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APPENDIX 12

JUNCTION CAPACITY ANALYSIS

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Appendix D – Junctions 9 Outputs

Junctions 9

PICADY 9 - Priority Intersection Module

Version: 9.5.0.6896
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Filename: Site 2 - Site Access.j9

Path: W:\UDC-Traffic Files\P22-181\Modelling\Construction Traffic

Report generation date: 03/01/2023 10:39:34

«Construction Year + Con + Adj, 12hrs

- »Junction Network
- »Arms
- »Traffic Demand
- »Origin-Destination Data
- »Vehicle Mix
- »Results

Summary of junction performance

	12hrs			
	Queue (Veh)	Delay (s)	RFC	LOS
	Construction Year + Con + Adj			
Stream B-C	0.1	14.22	0.05	B
Stream B-A	0.2	19.07	0.14	C
Stream C-AB	0.1	9.32	0.04	A

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

File summary

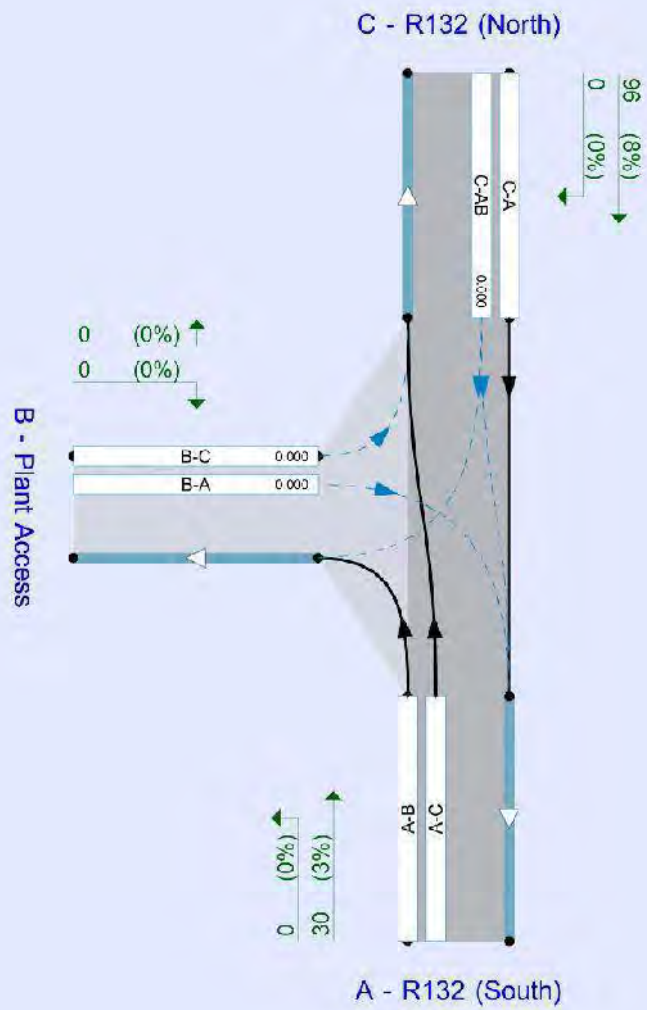
File Description

Title	
Location	
Site number	
Date	05/12/2022
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

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Flows show original traffic demand (No VTS)
 Streamlines (streamline end) show RFC: 0
 Time Segment: 07:00-07:15

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

Analysis Set Details

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

Construction Year + Con + Adj, 12hrs

Data Errors and Warnings

No errors or warnings

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Junction Network

Junctions

Junction	Name	Junction type	Major road direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	Site Access Junction	T-Junction	Two-way		0.17	A

Junction Network Options

Driving side	Lighting
Left	Normal/unknown

Arms

Arms

Arm	Name	Description	Arm type
A	R132 (South)		Major
B	Plant Access		Minor
C	R132 (North)		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 - R132 (North)	7.00			100.0	✓	1.00

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

Minor Arm Geometry

Arm	Minor arm type	Width at give-way (m)	Width at 5m (m)	Width at 10m (m)	Width at 15m (m)	Width at 20m (m)	Estimate flare length	Flare length (PCU)	Visibility to left (m)	Visibility to right (m)
B - Plant Access	One lane plus flare	10.00	9.00	6.75	6.50	6.50	✓	3.00	135	55

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	149.345	0.104	0.263	0.165	0.376
1	B-C	179.063	0.105	0.265	-	-
1	C-B	157.969	0.234	0.234	-	-

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

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

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

Traffic Demand

Demand Set Details

ID	Scenario name	Time Period name	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time period length (min)	Time segment length (min)	Run automatically	Relationship type	Relationship
D4	Construction Year + Con + Adj	12hrs	DIRECT	07:00	19:00	720	15	✓	Simple	D1+D2+D3

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 - R132 (South)		DIRECT	✓	100.000
B - Plant Access		DIRECT	✓	100.000
C - R132 (North)		DIRECT	✓	100.000

Origin-Destination Data

Demand (Veh/TS)

		To		
		A - R132 (South)	B - Plant Access	C - R132 (North)
07:00 - 07:15	From	A - R132 (South)	0.00	30.47
		B - Plant Access	0.00	0.00
		C - R132 (North)	95.54	0.00

Demand (Veh/TS)

		To		
		A - R132 (South)	B - Plant Access	C - R132 (North)
07:15 - 07:30	From	A - R132 (South)	0.00	41.69
		B - Plant Access	0.00	0.00
		C - R132 (North)	137.19	0.00

Demand (Veh/TS)

		To		
		A - R132 (South)	B - Plant Access	C - R132 (North)
07:30 - 07:45	From	A - R132 (South)	0.00	54.82
		B - Plant Access	0.00	0.00
		C - R132 (North)	167.74	0.00

Demand (Veh/TS)

		To		
		A - R132 (South)	B - Plant Access	C - R132 (North)
07:45 - 08:00	From	A - R132 (South)	0.00	55.94
		B - Plant Access	0.00	0.00
		C - R132 (North)	132.18	3.30

Demand (Veh/TS)

		To		
		A - R132 (South)	B - Plant Access	C - R132 (North)
08:00 - 08:15	From	A - R132 (South)	0.00	73.17
		B - Plant Access	0.00	0.00
		C - R132 (North)	146.30	3.30

Demand (Veh/TS)

		To		
		A - R132 (South)	B - Plant Access	C - R132 (North)
08:15 - 08:30	From	A - R132 (South)	0.00	74.21
		B - Plant Access	0.00	0.00
		C - R132 (North)	165.56	3.30

Demand (Veh/TS)

		To		
		A - R132 (South)	B - Plant Access	C - R132 (North)
08:30 - 08:45	From	A - R132 (South)	0.00	55.90
		B - Plant Access	0.00	0.00
		C - R132 (North)	141.16	3.30

Demand (Veh/TS)

		To		
		A - R132 (South)	B - Plant Access	C - R132 (North)
08:45 - 09:00	From	A - R132 (South)	0.00	65.12
		B - Plant Access	0.00	0.00
		C - R132 (North)	147.38	0.00

09:00 - 09:15

Demand (Veh/TS)

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		To		
From		A - R132 (South)	B - Plant Access	C - R132 (North)
	A - R132 (South)	0.00	0.00	58.99
	B - Plant Access	0.00	0.00	0.00
	C - R132 (North)	106.70	0.00	0.00

Demand (Veh/TS)

09:15 - 09:30

		To		
From		A - R132 (South)	B - Plant Access	C - R132 (North)
	A - R132 (South)	0.00	0.00	61.12
	B - Plant Access	0.00	0.00	0.00
	C - R132 (North)	103.60	0.00	0.00

Demand (Veh/TS)

09:30 - 09:45

		To		
From		A - R132 (South)	B - Plant Access	C - R132 (North)
	A - R132 (South)	0.00	0.00	49.83
	B - Plant Access	0.00	0.00	0.00
	C - R132 (North)	102.77	0.00	0.00

Demand (Veh/TS)

09:45 - 10:00

		To		
From		A - R132 (South)	B - Plant Access	C - R132 (North)
	A - R132 (South)	0.00	0.00	41.74
	B - Plant Access	0.00	0.00	0.00
	C - R132 (North)	99.69	0.00	0.00

Demand (Veh/TS)

10:00 - 10:15

		To		
From		A - R132 (South)	B - Plant Access	C - R132 (North)
	A - R132 (South)	0.00	0.00	65.08
	B - Plant Access	0.00	0.00	0.00
	C - R132 (North)	96.56	0.00	0.00

Demand (Veh/TS)

10:15 - 10:30

		To		
From		A - R132 (South)	B - Plant Access	C - R132 (North)
	A - R132 (South)	0.00	0.00	56.87
	B - Plant Access	0.00	0.00	0.00
	C - R132 (North)	70.15	0.00	0.00

Demand (Veh/TS)

10:30 - 10:45

		To		
From		A - R132 (South)	B - Plant Access	C - R132 (North)
	A - R132 (South)	0.00	0.00	56.98
	B - Plant Access	0.00	0.00	0.00
	C - R132 (North)	95.58	0.00	0.00

Demand (Veh/TS)

10:45 - 11:00

		To		
From		A - R132 (South)	B - Plant Access	C - R132 (North)
	A - R132 (South)	0.00	0.00	53.83
	B - Plant Access	0.00	0.00	0.00
	C - R132 (North)	89.43	0.00	0.00

Demand (Veh/TS)

11:00 - 11:15

		To		
From		A - R132 (South)	B - Plant Access	C - R132 (North)
	A - R132 (South)	0.00	0.00	70.11
	B - Plant Access	0.00	0.00	0.00
	C - R132 (North)	89.52	0.00	0.00

Demand (Veh/TS)

11:15 - 11:30

		To		
From		A - R132 (South)	B - Plant Access	C - R132 (North)
	A - R132 (South)	0.00	0.00	69.20
	B - Plant Access	0.00	0.00	0.00
	C - R132 (North)	78.23	0.00	0.00

11:30 - 11:45

Demand (Veh/TS)

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		To		
		A - R132 (South)	B - Plant Access	C - R132 (North)
From	A - R132 (South)	0.00	0.00	73.22
	B - Plant Access	0.00	0.00	0.00
	C - R132 (North)	88.46	0.00	0.00

Demand (Veh/TS)

11:45 - 12:00

		To		
		A - R132 (South)	B - Plant Access	C - R132 (North)
From	A - R132 (South)	0.00	0.00	63.00
	B - Plant Access	0.00	0.00	0.00
	C - R132 (North)	74.19	0.00	0.00

Demand (Veh/TS)

12:00 - 12:15

		To		
		A - R132 (South)	B - Plant Access	C - R132 (North)
From	A - R132 (South)	0.00	0.00	66.20
	B - Plant Access	0.00	0.00	0.00
	C - R132 (North)	81.31	0.00	0.00

Demand (Veh/TS)

12:15 - 12:30

		To		
		A - R132 (South)	B - Plant Access	C - R132 (North)
From	A - R132 (South)	0.00	0.00	71.10
	B - Plant Access	0.00	0.00	0.00
	C - R132 (North)	90.45	0.00	0.00

Demand (Veh/TS)

12:30 - 12:45

		To		
		A - R132 (South)	B - Plant Access	C - R132 (North)
From	A - R132 (South)	0.00	0.00	74.27
	B - Plant Access	0.00	0.00	0.00
	C - R132 (North)	56.89	0.00	0.00

Demand (Veh/TS)

12:45 - 13:00

		To		
		A - R132 (South)	B - Plant Access	C - R132 (North)
From	A - R132 (South)	0.00	0.00	89.37
	B - Plant Access	0.00	0.00	0.00
	C - R132 (North)	72.16	0.00	0.00

Demand (Veh/TS)

13:00 - 13:15

		To		
		A - R132 (South)	B - Plant Access	C - R132 (North)
From	A - R132 (South)	0.00	0.00	78.16
	B - Plant Access	0.00	0.00	0.00
	C - R132 (North)	81.38	0.00	0.00

Demand (Veh/TS)

13:15 - 13:30

		To		
		A - R132 (South)	B - Plant Access	C - R132 (North)
From	A - R132 (South)	0.00	0.00	87.40
	B - Plant Access	0.00	0.00	0.00
	C - R132 (North)	81.27	0.00	0.00

Demand (Veh/TS)

13:30 - 13:45

		To		
		A - R132 (South)	B - Plant Access	C - R132 (North)
From	A - R132 (South)	0.00	0.00	84.29
	B - Plant Access	0.00	0.00	0.00
	C - R132 (North)	92.45	0.00	0.00

Demand (Veh/TS)

13:45 - 14:00

		To		
		A - R132 (South)	B - Plant Access	C - R132 (North)
From	A - R132 (South)	0.00	0.00	74.14
	B - Plant Access	0.00	0.00	0.00
	C - R132 (North)	95.58	0.00	0.00

14:00 - 14:15

Demand (Veh/TS)

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		To		
From		A - R132 (South)	B - Plant Access	C - R132 (North)
	A - R132 (South)	0.00	0.00	68.12
	B - Plant Access	0.00	0.00	0.00
	C - R132 (North)	94.57	0.00	0.00

Demand (Veh/TS)

14:15 - 14:30

		To		
From		A - R132 (South)	B - Plant Access	C - R132 (North)
	A - R132 (South)	0.00	0.00	101.78
	B - Plant Access	0.00	0.00	0.00
	C - R132 (North)	74.25	0.00	0.00

Demand (Veh/TS)

14:30 - 14:45

		To		
From		A - R132 (South)	B - Plant Access	C - R132 (North)
	A - R132 (South)	0.00	0.00	91.46
	B - Plant Access	0.00	0.00	0.00
	C - R132 (North)	100.62	0.00	0.00

Demand (Veh/TS)

14:45 - 15:00

		To		
From		A - R132 (South)	B - Plant Access	C - R132 (North)
	A - R132 (South)	0.00	0.00	93.62
	B - Plant Access	0.00	0.00	0.00
	C - R132 (North)	97.55	0.00	0.00

Demand (Veh/TS)

15:00 - 15:15

		To		
From		A - R132 (South)	B - Plant Access	C - R132 (North)
	A - R132 (South)	0.00	0.00	103.68
	B - Plant Access	0.00	0.00	0.00
	C - R132 (North)	81.49	0.00	0.00

Demand (Veh/TS)

15:15 - 15:30

		To		
From		A - R132 (South)	B - Plant Access	C - R132 (North)
	A - R132 (South)	0.00	0.00	98.59
	B - Plant Access	0.00	0.00	0.00
	C - R132 (North)	87.44	0.00	0.00

Demand (Veh/TS)

15:30 - 15:45

		To		
From		A - R132 (South)	B - Plant Access	C - R132 (North)
	A - R132 (South)	0.00	0.00	96.58
	B - Plant Access	0.00	0.00	0.00
	C - R132 (North)	95.61	0.00	0.00

Demand (Veh/TS)

15:45 - 16:00

		To		
From		A - R132 (South)	B - Plant Access	C - R132 (North)
	A - R132 (South)	0.00	0.00	91.57
	B - Plant Access	0.00	0.00	0.00
	C - R132 (North)	105.80	0.00	0.00

Demand (Veh/TS)

16:00 - 16:15

		To		
From		A - R132 (South)	B - Plant Access	C - R132 (North)
	A - R132 (South)	0.00	0.00	140.17
	B - Plant Access	0.00	0.00	0.00
	C - R132 (North)	85.39	0.00	0.00

Demand (Veh/TS)

16:15 - 16:30

		To		
From		A - R132 (South)	B - Plant Access	C - R132 (North)
	A - R132 (South)	0.00	0.00	130.09
	B - Plant Access	0.00	0.00	0.00
	C - R132 (North)	87.34	0.00	0.00

16:30 - 16:45

Demand (Veh/TS)

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		To		
From		A - R132 (South)	B - Plant Access	C - R132 (North)
	A - R132 (South)	0.00	0.00	134.08
	B - Plant Access	0.00	0.00	0.00
	C - R132 (North)	87.42	0.00	0.00

Demand (Veh/TS)

16:45 - 17:00

		To		
From		A - R132 (South)	B - Plant Access	C - R132 (North)
	A - R132 (South)	0.00	0.00	160.57
	B - Plant Access	0.00	0.00	0.00
	C - R132 (North)	105.69	0.00	0.00

Demand (Veh/TS)

17:00 - 17:15

		To		
From		A - R132 (South)	B - Plant Access	C - R132 (North)
	A - R132 (South)	0.00	0.00	140.15
	B - Plant Access	7.70	0.00	3.30
	C - R132 (North)	81.25	0.00	0.00

Demand (Veh/TS)

17:15 - 17:30

		To		
From		A - R132 (South)	B - Plant Access	C - R132 (North)
	A - R132 (South)	0.00	0.00	160.38
	B - Plant Access	7.70	0.00	3.30
	C - R132 (North)	90.38	0.00	0.00

Demand (Veh/TS)

17:30 - 17:45

		To		
From		A - R132 (South)	B - Plant Access	C - R132 (North)
	A - R132 (South)	0.00	0.00	162.43
	B - Plant Access	7.70	0.00	3.30
	C - R132 (North)	77.12	0.00	0.00

Demand (Veh/TS)

17:45 - 18:00

		To		
From		A - R132 (South)	B - Plant Access	C - R132 (North)
	A - R132 (South)	0.00	0.00	157.44
	B - Plant Access	7.70	0.00	3.30
	C - R132 (North)	86.34	0.00	0.00

Demand (Veh/TS)

18:00 - 18:15

		To		
From		A - R132 (South)	B - Plant Access	C - R132 (North)
	A - R132 (South)	0.00	0.00	131.02
	B - Plant Access	0.00	0.00	0.00
	C - R132 (North)	76.15	0.00	0.00

Demand (Veh/TS)

18:15 - 18:30

		To		
From		A - R132 (South)	B - Plant Access	C - R132 (North)
	A - R132 (South)	0.00	0.00	91.42
	B - Plant Access	0.00	0.00	0.00
	C - R132 (North)	100.57	0.00	0.00

Demand (Veh/TS)

18:30 - 18:45

		To		
From		A - R132 (South)	B - Plant Access	C - R132 (North)
	A - R132 (South)	0.00	0.00	113.72
	B - Plant Access	0.00	0.00	0.00
	C - R132 (North)	76.13	0.00	0.00

Demand (Veh/TS)

18:45 - 19:00

		To		
From		A - R132 (South)	B - Plant Access	C - R132 (North)
	A - R132 (South)	0.00	0.00	84.29
	B - Plant Access	0.00	0.00	0.00
	C - R132 (North)	66.98	0.00	0.00

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Vehicle Mix

Heavy Vehicle Percentages

		To		
		A - R132 (South)	B - Plant Access	C - R132 (North)
07:00 - 07:15	From			
		A - R132 (South)	0	3
		B - Plant Access	0	0
		C - R132 (North)	8	0

Heavy Vehicle Percentages

		To		
		A - R132 (South)	B - Plant Access	C - R132 (North)
07:15 - 07:30	From			
		A - R132 (South)	0	10
		B - Plant Access	0	0
		C - R132 (North)	7	0

Heavy Vehicle Percentages

		To		
		A - R132 (South)	B - Plant Access	C - R132 (North)
07:30 - 07:45	From			
		A - R132 (South)	0	2
		B - Plant Access	0	0
		C - R132 (North)	9	0

Heavy Vehicle Percentages

		To		
		A - R132 (South)	B - Plant Access	C - R132 (North)
07:45 - 08:00	From			
		A - R132 (South)	0	11
		B - Plant Access	80	0
		C - R132 (North)	9	0

Heavy Vehicle Percentages

		To		
		A - R132 (South)	B - Plant Access	C - R132 (North)
08:00 - 08:15	From			
		A - R132 (South)	0	7
		B - Plant Access	80	0
		C - R132 (North)	6	0

Heavy Vehicle Percentages

		To		
		A - R132 (South)	B - Plant Access	C - R132 (North)
08:15 - 08:30	From			
		A - R132 (South)	0	8
		B - Plant Access	80	0
		C - R132 (North)	4	0

Heavy Vehicle Percentages

		To		
		A - R132 (South)	B - Plant Access	C - R132 (North)
08:30 - 08:45	From			
		A - R132 (South)	0	7
		B - Plant Access	80	0
		C - R132 (North)	4	0

Heavy Vehicle Percentages

		To		
		A - R132 (South)	B - Plant Access	C - R132 (North)
08:45 - 09:00	From			
		A - R132 (South)	0	13
		B - Plant Access	0	0
		C - R132 (North)	8	0

Heavy Vehicle Percentages

		To		
		A - R132 (South)	B - Plant Access	C - R132 (North)
09:00 - 09:15	From			
		A - R132 (South)	0	11
		B - Plant Access	0	0
		C - R132 (North)	7	0

09:15 - 09:30

Heavy Vehicle Percentages

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		To		
From		A - R132 (South)	B - Plant Access	C - R132 (North)
	A - R132 (South)	0	0	19
	B - Plant Access	0	0	0
	C - R132 (North)	4	0	0

Heavy Vehicle Percentages

09:30 - 09:45

		To		
From		A - R132 (South)	B - Plant Access	C - R132 (North)
	A - R132 (South)	0	0	10
	B - Plant Access	0	0	0
	C - R132 (North)	13	0	0

Heavy Vehicle Percentages

09:45 - 10:00

		To		
From		A - R132 (South)	B - Plant Access	C - R132 (North)
	A - R132 (South)	0	0	15
	B - Plant Access	0	0	0
	C - R132 (North)	11	0	0

Heavy Vehicle Percentages

10:00 - 10:15

		To		
From		A - R132 (South)	B - Plant Access	C - R132 (North)
	A - R132 (South)	0	0	10
	B - Plant Access	0	0	0
	C - R132 (North)	8	0	0

Heavy Vehicle Percentages

10:15 - 10:30

		To		
From		A - R132 (South)	B - Plant Access	C - R132 (North)
	A - R132 (South)	0	0	4
	B - Plant Access	0	0	0
	C - R132 (North)	9	0	0

Heavy Vehicle Percentages

10:30 - 10:45

		To		
From		A - R132 (South)	B - Plant Access	C - R132 (North)
	A - R132 (South)	0	0	13
	B - Plant Access	0	0	0
	C - R132 (North)	10	0	0

Heavy Vehicle Percentages

10:45 - 11:00

		To		
From		A - R132 (South)	B - Plant Access	C - R132 (North)
	A - R132 (South)	0	0	4
	B - Plant Access	0	0	0
	C - R132 (North)	7	0	0

Heavy Vehicle Percentages

11:00 - 11:15

		To		
From		A - R132 (South)	B - Plant Access	C - R132 (North)
	A - R132 (South)	0	0	6
	B - Plant Access	0	0	0
	C - R132 (North)	12	0	0

Heavy Vehicle Percentages

11:15 - 11:30

		To		
From		A - R132 (South)	B - Plant Access	C - R132 (North)
	A - R132 (South)	0	0	13
	B - Plant Access	0	0	0
	C - R132 (North)	5	0	0

Heavy Vehicle Percentages

11:30 - 11:45

		To		
From		A - R132 (South)	B - Plant Access	C - R132 (North)
	A - R132 (South)	0	0	10
	B - Plant Access	0	0	0
	C - R132 (North)	9	0	0

11:45 - 12:00

Heavy Vehicle Percentages

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		To		
		A - R132 (South)	B - Plant Access	C - R132 (North)
From	A - R132 (South)	0	0	7
	B - Plant Access	0	0	0
	C - R132 (North)	7	0	0

Heavy Vehicle Percentages

12:00 - 12:15

		To		
		A - R132 (South)	B - Plant Access	C - R132 (North)
From	A - R132 (South)	0	0	17
	B - Plant Access	0	0	0
	C - R132 (North)	8	0	0

Heavy Vehicle Percentages

12:15 - 12:30

		To		
		A - R132 (South)	B - Plant Access	C - R132 (North)
From	A - R132 (South)	0	0	4
	B - Plant Access	0	0	0
	C - R132 (North)	7	0	0

Heavy Vehicle Percentages

12:30 - 12:45

		To		
		A - R132 (South)	B - Plant Access	C - R132 (North)
From	A - R132 (South)	0	0	13
	B - Plant Access	0	0	0
	C - R132 (North)	5	0	0

Heavy Vehicle Percentages

12:45 - 13:00

		To		
		A - R132 (South)	B - Plant Access	C - R132 (North)
From	A - R132 (South)	0	0	3
	B - Plant Access	0	0	0
	C - R132 (North)	7	0	0

Heavy Vehicle Percentages

13:00 - 13:15

		To		
		A - R132 (South)	B - Plant Access	C - R132 (North)
From	A - R132 (South)	0	0	1
	B - Plant Access	0	0	0
	C - R132 (North)	11	0	0

Heavy Vehicle Percentages

13:15 - 13:30

		To		
		A - R132 (South)	B - Plant Access	C - R132 (North)
From	A - R132 (South)	0	0	7
	B - Plant Access	0	0	0
	C - R132 (North)	5	0	0

Heavy Vehicle Percentages

13:30 - 13:45

		To		
		A - R132 (South)	B - Plant Access	C - R132 (North)
From	A - R132 (South)	0	0	4
	B - Plant Access	0	0	0
	C - R132 (North)	6	0	0

Heavy Vehicle Percentages

13:45 - 14:00

		To		
		A - R132 (South)	B - Plant Access	C - R132 (North)
From	A - R132 (South)	0	0	4
	B - Plant Access	0	0	0
	C - R132 (North)	10	0	0

Heavy Vehicle Percentages

14:00 - 14:15

		To		
		A - R132 (South)	B - Plant Access	C - R132 (North)
From	A - R132 (South)	0	0	9
	B - Plant Access	0	0	0
	C - R132 (North)	10	0	0

14:15 - 14:30

Heavy Vehicle Percentages

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		To		
		A - R132 (South)	B - Plant Access	C - R132 (North)
From	A - R132 (South)	0	0	14
	B - Plant Access	0	0	0
	C - R132 (North)	11	0	0

Heavy Vehicle Percentages

14:30 - 14:45

		To		
		A - R132 (South)	B - Plant Access	C - R132 (North)
From	A - R132 (South)	0	0	7
	B - Plant Access	0	0	0
	C - R132 (North)	7	0	0

Heavy Vehicle Percentages

14:45 - 15:00

		To		
		A - R132 (South)	B - Plant Access	C - R132 (North)
From	A - R132 (South)	0	0	13
	B - Plant Access	0	0	0
	C - R132 (North)	6	0	0

Heavy Vehicle Percentages

15:00 - 15:15

		To		
		A - R132 (South)	B - Plant Access	C - R132 (North)
From	A - R132 (South)	0	0	8
	B - Plant Access	0	0	0
	C - R132 (North)	18	0	0

Heavy Vehicle Percentages

15:15 - 15:30

		To		
		A - R132 (South)	B - Plant Access	C - R132 (North)
From	A - R132 (South)	0	0	7
	B - Plant Access	0	0	0
	C - R132 (North)	9	0	0

Heavy Vehicle Percentages

15:30 - 15:45

		To		
		A - R132 (South)	B - Plant Access	C - R132 (North)
From	A - R132 (South)	0	0	9
	B - Plant Access	0	0	0
	C - R132 (North)	11	0	0

Heavy Vehicle Percentages

15:45 - 16:00

		To		
		A - R132 (South)	B - Plant Access	C - R132 (North)
From	A - R132 (South)	0	0	12
	B - Plant Access	0	0	0
	C - R132 (North)	12	0	0

Heavy Vehicle Percentages

16:00 - 16:15

		To		
		A - R132 (South)	B - Plant Access	C - R132 (North)
From	A - R132 (South)	0	0	4
	B - Plant Access	0	0	0
	C - R132 (North)	8	0	0

Heavy Vehicle Percentages

16:15 - 16:30

		To		
		A - R132 (South)	B - Plant Access	C - R132 (North)
From	A - R132 (South)	0	0	7
	B - Plant Access	0	0	0
	C - R132 (North)	4	0	0

Heavy Vehicle Percentages

16:30 - 16:45

		To		
		A - R132 (South)	B - Plant Access	C - R132 (North)
From	A - R132 (South)	0	0	5
	B - Plant Access	0	0	0
	C - R132 (North)	8	0	0

16:45 - 17:00

Heavy Vehicle Percentages

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		To		
		A - R132 (South)	B - Plant Access	C - R132 (North)
From	A - R132 (South)	0	0	7
	B - Plant Access	0	0	0
	C - R132 (North)	7	0	0

Heavy Vehicle Percentages

17:00 - 17:15

		To		
		A - R132 (South)	B - Plant Access	C - R132 (North)
From	A - R132 (South)	0	0	4
	B - Plant Access	80	0	80
	C - R132 (North)	4	0	0

Heavy Vehicle Percentages

17:15 - 17:30

		To		
		A - R132 (South)	B - Plant Access	C - R132 (North)
From	A - R132 (South)	0	0	1
	B - Plant Access	80	0	80
	C - R132 (North)	3	0	0

Heavy Vehicle Percentages

17:30 - 17:45

		To		
		A - R132 (South)	B - Plant Access	C - R132 (North)
From	A - R132 (South)	0	0	2
	B - Plant Access	80	0	80
	C - R132 (North)	0	0	0

Heavy Vehicle Percentages

17:45 - 18:00

		To		
		A - R132 (South)	B - Plant Access	C - R132 (North)
From	A - R132 (South)	0	0	5
	B - Plant Access	80	0	80
	C - R132 (North)	5	0	0

Heavy Vehicle Percentages

18:00 - 18:15

		To		
		A - R132 (South)	B - Plant Access	C - R132 (North)
From	A - R132 (South)	0	0	4
	B - Plant Access	0	0	0
	C - R132 (North)	3	0	0

Heavy Vehicle Percentages

18:15 - 18:30

		To		
		A - R132 (South)	B - Plant Access	C - R132 (North)
From	A - R132 (South)	0	0	5
	B - Plant Access	0	0	0
	C - R132 (North)	5	0	0

Heavy Vehicle Percentages

18:30 - 18:45

		To		
		A - R132 (South)	B - Plant Access	C - R132 (North)
From	A - R132 (South)	0	0	3
	B - Plant Access	0	0	0
	C - R132 (North)	1	0	0

Heavy Vehicle Percentages

18:45 - 19:00

		To		
		A - R132 (South)	B - Plant Access	C - R132 (North)
From	A - R132 (South)	0	0	4
	B - Plant Access	0	0	0
	C - R132 (North)	0	0	0

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Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (Veh)	Max LOS	Average Demand (Veh/TS)	Total Junction Arrivals (Veh)
B-C	0.05	14.22	0.1	B	0.28	13.20
B-A	0.14	19.07	0.2	C	0.64	30.80
C-AB	0.04	9.32	0.1	A	0.37	17.55
C-A					96.53	4633.21
A-B					0.64	30.80
A-C					86.40	4147.41

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	170.70	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	124.05	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	301.18	0.000	0.00	0.0	0.0	0.000	A
C-A	95.54	95.54			95.54				
A-B	0.00	0.00			0.00				
A-C	30.47	30.47			30.47				

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	166.90	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	113.04	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	294.47	0.000	0.00	0.0	0.0	0.000	A
C-A	137.19	137.19			137.19				
A-B	0.00	0.00			0.00				
A-C	41.69	41.69			41.69				

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	164.24	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	104.49	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	289.78	0.000	0.00	0.0	0.0	0.000	A
C-A	167.74	167.74			167.74				
A-B	0.00	0.00			0.00				
A-C	54.82	54.82			54.82				

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	161.11	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	105.40	0.000	0.00	0.0	0.0	0.000	A
C-AB	4.26	4.26	100.77	0.042	4.20	0.0	0.1	9.318	A
C-A	131.22	131.22			131.22				
A-B	7.70	7.70			7.70				
A-C	55.94	55.94			55.94				

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	156.81	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	99.45	0.000	0.00	0.0	0.0	0.000	A
C-AB	4.41	4.41	102.30	0.043	4.40	0.1	0.1	9.274	A
C-A	145.19	145.19			145.19				
A-B	7.70	7.70			7.70				
A-C	73.17	73.17			73.17				

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	156.26	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	95.89	0.000	0.00	0.0	0.0	0.000	A
C-AB	4.56	4.56	105.31	0.043	4.56	0.1	0.1	8.999	A
C-A	164.30	164.30			164.30				
A-B	7.70	7.70			7.70				
A-C	74.21	74.21			74.21				

08:30 - 08:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	161.67	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	105.63	0.000	0.00	0.0	0.0	0.000	A
C-AB	4.32	4.32	101.62	0.043	4.32	0.1	0.1	9.166	A
C-A	140.15	140.15			140.15				
A-B	7.70	7.70			7.70				
A-C	55.90	55.90			55.90				

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	159.58	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	103.73	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	156.80	0.000	0.06	0.1	0.0	0.000	A
C-A	147.38	147.38			147.38				
A-B	0.00	0.00			0.00				
A-C	65.12	65.12			65.12				

09:00 - 09:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	161.76	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	113.33	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	227.25	0.000	0.00	0.0	0.0	0.000	A
C-A	106.70	106.70			106.70				
A-B	0.00	0.00			0.00				
A-C	58.99	58.99			58.99				

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	159.81	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	112.44	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	236.07	0.000	0.00	0.0	0.0	0.000	A
C-A	103.60	103.60			103.60				
A-B	0.00	0.00			0.00				
A-C	61.12	61.12			61.12				

09:30 - 09:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	164.46	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	115.64	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	244.05	0.000	0.00	0.0	0.0	0.000	A
C-A	102.77	102.77			102.77				
A-B	0.00	0.00			0.00				
A-C	49.83	49.83			49.83				

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	0.00	0.00	166.33	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	118.35	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	248.37	0.000	0.00	0.0	0.0	0.000	A
C-A	99.69	99.69			99.69				
A-B	0.00	0.00			0.00				
A-C	41.74	41.74			41.74				

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	0.00	0.00	160.14	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	113.41	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	242.11	0.000	0.00	0.0	0.0	0.000	A
C-A	96.56	96.56			96.56				
A-B	0.00	0.00			0.00				
A-C	65.08	65.08			65.08				

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	163.42	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	121.20	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	247.82	0.000	0.00	0.0	0.0	0.000	A
C-A	70.15	70.15			70.15				
A-B	0.00	0.00			0.00				
A-C	56.87	56.87			56.87				

10:30 - 10:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	162.01	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	115.09	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	245.54	0.000	0.00	0.0	0.0	0.000	A
C-A	95.58	95.58			95.58				
A-B	0.00	0.00			0.00				
A-C	56.98	56.98			56.98				

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	164.23	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	118.81	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	250.49	0.000	0.00	0.0	0.0	0.000	A
C-A	89.43	89.43			89.43				
A-B	0.00	0.00			0.00				
A-C	53.83	53.83			53.83				

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	159.35	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	113.28	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	241.15	0.000	0.00	0.0	0.0	0.000	A
C-A	89.52	89.52			89.52				
A-B	0.00	0.00			0.00				
A-C	70.11	70.11			70.11				

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	158.22	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	115.06	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	242.11	0.000	0.00	0.0	0.0	0.000	A
C-A	78.23	78.23			78.23				
A-B	0.00	0.00			0.00				
A-C	69.20	69.20			69.20				

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	157.70	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	112.17	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	240.30	0.000	0.00	0.0	0.0	0.000	A
C-A	88.46	88.46			88.46				
A-B	0.00	0.00			0.00				
A-C	73.22	73.22			73.22				

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	161.24	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	118.55	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	246.58	0.000	0.00	0.0	0.0	0.000	A
C-A	74.19	74.19			74.19				
A-B	0.00	0.00			0.00				
A-C	63.00	63.00			63.00				

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	158.47	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	114.45	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	242.40	0.000	0.00	0.0	0.0	0.000	A
C-A	81.31	81.31			81.31				
A-B	0.00	0.00			0.00				
A-C	66.20	66.20			66.20				

12:15 - 12:30

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	159.36	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	113.83	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	244.25	0.000	0.00	0.0	0.0	0.000	A
C-A	90.45	90.45			90.45				
A-B	0.00	0.00			0.00				
A-C	71.10	71.10			71.10				

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	156.87	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	117.42	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	241.49	0.000	0.00	0.0	0.0	0.000	A
C-A	56.89	56.89			56.89				
A-B	0.00	0.00			0.00				
A-C	74.27	74.27			74.27				

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	154.52	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	112.22	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	237.40	0.000	0.00	0.0	0.0	0.000	A
C-A	72.16	72.16			72.16				
A-B	0.00	0.00			0.00				
A-C	89.37	89.37			89.37				

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	158.04	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	113.50	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	240.10	0.000	0.00	0.0	0.0	0.000	A
C-A	81.38	81.38			81.38				
A-B	0.00	0.00			0.00				
A-C	78.16	78.16			78.16				

13:15 - 13:30

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	154.21	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	110.58	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	236.56	0.000	0.00	0.0	0.0	0.000	A
C-A	81.27	81.27			81.27				
A-B	0.00	0.00			0.00				
A-C	87.40	87.40			87.40				

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	155.86	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	110.20	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	239.96	0.000	0.00	0.0	0.0	0.000	A
C-A	92.45	92.45			92.45				
A-B	0.00	0.00			0.00				
A-C	84.29	84.29			84.29				

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	158.56	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	111.66	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	242.11	0.000	0.00	0.0	0.0	0.000	A
C-A	95.58	95.58			95.58				
A-B	0.00	0.00			0.00				
A-C	74.14	74.14			74.14				

14:00 - 14:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	159.33	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	112.60	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	242.24	0.000	0.00	0.0	0.0	0.000	A
C-A	94.57	94.57			94.57				
A-B	0.00	0.00			0.00				
A-C	68.12	68.12			68.12				

14:15 - 14:30

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	148.20	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	105.10	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	224.13	0.000	0.00	0.0	0.0	0.000	A
C-A	74.25	74.25			74.25				
A-B	0.00	0.00			0.00				
A-C	101.78	101.78			101.78				

14:30 - 14:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	153.14	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	105.80	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	233.19	0.000	0.00	0.0	0.0	0.000	A
C-A	100.62	100.62			100.62				
A-B	0.00	0.00			0.00				
A-C	91.46	91.46			91.46				

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	150.91	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	104.27	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	231.05	0.000	0.00	0.0	0.0	0.000	A
C-A	97.55	97.55			97.55				
A-B	0.00	0.00			0.00				
A-C	93.62	93.62			93.62				

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	149.34	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	104.00	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	223.11	0.000	0.00	0.0	0.0	0.000	A
C-A	81.48	81.48			81.48				
A-B	0.00	0.00			0.00				
A-C	103.68	103.68			103.68				

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	150.97	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	105.66	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	227.24	0.000	0.00	0.0	0.0	0.000	A
C-A	87.44	87.44			87.44				
A-B	0.00	0.00			0.00				
A-C	98.59	98.59			98.59				

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	151.23	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	104.22	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	227.75	0.000	0.00	0.0	0.0	0.000	A
C-A	95.61	95.61			95.61				
A-B	0.00	0.00			0.00				
A-C	96.58	96.58			96.58				

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	151.73	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-AB	0.00	0.00	228.08	0.000	0.00	0.0	0.0	0.000	A
C-A	105.80	105.80			105.80				
A-B	0.00	0.00			0.00				
A-C	91.57	91.57			91.57				

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	140.21	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	95.50	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	212.19	0.000	0.00	0.0	0.0	0.000	A
C-A	85.39	85.39			85.39				
A-B	0.00	0.00			0.00				
A-C	140.17	140.17			140.17				

16:15 - 16:30

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	142.06	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	97.70	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	218.30	0.000	0.00	0.0	0.0	0.000	A
C-A	87.34	87.34			87.34				
A-B	0.00	0.00			0.00				
A-C	130.09	130.09			130.09				

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	141.82	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	96.77	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	217.12	0.000	0.00	0.0	0.0	0.000	A
C-A	87.42	87.42			87.42				
A-B	0.00	0.00			0.00				
A-C	134.08	134.08			134.08				

16:45 - 17:00

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	133.41	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	85.42	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	204.57	0.000	0.00	0.0	0.0	0.000	A
C-A	105.69	105.69			105.69				
A-B	0.00	0.00			0.00				
A-C	160.57	160.57			160.57				

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	3.30	3.30	69.44	0.048	3.25	0.0	0.0	13.587	B
B-A	7.70	7.70	58.54	0.132	7.55	0.0	0.1	17.599	C
C-AB	0.00	0.00	217.18	0.000	0.00	0.0	0.0	0.000	A
C-A	81.25	81.25			81.25				
A-B	0.00	0.00			0.00				
A-C	140.15	140.15			140.15				

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	3.30	3.30	66.96	0.049	3.30	0.0	0.1	14.135	B
B-A	7.70	7.70	54.93	0.140	7.69	0.1	0.2	19.041	C
C-AB	0.00	0.00	211.22	0.000	0.00	0.0	0.0	0.000	A
C-A	90.38	90.38			90.38				
A-B	0.00	0.00			0.00				
A-C	160.38	160.38			160.38				

17:30 - 17:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	3.30	3.30	66.61	0.050	3.30	0.1	0.1	14.216	B
B-A	7.70	7.70	56.08	0.137	7.70	0.2	0.2	18.604	C
C-AB	0.00	0.00	212.26	0.000	0.00	0.0	0.0	0.000	A
C-A	77.12	77.12			77.12				
A-B	0.00	0.00			0.00				
A-C	162.43	162.43			162.43				

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	3.30	3.30	66.66	0.050	3.30	0.1	0.1	14.203	B
B-A	7.70	7.70	54.88	0.140	7.70	0.2	0.2	19.073	C
C-AB	0.00	0.00	211.28	0.000	0.00	0.0	0.0	0.000	A
C-A	86.34	86.34			86.34				
A-B	0.00	0.00			0.00				
A-C	157.45	157.45			157.45				

18:00 - 18:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	71.54	0.000	0.05	0.1	0.0	0.000	A
B-A	0.00	0.00	61.65	0.000	0.16	0.2	0.0	0.000	A
C-AB	0.00	0.00	223.53	0.000	0.00	0.0	0.0	0.000	A
C-A	76.15	76.15			76.15				
A-B	0.00	0.00			0.00				
A-C	131.02	131.02			131.02				

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	128.20	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	89.01	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	239.20	0.000	0.00	0.0	0.0	0.000	A
C-A	100.57	100.57			100.57				
A-B	0.00	0.00			0.00				
A-C	91.42	91.42			91.42				

18:30 - 18:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.00	0.00	134.66	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	96.27	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	231.99	0.000	0.00	0.0	0.0	0.000	A
C-A	76.13	76.13			76.13				
A-B	0.00	0.00			0.00				
A-C	113.72	113.72			113.72				

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	148.48	0.000	0.00	0.0	0.0	0.000	A
B-A	0.00	0.00	109.81	0.000	0.00	0.0	0.0	0.000	A
C-AB	0.00	0.00	245.90	0.000	0.00	0.0	0.0	0.000	A
C-A	66.98	66.98			66.98				
A-B	0.00	0.00			0.00				
A-C	84.29	84.29			84.29				

RECEIVED: 22/05/2023

Junctions 9

PICADY 9 - Priority Intersection Module

Version: 9.5.0.6896
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RECEIVED: 22/05/2023

Filename: Site 2 - Site Access.j9

Path: W:\UDC-Traffic Files\P22-181\Modelling\Operational Traffic

Report generation date: 23/03/2023 18:01:06

»Opening Year + Dev + Con + Adj, 12hrs

»+5 + Dev + Adj, 12hrs

»+15 + Dev + Adj, 12hrs

Summary of junction performance

12hrs				
	Queue (Veh)	Delay (s)	RFC	LOS
Opening Year + Dev + Con + Adj				
Stream B-C	0.1	13.63	0.12	B
Stream B-A	0.2	21.42	0.17	C
Stream C-AB	0.1	14.86	0.12	B
+5 + Dev + Adj				
Stream B-C	0.1	14.09	0.12	B
Stream B-A	0.2	23.07	0.18	C
Stream C-AB	0.2	15.22	0.12	C
+15 + Dev + Adj				
Stream B-C	0.1	14.61	0.13	B
Stream B-A	0.2	25.11	0.20	D
Stream C-AB	0.2	15.66	0.12	C

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

File summary

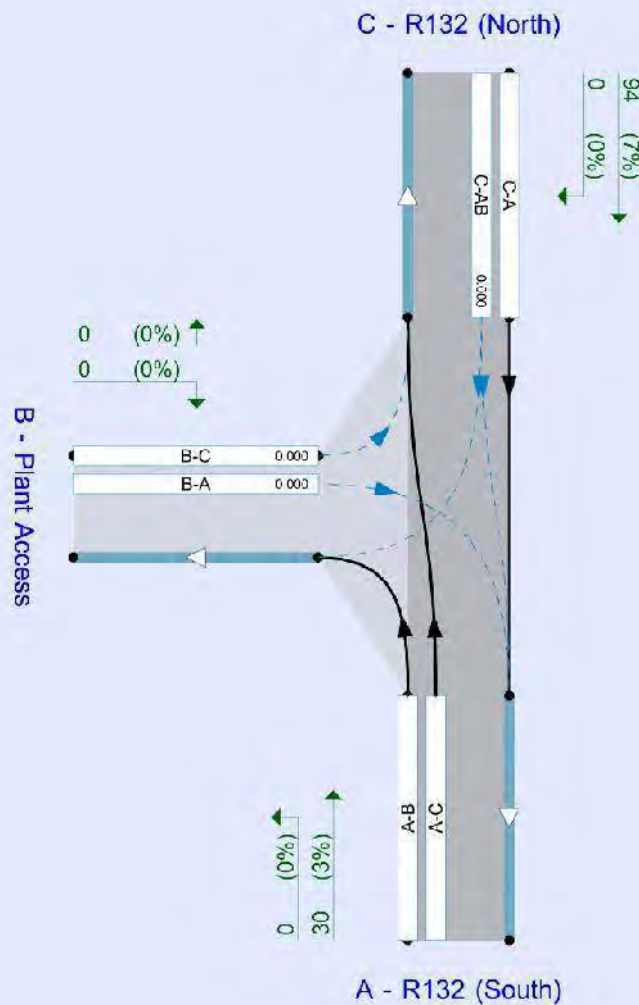
File Description

Title	
Location	
Site number	
Date	22/03/2023
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

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Flows show original traffic demand (NetVTS).
 Streams (downstream end) show RFC: 0
 Time Segment: 07:00-07:15

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	Time Period name	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time period length (min)	Time segment length (min)	Run automatically	Relationship type	Relationship
D1	Base Year	12hrs	DIRECT	07:00	19:00	720	15			
D2	Opening Year	12hrs	DIRECT	07:00	19:00	720	15			
D3	+5	12hrs	DIRECT	07:00	19:00	720	15			
D4	+15	12hrs	DIRECT	07:00	19:00	720	15			
D5	Dev Traffic	12hrs	DIRECT	07:00	19:00	720	15			
D6	Con Traffic	12hrs	DIRECT	07:00	19:00	720	15			
D7	Opening Year + Dev + Con + Adj	12hrs	DIRECT	07:00	19:00	720	15	✓	Simple	D2+D5+D6
D8	+5 + Dev + Adj	12hrs	DIRECT	07:00	19:00	720	15	✓	Simple	D3+D5
D9	+15 + Dev + Adj	12hrs	DIRECT	07:00	19:00	720	15	✓	Simple	D4+D5

Analysis Set Details

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

Opening Year + Dev + Con + Adj, 12hrs

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Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Major road direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	Site Access Junction	T-Junction	Two-way		0.36	A

Junction Network Options

Driving side	Lighting
Left	Normal/unknown

Arms

Arms

Arm	Name	Description	Arm type
A	R132 (South)		Major
B	Plant Access		Minor
C	R132 (North)		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 - R132 (North)	7.00			100.0	✓	1.00

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

Minor Arm Geometry

Arm	Minor arm type	Width at give-way (m)	Width at 5m (m)	Width at 10m (m)	Width at 15m (m)	Width at 20m (m)	Estimate flare length	Flare length (PCU)	Visibility to left (m)	Visibility to right (m)
B - Plant Access	One lane plus flare	10.00	9.00	6.75	6.50	6.50	✓	3.00	135	55

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	149.345	0.104	0.263	0.165	0.376
1	B-C	179.063	0.105	0.265	-	-
1	C-B	157.969	0.234	0.234	-	-

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

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

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

Traffic Demand

Demand Set Details

ID	Scenario name	Time Period name	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time period length (min)	Time segment length (min)	Run automatically	Relationship type	Relationship
D7	Opening Year + Dev + Con + Adj	12hrs	DIRECT	07:00	19:00	720	15	✓	Simple	D2+D5+D6

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

Demand overview (Traffic)

Arm	Linked arm	Profile type	Use O-D data	Scaling Factor (%)
A - R132 (South)		DIRECT	✓	100.000
B - Plant Access		DIRECT	✓	100.000
C - R132 (North)		DIRECT	✓	100.000

Origin-Destination Data

Demand (Veh/TS)

		To		
		A - R132 (South)	B - Plant Access	C - R132 (North)
07:00 - 07:15	From	A - R132 (South)	0.00	30.94
		B - Plant Access	0.01	0.01
		C - R132 (North)	97.11	0.00

Demand (Veh/TS)

		To		
		A - R132 (South)	B - Plant Access	C - R132 (North)
07:15 - 07:30	From	A - R132 (South)	0.00	42.40
		B - Plant Access	0.01	0.01
		C - R132 (North)	139.42	0.00

Demand (Veh/TS)

		To		
		A - R132 (South)	B - Plant Access	C - R132 (North)
07:30 - 07:45	From	A - R132 (South)	0.00	55.65
		B - Plant Access	0.01	0.01
		C - R132 (North)	170.54	0.00

Demand (Veh/TS)

		To		
		A - R132 (South)	B - Plant Access	C - R132 (North)
07:45 - 08:00	From	A - R132 (South)	0.00	56.90
		B - Plant Access	0.01	0.01
		C - R132 (North)	134.41	0.00

Demand (Veh/TS)

		To		
		A - R132 (South)	B - Plant Access	C - R132 (North)
08:00 - 08:15	From	A - R132 (South)	0.00	74.37
		B - Plant Access	0.03	0.03
		C - R132 (North)	148.65	0.00

Demand (Veh/TS)

		To		
		A - R132 (South)	B - Plant Access	C - R132 (North)
08:15 - 08:30	From	A - R132 (South)	0.00	75.44
		B - Plant Access	0.03	0.03
		C - R132 (North)	168.17	0.00

Demand (Veh/TS)

		To		
		A - R132 (South)	B - Plant Access	C - R132 (North)
08:30 - 08:45	From	A - R132 (South)	0.00	56.82
		B - Plant Access	0.03	0.03
		C - R132 (North)	143.37	0.00

Demand (Veh/TS)

		To		
		A - R132 (South)	B - Plant Access	C - R132 (North)
08:45 - 09:00	From	A - R132 (South)	0.00	66.26
		B - Plant Access	0.03	0.03
		C - R132 (North)	149.81	0.00

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Demand (Veh/TS)

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
09:00 - 09:15	From				
		A - R132 (South)	0.00	0.06	59.99
		B - Plant Access	0.03	0.00	0.03
		C - R132 (North)	108.44	0.06	0.00

Demand (Veh/TS)

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
09:15 - 09:30	From				
		A - R132 (South)	0.00	0.06	62.27
		B - Plant Access	0.03	0.00	0.03
		C - R132 (North)	105.22	0.06	0.00

Demand (Veh/TS)

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
09:30 - 09:45	From				
		A - R132 (South)	0.00	0.06	50.68
		B - Plant Access	0.03	0.00	0.03
		C - R132 (North)	104.59	0.06	0.00

Demand (Veh/TS)

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
09:45 - 10:00	From				
		A - R132 (South)	0.00	0.06	42.49
		B - Plant Access	0.03	0.00	0.03
		C - R132 (North)	101.41	0.06	0.00

Demand (Veh/TS)

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
10:00 - 10:15	From				
		A - R132 (South)	0.00	0.05	66.17
		B - Plant Access	0.04	0.00	0.04
		C - R132 (North)	98.14	0.05	0.00

Demand (Veh/TS)

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
10:15 - 10:30	From				
		A - R132 (South)	0.00	0.05	57.76
		B - Plant Access	0.04	0.00	0.04
		C - R132 (North)	71.32	0.05	0.00

Demand (Veh/TS)

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
10:30 - 10:45	From				
		A - R132 (South)	0.00	0.05	57.98
		B - Plant Access	0.04	0.00	0.04
		C - R132 (North)	97.20	0.05	0.00

Demand (Veh/TS)

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
10:45 - 11:00	From				
		A - R132 (South)	0.00	0.05	54.67
		B - Plant Access	0.04	0.00	0.04
		C - R132 (North)	90.89	0.05	0.00

Demand (Veh/TS)

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
11:00 - 11:15	From				
		A - R132 (South)	0.00	0.03	71.23
		B - Plant Access	0.04	0.00	0.04
		C - R132 (North)	91.07	0.03	0.00

Demand (Veh/TS)

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
11:15 - 11:30	From				
		A - R132 (South)	0.00	0.03	70.42
		B - Plant Access	0.04	0.00	0.04
		C - R132 (North)	79.47	0.03	0.00

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Demand (Veh/TS)

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
11:30 - 11:45	From				
		A - R132 (South)	0.00	0.03	74.46
		B - Plant Access	0.04	0.00	0.04
		C - R132 (North)	89.95	0.03	0.00

Demand (Veh/TS)

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
11:45 - 12:00	From				
		A - R132 (South)	0.00	0.03	64.03
		B - Plant Access	0.04	0.00	0.04
		C - R132 (North)	75.40	0.03	0.00

Demand (Veh/TS)

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
12:00 - 12:15	From				
		A - R132 (South)	0.00	0.06	67.42
		B - Plant Access	0.09	0.00	0.09
		C - R132 (North)	82.65	0.06	0.00

Demand (Veh/TS)

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
12:15 - 12:30	From				
		A - R132 (South)	0.00	0.06	72.22
		B - Plant Access	0.09	0.00	0.09
		C - R132 (North)	91.92	0.06	0.00

Demand (Veh/TS)

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
12:30 - 12:45	From				
		A - R132 (South)	0.00	0.06	75.57
		B - Plant Access	0.09	0.00	0.09
		C - R132 (North)	57.80	0.06	0.00

Demand (Veh/TS)

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
12:45 - 13:00	From				
		A - R132 (South)	0.00	0.06	90.76
		B - Plant Access	0.09	0.00	0.09
		C - R132 (North)	73.34	0.06	0.00

Demand (Veh/TS)

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
13:00 - 13:15	From				
		A - R132 (South)	0.00	0.06	79.34
		B - Plant Access	0.07	0.00	0.07
		C - R132 (North)	82.78	0.06	0.00

Demand (Veh/TS)

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
13:15 - 13:30	From				
		A - R132 (South)	0.00	0.06	88.83
		B - Plant Access	0.07	0.00	0.07
		C - R132 (North)	82.56	0.06	0.00

Demand (Veh/TS)

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
13:30 - 13:45	From				
		A - R132 (South)	0.00	0.06	85.61
		B - Plant Access	0.07	0.00	0.07
		C - R132 (North)	93.93	0.06	0.00

Demand (Veh/TS)

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
13:45 - 14:00	From				
		A - R132 (South)	0.00	0.06	75.31
		B - Plant Access	0.07	0.00	0.07
		C - R132 (North)	97.20	0.06	0.00

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Demand (Veh/TS)

		To		
		A - R132 (South)	B - Plant Access	C - R132 (North)
14:00 - 14:15	From			
		A - R132 (South)	0.00	69.26
		B - Plant Access	0.05	0.05
		C - R132 (North)	96.17	0.00

Demand (Veh/TS)

		To		
		A - R132 (South)	B - Plant Access	C - R132 (North)
14:15 - 14:30	From			
		A - R132 (South)	0.00	103.60
		B - Plant Access	0.05	0.05
		C - R132 (North)	75.53	0.00

Demand (Veh/TS)

		To		
		A - R132 (South)	B - Plant Access	C - R132 (North)
14:30 - 14:45	From			
		A - R132 (South)	0.00	92.95
		B - Plant Access	0.05	0.05
		C - R132 (North)	102.26	0.00

Demand (Veh/TS)

		To		
		A - R132 (South)	B - Plant Access	C - R132 (North)
14:45 - 15:00	From			
		A - R132 (South)	0.00	95.27
		B - Plant Access	0.05	0.05
		C - R132 (North)	99.13	0.00

Demand (Veh/TS)

		To		
		A - R132 (South)	B - Plant Access	C - R132 (North)
15:00 - 15:15	From			
		A - R132 (South)	0.00	105.39
		B - Plant Access	0.10	0.10
		C - R132 (North)	83.00	0.00

Demand (Veh/TS)

		To		
		A - R132 (South)	B - Plant Access	C - R132 (North)
15:15 - 15:30	From			
		A - R132 (South)	0.00	100.20
		B - Plant Access	0.10	0.10
		C - R132 (North)	88.92	0.00

Demand (Veh/TS)

		To		
		A - R132 (South)	B - Plant Access	C - R132 (North)
15:30 - 15:45	From			
		A - R132 (South)	0.00	98.19
		B - Plant Access	0.10	0.10
		C - R132 (North)	97.24	0.00

Demand (Veh/TS)

		To		
		A - R132 (South)	B - Plant Access	C - R132 (North)
15:45 - 16:00	From			
		A - R132 (South)	0.00	93.17
		B - Plant Access	0.10	0.10
		C - R132 (North)	107.63	0.00

Demand (Veh/TS)

		To		
		A - R132 (South)	B - Plant Access	C - R132 (North)
16:00 - 16:15	From			
		A - R132 (South)	0.00	142.38
		B - Plant Access	0.16	0.16
		C - R132 (North)	86.81	0.00

Demand (Veh/TS)

		To		
		A - R132 (South)	B - Plant Access	C - R132 (North)
16:15 - 16:30	From			
		A - R132 (South)	0.00	132.21
		B - Plant Access	0.16	0.16
		C - R132 (North)	88.70	0.00

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Demand (Veh/TS)

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
16:30 - 16:45	From				
		A - R132 (South)	0.00	0.03	136.20
		B - Plant Access	0.16	0.00	0.16
		C - R132 (North)	88.87	0.03	0.00

Demand (Veh/TS)

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
16:45 - 17:00	From				
		A - R132 (South)	0.00	0.03	163.20
		B - Plant Access	0.16	0.00	0.16
		C - R132 (North)	107.41	0.03	0.00

Demand (Veh/TS)

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
17:00 - 17:15	From				
		A - R132 (South)	0.00	0.02	142.34
		B - Plant Access	15.28	0.00	15.28
		C - R132 (North)	82.52	0.02	0.00

Demand (Veh/TS)

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
17:15 - 17:30	From				
		A - R132 (South)	0.00	0.02	162.80
		B - Plant Access	15.28	0.00	15.28
		C - R132 (North)	91.79	0.02	0.00

Demand (Veh/TS)

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
17:30 - 17:45	From				
		A - R132 (South)	0.00	0.02	164.90
		B - Plant Access	15.28	0.00	15.28
		C - R132 (North)	78.27	0.02	0.00

Demand (Veh/TS)

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
17:45 - 18:00	From				
		A - R132 (South)	0.00	0.02	159.93
		B - Plant Access	15.28	0.00	15.28
		C - R132 (North)	87.71	0.02	0.00

Demand (Veh/TS)

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
18:00 - 18:15	From				
		A - R132 (South)	0.00	0.03	133.07
		B - Plant Access	0.10	0.00	0.10
		C - R132 (North)	77.32	0.03	0.00

Demand (Veh/TS)

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
18:15 - 18:30	From				
		A - R132 (South)	0.00	0.03	92.86
		B - Plant Access	0.10	0.00	0.10
		C - R132 (North)	102.17	0.03	0.00

Demand (Veh/TS)

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
18:30 - 18:45	From				
		A - R132 (South)	0.00	0.03	115.47
		B - Plant Access	0.10	0.00	0.10
		C - R132 (North)	77.28	0.03	0.00

Demand (Veh/TS)

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
18:45 - 19:00	From				
		A - R132 (South)	0.00	0.03	85.61
		B - Plant Access	0.10	0.00	0.10
		C - R132 (North)	67.97	0.03	0.00

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Vehicle Mix

Heavy Vehicle Percentages

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
07:00 - 07:15	From				
		A - R132 (South)	0	100	3
		B - Plant Access	100	0	100
		C - R132 (North)	8	100	0

Heavy Vehicle Percentages

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
07:15 - 07:30	From				
		A - R132 (South)	0	100	10
		B - Plant Access	100	0	100
		C - R132 (North)	7	100	0

Heavy Vehicle Percentages

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
07:30 - 07:45	From				
		A - R132 (South)	0	100	2
		B - Plant Access	100	0	100
		C - R132 (North)	9	100	0

Heavy Vehicle Percentages

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
07:45 - 08:00	From				
		A - R132 (South)	0	1	11
		B - Plant Access	100	0	100
		C - R132 (North)	10	1	0

Heavy Vehicle Percentages

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
08:00 - 08:15	From				
		A - R132 (South)	0	3	7
		B - Plant Access	100	0	100
		C - R132 (North)	6	3	0

Heavy Vehicle Percentages

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
08:15 - 08:30	From				
		A - R132 (South)	0	3	9
		B - Plant Access	100	0	100
		C - R132 (North)	4	3	0

Heavy Vehicle Percentages

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
08:30 - 08:45	From				
		A - R132 (South)	0	3	8
		B - Plant Access	100	0	100
		C - R132 (North)	4	3	0

Heavy Vehicle Percentages

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
08:45 - 09:00	From				
		A - R132 (South)	0	100	13
		B - Plant Access	100	0	100
		C - R132 (North)	8	100	0

Heavy Vehicle Percentages

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
09:00 - 09:15	From				
		A - R132 (South)	0	100	11
		B - Plant Access	100	0	100
		C - R132 (North)	7	100	0

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Heavy Vehicle Percentages

		To		
		A - R132 (South)	B - Plant Access	C - R132 (North)
09:15 - 09:30	From			
		A - R132 (South)	0	100
		B - Plant Access	100	0
		C - R132 (North)	4	100

Heavy Vehicle Percentages

		To		
		A - R132 (South)	B - Plant Access	C - R132 (North)
09:30 - 09:45	From			
		A - R132 (South)	0	100
		B - Plant Access	100	0
		C - R132 (North)	13	100

Heavy Vehicle Percentages

		To		
		A - R132 (South)	B - Plant Access	C - R132 (North)
09:45 - 10:00	From			
		A - R132 (South)	0	100
		B - Plant Access	100	0
		C - R132 (North)	12	100

Heavy Vehicle Percentages

		To		
		A - R132 (South)	B - Plant Access	C - R132 (North)
10:00 - 10:15	From			
		A - R132 (South)	0	100
		B - Plant Access	100	0
		C - R132 (North)	8	100

Heavy Vehicle Percentages

		To		
		A - R132 (South)	B - Plant Access	C - R132 (North)
10:15 - 10:30	From			
		A - R132 (South)	0	100
		B - Plant Access	100	0
		C - R132 (North)	9	100

Heavy Vehicle Percentages

		To		
		A - R132 (South)	B - Plant Access	C - R132 (North)
10:30 - 10:45	From			
		A - R132 (South)	0	100
		B - Plant Access	100	0
		C - R132 (North)	10	100

Heavy Vehicle Percentages

		To		
		A - R132 (South)	B - Plant Access	C - R132 (North)
10:45 - 11:00	From			
		A - R132 (South)	0	100
		B - Plant Access	100	0
		C - R132 (North)	7	100

Heavy Vehicle Percentages

		To		
		A - R132 (South)	B - Plant Access	C - R132 (North)
11:00 - 11:15	From			
		A - R132 (South)	0	100
		B - Plant Access	100	0
		C - R132 (North)	12	100

Heavy Vehicle Percentages

		To		
		A - R132 (South)	B - Plant Access	C - R132 (North)
11:15 - 11:30	From			
		A - R132 (South)	0	100
		B - Plant Access	100	0
		C - R132 (North)	5	100

Heavy Vehicle Percentages

		To		
		A - R132 (South)	B - Plant Access	C - R132 (North)
11:30 - 11:45	From			
		A - R132 (South)	0	100
		B - Plant Access	100	0
		C - R132 (North)	10	100

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Heavy Vehicle Percentages

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
11:45 - 12:00	From				
		A - R132 (South)	0	100	7
		B - Plant Access	100	0	100
		C - R132 (North)	7	100	0

Heavy Vehicle Percentages

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
12:00 - 12:15	From				
		A - R132 (South)	0	100	18
		B - Plant Access	100	0	100
		C - R132 (North)	8	100	0

Heavy Vehicle Percentages

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
12:15 - 12:30	From				
		A - R132 (South)	0	100	4
		B - Plant Access	100	0	100
		C - R132 (North)	7	100	0

Heavy Vehicle Percentages

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
12:30 - 12:45	From				
		A - R132 (South)	0	100	13
		B - Plant Access	100	0	100
		C - R132 (North)	6	100	0

Heavy Vehicle Percentages

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
12:45 - 13:00	From				
		A - R132 (South)	0	100	4
		B - Plant Access	100	0	100
		C - R132 (North)	7	100	0

Heavy Vehicle Percentages

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
13:00 - 13:15	From				
		A - R132 (South)	0	100	1
		B - Plant Access	100	0	100
		C - R132 (North)	12	100	0

Heavy Vehicle Percentages

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
13:15 - 13:30	From				
		A - R132 (South)	0	100	7
		B - Plant Access	100	0	100
		C - R132 (North)	5	100	0

Heavy Vehicle Percentages

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
13:30 - 13:45	From				
		A - R132 (South)	0	100	4
		B - Plant Access	100	0	100
		C - R132 (North)	6	100	0

Heavy Vehicle Percentages

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
13:45 - 14:00	From				
		A - R132 (South)	0	100	4
		B - Plant Access	100	0	100
		C - R132 (North)	10	100	0

Heavy Vehicle Percentages

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
14:00 - 14:15	From				
		A - R132 (South)	0	100	9
		B - Plant Access	100	0	100
		C - R132 (North)	10	100	0

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Heavy Vehicle Percentages

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
14:15 - 14:30	From				
		A - R132 (South)	0	100	15
		B - Plant Access	100	0	100
		C - R132 (North)	11	100	0

Heavy Vehicle Percentages

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
14:30 - 14:45	From				
		A - R132 (South)	0	100	7
		B - Plant Access	100	0	100
		C - R132 (North)	7	100	0

Heavy Vehicle Percentages

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
14:45 - 15:00	From				
		A - R132 (South)	0	100	14
		B - Plant Access	100	0	100
		C - R132 (North)	7	100	0

Heavy Vehicle Percentages

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
15:00 - 15:15	From				
		A - R132 (South)	0	100	8
		B - Plant Access	100	0	100
		C - R132 (North)	18	100	0

Heavy Vehicle Percentages

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
15:15 - 15:30	From				
		A - R132 (South)	0	100	8
		B - Plant Access	100	0	100
		C - R132 (North)	10	100	0

Heavy Vehicle Percentages

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
15:30 - 15:45	From				
		A - R132 (South)	0	100	9
		B - Plant Access	100	0	100
		C - R132 (North)	11	100	0

Heavy Vehicle Percentages

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
15:45 - 16:00	From				
		A - R132 (South)	0	100	13
		B - Plant Access	100	0	100
		C - R132 (North)	12	100	0

Heavy Vehicle Percentages

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
16:00 - 16:15	From				
		A - R132 (South)	0	100	5
		B - Plant Access	100	0	100
		C - R132 (North)	9	100	0

Heavy Vehicle Percentages

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
16:15 - 16:30	From				
		A - R132 (South)	0	100	7
		B - Plant Access	100	0	100
		C - R132 (North)	4	100	0

Heavy Vehicle Percentages

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
16:30 - 16:45	From				
		A - R132 (South)	0	100	5
		B - Plant Access	100	0	100
		C - R132 (North)	8	100	0

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Heavy Vehicle Percentages

		To			
16:45 - 17:00	From	A - R132 (South)	B - Plant Access	C - R132 (North)	
		A - R132 (South)	0	100	7
		B - Plant Access	100	0	100
		C - R132 (North)	7	100	0

Heavy Vehicle Percentages

		To			
17:00 - 17:15	From	A - R132 (South)	B - Plant Access	C - R132 (North)	
		A - R132 (South)	0	100	4
		B - Plant Access	2	0	2
		C - R132 (North)	4	100	0

Heavy Vehicle Percentages

		To			
17:15 - 17:30	From	A - R132 (South)	B - Plant Access	C - R132 (North)	
		A - R132 (South)	0	100	1
		B - Plant Access	2	0	2
		C - R132 (North)	4	100	0

Heavy Vehicle Percentages

		To			
17:30 - 17:45	From	A - R132 (South)	B - Plant Access	C - R132 (North)	
		A - R132 (South)	0	100	2
		B - Plant Access	2	0	2
		C - R132 (North)	0	100	0

Heavy Vehicle Percentages

		To			
17:45 - 18:00	From	A - R132 (South)	B - Plant Access	C - R132 (North)	
		A - R132 (South)	0	100	5
		B - Plant Access	2	0	2
		C - R132 (North)	5	100	0

Heavy Vehicle Percentages

		To			
18:00 - 18:15	From	A - R132 (South)	B - Plant Access	C - R132 (North)	
		A - R132 (South)	0	100	4
		B - Plant Access	100	0	100
		C - R132 (North)	3	100	0

Heavy Vehicle Percentages

		To			
18:15 - 18:30	From	A - R132 (South)	B - Plant Access	C - R132 (North)	
		A - R132 (South)	0	100	5
		B - Plant Access	100	0	100
		C - R132 (North)	5	100	0

Heavy Vehicle Percentages

		To			
18:30 - 18:45	From	A - R132 (South)	B - Plant Access	C - R132 (North)	
		A - R132 (South)	0	100	3
		B - Plant Access	100	0	100
		C - R132 (North)	1	100	0

Heavy Vehicle Percentages

		To			
18:45 - 19:00	From	A - R132 (South)	B - Plant Access	C - R132 (North)	
		A - R132 (South)	0	100	4
		B - Plant Access	100	0	100
		C - R132 (North)	0	100	0

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Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (Veh)	Max LOS	Average Demand (Veh/TS)	Total Junction Arrivals (Veh)
B-C	0.12	13.63	0.1	B	1.33	64.00
B-A	0.17	21.42	0.2	C	1.33	64.00
C-AB	0.12	14.86	0.1	B	1.51	72.32
C-A					98.02	4705.11
A-B					1.33	64.00
A-C					87.81	4214.98

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	0.01	0.01	85.26	0.000	0.01	0.0	0.0	10.556	B
B-A	0.01	0.01	61.72	0.000	0.01	0.0	0.0	14.583	B
C-AB	0.19	0.19	79.94	0.002	0.19	0.0	0.0	11.284	B
C-A	97.10	97.10			97.10				
A-B	0.18	0.18			0.18				
A-C	30.94	30.94			30.94				

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	0.01	0.01	83.26	0.000	0.01	0.0	0.0	10.809	B
B-A	0.01	0.01	56.14	0.000	0.01	0.0	0.0	16.033	C
C-AB	0.20	0.20	80.88	0.002	0.20	0.0	0.0	11.226	B
C-A	139.41	139.41			139.41				
A-B	0.18	0.18			0.18				
A-C	42.40	42.40			42.40				

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	0.01	0.01	81.92	0.000	0.01	0.0	0.0	10.987	B
B-A	0.01	0.01	51.81	0.000	0.01	0.0	0.0	17.374	C
C-AB	0.20	0.20	81.13	0.002	0.20	0.0	0.0	11.165	B
C-A	170.52	170.52			170.52				
A-B	0.18	0.18			0.18				
A-C	55.65	55.65			55.65				

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	0.01	0.01	80.24	0.000	0.01	0.0	0.0	11.217	B
B-A	0.01	0.01	50.51	0.000	0.01	0.0	0.0	17.819	C
C-AB	16.93	16.93	153.60	0.110	16.80	0.0	0.1	6.648	A
C-A	132.65	132.65			132.65				
A-B	15.18	15.18			15.18				
A-C	56.90	56.90			56.90				

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	0.03	0.03	78.08	0.000	0.02	0.0	0.0	11.529	B
B-A	0.03	0.03	47.37	0.001	0.02	0.0	0.0	19.009	C
C-AB	17.49	17.49	150.26	0.116	17.48	0.1	0.1	6.742	A
C-A	146.57	146.57			146.57				
A-B	15.41	15.41			15.41				
A-C	74.37	74.37			74.37				

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	0.03	0.03	77.74	0.000	0.03	0.0	0.0	11.580	B
B-A	0.03	0.03	45.59	0.001	0.03	0.0	0.0	19.751	C
C-AB	17.85	17.85	152.49	0.117	17.85	0.1	0.2	6.691	A
C-A	165.73	165.73			165.73				
A-B	15.41	15.41			15.41				
A-C	75.44	75.44			75.44				

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	0.03	0.03	80.48	0.000	0.03	0.0	0.0	11.185	B
B-A	0.03	0.03	50.56	0.001	0.03	0.0	0.0	17.807	C
C-AB	17.35	17.35	153.56	0.113	17.36	0.2	0.1	6.615	A
C-A	141.43	141.43			141.43				
A-B	15.41	15.41			15.41				
A-C	56.82	56.82			56.82				

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	0.03	0.03	79.47	0.000	0.03	0.0	0.0	11.328	B
B-A	0.03	0.03	51.28	0.000	0.03	0.0	0.0	17.559	C
C-AB	0.41	0.41	80.72	0.006	0.55	0.1	0.0	6.756	A
C-A	149.81	149.81			149.81				
A-B	0.41	0.41			0.41				
A-C	66.26	66.26			66.26				

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	0.03	0.03	80.64	0.000	0.03	0.0	0.0	11.164	B
B-A	0.03	0.03	56.34	0.001	0.03	0.0	0.0	15.982	C
C-AB	0.07	0.07	75.58	0.001	0.07	0.0	0.0	12.102	B
C-A	108.44	108.44			108.44				
A-B	0.06	0.06			0.06				
A-C	59.99	59.99			59.99				

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	0.03	0.03	79.63	0.000	0.03	0.0	0.0	11.307	B
B-A	0.03	0.03	55.87	0.001	0.03	0.0	0.0	16.117	C
C-AB	0.07	0.07	73.49	0.001	0.07	0.0	0.0	12.259	B
C-A	105.21	105.21			105.21				
A-B	0.06	0.06			0.06				
A-C	62.27	62.27			62.27				

09:30 - 09:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.03	0.03	82.02	0.000	0.03	0.0	0.0	10.979	B
B-A	0.03	0.03	57.50	0.001	0.03	0.0	0.0	15.662	C
C-AB	0.07	0.07	75.41	0.001	0.07	0.0	0.0	11.927	B
C-A	104.58	104.58			104.58				
A-B	0.06	0.06			0.06				
A-C	50.68	50.68			50.68				

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	0.03	0.03	82.96	0.000	0.03	0.0	0.0	10.854	B
B-A	0.03	0.03	58.88	0.001	0.03	0.0	0.0	15.293	C
C-AB	0.07	0.07	76.23	0.001	0.07	0.0	0.0	11.816	B
C-A	101.40	101.40			101.40				
A-B	0.06	0.06			0.06				
A-C	42.49	42.49			42.49				

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	0.04	0.04	79.83	0.001	0.04	0.0	0.0	11.279	B
B-A	0.04	0.04	56.38	0.001	0.04	0.0	0.0	15.973	C
C-AB	0.05	0.05	73.03	0.001	0.05	0.0	0.0	12.326	B
C-A	98.14	98.14			98.14				
A-B	0.05	0.05			0.05				
A-C	66.17	66.17			66.17				

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	0.04	0.04	81.51	0.001	0.04	0.0	0.0	11.049	B
B-A	0.04	0.04	60.37	0.001	0.04	0.0	0.0	14.916	B
C-AB	0.05	0.05	73.65	0.001	0.05	0.0	0.0	12.200	B
C-A	71.32	71.32			71.32				
A-B	0.05	0.05			0.05				
A-C	57.76	57.76			57.76				

10:30 - 10:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.04	0.04	80.77	0.001	0.04	0.0	0.0	11.147	B
B-A	0.04	0.04	57.22	0.001	0.04	0.0	0.0	15.739	C
C-AB	0.05	0.05	74.01	0.001	0.05	0.0	0.0	12.194	B
C-A	97.20	97.20			97.20				
A-B	0.05	0.05			0.05				
A-C	57.98	57.98			57.98				

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	0.04	0.04	81.92	0.001	0.04	0.0	0.0	10.994	B
B-A	0.04	0.04	59.16	0.001	0.04	0.0	0.0	15.222	C
C-AB	0.05	0.05	74.67	0.001	0.05	0.0	0.0	12.058	B
C-A	90.89	90.89			90.89				
A-B	0.05	0.05			0.05				
A-C	54.67	54.67			54.67				

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	0.04	0.04	79.44	0.001	0.04	0.0	0.0	11.334	B
B-A	0.04	0.04	56.34	0.001	0.04	0.0	0.0	15.987	C
C-AB	0.03	0.03	71.77	0.000	0.03	0.0	0.0	12.517	B
C-A	91.06	91.06			91.06				
A-B	0.03	0.03			0.03				
A-C	71.23	71.23			71.23				

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	0.04	0.04	78.83	0.001	0.04	0.0	0.0	11.422	B
B-A	0.04	0.04	57.23	0.001	0.04	0.0	0.0	15.738	C
C-AB	0.03	0.03	71.16	0.000	0.03	0.0	0.0	12.648	B
C-A	79.47	79.47			79.47				
A-B	0.03	0.03			0.03				
A-C	70.42	70.42			70.42				

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	0.04	0.04	78.58	0.001	0.04	0.0	0.0	11.458	B
B-A	0.04	0.04	55.76	0.001	0.04	0.0	0.0	16.153	C
C-AB	0.03	0.03	71.20	0.000	0.03	0.0	0.0	12.652	B
C-A	89.95	89.95			89.95				
A-B	0.03	0.03			0.03				
A-C	74.46	74.46			74.46				

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	0.04	0.04	80.39	0.001	0.04	0.0	0.0	11.200	B
B-A	0.04	0.04	59.03	0.001	0.04	0.0	0.0	15.259	C
C-AB	0.03	0.03	72.40	0.000	0.03	0.0	0.0	12.426	B
C-A	75.40	75.40			75.40				
A-B	0.03	0.03			0.03				
A-C	64.03	64.03			64.03				

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	0.09	0.09	78.95	0.001	0.09	0.0	0.0	11.411	B
B-A	0.09	0.09	56.86	0.002	0.09	0.0	0.0	15.851	C
C-AB	0.07	0.07	72.34	0.001	0.07	0.0	0.0	12.476	B
C-A	82.65	82.65			82.65				
A-B	0.06	0.06			0.06				
A-C	67.42	67.42			67.42				

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	0.09	0.09	79.43	0.001	0.09	0.0	0.0	11.342	B
B-A	0.09	0.09	56.61	0.002	0.09	0.0	0.0	15.921	C
C-AB	0.07	0.07	72.98	0.001	0.07	0.0	0.0	12.355	B
C-A	91.92	91.92			91.92				
A-B	0.06	0.06			0.06				
A-C	72.22	72.22			72.22				

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	0.09	0.09	78.13	0.001	0.09	0.0	0.0	11.531	B
B-A	0.09	0.09	58.42	0.002	0.09	0.0	0.0	15.430	C
C-AB	0.07	0.07	70.54	0.001	0.07	0.0	0.0	12.733	B
C-A	57.80	57.80			57.80				
A-B	0.06	0.06			0.06				
A-C	75.57	75.57			75.57				

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	0.09	0.09	76.98	0.001	0.09	0.0	0.0	11.704	B
B-A	0.09	0.09	55.80	0.002	0.09	0.0	0.0	16.154	C
C-AB	0.07	0.07	70.33	0.001	0.07	0.0	0.0	12.830	B
C-A	73.34	73.34			73.34				
A-B	0.06	0.06			0.06				
A-C	90.76	90.76			90.76				

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	0.07	0.07	78.77	0.001	0.07	0.0	0.0	11.435	B
B-A	0.07	0.07	56.46	0.001	0.07	0.0	0.0	15.961	C
C-AB	0.06	0.06	71.96	0.001	0.06	0.0	0.0	12.519	B
C-A	82.78	82.78			82.78				
A-B	0.06	0.06			0.06				
A-C	79.34	79.34			79.34				

13:15 - 13:30

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.07	0.07	76.81	0.001	0.07	0.0	0.0	11.728	B
B-A	0.07	0.07	54.96	0.001	0.07	0.0	0.0	16.397	C
C-AB	0.06	0.06	70.30	0.001	0.06	0.0	0.0	12.825	B
C-A	82.56	82.56			82.56				
A-B	0.06	0.06			0.06				
A-C	88.83	88.83			88.83				

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	0.07	0.07	77.66	0.001	0.07	0.0	0.0	11.601	B
B-A	0.07	0.07	54.78	0.001	0.07	0.0	0.0	16.451	C
C-AB	0.06	0.06	71.38	0.001	0.06	0.0	0.0	12.632	B
C-A	93.93	93.93			93.93				
A-B	0.06	0.06			0.06				
A-C	85.61	85.61			85.61				

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	0.07	0.07	79.03	0.001	0.07	0.0	0.0	11.400	B
B-A	0.07	0.07	55.51	0.001	0.07	0.0	0.0	16.235	C
C-AB	0.06	0.06	72.57	0.001	0.06	0.0	0.0	12.409	B
C-A	97.20	97.20			97.20				
A-B	0.06	0.06			0.06				
A-C	75.31	75.31			75.31				

14:00 - 14:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.05	0.05	79.38	0.001	0.05	0.0	0.0	11.345	B
B-A	0.05	0.05	55.99	0.001	0.05	0.0	0.0	16.088	C
C-AB	0.05	0.05	72.66	0.001	0.05	0.0	0.0	12.386	B
C-A	96.17	96.17			96.17				
A-B	0.05	0.05			0.05				
A-C	69.26	69.26			69.26				

14:15 - 14:30

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.05	0.05	73.71	0.001	0.05	0.0	0.0	12.216	B
B-A	0.05	0.05	52.12	0.001	0.05	0.0	0.0	17.282	C
C-AB	0.05	0.05	67.13	0.001	0.05	0.0	0.0	13.401	B
C-A	75.53	75.53			75.53				
A-B	0.05	0.05			0.05				
A-C	103.60	103.60			103.60				

14:30 - 14:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.05	0.05	76.26	0.001	0.05	0.0	0.0	11.810	B
B-A	0.05	0.05	52.53	0.001	0.05	0.0	0.0	17.149	C
C-AB	0.05	0.05	70.32	0.001	0.05	0.0	0.0	12.836	B
C-A	102.26	102.26			102.26				
A-B	0.05	0.05			0.05				
A-C	92.95	92.95			92.95				

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	0.05	0.05	75.10	0.001	0.05	0.0	0.0	11.991	B
B-A	0.05	0.05	51.73	0.001	0.05	0.0	0.0	17.414	C
C-AB	0.05	0.05	69.07	0.001	0.05	0.0	0.0	13.042	B
C-A	99.13	99.13			99.13				
A-B	0.05	0.05			0.05				
A-C	95.27	95.27			95.27				

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	0.10	0.10	74.34	0.001	0.10	0.0	0.0	12.122	B
B-A	0.10	0.10	51.58	0.002	0.10	0.0	0.0	17.483	C
C-AB	0.02	0.02	66.64	0.000	0.02	0.0	0.0	13.418	B
C-A	83.00	83.00			83.00				
A-B	0.02	0.02			0.02				
A-C	105.39	105.39			105.39				

15:15 - 15:30

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.10	0.10	75.14	0.001	0.10	0.0	0.0	11.993	B
B-A	0.10	0.10	52.47	0.002	0.10	0.0	0.0	17.187	C
C-AB	0.02	0.02	67.97	0.000	0.02	0.0	0.0	13.254	B
C-A	88.92	88.92			88.92				
A-B	0.02	0.02			0.02				
A-C	100.20	100.20			100.20				

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	0.10	0.10	75.26	0.001	0.10	0.0	0.0	11.973	B
B-A	0.10	0.10	51.72	0.002	0.10	0.0	0.0	17.434	C
C-AB	0.02	0.02	68.20	0.000	0.02	0.0	0.0	13.207	B
C-A	97.24	97.24			97.24				
A-B	0.02	0.02			0.02				
A-C	98.19	98.19			98.19				

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	0.10	0.10	75.50	0.001	0.10	0.0	0.0	11.936	B
B-A	0.10	0.10	50.92	0.002	0.10	0.0	0.0	17.709	C
C-AB	0.02	0.02	68.59	0.000	0.02	0.0	0.0	13.130	B
C-A	107.63	107.63			107.63				
A-B	0.02	0.02			0.02				
A-C	93.17	93.17			93.17				

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	0.16	0.16	69.68	0.002	0.16	0.0	0.0	12.944	B
B-A	0.16	0.16	47.30	0.003	0.16	0.0	0.0	19.088	C
C-AB	0.03	0.03	63.49	0.000	0.03	0.0	0.0	14.190	B
C-A	86.81	86.81			86.81				
A-B	0.03	0.03			0.03				
A-C	142.38	142.38			142.38				

16:15 - 16:30

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.16	0.16	70.58	0.002	0.16	0.0	0.0	12.779	B
B-A	0.16	0.16	48.43	0.003	0.16	0.0	0.0	18.642	C
C-AB	0.03	0.03	64.31	0.000	0.03	0.0	0.0	14.007	B
C-A	88.70	88.70			88.70				
A-B	0.03	0.03			0.03				
A-C	132.21	132.21			132.21				

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	0.16	0.16	70.48	0.002	0.16	0.0	0.0	12.797	B
B-A	0.16	0.16	47.96	0.003	0.16	0.0	0.0	18.826	C
C-AB	0.03	0.03	64.18	0.000	0.03	0.0	0.0	14.025	B
C-A	88.87	88.87			88.87				
A-B	0.03	0.03			0.03				
A-C	136.20	136.20			136.20				

16:45 - 17:00

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.16	0.16	66.18	0.002	0.16	0.0	0.0	13.630	B
B-A	0.16	0.16	42.17	0.004	0.16	0.0	0.0	21.423	C
C-AB	0.03	0.03	61.03	0.001	0.03	0.0	0.0	14.786	B
C-A	107.41	107.41			107.41				
A-B	0.03	0.03			0.03				
A-C	163.20	163.20			163.20				

17:00 - 17:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	15.28	15.28	131.79	0.116	15.15	0.0	0.1	7.791	A
B-A	15.28	15.28	94.56	0.162	15.09	0.0	0.2	11.427	B
C-AB	0.02	0.02	62.72	0.000	0.02	0.0	0.0	14.283	B
C-A	82.52	82.52			82.52				
A-B	0.02	0.02			0.02				
A-C	142.34	142.34			142.34				

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	15.28	15.28	127.01	0.120	15.27	0.1	0.1	8.054	A
B-A	15.28	15.28	88.66	0.172	15.26	0.2	0.2	12.258	B
C-AB	0.02	0.02	61.25	0.000	0.02	0.0	0.0	14.713	B
C-A	91.79	91.79			91.79				
A-B	0.02	0.02			0.02				
A-C	162.80	162.80			162.80				

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	15.28	15.28	126.32	0.121	15.27	0.1	0.1	8.104	A
B-A	15.28	15.28	90.57	0.169	15.28	0.2	0.2	11.953	B
C-AB	0.02	0.02	60.56	0.000	0.02	0.0	0.0	14.857	B
C-A	78.27	78.27			78.27				
A-B	0.02	0.02			0.02				
A-C	164.90	164.90			164.90				

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	15.28	15.28	126.36	0.121	15.28	0.1	0.1	8.101	A
B-A	15.28	15.28	88.51	0.173	15.27	0.2	0.2	12.288	B
C-AB	0.02	0.02	60.86	0.000	0.02	0.0	0.0	14.799	B
C-A	87.71	87.71			87.71				
A-B	0.02	0.02			0.02				
A-C	159.93	159.93			159.93				

18:00 - 18:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.10	0.10	96.60	0.001	0.24	0.1	0.0	6.668	A
B-A	0.10	0.10	76.27	0.002	0.31	0.2	0.0	9.067	A
C-AB	0.03	0.03	64.41	0.000	0.03	0.0	0.0	13.983	B
C-A	77.32	77.32			77.32				
A-B	0.03	0.03			0.03				
A-C	133.07	133.07			133.07				

18:15 - 18:30

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.10	0.10	76.57	0.001	0.10	0.0	0.0	11.768	B
B-A	0.10	0.10	53.00	0.002	0.10	0.0	0.0	17.013	C
C-AB	0.03	0.03	69.72	0.000	0.03	0.0	0.0	12.923	B
C-A	102.17	102.17			102.17				
A-B	0.03	0.03			0.03				
A-C	92.86	92.86			92.86				

18:30 - 18:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.10	0.10	73.69	0.001	0.10	0.0	0.0	12.230	B
B-A	0.10	0.10	52.60	0.002	0.10	0.0	0.0	17.142	C
C-AB	0.03	0.03	66.60	0.000	0.03	0.0	0.0	13.504	B
C-A	77.28	77.28			77.28				
A-B	0.03	0.03			0.03				
A-C	115.47	115.47			115.47				

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	0.10	0.10	77.65	0.001	0.10	0.0	0.0	11.605	B
B-A	0.10	0.10	57.39	0.002	0.10	0.0	0.0	15.710	C
C-AB	0.03	0.03	69.87	0.000	0.03	0.0	0.0	12.872	B
C-A	67.97	67.97			67.97				
A-B	0.03	0.03			0.03				
A-C	85.61	85.61			85.61				

RECEIVED: 22/05/2023

+5 + Dev + Adj, 12hrs

RECEIVED: 22/05/2023

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Major road direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	Site Access Junction	T-Junction	Two-way		0.35	A

Junction Network Options

Driving side	Lighting
Left	Normal/unknown

Traffic Demand

Demand Set Details

ID	Scenario name	Time Period name	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time period length (min)	Time segment length (min)	Run automatically	Relationship type	Relationship
D8	+5 + Dev + Adj	12hrs	DIRECT	07:00	19:00	720	15	✓	Simple	D3+D5

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

Demand overview (Traffic)

Arm	Linked arm	Profile type	Use O-D data	Scaling Factor (%)
A - R132 (South)		DIRECT	✓	100.000
B - Plant Access		DIRECT	✓	100.000
C - R132 (North)		DIRECT	✓	100.000

Origin-Destination Data

Demand (Veh/TS)

		To		
		A - R132 (South)	B - Plant Access	C - R132 (North)
07:00 - 07:15	From			
	A - R132 (South)	0.00	0.18	33.42
	B - Plant Access	0.01	0.00	0.01
	C - R132 (North)	105.41	0.18	0.00

Demand (Veh/TS)

		To		
		A - R132 (South)	B - Plant Access	C - R132 (North)
07:15 - 07:30	From			
	A - R132 (South)	0.00	0.18	46.14
	B - Plant Access	0.01	0.00	0.01
	C - R132 (North)	151.20	0.18	0.00

Demand (Veh/TS)

		To		
		A - R132 (South)	B - Plant Access	C - R132 (North)
07:30 - 07:45	From			
	A - R132 (South)	0.00	0.18	60.02
	B - Plant Access	0.01	0.00	0.01
	C - R132 (North)	185.32	0.18	0.00

Demand (Veh/TS)

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
07:45 - 08:00	From				
		A - R132 (South)	0.00	15.18	62.01
		B - Plant Access	0.01	0.00	0.01
		C - R132 (North)	146.18	15.18	0.00

Demand (Veh/TS)

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
08:00 - 08:15	From				
		A - R132 (South)	0.00	15.41	80.67
		B - Plant Access	0.03	0.00	0.03
		C - R132 (North)	161.00	15.41	0.00

Demand (Veh/TS)

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
08:15 - 08:30	From				
		A - R132 (South)	0.00	15.41	81.96
		B - Plant Access	0.03	0.00	0.03
		C - R132 (North)	181.88	15.41	0.00

Demand (Veh/TS)

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
08:30 - 08:45	From				
		A - R132 (South)	0.00	15.41	61.66
		B - Plant Access	0.03	0.00	0.03
		C - R132 (North)	154.93	15.41	0.00

Demand (Veh/TS)

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
08:45 - 09:00	From				
		A - R132 (South)	0.00	0.41	72.33
		B - Plant Access	0.03	0.00	0.03
		C - R132 (North)	162.63	0.41	0.00

Demand (Veh/TS)

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
09:00 - 09:15	From				
		A - R132 (South)	0.00	0.06	65.33
		B - Plant Access	0.03	0.00	0.03
		C - R132 (North)	117.60	0.06	0.00

Demand (Veh/TS)

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
09:15 - 09:30	From				
		A - R132 (South)	0.00	0.06	68.43
		B - Plant Access	0.03	0.00	0.03
		C - R132 (North)	113.75	0.06	0.00

Demand (Veh/TS)

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
09:30 - 09:45	From				
		A - R132 (South)	0.00	0.06	55.18
		B - Plant Access	0.03	0.00	0.03
		C - R132 (North)	114.22	0.06	0.00

Demand (Veh/TS)

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
09:45 - 10:00	From				
		A - R132 (South)	0.00	0.06	46.49
		B - Plant Access	0.03	0.00	0.03
		C - R132 (North)	110.54	0.06	0.00

Demand (Veh/TS)

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
10:00 - 10:15	From				
		A - R132 (South)	0.00	0.05	71.98
		B - Plant Access	0.04	0.00	0.04
		C - R132 (North)	106.52	0.05	0.00

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Demand (Veh/TS)

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
10:15 - 10:30	From				
		A - R132 (South)	0.00	0.05	62.42
		B - Plant Access	0.04	0.00	0.04
		C - R132 (North)	77.52	0.05	0.00

Demand (Veh/TS)

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
10:30 - 10:45	From				
		A - R132 (South)	0.00	0.05	63.29
		B - Plant Access	0.04	0.00	0.04
		C - R132 (North)	105.76	0.05	0.00

Demand (Veh/TS)

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
10:45 - 11:00	From				
		A - R132 (South)	0.00	0.05	59.09
		B - Plant Access	0.04	0.00	0.04
		C - R132 (North)	98.58	0.05	0.00

Demand (Veh/TS)

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
11:00 - 11:15	From				
		A - R132 (South)	0.00	0.03	77.17
		B - Plant Access	0.04	0.00	0.04
		C - R132 (North)	99.28	0.03	0.00

Demand (Veh/TS)

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
11:15 - 11:30	From				
		A - R132 (South)	0.00	0.03	76.94
		B - Plant Access	0.04	0.00	0.04
		C - R132 (North)	86.04	0.03	0.00

Demand (Veh/TS)

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
11:30 - 11:45	From				
		A - R132 (South)	0.00	0.03	81.03
		B - Plant Access	0.04	0.00	0.04
		C - R132 (North)	97.82	0.03	0.00

Demand (Veh/TS)

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
11:45 - 12:00	From				
		A - R132 (South)	0.00	0.03	69.42
		B - Plant Access	0.04	0.00	0.04
		C - R132 (North)	81.78	0.03	0.00

Demand (Veh/TS)

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
12:00 - 12:15	From				
		A - R132 (South)	0.00	0.06	73.97
		B - Plant Access	0.09	0.00	0.09
		C - R132 (North)	89.72	0.06	0.00

Demand (Veh/TS)

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
12:15 - 12:30	From				
		A - R132 (South)	0.00	0.06	78.11
		B - Plant Access	0.09	0.00	0.09
		C - R132 (North)	99.69	0.06	0.00

Demand (Veh/TS)

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
12:30 - 12:45	From				
		A - R132 (South)	0.00	0.06	82.48
		B - Plant Access	0.09	0.00	0.09
		C - R132 (North)	62.59	0.06	0.00

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Demand (Veh/TS)

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
12:45 - 13:00	From				
		A - R132 (South)	0.00	0.06	98.06
		B - Plant Access	0.09	0.00	0.09
		C - R132 (North)	79.57	0.06	0.00

Demand (Veh/TS)

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
13:00 - 13:15	From				
		A - R132 (South)	0.00	0.06	85.52
		B - Plant Access	0.07	0.00	0.07
		C - R132 (North)	90.24	0.06	0.00

Demand (Veh/TS)

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
13:15 - 13:30	From				
		A - R132 (South)	0.00	0.06	96.37
		B - Plant Access	0.07	0.00	0.07
		C - R132 (North)	89.37	0.06	0.00

Demand (Veh/TS)

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
13:30 - 13:45	From				
		A - R132 (South)	0.00	0.06	92.52
		B - Plant Access	0.07	0.00	0.07
		C - R132 (North)	101.73	0.06	0.00

Demand (Veh/TS)

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
13:45 - 14:00	From				
		A - R132 (South)	0.00	0.06	81.43
		B - Plant Access	0.07	0.00	0.07
		C - R132 (North)	105.76	0.06	0.00

Demand (Veh/TS)

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
14:00 - 14:15	From				
		A - R132 (South)	0.00	0.05	75.31
		B - Plant Access	0.05	0.00	0.05
		C - R132 (North)	104.65	0.05	0.00

Demand (Veh/TS)

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
14:15 - 14:30	From				
		A - R132 (South)	0.00	0.05	113.28
		B - Plant Access	0.05	0.00	0.05
		C - R132 (North)	82.31	0.05	0.00

Demand (Veh/TS)

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
14:30 - 14:45	From				
		A - R132 (South)	0.00	0.05	100.80
		B - Plant Access	0.05	0.00	0.05
		C - R132 (North)	110.95	0.05	0.00

Demand (Veh/TS)

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
14:45 - 15:00	From				
		A - R132 (South)	0.00	0.05	104.07
		B - Plant Access	0.05	0.00	0.05
		C - R132 (North)	107.45	0.05	0.00

Demand (Veh/TS)

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
15:00 - 15:15	From				
		A - R132 (South)	0.00	0.02	114.45
		B - Plant Access	0.10	0.00	0.10
		C - R132 (North)	91.12	0.02	0.00

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Demand (Veh/TS)

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
15:15 - 15:30	From				
		A - R132 (South)	0.00	0.02	108.73
		B - Plant Access	0.10	0.00	0.10
		C - R132 (North)	96.72	0.02	0.00

Demand (Veh/TS)

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
15:30 - 15:45	From				
		A - R132 (South)	0.00	0.02	106.69
		B - Plant Access	0.10	0.00	0.10
		C - R132 (North)	105.93	0.02	0.00

Demand (Veh/TS)

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
15:45 - 16:00	From				
		A - R132 (South)	0.00	0.02	101.68
		B - Plant Access	0.10	0.00	0.10
		C - R132 (North)	117.37	0.02	0.00

Demand (Veh/TS)

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
16:00 - 16:15	From				
		A - R132 (South)	0.00	0.03	154.00
		B - Plant Access	0.16	0.00	0.16
		C - R132 (North)	94.32	0.03	0.00

Demand (Veh/TS)

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
16:15 - 16:30	From				
		A - R132 (South)	0.00	0.03	143.44
		B - Plant Access	0.16	0.00	0.16
		C - R132 (North)	95.84	0.03	0.00

Demand (Veh/TS)

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
16:30 - 16:45	From				
		A - R132 (South)	0.00	0.03	147.35
		B - Plant Access	0.16	0.00	0.16
		C - R132 (North)	96.54	0.03	0.00

Demand (Veh/TS)

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
16:45 - 17:00	From				
		A - R132 (South)	0.00	0.03	177.04
		B - Plant Access	0.16	0.00	0.16
		C - R132 (North)	116.49	0.03	0.00

Demand (Veh/TS)

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
17:00 - 17:15	From				
		A - R132 (South)	0.00	0.02	153.82
		B - Plant Access	15.28	0.00	15.28
		C - R132 (North)	89.19	0.02	0.00

Demand (Veh/TS)

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
17:15 - 17:30	From				
		A - R132 (South)	0.00	0.02	175.46
		B - Plant Access	15.28	0.00	15.28
		C - R132 (North)	99.17	0.02	0.00

Demand (Veh/TS)

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
17:30 - 17:45	From				
		A - R132 (South)	0.00	0.02	177.86
		B - Plant Access	15.28	0.00	15.28
		C - R132 (North)	84.23	0.02	0.00

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Demand (Veh/TS)

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
17:45 - 18:00	From				
		A - R132 (South)	0.00	0.02	173.02
		B - Plant Access	15.28	0.00	15.28
		C - R132 (North)	94.91	0.02	0.00

Demand (Veh/TS)

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
18:00 - 18:15	From				
		A - R132 (South)	0.00	0.03	143.85
		B - Plant Access	0.10	0.00	0.10
		C - R132 (North)	83.47	0.03	0.00

Demand (Veh/TS)

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
18:15 - 18:30	From				
		A - R132 (South)	0.00	0.03	100.45
		B - Plant Access	0.10	0.00	0.10
		C - R132 (North)	110.60	0.03	0.00

Demand (Veh/TS)

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
18:30 - 18:45	From				
		A - R132 (South)	0.00	0.03	124.66
		B - Plant Access	0.10	0.00	0.10
		C - R132 (North)	83.30	0.03	0.00

Demand (Veh/TS)

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
18:45 - 19:00	From				
		A - R132 (South)	0.00	0.03	92.52
		B - Plant Access	0.10	0.00	0.10
		C - R132 (North)	73.15	0.03	0.00

Vehicle Mix

Heavy Vehicle Percentages

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
07:00 - 07:15	From				
		A - R132 (South)	0	100	4
		B - Plant Access	100	0	100
		C - R132 (North)	9	100	0

Heavy Vehicle Percentages

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
07:15 - 07:30	From				
		A - R132 (South)	0	100	11
		B - Plant Access	100	0	100
		C - R132 (North)	8	100	0

Heavy Vehicle Percentages

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
07:30 - 07:45	From				
		A - R132 (South)	0	100	2
		B - Plant Access	100	0	100
		C - R132 (North)	10	100	0

Heavy Vehicle Percentages

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
07:45 - 08:00	From				
		A - R132 (South)	0	1	12
		B - Plant Access	100	0	100
		C - R132 (North)	11	1	0

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Heavy Vehicle Percentages

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
08:00 - 08:15	From				
		A - R132 (South)	0	3	8
		B - Plant Access	100	0	100
		C - R132 (North)	6	3	0

Heavy Vehicle Percentages

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
08:15 - 08:30	From				
		A - R132 (South)	0	3	9
		B - Plant Access	100	0	100
		C - R132 (North)	5	3	0

Heavy Vehicle Percentages

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
08:30 - 08:45	From				
		A - R132 (South)	0	3	8
		B - Plant Access	100	0	100
		C - R132 (North)	4	3	0

Heavy Vehicle Percentages

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
08:45 - 09:00	From				
		A - R132 (South)	0	100	14
		B - Plant Access	100	0	100
		C - R132 (North)	9	100	0

Heavy Vehicle Percentages

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
09:00 - 09:15	From				
		A - R132 (South)	0	100	12
		B - Plant Access	100	0	100
		C - R132 (North)	8	100	0

Heavy Vehicle Percentages

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
09:15 - 09:30	From				
		A - R132 (South)	0	100	21
		B - Plant Access	100	0	100
		C - R132 (North)	5	100	0

Heavy Vehicle Percentages

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
09:30 - 09:45	From				
		A - R132 (South)	0	100	12
		B - Plant Access	100	0	100
		C - R132 (North)	15	100	0

Heavy Vehicle Percentages

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
09:45 - 10:00	From				
		A - R132 (South)	0	100	17
		B - Plant Access	100	0	100
		C - R132 (North)	13	100	0

Heavy Vehicle Percentages

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
10:00 - 10:15	From				
		A - R132 (South)	0	100	11
		B - Plant Access	100	0	100
		C - R132 (North)	8	100	0

Heavy Vehicle Percentages

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
10:15 - 10:30	From				
		A - R132 (South)	0	100	4
		B - Plant Access	100	0	100
		C - R132 (North)	10	100	0

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Heavy Vehicle Percentages

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
10:30 - 10:45	From				
		A - R132 (South)	0	100	14
		B - Plant Access	100	0	100
		C - R132 (North)	11	100	0

Heavy Vehicle Percentages

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
10:45 - 11:00	From				
		A - R132 (South)	0	100	4
		B - Plant Access	100	0	100
		C - R132 (North)	8	100	0

Heavy Vehicle Percentages

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
11:00 - 11:15	From				
		A - R132 (South)	0	100	7
		B - Plant Access	100	0	100
		C - R132 (North)	13	100	0

Heavy Vehicle Percentages

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
11:15 - 11:30	From				
		A - R132 (South)	0	100	15
		B - Plant Access	100	0	100
		C - R132 (North)	6	100	0

Heavy Vehicle Percentages

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
11:30 - 11:45	From				
		A - R132 (South)	0	100	11
		B - Plant Access	100	0	100
		C - R132 (North)	10	100	0

Heavy Vehicle Percentages

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
11:45 - 12:00	From				
		A - R132 (South)	0	100	7
		B - Plant Access	100	0	100
		C - R132 (North)	8	100	0

Heavy Vehicle Percentages

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
12:00 - 12:15	From				
		A - R132 (South)	0	100	19
		B - Plant Access	100	0	100
		C - R132 (North)	9	100	0

Heavy Vehicle Percentages

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
12:15 - 12:30	From				
		A - R132 (South)	0	100	5
		B - Plant Access	100	0	100
		C - R132 (North)	8	100	0

Heavy Vehicle Percentages

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
12:30 - 12:45	From				
		A - R132 (South)	0	100	14
		B - Plant Access	100	0	100
		C - R132 (North)	6	100	0

Heavy Vehicle Percentages

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
12:45 - 13:00	From				
		A - R132 (South)	0	100	4
		B - Plant Access	100	0	100
		C - R132 (North)	8	100	0

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Heavy Vehicle Percentages

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
13:00 - 13:15	From				
		A - R132 (South)	0	100	2
		B - Plant Access	100	0	100
		C - R132 (North)	13	100	0

Heavy Vehicle Percentages

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
13:15 - 13:30	From				
		A - R132 (South)	0	100	8
		B - Plant Access	100	0	100
		C - R132 (North)	6	100	0

Heavy Vehicle Percentages

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
13:30 - 13:45	From				
		A - R132 (South)	0	100	4
		B - Plant Access	100	0	100
		C - R132 (North)	6	100	0

Heavy Vehicle Percentages

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
13:45 - 14:00	From				
		A - R132 (South)	0	100	5
		B - Plant Access	100	0	100
		C - R132 (North)	11	100	0

Heavy Vehicle Percentages

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
14:00 - 14:15	From				
		A - R132 (South)	0	100	10
		B - Plant Access	100	0	100
		C - R132 (North)	11	100	0

Heavy Vehicle Percentages

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
14:15 - 14:30	From				
		A - R132 (South)	0	100	16
		B - Plant Access	100	0	100
		C - R132 (North)	12	100	0

Heavy Vehicle Percentages

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
14:30 - 14:45	From				
		A - R132 (South)	0	100	8
		B - Plant Access	100	0	100
		C - R132 (North)	8	100	0

Heavy Vehicle Percentages

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
14:45 - 15:00	From				
		A - R132 (South)	0	100	15
		B - Plant Access	100	0	100
		C - R132 (North)	7	100	0

Heavy Vehicle Percentages

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
15:00 - 15:15	From				
		A - R132 (South)	0	100	9
		B - Plant Access	100	0	100
		C - R132 (North)	20	100	0

Heavy Vehicle Percentages

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
15:15 - 15:30	From				
		A - R132 (South)	0	100	8
		B - Plant Access	100	0	100
		C - R132 (North)	11	100	0

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Heavy Vehicle Percentages

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
15:30 - 15:45	From				
		A - R132 (South)	0	100	10
		B - Plant Access	100	0	100
		C - R132 (North)	12	100	0

Heavy Vehicle Percentages

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
15:45 - 16:00	From				
		A - R132 (South)	0	100	14
		B - Plant Access	100	0	100
		C - R132 (North)	13	100	0

Heavy Vehicle Percentages

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
16:00 - 16:15	From				
		A - R132 (South)	0	100	5
		B - Plant Access	100	0	100
		C - R132 (North)	10	100	0

Heavy Vehicle Percentages

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
16:15 - 16:30	From				
		A - R132 (South)	0	100	8
		B - Plant Access	100	0	100
		C - R132 (North)	4	100	0

Heavy Vehicle Percentages

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
16:30 - 16:45	From				
		A - R132 (South)	0	100	5
		B - Plant Access	100	0	100
		C - R132 (North)	9	100	0

Heavy Vehicle Percentages

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
16:45 - 17:00	From				
		A - R132 (South)	0	100	8
		B - Plant Access	100	0	100
		C - R132 (North)	8	100	0

Heavy Vehicle Percentages

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
17:00 - 17:15	From				
		A - R132 (South)	0	100	4
		B - Plant Access	2	0	2
		C - R132 (North)	4	100	0

Heavy Vehicle Percentages

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
17:15 - 17:30	From				
		A - R132 (South)	0	100	1
		B - Plant Access	2	0	2
		C - R132 (North)	4	100	0

Heavy Vehicle Percentages

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
17:30 - 17:45	From				
		A - R132 (South)	0	100	2
		B - Plant Access	2	0	2
		C - R132 (North)	0	100	0

Heavy Vehicle Percentages

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
17:45 - 18:00	From				
		A - R132 (South)	0	100	5
		B - Plant Access	2	0	2
		C - R132 (North)	5	100	0

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Heavy Vehicle Percentages

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
18:00 - 18:15	From				
		A - R132 (South)	0	100	4
		B - Plant Access	100	0	100
		C - R132 (North)	3	100	0

Heavy Vehicle Percentages

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
18:15 - 18:30	From				
		A - R132 (South)	0	100	5
		B - Plant Access	100	0	100
		C - R132 (North)	6	100	0

Heavy Vehicle Percentages

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
18:30 - 18:45	From				
		A - R132 (South)	0	100	3
		B - Plant Access	100	0	100
		C - R132 (North)	2	100	0

Heavy Vehicle Percentages

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
18:45 - 19:00	From				
		A - R132 (South)	0	100	4
		B - Plant Access	100	0	100
		C - R132 (North)	0	100	0

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Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (Veh)	Max LOS	Average Demand (Veh/TS)	Total Junction Arrivals (Veh)
B-C	0.12	14.09	0.1	B	1.33	64.00
B-A	0.18	23.07	0.2	C	1.33	64.00
C-AB	0.12	15.22	0.2	C	1.53	73.22
C-A					106.36	5105.12
A-B					1.33	64.00
A-C					95.25	4571.89

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	0.01	0.01	84.90	0.000	0.01	0.0	0.0	10.600	B
B-A	0.01	0.01	60.56	0.000	0.01	0.0	0.0	14.863	B
C-AB	0.19	0.19	80.04	0.002	0.19	0.0	0.0	11.270	B
C-A	105.40	105.40			105.40				
A-B	0.18	0.18			0.18				
A-C	33.42	33.42			33.42				

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	0.01	0.01	82.65	0.000	0.01	0.0	0.0	10.889	B
B-A	0.01	0.01	54.41	0.000	0.01	0.0	0.0	16.544	C
C-AB	0.20	0.20	80.99	0.002	0.20	0.0	0.0	11.216	B
C-A	151.18	151.18			151.18				
A-B	0.18	0.18			0.18				
A-C	46.14	46.14			46.14				

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	0.01	0.01	81.31	0.000	0.01	0.0	0.0	11.069	B
B-A	0.01	0.01	49.74	0.000	0.01	0.0	0.0	18.096	C
C-AB	0.20	0.20	81.39	0.002	0.20	0.0	0.0	11.132	B
C-A	185.30	185.30			185.30				
A-B	0.18	0.18			0.18				
A-C	60.02	60.02			60.02				

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	0.01	0.01	79.39	0.000	0.01	0.0	0.0	11.337	B
B-A	0.01	0.01	48.50	0.000	0.01	0.0	0.0	18.561	C
C-AB	17.13	17.13	153.69	0.111	16.99	0.0	0.1	6.652	A
C-A	144.24	144.24			144.24				
A-B	15.18	15.18			15.18				
A-C	62.01	62.01			62.01				

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	0.03	0.03	77.10	0.000	0.02	0.0	0.0	11.675	B
B-A	0.03	0.03	45.24	0.001	0.02	0.0	0.0	19.903	C
C-AB	17.72	17.72	150.37	0.118	17.71	0.1	0.2	6.754	A
C-A	158.69	158.69			158.69				
A-B	15.41	15.41			15.41				
A-C	80.67	80.67			80.67				

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	0.03	0.03	76.70	0.000	0.03	0.0	0.0	11.736	B
B-A	0.03	0.03	43.31	0.001	0.03	0.0	0.0	20.790	C
C-AB	18.12	18.12	152.73	0.119	18.11	0.2	0.2	6.694	A
C-A	179.17	179.17			179.17				
A-B	15.41	15.41			15.41				
A-C	81.96	81.96			81.96				

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	0.03	0.03	79.72	0.000	0.03	0.0	0.0	11.294	B
B-A	0.03	0.03	48.78	0.001	0.03	0.0	0.0	18.460	C
C-AB	17.55	17.55	153.85	0.114	17.55	0.2	0.1	6.610	A
C-A	152.80	152.80			152.80				
A-B	15.41	15.41			15.41				
A-C	61.66	61.66			61.66				

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	0.03	0.03	78.43	0.000	0.03	0.0	0.0	11.477	B
B-A	0.03	0.03	49.01	0.001	0.03	0.0	0.0	18.372	C
C-AB	0.41	0.41	79.94	0.006	0.56	0.1	0.0	6.839	A
C-A	162.63	162.63			162.63				
A-B	0.41	0.41			0.41				
A-C	72.33	72.33			72.33				

09:00 - 09:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.03	0.03	79.76	0.000	0.03	0.0	0.0	11.288	B
B-A	0.03	0.03	54.60	0.001	0.03	0.0	0.0	16.493	C
C-AB	0.07	0.07	75.19	0.001	0.07	0.0	0.0	12.178	B
C-A	117.60	117.60			117.60				
A-B	0.06	0.06			0.06				
A-C	65.33	65.33			65.33				

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	0.03	0.03	78.50	0.000	0.03	0.0	0.0	11.469	B
B-A	0.03	0.03	53.99	0.001	0.03	0.0	0.0	16.680	C
C-AB	0.07	0.07	72.79	0.001	0.07	0.0	0.0	12.381	B
C-A	113.75	113.75			113.75				
A-B	0.06	0.06			0.06				
A-C	68.43	68.43			68.43				

09:30 - 09:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.03	0.03	81.28	0.000	0.03	0.0	0.0	11.077	B
B-A	0.03	0.03	55.75	0.001	0.03	0.0	0.0	16.154	C
C-AB	0.07	0.07	75.05	0.001	0.07	0.0	0.0	11.982	B
C-A	114.21	114.21			114.21				
A-B	0.06	0.06			0.06				
A-C	55.18	55.18			55.18				

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	0.03	0.03	82.26	0.000	0.03	0.0	0.0	10.947	B
B-A	0.03	0.03	57.24	0.001	0.03	0.0	0.0	15.732	C
C-AB	0.07	0.07	75.89	0.001	0.07	0.0	0.0	11.865	B
C-A	110.54	110.54			110.54				
A-B	0.06	0.06			0.06				
A-C	46.49	46.49			46.49				

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	0.04	0.04	78.89	0.001	0.04	0.0	0.0	11.413	B
B-A	0.04	0.04	54.64	0.001	0.04	0.0	0.0	16.483	C
C-AB	0.05	0.05	72.45	0.001	0.05	0.0	0.0	12.424	B
C-A	106.51	106.51			106.51				
A-B	0.05	0.05			0.05				
A-C	71.98	71.98			71.98				

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	0.04	0.04	80.83	0.001	0.04	0.0	0.0	11.139	B
B-A	0.04	0.04	59.09	0.001	0.04	0.0	0.0	15.240	C
C-AB	0.05	0.05	73.21	0.001	0.05	0.0	0.0	12.270	B
C-A	77.52	77.52			77.52				
A-B	0.05	0.05			0.05				
A-C	62.42	62.42			62.42				

10:30 - 10:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.04	0.04	79.87	0.001	0.04	0.0	0.0	11.273	B
B-A	0.04	0.04	55.47	0.001	0.04	0.0	0.0	16.237	C
C-AB	0.05	0.05	73.48	0.001	0.05	0.0	0.0	12.284	B
C-A	105.76	105.76			105.76				
A-B	0.05	0.05			0.05				
A-C	63.29	63.29			63.29				

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	0.04	0.04	81.27	0.001	0.04	0.0	0.0	11.081	B
B-A	0.04	0.04	57.79	0.001	0.04	0.0	0.0	15.587	C
C-AB	0.05	0.05	74.31	0.001	0.05	0.0	0.0	12.113	B
C-A	98.58	98.58			98.58				
A-B	0.05	0.05			0.05				
A-C	59.09	59.09			59.09				

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	0.04	0.04	78.54	0.001	0.04	0.0	0.0	11.465	B
B-A	0.04	0.04	54.59	0.001	0.04	0.0	0.0	16.498	C
C-AB	0.03	0.03	71.14	0.000	0.03	0.0	0.0	12.626	B
C-A	99.28	99.28			99.28				
A-B	0.03	0.03			0.03				
A-C	77.17	77.17			77.17				

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	0.04	0.04	77.71	0.001	0.04	0.0	0.0	11.587	B
B-A	0.04	0.04	55.52	0.001	0.04	0.0	0.0	16.225	C
C-AB	0.03	0.03	70.32	0.000	0.03	0.0	0.0	12.801	B
C-A	86.04	86.04			86.04				
A-B	0.03	0.03			0.03				
A-C	76.94	76.94			76.94				

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	0.04	0.04	77.51	0.001	0.04	0.0	0.0	11.616	B
B-A	0.04	0.04	53.91	0.001	0.04	0.0	0.0	16.706	C
C-AB	0.03	0.03	70.43	0.000	0.03	0.0	0.0	12.788	B
C-A	97.82	97.82			97.82				
A-B	0.03	0.03			0.03				
A-C	81.02	81.02			81.02				

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	0.04	0.04	79.56	0.001	0.04	0.0	0.0	11.317	B
B-A	0.04	0.04	57.60	0.001	0.04	0.0	0.0	15.638	C
C-AB	0.03	0.03	71.79	0.000	0.03	0.0	0.0	12.527	B
C-A	81.78	81.78			81.78				
A-B	0.03	0.03			0.03				
A-C	69.42	69.42			69.42				

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	0.09	0.09	77.78	0.001	0.09	0.0	0.0	11.584	B
B-A	0.09	0.09	55.01	0.002	0.09	0.0	0.0	16.386	C
C-AB	0.07	0.07	71.55	0.001	0.07	0.0	0.0	12.616	B
C-A	89.71	89.71			89.71				
A-B	0.06	0.06			0.06				
A-C	73.97	73.97			73.97				

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	0.09	0.09	78.56	0.001	0.09	0.0	0.0	11.468	B
B-A	0.09	0.09	55.01	0.002	0.09	0.0	0.0	16.386	C
C-AB	0.07	0.07	72.47	0.001	0.07	0.0	0.0	12.440	B
C-A	99.69	99.69			99.69				
A-B	0.06	0.06			0.06				
A-C	78.11	78.11			78.11				

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	0.09	0.09	76.96	0.001	0.09	0.0	0.0	11.707	B
B-A	0.09	0.09	56.82	0.002	0.09	0.0	0.0	15.867	C
C-AB	0.07	0.07	69.66	0.001	0.07	0.0	0.0	12.892	B
C-A	62.59	62.59			62.59				
A-B	0.06	0.06			0.06				
A-C	82.48	82.48			82.48				

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	0.09	0.09	75.92	0.001	0.09	0.0	0.0	11.867	B
B-A	0.09	0.09	54.16	0.002	0.09	0.0	0.0	16.646	C
C-AB	0.07	0.07	69.62	0.001	0.07	0.0	0.0	12.963	B
C-A	79.56	79.56			79.56				
A-B	0.06	0.06			0.06				
A-C	98.06	98.06			98.06				

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	0.07	0.07	77.92	0.001	0.07	0.0	0.0	11.560	B
B-A	0.07	0.07	54.85	0.001	0.07	0.0	0.0	16.430	C
C-AB	0.06	0.06	71.44	0.001	0.06	0.0	0.0	12.609	B
C-A	90.24	90.24			90.24				
A-B	0.06	0.06			0.06				
A-C	85.52	85.52			85.52				

13:15 - 13:30

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.07	0.07	75.64	0.001	0.07	0.0	0.0	11.909	B
B-A	0.07	0.07	53.17	0.001	0.07	0.0	0.0	16.948	C
C-AB	0.06	0.06	69.50	0.001	0.06	0.0	0.0	12.972	B
C-A	89.36	89.36			89.36				
A-B	0.06	0.06			0.06				
A-C	96.37	96.37			96.37				

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	0.07	0.07	76.66	0.001	0.07	0.0	0.0	11.753	B
B-A	0.07	0.07	53.06	0.001	0.07	0.0	0.0	16.986	C
C-AB	0.06	0.06	70.75	0.001	0.06	0.0	0.0	12.745	B
C-A	101.73	101.73			101.73				
A-B	0.06	0.06			0.06				
A-C	92.52	92.52			92.52				

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	0.07	0.07	78.12	0.001	0.07	0.0	0.0	11.530	B
B-A	0.07	0.07	53.76	0.001	0.07	0.0	0.0	16.764	C
C-AB	0.06	0.06	72.04	0.001	0.06	0.0	0.0	12.500	B
C-A	105.76	105.76			105.76				
A-B	0.06	0.06			0.06				
A-C	81.43	81.43			81.43				

14:00 - 14:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.05	0.05	78.41	0.001	0.05	0.0	0.0	11.487	B
B-A	0.05	0.05	54.17	0.001	0.05	0.0	0.0	16.627	C
C-AB	0.05	0.05	72.05	0.001	0.05	0.0	0.0	12.493	B
C-A	104.65	104.65			104.65				
A-B	0.05	0.05			0.05				
A-C	75.31	75.31			75.31				

14:15 - 14:30

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.05	0.05	72.03	0.001	0.05	0.0	0.0	12.501	B
B-A	0.05	0.05	49.76	0.001	0.05	0.0	0.0	18.102	C
C-AB	0.05	0.05	65.88	0.001	0.05	0.0	0.0	13.658	B
C-A	82.31	82.31			82.31				
A-B	0.05	0.05			0.05				
A-C	113.28	113.28			113.28				

14:30 - 14:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.05	0.05	75.05	0.001	0.05	0.0	0.0	11.999	B
B-A	0.05	0.05	50.49	0.001	0.05	0.0	0.0	17.841	C
C-AB	0.05	0.05	69.53	0.001	0.05	0.0	0.0	12.985	B
C-A	110.95	110.95			110.95				
A-B	0.05	0.05			0.05				
A-C	100.80	100.80			100.80				

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	0.05	0.05	73.59	0.001	0.05	0.0	0.0	12.236	B
B-A	0.05	0.05	49.45	0.001	0.05	0.0	0.0	18.217	C
C-AB	0.05	0.05	68.01	0.001	0.05	0.0	0.0	13.246	B
C-A	107.45	107.45			107.45				
A-B	0.05	0.05			0.05				
A-C	104.07	104.07			104.07				

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	0.10	0.10	72.91	0.001	0.10	0.0	0.0	12.360	B
B-A	0.10	0.10	49.25	0.002	0.10	0.0	0.0	18.310	C
C-AB	0.02	0.02	65.50	0.000	0.02	0.0	0.0	13.644	B
C-A	91.12	91.12			91.12				
A-B	0.02	0.02			0.02				
A-C	114.45	114.45			114.45				

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	0.10	0.10	73.81	0.001	0.10	0.0	0.0	12.210	B
B-A	0.10	0.10	50.37	0.002	0.10	0.0	0.0	17.904	C
C-AB	0.02	0.02	66.95	0.000	0.02	0.0	0.0	13.456	B
C-A	96.72	96.72			96.72				
A-B	0.02	0.02			0.02				
A-C	108.73	108.73			108.73				

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	0.10	0.10	73.91	0.001	0.10	0.0	0.0	12.193	B
B-A	0.10	0.10	49.49	0.002	0.10	0.0	0.0	18.221	C
C-AB	0.02	0.02	67.17	0.000	0.02	0.0	0.0	13.409	B
C-A	105.93	105.93			105.93				
A-B	0.02	0.02			0.02				
A-C	106.69	106.69			106.69				

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	0.10	0.10	74.06	0.001	0.10	0.0	0.0	12.168	B
B-A	0.10	0.10	48.49	0.002	0.10	0.0	0.0	18.599	C
C-AB	0.02	0.02	67.52	0.000	0.02	0.0	0.0	13.342	B
C-A	117.37	117.37			117.37				
A-B	0.02	0.02			0.02				
A-C	101.68	101.68			101.68				

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	0.16	0.16	67.97	0.002	0.16	0.0	0.0	13.271	B
B-A	0.16	0.16	44.87	0.004	0.16	0.0	0.0	20.128	C
C-AB	0.03	0.03	62.18	0.000	0.03	0.0	0.0	14.491	B
C-A	94.32	94.32			94.32				
A-B	0.03	0.03			0.03				
A-C	154.00	154.00			154.00				

16:15 - 16:30

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.16	0.16	68.83	0.002	0.16	0.0	0.0	13.104	B
B-A	0.16	0.16	46.07	0.003	0.16	0.0	0.0	19.603	C
C-AB	0.03	0.03	62.96	0.000	0.03	0.0	0.0	14.309	B
C-A	95.84	95.84			95.84				
A-B	0.03	0.03			0.03				
A-C	143.44	143.44			143.44				

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	0.16	0.16	68.83	0.002	0.16	0.0	0.0	13.105	B
B-A	0.16	0.16	45.58	0.003	0.16	0.0	0.0	19.815	C
C-AB	0.03	0.03	62.92	0.000	0.03	0.0	0.0	14.307	B
C-A	96.54	96.54			96.54				
A-B	0.03	0.03			0.03				
A-C	147.35	147.35			147.35				

16:45 - 17:00

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.16	0.16	64.03	0.002	0.16	0.0	0.0	14.089	B
B-A	0.16	0.16	39.17	0.004	0.16	0.0	0.0	23.068	C
C-AB	0.03	0.03	59.41	0.001	0.03	0.0	0.0	15.197	C
C-A	116.49	116.49			116.49				
A-B	0.03	0.03			0.03				
A-C	177.04	177.04			177.04				

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	15.28	15.28	128.39	0.119	15.14	0.0	0.1	8.022	A
B-A	15.28	15.28	90.13	0.169	15.08	0.0	0.2	12.099	B
C-AB	0.02	0.02	61.34	0.000	0.02	0.0	0.0	14.591	B
C-A	89.19	89.19			89.19				
A-B	0.02	0.02			0.02				
A-C	153.82	153.82			153.82				

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	15.28	15.28	123.41	0.124	15.27	0.1	0.1	8.322	A
B-A	15.28	15.28	83.98	0.182	15.26	0.2	0.2	13.093	B
C-AB	0.02	0.02	59.86	0.000	0.02	0.0	0.0	15.054	C
C-A	99.17	99.17			99.17				
A-B	0.02	0.02			0.02				
A-C	175.46	175.46			175.46				

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	15.28	15.28	122.63	0.125	15.27	0.1	0.1	8.383	A
B-A	15.28	15.28	86.10	0.177	15.28	0.2	0.2	12.711	B
C-AB	0.02	0.02	59.09	0.000	0.02	0.0	0.0	15.224	C
C-A	84.23	84.23			84.23				
A-B	0.02	0.02			0.02				
A-C	177.86	177.86			177.86				

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	15.28	15.28	122.38	0.125	15.27	0.1	0.1	8.403	A
B-A	15.28	15.28	83.45	0.183	15.27	0.2	0.2	13.201	B
C-AB	0.02	0.02	59.30	0.000	0.02	0.0	0.0	15.189	C
C-A	94.91	94.91			94.91				
A-B	0.02	0.02			0.02				
A-C	173.02	173.02			173.02				

18:00 - 18:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.10	0.10	94.75	0.002	0.24	0.1	0.0	6.842	A
B-A	0.10	0.10	74.08	0.002	0.32	0.2	0.0	9.445	A
C-AB	0.03	0.03	63.17	0.000	0.03	0.0	0.0	14.257	B
C-A	83.47	83.47			83.47				
A-B	0.03	0.03			0.03				
A-C	143.85	143.85			143.85				

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	0.10	0.10	75.45	0.001	0.10	0.0	0.0	11.943	B
B-A	0.10	0.10	51.11	0.002	0.10	0.0	0.0	17.644	C
C-AB	0.03	0.03	68.92	0.000	0.03	0.0	0.0	13.076	B
C-A	110.60	110.60			110.60				
A-B	0.03	0.03			0.03				
A-C	100.45	100.45			100.45				

18:30 - 18:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.10	0.10	72.38	0.001	0.10	0.0	0.0	12.451	B
B-A	0.10	0.10	50.80	0.002	0.10	0.0	0.0	17.752	C
C-AB	0.03	0.03	65.58	0.000	0.03	0.0	0.0	13.712	B
C-A	83.30	83.30			83.30				
A-B	0.03	0.03			0.03				
A-C	124.66	124.66			124.66				

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	0.10	0.10	76.65	0.001	0.10	0.0	0.0	11.757	B
B-A	0.10	0.10	55.97	0.002	0.10	0.0	0.0	16.109	C
C-AB	0.03	0.03	69.09	0.000	0.03	0.0	0.0	13.018	B
C-A	73.15	73.15			73.15				
A-B	0.03	0.03			0.03				
A-C	92.52	92.52			92.52				

+15 + Dev + Adj, 12hrs

RECEIVED: 22/05/2023

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Major road direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	Site Access Junction	T-Junction	Two-way		0.34	A

Junction Network Options

Driving side	Lighting
Left	Normal/unknown

Traffic Demand

Demand Set Details

ID	Scenario name	Time Period name	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time period length (min)	Time segment length (min)	Run automatically	Relationship type	Relationship
D9	+15 + Dev + Adj	12hrs	DIRECT	07:00	19:00	720	15	✓	Simple	D4+D5

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

Demand overview (Traffic)

Arm	Linked arm	Profile type	Use O-D data	Scaling Factor (%)
A - R132 (South)		DIRECT	✓	100.000
B - Plant Access		DIRECT	✓	100.000
C - R132 (North)		DIRECT	✓	100.000

Origin-Destination Data

Demand (Veh/TS)

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
07:00 - 07:15	From	A - R132 (South)	0.00	0.18	35.99
		B - Plant Access	0.01	0.00	0.01
		C - R132 (North)	114.07	0.18	0.00

Demand (Veh/TS)

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
07:15 - 07:30	From	A - R132 (South)	0.00	0.18	50.07
		B - Plant Access	0.01	0.00	0.01
		C - R132 (North)	163.46	0.18	0.00

Demand (Veh/TS)

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
07:30 - 07:45	From	A - R132 (South)	0.00	0.18	64.51
		B - Plant Access	0.01	0.00	0.01
		C - R132 (North)	200.80	0.18	0.00

Demand (Veh/TS)

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
07:45 - 08:00	From				
		A - R132 (South)	0.00	15.18	67.38
		B - Plant Access	0.01	0.00	0.01
		C - R132 (North)	158.53	15.18	0.00

Demand (Veh/TS)

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
08:00 - 08:15	From				
		A - R132 (South)	0.00	15.41	87.25
		B - Plant Access	0.03	0.00	0.03
		C - R132 (North)	173.82	15.41	0.00

Demand (Veh/TS)

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
08:15 - 08:30	From				
		A - R132 (South)	0.00	15.41	88.77
		B - Plant Access	0.03	0.00	0.03
		C - R132 (North)	196.06	15.41	0.00

Demand (Veh/TS)

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
08:30 - 08:45	From				
		A - R132 (South)	0.00	15.41	66.71
		B - Plant Access	0.03	0.00	0.03
		C - R132 (North)	166.87	15.41	0.00

Demand (Veh/TS)

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
08:45 - 09:00	From				
		A - R132 (South)	0.00	0.41	78.75
		B - Plant Access	0.03	0.00	0.03
		C - R132 (North)	176.02	0.41	0.00

Demand (Veh/TS)

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
09:00 - 09:15	From				
		A - R132 (South)	0.00	0.06	70.95
		B - Plant Access	0.03	0.00	0.03
		C - R132 (North)	127.14	0.06	0.00

Demand (Veh/TS)

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
09:15 - 09:30	From				
		A - R132 (South)	0.00	0.06	75.01
		B - Plant Access	0.03	0.00	0.03
		C - R132 (North)	122.56	0.06	0.00

Demand (Veh/TS)

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
09:30 - 09:45	From				
		A - R132 (South)	0.00	0.06	59.91
		B - Plant Access	0.03	0.00	0.03
		C - R132 (North)	124.41	0.06	0.00

Demand (Veh/TS)

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
09:45 - 10:00	From				
		A - R132 (South)	0.00	0.06	50.74
		B - Plant Access	0.03	0.00	0.03
		C - R132 (North)	120.17	0.06	0.00

Demand (Veh/TS)

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
10:00 - 10:15	From				
		A - R132 (South)	0.00	0.05	78.08
		B - Plant Access	0.04	0.00	0.04
		C - R132 (North)	115.25	0.05	0.00

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Demand (Veh/TS)

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
10:15 - 10:30	From				
		A - R132 (South)	0.00	0.05	67.22
		B - Plant Access	0.04	0.00	0.04
		C - R132 (North)	84.02	0.05	0.00

Demand (Veh/TS)

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
10:30 - 10:45	From				
		A - R132 (South)	0.00	0.05	68.91
		B - Plant Access	0.04	0.00	0.04
		C - R132 (North)	114.74	0.05	0.00

Demand (Veh/TS)

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
10:45 - 11:00	From				
		A - R132 (South)	0.00	0.05	63.66
		B - Plant Access	0.04	0.00	0.04
		C - R132 (North)	106.60	0.05	0.00

Demand (Veh/TS)

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
11:00 - 11:15	From				
		A - R132 (South)	0.00	0.03	83.35
		B - Plant Access	0.04	0.00	0.04
		C - R132 (North)	107.95	0.03	0.00

Demand (Veh/TS)

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
11:15 - 11:30	From				
		A - R132 (South)	0.00	0.03	83.84
		B - Plant Access	0.04	0.00	0.04
		C - R132 (North)	92.85	0.03	0.00

Demand (Veh/TS)

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
11:30 - 11:45	From				
		A - R132 (South)	0.00	0.03	87.92
		B - Plant Access	0.04	0.00	0.04
		C - R132 (North)	106.08	0.03	0.00

Demand (Veh/TS)

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
11:45 - 12:00	From				
		A - R132 (South)	0.00	0.03	75.03
		B - Plant Access	0.04	0.00	0.04
		C - R132 (North)	88.44	0.03	0.00

Demand (Veh/TS)

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
12:00 - 12:15	From				
		A - R132 (South)	0.00	0.06	80.95
		B - Plant Access	0.09	0.00	0.09
		C - R132 (North)	97.09	0.06	0.00

Demand (Veh/TS)

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
12:15 - 12:30	From				
		A - R132 (South)	0.00	0.06	84.20
		B - Plant Access	0.09	0.00	0.09
		C - R132 (North)	107.79	0.06	0.00

Demand (Veh/TS)

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
12:30 - 12:45	From				
		A - R132 (South)	0.00	0.06	89.78
		B - Plant Access	0.09	0.00	0.09
		C - R132 (North)	67.56	0.06	0.00

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Demand (Veh/TS)

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
12:45 - 13:00	From				
		A - R132 (South)	0.00	0.06	105.59
		B - Plant Access	0.09	0.00	0.09
		C - R132 (North)	86.06	0.06	0.00

Demand (Veh/TS)

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
13:00 - 13:15	From				
		A - R132 (South)	0.00	0.06	91.84
		B - Plant Access	0.07	0.00	0.07
		C - R132 (North)	98.10	0.06	0.00

Demand (Veh/TS)

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
13:15 - 13:30	From				
		A - R132 (South)	0.00	0.06	104.22
		B - Plant Access	0.07	0.00	0.07
		C - R132 (North)	96.42	0.06	0.00

Demand (Veh/TS)

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
13:30 - 13:45	From				
		A - R132 (South)	0.00	0.06	99.65
		B - Plant Access	0.07	0.00	0.07
		C - R132 (North)	109.83	0.06	0.00

Demand (Veh/TS)

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
13:45 - 14:00	From				
		A - R132 (South)	0.00	0.06	87.76
		B - Plant Access	0.07	0.00	0.07
		C - R132 (North)	114.74	0.06	0.00

Demand (Veh/TS)

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
14:00 - 14:15	From				
		A - R132 (South)	0.00	0.05	81.64
		B - Plant Access	0.05	0.00	0.05
		C - R132 (North)	113.55	0.05	0.00

Demand (Veh/TS)

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
14:15 - 14:30	From				
		A - R132 (South)	0.00	0.05	123.55
		B - Plant Access	0.05	0.00	0.05
		C - R132 (North)	89.45	0.05	0.00

Demand (Veh/TS)

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
14:30 - 14:45	From				
		A - R132 (South)	0.00	0.05	108.98
		B - Plant Access	0.05	0.00	0.05
		C - R132 (North)	120.01	0.05	0.00

Demand (Veh/TS)

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
14:45 - 15:00	From				
		A - R132 (South)	0.00	0.05	113.37
		B - Plant Access	0.05	0.00	0.05
		C - R132 (North)	116.11	0.05	0.00

Demand (Veh/TS)

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
15:00 - 15:15	From				
		A - R132 (South)	0.00	0.02	123.91
		B - Plant Access	0.10	0.00	0.10
		C - R132 (North)	99.79	0.02	0.00

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Demand (Veh/TS)

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
15:15 - 15:30	From				
		A - R132 (South)	0.00	0.02	117.63
		B - Plant Access	0.10	0.00	0.10
		C - R132 (North)	104.90	0.02	0.00

Demand (Veh/TS)

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
15:30 - 15:45	From				
		A - R132 (South)	0.00	0.02	115.59
		B - Plant Access	0.10	0.00	0.10
		C - R132 (North)	115.08	0.02	0.00

Demand (Veh/TS)

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
15:45 - 16:00	From				
		A - R132 (South)	0.00	0.02	110.66
		B - Plant Access	0.10	0.00	0.10
		C - R132 (North)	127.63	0.02	0.00

Demand (Veh/TS)

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
16:00 - 16:15	From				
		A - R132 (South)	0.00	0.03	166.02
		B - Plant Access	0.16	0.00	0.16
		C - R132 (North)	102.18	0.03	0.00

Demand (Veh/TS)

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
16:15 - 16:30	From				
		A - R132 (South)	0.00	0.03	155.14
		B - Plant Access	0.16	0.00	0.16
		C - R132 (North)	103.21	0.03	0.00

Demand (Veh/TS)

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
16:30 - 16:45	From				
		A - R132 (South)	0.00	0.03	158.89
		B - Plant Access	0.16	0.00	0.16
		C - R132 (North)	104.56	0.03	0.00

Demand (Veh/TS)

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
16:45 - 17:00	From				
		A - R132 (South)	0.00	0.03	191.47
		B - Plant Access	0.16	0.00	0.16
		C - R132 (North)	125.95	0.03	0.00

Demand (Veh/TS)

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
17:00 - 17:15	From				
		A - R132 (South)	0.00	0.02	165.68
		B - Plant Access	15.28	0.00	15.28
		C - R132 (North)	96.08	0.02	0.00

Demand (Veh/TS)

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
17:15 - 17:30	From				
		A - R132 (South)	0.00	0.02	188.44
		B - Plant Access	15.28	0.00	15.28
		C - R132 (North)	106.78	0.02	0.00

Demand (Veh/TS)

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
17:30 - 17:45	From				
		A - R132 (South)	0.00	0.02	191.15
		B - Plant Access	15.28	0.00	15.28
		C - R132 (North)	90.32	0.02	0.00

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Demand (Veh/TS)

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
17:45 - 18:00	From				
		A - R132 (South)	0.00	0.02	186.56
		B - Plant Access	15.28	0.00	15.28
		C - R132 (North)	102.36	0.02	0.00

Demand (Veh/TS)

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
18:00 - 18:15	From				
		A - R132 (South)	0.00	0.03	154.99
		B - Plant Access	0.10	0.00	0.10
		C - R132 (North)	89.80	0.03	0.00

Demand (Veh/TS)

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
18:15 - 18:30	From				
		A - R132 (South)	0.00	0.03	108.30
		B - Plant Access	0.10	0.00	0.10
		C - R132 (North)	119.33	0.03	0.00

Demand (Veh/TS)

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
18:30 - 18:45	From				
		A - R132 (South)	0.00	0.03	134.11
		B - Plant Access	0.10	0.00	0.10
		C - R132 (North)	89.47	0.03	0.00

Demand (Veh/TS)

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
18:45 - 19:00	From				
		A - R132 (South)	0.00	0.03	99.65
		B - Plant Access	0.10	0.00	0.10
		C - R132 (North)	78.43	0.03	0.00

Vehicle Mix

Heavy Vehicle Percentages

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
07:00 - 07:15	From				
		A - R132 (South)	0	100	4
		B - Plant Access	100	0	100
		C - R132 (North)	9	100	0

Heavy Vehicle Percentages

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
07:15 - 07:30	From				
		A - R132 (South)	0	100	12
		B - Plant Access	100	0	100
		C - R132 (North)	8	100	0

Heavy Vehicle Percentages

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
07:30 - 07:45	From				
		A - R132 (South)	0	100	2
		B - Plant Access	100	0	100
		C - R132 (North)	11	100	0

Heavy Vehicle Percentages

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
07:45 - 08:00	From				
		A - R132 (South)	0	1	14
		B - Plant Access	100	0	100
		C - R132 (North)	12	1	0

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Heavy Vehicle Percentages

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
08:00 - 08:15	From				
		A - R132 (South)	0	3	9
		B - Plant Access	100	0	100
		C - R132 (North)	7	3	0

Heavy Vehicle Percentages

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
08:15 - 08:30	From				
		A - R132 (South)	0	3	10
		B - Plant Access	100	0	100
		C - R132 (North)	5	3	0

Heavy Vehicle Percentages

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
08:30 - 08:45	From				
		A - R132 (South)	0	3	9
		B - Plant Access	100	0	100
		C - R132 (North)	5	3	0

Heavy Vehicle Percentages

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
08:45 - 09:00	From				
		A - R132 (South)	0	100	15
		B - Plant Access	100	0	100
		C - R132 (North)	10	100	0

Heavy Vehicle Percentages

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
09:00 - 09:15	From				
		A - R132 (South)	0	100	13
		B - Plant Access	100	0	100
		C - R132 (North)	8	100	0

Heavy Vehicle Percentages

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
09:15 - 09:30	From				
		A - R132 (South)	0	100	22
		B - Plant Access	100	0	100
		C - R132 (North)	5	100	0

Heavy Vehicle Percentages

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
09:30 - 09:45	From				
		A - R132 (South)	0	100	13
		B - Plant Access	100	0	100
		C - R132 (North)	16	100	0

Heavy Vehicle Percentages

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
09:45 - 10:00	From				
		A - R132 (South)	0	100	18
		B - Plant Access	100	0	100
		C - R132 (North)	14	100	0

Heavy Vehicle Percentages

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
10:00 - 10:15	From				
		A - R132 (South)	0	100	12
		B - Plant Access	100	0	100
		C - R132 (North)	9	100	0

Heavy Vehicle Percentages

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
10:15 - 10:30	From				
		A - R132 (South)	0	100	5
		B - Plant Access	100	0	100
		C - R132 (North)	11	100	0

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Heavy Vehicle Percentages

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
10:30 - 10:45	From				
		A - R132 (South)	0	100	15
		B - Plant Access	100	0	100
		C - R132 (North)	12	100	0

Heavy Vehicle Percentages

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
10:45 - 11:00	From				
		A - R132 (South)	0	100	5
		B - Plant Access	100	0	100
		C - R132 (North)	9	100	0

Heavy Vehicle Percentages

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
11:00 - 11:15	From				
		A - R132 (South)	0	100	7
		B - Plant Access	100	0	100
		C - R132 (North)	14	100	0

Heavy Vehicle Percentages

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
11:15 - 11:30	From				
		A - R132 (South)	0	100	16
		B - Plant Access	100	0	100
		C - R132 (North)	7	100	0

Heavy Vehicle Percentages

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
11:30 - 11:45	From				
		A - R132 (South)	0	100	12
		B - Plant Access	100	0	100
		C - R132 (North)	12	100	0

Heavy Vehicle Percentages

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
11:45 - 12:00	From				
		A - R132 (South)	0	100	8
		B - Plant Access	100	0	100
		C - R132 (North)	9	100	0

Heavy Vehicle Percentages

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
12:00 - 12:15	From				
		A - R132 (South)	0	100	21
		B - Plant Access	100	0	100
		C - R132 (North)	9	100	0

Heavy Vehicle Percentages

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
12:15 - 12:30	From				
		A - R132 (South)	0	100	5
		B - Plant Access	100	0	100
		C - R132 (North)	8	100	0

Heavy Vehicle Percentages

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
12:30 - 12:45	From				
		A - R132 (South)	0	100	15
		B - Plant Access	100	0	100
		C - R132 (North)	7	100	0

Heavy Vehicle Percentages

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
12:45 - 13:00	From				
		A - R132 (South)	0	100	4
		B - Plant Access	100	0	100
		C - R132 (North)	9	100	0

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Heavy Vehicle Percentages

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
13:00 - 13:15	From				
		A - R132 (South)	0	100	2
		B - Plant Access	100	0	100
		C - R132 (North)	14	100	0

Heavy Vehicle Percentages

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
13:15 - 13:30	From				
		A - R132 (South)	0	100	9
		B - Plant Access	100	0	100
		C - R132 (North)	6	100	0

Heavy Vehicle Percentages

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
13:30 - 13:45	From				
		A - R132 (South)	0	100	5
		B - Plant Access	100	0	100
		C - R132 (North)	7	100	0

Heavy Vehicle Percentages

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
13:45 - 14:00	From				
		A - R132 (South)	0	100	5
		B - Plant Access	100	0	100
		C - R132 (North)	12	100	0

Heavy Vehicle Percentages

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
14:00 - 14:15	From				
		A - R132 (South)	0	100	11
		B - Plant Access	100	0	100
		C - R132 (North)	12	100	0

Heavy Vehicle Percentages

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
14:15 - 14:30	From				
		A - R132 (South)	0	100	17
		B - Plant Access	100	0	100
		C - R132 (North)	14	100	0

Heavy Vehicle Percentages

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
14:30 - 14:45	From				
		A - R132 (South)	0	100	8
		B - Plant Access	100	0	100
		C - R132 (North)	9	100	0

Heavy Vehicle Percentages

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
14:45 - 15:00	From				
		A - R132 (South)	0	100	16
		B - Plant Access	100	0	100
		C - R132 (North)	8	100	0

Heavy Vehicle Percentages

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
15:00 - 15:15	From				
		A - R132 (South)	0	100	10
		B - Plant Access	100	0	100
		C - R132 (North)	21	100	0

Heavy Vehicle Percentages

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
15:15 - 15:30	From				
		A - R132 (South)	0	100	9
		B - Plant Access	100	0	100
		C - R132 (North)	12	100	0

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Heavy Vehicle Percentages

		To		
		A - R132 (South)	B - Plant Access	C - R132 (North)
15:30 - 15:45	From			
		A - R132 (South)	0	100
		B - Plant Access	100	0
		C - R132 (North)	13	100

Heavy Vehicle Percentages

		To		
		A - R132 (South)	B - Plant Access	C - R132 (North)
15:45 - 16:00	From			
		A - R132 (South)	0	100
		B - Plant Access	100	0
		C - R132 (North)	14	100

Heavy Vehicle Percentages

		To		
		A - R132 (South)	B - Plant Access	C - R132 (North)
16:00 - 16:15	From			
		A - R132 (South)	0	100
		B - Plant Access	100	0
		C - R132 (North)	10	100

Heavy Vehicle Percentages

		To		
		A - R132 (South)	B - Plant Access	C - R132 (North)
16:15 - 16:30	From			
		A - R132 (South)	0	100
		B - Plant Access	100	0
		C - R132 (North)	4	100

Heavy Vehicle Percentages

		To		
		A - R132 (South)	B - Plant Access	C - R132 (North)
16:30 - 16:45	From			
		A - R132 (South)	0	100
		B - Plant Access	100	0
		C - R132 (North)	10	100

Heavy Vehicle Percentages

		To		
		A - R132 (South)	B - Plant Access	C - R132 (North)
16:45 - 17:00	From			
		A - R132 (South)	0	100
		B - Plant Access	100	0
		C - R132 (North)	8	100

Heavy Vehicle Percentages

		To		
		A - R132 (South)	B - Plant Access	C - R132 (North)
17:00 - 17:15	From			
		A - R132 (South)	0	100
		B - Plant Access	2	0
		C - R132 (North)	5	100

Heavy Vehicle Percentages

		To		
		A - R132 (South)	B - Plant Access	C - R132 (North)
17:15 - 17:30	From			
		A - R132 (South)	0	100
		B - Plant Access	2	0
		C - R132 (North)	4	100

Heavy Vehicle Percentages

		To		
		A - R132 (South)	B - Plant Access	C - R132 (North)
17:30 - 17:45	From			
		A - R132 (South)	0	100
		B - Plant Access	2	0
		C - R132 (North)	0	100

Heavy Vehicle Percentages

		To		
		A - R132 (South)	B - Plant Access	C - R132 (North)
17:45 - 18:00	From			
		A - R132 (South)	0	100
		B - Plant Access	2	0
		C - R132 (North)	6	100

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Heavy Vehicle Percentages

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
18:00 - 18:15	From				
		A - R132 (South)	0	100	5
		B - Plant Access	100	0	100
		C - R132 (North)	3	100	0

Heavy Vehicle Percentages

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
18:15 - 18:30	From				
		A - R132 (South)	0	100	6
		B - Plant Access	100	0	100
		C - R132 (North)	6	100	0

Heavy Vehicle Percentages

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
18:30 - 18:45	From				
		A - R132 (South)	0	100	3
		B - Plant Access	100	0	100
		C - R132 (North)	2	100	0

Heavy Vehicle Percentages

		To			
		A - R132 (South)	B - Plant Access	C - R132 (North)	
18:45 - 19:00	From				
		A - R132 (South)	0	100	5
		B - Plant Access	100	0	100
		C - R132 (North)	0	100	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (Veh)	Max LOS	Average Demand (Veh/TS)	Total Junction Arrivals (Veh)
B-C	0.13	14.61	0.1	B	1.33	64.00
B-A	0.20	25.11	0.2	D	1.33	64.00
C-AB	0.12	15.66	0.2	C	1.55	74.20
C-A					115.05	5522.18
A-B					1.33	64.00
A-C					103.00	4943.78

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	0.01	0.01	84.53	0.000	0.01	0.0	0.0	10.647	B
B-A	0.01	0.01	59.33	0.000	0.01	0.0	0.0	15.170	C
C-AB	0.19	0.19	80.15	0.002	0.19	0.0	0.0	11.255	B
C-A	114.05	114.05			114.05				
A-B	0.18	0.18			0.18				
A-C	35.99	35.99			35.99				

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	0.01	0.01	82.00	0.000	0.01	0.0	0.0	10.976	B
B-A	0.01	0.01	52.57	0.000	0.01	0.0	0.0	17.122	C
C-AB	0.20	0.20	81.11	0.002	0.20	0.0	0.0	11.205	B
C-A	163.44	163.44			163.44				
A-B	0.18	0.18			0.18				
A-C	50.07	50.07			50.07				

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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	0.01	0.01	80.67	0.000	0.01	0.0	0.0	11.156	B
B-A	0.01	0.01	47.56	0.000	0.01	0.0	0.0	18.926	C
C-AB	0.21	0.21	81.68	0.003	0.21	0.0	0.0	11.097	B
C-A	200.77	200.77			200.77				
A-B	0.18	0.18			0.18				
A-C	64.51	64.51			64.51				

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	0.01	0.01	78.48	0.000	0.01	0.0	0.0	11.469	B
B-A	0.01	0.01	46.34	0.000	0.01	0.0	0.0	19.424	C
C-AB	17.34	17.34	153.78	0.113	17.20	0.0	0.1	6.657	A
C-A	156.37	156.37			156.37				
A-B	15.18	15.18			15.18				
A-C	67.38	67.38			67.38				

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	0.03	0.03	76.07	0.000	0.02	0.0	0.0	11.835	B
B-A	0.03	0.03	43.00	0.001	0.02	0.0	0.0	20.943	C
C-AB	17.97	17.97	150.50	0.119	17.96	0.1	0.2	6.761	A
C-A	171.26	171.26			171.26				
A-B	15.41	15.41			15.41				
A-C	87.25	87.25			87.25				

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	0.03	0.03	75.60	0.000	0.03	0.0	0.0	11.908	B
B-A	0.03	0.03	40.91	0.001	0.02	0.0	0.0	22.010	C
C-AB	18.42	18.42	153.00	0.120	18.41	0.2	0.2	6.697	A
C-A	193.06	193.06			193.06				
A-B	15.41	15.41			15.41				
A-C	88.77	88.77			88.77				

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	0.03	0.03	78.91	0.000	0.03	0.0	0.0	11.408	B
B-A	0.03	0.03	46.90	0.001	0.03	0.0	0.0	19.199	C
C-AB	17.76	17.76	154.15	0.115	17.77	0.2	0.2	6.608	A
C-A	164.52	164.52			164.52				
A-B	15.41	15.41			15.41				
A-C	66.71	66.71			66.71				

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	0.03	0.03	77.32	0.000	0.03	0.0	0.0	11.643	B
B-A	0.03	0.03	46.58	0.001	0.03	0.0	0.0	19.329	C
C-AB	0.41	0.41	79.10	0.006	0.56	0.2	0.0	6.934	A
C-A	176.02	176.02			176.02				
A-B	0.41	0.41			0.41				
A-C	78.75	78.75			78.75				

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	0.03	0.03	78.82	0.000	0.03	0.0	0.0	11.423	B
B-A	0.03	0.03	52.75	0.001	0.03	0.0	0.0	17.073	C
C-AB	0.07	0.07	74.77	0.001	0.07	0.0	0.0	12.266	B
C-A	127.13	127.13			127.13				
A-B	0.06	0.06			0.06				
A-C	70.95	70.95			70.95				

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	0.03	0.03	77.27	0.000	0.03	0.0	0.0	11.652	B
B-A	0.03	0.03	51.96	0.001	0.03	0.0	0.0	17.330	C
C-AB	0.07	0.07	72.01	0.001	0.07	0.0	0.0	12.514	B
C-A	122.56	122.56			122.56				
A-B	0.06	0.06			0.06				
A-C	75.01	75.01			75.01				

09:30 - 09:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.03	0.03	80.48	0.000	0.03	0.0	0.0	11.188	B
B-A	0.03	0.03	53.87	0.001	0.03	0.0	0.0	16.717	C
C-AB	0.07	0.07	74.66	0.001	0.07	0.0	0.0	12.042	B
C-A	124.40	124.40			124.40				
A-B	0.06	0.06			0.06				
A-C	59.91	59.91			59.91				

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	0.03	0.03	81.50	0.000	0.03	0.0	0.0	11.047	B
B-A	0.03	0.03	55.48	0.001	0.03	0.0	0.0	16.234	C
C-AB	0.07	0.07	75.52	0.001	0.07	0.0	0.0	11.925	B
C-A	120.16	120.16			120.16				
A-B	0.06	0.06			0.06				
A-C	50.74	50.74			50.74				

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	0.04	0.04	77.89	0.001	0.04	0.0	0.0	11.560	B
B-A	0.04	0.04	52.79	0.001	0.04	0.0	0.0	17.063	C
C-AB	0.05	0.05	71.82	0.001	0.05	0.0	0.0	12.536	B
C-A	115.25	115.25			115.25				
A-B	0.05	0.05			0.05				
A-C	78.08	78.08			78.08				

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	0.04	0.04	80.12	0.001	0.04	0.0	0.0	11.238	B
B-A	0.04	0.04	57.74	0.001	0.04	0.0	0.0	15.599	C
C-AB	0.05	0.05	72.75	0.001	0.05	0.0	0.0	12.342	B
C-A	84.02	84.02			84.02				
A-B	0.05	0.05			0.05				
A-C	67.22	67.22			67.22				

10:30 - 10:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.04	0.04	78.90	0.001	0.04	0.0	0.0	11.412	B
B-A	0.04	0.04	53.59	0.001	0.04	0.0	0.0	16.808	C
C-AB	0.05	0.05	72.89	0.001	0.05	0.0	0.0	12.387	B
C-A	114.74	114.74			114.74				
A-B	0.05	0.05			0.05				
A-C	68.91	68.91			68.91				

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	0.04	0.04	80.59	0.001	0.04	0.0	0.0	11.174	B
B-A	0.04	0.04	56.34	0.001	0.04	0.0	0.0	15.986	C
C-AB	0.05	0.05	73.93	0.001	0.05	0.0	0.0	12.174	B
C-A	106.60	106.60			106.60				
A-B	0.05	0.05			0.05				
A-C	63.66	63.66			63.66				

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	0.04	0.04	77.59	0.001	0.04	0.0	0.0	11.605	B
B-A	0.04	0.04	52.74	0.001	0.04	0.0	0.0	17.079	C
C-AB	0.03	0.03	70.48	0.000	0.03	0.0	0.0	12.740	B
C-A	107.94	107.94			107.94				
A-B	0.03	0.03			0.03				
A-C	83.35	83.35			83.35				

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	0.04	0.04	76.50	0.001	0.04	0.0	0.0	11.770	B
B-A	0.04	0.04	53.68	0.001	0.04	0.0	0.0	16.778	C
C-AB	0.03	0.03	69.41	0.000	0.03	0.0	0.0	12.967	B
C-A	92.85	92.85			92.85				
A-B	0.03	0.03			0.03				
A-C	83.84	83.84			83.84				

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	0.04	0.04	76.37	0.001	0.04	0.0	0.0	11.790	B
B-A	0.04	0.04	51.94	0.001	0.04	0.0	0.0	17.341	C
C-AB	0.03	0.03	69.61	0.000	0.03	0.0	0.0	12.942	B
C-A	106.08	106.08			106.08				
A-B	0.03	0.03			0.03				
A-C	87.92	87.92			87.92				

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	0.04	0.04	78.68	0.001	0.04	0.0	0.0	11.446	B
B-A	0.04	0.04	56.09	0.001	0.04	0.0	0.0	16.060	C
C-AB	0.03	0.03	71.16	0.000	0.03	0.0	0.0	12.637	B
C-A	88.44	88.44			88.44				
A-B	0.03	0.03			0.03				
A-C	75.03	75.03			75.03				

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	0.09	0.09	76.50	0.001	0.09	0.0	0.0	11.778	B
B-A	0.09	0.09	53.01	0.002	0.09	0.0	0.0	17.004	C
C-AB	0.07	0.07	70.69	0.001	0.07	0.0	0.0	12.773	B
C-A	97.09	97.09			97.09				
A-B	0.06	0.06			0.06				
A-C	80.95	80.95			80.95				

12:15 - 12:30

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.09	0.09	77.65	0.001	0.09	0.0	0.0	11.602	B
B-A	0.09	0.09	53.33	0.002	0.09	0.0	0.0	16.904	C
C-AB	0.07	0.07	71.94	0.001	0.07	0.0	0.0	12.535	B
C-A	107.78	107.78			107.78				
A-B	0.06	0.06			0.06				
A-C	84.20	84.20			84.20				

12:30 - 12:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.09	0.09	75.70	0.001	0.09	0.0	0.0	11.902	B
B-A	0.09	0.09	55.10	0.002	0.09	0.0	0.0	16.361	C
C-AB	0.07	0.07	68.71	0.001	0.07	0.0	0.0	13.068	B
C-A	67.56	67.56			67.56				
A-B	0.06	0.06			0.06				
A-C	89.78	89.78			89.78				

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	0.09	0.09	74.82	0.001	0.09	0.0	0.0	12.041	B
B-A	0.09	0.09	52.43	0.002	0.09	0.0	0.0	17.193	C
C-AB	0.07	0.07	68.88	0.001	0.07	0.0	0.0	13.104	B
C-A	86.06	86.06			86.06				
A-B	0.06	0.06			0.06				
A-C	105.59	105.59			105.59				

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	0.07	0.07	77.04	0.001	0.07	0.0	0.0	11.692	B
B-A	0.07	0.07	53.16	0.001	0.07	0.0	0.0	16.954	C
C-AB	0.06	0.06	70.91	0.001	0.06	0.0	0.0	12.703	B
C-A	98.10	98.10			98.10				
A-B	0.06	0.06			0.06				
A-C	91.84	91.84			91.84				

13:15 - 13:30

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.07	0.07	74.40	0.001	0.07	0.0	0.0	12.108	B
B-A	0.07	0.07	51.29	0.001	0.07	0.0	0.0	17.573	C
C-AB	0.06	0.06	68.65	0.001	0.06	0.0	0.0	13.134	B
C-A	96.42	96.42			96.42				
A-B	0.06	0.06			0.06				
A-C	104.22	104.22			104.22				

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	0.07	0.07	75.61	0.001	0.07	0.0	0.0	11.916	B
B-A	0.07	0.07	51.26	0.001	0.07	0.0	0.0	17.583	C
C-AB	0.06	0.06	70.09	0.001	0.06	0.0	0.0	12.863	B
C-A	109.82	109.82			109.82				
A-B	0.06	0.06			0.06				
A-C	99.65	99.65			99.65				

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	0.07	0.07	77.18	0.001	0.07	0.0	0.0	11.673	B
B-A	0.07	0.07	51.91	0.001	0.07	0.0	0.0	17.362	C
C-AB	0.06	0.06	71.49	0.001	0.06	0.0	0.0	12.592	B
C-A	114.74	114.74			114.74				
A-B	0.06	0.06			0.06				
A-C	87.76	87.76			87.76				

14:00 - 14:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.05	0.05	77.36	0.001	0.05	0.0	0.0	11.639	B
B-A	0.05	0.05	52.24	0.001	0.05	0.0	0.0	17.246	C
C-AB	0.05	0.05	71.40	0.001	0.05	0.0	0.0	12.606	B
C-A	113.55	113.55			113.55				
A-B	0.05	0.05			0.05				
A-C	81.64	81.64			81.64				

14:15 - 14:30

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.05	0.05	70.22	0.001	0.05	0.0	0.0	12.824	B
B-A	0.05	0.05	47.22	0.001	0.05	0.0	0.0	19.079	C
C-AB	0.05	0.05	64.52	0.001	0.05	0.0	0.0	13.946	B
C-A	89.44	89.44			89.44				
A-B	0.05	0.05			0.05				
A-C	123.55	123.55			123.55				

14:30 - 14:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.05	0.05	73.76	0.001	0.05	0.0	0.0	12.210	B
B-A	0.05	0.05	48.34	0.001	0.05	0.0	0.0	18.635	C
C-AB	0.05	0.05	68.69	0.001	0.05	0.0	0.0	13.148	B
C-A	120.01	120.01			120.01				
A-B	0.05	0.05			0.05				
A-C	108.98	108.98			108.98				

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	0.05	0.05	71.97	0.001	0.05	0.0	0.0	12.513	B
B-A	0.05	0.05	47.01	0.001	0.05	0.0	0.0	19.164	C
C-AB	0.05	0.05	66.87	0.001	0.05	0.0	0.0	13.471	B
C-A	116.10	116.10			116.10				
A-B	0.05	0.05			0.05				
A-C	113.37	113.37			113.37				

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	0.10	0.10	71.39	0.001	0.10	0.0	0.0	12.623	B
B-A	0.10	0.10	46.76	0.002	0.10	0.0	0.0	19.289	C
C-AB	0.02	0.02	64.29	0.000	0.02	0.0	0.0	13.889	B
C-A	99.79	99.79			99.79				
A-B	0.02	0.02			0.02				
A-C	123.91	123.91			123.91				

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	0.10	0.10	72.39	0.001	0.10	0.0	0.0	12.448	B
B-A	0.10	0.10	48.14	0.002	0.10	0.0	0.0	18.733	C
C-AB	0.02	0.02	65.87	0.000	0.02	0.0	0.0	13.677	B
C-A	104.89	104.89			104.89				
A-B	0.02	0.02			0.02				
A-C	117.63	117.63			117.63				

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	0.10	0.10	72.46	0.001	0.10	0.0	0.0	12.436	B
B-A	0.10	0.10	47.11	0.002	0.10	0.0	0.0	19.144	C
C-AB	0.02	0.02	66.09	0.000	0.02	0.0	0.0	13.630	B
C-A	115.07	115.07			115.07				
A-B	0.02	0.02			0.02				
A-C	115.59	115.59			115.59				

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	0.10	0.10	72.51	0.001	0.10	0.0	0.0	12.429	B
B-A	0.10	0.10	45.87	0.002	0.10	0.0	0.0	19.663	C
C-AB	0.02	0.02	66.36	0.000	0.02	0.0	0.0	13.573	B
C-A	127.63	127.63			127.63				
A-B	0.02	0.02			0.02				
A-C	110.66	110.66			110.66				

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	0.16	0.16	66.17	0.002	0.16	0.0	0.0	13.632	B
B-A	0.16	0.16	42.31	0.004	0.16	0.0	0.0	21.350	C
C-AB	0.03	0.03	60.81	0.001	0.03	0.0	0.0	14.819	B
C-A	102.18	102.18			102.18				
A-B	0.03	0.03			0.03				
A-C	166.02	166.02			166.02				

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	0.16	0.16	66.98	0.002	0.16	0.0	0.0	13.467	B
B-A	0.16	0.16	43.57	0.004	0.16	0.0	0.0	20.728	C
C-AB	0.03	0.03	61.53	0.001	0.03	0.0	0.0	14.642	B
C-A	103.21	103.21			103.21				
A-B	0.03	0.03			0.03				
A-C	155.14	155.14			155.14				

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	0.16	0.16	67.09	0.002	0.16	0.0	0.0	13.444	B
B-A	0.16	0.16	43.07	0.004	0.16	0.0	0.0	20.974	C
C-AB	0.03	0.03	61.60	0.001	0.03	0.0	0.0	14.612	B
C-A	104.56	104.56			104.56				
A-B	0.03	0.03			0.03				
A-C	158.89	158.89			158.89				

16:45 - 17:00

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.16	0.16	61.75	0.003	0.16	0.0	0.0	14.610	B
B-A	0.16	0.16	36.00	0.004	0.16	0.0	0.0	25.107	D
C-AB	0.03	0.03	57.69	0.001	0.03	0.0	0.0	15.656	C
C-A	125.95	125.95			125.95				
A-B	0.03	0.03			0.03				
A-C	191.47	191.47			191.47				

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	15.28	15.28	124.82	0.122	15.14	0.0	0.1	8.286	A
B-A	15.28	15.28	85.52	0.179	15.06	0.0	0.2	12.885	B
C-AB	0.02	0.02	59.91	0.000	0.02	0.0	0.0	14.928	B
C-A	96.08	96.08			96.08				
A-B	0.02	0.02			0.02				
A-C	165.68	165.68			165.68				

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	15.28	15.28	119.70	0.128	15.27	0.1	0.1	8.618	A
B-A	15.28	15.28	79.15	0.193	15.26	0.2	0.2	14.080	B
C-AB	0.02	0.02	58.45	0.000	0.02	0.0	0.0	15.420	C
C-A	106.78	106.78			106.78				
A-B	0.02	0.02			0.02				
A-C	188.44	188.44			188.44				

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	15.28	15.28	118.80	0.129	15.27	0.1	0.1	8.693	A
B-A	15.28	15.28	81.49	0.187	15.28	0.2	0.2	13.596	B
C-AB	0.02	0.02	57.57	0.000	0.02	0.0	0.0	15.625	C
C-A	90.32	90.32			90.32				
A-B	0.02	0.02			0.02				
A-C	191.15	191.15			191.15				

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	15.28	15.28	118.18	0.129	15.27	0.1	0.1	8.745	A
B-A	15.28	15.28	78.14	0.195	15.27	0.2	0.2	14.311	B
C-AB	0.02	0.02	57.67	0.000	0.02	0.0	0.0	15.616	C
C-A	102.36	102.36			102.36				
A-B	0.02	0.02			0.02				
A-C	186.56	186.56			186.56				

18:00 - 18:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.10	0.10	92.84	0.002	0.25	0.1	0.0	7.030	A
B-A	0.10	0.10	71.78	0.002	0.34	0.2	0.0	9.876	A
C-AB	0.03	0.03	61.88	0.000	0.03	0.0	0.0	14.554	B
C-A	89.80	89.80			89.80				
A-B	0.03	0.03			0.03				
A-C	154.99	154.99			154.99				

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	0.10	0.10	74.28	0.001	0.10	0.0	0.0	12.132	B
B-A	0.10	0.10	49.13	0.002	0.10	0.0	0.0	18.357	C
C-AB	0.03	0.03	68.09	0.000	0.03	0.0	0.0	13.234	B
C-A	119.33	119.33			119.33				
A-B	0.03	0.03			0.03				
A-C	108.30	108.30			108.30				

18:30 - 18:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	0.10	0.10	71.02	0.001	0.10	0.0	0.0	12.689	B
B-A	0.10	0.10	48.93	0.002	0.10	0.0	0.0	18.431	C
C-AB	0.03	0.03	64.53	0.000	0.03	0.0	0.0	13.934	B
C-A	89.46	89.46			89.46				
A-B	0.03	0.03			0.03				
A-C	134.11	134.11			134.11				

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	0.10	0.10	75.60	0.001	0.10	0.0	0.0	11.923	B
B-A	0.10	0.10	54.51	0.002	0.10	0.0	0.0	16.544	C
C-AB	0.03	0.03	68.28	0.000	0.03	0.0	0.0	13.168	B
C-A	78.43	78.43			78.43				
A-B	0.03	0.03			0.03				
A-C	99.65	99.65			99.65				