0	0

09:00 - 09:15

Heavy Vehicle Percentages

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0	0	23
	B - Site Access	0	0	0
	C - N81 South	14	0	0

09:15 - 09:30

Heavy Vehicle Percentages

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0	0	10
	B - Site Access	100	0	0
	C - N81 South	11	100	0

09:30 - 09:45

Heavy Vehicle Percentages

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0	0	14
	B - Site Access	0	0	100
	C - N81 South	11	0	0

09:45 - 10:00

Heavy Vehicle Percentages

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0	0	15
	B - Site Access	0	0	100
	C - N81 South	20	0	0

10:00 - 10:15

Heavy Vehicle Percentages

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0	100	13
	B - Site Access	0	0	100
	C - N81 South	19	0	0

10:15 - 10:30

Heavy Vehicle Percentages

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0	100	25
	B - Site Access	0	0	0
	C - N81 South	18	0	0

10:30 - 10:45

Heavy Vehicle Percentages

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0	100	19
	B - Site Access	100	0	100
	C - N81 South	13	100	0

10:45 - 11:00

Heavy Vehicle Percentages

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0	100	27
	B - Site Access	0	0	0
	C - N81 South	29	0	0

11:00 - 11:15

Heavy Vehicle Percentages

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0	0	18
	B - Site Access	0	0	0
	C - N81 South	28	0	0

11:15 - 11:30

Heavy Vehicle Percentages

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0	0	11
	B - Site Access	100	0	0
	C - N81 South	22	0	0

11:30 - 11:45

Heavy Vehicle Percentages

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0	0	16
	B - Site Access	0	0	0
	C - N81 South	16	0	0

11:45 - 12:00

Heavy Vehicle Percentages

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0	0	23
	B - Site Access	0	0	0
	C - N81 South	15	0	0

12:00 - 12:15

Heavy Vehicle Percentages

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0	0	39
	B - Site Access	0	0	0
	C - N81 South	23	0	0

12:15 - 12:30

Heavy Vehicle Percentages

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0	0	12
	B - Site Access	100	0	0
	C - N81 South	14	100	0

12:30 - 12:45

Heavy Vehicle Percentages

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0	0	10
	B - Site Access	0	0	0
	C - N81 South	23	0	0

12:45 - 13:00

Heavy Vehicle Percentages

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0	0	13
	B - Site Access	0	0	0
	C - N81 South	12	0	0

13:00 - 13:15

Heavy Vehicle Percentages

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0	0	19
	B - Site Access	0	0	0
	C - N81 South	11	0	0

13:15 - 13:30

Heavy Vehicle Percentages

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0	100	18
	B - Site Access	0	0	100
	C - N81 South	18	0	0

13:30 - 13:45

Heavy Vehicle Percentages

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0	0	16
	B - Site Access	100	0	0
	C - N81 South	27	100	0

13:45 - 14:00

Heavy Vehicle Percentages

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0	100	21
	B - Site Access	0	0	0
	C - N81 South	8	0	0

14:00 - 14:15

Heavy Vehicle Percentages

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0	100	14
	B - Site Access	0	0	100
	C - N81 South	9	0	0

14:15 - 14:30

Heavy Vehicle Percentages

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0	100	16
	B - Site Access	0	0	100
	C - N81 South	35	0	0

14:30 - 14:45

Heavy Vehicle Percentages

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0	0	27
	B - Site Access	100	0	100
	C - N81 South	13	100	0

14:45 - 15:00

Heavy Vehicle Percentages

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0	0	13
	B - Site Access	100	0	0
	C - N81 South	17	100	0

15:00 - 15:15

Heavy Vehicle Percentages

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0	0	19
	B - Site Access	0	0	0
	C - N81 South	33	0	0

15:15 - 15:30

Heavy Vehicle Percentages

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0	0	10
	B - Site Access	0	0	0
	C - N81 South	18	0	0

15:30 - 15:45

Heavy Vehicle Percentages

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0	0	21
	B - Site Access	0	0	0
	C - N81 South	3	0	0

15:45 - 16:00

Heavy Vehicle Percentages

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0	0	10
	B - Site Access	0	0	0
	C - N81 South	0	0	0

16:00 - 16:15

Heavy Vehicle Percentages

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0	100	7
	B - Site Access	0	0	0
	C - N81 South	4	0	0

16:15 - 16:30

Heavy Vehicle Percentages

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0	0	14
	B - Site Access	0	0	100
	C - N81 South	15	0	0

16:30 - 16:45

Heavy Vehicle Percentages

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0	0	7
	B - Site Access	0	0	0
	C - N81 South	14	100	0

16:45 - 17:00

Heavy Vehicle Percentages

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0	0	7
	B - Site Access	0	0	100
	C - N81 South	18	100	0

17:00 - 17:15

Heavy Vehicle Percentages

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0	0	6
	B - Site Access	0	0	100
	C - N81 South	5	100	0

17:15 - 17:30

Heavy Vehicle Percentages

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0	0	9
	B - Site Access	100	0	100
	C - N81 South	4	100	0

17:30 - 17:45

Heavy Vehicle Percentages

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0	0	5
	B - Site Access	0	0	0
	C - N81 South	3	0	0

17:45 - 18:00

Heavy Vehicle Percentages

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0	0	7
	B - Site Access	0	0	0
	C - N81 South	7	0	0

18:00 - 18:15

Heavy Vehicle Percentages

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0	0	6
	B - Site Access	0	0	100
	C - N81 South	7	100	0

18:15 - 18:30

Heavy Vehicle Percentages

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0	0	3
	B - Site Access	0	0	0
	C - N81 South	4	0	0

18:30 - 18:45

Heavy Vehicle Percentages

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0	0	2
	B - Site Access	0	0	100
	C - N81 South	0	100	0

18:45 - 19:00

Heavy Vehicle Percentages

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0	100	5
	B - Site Access	0	0	0
	C - N81 South	0	0	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (Veh)	Max LOS	Average Demand (Veh/TS)	Total Junction Arrivals (Veh)
B-C	0.02	14.22	0.0	B	0.36	17.14
B-A	0.05	20.11	0.0	C	0.28	13.33
C-A					45.42	2180.02
C-B	0.03	13.52	0.0	B	0.38	18.09
A-B					0.38	18.22
A-C					45.73	2194.88

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	151.88	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	103.89	0.000	0.00	0.0	0.0	0.000	A
C-A	91.82	91.82			91.82				
C-B	0.00	0.00	158.89	0.000	0.00	0.0	0.0	0.000	A
A-B	0.00	0.00			0.00				
A-C	11.14	11.14			11.14				

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	151.88	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	105.78	0.000	0.00	0.0	0.0	0.000	A
C-A	79.45	79.45			79.45				
C-B	1.09	1.09	158.89	0.007	1.08	0.0	0.0	5.702	A
A-B	0.00	0.00			0.00				
A-C	11.14	11.14			11.14				

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	149.07	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	100.16	0.000	0.00	0.0	0.0	0.000	A
C-A	97.53	97.53			97.53				
C-B	0.00	0.00	155.95	0.000	0.01	0.0	0.0	0.000	A
A-B	0.00	0.00			0.00				
A-C	19.16	19.16			19.16				

07:45 - 08:00

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	147.11	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	100.97	0.000	0.00	0.0	0.0	0.000	A
C-A	78.78	78.78			78.78				
C-B	1.09	1.09	153.90	0.007	1.08	0.0	0.0	5.888	A
A-B	0.00	0.00			0.00				
A-C	29.75	29.75			29.75				

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	147.18	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	100.80	0.000	0.00	0.0	0.0	0.000	A
C-A	79.19	79.19			79.19				
C-B	0.00	0.00	153.97	0.000	0.01	0.0	0.0	0.000	A
A-B	0.00	0.00			0.00				
A-C	30.70	30.70			30.70				

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	146.85	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	98.00	0.000	0.00	0.0	0.0	0.000	A
C-A	99.56	99.56			99.56				
C-B	0.00	0.00	153.63	0.000	0.00	0.0	0.0	0.000	A
A-B	0.00	0.00			0.00				
A-C	30.84	30.84			30.84				

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	144.01	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	94.51	0.000	0.00	0.0	0.0	0.000	A
C-A	107.03	107.03			107.03				
C-B	0.00	0.00	150.28	0.000	0.00	0.0	0.0	0.000	A
A-B	1.22	1.22			1.22				
A-C	41.70	41.70			41.70				

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	108.20	0.000	0.00	0.0	0.0	0.000	A
B-A	1.22	1.22	49.89	0.025	1.20	0.0	0.0	18.472	C
C-A	76.74	76.74			76.74				
C-B	0.00	0.00	147.75	0.000	0.00	0.0	0.0	0.000	A
A-B	1.22	1.22			1.22				
A-C	45.65	45.65			45.65				

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	111.95	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	53.37	0.000	0.02	0.0	0.0	0.000	A
C-A	54.06	54.06			54.06				
C-B	0.00	0.00	152.33	0.000	0.00	0.0	0.0	0.000	A
A-B	0.00	0.00			0.00				
A-C	32.33	32.33			32.33				

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	110.84	0.000	0.00	0.0	0.0	0.000	A
B-A	2.45	2.45	53.48	0.046	2.40	0.0	0.0	17.604	C
C-A	45.10	45.10			45.10				
C-B	2.45	2.45	76.27	0.032	2.42	0.0	0.0	10.259	B
A-B	0.00	0.00			0.00				
A-C	35.18	35.18			35.18				

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	1.22	1.22	75.33	0.016	1.21	0.0	0.0	12.139	B
B-A	0.00	0.00	40.83	0.000	0.05	0.0	0.0	0.000	A
C-A	34.09	34.09			34.09				
C-B	0.00	0.00	76.10	0.000	0.03	0.0	0.0	0.000	A
A-B	0.00	0.00			0.00				
A-C	35.32	35.32			35.32				

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	1.22	1.22	76.88	0.016	1.22	0.0	0.0	11.895	B
B-A	0.00	0.00	65.21	0.000	0.00	0.0	0.0	0.000	A
C-A	48.91	48.91			48.91				
C-B	0.00	0.00	124.22	0.000	0.00	0.0	0.0	0.000	A
A-B	0.00	0.00			0.00				
A-C	24.32	24.32			24.32				

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	1.22	1.22	77.36	0.016	1.22	0.0	0.0	11.820	B
B-A	0.00	0.00	74.98	0.000	0.00	0.0	0.0	0.000	A
C-A	32.20	32.20			32.20				
C-B	0.00	0.00	137.90	0.000	0.00	0.0	0.0	0.000	A
A-B	3.67	3.67			3.67				
A-C	18.75	18.75			18.75				

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	75.71	0.000	0.02	0.0	0.0	0.000	A
B-A	0.00	0.00	77.04	0.000	0.00	0.0	0.0	0.000	A
C-A	34.37	34.37			34.37				
C-B	0.00	0.00	143.56	0.000	0.00	0.0	0.0	0.000	A
A-B	1.22	1.22			1.22				
A-C	29.07	29.07			29.07				

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	1.22	1.22	71.48	0.017	1.21	0.0	0.0	12.805	B
B-A	1.22	1.22	52.32	0.023	1.20	0.0	0.0	17.597	C
C-A	28.66	28.66			28.66				
C-B	1.22	1.22	75.04	0.016	1.21	0.0	0.0	12.187	B
A-B	1.22	1.22			1.22				
A-C	38.85	38.85			38.85				

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	68.81	0.000	0.02	0.0	0.0	0.000	A
B-A	0.00	0.00	51.51	0.000	0.02	0.0	0.0	0.000	A
C-A	38.18	38.18			38.18				
C-B	0.00	0.00	75.10	0.000	0.02	0.0	0.0	0.000	A
A-B	1.22	1.22			1.22				
A-C	35.87	35.87			35.87				

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	0.00	0.00	116.33	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	84.79	0.000	0.00	0.0	0.0	0.000	A
C-A	30.30	30.30			30.30				
C-B	0.00	0.00	121.70	0.000	0.00	0.0	0.0	0.000	A
A-B	0.00	0.00			0.00				
A-C	34.37	34.37			34.37				

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	101.48	0.000	0.00	0.0	0.0	0.000	A
B-A	1.22	1.22	56.61	0.022	1.20	0.0	0.0	16.245	C
C-A	33.42	33.42			33.42				
C-B	0.00	0.00	138.81	0.000	0.00	0.0	0.0	0.000	A
A-B	0.00	0.00			0.00				
A-C	22.01	22.01			22.01				

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	104.47	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	53.97	0.000	0.02	0.0	0.0	0.000	A
C-A	38.72	38.72			38.72				
C-B	0.00	0.00	142.15	0.000	0.00	0.0	0.0	0.000	A
A-B	0.00	0.00			0.00				
A-C	38.72	38.72			38.72				

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	142.78	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	86.24	0.000	0.00	0.0	0.0	0.000	A
C-A	33.15	33.15			33.15				
C-B	0.00	0.00	149.37	0.000	0.00	0.0	0.0	0.000	A
A-B	0.00	0.00			0.00				
A-C	26.76	26.76			26.76				

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	141.50	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	94.40	0.000	0.00	0.0	0.0	0.000	A
C-A	21.19	21.19			21.19				
C-B	0.00	0.00	148.03	0.000	0.00	0.0	0.0	0.000	A
A-B	0.00	0.00			0.00				
A-C	34.11	34.11			34.11				

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	111.63	0.000	0.00	0.0	0.0	0.000	A
B-A	1.22	1.22	55.29	0.022	1.20	0.0	0.0	16.632	C
C-A	34.23	34.23			34.23				
C-B	1.22	1.22	76.95	0.016	1.21	0.0	0.0	11.879	B
A-B	0.00	0.00			0.00				
A-C	29.75	29.75			29.75				

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	111.07	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	55.14	0.000	0.02	0.0	0.0	0.000	A
C-A	26.76	26.76			26.76				
C-B	0.00	0.00	75.86	0.000	0.02	0.0	0.0	0.000	A
A-B	0.00	0.00			0.00				
A-C	38.44	38.44			38.44				

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	147.35	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	87.04	0.000	0.00	0.0	0.0	0.000	A
C-A	29.75	29.75			29.75				
C-B	0.00	0.00	123.56	0.000	0.00	0.0	0.0	0.000	A
A-B	0.00	0.00			0.00				
A-C	27.58	27.58			27.58				

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	143.90	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	93.23	0.000	0.00	0.0	0.0	0.000	A
C-A	34.09	34.09			34.09				
C-B	0.00	0.00	133.95	0.000	0.00	0.0	0.0	0.000	A
A-B	0.00	0.00			0.00				
A-C	38.85	38.85			38.85				

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	1.22	1.22	76.32	0.016	1.21	0.0	0.0	11.979	B
B-A	0.00	0.00	77.94	0.000	0.00	0.0	0.0	0.000	A
C-A	33.28	33.28			33.28				
C-B	0.00	0.00	144.72	0.000	0.00	0.0	0.0	0.000	A
A-B	1.22	1.22			1.22				
A-C	26.63	26.63			26.63				

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	56.12	0.000	0.02	0.0	0.0	0.000	A
B-A	1.22	1.22	55.08	0.022	1.20	0.0	0.0	16.699	C
C-A	31.39	31.39			31.39				
C-B	1.22	1.22	76.78	0.016	1.21	0.0	0.0	11.906	B
A-B	0.00	0.00			0.00				
A-C	29.89	29.89			29.89				

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	87.93	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	54.22	0.000	0.02	0.0	0.0	0.000	A
C-A	29.61	29.61			29.61				
C-B	0.00	0.00	74.59	0.000	0.02	0.0	0.0	0.000	A
A-B	1.22	1.22			1.22				
A-C	41.16	41.16			41.16				

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	1.22	1.22	73.98	0.017	1.21	0.0	0.0	12.364	B
B-A	0.00	0.00	64.41	0.000	0.00	0.0	0.0	0.000	A
C-A	28.52	28.52			28.52				
C-B	0.00	0.00	119.24	0.000	0.00	0.0	0.0	0.000	A
A-B	1.22	1.22			1.22				
A-C	44.15	44.15			44.15				

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	1.22	1.22	74.66	0.016	1.22	0.0	0.0	12.255	B
B-A	0.00	0.00	71.72	0.000	0.00	0.0	0.0	0.000	A
C-A	28.26	28.26			28.26				
C-B	0.00	0.00	133.70	0.000	0.00	0.0	0.0	0.000	A
A-B	1.22	1.22			1.22				
A-C	38.72	38.72			38.72				

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	1.22	1.22	70.97	0.017	1.22	0.0	0.0	12.904	B
B-A	1.22	1.22	50.86	0.024	1.20	0.0	0.0	18.115	C
C-A	38.58	38.58			38.58				
C-B	1.22	1.22	74.56	0.016	1.21	0.0	0.0	12.267	B
A-B	0.00	0.00			0.00				
A-C	41.44	41.44			41.44				

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	55.50	0.000	0.02	0.0	0.0	0.000	A
B-A	1.22	1.22	53.64	0.023	1.22	0.0	0.0	17.171	C
C-A	42.11	42.11			42.11				
C-B	1.22	1.22	75.96	0.016	1.22	0.0	0.0	12.043	B
A-B	0.00	0.00			0.00				
A-C	36.41	36.41			36.41				

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	88.76	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	53.93	0.000	0.02	0.0	0.0	0.000	A
C-A	33.83	33.83			33.83				
C-B	0.00	0.00	75.48	0.000	0.02	0.0	0.0	0.000	A
A-B	0.00	0.00			0.00				
A-C	37.77	37.77			37.77				

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	126.76	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	82.66	0.000	0.00	0.0	0.0	0.000	A
C-A	33.28	33.28			33.28				
C-B	0.00	0.00	119.35	0.000	0.00	0.0	0.0	0.000	A
A-B	0.00	0.00			0.00				
A-C	47.27	47.27			47.27				

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	134.77	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	91.93	0.000	0.00	0.0	0.0	0.000	A
C-A	41.43	41.43			41.43				
C-B	0.00	0.00	133.16	0.000	0.00	0.0	0.0	0.000	A
A-B	0.00	0.00			0.00				
A-C	41.16	41.16			41.16				

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	134.67	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	94.91	0.000	0.00	0.0	0.0	0.000	A
C-A	32.60	32.60			32.60				
C-B	0.00	0.00	136.75	0.000	0.00	0.0	0.0	0.000	A
A-B	0.00	0.00			0.00				
A-C	61.53	61.53			61.53				

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	126.93	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	89.43	0.000	0.00	0.0	0.0	0.000	A
C-A	27.30	27.30			27.30				
C-B	0.00	0.00	130.42	0.000	0.00	0.0	0.0	0.000	A
A-B	1.22	1.22			1.22				
A-C	100.79	100.79			100.79				

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	1.22	1.22	70.16	0.017	1.21	0.0	0.0	13.050	B
B-A	0.00	0.00	71.48	0.000	0.00	0.0	0.0	0.000	A
C-A	48.63	48.63			48.63				
C-B	0.00	0.00	139.36	0.000	0.00	0.0	0.0	0.000	A
A-B	1.09	1.09			1.09				
A-C	71.72	71.72			71.72				

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	68.69	0.000	0.02	0.0	0.0	0.000	A
B-A	0.00	0.00	71.13	0.000	0.00	0.0	0.0	0.000	A
C-A	35.32	35.32			35.32				
C-B	1.22	1.22	69.37	0.018	1.21	0.0	0.0	13.201	B
A-B	0.00	0.00			0.00				
A-C	87.61	87.61			87.61				

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	1.22	1.22	68.55	0.018	1.21	0.0	0.0	13.361	B
B-A	0.00	0.00	71.30	0.000	0.00	0.0	0.0	0.000	A
C-A	33.28	33.28			33.28				
C-B	1.22	1.22	69.23	0.018	1.22	0.0	0.0	13.233	B
A-B	0.00	0.00			0.00				
A-C	88.70	88.70			88.70				

17:00 - 17:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	1.22	1.22	68.99	0.018	1.22	0.0	0.0	13.279	B
B-A	0.00	0.00	73.44	0.000	0.00	0.0	0.0	0.000	A
C-A	25.13	25.13			25.13				
C-B	1.22	1.22	69.67	0.018	1.22	0.0	0.0	13.147	B
A-B	0.00	0.00			0.00				
A-C	86.39	86.39			86.39				

17:15 - 17:30

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	1.22	1.22	64.49	0.019	1.22	0.0	0.0	14.223	B
B-A	1.22	1.22	45.94	0.027	1.20	0.0	0.0	20.108	C
C-A	27.30	27.30			27.30				
C-B	1.22	1.22	67.79	0.018	1.22	0.0	0.0	13.518	B
A-B	0.00	0.00			0.00				
A-C	97.66	97.66			97.66				

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	50.16	0.000	0.02	0.0	0.0	0.000	A
B-A	1.09	1.09	93.68	0.011	1.10	0.0	0.0	14.603	B
C-A	37.08	37.08			37.08				
C-B	0.00	0.00	68.45	0.000	0.02	0.0	0.0	0.000	A
A-B	0.00	0.00			0.00				
A-C	96.16	96.16			96.16				

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	80.93	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	96.93	0.000	0.02	0.0	0.0	0.000	A
C-A	33.96	33.96			33.96				
C-B	0.00	0.00	110.11	0.000	0.00	0.0	0.0	0.000	A
A-B	0.00	0.00			0.00				
A-C	91.96	91.96			91.96				

18:00 - 18:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	1.22	1.22	69.40	0.018	1.21	0.0	0.0	13.195	B
B-A	0.00	0.00	72.84	0.000	0.00	0.0	0.0	0.000	A
C-A	36.13	36.13			36.13				
C-B	1.22	1.22	70.08	0.017	1.21	0.0	0.0	13.063	B
A-B	0.00	0.00			0.00				
A-C	83.13	83.13			83.13				

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	71.23	0.000	0.02	0.0	0.0	0.000	A
B-A	0.00	0.00	76.65	0.000	0.00	0.0	0.0	0.000	A
C-A	30.56	30.56			30.56				
C-B	0.00	0.00	71.93	0.000	0.02	0.0	0.0	0.000	A
A-B	0.00	0.00			0.00				
A-C	70.90	70.90			70.90				

18:30 - 18:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	1.22	1.22	72.34	0.017	1.21	0.0	0.0	12.648	B
B-A	0.00	0.00	78.21	0.000	0.00	0.0	0.0	0.000	A
C-A	26.08	26.08			26.08				
C-B	1.22	1.22	73.06	0.017	1.21	0.0	0.0	12.523	B
A-B	0.00	0.00			0.00				
A-C	63.16	63.16			63.16				

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	73.68	0.000	0.02	0.0	0.0	0.000	A
B-A	0.00	0.00	68.50	0.000	0.00	0.0	0.0	0.000	A
C-A	139.07	139.07			139.07				
C-B	0.00	0.00	74.22	0.000	0.02	0.0	0.0	0.000	A
A-B	1.22	1.22			1.22				
A-C	50.26	50.26			50.26				

Opening yr +15,

Data Errors and Warnings

Severity	Area	Item	Description
Warning	Minor arm flare	B - Site Access - Minor arm geometry	Is flare very short? Estimated flare length is zero but has been increased to 1 because a zero flare length is not allowed.

Junction Network

Junctions

Junction	Name	Junction type	Major road direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	T-Junction site access	T-Junction	Two-way		0.33	A

Junction Network Options

Driving side	Lighting
Left	Normal/unknown

Traffic Demand

Demand Set Details

ID	Scenario name	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time period length (min)	Time segment length (min)	Run automatically
D6	Opening yr +15	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 - N81 North		DIRECT	✓	100.000
B - Site Access		DIRECT	✓	100.000
C - N81 South		DIRECT	✓	100.000

Origin-Destination Data

07:00 - 07:15

Demand (Veh/TS)

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0.00	0.00	12.06
	B - Site Access	0.00	0.00	0.00
	C - N81 South	97.25	0.00	0.00

07:15 - 07:30

Demand (Veh/TS)

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0.00	0.00	12.06
	B - Site Access	0.00	0.00	0.00
	C - N81 South	83.74	1.14	0.00

07:30 - 07:45

Demand (Veh/TS)

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0.00	0.00	21.00
	B - Site Access	0.00	0.00	0.00
	C - N81 South	103.59	0.00	0.00

07:45 - 08:00

Demand (Veh/TS)

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0.00	0.00	31.80
	B - Site Access	0.00	0.00	0.00
	C - N81 South	83.54	1.14	0.00

08:00 - 08:15

Demand (Veh/TS)

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0.00	0.00	32.63
	B - Site Access	0.00	0.00	0.00
	C - N81 South	84.48	0.00	0.00

08:15 - 08:30

Demand (Veh/TS)

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0.00	0.00	32.94
	B - Site Access	0.00	0.00	0.00
	C - N81 South	105.57	0.00	0.00

08:30 - 08:45

Demand (Veh/TS)

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0.00	1.46	44.37
	B - Site Access	0.00	0.00	0.00
	C - N81 South	113.25	0.00	0.00

08:45 - 09:00

Demand (Veh/TS)

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0.00	1.46	49.37
	B - Site Access	1.46	0.00	0.00
	C - N81 South	81.57	0.00	0.00

09:00 - 09:15

Demand (Veh/TS)

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0.00	0.00	35.03
	B - Site Access	0.00	0.00	0.00
	C - N81 South	57.88	0.00	0.00

09:15 - 09:30

Demand (Veh/TS)

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0.00	0.00	37.51
	B - Site Access	2.92	0.00	0.00
	C - N81 South	48.11	2.92	0.00

09:30 - 09:45

Demand (Veh/TS)

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0.00	0.00	37.83
	B - Site Access	0.00	0.00	1.46
	C - N81 South	36.37	0.00	0.00

09:45 - 10:00

Demand (Veh/TS)

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0.00	0.00	26.09
	B - Site Access	0.00	0.00	1.46
	C - N81 South	52.80	0.00	0.00

10:00 - 10:15

Demand (Veh/TS)

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0.00	4.37	20.06
	B - Site Access	0.00	0.00	1.46
	C - N81 South	34.71	0.00	0.00

10:15 - 10:30

Demand (Veh/TS)

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0.00	1.46	31.60
	B - Site Access	0.00	0.00	0.00
	C - N81 South	37.00	0.00	0.00

10:30 - 10:45

Demand (Veh/TS)

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0.00	1.46	41.89
	B - Site Access	1.46	0.00	1.46
	C - N81 South	30.66	1.46	0.00

10:45 - 11:00

Demand (Veh/TS)

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0.00	1.46	39.09
	B - Site Access	0.00	0.00	0.00
	C - N81 South	41.69	0.00	0.00

11:00 - 11:15

Demand (Veh/TS)

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0.00	0.00	37.00
	B - Site Access	0.00	0.00	0.00
	C - N81 South	33.06	0.00	0.00

11:15 - 11:30

Demand (Veh/TS)

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0.00	0.00	23.48
	B - Site Access	1.46	0.00	0.00
	C - N81 South	36.17	0.00	0.00

11:30 - 11:45

Demand (Veh/TS)

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0.00	0.00	41.57
	B - Site Access	0.00	0.00	0.00
	C - N81 South	41.57	0.00	0.00

11:45 - 12:00

Demand (Veh/TS)

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0.00	0.00	29.00
	B - Site Access	0.00	0.00	0.00
	C - N81 South	35.54	0.00	0.00

12:00 - 12:15

Demand (Veh/TS)

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0.00	0.00	37.75
	B - Site Access	0.00	0.00	0.00
	C - N81 South	22.97	0.00	0.00

12:15 - 12:30

Demand (Veh/TS)

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0.00	0.00	31.80
	B - Site Access	1.46	0.00	0.00
	C - N81 South	36.68	1.46	0.00

12:30 - 12:45

Demand (Veh/TS)

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0.00	0.00	40.94
	B - Site Access	0.00	0.00	0.00
	C - N81 South	29.00	0.00	0.00

12:45 - 13:00

Demand (Veh/TS)

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0.00	0.00	29.51
	B - Site Access	0.00	0.00	0.00
	C - N81 South	31.80	0.00	0.00

13:00 - 13:15

Demand (Veh/TS)

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0.00	0.00	41.89
	B - Site Access	0.00	0.00	0.00
	C - N81 South	36.37	0.00	0.00

13:15 - 13:30

Demand (Veh/TS)

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0.00	1.46	28.69
	B - Site Access	0.00	0.00	1.46
	C - N81 South	35.86	0.00	0.00

13:30 - 13:45

Demand (Veh/TS)

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0.00	0.00	32.11
	B - Site Access	1.46	0.00	0.00
	C - N81 South	34.20	1.46	0.00

13:45 - 14:00

Demand (Veh/TS)

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0.00	1.46	44.49
	B - Site Access	0.00	0.00	0.00
	C - N81 South	31.48	0.00	0.00

14:00 - 14:15

Demand (Veh/TS)

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0.00	1.46	47.28
	B - Site Access	0.00	0.00	1.46
	C - N81 South	30.34	0.00	0.00

14:15 - 14:30

Demand (Veh/TS)

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0.00	1.46	41.57
	B - Site Access	0.00	0.00	1.46
	C - N81 South	31.09	0.00	0.00

14:30 - 14:45

Demand (Veh/TS)

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0.00	0.00	45.12
	B - Site Access	1.46	0.00	1.46
	C - N81 South	41.26	1.46	0.00

14:45 - 15:00

Demand (Veh/TS)

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0.00	0.00	38.97
	B - Site Access	1.46	0.00	0.00
	C - N81 South	45.31	1.46	0.00

15:00 - 15:15

Demand (Veh/TS)

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0.00	0.00	40.74
	B - Site Access	0.00	0.00	0.00
	C - N81 South	37.12	0.00	0.00

15:15 - 15:30

Demand (Veh/TS)

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0.00	0.00	50.40
	B - Site Access	0.00	0.00	0.00
	C - N81 South	35.86	0.00	0.00

15:30 - 15:45

Demand (Veh/TS)

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0.00	0.00	44.49
	B - Site Access	0.00	0.00	0.00
	C - N81 South	43.74	0.00	0.00

15:45 - 16:00

Demand (Veh/TS)

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0.00	0.00	65.57
	B - Site Access	0.00	0.00	0.00
	C - N81 South	34.28	0.00	0.00

16:00 - 16:15

Demand (Veh/TS)

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0.00	1.46	107.02
	B - Site Access	0.00	0.00	0.00
	C - N81 South	28.88	0.00	0.00

16:15 - 16:30

Demand (Veh/TS)

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0.00	1.14	76.80
	B - Site Access	0.00	0.00	1.46
	C - N81 South	52.17	0.00	0.00

16:30 - 16:45

Demand (Veh/TS)

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0.00	0.00	92.99
	B - Site Access	0.00	0.00	0.00
	C - N81 South	37.83	1.46	0.00

16:45 - 17:00

Demand (Veh/TS)

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0.00	0.00	94.14
	B - Site Access	0.00	0.00	1.46
	C - N81 South	35.86	1.46	0.00

17:00 - 17:15

Demand (Veh/TS)

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0.00	0.00	91.54
	B - Site Access	0.00	0.00	1.46
	C - N81 South	26.60	1.46	0.00

17:15 - 17:30

Demand (Veh/TS)

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0.00	0.00	103.91
	B - Site Access	1.46	0.00	1.46
	C - N81 South	28.88	1.46	0.00

17:30 - 17:45

Demand (Veh/TS)

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0.00	0.00	101.82
	B - Site Access	1.14	0.00	0.00
	C - N81 South	39.17	0.00	0.00

17:45 - 18:00

Demand (Veh/TS)

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0.00	0.00	97.57
	B - Site Access	0.00	0.00	0.00
	C - N81 South	36.06	0.00	0.00

18:00 - 18:15

Demand (Veh/TS)

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0.00	0.00	88.11
	B - Site Access	0.00	0.00	1.46
	C - N81 South	38.34	1.46	0.00

18:15 - 18:30

Demand (Veh/TS)

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0.00	0.00	74.91
	B - Site Access	0.00	0.00	0.00
	C - N81 South	32.31	0.00	0.00

18:30 - 18:45

Demand (Veh/TS)

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0.00	0.00	66.60
	B - Site Access	0.00	0.00	1.46
	C - N81 South	27.43	1.46	0.00

18:45 - 19:00

Demand (Veh/TS)

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0.00	1.46	53.20
	B - Site Access	0.00	0.00	0.00
	C - N81 South	146.27	0.00	0.00

Vehicle Mix

07:00 - 07:15

Heavy Vehicle Percentages

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0	0	24
	B - Site Access	0	0	0
	C - N81 South	6	0	0

07:15 - 07:30

Heavy Vehicle Percentages

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0	0	24
	B - Site Access	0	0	0
	C - N81 South	2	0	0

07:30 - 07:45

Heavy Vehicle Percentages

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0	0	35
	B - Site Access	0	0	0
	C - N81 South	8	0	0

07:45 - 08:00

Heavy Vehicle Percentages

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0	0	14
	B - Site Access	0	0	0
	C - N81 South	7	0	0

08:00 - 08:15

Heavy Vehicle Percentages

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0	0	9
	B - Site Access	0	0	0
	C - N81 South	12	0	0

08:15 - 08:30

Heavy Vehicle Percentages

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0	0	13
	B - Site Access	0	0	0
	C - N81 South	7	0	0

08:30 - 08:45

Heavy Vehicle Percentages

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0	100	10
	B - Site Access	0	0	0
	C - N81 South	5	0	0

08:45 - 09:00

Heavy Vehicle Percentages

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0	100	24
	B - Site Access	100	0	0
	C - N81 South	9	0	0

09:00 - 09:15

Heavy Vehicle Percentages

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0	0	25
	B - Site Access	0	0	0
	C - N81 South	15	0	0

09:15 - 09:30

Heavy Vehicle Percentages

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0	0	12
	B - Site Access	100	0	0
	C - N81 South	12	100	0

09:30 - 09:45

Heavy Vehicle Percentages

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0	0	15
	B - Site Access	0	0	100
	C - N81 South	12	0	0

09:45 - 10:00

Heavy Vehicle Percentages

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0	0	17
	B - Site Access	0	0	100
	C - N81 South	22	0	0

10:00 - 10:15

Heavy Vehicle Percentages

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0	100	15
	B - Site Access	0	0	100
	C - N81 South	21	0	0

10:15 - 10:30

Heavy Vehicle Percentages

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0	100	28
	B - Site Access	0	0	0
	C - N81 South	20	0	0

10:30 - 10:45

Heavy Vehicle Percentages

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0	100	21
	B - Site Access	100	0	100
	C - N81 South	14	100	0

10:45 - 11:00

Heavy Vehicle Percentages

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0	100	30
	B - Site Access	0	0	0
	C - N81 South	31	0	0

11:00 - 11:15

Heavy Vehicle Percentages

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0	0	20
	B - Site Access	0	0	0
	C - N81 South	31	0	0

11:15 - 11:30

Heavy Vehicle Percentages

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0	0	12
	B - Site Access	100	0	0
	C - N81 South	24	0	0

11:30 - 11:45

Heavy Vehicle Percentages

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0	0	18
	B - Site Access	0	0	0
	C - N81 South	18	0	0

11:45 - 12:00

Heavy Vehicle Percentages

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0	0	25
	B - Site Access	0	0	0
	C - N81 South	16	0	0

12:00 - 12:15

Heavy Vehicle Percentages

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0	0	42
	B - Site Access	0	0	0
	C - N81 South	25	0	0

12:15 - 12:30

Heavy Vehicle Percentages

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0	0	14
	B - Site Access	100	0	0
	C - N81 South	16	100	0

12:30 - 12:45

Heavy Vehicle Percentages

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0	0	11
	B - Site Access	0	0	0
	C - N81 South	25	0	0

12:45 - 13:00

Heavy Vehicle Percentages

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0	0	15
	B - Site Access	0	0	0
	C - N81 South	14	0	0

13:00 - 13:15

Heavy Vehicle Percentages

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0	0	21
	B - Site Access	0	0	0
	C - N81 South	12	0	0

13:15 - 13:30

Heavy Vehicle Percentages

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0	100	20
	B - Site Access	0	0	100
	C - N81 South	20	0	0

13:30 - 13:45

Heavy Vehicle Percentages

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0	0	18
	B - Site Access	100	0	0
	C - N81 South	30	100	0

13:45 - 14:00

Heavy Vehicle Percentages

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0	100	23
	B - Site Access	0	0	0
	C - N81 South	9	0	0

14:00 - 14:15

Heavy Vehicle Percentages

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0	100	15
	B - Site Access	0	0	100
	C - N81 South	10	0	0

14:15 - 14:30

Heavy Vehicle Percentages

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0	100	18
	B - Site Access	0	0	100
	C - N81 South	38	0	0

14:30 - 14:45

Heavy Vehicle Percentages

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0	0	29
	B - Site Access	100	0	100
	C - N81 South	14	100	0

14:45 - 15:00

Heavy Vehicle Percentages

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0	0	15
	B - Site Access	100	0	0
	C - N81 South	19	100	0

15:00 - 15:15

Heavy Vehicle Percentages

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0	0	21
	B - Site Access	0	0	0
	C - N81 South	35	0	0

15:15 - 15:30

Heavy Vehicle Percentages

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0	0	12
	B - Site Access	0	0	0
	C - N81 South	20	0	0

15:30 - 15:45

Heavy Vehicle Percentages

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0	0	23
	B - Site Access	0	0	0
	C - N81 South	3	0	0

15:45 - 16:00

Heavy Vehicle Percentages

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0	0	11
	B - Site Access	0	0	0
	C - N81 South	0	0	0

16:00 - 16:15

Heavy Vehicle Percentages

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0	100	8
	B - Site Access	0	0	0
	C - N81 South	5	0	0

16:15 - 16:30

Heavy Vehicle Percentages

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0	0	15
	B - Site Access	0	0	100
	C - N81 South	17	0	0

16:30 - 16:45

Heavy Vehicle Percentages

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0	0	8
	B - Site Access	0	0	0
	C - N81 South	15	100	0

16:45 - 17:00

Heavy Vehicle Percentages

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0	0	8
	B - Site Access	0	0	100
	C - N81 South	20	100	0

17:00 - 17:15

Heavy Vehicle Percentages

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0	0	6
	B - Site Access	0	0	100
	C - N81 South	5	100	0

17:15 - 17:30

Heavy Vehicle Percentages

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0	0	10
	B - Site Access	100	0	100
	C - N81 South	5	100	0

17:30 - 17:45

Heavy Vehicle Percentages

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0	0	6
	B - Site Access	0	0	0
	C - N81 South	4	0	0

17:45 - 18:00

Heavy Vehicle Percentages

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0	0	7
	B - Site Access	0	0	0
	C - N81 South	8	0	0

18:00 - 18:15

Heavy Vehicle Percentages

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0	0	7
	B - Site Access	0	0	100
	C - N81 South	8	100	0

18:15 - 18:30

Heavy Vehicle Percentages

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0	0	4
	B - Site Access	0	0	0
	C - N81 South	5	0	0

18:30 - 18:45

Heavy Vehicle Percentages

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0	0	2
	B - Site Access	0	0	100
	C - N81 South	0	100	0

18:45 - 19:00

Heavy Vehicle Percentages

		To		
		A - N81 North	B - Site Access	C - N81 South
From	A - N81 North	0	100	5
	B - Site Access	0	0	0
	C - N81 South	0	0	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (Veh)	Max LOS	Average Demand (Veh/TS)	Total Junction Arrivals (Veh)
B-C	0.02	14.52	0.0	B	0.43	20.41
B-A	0.06	20.70	0.1	C	0.33	15.72
C-A					48.45	2325.72
C-B	0.04	13.77	0.0	B	0.44	21.23
A-B					0.45	21.55
A-C					48.88	2346.27

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	151.55	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	102.69	0.000	0.00	0.0	0.0	0.000	A
C-A	97.25	97.25			97.25				
C-B	0.00	0.00	158.55	0.000	0.00	0.0	0.0	0.000	A
A-B	0.00	0.00			0.00				
A-C	12.06	12.06			12.06				

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	151.55	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	104.83	0.000	0.00	0.0	0.0	0.000	A
C-A	83.74	83.74			83.74				
C-B	1.14	1.14	158.55	0.007	1.14	0.0	0.0	5.717	A
A-B	0.00	0.00			0.00				
A-C	12.06	12.06			12.06				

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	148.35	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	98.45	0.000	0.00	0.0	0.0	0.000	A
C-A	103.59	103.59			103.59				
C-B	0.00	0.00	155.20	0.000	0.01	0.0	0.0	0.000	A
A-B	0.00	0.00			0.00				
A-C	21.00	21.00			21.00				

07:45 - 08:00

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	146.45	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	99.54	0.000	0.00	0.0	0.0	0.000	A
C-A	83.54	83.54			83.54				
C-B	1.14	1.14	153.21	0.007	1.14	0.0	0.0	5.917	A
A-B	0.00	0.00			0.00				
A-C	31.80	31.80			31.80				

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	146.60	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	99.30	0.000	0.00	0.0	0.0	0.000	A
C-A	84.48	84.48			84.48				
C-B	0.00	0.00	153.37	0.000	0.01	0.0	0.0	0.000	A
A-B	0.00	0.00			0.00				
A-C	32.63	32.63			32.63				

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	146.18	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	96.38	0.000	0.00	0.0	0.0	0.000	A
C-A	105.57	105.57			105.57				
C-B	0.00	0.00	152.93	0.000	0.00	0.0	0.0	0.000	A
A-B	0.00	0.00			0.00				
A-C	32.94	32.94			32.94				

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	143.15	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	92.72	0.000	0.00	0.0	0.0	0.000	A
C-A	113.25	113.25			113.25				
C-B	0.00	0.00	149.32	0.000	0.00	0.0	0.0	0.000	A
A-B	1.46	1.46			1.46				
A-C	44.37	44.37			44.37				

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	107.00	0.000	0.00	0.0	0.0	0.000	A
B-A	1.46	1.46	48.80	0.030	1.43	0.0	0.0	18.988	C
C-A	81.57	81.57			81.57				
C-B	0.00	0.00	146.23	0.000	0.00	0.0	0.0	0.000	A
A-B	1.46	1.46			1.46				
A-C	49.37	49.37			49.37				

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	111.19	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	52.52	0.000	0.03	0.0	0.0	0.000	A
C-A	57.88	57.88			57.88				
C-B	0.00	0.00	151.30	0.000	0.00	0.0	0.0	0.000	A
A-B	0.00	0.00			0.00				
A-C	35.03	35.03			35.03				

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	110.01	0.000	0.00	0.0	0.0	0.000	A
B-A	2.92	2.92	52.70	0.055	2.86	0.0	0.1	18.038	C
C-A	48.11	48.11			48.11				
C-B	2.92	2.92	75.89	0.038	2.88	0.0	0.0	10.533	B
A-B	0.00	0.00			0.00				
A-C	37.51	37.51			37.51				

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	1.46	1.46	74.90	0.019	1.44	0.0	0.0	12.249	B
B-A	0.00	0.00	40.37	0.000	0.06	0.1	0.0	0.000	A
C-A	36.37	36.37			36.37				
C-B	0.00	0.00	75.66	0.000	0.03	0.0	0.0	0.000	A
A-B	0.00	0.00			0.00				
A-C	37.83	37.83			37.83				

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	1.46	1.46	76.57	0.019	1.46	0.0	0.0	11.981	B
B-A	0.00	0.00	64.38	0.000	0.00	0.0	0.0	0.000	A
C-A	52.80	52.80			52.80				
C-B	0.00	0.00	123.72	0.000	0.00	0.0	0.0	0.000	A
A-B	0.00	0.00			0.00				
A-C	26.09	26.09			26.09				

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	1.46	1.46	77.07	0.019	1.46	0.0	0.0	11.902	B
B-A	0.00	0.00	74.28	0.000	0.00	0.0	0.0	0.000	A
C-A	34.71	34.71			34.71				
C-B	0.00	0.00	137.19	0.000	0.00	0.0	0.0	0.000	A
A-B	4.37	4.37			4.37				
A-C	20.06	20.06			20.06				

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	75.19	0.000	0.02	0.0	0.0	0.000	A
B-A	0.00	0.00	76.00	0.000	0.00	0.0	0.0	0.000	A
C-A	37.00	37.00			37.00				
C-B	0.00	0.00	142.52	0.000	0.00	0.0	0.0	0.000	A
A-B	1.46	1.46			1.46				
A-C	31.60	31.60			31.60				

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	1.46	1.46	70.83	0.021	1.44	0.0	0.0	12.964	B
B-A	1.46	1.46	51.55	0.028	1.43	0.0	0.0	17.948	C
C-A	30.66	30.66			30.66				
C-B	1.46	1.46	74.42	0.020	1.44	0.0	0.0	12.329	B
A-B	1.46	1.46			1.46				
A-C	41.89	41.89			41.89				

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	68.13	0.000	0.02	0.0	0.0	0.000	A
B-A	0.00	0.00	50.55	0.000	0.03	0.0	0.0	0.000	A
C-A	41.69	41.69			41.69				
C-B	0.00	0.00	74.41	0.000	0.02	0.0	0.0	0.000	A
A-B	1.46	1.46			1.46				
A-C	39.09	39.09			39.09				

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	0.00	0.00	115.60	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	83.63	0.000	0.00	0.0	0.0	0.000	A
C-A	33.06	33.06			33.06				
C-B	0.00	0.00	120.94	0.000	0.00	0.0	0.0	0.000	A
A-B	0.00	0.00			0.00				
A-C	37.00	37.00			37.00				

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	101.05	0.000	0.00	0.0	0.0	0.000	A
B-A	1.46	1.46	56.08	0.026	1.43	0.0	0.0	16.461	C
C-A	36.17	36.17			36.17				
C-B	0.00	0.00	138.37	0.000	0.00	0.0	0.0	0.000	A
A-B	0.00	0.00			0.00				
A-C	23.48	23.48			23.48				

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	103.77	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	53.22	0.000	0.03	0.0	0.0	0.000	A
C-A	41.57	41.57			41.57				
C-B	0.00	0.00	141.20	0.000	0.00	0.0	0.0	0.000	A
A-B	0.00	0.00			0.00				
A-C	41.57	41.57			41.57				

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	141.99	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	85.26	0.000	0.00	0.0	0.0	0.000	A
C-A	35.54	35.54			35.54				
C-B	0.00	0.00	148.54	0.000	0.00	0.0	0.0	0.000	A
A-B	0.00	0.00			0.00				
A-C	29.00	29.00			29.00				

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	140.03	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	92.84	0.000	0.00	0.0	0.0	0.000	A
C-A	22.97	22.97			22.97				
C-B	0.00	0.00	146.50	0.000	0.00	0.0	0.0	0.000	A
A-B	0.00	0.00			0.00				
A-C	37.75	37.75			37.75				

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	111.00	0.000	0.00	0.0	0.0	0.000	A
B-A	1.46	1.46	54.66	0.027	1.43	0.0	0.0	16.900	C
C-A	36.68	36.68			36.68				
C-B	1.46	1.46	76.61	0.019	1.44	0.0	0.0	11.970	B
A-B	0.00	0.00			0.00				
A-C	31.80	31.80			31.80				

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	110.48	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	54.53	0.000	0.03	0.0	0.0	0.000	A
C-A	29.00	29.00			29.00				
C-B	0.00	0.00	75.46	0.000	0.02	0.0	0.0	0.000	A
A-B	0.00	0.00			0.00				
A-C	40.94	40.94			40.94				

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	146.71	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	86.27	0.000	0.00	0.0	0.0	0.000	A
C-A	31.80	31.80			31.80				
C-B	0.00	0.00	123.03	0.000	0.00	0.0	0.0	0.000	A
A-B	0.00	0.00			0.00				
A-C	29.51	29.51			29.51				

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	142.83	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	91.98	0.000	0.00	0.0	0.0	0.000	A
C-A	36.37	36.37			36.37				
C-B	0.00	0.00	132.96	0.000	0.00	0.0	0.0	0.000	A
A-B	0.00	0.00			0.00				
A-C	41.89	41.89			41.89				

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	1.46	1.46	75.92	0.019	1.44	0.0	0.0	12.081	B
B-A	0.00	0.00	77.05	0.000	0.00	0.0	0.0	0.000	A
C-A	35.86	35.86			35.86				
C-B	0.00	0.00	143.90	0.000	0.00	0.0	0.0	0.000	A
A-B	1.46	1.46			1.46				
A-C	28.69	28.69			28.69				

13:30 - 13:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	55.76	0.000	0.02	0.0	0.0	0.000	A
B-A	1.46	1.46	54.32	0.027	1.43	0.0	0.0	17.009	C
C-A	34.20	34.20			34.20				
C-B	1.46	1.46	76.38	0.019	1.44	0.0	0.0	12.006	B
A-B	0.00	0.00			0.00				
A-C	32.11	32.11			32.11				

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	87.17	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	53.45	0.000	0.03	0.0	0.0	0.000	A
C-A	31.48	31.48			31.48				
C-B	0.00	0.00	73.91	0.000	0.02	0.0	0.0	0.000	A
A-B	1.46	1.46			1.46				
A-C	44.49	44.49			44.49				

14:00 - 14:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	1.46	1.46	73.42	0.020	1.44	0.0	0.0	12.500	B
B-A	0.00	0.00	63.61	0.000	0.00	0.0	0.0	0.000	A
C-A	30.34	30.34			30.34				
C-B	0.00	0.00	118.28	0.000	0.00	0.0	0.0	0.000	A
A-B	1.46	1.46			1.46				
A-C	47.28	47.28			47.28				

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	1.46	1.46	74.13	0.020	1.46	0.0	0.0	12.382	B
B-A	0.00	0.00	70.63	0.000	0.00	0.0	0.0	0.000	A
C-A	31.09	31.09			31.09				
C-B	0.00	0.00	132.70	0.000	0.00	0.0	0.0	0.000	A
A-B	1.46	1.46			1.46				
A-C	41.57	41.57			41.57				

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	1.46	1.46	70.18	0.021	1.46	0.0	0.0	13.095	B
B-A	1.46	1.46	49.89	0.029	1.43	0.0	0.0	18.556	C
C-A	41.26	41.26			41.26				
C-B	1.46	1.46	73.83	0.020	1.44	0.0	0.0	12.429	B
A-B	0.00	0.00			0.00				
A-C	45.12	45.12			45.12				

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	55.11	0.000	0.02	0.0	0.0	0.000	A
B-A	1.46	1.46	52.82	0.028	1.46	0.0	0.0	17.523	C
C-A	45.31	45.31			45.31				
C-B	1.46	1.46	75.52	0.019	1.46	0.0	0.0	12.151	B
A-B	0.00	0.00			0.00				
A-C	38.97	38.97			38.97				

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	88.11	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	53.04	0.000	0.03	0.0	0.0	0.000	A
C-A	37.12	37.12			37.12				
C-B	0.00	0.00	74.93	0.000	0.02	0.0	0.0	0.000	A
A-B	0.00	0.00			0.00				
A-C	40.74	40.74			40.74				

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	125.89	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	81.53	0.000	0.00	0.0	0.0	0.000	A
C-A	35.86	35.86			35.86				
C-B	0.00	0.00	118.53	0.000	0.00	0.0	0.0	0.000	A
A-B	0.00	0.00			0.00				
A-C	50.40	50.40			50.40				

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	133.65	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	90.63	0.000	0.00	0.0	0.0	0.000	A
C-A	43.74	43.74			43.74				
C-B	0.00	0.00	132.05	0.000	0.00	0.0	0.0	0.000	A
A-B	0.00	0.00			0.00				
A-C	44.49	44.49			44.49				

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	133.46	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	93.61	0.000	0.00	0.0	0.0	0.000	A
C-A	34.28	34.28			34.28				
C-B	0.00	0.00	135.52	0.000	0.00	0.0	0.0	0.000	A
A-B	0.00	0.00			0.00				
A-C	65.57	65.57			65.57				

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	125.08	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	87.50	0.000	0.00	0.0	0.0	0.000	A
C-A	28.88	28.88			28.88				
C-B	0.00	0.00	128.44	0.000	0.00	0.0	0.0	0.000	A
A-B	1.46	1.46			1.46				
A-C	107.02	107.02			107.02				

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	1.46	1.46	69.29	0.021	1.44	0.0	0.0	13.259	B
B-A	0.00	0.00	69.79	0.000	0.00	0.0	0.0	0.000	A
C-A	52.17	52.17			52.17				
C-B	0.00	0.00	137.62	0.000	0.00	0.0	0.0	0.000	A
A-B	1.14	1.14			1.14				
A-C	76.80	76.80			76.80				

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	67.87	0.000	0.02	0.0	0.0	0.000	A
B-A	0.00	0.00	69.54	0.000	0.00	0.0	0.0	0.000	A
C-A	37.83	37.83			37.83				
C-B	1.46	1.46	68.54	0.021	1.44	0.0	0.0	13.407	B
A-B	0.00	0.00			0.00				
A-C	92.99	92.99			92.99				

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	1.46	1.46	67.73	0.022	1.44	0.0	0.0	13.571	B
B-A	0.00	0.00	69.66	0.000	0.00	0.0	0.0	0.000	A
C-A	35.86	35.86			35.86				
C-B	1.46	1.46	68.40	0.021	1.46	0.0	0.0	13.443	B
A-B	0.00	0.00			0.00				
A-C	94.14	94.14			94.14				

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	1.46	1.46	68.24	0.021	1.46	0.0	0.0	13.476	B
B-A	0.00	0.00	72.11	0.000	0.00	0.0	0.0	0.000	A
C-A	26.60	26.60			26.60				
C-B	1.46	1.46	68.91	0.021	1.46	0.0	0.0	13.342	B
A-B	0.00	0.00			0.00				
A-C	91.54	91.54			91.54				

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	1.46	1.46	63.45	0.023	1.46	0.0	0.0	14.516	B
B-A	1.46	1.46	44.86	0.032	1.42	0.0	0.0	20.704	C
C-A	28.88	28.88			28.88				
C-B	1.46	1.46	66.80	0.022	1.46	0.0	0.0	13.772	B
A-B	0.00	0.00			0.00				
A-C	103.91	103.91			103.91				

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	49.54	0.000	0.02	0.0	0.0	0.000	A
B-A	1.14	1.14	91.51	0.012	1.16	0.0	0.0	15.220	C
C-A	39.17	39.17			39.17				
C-B	0.00	0.00	67.62	0.000	0.02	0.0	0.0	0.000	A
A-B	0.00	0.00			0.00				
A-C	101.82	101.82			101.82				

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	79.93	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	95.01	0.000	0.02	0.0	0.0	0.000	A
C-A	36.06	36.06			36.06				
C-B	0.00	0.00	108.75	0.000	0.00	0.0	0.0	0.000	A
A-B	0.00	0.00			0.00				
A-C	97.57	97.57			97.57				

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	1.46	1.46	68.66	0.021	1.44	0.0	0.0	13.383	B
B-A	0.00	0.00	71.43	0.000	0.00	0.0	0.0	0.000	A
C-A	38.34	38.34			38.34				
C-B	1.46	1.46	69.34	0.021	1.44	0.0	0.0	13.249	B
A-B	0.00	0.00			0.00				
A-C	88.11	88.11			88.11				

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	70.67	0.000	0.02	0.0	0.0	0.000	A
B-A	0.00	0.00	75.68	0.000	0.00	0.0	0.0	0.000	A
C-A	32.31	32.31			32.31				
C-B	0.00	0.00	71.37	0.000	0.02	0.0	0.0	0.000	A
A-B	0.00	0.00			0.00				
A-C	74.91	74.91			74.91				

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	1.46	1.46	71.89	0.020	1.44	0.0	0.0	12.773	B
B-A	0.00	0.00	77.32	0.000	0.00	0.0	0.0	0.000	A
C-A	27.43	27.43			27.43				
C-B	1.46	1.46	72.60	0.020	1.44	0.0	0.0	12.645	B
A-B	0.00	0.00			0.00				
A-C	66.59	66.59			66.59				

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	73.23	0.000	0.02	0.0	0.0	0.000	A
B-A	0.00	0.00	67.11	0.000	0.00	0.0	0.0	0.000	A
C-A	146.27	146.27			146.27				
C-B	0.00	0.00	73.73	0.000	0.02	0.0	0.0	0.000	A
A-B	1.46	1.46			1.46				
A-C	53.20	53.20			53.20				