Junctions 9

PICADY 9 - Priority Intersection Module

Filename: Junction 1 - L8021-Local Road.j9
Path: W:\2022\P22-013\Modelling
Report generation date: 29/06/2022 15:34:01

Summary of junction performance

	12hrs			
	Queue (Veh)	Delay (s)	RFC	LOS
	Op Year			
Stream B-C	0.1	7.79	0.09	A
Stream B-A	0.1	15.07	0.08	C
Stream C-AB	0.1	7.22	0.13	A
	Op Year +5			
Stream B-C	0.1	7.94	0.10	A
Stream B-A	0.1	15.19	0.09	C
Stream C-AB	0.2	7.34	0.14	A
	Op Year +15			
Stream B-C	0.1	8.15	0.12	A
Stream B-A	0.1	15.31	0.11	C
Stream C-AB	0.2	7.52	0.16	A
	Op Year + Dev			
Stream B-C	0.1	7.79	0.09	A
Stream B-A	0.1	15.07	0.09	C
Stream C-AB	0.2	7.22	0.14	A
	Op Year +5 + Dev			
Stream B-C	0.1	7.94	0.10	A
Stream B-A	0.1	15.19	0.10	C
Stream C-AB	0.2	7.34	0.15	A
	Op Year +15 + Dev			
Stream B-C	0.1	8.15	0.12	A
Stream B-A	0.1	15.31	0.11	C
Stream C-AB	0.2	7.52	0.17	A

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

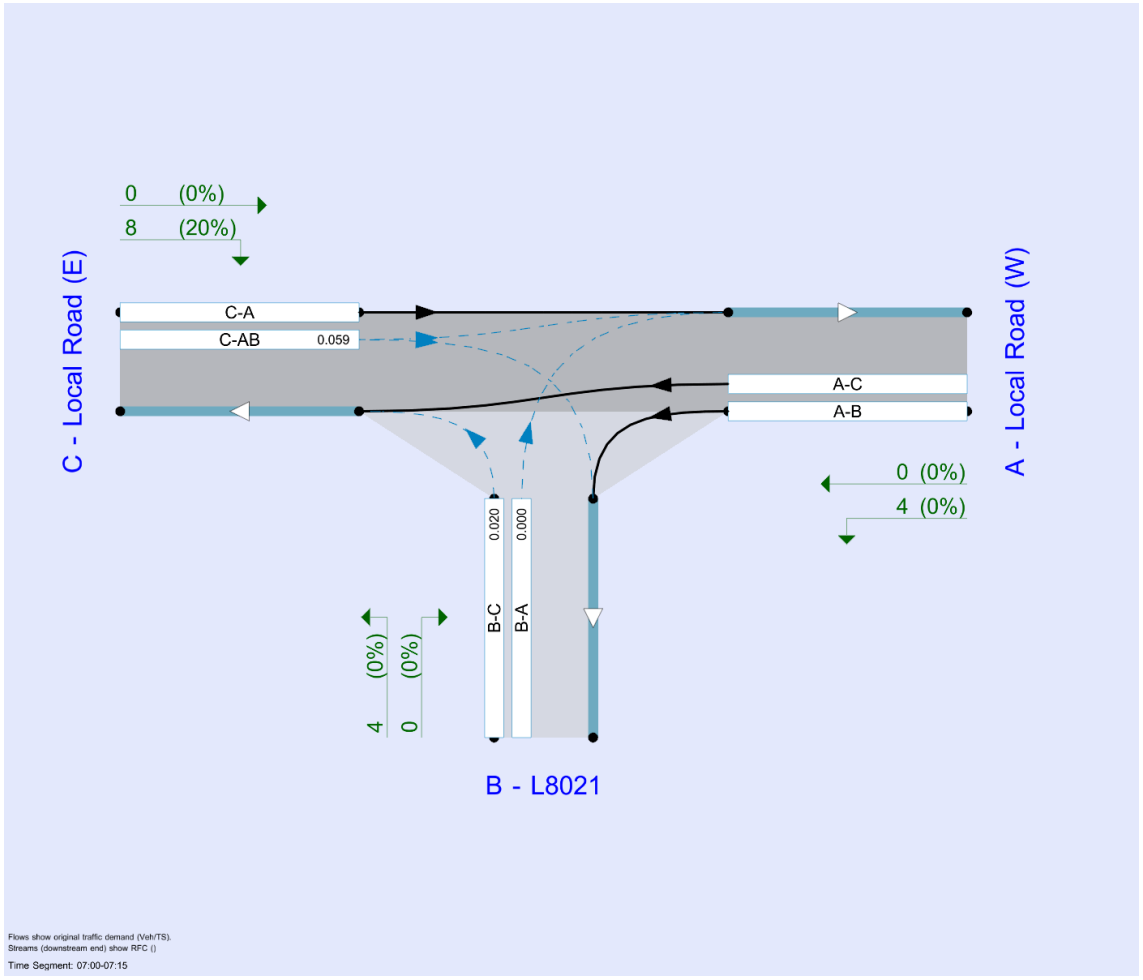
File summary

File Description

Title	
Location	
Site number	
Date	03/02/2022
Version	
Status	(new file)
Identifier	
Client	
Jobnumber	
Enumerator	PMCE\farnanr
Description	

Units

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



The junction diagram reflects the last run of Junctions.

Analysis Options

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

Analysis Set Details

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

Demand Set Details

ID	Scenario name	Time Period name	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time period length (min)	Time segment length (min)	Run automatically	Relationship type	Relationship
D10	Op Year +15 + Dev	12hrs	DIRECT	07:00	19:00	720	15	✓	Simple	D5 + D6

Op Year +15 + Dev, 12hrs

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Major road direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	L8021 / Local Road	T-Junction	Two-way		7.36	A

Junction Network Options

Driving side	Lighting
Left	Normal/unknown

Arms

Arms

Arm	Name	Description	Arm type
A	Local Road (W)		Major
B	L8021		Minor
C	Local Road (E)		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 - Local Road (E)	6.00			70.0	✓	0.00

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

Minor Arm Geometry

Arm	Minor arm type	Width at give-way (m)	Width at 5m (m)	Width at 10m (m)	Width at 15m (m)	Width at 20m (m)	Estimate flare length	Flare length (PCU)	Visibility to left (m)	Visibility to right (m)
B - L8021	One lane plus flare	5.50	5.00	4.50	3.00	3.00		1.00	20	20

Slope / Intercept / Capacity

Priority Intersection Slopes and Intercepts

Junction	Stream	Intercept (Veh/TS)	Slope for A-B	Slope for A-C	Slope for C-A	Slope for C-B
1	B-A	88.454	0.064	0.163	0.102	0.233
1	B-C	176.657	0.108	0.274	-	-
1	C-B	153.625	0.238	0.238	-	-

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

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 - Local Road (W)		DIRECT	✓	100.000
B - L8021		DIRECT	✓	100.000
C - Local Road (E)		DIRECT	✓	100.000

Origin-Destination Data

07:00 - 07:15

Demand (Veh/TS)

		To		
		A - Local Road (W)	B - L8021	C - Local Road (E)
From	A - Local Road (W)	0.00	3.60	0.00
	B - L8021	0.00	0.00	3.60
	C - Local Road (E)	0.00	7.52	0.00

07:15 - 07:30

Demand (Veh/TS)

		To		
		A - Local Road (W)	B - L8021	C - Local Road (E)
From	A - Local Road (W)	0.00	2.40	0.00
	B - L8021	2.72	0.00	1.20
	C - Local Road (E)	0.00	6.00	0.00

07:30 - 07:45

Demand (Veh/TS)

		To		
		A - Local Road (W)	B - L8021	C - Local Road (E)
From	A - Local Road (W)	0.00	4.80	0.00
	B - L8021	2.40	0.00	1.20
	C - Local Road (E)	0.00	9.61	0.00

07:45 - 08:00

Demand (Veh/TS)

		To		
		A - Local Road (W)	B - L8021	C - Local Road (E)
From	A - Local Road (W)	0.00	5.28	3.60
	B - L8021	3.60	0.00	6.00
	C - Local Road (E)	1.20	23.83	0.00

08:00 - 08:15

Demand (Veh/TS)

		To		
		A - Local Road (W)	B - L8021	C - Local Road (E)
From	A - Local Road (W)	0.00	4.08	0.00
	B - L8021	5.44	0.00	8.40
	C - Local Road (E)	0.00	13.91	0.00

08:15 - 08:30

Demand (Veh/TS)

		To		
		A - Local Road (W)	B - L8021	C - Local Road (E)
From	A - Local Road (W)	0.00	7.68	1.20
	B - L8021	1.20	0.00	7.20
	C - Local Road (E)	0.00	15.11	0.00

08:30 - 08:45

Demand (Veh/TS)

		To		
		A - Local Road (W)	B - L8021	C - Local Road (E)
From	A - Local Road (W)	0.00	10.40	2.40
	B - L8021	3.92	0.00	3.60
	C - Local Road (E)	1.20	15.11	0.00

08:45 - 09:00

Demand (Veh/TS)

		To		
		A - Local Road (W)	B - L8021	C - Local Road (E)
From	A - Local Road (W)	0.00	5.12	1.20
	B - L8021	0.00	0.00	6.00
	C - Local Road (E)	1.20	9.61	0.00

09:00 - 09:15

Demand (Veh/TS)

		To		
		A - Local Road (W)	B - L8021	C - Local Road (E)
From	A - Local Road (W)	0.00	5.12	2.40
	B - L8021	1.52	0.00	6.00
	C - Local Road (E)	0.00	10.81	0.00

09:15 - 09:30

Demand (Veh/TS)

		To		
		A - Local Road (W)	B - L8021	C - Local Road (E)
From	A - Local Road (W)	0.00	4.80	1.20
	B - L8021	5.12	0.00	7.52
	C - Local Road (E)	1.20	12.01	0.00

09:30 - 09:45

Demand (Veh/TS)

		To		
		A - Local Road (W)	B - L8021	C - Local Road (E)
From	A - Local Road (W)	0.00	2.40	0.00
	B - L8021	1.20	0.00	3.92
	C - Local Road (E)	1.20	15.61	0.00

09:45 - 10:00

Demand (Veh/TS)

		To		
		A - Local Road (W)	B - L8021	C - Local Road (E)
From	A - Local Road (W)	0.00	5.12	1.20
	B - L8021	2.40	0.00	5.12
	C - Local Road (E)	0.00	12.01	0.00

10:00 - 10:15

Demand (Veh/TS)

		To		
		A - Local Road (W)	B - L8021	C - Local Road (E)
From	A - Local Road (W)	0.00	3.92	1.20
	B - L8021	3.60	0.00	6.00
	C - Local Road (E)	1.20	9.61	0.00

10:15 - 10:30

Demand (Veh/TS)

		To		
		A - Local Road (W)	B - L8021	C - Local Road (E)
From	A - Local Road (W)	0.00	1.20	0.00
	B - L8021	2.40	0.00	3.60
	C - Local Road (E)	0.00	6.00	0.00

10:30 - 10:45

Demand (Veh/TS)

		To		
		A - Local Road (W)	B - L8021	C - Local Road (E)
From	A - Local Road (W)	0.00	3.60	0.00
	B - L8021	1.20	0.00	7.20
	C - Local Road (E)	1.20	6.00	0.00

10:45 - 11:00

Demand (Veh/TS)

		To		
		A - Local Road (W)	B - L8021	C - Local Road (E)
From	A - Local Road (W)	0.00	0.00	2.40
	B - L8021	3.03	0.00	3.60
	C - Local Road (E)	0.00	7.52	0.00

11:00 - 11:15

Demand (Veh/TS)

		To		
		A - Local Road (W)	B - L8021	C - Local Road (E)
From	A - Local Road (W)	0.00	3.92	0.00
	B - L8021	2.72	0.00	6.00
	C - Local Road (E)	1.20	4.80	0.00

11:15 - 11:30

Demand (Veh/TS)

		To		
		A - Local Road (W)	B - L8021	C - Local Road (E)
From	A - Local Road (W)	0.00	2.40	0.00
	B - L8021	2.40	0.00	4.80
	C - Local Road (E)	2.72	6.00	0.00

11:30 - 11:45

Demand (Veh/TS)

		To		
		A - Local Road (W)	B - L8021	C - Local Road (E)
From	A - Local Road (W)	0.00	3.92	1.20
	B - L8021	2.72	0.00	7.20
	C - Local Road (E)	0.00	4.80	0.00

11:45 - 12:00

Demand (Veh/TS)

		To		
		A - Local Road (W)	B - L8021	C - Local Road (E)
From	A - Local Road (W)	0.00	3.92	1.20
	B - L8021	1.20	0.00	4.80
	C - Local Road (E)	0.00	9.61	0.00

12:00 - 12:15

Demand (Veh/TS)

		To		
		A - Local Road (W)	B - L8021	C - Local Road (E)
From	A - Local Road (W)	0.00	2.72	0.00
	B - L8021	5.12	0.00	3.60
	C - Local Road (E)	0.00	6.00	0.00

12:15 - 12:30

Demand (Veh/TS)

		To		
		A - Local Road (W)	B - L8021	C - Local Road (E)
From	A - Local Road (W)	0.00	3.92	0.00
	B - L8021	2.40	0.00	3.60
	C - Local Road (E)	0.00	3.60	0.00

12:30 - 12:45

Demand (Veh/TS)

		To		
		A - Local Road (W)	B - L8021	C - Local Road (E)
From	A - Local Road (W)	0.00	1.20	0.00
	B - L8021	2.40	0.00	2.40
	C - Local Road (E)	0.00	7.20	0.00

12:45 - 13:00

Demand (Veh/TS)

		To		
		A - Local Road (W)	B - L8021	C - Local Road (E)
From	A - Local Road (W)	0.00	5.12	0.00
	B - L8021	1.52	0.00	1.20
	C - Local Road (E)	3.03	2.40	0.00

13:00 - 13:15

Demand (Veh/TS)

		To		
		A - Local Road (W)	B - L8021	C - Local Road (E)
From	A - Local Road (W)	0.00	4.80	0.00
	B - L8021	3.60	0.00	3.60
	C - Local Road (E)	0.00	6.00	0.00

13:15 - 13:30

Demand (Veh/TS)

		To		
		A - Local Road (W)	B - L8021	C - Local Road (E)
From	A - Local Road (W)	0.00	5.44	0.00
	B - L8021	3.60	0.00	15.61
	C - Local Road (E)	0.00	8.40	0.00

13:30 - 13:45

Demand (Veh/TS)

		To		
		A - Local Road (W)	B - L8021	C - Local Road (E)
From	A - Local Road (W)	0.00	2.40	0.00
	B - L8021	1.20	0.00	9.61
	C - Local Road (E)	0.00	6.00	0.00

13:45 - 14:00

Demand (Veh/TS)

		To		
		A - Local Road (W)	B - L8021	C - Local Road (E)
From	A - Local Road (W)	0.00	2.40	1.20
	B - L8021	3.60	0.00	8.40
	C - Local Road (E)	0.00	8.72	0.00

14:00 - 14:15

Demand (Veh/TS)

		To		
		A - Local Road (W)	B - L8021	C - Local Road (E)
From	A - Local Road (W)	0.00	1.20	1.20
	B - L8021	5.12	0.00	5.12
	C - Local Road (E)	2.40	12.32	0.00

14:15 - 14:30

Demand (Veh/TS)

		To		
		A - Local Road (W)	B - L8021	C - Local Road (E)
From	A - Local Road (W)	0.00	2.72	0.00
	B - L8021	1.20	0.00	3.60
	C - Local Road (E)	0.00	4.80	0.00

14:30 - 14:45

Demand (Veh/TS)

		To		
		A - Local Road (W)	B - L8021	C - Local Road (E)
From	A - Local Road (W)	0.00	1.20	0.00
	B - L8021	6.00	0.00	8.40
	C - Local Road (E)	0.00	9.92	0.00

14:45 - 15:00

Demand (Veh/TS)

		To		
		A - Local Road (W)	B - L8021	C - Local Road (E)
From	A - Local Road (W)	0.00	2.40	0.00
	B - L8021	2.40	0.00	4.80
	C - Local Road (E)	0.00	8.40	0.00

15:00 - 15:15

Demand (Veh/TS)

		To		
		A - Local Road (W)	B - L8021	C - Local Road (E)
From	A - Local Road (W)	0.00	2.40	0.00
	B - L8021	4.80	0.00	16.24
	C - Local Road (E)	2.40	7.20	0.00

15:15 - 15:30

Demand (Veh/TS)

		To		
		A - Local Road (W)	B - L8021	C - Local Road (E)
From	A - Local Road (W)	0.00	2.72	0.00
	B - L8021	8.15	0.00	8.72
	C - Local Road (E)	1.52	7.20	0.00

15:30 - 15:45

Demand (Veh/TS)

		To		
		A - Local Road (W)	B - L8021	C - Local Road (E)
From	A - Local Road (W)	0.00	3.60	0.00
	B - L8021	2.72	0.00	5.12
	C - Local Road (E)	0.00	8.40	0.00

15:45 - 16:00

Demand (Veh/TS)

		To		
		A - Local Road (W)	B - L8021	C - Local Road (E)
From	A - Local Road (W)	0.00	2.72	0.00
	B - L8021	6.32	0.00	3.60
	C - Local Road (E)	1.20	17.44	0.00

16:00 - 16:15

Demand (Veh/TS)

		To		
		A - Local Road (W)	B - L8021	C - Local Road (E)
From	A - Local Road (W)	0.00	3.92	1.20
	B - L8021	1.20	0.00	13.52
	C - Local Road (E)	0.00	13.21	0.00

16:15 - 16:30

Demand (Veh/TS)

		To		
		A - Local Road (W)	B - L8021	C - Local Road (E)
From	A - Local Road (W)	0.00	1.20	0.00
	B - L8021	6.32	0.00	4.80
	C - Local Road (E)	0.00	13.52	0.00

16:30 - 16:45

Demand (Veh/TS)

		To		
		A - Local Road (W)	B - L8021	C - Local Road (E)
From	A - Local Road (W)	0.00	1.20	3.60
	B - L8021	2.72	0.00	9.92
	C - Local Road (E)	1.20	7.20	0.00

16:45 - 17:00

Demand (Veh/TS)

		To		
		A - Local Road (W)	B - L8021	C - Local Road (E)
From	A - Local Road (W)	0.00	4.80	3.03
	B - L8021	9.67	0.00	15.11
	C - Local Road (E)	0.00	8.40	0.00

Demand (Veh/TS)

17:00 - 17:15

		To		
		A - Local Road (W)	B - L8021	C - Local Road (E)
From	A - Local Road (W)	0.00	3.92	0.00
	B - L8021	10.56	0.00	12.71
	C - Local Road (E)	2.40	9.92	0.00

Demand (Veh/TS)

17:15 - 17:30

		To		
		A - Local Road (W)	B - L8021	C - Local Road (E)
From	A - Local Road (W)	0.00	3.60	0.00
	B - L8021	11.76	0.00	11.82
	C - Local Road (E)	2.40	10.81	0.00

Demand (Veh/TS)

17:30 - 17:45

		To		
		A - Local Road (W)	B - L8021	C - Local Road (E)
From	A - Local Road (W)	0.00	6.00	1.20
	B - L8021	9.35	0.00	13.02
	C - Local Road (E)	1.20	11.44	0.00

Demand (Veh/TS)

17:45 - 18:00

		To		
		A - Local Road (W)	B - L8021	C - Local Road (E)
From	A - Local Road (W)	0.00	3.92	2.40
	B - L8021	3.60	0.00	6.00
	C - Local Road (E)	0.00	9.61	0.00

Demand (Veh/TS)

18:00 - 18:15

		To		
		A - Local Road (W)	B - L8021	C - Local Road (E)
From	A - Local Road (W)	0.00	2.40	0.00
	B - L8021	4.80	0.00	12.01
	C - Local Road (E)	0.00	12.01	0.00

Demand (Veh/TS)

18:15 - 18:30

		To		
		A - Local Road (W)	B - L8021	C - Local Road (E)
From	A - Local Road (W)	0.00	3.60	1.20
	B - L8021	6.00	0.00	7.20
	C - Local Road (E)	1.20	11.44	0.00

Demand (Veh/TS)

18:30 - 18:45

		To		
		A - Local Road (W)	B - L8021	C - Local Road (E)
From	A - Local Road (W)	0.00	3.60	2.40
	B - L8021	7.20	0.00	6.00
	C - Local Road (E)	2.40	1.20	0.00

18:45 - 19:00

Demand (Veh/TS)

		To		
		A - Local Road (W)	B - L8021	C - Local Road (E)
From	A - Local Road (W)	0.00	3.60	1.20
	B - L8021	2.40	0.00	12.32
	C - Local Road (E)	1.20	6.00	0.00

Vehicle Mix

07:00 - 07:15

Heavy Vehicle Percentages

		To		
		A - Local Road (W)	B - L8021	C - Local Road (E)
From	A - Local Road (W)	0	0	0
	B - L8021	0	0	0
	C - Local Road (E)	0	20	0

07:15 - 07:30

Heavy Vehicle Percentages

		To		
		A - Local Road (W)	B - L8021	C - Local Road (E)
From	A - Local Road (W)	0	0	0
	B - L8021	56	0	0
	C - Local Road (E)	0	0	0

07:30 - 07:45

Heavy Vehicle Percentages

		To		
		A - Local Road (W)	B - L8021	C - Local Road (E)
From	A - Local Road (W)	0	0	0
	B - L8021	0	0	0
	C - Local Road (E)	0	0	0

07:45 - 08:00

Heavy Vehicle Percentages

		To		
		A - Local Road (W)	B - L8021	C - Local Road (E)
From	A - Local Road (W)	0	0	0
	B - L8021	0	0	0
	C - Local Road (E)	0	6	0

08:00 - 08:15

Heavy Vehicle Percentages

		To		
		A - Local Road (W)	B - L8021	C - Local Road (E)
From	A - Local Road (W)	0	0	0
	B - L8021	56	0	0
	C - Local Road (E)	0	0	0

08:15 - 08:30

Heavy Vehicle Percentages

		To		
		A - Local Road (W)	B - L8021	C - Local Road (E)
From	A - Local Road (W)	0	0	0
	B - L8021	0	0	0
	C - Local Road (E)	0	0	0

08:30 - 08:45

Heavy Vehicle Percentages

		To		
		A - Local Road (W)	B - L8021	C - Local Road (E)
From	A - Local Road (W)	0	15	0
	B - L8021	39	0	0
	C - Local Road (E)	0	0	0

08:45 - 09:00

Heavy Vehicle Percentages

		To		
		A - Local Road (W)	B - L8021	C - Local Road (E)
From	A - Local Road (W)	0	30	0
	B - L8021	0	0	0
	C - Local Road (E)	0	0	0

Heavy Vehicle Percentages

09:00 - 09:15

		To		
		A - Local Road (W)	B - L8021	C - Local Road (E)
From	A - Local Road (W)	0	30	0
	B - L8021	100	0	0
	C - Local Road (E)	0	0	0

Heavy Vehicle Percentages

09:15 - 09:30

		To		
		A - Local Road (W)	B - L8021	C - Local Road (E)
From	A - Local Road (W)	0	0	0
	B - L8021	30	0	20
	C - Local Road (E)	0	0	0

Heavy Vehicle Percentages

09:30 - 09:45

		To		
		A - Local Road (W)	B - L8021	C - Local Road (E)
From	A - Local Road (W)	0	0	0
	B - L8021	0	0	39
	C - Local Road (E)	0	0	0

Heavy Vehicle Percentages

09:45 - 10:00

		To		
		A - Local Road (W)	B - L8021	C - Local Road (E)
From	A - Local Road (W)	0	30	0
	B - L8021	0	0	30
	C - Local Road (E)	0	0	0

Heavy Vehicle Percentages

10:00 - 10:15

		To		
		A - Local Road (W)	B - L8021	C - Local Road (E)
From	A - Local Road (W)	0	39	0
	B - L8021	0	0	0
	C - Local Road (E)	0	0	0

Heavy Vehicle Percentages

10:15 - 10:30

		To		
		A - Local Road (W)	B - L8021	C - Local Road (E)
From	A - Local Road (W)	0	0	0
	B - L8021	0	0	0
	C - Local Road (E)	0	0	0

Heavy Vehicle Percentages

10:30 - 10:45

		To		
		A - Local Road (W)	B - L8021	C - Local Road (E)
From	A - Local Road (W)	0	0	0
	B - L8021	0	0	0
	C - Local Road (E)	0	0	0

10:45 - 11:00

Heavy Vehicle Percentages

		To		
		A - Local Road (W)	B - L8021	C - Local Road (E)
From	A - Local Road (W)	0	0	0
	B - L8021	100	0	0
	C - Local Road (E)	0	20	0

Heavy Vehicle Percentages

11:00 - 11:15

		To		
		A - Local Road (W)	B - L8021	C - Local Road (E)
From	A - Local Road (W)	0	39	0
	B - L8021	56	0	0
	C - Local Road (E)	0	0	0

Heavy Vehicle Percentages

11:15 - 11:30

		To		
		A - Local Road (W)	B - L8021	C - Local Road (E)
From	A - Local Road (W)	0	0	0
	B - L8021	0	0	0
	C - Local Road (E)	56	0	0

Heavy Vehicle Percentages

11:30 - 11:45

		To		
		A - Local Road (W)	B - L8021	C - Local Road (E)
From	A - Local Road (W)	0	39	0
	B - L8021	56	0	0
	C - Local Road (E)	0	0	0

Heavy Vehicle Percentages

11:45 - 12:00

		To		
		A - Local Road (W)	B - L8021	C - Local Road (E)
From	A - Local Road (W)	0	39	0
	B - L8021	0	0	0
	C - Local Road (E)	0	0	0

Heavy Vehicle Percentages

12:00 - 12:15

		To		
		A - Local Road (W)	B - L8021	C - Local Road (E)
From	A - Local Road (W)	0	56	0
	B - L8021	30	0	0
	C - Local Road (E)	0	0	0

Heavy Vehicle Percentages

12:15 - 12:30

		To		
		A - Local Road (W)	B - L8021	C - Local Road (E)
From	A - Local Road (W)	0	39	0
	B - L8021	0	0	0
	C - Local Road (E)	0	0	0

Heavy Vehicle Percentages

12:30 - 12:45

		To		
		A - Local Road (W)	B - L8021	C - Local Road (E)
From	A - Local Road (W)	0	0	0
	B - L8021	0	0	0
	C - Local Road (E)	0	0	0

12:45 - 13:00

Heavy Vehicle Percentages

		To		
		A - Local Road (W)	B - L8021	C - Local Road (E)
From	A - Local Road (W)	0	30	0
	B - L8021	100	0	0
	C - Local Road (E)	100	0	0

Heavy Vehicle Percentages

13:00 - 13:15

		To		
		A - Local Road (W)	B - L8021	C - Local Road (E)
From	A - Local Road (W)	0	0	0
	B - L8021	0	0	0
	C - Local Road (E)	0	0	0

Heavy Vehicle Percentages

13:15 - 13:30

		To		
		A - Local Road (W)	B - L8021	C - Local Road (E)
From	A - Local Road (W)	0	56	0
	B - L8021	0	0	0
	C - Local Road (E)	0	0	0

Heavy Vehicle Percentages

13:30 - 13:45

		To		
		A - Local Road (W)	B - L8021	C - Local Road (E)
From	A - Local Road (W)	0	0	0
	B - L8021	0	0	0
	C - Local Road (E)	0	0	0

Heavy Vehicle Percentages

13:45 - 14:00

		To		
		A - Local Road (W)	B - L8021	C - Local Road (E)
From	A - Local Road (W)	0	0	0
	B - L8021	0	0	0
	C - Local Road (E)	0	17	0

Heavy Vehicle Percentages

14:00 - 14:15

		To		
		A - Local Road (W)	B - L8021	C - Local Road (E)
From	A - Local Road (W)	0	0	0
	B - L8021	30	0	30
	C - Local Road (E)	0	12	0

Heavy Vehicle Percentages

14:15 - 14:30

		To		
		A - Local Road (W)	B - L8021	C - Local Road (E)
From	A - Local Road (W)	0	56	0
	B - L8021	0	0	0
	C - Local Road (E)	0	0	0

Heavy Vehicle Percentages

14:30 - 14:45

		To		
		A - Local Road (W)	B - L8021	C - Local Road (E)
From	A - Local Road (W)	0	0	0
	B - L8021	0	0	0
	C - Local Road (E)	0	15	0

14:45 - 15:00

Heavy Vehicle Percentages

		To		
		A - Local Road (W)	B - L8021	C - Local Road (E)
From	A - Local Road (W)	0	0	0
	B - L8021	0	0	0
	C - Local Road (E)	0	0	0

Heavy Vehicle Percentages

15:00 - 15:15

		To		
		A - Local Road (W)	B - L8021	C - Local Road (E)
From	A - Local Road (W)	0	0	0
	B - L8021	0	0	19
	C - Local Road (E)	0	0	0

Heavy Vehicle Percentages

15:15 - 15:30

		To		
		A - Local Road (W)	B - L8021	C - Local Road (E)
From	A - Local Road (W)	0	56	0
	B - L8021	56	0	17
	C - Local Road (E)	100	0	0

Heavy Vehicle Percentages

15:30 - 15:45

		To		
		A - Local Road (W)	B - L8021	C - Local Road (E)
From	A - Local Road (W)	0	0	0
	B - L8021	56	0	30
	C - Local Road (E)	0	0	0

Heavy Vehicle Percentages

15:45 - 16:00

		To		
		A - Local Road (W)	B - L8021	C - Local Road (E)
From	A - Local Road (W)	0	56	0
	B - L8021	24	0	0
	C - Local Road (E)	0	17	0

Heavy Vehicle Percentages

16:00 - 16:15

		To		
		A - Local Road (W)	B - L8021	C - Local Road (E)
From	A - Local Road (W)	0	39	0
	B - L8021	0	0	11
	C - Local Road (E)	0	0	0

Heavy Vehicle Percentages

16:15 - 16:30

		To		
		A - Local Road (W)	B - L8021	C - Local Road (E)
From	A - Local Road (W)	0	0	0
	B - L8021	24	0	0
	C - Local Road (E)	0	11	0

Heavy Vehicle Percentages

16:30 - 16:45

		To		
		A - Local Road (W)	B - L8021	C - Local Road (E)
From	A - Local Road (W)	0	0	0
	B - L8021	56	0	15
	C - Local Road (E)	0	0	0

16:45 - 17:00

Heavy Vehicle Percentages

		To		
		A - Local Road (W)	B - L8021	C - Local Road (E)
From	A - Local Road (W)	0	0	100
	B - L8021	16	0	0
	C - Local Road (E)	0	0	0

Heavy Vehicle Percentages

17:00 - 17:15

		To		
		A - Local Road (W)	B - L8021	C - Local Road (E)
From	A - Local Road (W)	0	39	0
	B - L8021	0	0	0
	C - Local Road (E)	0	15	0

Heavy Vehicle Percentages

17:15 - 17:30

		To		
		A - Local Road (W)	B - L8021	C - Local Road (E)
From	A - Local Road (W)	0	0	0
	B - L8021	0	0	13
	C - Local Road (E)	0	0	0

Heavy Vehicle Percentages

17:30 - 17:45

		To		
		A - Local Road (W)	B - L8021	C - Local Road (E)
From	A - Local Road (W)	0	0	0
	B - L8021	0	0	12
	C - Local Road (E)	0	27	0

Heavy Vehicle Percentages

17:45 - 18:00

		To		
		A - Local Road (W)	B - L8021	C - Local Road (E)
From	A - Local Road (W)	0	39	0
	B - L8021	0	0	0
	C - Local Road (E)	0	0	0

Heavy Vehicle Percentages

18:00 - 18:15

		To		
		A - Local Road (W)	B - L8021	C - Local Road (E)
From	A - Local Road (W)	0	0	0
	B - L8021	0	0	0
	C - Local Road (E)	0	0	0

Heavy Vehicle Percentages

18:15 - 18:30

		To		
		A - Local Road (W)	B - L8021	C - Local Road (E)
From	A - Local Road (W)	0	0	0
	B - L8021	0	0	0
	C - Local Road (E)	0	27	0

Heavy Vehicle Percentages

18:30 - 18:45

		To		
		A - Local Road (W)	B - L8021	C - Local Road (E)
From	A - Local Road (W)	0	0	0
	B - L8021	0	0	0
	C - Local Road (E)	0	0	0

18:45 - 19:00

Heavy Vehicle Percentages

		To		
		A - Local Road (W)	B - L8021	C - Local Road (E)
From	A - Local Road (W)	0	0	0
	B - L8021	0	0	12
	C - Local Road (E)	0	0	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (Veh)	Max LOS	Average Demand (Veh/TS)	Total Junction Arrivals (Veh)
B-C	0.12	8.15	0.1	A	6.90	331.09
B-A	0.11	15.31	0.1	C	3.84	184.53
C-AB	0.17	7.52	0.2	A	9.30	446.48
C-A					0.68	32.66
A-B					3.59	172.40
A-C					0.79	37.85

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	3.60	3.60	176.27	0.020	3.58	0.0	0.0	5.211	A
B-A	0.00	0.00	86.12	0.000	0.00	0.0	0.0	0.000	A
C-AB	7.52	7.52	127.12	0.059	7.46	0.0	0.1	7.518	A
C-A	0.00	0.00			0.00				
A-B	3.60	3.60			3.60				
A-C	0.00	0.00			0.00				

07:15 - 07:30

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	1.20	1.20	127.90	0.009	1.21	0.0	0.0	7.106	A
B-A	2.72	2.72	81.96	0.033	2.68	0.0	0.0	11.348	B
C-AB	6.00	6.00	152.73	0.039	6.02	0.1	0.0	6.839	A
C-A	0.00	0.00			0.00				
A-B	2.40	2.40			2.40				
A-C	0.00	0.00			0.00				

07:30 - 07:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	1.20	1.20	136.55	0.009	1.20	0.0	0.0	6.648	A
B-A	2.40	2.40	121.47	0.020	2.41	0.0	0.0	9.780	A
C-AB	9.61	9.61	152.48	0.063	9.58	0.0	0.1	6.298	A
C-A	0.00	0.00			0.00				
A-B	4.80	4.80			4.80				
A-C	0.00	0.00			0.00				

07:45 - 08:00

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	6.00	6.00	158.15	0.038	5.97	0.0	0.0	5.912	A
B-A	3.60	3.60	101.02	0.036	3.59	0.0	0.0	9.236	A
C-AB	24.03	24.03	143.29	0.168	23.90	0.1	0.2	7.379	A
C-A	1.00	1.00			1.00				
A-B	5.28	5.28			5.28				
A-C	3.60	3.60			3.60				

08:00 - 08:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	8.40	8.40	147.74	0.057	8.38	0.0	0.1	6.458	A
B-A	5.44	5.44	72.49	0.075	5.40	0.0	0.1	11.391	B
C-AB	13.91	13.91	152.52	0.091	14.00	0.2	0.1	6.781	A
C-A	0.00	0.00			0.00				
A-B	4.08	4.08			4.08				
A-C	0.00	0.00			0.00				

08:15 - 08:30

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	7.20	7.20	169.23	0.043	7.22	0.1	0.0	5.557	A
B-A	1.20	1.20	88.54	0.013	1.25	0.1	0.0	14.678	B
C-AB	15.11	15.11	151.51	0.100	15.10	0.1	0.1	6.597	A
C-A	0.00	0.00			0.00				
A-B	7.68	7.68			7.68				
A-C	1.20	1.20			1.20				

08:30 - 08:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	3.60	3.60	140.00	0.026	3.62	0.0	0.0	6.599	A
B-A	3.92	3.92	84.25	0.047	3.89	0.0	0.0	10.447	B
C-AB	15.23	15.23	151.02	0.101	15.23	0.1	0.1	6.627	A
C-A	1.08	1.08			1.08				
A-B	10.40	10.40			10.40				
A-C	2.40	2.40			2.40				

08:45 - 09:00

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	6.00	6.00	175.27	0.034	5.99	0.0	0.0	5.316	A
B-A	0.00	0.00	61.87	0.000	0.04	0.0	0.0	0.000	A
C-AB	9.68	9.68	152.56	0.063	9.73	0.1	0.1	6.304	A
C-A	1.12	1.12			1.12				
A-B	5.12	5.12			5.12				
A-C	1.20	1.20			1.20				

09:00 - 09:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	6.00	6.00	161.87	0.037	6.00	0.0	0.0	5.773	A
B-A	1.52	1.52	51.50	0.029	1.49	0.0	0.0	13.925	B
C-AB	10.81	10.81	151.47	0.071	10.80	0.1	0.1	6.397	A
C-A	0.00	0.00			0.00				
A-B	5.12	5.12			5.12				
A-C	2.40	2.40			2.40				

09:15 - 09:30

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	7.52	7.52	128.25	0.059	7.50	0.0	0.1	6.872	A
B-A	5.12	5.12	83.25	0.061	5.07	0.0	0.1	13.001	B
C-AB	12.10	12.10	152.99	0.079	12.09	0.1	0.1	6.387	A
C-A	1.11	1.11			1.11				
A-B	4.80	4.80			4.80				
A-C	1.20	1.20			1.20				

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	3.92	3.92	121.57	0.032	3.94	0.1	0.0	6.975	A
B-A	1.20	1.20	92.22	0.013	1.26	0.1	0.0	12.107	B
C-AB	15.73	15.73	153.85	0.102	15.70	0.1	0.1	6.513	A
C-A	1.08	1.08			1.08				
A-B	2.40	2.40			2.40				
A-C	0.00	0.00			0.00				

09:45 - 10:00

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	5.12	5.12	126.11	0.041	5.11	0.0	0.0	7.670	A
B-A	2.40	2.40	98.80	0.024	2.39	0.0	0.0	9.335	A
C-AB	12.01	12.01	151.76	0.079	12.03	0.1	0.1	6.444	A
C-A	0.00	0.00			0.00				
A-B	5.12	5.12			5.12				
A-C	1.20	1.20			1.20				

10:00 - 10:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	6.00	6.00	158.61	0.038	6.00	0.0	0.0	6.722	A
B-A	3.60	3.60	105.91	0.034	3.59	0.0	0.0	8.795	A
C-AB	9.68	9.68	152.84	0.063	9.70	0.1	0.1	6.290	A
C-A	1.12	1.12			1.12				
A-B	3.92	3.92			3.92				
A-C	1.20	1.20			1.20				

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	3.60	3.60	158.09	0.023	3.62	0.0	0.0	5.829	A
B-A	2.40	2.40	109.28	0.022	2.41	0.0	0.0	8.422	A
C-AB	6.00	6.00	153.34	0.039	6.03	0.1	0.0	6.112	A
C-A	0.00	0.00			0.00				
A-B	1.20	1.20			1.20				
A-C	0.00	0.00			0.00				

10:30 - 10:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	7.20	7.20	170.39	0.042	7.18	0.0	0.0	5.514	A
B-A	1.20	1.20	93.44	0.013	1.21	0.0	0.0	9.759	A
C-AB	6.05	6.05	153.56	0.039	6.05	0.0	0.0	6.100	A
C-A	1.15	1.15			1.15				
A-B	3.60	3.60			3.60				
A-C	0.00	0.00			0.00				

10:45 - 11:00

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	3.60	3.60	138.89	0.026	3.62	0.0	0.0	6.653	A
B-A	3.03	3.03	60.88	0.050	3.00	0.0	0.0	13.273	B
C-AB	7.52	7.52	127.48	0.059	7.50	0.0	0.1	6.914	A
C-A	0.00	0.00			0.00				
A-B	0.00	0.00			0.00				
A-C	2.40	2.40			2.40				

11:00 - 11:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	6.00	6.00	155.65	0.039	5.99	0.0	0.0	6.013	A
B-A	2.72	2.72	70.37	0.038	2.72	0.0	0.0	15.310	C
C-AB	4.84	4.84	152.76	0.032	4.86	0.1	0.0	6.843	A
C-A	1.16	1.16			1.16				
A-B	3.92	3.92			3.92				
A-C	0.00	0.00			0.00				

11:15 - 11:30

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	4.80	4.80	162.86	0.029	4.81	0.0	0.0	5.694	A
B-A	2.40	2.40	103.77	0.023	2.42	0.0	0.0	11.470	B
C-AB	6.11	6.11	154.33	0.040	6.11	0.0	0.0	6.044	A
C-A	2.61	2.61			2.61				
A-B	2.40	2.40			2.40				
A-C	0.00	0.00			0.00				

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	7.20	7.20	159.00	0.045	7.19	0.0	0.0	5.928	A
B-A	2.72	2.72	69.11	0.039	2.72	0.0	0.0	11.248	B
C-AB	4.80	4.80	152.03	0.032	4.81	0.0	0.0	6.147	A
C-A	0.00	0.00			0.00				
A-B	3.92	3.92			3.92				
A-C	1.20	1.20			1.20				

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	4.80	4.80	167.01	0.029	4.82	0.0	0.0	5.548	A
B-A	1.20	1.20	94.50	0.013	1.22	0.0	0.0	13.245	B
C-AB	9.61	9.61	152.05	0.063	9.57	0.0	0.1	6.315	A
C-A	0.00	0.00			0.00				
A-B	3.92	3.92			3.92				
A-C	1.20	1.20			1.20				

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	3.60	3.60	137.21	0.026	3.60	0.0	0.0	6.737	A
B-A	5.12	5.12	95.70	0.054	5.08	0.0	0.1	9.482	A
C-AB	6.00	6.00	152.62	0.039	6.03	0.1	0.0	6.142	A
C-A	0.00	0.00			0.00				
A-B	2.72	2.72			2.72				
A-C	0.00	0.00			0.00				

12:15 - 12:30

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	3.60	3.60	157.31	0.023	3.61	0.0	0.0	5.857	A
B-A	2.40	2.40	109.21	0.022	2.43	0.1	0.0	10.110	B
C-AB	3.60	3.60	152.33	0.024	3.62	0.0	0.0	6.051	A
C-A	0.00	0.00			0.00				
A-B	3.92	3.92			3.92				
A-C	0.00	0.00			0.00				

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	2.40	2.40	150.23	0.016	2.41	0.0	0.0	6.088	A
B-A	2.40	2.40	114.99	0.021	2.41	0.0	0.0	7.994	A
C-AB	7.20	7.20	153.34	0.047	7.18	0.0	0.0	6.157	A
C-A	0.00	0.00			0.00				
A-B	1.20	1.20			1.20				
A-C	0.00	0.00			0.00				

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	1.20	1.20	132.67	0.009	1.21	0.0	0.0	6.845	A
B-A	1.52	1.52	63.15	0.024	1.52	0.0	0.0	10.127	B
C-AB	2.45	2.45	153.03	0.016	2.48	0.0	0.0	5.891	A
C-A	2.98	2.98			2.98				
A-B	5.12	5.12			5.12				
A-C	0.00	0.00			0.00				

13:00 - 13:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	3.60	3.60	149.39	0.024	3.59	0.0	0.0	6.172	A
B-A	3.60	3.60	114.58	0.031	3.58	0.0	0.0	10.557	B
C-AB	6.00	6.00	152.47	0.039	5.98	0.0	0.0	6.181	A
C-A	0.00	0.00			0.00				
A-B	4.80	4.80			4.80				
A-C	0.00	0.00			0.00				

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	15.61	15.61	166.71	0.094	15.53	0.0	0.1	5.951	A
B-A	3.60	3.60	95.22	0.038	3.60	0.0	0.0	9.823	A
C-AB	8.40	8.40	151.61	0.055	8.39	0.0	0.1	6.284	A
C-A	0.00	0.00			0.00				
A-B	5.44	5.44			5.44				
A-C	0.00	0.00			0.00				

13:30 - 13:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	9.61	9.61	172.00	0.056	9.65	0.1	0.1	5.544	A
B-A	1.20	1.20	91.73	0.013	1.23	0.0	0.0	9.948	A
C-AB	6.00	6.00	153.05	0.039	6.02	0.1	0.0	6.123	A
C-A	0.00	0.00			0.00				
A-B	2.40	2.40			2.40				
A-C	0.00	0.00			0.00				

13:45 - 14:00

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	8.40	8.40	161.94	0.052	8.41	0.1	0.1	5.864	A
B-A	3.60	3.60	101.63	0.035	3.58	0.0	0.0	9.177	A
C-AB	8.72	8.72	130.22	0.067	8.70	0.0	0.1	6.931	A
C-A	0.00	0.00			0.00				
A-B	2.40	2.40			2.40				
A-C	1.20	1.20			1.20				

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	5.12	5.12	114.87	0.045	5.13	0.1	0.0	7.007	A
B-A	5.12	5.12	86.73	0.059	5.10	0.0	0.1	9.940	A
C-AB	12.54	12.54	137.92	0.091	12.51	0.1	0.1	7.326	A
C-A	2.18	2.18			2.18				
A-B	1.20	1.20			1.20				
A-C	1.20	1.20			1.20				

14:15 - 14:30

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	3.60	3.60	164.40	0.022	3.62	0.0	0.0	6.574	A
B-A	1.20	1.20	99.40	0.012	1.24	0.1	0.0	11.259	B
C-AB	4.80	4.80	152.23	0.031	4.87	0.1	0.0	6.645	A
C-A	0.00	0.00			0.00				
A-B	2.72	2.72			2.72				
A-C	0.00	0.00			0.00				

14:30 - 14:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	8.40	8.40	155.49	0.054	8.37	0.0	0.1	6.115	A
B-A	6.00	6.00	108.64	0.055	5.96	0.0	0.1	8.761	A
C-AB	9.92	9.92	133.07	0.075	9.88	0.0	0.1	6.968	A
C-A	0.00	0.00			0.00				
A-B	1.20	1.20			1.20				
A-C	0.00	0.00			0.00				

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	4.80	4.80	163.02	0.029	4.83	0.1	0.0	5.689	A
B-A	2.40	2.40	104.58	0.023	2.44	0.1	0.0	8.813	A
C-AB	8.40	8.40	152.84	0.055	8.42	0.1	0.1	6.772	A
C-A	0.00	0.00			0.00				
A-B	2.40	2.40			2.40				
A-C	0.00	0.00			0.00				

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	16.24	16.24	140.14	0.116	16.15	0.0	0.1	6.963	A
B-A	4.80	4.80	96.24	0.050	4.77	0.0	0.1	9.837	A
C-AB	7.32	7.32	154.64	0.047	7.33	0.1	0.1	6.109	A
C-A	2.29	2.29			2.29				
A-B	2.40	2.40			2.40				
A-C	0.00	0.00			0.00				

15:15 - 15:30

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	8.72	8.72	121.32	0.072	8.77	0.1	0.1	8.060	A
B-A	8.15	8.15	75.43	0.108	8.10	0.1	0.1	11.432	B
C-AB	7.28	7.28	153.11	0.048	7.28	0.1	0.1	6.139	A
C-A	1.44	1.44			1.44				
A-B	2.72	2.72			2.72				
A-C	0.00	0.00			0.00				

15:30 - 15:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	5.12	5.12	121.69	0.042	5.16	0.1	0.0	7.259	A
B-A	2.72	2.72	69.33	0.039	2.78	0.1	0.0	13.533	B
C-AB	8.40	8.40	152.76	0.055	8.40	0.1	0.1	6.264	A
C-A	0.00	0.00			0.00				
A-B	3.60	3.60			3.60				
A-C	0.00	0.00			0.00				

15:45 - 16:00

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	3.60	3.60	133.41	0.027	3.61	0.0	0.0	8.152	A
B-A	6.32	6.32	95.94	0.066	6.29	0.0	0.1	10.847	B
C-AB	17.60	17.60	130.92	0.135	17.52	0.1	0.1	7.504	A
C-A	1.04	1.04			1.04				
A-B	2.72	2.72			2.72				
A-C	0.00	0.00			0.00				

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	13.52	13.52	155.33	0.087	13.46	0.0	0.1	6.195	A
B-A	1.20	1.20	86.46	0.014	1.26	0.1	0.0	12.558	B
C-AB	13.21	13.21	151.76	0.087	13.25	0.1	0.1	7.194	A
C-A	0.00	0.00			0.00				
A-B	3.92	3.92			3.92				
A-C	1.20	1.20			1.20				

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	4.80	4.80	139.18	0.034	4.86	0.1	0.0	7.262	A
B-A	6.32	6.32	96.30	0.066	6.27	0.0	0.1	9.667	A
C-AB	13.52	13.52	137.98	0.098	13.53	0.1	0.1	6.839	A
C-A	0.00	0.00			0.00				
A-B	1.20	1.20			1.20				
A-C	0.00	0.00			0.00				

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	9.92	9.92	140.89	0.070	9.89	0.0	0.1	6.553	A
B-A	2.72	2.72	64.72	0.042	2.75	0.1	0.0	12.442	B
C-AB	7.26	7.26	153.03	0.047	7.31	0.1	0.1	6.644	A
C-A	1.14	1.14			1.14				
A-B	1.20	1.20			1.20				
A-C	3.60	3.60			3.60				

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	15.11	15.11	150.82	0.100	15.06	0.1	0.1	7.072	A
B-A	9.67	9.67	93.56	0.103	9.59	0.0	0.1	11.603	B
C-AB	8.40	8.40	151.04	0.056	8.40	0.1	0.1	6.309	A
C-A	0.00	0.00			0.00				
A-B	4.80	4.80			4.80				
A-C	3.03	3.03			3.03				

17:00 - 17:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	12.71	12.71	150.36	0.085	12.73	0.1	0.1	6.539	A
B-A	10.56	10.56	109.99	0.096	10.56	0.1	0.1	9.789	A
C-AB	10.10	10.10	133.93	0.076	10.09	0.1	0.1	6.809	A
C-A	2.22	2.22			2.22				
A-B	3.92	3.92			3.92				
A-C	0.00	0.00			0.00				

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	11.82	11.82	132.15	0.090	11.82	0.1	0.1	7.006	A
B-A	11.76	11.76	111.34	0.106	11.75	0.1	0.1	9.036	A
C-AB	10.98	10.98	154.19	0.071	10.97	0.1	0.1	6.765	A
C-A	2.23	2.23			2.23				
A-B	3.60	3.60			3.60				
A-C	0.00	0.00			0.00				

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	13.02	13.02	138.89	0.094	13.01	0.1	0.1	7.188	A
B-A	9.35	9.35	105.42	0.089	9.37	0.1	0.1	9.373	A
C-AB	11.55	11.55	121.13	0.096	11.54	0.1	0.1	7.314	A
C-A	1.09	1.09			1.09				
A-B	6.00	6.00			6.00				
A-C	1.20	1.20			1.20				

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	6.00	6.00	158.12	0.038	6.06	0.1	0.0	6.399	A
B-A	3.60	3.60	105.95	0.034	3.66	0.1	0.0	8.805	A
C-AB	9.61	9.61	151.37	0.063	9.62	0.1	0.1	7.310	A
C-A	0.00	0.00			0.00				
A-B	3.92	3.92			3.92				
A-C	2.40	2.40			2.40				

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	12.01	12.01	162.31	0.074	11.97	0.0	0.1	5.984	A
B-A	4.80	4.80	100.57	0.048	4.79	0.0	0.0	9.395	A
C-AB	12.01	12.01	153.05	0.078	12.00	0.1	0.1	6.380	A
C-A	0.00	0.00			0.00				
A-B	2.40	2.40			2.40				
A-C	0.00	0.00			0.00				

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	7.20	7.20	152.05	0.047	7.23	0.1	0.1	6.217	A
B-A	6.00	6.00	109.34	0.055	6.00	0.0	0.1	8.709	A
C-AB	11.55	11.55	121.58	0.095	11.55	0.1	0.1	7.243	A
C-A	1.09	1.09			1.09				
A-B	3.60	3.60			3.60				
A-C	1.20	1.20			1.20				

18:30 - 18:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	6.00	6.00	144.40	0.042	6.01	0.1	0.0	6.505	A
B-A	7.20	7.20	118.49	0.061	7.20	0.1	0.1	8.086	A
C-AB	1.22	1.22	150.96	0.008	1.30	0.1	0.0	7.325	A
C-A	2.38	2.38			2.38				
A-B	3.60	3.60			3.60				
A-C	2.40	2.40			2.40				

18:45 - 19:00

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	12.32	12.32	150.72	0.082	12.28	0.0	0.1	6.248	A
B-A	2.40	2.40	93.55	0.026	2.44	0.1	0.0	9.881	A
C-AB	6.05	6.05	153.28	0.039	6.02	0.0	0.0	6.110	A
C-A	1.15	1.15			1.15				
A-B	3.60	3.60			3.60				
A-C	1.20	1.20			1.20				

Junctions 9

PICADY 9 - Priority Intersection Module

Filename: Junction 2A - Site Access- T Junction.j9
Path: W:\2022\P22-013\Modelling
Report generation date: 29/06/2022 15:39:30

Summary of junction performance

	12hrs			
	Queue (Veh)	Delay (s)	RFC	LOS
	Op Year			
Stream B-C	0.0	0.00	0.00	A
Stream B-A	0.0	0.00	0.00	A
Stream C-AB	0.0	0.00	0.00	A
	Op Year +5			
Stream B-C	0.0	0.00	0.00	A
Stream B-A	0.0	0.00	0.00	A
Stream C-AB	0.0	0.00	0.00	A
	Op Year +15			
Stream B-C	0.0	0.00	0.00	A
Stream B-A	0.0	0.00	0.00	A
Stream C-AB	0.0	0.00	0.00	A
	Op Year + Dev			
Stream B-C	0.3	9.89	0.26	A
Stream B-A	0.0	7.56	0.02	A
Stream C-AB	0.5	12.17	0.37	B
	Op Year +5 + Dev			
Stream B-C	0.3	9.92	0.27	A
Stream B-A	0.0	7.59	0.02	A
Stream C-AB	0.5	12.15	0.37	B
	Op Year +15 + Dev			
Stream B-C	0.3	9.96	0.27	A
Stream B-A	0.0	7.64	0.02	A
Stream C-AB	0.5	12.14	0.37	B

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

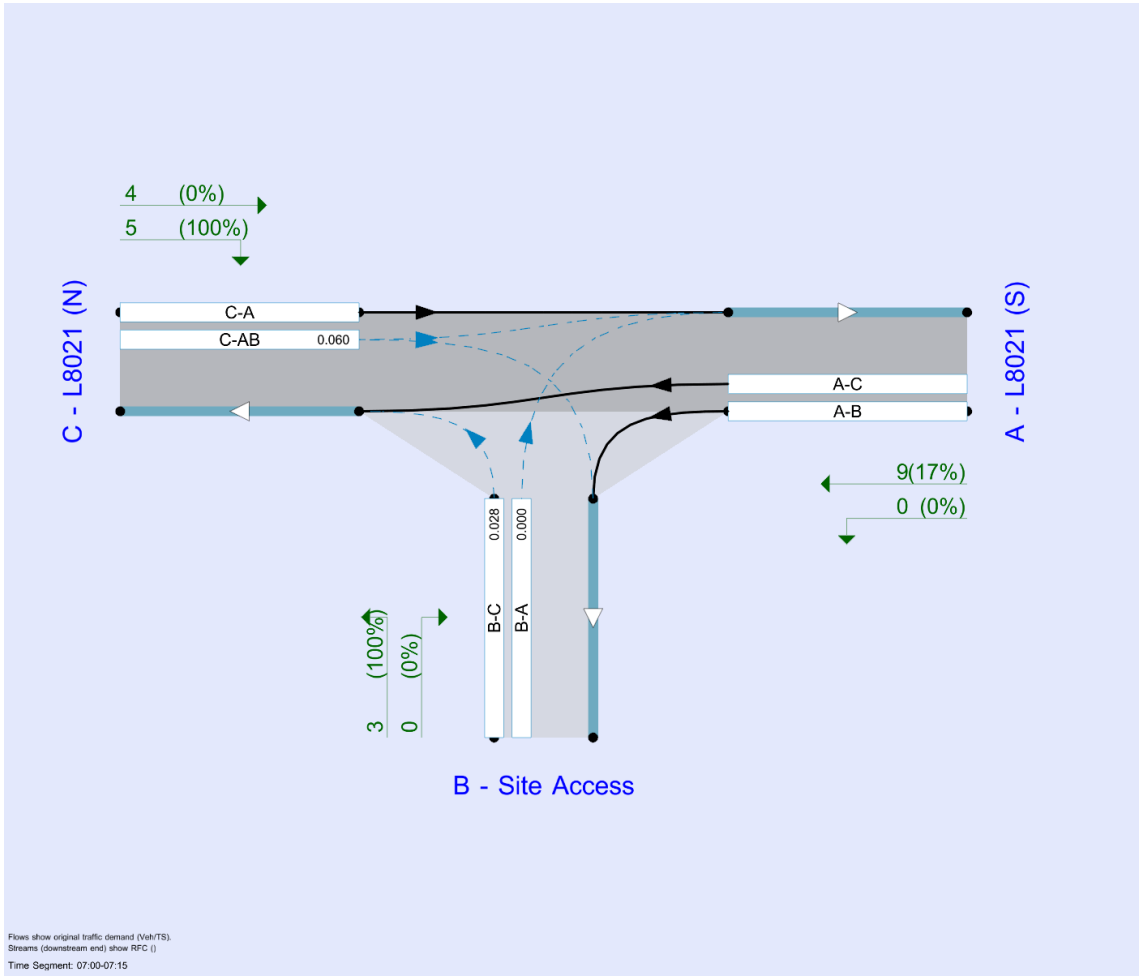
File summary

File Description

Title	
Location	
Site number	
Date	03/02/2022
Version	
Status	(new file)
Identifier	
Client	
Jobnumber	
Enumerator	PMCE\farnanr
Description	

Units

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



The junction diagram reflects the last run of Junctions.

Analysis Options

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

Analysis Set Details

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

Demand Set Details

ID	Scenario name	Time Period name	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time period length (min)	Time segment length (min)	Run automatically	Relationship type	Relationship
D10	Op Year +15 + Dev	12hrs	DIRECT	07:00	19:00	720	15	✓	Simple	D5 + D6

Op Year +15 + Dev, 12hrs

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Major road direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	Site Access	T-Junction	Two-way		4.84	A

Junction Network Options

Driving side	Lighting
Left	Normal/unknown

Arms

Arms

Arm	Name	Description	Arm type
A	L8021 (S)		Major
B	Site Access		Minor
C	L8021 (N)		Major

Major Arm Geometry

Arm	Width of carriageway (m)	Has kerbed central reserve	Has right turn bay	Visibility for right turn (m)	Blocks?	Blocking queue (PCU)
C - L8021 (N)	6.00			80.0	✓	0.00

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

Minor Arm Geometry

Arm	Minor arm type	Width at give-way (m)	Width at 5m (m)	Width at 10m (m)	Width at 15m (m)	Width at 20m (m)	Estimate flare length	Flare length (PCU)	Visibility to left (m)	Visibility to right (m)
B - Site Access	One lane plus flare	10.00	9.50	7.00	5.20	4.20		1.00	75	50

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	130.706	0.095	0.241	0.151	0.344
1	B-C	194.038	0.119	0.301	-	-
1	C-B	155.073	0.240	0.240	-	-

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

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 - L8021 (S)		DIRECT	✓	100.000
B - Site Access		DIRECT	✓	100.000
C - L8021 (N)		DIRECT	✓	100.000

Origin-Destination Data

07:00 - 07:15

Demand (Veh/TS)

		To		
		A - L8021 (S)	**B - Site Access**	**C - L8021 (N)**
From	**A - L8021 (S)**	0.00	0.00	8.72
	B - Site Access	0.00	0.00	2.64
	C - L8021 (N)	3.60	4.56	0.00

07:15 - 07:30

Demand (Veh/TS)

		To		
		A - L8021 (S)	**B - Site Access**	**C - L8021 (N)**
From	**A - L8021 (S)**	0.00	0.00	8.40
	B - Site Access	0.00	0.00	2.64
	C - L8021 (N)	3.92	4.56	0.00

07:30 - 07:45

Demand (Veh/TS)

		To		
		A - L8021 (S)	**B - Site Access**	**C - L8021 (N)**
From	**A - L8021 (S)**	0.00	0.00	10.81
	B - Site Access	0.00	0.00	2.64
	C - L8021 (N)	3.60	4.56	0.00

07:45 - 08:00

Demand (Veh/TS)

		To		
		A - L8021 (S)	**B - Site Access**	**C - L8021 (N)**
From	**A - L8021 (S)**	0.00	2.38	20.73
	B - Site Access	0.00	0.00	2.64
	C - L8021 (N)	9.61	49.69	0.00

08:00 - 08:15

Demand (Veh/TS)

		To		
		A - L8021 (S)	**B - Site Access**	**C - L8021 (N)**
From	**A - L8021 (S)**	0.00	2.38	15.61
	B - Site Access	0.00	0.00	2.79
	C - L8021 (N)	13.84	48.19	0.00

08:15 - 08:30

Demand (Veh/TS)

		To		
		A - L8021 (S)	**B - Site Access**	**C - L8021 (N)**
From	**A - L8021 (S)**	0.00	2.38	20.41
	B - Site Access	0.00	0.00	2.79
	C - L8021 (N)	8.40	48.19	0.00

08:30 - 08:45

Demand (Veh/TS)

		To		
		A - L8021 (S)	**B - Site Access**	**C - L8021 (N)**
From	**A - L8021 (S)**	0.00	2.38	23.13
	B - Site Access	0.00	0.00	2.79
	C - L8021 (N)	7.52	48.19	0.00

08:45 - 09:00

Demand (Veh/TS)

		To		
		A - L8021 (S)	B - Site Access	C - L8021 (N)
From	A - L8021 (S)	0.00	0.00	14.72
	B - Site Access	0.00	0.00	2.79
	C - L8021 (N)	4.80	3.06	0.00

09:00 - 09:15

Demand (Veh/TS)

		To		
		A - L8021 (S)	B - Site Access	C - L8021 (N)
From	A - L8021 (S)	0.00	0.00	14.72
	B - Site Access	0.00	0.00	3.15
	C - L8021 (N)	7.52	3.75	0.00

09:15 - 09:30

Demand (Veh/TS)

		To		
		A - L8021 (S)	B - Site Access	C - L8021 (N)
From	A - L8021 (S)	0.00	0.00	16.81
	B - Site Access	0.00	0.00	3.15
	C - L8021 (N)	12.64	3.75	0.00

09:30 - 09:45

Demand (Veh/TS)

		To		
		A - L8021 (S)	B - Site Access	C - L8021 (N)
From	A - L8021 (S)	0.00	0.00	16.81
	B - Site Access	0.00	0.00	3.15
	C - L8021 (N)	5.12	3.75	0.00

09:45 - 10:00

Demand (Veh/TS)

		To		
		A - L8021 (S)	B - Site Access	C - L8021 (N)
From	A - L8021 (S)	0.00	0.00	17.13
	B - Site Access	0.00	0.00	3.15
	C - L8021 (N)	6.32	3.75	0.00

10:00 - 10:15

Demand (Veh/TS)

		To		
		A - L8021 (S)	B - Site Access	C - L8021 (N)
From	A - L8021 (S)	0.00	0.00	13.52
	B - Site Access	0.00	0.00	2.58
	C - L8021 (N)	9.61	2.37	0.00

10:15 - 10:30

Demand (Veh/TS)

		To		
		A - L8021 (S)	B - Site Access	C - L8021 (N)
From	A - L8021 (S)	0.00	0.00	7.20
	B - Site Access	0.00	0.00	2.58
	C - L8021 (N)	6.00	2.37	0.00

10:30 - 10:45

Demand (Veh/TS)

		To		
		A - L8021 (S)	B - Site Access	C - L8021 (N)
From	A - L8021 (S)	0.00	0.00	9.61
	B - Site Access	0.00	0.00	2.58
	C - L8021 (N)	8.40	2.37	0.00

10:45 - 11:00

Demand (Veh/TS)

		To		
		A - L8021 (S)	B - Site Access	C - L8021 (N)
From	A - L8021 (S)	0.00	0.00	7.52
	B - Site Access	0.00	0.00	2.58
	C - L8021 (N)	6.64	2.37	0.00

11:00 - 11:15

Demand (Veh/TS)

		To		
		A - L8021 (S)	B - Site Access	C - L8021 (N)
From	A - L8021 (S)	0.00	0.00	8.72
	B - Site Access	0.00	0.00	2.31
	C - L8021 (N)	8.72	2.46	0.00

11:15 - 11:30

Demand (Veh/TS)

		To		
		A - L8021 (S)	B - Site Access	C - L8021 (N)
From	A - L8021 (S)	0.00	0.00	8.40
	B - Site Access	0.00	0.00	2.31
	C - L8021 (N)	7.20	2.46	0.00

11:30 - 11:45

Demand (Veh/TS)

		To		
		A - L8021 (S)	B - Site Access	C - L8021 (N)
From	A - L8021 (S)	0.00	0.00	8.72
	B - Site Access	0.00	0.00	2.31
	C - L8021 (N)	8.72	2.46	0.00

11:45 - 12:00

Demand (Veh/TS)

		To		
		A - L8021 (S)	B - Site Access	C - L8021 (N)
From	A - L8021 (S)	0.00	0.00	13.52
	B - Site Access	0.00	0.00	2.31
	C - L8021 (N)	6.00	2.46	0.00

12:00 - 12:15

Demand (Veh/TS)

		To		
		A - L8021 (S)	B - Site Access	C - L8021 (N)
From	A - L8021 (S)	0.00	0.00	8.72
	B - Site Access	0.00	0.00	2.31
	C - L8021 (N)	8.72	1.83	0.00

12:15 - 12:30

Demand (Veh/TS)

		To		
		A - L8021 (S)	B - Site Access	C - L8021 (N)
From	A - L8021 (S)	0.00	0.00	7.52
	B - Site Access	0.00	0.00	2.31
	C - L8021 (N)	6.00	1.83	0.00

12:30 - 12:45

Demand (Veh/TS)

		To		
		A - L8021 (S)	B - Site Access	C - L8021 (N)
From	A - L8021 (S)	0.00	0.00	8.40
	B - Site Access	0.00	0.00	2.31
	C - L8021 (N)	4.80	1.83	0.00

12:45 - 13:00

Demand (Veh/TS)

		To		
		A - L8021 (S)	B - Site Access	C - L8021 (N)
From	A - L8021 (S)	0.00	0.00	7.52
	B - Site Access	0.00	0.00	2.31
	C - L8021 (N)	2.72	1.83	0.00

13:00 - 13:15

Demand (Veh/TS)

		To		
		A - L8021 (S)	B - Site Access	C - L8021 (N)
From	A - L8021 (S)	0.00	0.00	10.81
	B - Site Access	0.00	0.00	3.21
	C - L8021 (N)	4.80	3.00	0.00

13:15 - 13:30

Demand (Veh/TS)

		To		
		A - L8021 (S)	B - Site Access	C - L8021 (N)
From	A - L8021 (S)	0.00	0.00	13.84
	B - Site Access	0.00	0.00	3.21
	C - L8021 (N)	18.01	3.00	0.00

13:30 - 13:45

Demand (Veh/TS)

		To		
		A - L8021 (S)	B - Site Access	C - L8021 (N)
From	A - L8021 (S)	0.00	0.00	8.40
	B - Site Access	0.00	0.00	3.21
	C - L8021 (N)	10.81	3.00	0.00

13:45 - 14:00

Demand (Veh/TS)

		To		
		A - L8021 (S)	B - Site Access	C - L8021 (N)
From	A - L8021 (S)	0.00	0.00	9.92
	B - Site Access	0.00	0.00	3.21
	C - L8021 (N)	12.01	3.00	0.00

14:00 - 14:15

Demand (Veh/TS)

		To		
		A - L8021 (S)	B - Site Access	C - L8021 (N)
From	A - L8021 (S)	0.00	0.00	13.52
	B - Site Access	0.00	0.00	3.42
	C - L8021 (N)	9.04	3.33	0.00

14:15 - 14:30

Demand (Veh/TS)

		To		
		A - L8021 (S)	B - Site Access	C - L8021 (N)
From	A - L8021 (S)	0.00	0.00	6.32
	B - Site Access	0.00	0.00	3.42
	C - L8021 (N)	4.80	3.33	0.00

14:30 - 14:45

Demand (Veh/TS)

		To		
		A - L8021 (S)	B - Site Access	C - L8021 (N)
From	A - L8021 (S)	0.00	0.00	9.92
	B - Site Access	0.00	0.00	3.42
	C - L8021 (N)	14.41	3.33	0.00

14:45 - 15:00

Demand (Veh/TS)

		To		
		A - L8021 (S)	B - Site Access	C - L8021 (N)
From	A - L8021 (S)	0.00	0.00	10.81
	B - Site Access	0.00	0.00	3.42
	C - L8021 (N)	7.20	3.33	0.00

15:00 - 15:15

Demand (Veh/TS)

		To		
		A - L8021 (S)	B - Site Access	C - L8021 (N)
From	A - L8021 (S)	0.00	0.00	9.61
	B - Site Access	0.00	0.00	2.25
	C - L8021 (N)	19.84	2.67	0.00

15:15 - 15:30

Demand (Veh/TS)

		To		
		A - L8021 (S)	B - Site Access	C - L8021 (N)
From	A - L8021 (S)	0.00	0.00	9.92
	B - Site Access	0.00	0.00	2.25
	C - L8021 (N)	16.87	2.67	0.00

15:30 - 15:45

Demand (Veh/TS)

		To		
		A - L8021 (S)	B - Site Access	C - L8021 (N)
From	A - L8021 (S)	0.00	0.00	12.01
	B - Site Access	0.00	0.00	2.25
	C - L8021 (N)	7.84	2.67	0.00

15:45 - 16:00

Demand (Veh/TS)

		To		
		A - L8021 (S)	B - Site Access	C - L8021 (N)
From	A - L8021 (S)	0.00	0.00	20.16
	B - Site Access	0.00	0.00	2.25
	C - L8021 (N)	9.92	2.67	0.00

16:00 - 16:15

Demand (Veh/TS)

		To		
		A - L8021 (S)	B - Site Access	C - L8021 (N)
From	A - L8021 (S)	0.00	0.00	17.13
	B - Site Access	0.00	0.00	2.10
	C - L8021 (N)	13.52	2.07	0.00

16:15 - 16:30

Demand (Veh/TS)

		To		
		A - L8021 (S)	B - Site Access	C - L8021 (N)
From	A - L8021 (S)	0.00	0.00	14.72
	B - Site Access	0.00	0.00	2.10
	C - L8021 (N)	11.12	2.07	0.00

16:30 - 16:45

Demand (Veh/TS)

		To		
		A - L8021 (S)	B - Site Access	C - L8021 (N)
From	A - L8021 (S)	0.00	0.00	8.40
	B - Site Access	0.00	0.00	2.10
	C - L8021 (N)	7.84	2.07	0.00

16:45 - 17:00

Demand (Veh/TS)

		To		
		A - L8021 (S)	B - Site Access	C - L8021 (N)
From	A - L8021 (S)	0.00	0.00	13.21
	B - Site Access	2.85	0.00	46.75
	C - L8021 (N)	20.73	2.07	0.00

17:00 - 17:15

Demand (Veh/TS)

		To		
		A - L8021 (S)	B - Site Access	C - L8021 (N)
From	A - L8021 (S)	0.00	0.00	13.84
	B - Site Access	2.85	0.00	47.17
	C - L8021 (N)	19.21	0.72	0.00

17:15 - 17:30

Demand (Veh/TS)

		To		
		A - L8021 (S)	B - Site Access	C - L8021 (N)
From	A - L8021 (S)	0.00	0.00	13.21
	B - Site Access	2.85	0.00	47.17
	C - L8021 (N)	18.33	0.72	0.00

17:30 - 17:45

Demand (Veh/TS)

		To		
		A - L8021 (S)	B - Site Access	C - L8021 (N)
From	A - L8021 (S)	0.00	0.00	17.44
	B - Site Access	2.85	0.00	47.17
	C - L8021 (N)	16.81	0.72	0.00

17:45 - 18:00

Demand (Veh/TS)

		To		
		A - L8021 (S)	B - Site Access	C - L8021 (N)
From	A - L8021 (S)	0.00	0.00	13.52
	B - Site Access	0.00	0.00	2.52
	C - L8021 (N)	9.61	0.72	0.00

18:00 - 18:15

Demand (Veh/TS)

		To		
		A - L8021 (S)	B - Site Access	C - L8021 (N)
From	A - L8021 (S)	0.00	0.00	14.41
	B - Site Access	0.00	0.00	0.72
	C - L8021 (N)	16.81	1.50	0.00

18:15 - 18:30

Demand (Veh/TS)

		To		
		A - L8021 (S)	B - Site Access	C - L8021 (N)
From	A - L8021 (S)	0.00	0.00	15.04
	B - Site Access	0.00	0.00	0.72
	C - L8021 (N)	13.21	1.50	0.00

18:30 - 18:45

Demand (Veh/TS)

		To		
		A - L8021 (S)	B - Site Access	C - L8021 (N)
From	A - L8021 (S)	0.00	0.00	4.80
	B - Site Access	0.00	0.00	0.72
	C - L8021 (N)	13.21	1.50	0.00

18:45 - 19:00

Demand (Veh/TS)

		To		
		A - L8021 (S)	B - Site Access	C - L8021 (N)
From	A - L8021 (S)	0.00	0.00	9.61
	B - Site Access	0.00	0.00	0.72
	C - L8021 (N)	14.72	1.50	0.00

Vehicle Mix

07:00 - 07:15

Heavy Vehicle Percentages

		To		
		A - L8021 (S)	B - Site Access	C - L8021 (N)
From	A - L8021 (S)	0	0	17
	B - Site Access	0	0	100
	C - L8021 (N)	0	100	0

07:15 - 07:30

Heavy Vehicle Percentages

		To		
		A - L8021 (S)	B - Site Access	C - L8021 (N)
From	A - L8021 (S)	0	0	0
	B - Site Access	0	0	100
	C - L8021 (N)	39	100	0

07:30 - 07:45

Heavy Vehicle Percentages

		To		
		A - L8021 (S)	B - Site Access	C - L8021 (N)
From	A - L8021 (S)	0	0	0
	B - Site Access	0	0	100
	C - L8021 (N)	0	100	0

07:45 - 08:00

Heavy Vehicle Percentages

		To		
		A - L8021 (S)	B - Site Access	C - L8021 (N)
From	A - L8021 (S)	0	0	7
	B - Site Access	0	0	100
	C - L8021 (N)	0	9	0

08:00 - 08:15

Heavy Vehicle Percentages

		To		
		A - L8021 (S)	B - Site Access	C - L8021 (N)
From	A - L8021 (S)	0	0	0
	B - Site Access	0	0	100
	C - L8021 (N)	22	6	0

08:15 - 08:30

Heavy Vehicle Percentages

		To		
		A - L8021 (S)	B - Site Access	C - L8021 (N)
From	A - L8021 (S)	0	0	0
	B - Site Access	0	0	100
	C - L8021 (N)	0	6	0

08:30 - 08:45

Heavy Vehicle Percentages

		To		
		A - L8021 (S)	B - Site Access	C - L8021 (N)
From	A - L8021 (S)	0	0	7
	B - Site Access	0	0	100
	C - L8021 (N)	20	6	0

08:45 - 09:00

Heavy Vehicle Percentages

		To		
		A - L8021 (S)	B - Site Access	C - L8021 (N)
From	A - L8021 (S)	0	0	10
	B - Site Access	0	0	100
	C - L8021 (N)	0	100	0

09:00 - 09:15

Heavy Vehicle Percentages

		To		
		A - L8021 (S)	B - Site Access	C - L8021 (N)
From	A - L8021 (S)	0	0	10
	B - Site Access	0	0	100
	C - L8021 (N)	20	100	0

09:15 - 09:30

Heavy Vehicle Percentages

		To		
		A - L8021 (S)	B - Site Access	C - L8021 (N)
From	A - L8021 (S)	0	0	0
	B - Site Access	0	0	100
	C - L8021 (N)	24	100	0

09:30 - 09:45

Heavy Vehicle Percentages

		To		
		A - L8021 (S)	B - Site Access	C - L8021 (N)
From	A - L8021 (S)	0	0	0
	B - Site Access	0	0	100
	C - L8021 (N)	30	100	0

09:45 - 10:00

Heavy Vehicle Percentages

		To		
		A - L8021 (S)	B - Site Access	C - L8021 (N)
From	A - L8021 (S)	0	0	9
	B - Site Access	0	0	100
	C - L8021 (N)	24	100	0

10:00 - 10:15

Heavy Vehicle Percentages

		To		
		A - L8021 (S)	B - Site Access	C - L8021 (N)
From	A - L8021 (S)	0	0	11
	B - Site Access	0	0	100
	C - L8021 (N)	0	100	0

10:15 - 10:30

Heavy Vehicle Percentages

		To		
		A - L8021 (S)	B - Site Access	C - L8021 (N)
From	A - L8021 (S)	0	0	0
	B - Site Access	0	0	100
	C - L8021 (N)	0	100	0

10:30 - 10:45

Heavy Vehicle Percentages

		To		
		A - L8021 (S)	B - Site Access	C - L8021 (N)
From	A - L8021 (S)	0	0	0
	B - Site Access	0	0	100
	C - L8021 (N)	0	100	0

10:45 - 11:00

Heavy Vehicle Percentages

		To		
		A - L8021 (S)	B - Site Access	C - L8021 (N)
From	A - L8021 (S)	0	0	20
	B - Site Access	0	0	100
	C - L8021 (N)	46	100	0

Heavy Vehicle Percentages

11:00 - 11:15

		To		
		A - L8021 (S)	B - Site Access	C - L8021 (N)
From	A - L8021 (S)	0	0	17
	B - Site Access	0	0	100
	C - L8021 (N)	17	100	0

Heavy Vehicle Percentages

11:15 - 11:30

		To		
		A - L8021 (S)	B - Site Access	C - L8021 (N)
From	A - L8021 (S)	0	0	0
	B - Site Access	0	0	100
	C - L8021 (N)	0	100	0

Heavy Vehicle Percentages

11:30 - 11:45

		To		
		A - L8021 (S)	B - Site Access	C - L8021 (N)
From	A - L8021 (S)	0	0	17
	B - Site Access	0	0	100
	C - L8021 (N)	17	100	0

Heavy Vehicle Percentages

11:45 - 12:00

		To		
		A - L8021 (S)	B - Site Access	C - L8021 (N)
From	A - L8021 (S)	0	0	11
	B - Site Access	0	0	100
	C - L8021 (N)	0	100	0

Heavy Vehicle Percentages

12:00 - 12:15

		To		
		A - L8021 (S)	B - Site Access	C - L8021 (N)
From	A - L8021 (S)	0	0	17
	B - Site Access	0	0	100
	C - L8021 (N)	17	100	0

Heavy Vehicle Percentages

12:15 - 12:30

		To		
		A - L8021 (S)	B - Site Access	C - L8021 (N)
From	A - L8021 (S)	0	0	20
	B - Site Access	0	0	100
	C - L8021 (N)	0	100	0

Heavy Vehicle Percentages

12:30 - 12:45

		To		
		A - L8021 (S)	B - Site Access	C - L8021 (N)
From	A - L8021 (S)	0	0	0
	B - Site Access	0	0	100
	C - L8021 (N)	0	100	0

12:45 - 13:00

Heavy Vehicle Percentages

		To		
		A - L8021 (S)	B - Site Access	C - L8021 (N)
From	A - L8021 (S)	0	0	20
	B - Site Access	0	0	100
	C - L8021 (N)	56	100	0

Heavy Vehicle Percentages

13:00 - 13:15

		To		
		A - L8021 (S)	B - Site Access	C - L8021 (N)
From	A - L8021 (S)	0	0	0
	B - Site Access	0	0	100
	C - L8021 (N)	0	100	0

Heavy Vehicle Percentages

13:15 - 13:30

		To		
		A - L8021 (S)	B - Site Access	C - L8021 (N)
From	A - L8021 (S)	0	0	22
	B - Site Access	0	0	100
	C - L8021 (N)	0	100	0

Heavy Vehicle Percentages

13:30 - 13:45

		To		
		A - L8021 (S)	B - Site Access	C - L8021 (N)
From	A - L8021 (S)	0	0	0
	B - Site Access	0	0	100
	C - L8021 (N)	0	100	0

Heavy Vehicle Percentages

13:45 - 14:00

		To		
		A - L8021 (S)	B - Site Access	C - L8021 (N)
From	A - L8021 (S)	0	0	15
	B - Site Access	0	0	100
	C - L8021 (N)	0	100	0

Heavy Vehicle Percentages

14:00 - 14:15

		To		
		A - L8021 (S)	B - Site Access	C - L8021 (N)
From	A - L8021 (S)	0	0	11
	B - Site Access	0	0	100
	C - L8021 (N)	34	100	0

Heavy Vehicle Percentages

14:15 - 14:30

		To		
		A - L8021 (S)	B - Site Access	C - L8021 (N)
From	A - L8021 (S)	0	0	24
	B - Site Access	0	0	100
	C - L8021 (N)	0	100	0

Heavy Vehicle Percentages

14:30 - 14:45

		To		
		A - L8021 (S)	B - Site Access	C - L8021 (N)
From	A - L8021 (S)	0	0	15
	B - Site Access	0	0	100
	C - L8021 (N)	0	100	0

14:45 - 15:00

Heavy Vehicle Percentages

		To		
		A - L8021 (S)	B - Site Access	C - L8021 (N)
From	A - L8021 (S)	0	0	0
	B - Site Access	0	0	100
	C - L8021 (N)	0	100	0

15:00 - 15:15

Heavy Vehicle Percentages

		To		
		A - L8021 (S)	B - Site Access	C - L8021 (N)
From	A - L8021 (S)	0	0	0
	B - Site Access	0	0	100
	C - L8021 (N)	15	100	0

15:15 - 15:30

Heavy Vehicle Percentages

		To		
		A - L8021 (S)	B - Site Access	C - L8021 (N)
From	A - L8021 (S)	0	0	15
	B - Site Access	0	0	100
	C - L8021 (N)	36	100	0

15:30 - 15:45

Heavy Vehicle Percentages

		To		
		A - L8021 (S)	B - Site Access	C - L8021 (N)
From	A - L8021 (S)	0	0	0
	B - Site Access	0	0	100
	C - L8021 (N)	39	100	0

15:45 - 16:00

Heavy Vehicle Percentages

		To		
		A - L8021 (S)	B - Site Access	C - L8021 (N)
From	A - L8021 (S)	0	0	23
	B - Site Access	0	0	100
	C - L8021 (N)	15	100	0

16:00 - 16:15

Heavy Vehicle Percentages

		To		
		A - L8021 (S)	B - Site Access	C - L8021 (N)
From	A - L8021 (S)	0	0	9
	B - Site Access	0	0	100
	C - L8021 (N)	11	100	0

16:15 - 16:30

Heavy Vehicle Percentages

		To		
		A - L8021 (S)	B - Site Access	C - L8021 (N)
From	A - L8021 (S)	0	0	10
	B - Site Access	0	0	100
	C - L8021 (N)	14	100	0

16:30 - 16:45

Heavy Vehicle Percentages

		To		
		A - L8021 (S)	B - Site Access	C - L8021 (N)
From	A - L8021 (S)	0	0	0
	B - Site Access	0	0	100
	C - L8021 (N)	39	100	0

16:45 - 17:00

Heavy Vehicle Percentages

		To		
		A - L8021 (S)	B - Site Access	C - L8021 (N)
From	A - L8021 (S)	0	0	0
	B - Site Access	0	0	4
	C - L8021 (N)	7	100	0

Heavy Vehicle Percentages

17:00 - 17:15

		To		
		A - L8021 (S)	B - Site Access	C - L8021 (N)
From	A - L8021 (S)	0	0	22
	B - Site Access	0	0	5
	C - L8021 (N)	0	100	0

Heavy Vehicle Percentages

17:15 - 17:30

		To		
		A - L8021 (S)	B - Site Access	C - L8021 (N)
From	A - L8021 (S)	0	0	0
	B - Site Access	0	0	5
	C - L8021 (N)	8	100	0

Heavy Vehicle Percentages

17:30 - 17:45

		To		
		A - L8021 (S)	B - Site Access	C - L8021 (N)
From	A - L8021 (S)	0	0	17
	B - Site Access	0	0	5
	C - L8021 (N)	0	100	0

Heavy Vehicle Percentages

17:45 - 18:00

		To		
		A - L8021 (S)	B - Site Access	C - L8021 (N)
From	A - L8021 (S)	0	0	11
	B - Site Access	0	0	100
	C - L8021 (N)	0	100	0

Heavy Vehicle Percentages

18:00 - 18:15

		To		
		A - L8021 (S)	B - Site Access	C - L8021 (N)
From	A - L8021 (S)	0	0	0
	B - Site Access	0	0	100
	C - L8021 (N)	0	100	0

Heavy Vehicle Percentages

18:15 - 18:30

		To		
		A - L8021 (S)	B - Site Access	C - L8021 (N)
From	A - L8021 (S)	0	0	20
	B - Site Access	0	0	100
	C - L8021 (N)	0	100	0

Heavy Vehicle Percentages

18:30 - 18:45

		To		
		A - L8021 (S)	B - Site Access	C - L8021 (N)
From	A - L8021 (S)	0	0	0
	B - Site Access	0	0	100
	C - L8021 (N)	0	100	0

18:45 - 19:00

Heavy Vehicle Percentages

		To		
		A - L8021 (S)	B - Site Access	C - L8021 (N)
From	A - L8021 (S)	0	0	0
	B - Site Access	0	0	100
	C - L8021 (N)	10	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	0.27	9.96	0.3	A	6.22	298.60
B-A	0.02	7.64	0.0	A	0.24	11.40
C-AB	0.37	12.14	0.5	B	6.96	333.94
C-A					9.44	452.94
A-B					0.20	9.50
A-C					12.25	587.95

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	2.64	2.64	95.48	0.028	2.61	0.0	0.0	9.688	A
B-A	0.00	0.00	124.56	0.000	0.00	0.0	0.0	0.000	A
C-AB	4.78	4.78	79.30	0.060	4.71	0.0	0.1	12.057	B
C-A	3.38	3.38			3.38				
A-B	0.00	0.00			0.00				
A-C	8.72	8.72			8.72				

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	2.64	2.64	95.76	0.028	2.64	0.0	0.0	9.665	A
B-A	0.00	0.00	124.68	0.000	0.00	0.0	0.0	0.000	A
C-AB	4.80	4.80	79.55	0.060	4.80	0.1	0.1	11.993	B
C-A	3.68	3.68			3.68				
A-B	0.00	0.00			0.00				
A-C	8.40	8.40			8.40				

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	2.64	2.64	95.39	0.028	2.64	0.0	0.0	9.702	A
B-A	0.00	0.00	124.38	0.000	0.00	0.0	0.0	0.000	A
C-AB	4.78	4.78	79.25	0.060	4.78	0.1	0.1	12.137	B
C-A	3.38	3.38			3.38				
A-B	0.00	0.00			0.00				
A-C	10.81	10.81			10.81				

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	2.64	2.64	93.53	0.028	2.64	0.0	0.0	9.901	A
B-A	0.00	0.00	104.98	0.000	0.00	0.0	0.0	0.000	A
C-AB	53.26	53.26	143.17	0.372	52.66	0.1	0.7	10.932	B
C-A	6.03	6.03			6.03				
A-B	2.38	2.38			2.38				
A-C	20.73	20.73			20.73				

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	2.79	2.79	94.53	0.030	2.79	0.0	0.0	9.809	A
B-A	0.00	0.00	106.31	0.000	0.00	0.0	0.0	0.000	A
C-AB	53.14	53.14	150.26	0.354	53.21	0.7	0.6	9.338	A
C-A	8.89	8.89			8.89				
A-B	2.38	2.38			2.38				
A-C	15.61	15.61			15.61				

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	2.79	2.79	93.81	0.030	2.79	0.0	0.0	9.887	A
B-A	0.00	0.00	106.46	0.000	0.00	0.0	0.0	0.000	A
C-AB	51.15	51.15	146.46	0.349	51.18	0.6	0.6	9.580	A
C-A	5.44	5.44			5.44				
A-B	2.38	2.38			2.38				
A-C	20.41	20.41			20.41				

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	2.79	2.79	93.17	0.030	2.79	0.0	0.0	9.957	A
B-A	0.00	0.00	105.36	0.000	0.00	0.0	0.0	0.000	A
C-AB	50.86	50.86	144.45	0.352	50.87	0.6	0.6	9.550	A
C-A	4.84	4.84			4.84				
A-B	2.38	2.38			2.38				
A-C	23.13	23.13			23.13				

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	2.79	2.79	94.58	0.030	2.79	0.0	0.0	9.806	A
B-A	0.00	0.00	123.76	0.000	0.00	0.0	0.0	0.000	A
C-AB	3.27	3.27	85.47	0.041	3.82	0.6	0.0	6.762	A
C-A	4.59	4.59			4.59				
A-B	0.00	0.00			0.00				
A-C	14.72	14.72			14.72				

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	3.15	3.15	94.58	0.033	3.15	0.0	0.0	9.843	A
B-A	0.00	0.00	122.83	0.000	0.00	0.0	0.0	0.000	A
C-AB	4.13	4.13	81.60	0.051	4.10	0.0	0.1	11.633	B
C-A	7.14	7.14			7.14				
A-B	0.00	0.00			0.00				
A-C	14.72	14.72			14.72				

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	3.15	3.15	94.49	0.033	3.15	0.0	0.0	9.852	A
B-A	0.00	0.00	121.67	0.000	0.00	0.0	0.0	0.000	A
C-AB	4.41	4.41	85.56	0.052	4.40	0.1	0.1	11.205	B
C-A	11.98	11.98			11.98				
A-B	0.00	0.00			0.00				
A-C	16.81	16.81			16.81				

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	3.15	3.15	94.49	0.033	3.15	0.0	0.0	9.852	A
B-A	0.00	0.00	123.04	0.000	0.00	0.0	0.0	0.000	A
C-AB	4.01	4.01	79.59	0.050	4.02	0.1	0.1	11.691	B
C-A	4.86	4.86			4.86				
A-B	0.00	0.00			0.00				
A-C	16.81	16.81			16.81				

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	3.15	3.15	94.22	0.033	3.15	0.0	0.0	9.882	A
B-A	0.00	0.00	122.42	0.000	0.00	0.0	0.0	0.000	A
C-AB	4.07	4.07	80.33	0.051	4.07	0.1	0.1	11.850	B
C-A	5.99	5.99			5.99				
A-B	0.00	0.00			0.00				
A-C	17.13	17.13			17.13				

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	2.58	2.58	94.76	0.027	2.59	0.0	0.0	9.764	A
B-A	0.00	0.00	123.96	0.000	0.00	0.0	0.0	0.000	A
C-AB	2.68	2.68	83.77	0.032	2.70	0.1	0.0	11.305	B
C-A	9.29	9.29			9.29				
A-B	0.00	0.00			0.00				
A-C	13.52	13.52			13.52				

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	2.58	2.58	95.94	0.027	2.58	0.0	0.0	9.640	A
B-A	0.00	0.00	126.41	0.000	0.00	0.0	0.0	0.000	A
C-AB	2.56	2.56	81.72	0.031	2.56	0.0	0.0	11.243	B
C-A	5.81	5.81			5.81				
A-B	0.00	0.00			0.00				
A-C	7.20	7.20			7.20				

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	2.58	2.58	95.57	0.027	2.58	0.0	0.0	9.679	A
B-A	0.00	0.00	125.47	0.000	0.00	0.0	0.0	0.000	A
C-AB	2.64	2.64	83.40	0.032	2.64	0.0	0.0	11.224	B
C-A	8.14	8.14			8.14				
A-B	0.00	0.00			0.00				
A-C	9.61	9.61			9.61				

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	2.58	2.58	95.66	0.027	2.58	0.0	0.0	9.670	A
B-A	0.00	0.00	125.41	0.000	0.00	0.0	0.0	0.000	A
C-AB	2.58	2.58	81.50	0.032	2.58	0.0	0.0	11.237	B
C-A	6.42	6.42			6.42				
A-B	0.00	0.00			0.00				
A-C	7.52	7.52			7.52				

11:00 - 11:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	2.31	2.31	95.48	0.024	2.31	0.0	0.0	9.661	A
B-A	0.00	0.00	124.98	0.000	0.00	0.0	0.0	0.000	A
C-AB	2.75	2.75	83.31	0.033	2.75	0.0	0.0	11.292	B
C-A	8.43	8.43			8.43				
A-B	0.00	0.00			0.00				
A-C	8.72	8.72			8.72				

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	2.31	2.31	95.76	0.024	2.31	0.0	0.0	9.630	A
B-A	0.00	0.00	125.88	0.000	0.00	0.0	0.0	0.000	A
C-AB	2.70	2.70	82.55	0.033	2.70	0.0	0.0	11.273	B
C-A	6.97	6.97			6.97				
A-B	0.00	0.00			0.00				
A-C	8.40	8.40			8.40				

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	2.31	2.31	95.48	0.024	2.31	0.0	0.0	9.659	A
B-A	0.00	0.00	124.98	0.000	0.00	0.0	0.0	0.000	A
C-AB	2.75	2.75	83.34	0.033	2.75	0.0	0.0	11.165	B
C-A	8.43	8.43			8.43				
A-B	0.00	0.00			0.00				
A-C	8.72	8.72			8.72				

11:45 - 12:00

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	2.31	2.31	94.76	0.024	2.31	0.0	0.0	9.734	A
B-A	0.00	0.00	124.46	0.000	0.00	0.0	0.0	0.000	A
C-AB	2.66	2.66	80.77	0.033	2.66	0.0	0.0	11.485	B
C-A	5.80	5.80			5.80				
A-B	0.00	0.00			0.00				
A-C	13.52	13.52			13.52				

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	2.31	2.31	95.48	0.024	2.31	0.0	0.0	9.659	A
B-A	0.00	0.00	125.41	0.000	0.00	0.0	0.0	0.000	A
C-AB	2.05	2.05	83.34	0.025	2.06	0.0	0.0	11.113	B
C-A	8.50	8.50			8.50				
A-B	0.00	0.00			0.00				
A-C	8.72	8.72			8.72				

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	2.31	2.31	95.66	0.024	2.31	0.0	0.0	9.640	A
B-A	0.00	0.00	126.35	0.000	0.00	0.0	0.0	0.000	A
C-AB	1.98	1.98	81.48	0.024	1.98	0.0	0.0	11.281	B
C-A	5.86	5.86			5.86				
A-B	0.00	0.00			0.00				
A-C	7.52	7.52			7.52				

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	2.31	2.31	95.76	0.024	2.31	0.0	0.0	9.630	A
B-A	0.00	0.00	126.68	0.000	0.00	0.0	0.0	0.000	A
C-AB	1.95	1.95	80.55	0.024	1.95	0.0	0.0	11.409	B
C-A	4.68	4.68			4.68				
A-B	0.00	0.00			0.00				
A-C	8.40	8.40			8.40				

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	2.31	2.31	95.66	0.024	2.31	0.0	0.0	9.640	A
B-A	0.00	0.00	126.61	0.000	0.00	0.0	0.0	0.000	A
C-AB	1.90	1.90	78.48	0.024	1.90	0.0	0.0	11.617	B
C-A	2.65	2.65			2.65				
A-B	0.00	0.00			0.00				
A-C	7.52	7.52			7.52				

13:00 - 13:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	3.21	3.21	95.39	0.034	3.20	0.0	0.0	9.760	A
B-A	0.00	0.00	125.30	0.000	0.00	0.0	0.0	0.000	A
C-AB	3.19	3.19	80.23	0.040	3.18	0.0	0.0	11.778	B
C-A	4.61	4.61			4.61				
A-B	0.00	0.00			0.00				
A-C	10.81	10.81			10.81				

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	3.21	3.21	94.48	0.034	3.21	0.0	0.0	9.860	A
B-A	0.00	0.00	121.83	0.000	0.00	0.0	0.0	0.000	A
C-AB	3.76	3.76	90.52	0.041	3.75	0.0	0.1	10.751	B
C-A	17.25	17.25			17.25				
A-B	0.00	0.00			0.00				
A-C	13.84	13.84			13.84				

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	3.21	3.21	95.76	0.034	3.21	0.0	0.0	9.726	A
B-A	0.00	0.00	124.95	0.000	0.00	0.0	0.0	0.000	A
C-AB	3.44	3.44	85.62	0.040	3.45	0.1	0.0	10.730	B
C-A	10.37	10.37			10.37				
A-B	0.00	0.00			0.00				
A-C	8.40	8.40			8.40				

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	3.21	3.21	95.30	0.034	3.21	0.0	0.0	9.772	A
B-A	0.00	0.00	124.04	0.000	0.00	0.0	0.0	0.000	A
C-AB	3.49	3.49	86.21	0.041	3.49	0.0	0.0	10.922	B
C-A	11.51	11.51			11.51				
A-B	0.00	0.00			0.00				
A-C	9.92	9.92			9.92				

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	3.42	3.42	94.76	0.036	3.42	0.0	0.0	9.853	A
B-A	0.00	0.00	122.94	0.000	0.00	0.0	0.0	0.000	A
C-AB	3.74	3.74	82.81	0.045	3.74	0.0	0.1	11.186	B
C-A	8.62	8.62			8.62				
A-B	0.00	0.00			0.00				
A-C	13.52	13.52			13.52				

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	3.42	3.42	95.84	0.036	3.42	0.0	0.0	9.737	A
B-A	0.00	0.00	125.77	0.000	0.00	0.0	0.0	0.000	A
C-AB	3.54	3.54	80.62	0.044	3.55	0.1	0.0	11.636	B
C-A	4.59	4.59			4.59				
A-B	0.00	0.00			0.00				
A-C	6.32	6.32			6.32				

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	3.42	3.42	95.30	0.036	3.42	0.0	0.0	9.795	A
B-A	0.00	0.00	123.45	0.000	0.00	0.0	0.0	0.000	A
C-AB	3.99	3.99	88.16	0.045	3.98	0.0	0.1	10.985	B
C-A	13.75	13.75			13.75				
A-B	0.00	0.00			0.00				
A-C	9.92	9.92			9.92				

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	3.42	3.42	95.39	0.036	3.42	0.0	0.0	9.784	A
B-A	0.00	0.00	124.69	0.000	0.00	0.0	0.0	0.000	A
C-AB	3.65	3.65	82.32	0.044	3.66	0.1	0.0	11.201	B
C-A	6.88	6.88			6.88				
A-B	0.00	0.00			0.00				
A-C	10.81	10.81			10.81				

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	2.25	2.25	95.57	0.024	2.26	0.0	0.0	9.645	A
B-A	0.00	0.00	123.06	0.000	0.00	0.0	0.0	0.000	A
C-AB	3.41	3.41	92.40	0.037	3.41	0.0	0.0	10.394	B
C-A	19.10	19.10			19.10				
A-B	0.00	0.00			0.00				
A-C	9.61	9.61			9.61				

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	2.25	2.25	95.30	0.024	2.25	0.0	0.0	9.673	A
B-A	0.00	0.00	122.61	0.000	0.00	0.0	0.0	0.000	A
C-AB	3.30	3.30	89.27	0.037	3.30	0.0	0.0	10.296	B
C-A	16.24	16.24			16.24				
A-B	0.00	0.00			0.00				
A-C	9.92	9.92			9.92				

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	2.25	2.25	95.21	0.024	2.25	0.0	0.0	9.682	A
B-A	0.00	0.00	124.31	0.000	0.00	0.0	0.0	0.000	A
C-AB	2.96	2.96	82.17	0.036	2.96	0.0	0.0	11.169	B
C-A	7.55	7.55			7.55				
A-B	0.00	0.00			0.00				
A-C	12.01	12.01			12.01				

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	2.25	2.25	93.30	0.024	2.25	0.0	0.0	9.883	A
B-A	0.00	0.00	121.16	0.000	0.00	0.0	0.0	0.000	A
C-AB	3.04	3.04	82.62	0.037	3.04	0.0	0.0	11.438	B
C-A	9.55	9.55			9.55				
A-B	0.00	0.00			0.00				
A-C	20.16	20.16			20.16				

16:00 - 16:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	2.10	2.10	94.22	0.022	2.10	0.0	0.0	9.772	A
B-A	0.00	0.00	122.49	0.000	0.00	0.0	0.0	0.000	A
C-AB	2.46	2.46	86.37	0.028	2.47	0.0	0.0	10.852	B
C-A	13.13	13.13			13.13				
A-B	0.00	0.00			0.00				
A-C	17.13	17.13			17.13				

16:15 - 16:30

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	2.10	2.10	94.58	0.022	2.10	0.0	0.0	9.731	A
B-A	0.00	0.00	123.44	0.000	0.00	0.0	0.0	0.000	A
C-AB	2.39	2.39	84.67	0.028	2.39	0.0	0.0	10.862	B
C-A	10.80	10.80			10.80				
A-B	0.00	0.00			0.00				
A-C	14.72	14.72			14.72				

16:30 - 16:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	2.10	2.10	95.76	0.022	2.10	0.0	0.0	9.609	A
B-A	0.00	0.00	125.59	0.000	0.00	0.0	0.0	0.000	A
C-AB	2.29	2.29	82.58	0.028	2.29	0.0	0.0	11.047	B
C-A	7.62	7.62			7.62				
A-B	0.00	0.00			0.00				
A-C	8.40	8.40			8.40				

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	46.75	46.75	180.47	0.259	46.41	0.0	0.4	7.051	A
B-A	2.85	2.85	120.76	0.024	2.83	0.0	0.0	7.629	A
C-AB	2.67	2.67	92.95	0.029	2.67	0.0	0.0	10.357	B
C-A	20.12	20.12			20.12				
A-B	0.00	0.00			0.00				
A-C	13.21	13.21			13.21				

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	47.17	47.17	178.07	0.265	47.17	0.4	0.4	6.838	A
B-A	2.85	2.85	121.14	0.024	2.85	0.0	0.0	7.607	A
C-AB	0.92	0.92	91.83	0.010	0.95	0.0	0.0	9.937	A
C-A	19.01	19.01			19.01				
A-B	0.00	0.00			0.00				
A-C	13.84	13.84			13.84				

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	47.17	47.17	179.11	0.263	47.17	0.4	0.4	6.820	A
B-A	2.85	2.85	121.96	0.023	2.85	0.0	0.0	7.555	A
C-AB	0.90	0.90	91.04	0.010	0.90	0.0	0.0	9.902	A
C-A	18.14	18.14			18.14				
A-B	0.00	0.00			0.00				
A-C	13.21	13.21			13.21				

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	47.17	47.17	177.03	0.266	47.17	0.4	0.4	6.929	A
B-A	2.85	2.85	120.61	0.024	2.85	0.0	0.0	7.641	A
C-AB	0.89	0.89	89.17	0.010	0.89	0.0	0.0	10.207	B
C-A	16.64	16.64			16.64				
A-B	0.00	0.00			0.00				
A-C	17.44	17.44			17.44				

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	2.52	2.52	100.76	0.027	2.87	0.4	0.0	5.329	A
B-A	0.00	0.00	125.13	0.000	0.02	0.0	0.0	0.000	A
C-AB	0.81	0.81	83.82	0.010	0.81	0.0	0.0	10.622	B
C-A	9.51	9.51			9.51				
A-B	0.00	0.00			0.00				
A-C	13.52	13.52			13.52				

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	0.72	0.72	94.85	0.008	0.73	0.0	0.0	9.563	A
B-A	0.00	0.00	123.66	0.000	0.00	0.0	0.0	0.000	A
C-AB	1.85	1.85	89.81	0.021	1.83	0.0	0.0	10.354	B
C-A	16.46	16.46			16.46				
A-B	0.00	0.00			0.00				
A-C	14.41	14.41			14.41				

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	0.72	0.72	94.30	0.008	0.72	0.0	0.0	9.616	A
B-A	0.00	0.00	123.31	0.000	0.00	0.0	0.0	0.000	A
C-AB	1.77	1.77	86.46	0.021	1.77	0.0	0.0	10.531	B
C-A	12.93	12.93			12.93				
A-B	0.00	0.00			0.00				
A-C	15.04	15.04			15.04				

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	0.72	0.72	96.30	0.007	0.72	0.0	0.0	9.416	A
B-A	0.00	0.00	126.50	0.000	0.00	0.0	0.0	0.000	A
C-AB	1.77	1.77	88.00	0.020	1.77	0.0	0.0	10.432	B
C-A	12.94	12.94			12.94				
A-B	0.00	0.00			0.00				
A-C	4.80	4.80			4.80				

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	0.72	0.72	95.57	0.008	0.72	0.0	0.0	9.487	A
B-A	0.00	0.00	124.89	0.000	0.00	0.0	0.0	0.000	A
C-AB	1.80	1.80	88.43	0.020	1.80	0.0	0.0	10.387	B
C-A	14.42	14.42			14.42				
A-B	0.00	0.00			0.00				
A-C	9.61	9.61			9.61				

Junctions 9

PICADY 9 - Priority Intersection Module

Filename: Junction 2B - Site Access Crossroads.j9
Path: W:\2022\P22-013\Modelling
Report generation date: 29/06/2022 15:42:00

Summary of junction performance

	12hrs			
	Queue (Veh)	Delay (s)	RFC	LOS
	Opening Year + Dev + Adj			
Stream B-CD	0.3	9.87	0.26	A
Stream B-AD	0.0	7.59	0.02	A
Stream A-BCD	0.0	0.00	0.00	A
Stream D-AB	0.0	0.00	0.00	A
Stream D-BC	0.0	7.44	0.03	A
Stream C-ABD	0.5	12.09	0.37	B

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

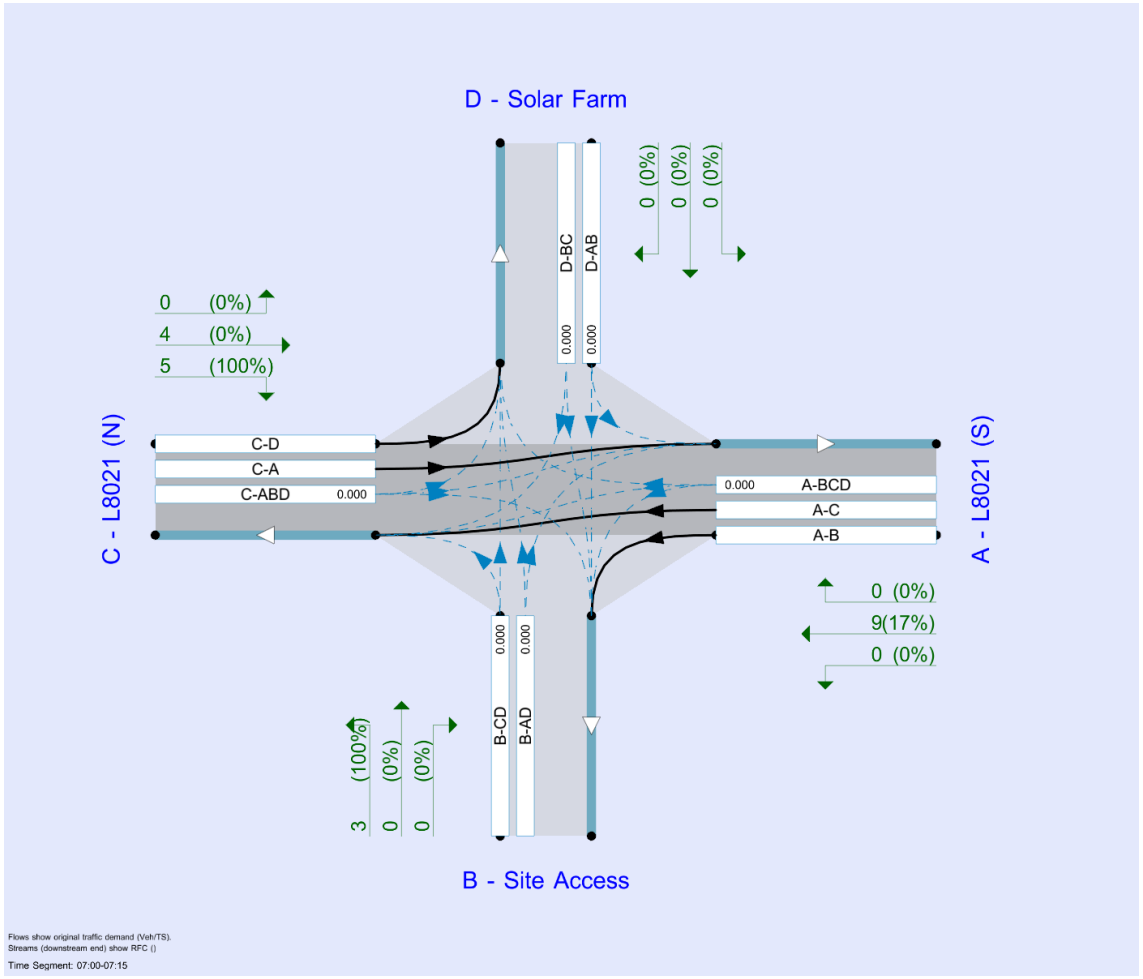
File summary

File Description

Title	
Location	
Site number	
Date	01/04/2022
Version	
Status	(new file)
Identifier	
Client	
Jobnumber	
Enumerator	PMCE\farnanr
Description	

Units

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



The junction diagram reflects the last run of Junctions.

Analysis Options

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

Analysis Set Details

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

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)	Relationship type	Relationship
D8	Opening Year +15 + Dev	12hrs	DIRECT	07:00	19:00	720	15	Simple	D3 + D4

Opening Year +15 + Dev, 12hrs

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Major road direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	Site Access	Crossroads	Two-way		4.81	A

Junction Network Options

Driving side	Lighting
Left	Normal/unknown

Arms

Arms

Arm	Name	Description	Arm type
A	L8021 (S)		Major
B	Site Access		Minor
C	L8021 (N)		Major
D	Solar Farm		Minor

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)
A - L8021 (S)	6.00			80.0	✓	0.00
C - L8021 (N)	6.00			80.0	✓	0.00

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

Minor Arm Geometry

Arm	Minor arm type	Width at give-way (m)	Width at 5m (m)	Width at 10m (m)	Width at 15m (m)	Width at 20m (m)	Estimate flare length	Flare length (PCU)	Visibility to left (m)	Visibility to right (m)
B - Site Access	One lane plus flare	10.00	9.50	7.00	5.20	4.20		1.00	75	50
D - Solar Farm	One lane plus flare	7.70	4.60	3.00	3.00	3.00		1.00	80	95

Slope / Intercept / Capacity

Priority Intersection Slopes and Intercepts

Junction	Stream	Intercept (Veh/TS)	Slope for A-B	Slope for A-C	Slope for A-D	Slope for B-A	Slope for B-C	Slope for B-D	Slope for C-A	Slope for C-B	Slope for C-D	Slope for D-A	Slope for D-B	Slope for D-C
1	A-D	155.073	-	-	-	-	-	-	0.240	0.343	0.240	-	-	-
1	B-A	130.706	0.095	0.241	0.241	-	-	-	0.151	0.344	-	0.241	0.241	0.120
1	B-C	194.038	0.119	0.301	-	-	-	-	-	-	-	-	-	-
1	B-D, nearside lane	155.955	0.114	0.287	0.287	-	-	-	0.181	0.410	0.181	-	-	-
1	B-D, offside lane	130.706	0.095	0.241	0.241	-	-	-	0.151	0.344	0.151	-	-	-
1	C-B	155.073	0.240	0.240	0.343	-	-	-	-	-	-	-	-	-
1	D-A	172.219	-	-	-	-	-	-	0.267	-	0.106	-	-	-
1	D-B, nearside lane	138.854	0.161	0.161	0.365	-	-	-	0.256	0.256	0.101	-	-	-
1	D-B, offside lane	138.854	0.161	0.161	0.365	-	-	-	0.256	0.256	0.101	-	-	-
1	D-C	138.854	-	0.161	0.365	0.128	0.256	0.256	0.256	0.256	0.101	-	-	-

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

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 - L8021 (S)		DIRECT	✓	100.000
B - Site Access		DIRECT	✓	100.000
C - L8021 (N)		DIRECT	✓	100.000
D - Solar Farm		DIRECT	✓	100.000

Origin-Destination Data

07:00 - 07:15

Demand (Veh/TS)

		To			
		A - L8021 (S)	**B - Site Access**	**C - L8021 (N)**	**D - Solar Farm**
From	**A - L8021 (S)**	0.00	0.00	8.72	0.00
	B - Site Access	0.00	0.00	2.64	0.00
	C - L8021 (N)	3.60	4.56	0.00	0.00
	D - Solar Farm	0.00	0.00	0.00	0.00

07:15 - 07:30

Demand (Veh/TS)

		To			
		A - L8021 (S)	**B - Site Access**	**C - L8021 (N)**	**D - Solar Farm**
From	**A - L8021 (S)**	0.00	0.00	8.40	0.00
	B - Site Access	0.00	0.00	2.64	0.00
	C - L8021 (N)	3.92	4.56	0.00	0.00
	D - Solar Farm	0.00	0.00	0.00	0.00

07:30 - 07:45

Demand (Veh/TS)

		To			
		A - L8021 (S)	**B - Site Access**	**C - L8021 (N)**	**D - Solar Farm**
From	**A - L8021 (S)**	0.00	2.38	10.81	0.00
	B - Site Access	0.00	0.00	2.64	0.00
	C - L8021 (N)	3.60	49.69	0.00	0.00
	D - Solar Farm	0.00	0.00	0.00	0.00

07:45 - 08:00

Demand (Veh/TS)

		To			
		A - L8021 (S)	**B - Site Access**	**C - L8021 (N)**	**D - Solar Farm**
From	**A - L8021 (S)**	0.00	2.38	20.73	0.00
	B - Site Access	0.00	0.00	2.64	0.00
	C - L8021 (N)	9.61	49.69	0.00	0.00
	D - Solar Farm	0.00	0.00	0.00	0.00

08:00 - 08:15

Demand (Veh/TS)

		To			
		A - L8021 (S)	**B - Site Access**	**C - L8021 (N)**	**D - Solar Farm**
From	**A - L8021 (S)**	0.00	2.38	15.61	0.00
	B - Site Access	0.00	0.00	2.79	0.00
	C - L8021 (N)	13.84	48.19	0.00	0.00
	D - Solar Farm	0.00	0.00	0.00	0.00

08:15 - 08:30

Demand (Veh/TS)

		To			
		A - L8021 (S)	B - Site Access	C - L8021 (N)	D - Solar Farm
From	A - L8021 (S)	0.00	2.38	20.41	0.00
	B - Site Access	0.00	0.00	2.79	0.00
	C - L8021 (N)	8.40	48.19	0.00	0.00
	D - Solar Farm	0.00	0.00	0.00	0.00

08:30 - 08:45

Demand (Veh/TS)

		To			
		A - L8021 (S)	B - Site Access	C - L8021 (N)	D - Solar Farm
From	A - L8021 (S)	0.00	0.00	23.13	0.00
	B - Site Access	0.00	0.00	2.79	0.00
	C - L8021 (N)	7.52	3.06	0.00	0.00
	D - Solar Farm	0.00	0.00	0.00	0.00

08:45 - 09:00

Demand (Veh/TS)

		To			
		A - L8021 (S)	B - Site Access	C - L8021 (N)	D - Solar Farm
From	A - L8021 (S)	0.00	0.00	14.72	0.00
	B - Site Access	0.00	0.00	2.79	0.00
	C - L8021 (N)	4.80	3.06	0.00	0.00
	D - Solar Farm	0.00	0.00	0.00	0.00

09:00 - 09:15

Demand (Veh/TS)

		To			
		A - L8021 (S)	B - Site Access	C - L8021 (N)	D - Solar Farm
From	A - L8021 (S)	0.00	0.00	14.72	0.00
	B - Site Access	0.00	0.00	3.15	0.00
	C - L8021 (N)	7.52	3.75	0.00	0.00
	D - Solar Farm	0.00	0.00	0.00	0.00

09:15 - 09:30

Demand (Veh/TS)

		To			
		A - L8021 (S)	B - Site Access	C - L8021 (N)	D - Solar Farm
From	A - L8021 (S)	0.00	0.00	16.81	0.00
	B - Site Access	0.00	0.00	3.15	0.00
	C - L8021 (N)	12.64	3.75	0.00	0.00
	D - Solar Farm	0.00	0.00	0.00	0.00

09:30 - 09:45

Demand (Veh/TS)

		To			
		A - L8021 (S)	B - Site Access	C - L8021 (N)	D - Solar Farm
From	A - L8021 (S)	0.00	0.00	16.81	0.00
	B - Site Access	0.00	0.00	3.15	0.00
	C - L8021 (N)	5.12	3.75	0.00	0.00
	D - Solar Farm	0.00	0.00	0.00	0.00

09:45 - 10:00

Demand (Veh/TS)

		To			
		A - L8021 (S)	B - Site Access	C - L8021 (N)	D - Solar Farm
From	A - L8021 (S)	0.00	0.00	17.13	0.00
	B - Site Access	0.00	0.00	3.15	0.00
	C - L8021 (N)	6.32	3.75	0.00	0.00
	D - Solar Farm	0.00	0.00	0.00	0.00

10:00 - 10:15

Demand (Veh/TS)

		To			
		A - L8021 (S)	B - Site Access	C - L8021 (N)	D - Solar Farm
From	A - L8021 (S)	0.00	0.00	13.52	0.00
	B - Site Access	0.00	0.00	2.58	0.00
	C - L8021 (N)	9.61	2.37	0.00	0.00
	D - Solar Farm	0.00	0.00	0.00	0.00

Demand (Veh/TS)

10:15 - 10:30

		To			
		A - L8021 (S)	B - Site Access	C - L8021 (N)	D - Solar Farm
From	A - L8021 (S)	0.00	0.00	7.20	0.00
	B - Site Access	0.00	0.00	2.58	0.00
	C - L8021 (N)	6.00	2.37	0.00	0.00
	D - Solar Farm	0.00	0.00	0.00	0.00

Demand (Veh/TS)

10:30 - 10:45

		To			
		A - L8021 (S)	B - Site Access	C - L8021 (N)	D - Solar Farm
From	A - L8021 (S)	0.00	0.00	9.61	0.00
	B - Site Access	0.00	0.00	2.58	0.00
	C - L8021 (N)	8.40	2.37	0.00	0.00
	D - Solar Farm	0.00	0.00	0.00	0.00

Demand (Veh/TS)

10:45 - 11:00

		To			
		A - L8021 (S)	B - Site Access	C - L8021 (N)	D - Solar Farm
From	A - L8021 (S)	0.00	0.00	7.52	0.00
	B - Site Access	0.00	0.00	2.58	0.00
	C - L8021 (N)	6.64	2.37	0.00	0.00
	D - Solar Farm	0.00	0.00	0.00	0.00

Demand (Veh/TS)

11:00 - 11:15

		To			
		A - L8021 (S)	B - Site Access	C - L8021 (N)	D - Solar Farm
From	A - L8021 (S)	0.00	0.00	8.72	0.00
	B - Site Access	0.00	0.00	2.31	0.00
	C - L8021 (N)	8.72	2.46	0.00	0.00
	D - Solar Farm	0.00	0.00	0.00	0.00

Demand (Veh/TS)

11:15 - 11:30

		To			
		A - L8021 (S)	B - Site Access	C - L8021 (N)	D - Solar Farm
From	A - L8021 (S)	0.00	0.00	8.40	0.00
	B - Site Access	0.00	0.00	2.31	0.00
	C - L8021 (N)	7.20	2.46	0.00	0.00
	D - Solar Farm	0.00	0.00	0.00	0.00

Demand (Veh/TS)

11:30 - 11:45

		To			
		A - L8021 (S)	B - Site Access	C - L8021 (N)	D - Solar Farm
From	A - L8021 (S)	0.00	0.00	8.72	0.00
	B - Site Access	0.00	0.00	2.31	0.00
	C - L8021 (N)	8.72	2.46	0.00	0.00
	D - Solar Farm	0.00	0.00	0.00	0.00

11:45 - 12:00

Demand (Veh/TS)

		To			
		A - L8021 (S)	B - Site Access	C - L8021 (N)	D - Solar Farm
From	A - L8021 (S)	0.00	0.00	13.52	0.00
	B - Site Access	0.00	0.00	2.31	0.00
	C - L8021 (N)	6.00	2.46	0.00	0.00
	D - Solar Farm	0.00	0.00	0.00	0.00

Demand (Veh/TS)

12:00 - 12:15

		To			
		A - L8021 (S)	B - Site Access	C - L8021 (N)	D - Solar Farm
From	A - L8021 (S)	0.00	0.00	8.72	0.00
	B - Site Access	0.00	0.00	2.31	0.00
	C - L8021 (N)	8.72	1.83	0.00	0.00
	D - Solar Farm	0.00	0.00	0.00	0.00

Demand (Veh/TS)

12:15 - 12:30

		To			
		A - L8021 (S)	B - Site Access	C - L8021 (N)	D - Solar Farm
From	A - L8021 (S)	0.00	0.00	7.52	0.00
	B - Site Access	0.00	0.00	2.31	0.00
	C - L8021 (N)	6.00	1.83	0.00	0.00
	D - Solar Farm	0.00	0.00	0.00	0.00

Demand (Veh/TS)

12:30 - 12:45

		To			
		A - L8021 (S)	B - Site Access	C - L8021 (N)	D - Solar Farm
From	A - L8021 (S)	0.00	0.00	8.40	0.00
	B - Site Access	0.00	0.00	2.31	0.00
	C - L8021 (N)	4.80	1.83	0.00	0.00
	D - Solar Farm	0.00	0.00	0.00	0.00

Demand (Veh/TS)

12:45 - 13:00

		To			
		A - L8021 (S)	B - Site Access	C - L8021 (N)	D - Solar Farm
From	A - L8021 (S)	0.00	0.00	7.52	0.00
	B - Site Access	0.00	0.00	2.31	0.00
	C - L8021 (N)	2.72	1.83	0.00	0.00
	D - Solar Farm	0.00	0.00	0.00	0.00

Demand (Veh/TS)

13:00 - 13:15

		To			
		A - L8021 (S)	B - Site Access	C - L8021 (N)	D - Solar Farm
From	A - L8021 (S)	0.00	0.00	10.81	0.00
	B - Site Access	0.00	0.00	3.21	0.00
	C - L8021 (N)	4.80	3.00	0.00	0.00
	D - Solar Farm	0.00	0.00	0.00	0.00

Demand (Veh/TS)

13:15 - 13:30

		To			
		A - L8021 (S)	B - Site Access	C - L8021 (N)	D - Solar Farm
From	A - L8021 (S)	0.00	0.00	13.84	0.00
	B - Site Access	0.00	0.00	3.21	0.00
	C - L8021 (N)	18.01	3.00	0.00	0.00
	D - Solar Farm	0.00	0.00	0.00	0.00

13:30 - 13:45 **Demand (Veh/TS)**

		To			
		A - L8021 (S)	B - Site Access	C - L8021 (N)	D - Solar Farm
From	A - L8021 (S)	0.00	0.00	8.40	0.00
	B - Site Access	0.00	0.00	3.21	0.00
	C - L8021 (N)	10.81	3.00	0.00	0.00
	D - Solar Farm	0.00	0.00	0.00	0.00

Demand (Veh/TS)

13:45 - 14:00

		To			
		A - L8021 (S)	B - Site Access	C - L8021 (N)	D - Solar Farm
From	A - L8021 (S)	0.00	0.00	9.92	0.00
	B - Site Access	0.00	0.00	3.21	0.00
	C - L8021 (N)	12.01	3.00	0.00	0.00
	D - Solar Farm	0.00	0.00	0.00	0.00

Demand (Veh/TS)

14:00 - 14:15

		To			
		A - L8021 (S)	B - Site Access	C - L8021 (N)	D - Solar Farm
From	A - L8021 (S)	0.00	0.00	13.52	0.00
	B - Site Access	0.00	0.00	3.42	0.00
	C - L8021 (N)	9.04	3.33	0.00	0.00
	D - Solar Farm	0.00	0.00	0.00	0.00

Demand (Veh/TS)

14:15 - 14:30

		To			
		A - L8021 (S)	B - Site Access	C - L8021 (N)	D - Solar Farm
From	A - L8021 (S)	0.00	0.00	6.32	0.00
	B - Site Access	0.00	0.00	3.42	0.00
	C - L8021 (N)	4.80	3.33	0.00	0.00
	D - Solar Farm	0.00	0.00	0.00	0.00

Demand (Veh/TS)

14:30 - 14:45

		To			
		A - L8021 (S)	B - Site Access	C - L8021 (N)	D - Solar Farm
From	A - L8021 (S)	0.00	0.00	9.92	0.00
	B - Site Access	0.00	0.00	3.42	0.00
	C - L8021 (N)	14.41	3.33	0.00	0.00
	D - Solar Farm	0.00	0.00	0.00	0.00

Demand (Veh/TS)

14:45 - 15:00

		To			
		A - L8021 (S)	B - Site Access	C - L8021 (N)	D - Solar Farm
From	A - L8021 (S)	0.00	0.00	10.81	0.00
	B - Site Access	0.00	0.00	3.42	0.00
	C - L8021 (N)	7.20	3.33	0.00	0.00
	D - Solar Farm	0.00	0.00	0.00	0.00

Demand (Veh/TS)

15:00 - 15:15

		To			
		A - L8021 (S)	B - Site Access	C - L8021 (N)	D - Solar Farm
From	A - L8021 (S)	0.00	0.00	9.61	0.00
	B - Site Access	0.00	0.00	2.25	0.00
	C - L8021 (N)	19.84	2.67	0.00	0.00
	D - Solar Farm	0.00	0.00	0.00	0.00

15:15 - 15:30

Demand (Veh/TS)

		To			
		A - L8021 (S)	B - Site Access	C - L8021 (N)	D - Solar Farm
From	A - L8021 (S)	0.00	0.00	9.92	0.00
	B - Site Access	0.00	0.00	2.25	0.00
	C - L8021 (N)	16.87	2.67	0.00	0.00
	D - Solar Farm	0.00	0.00	0.00	0.00

Demand (Veh/TS)

15:30 - 15:45

		To			
		A - L8021 (S)	B - Site Access	C - L8021 (N)	D - Solar Farm
From	A - L8021 (S)	0.00	0.00	12.01	0.00
	B - Site Access	0.00	0.00	2.25	0.00
	C - L8021 (N)	7.84	2.67	0.00	0.00
	D - Solar Farm	0.00	0.00	0.00	0.00

Demand (Veh/TS)

15:45 - 16:00

		To			
		A - L8021 (S)	B - Site Access	C - L8021 (N)	D - Solar Farm
From	A - L8021 (S)	0.00	0.00	20.16	0.00
	B - Site Access	0.00	0.00	2.25	0.00
	C - L8021 (N)	9.92	2.67	0.00	0.00
	D - Solar Farm	0.00	0.00	0.00	0.00

Demand (Veh/TS)

16:00 - 16:15

		To			
		A - L8021 (S)	B - Site Access	C - L8021 (N)	D - Solar Farm
From	A - L8021 (S)	0.00	0.00	17.13	0.00
	B - Site Access	0.00	0.00	2.10	0.00
	C - L8021 (N)	13.52	2.07	0.00	0.00
	D - Solar Farm	0.00	0.00	0.00	0.00

Demand (Veh/TS)

16:15 - 16:30

		To			
		A - L8021 (S)	B - Site Access	C - L8021 (N)	D - Solar Farm
From	A - L8021 (S)	0.00	0.00	14.72	0.00
	B - Site Access	0.00	0.00	2.10	0.00
	C - L8021 (N)	11.12	2.07	0.00	0.00
	D - Solar Farm	0.00	0.00	0.00	0.00

Demand (Veh/TS)

16:30 - 16:45

		To			
		A - L8021 (S)	B - Site Access	C - L8021 (N)	D - Solar Farm
From	A - L8021 (S)	0.00	0.00	8.40	0.00
	B - Site Access	2.85	0.00	46.75	0.00
	C - L8021 (N)	7.84	2.07	0.00	0.00
	D - Solar Farm	0.00	0.00	0.00	0.00

Demand (Veh/TS)

16:45 - 17:00

		To			
		A - L8021 (S)	B - Site Access	C - L8021 (N)	D - Solar Farm
From	A - L8021 (S)	0.00	0.00	13.21	0.00
	B - Site Access	2.85	0.00	46.75	0.00
	C - L8021 (N)	20.73	2.07	0.00	0.00
	D - Solar Farm	0.00	0.00	0.00	0.00

17:00 - 17:15

Demand (Veh/TS)

		To			
		A - L8021 (S)	B - Site Access	C - L8021 (N)	D - Solar Farm
From	A - L8021 (S)	0.00	0.00	13.84	0.00
	B - Site Access	2.85	0.00	47.17	0.00
	C - L8021 (N)	19.21	0.72	0.00	0.00
	D - Solar Farm	0.00	0.00	0.00	0.00

Demand (Veh/TS)

17:15 - 17:30

		To			
		A - L8021 (S)	B - Site Access	C - L8021 (N)	D - Solar Farm
From	A - L8021 (S)	0.00	0.00	13.21	0.00
	B - Site Access	2.85	0.00	47.17	0.00
	C - L8021 (N)	18.33	0.72	0.00	0.00
	D - Solar Farm	0.00	0.00	0.00	0.00

Demand (Veh/TS)

17:30 - 17:45

		To			
		A - L8021 (S)	B - Site Access	C - L8021 (N)	D - Solar Farm
From	A - L8021 (S)	0.00	0.00	17.44	0.00
	B - Site Access	0.00	0.00	2.52	0.00
	C - L8021 (N)	16.81	0.72	0.00	0.00
	D - Solar Farm	0.00	0.00	0.00	0.00

Demand (Veh/TS)

17:45 - 18:00

		To			
		A - L8021 (S)	B - Site Access	C - L8021 (N)	D - Solar Farm
From	A - L8021 (S)	0.00	0.00	13.52	0.00
	B - Site Access	0.00	0.00	2.52	0.00
	C - L8021 (N)	9.61	0.72	0.00	0.00
	D - Solar Farm	0.00	0.00	0.00	0.00

Demand (Veh/TS)

18:00 - 18:15

		To			
		A - L8021 (S)	B - Site Access	C - L8021 (N)	D - Solar Farm
From	A - L8021 (S)	0.00	0.00	14.41	0.00
	B - Site Access	0.00	0.00	0.72	0.00
	C - L8021 (N)	16.81	1.50	0.00	0.00
	D - Solar Farm	0.00	0.00	0.00	0.00

Demand (Veh/TS)

18:15 - 18:30

		To			
		A - L8021 (S)	B - Site Access	C - L8021 (N)	D - Solar Farm
From	A - L8021 (S)	0.00	0.00	15.04	0.00
	B - Site Access	0.00	0.00	0.72	0.00
	C - L8021 (N)	13.21	1.50	0.00	0.00
	D - Solar Farm	0.00	0.00	0.00	0.00

Demand (Veh/TS)

18:30 - 18:45

		To			
		A - L8021 (S)	B - Site Access	C - L8021 (N)	D - Solar Farm
From	A - L8021 (S)	0.00	0.00	4.80	0.00
	B - Site Access	0.00	0.00	0.72	0.00
	C - L8021 (N)	13.21	1.50	0.00	0.00
	D - Solar Farm	0.00	0.00	0.00	0.00

18:45 - 19:00 **Demand (Veh/TS)**

		To			
		A - L8021 (S)	B - Site Access	C - L8021 (N)	D - Solar Farm
From	A - L8021 (S)	0.00	0.00	9.61	0.00
	B - Site Access	0.00	0.00	0.72	0.00
	C - L8021 (N)	14.72	1.50	0.00	0.00
	D - Solar Farm	0.00	0.00	0.00	0.00

Vehicle Mix

07:00 - 07:15

Heavy Vehicle Percentages

		To			
		A - L8021 (S)	B - Site Access	C - L8021 (N)	D - Solar Farm
From	A - L8021 (S)	0	0	17	0
	B - Site Access	0	0	100	0
	C - L8021 (N)	0	100	0	0
	D - Solar Farm	0	0	0	0

07:15 - 07:30

Heavy Vehicle Percentages

		To			
		A - L8021 (S)	B - Site Access	C - L8021 (N)	D - Solar Farm
From	A - L8021 (S)	0	0	0	0
	B - Site Access	0	0	100	0
	C - L8021 (N)	39	100	0	0
	D - Solar Farm	0	0	0	0

07:30 - 07:45

Heavy Vehicle Percentages

		To			
		A - L8021 (S)	B - Site Access	C - L8021 (N)	D - Solar Farm
From	A - L8021 (S)	0	0	0	0
	B - Site Access	0	0	100	0
	C - L8021 (N)	0	9	0	0
	D - Solar Farm	0	0	0	0

07:45 - 08:00

Heavy Vehicle Percentages

		To			
		A - L8021 (S)	B - Site Access	C - L8021 (N)	D - Solar Farm
From	A - L8021 (S)	0	0	7	0
	B - Site Access	0	0	100	0
	C - L8021 (N)	0	9	0	0
	D - Solar Farm	0	0	0	0

08:00 - 08:15

Heavy Vehicle Percentages

		To			
		A - L8021 (S)	B - Site Access	C - L8021 (N)	D - Solar Farm
From	A - L8021 (S)	0	0	0	0
	B - Site Access	0	0	100	0
	C - L8021 (N)	22	6	0	0
	D - Solar Farm	0	0	0	0

08:15 - 08:30

Heavy Vehicle Percentages

		To			
		A - L8021 (S)	B - Site Access	C - L8021 (N)	D - Solar Farm
From	A - L8021 (S)	0	0	0	0
	B - Site Access	0	0	100	0
	C - L8021 (N)	0	6	0	0
	D - Solar Farm	0	0	0	0

08:30 - 08:45

Heavy Vehicle Percentages

		To			
		A - L8021 (S)	B - Site Access	C - L8021 (N)	D - Solar Farm
From	A - L8021 (S)	0	0	7	0
	B - Site Access	0	0	100	0
	C - L8021 (N)	20	100	0	0
	D - Solar Farm	0	0	0	0

Heavy Vehicle Percentages

08:45 - 09:00

		To			
		A - L8021 (S)	B - Site Access	C - L8021 (N)	D - Solar Farm
From	A - L8021 (S)	0	0	10	0
	B - Site Access	0	0	100	0
	C - L8021 (N)	0	100	0	0
	D - Solar Farm	0	0	0	0

Heavy Vehicle Percentages

09:00 - 09:15

		To			
		A - L8021 (S)	B - Site Access	C - L8021 (N)	D - Solar Farm
From	A - L8021 (S)	0	0	10	0
	B - Site Access	0	0	100	0
	C - L8021 (N)	20	100	0	0
	D - Solar Farm	0	0	0	0

Heavy Vehicle Percentages

09:15 - 09:30

		To			
		A - L8021 (S)	B - Site Access	C - L8021 (N)	D - Solar Farm
From	A - L8021 (S)	0	0	0	0
	B - Site Access	0	0	100	0
	C - L8021 (N)	24	100	0	0
	D - Solar Farm	0	0	0	0

Heavy Vehicle Percentages

09:30 - 09:45

		To			
		A - L8021 (S)	B - Site Access	C - L8021 (N)	D - Solar Farm
From	A - L8021 (S)	0	0	0	0
	B - Site Access	0	0	100	0
	C - L8021 (N)	30	100	0	0
	D - Solar Farm	0	0	0	0

Heavy Vehicle Percentages

09:45 - 10:00

		To			
		A - L8021 (S)	B - Site Access	C - L8021 (N)	D - Solar Farm
From	A - L8021 (S)	0	0	9	0
	B - Site Access	0	0	100	0
	C - L8021 (N)	24	100	0	0
	D - Solar Farm	0	0	0	0

Heavy Vehicle Percentages

10:00 - 10:15

		To			
		A - L8021 (S)	B - Site Access	C - L8021 (N)	D - Solar Farm
From	A - L8021 (S)	0	0	11	0
	B - Site Access	0	0	100	0
	C - L8021 (N)	0	100	0	0
	D - Solar Farm	0	0	0	0

10:15 - 10:30

Heavy Vehicle Percentages

		To			
		A - L8021 (S)	B - Site Access	C - L8021 (N)	D - Solar Farm
From	A - L8021 (S)	0	0	0	0
	B - Site Access	0	0	100	0
	C - L8021 (N)	0	100	0	0
	D - Solar Farm	0	0	0	0

Heavy Vehicle Percentages

10:30 - 10:45

		To			
		A - L8021 (S)	B - Site Access	C - L8021 (N)	D - Solar Farm
From	A - L8021 (S)	0	0	0	0
	B - Site Access	0	0	100	0
	C - L8021 (N)	0	100	0	0
	D - Solar Farm	0	0	0	0

Heavy Vehicle Percentages

10:45 - 11:00

		To			
		A - L8021 (S)	B - Site Access	C - L8021 (N)	D - Solar Farm
From	A - L8021 (S)	0	0	20	0
	B - Site Access	0	0	100	0
	C - L8021 (N)	46	100	0	0
	D - Solar Farm	0	0	0	0

Heavy Vehicle Percentages

11:00 - 11:15

		To			
		A - L8021 (S)	B - Site Access	C - L8021 (N)	D - Solar Farm
From	A - L8021 (S)	0	0	17	0
	B - Site Access	0	0	100	0
	C - L8021 (N)	17	100	0	0
	D - Solar Farm	0	0	0	0

Heavy Vehicle Percentages

11:15 - 11:30

		To			
		A - L8021 (S)	B - Site Access	C - L8021 (N)	D - Solar Farm
From	A - L8021 (S)	0	0	0	0
	B - Site Access	0	0	100	0
	C - L8021 (N)	0	100	0	0
	D - Solar Farm	0	0	0	0

Heavy Vehicle Percentages

11:30 - 11:45

		To			
		A - L8021 (S)	B - Site Access	C - L8021 (N)	D - Solar Farm
From	A - L8021 (S)	0	0	17	0
	B - Site Access	0	0	100	0
	C - L8021 (N)	17	100	0	0
	D - Solar Farm	0	0	0	0

Heavy Vehicle Percentages

11:45 - 12:00

		To			
		A - L8021 (S)	B - Site Access	C - L8021 (N)	D - Solar Farm
From	A - L8021 (S)	0	0	11	0
	B - Site Access	0	0	100	0
	C - L8021 (N)	0	100	0	0
	D - Solar Farm	0	0	0	0

12:00 - 12:15

Heavy Vehicle Percentages

		To			
		A - L8021 (S)	B - Site Access	C - L8021 (N)	D - Solar Farm
From	A - L8021 (S)	0	0	17	0
	B - Site Access	0	0	100	0
	C - L8021 (N)	17	100	0	0
	D - Solar Farm	0	0	0	0

Heavy Vehicle Percentages

12:15 - 12:30

		To			
		A - L8021 (S)	B - Site Access	C - L8021 (N)	D - Solar Farm
From	A - L8021 (S)	0	0	20	0
	B - Site Access	0	0	100	0
	C - L8021 (N)	0	100	0	0
	D - Solar Farm	0	0	0	0

Heavy Vehicle Percentages

12:30 - 12:45

		To			
		A - L8021 (S)	B - Site Access	C - L8021 (N)	D - Solar Farm
From	A - L8021 (S)	0	0	0	0
	B - Site Access	0	0	100	0
	C - L8021 (N)	0	100	0	0
	D - Solar Farm	0	0	0	0

Heavy Vehicle Percentages

12:45 - 13:00

		To			
		A - L8021 (S)	B - Site Access	C - L8021 (N)	D - Solar Farm
From	A - L8021 (S)	0	0	20	0
	B - Site Access	0	0	100	0
	C - L8021 (N)	56	100	0	0
	D - Solar Farm	0	0	0	0

Heavy Vehicle Percentages

13:00 - 13:15

		To			
		A - L8021 (S)	B - Site Access	C - L8021 (N)	D - Solar Farm
From	A - L8021 (S)	0	0	0	0
	B - Site Access	0	0	100	0
	C - L8021 (N)	0	100	0	0
	D - Solar Farm	0	0	0	0

Heavy Vehicle Percentages

13:15 - 13:30

		To			
		A - L8021 (S)	B - Site Access	C - L8021 (N)	D - Solar Farm
From	A - L8021 (S)	0	0	22	0
	B - Site Access	0	0	100	0
	C - L8021 (N)	0	100	0	0
	D - Solar Farm	0	0	0	0

Heavy Vehicle Percentages

13:30 - 13:45

		To			
		A - L8021 (S)	B - Site Access	C - L8021 (N)	D - Solar Farm
From	A - L8021 (S)	0	0	0	0
	B - Site Access	0	0	100	0
	C - L8021 (N)	0	100	0	0
	D - Solar Farm	0	0	0	0

13:45 - 14:00

Heavy Vehicle Percentages

		To			
		A - L8021 (S)	B - Site Access	C - L8021 (N)	D - Solar Farm
From	A - L8021 (S)	0	0	15	0
	B - Site Access	0	0	100	0
	C - L8021 (N)	0	100	0	0
	D - Solar Farm	0	0	0	0

Heavy Vehicle Percentages

14:00 - 14:15

		To			
		A - L8021 (S)	B - Site Access	C - L8021 (N)	D - Solar Farm
From	A - L8021 (S)	0	0	11	0
	B - Site Access	0	0	100	0
	C - L8021 (N)	34	100	0	0
	D - Solar Farm	0	0	0	0

Heavy Vehicle Percentages

14:15 - 14:30

		To			
		A - L8021 (S)	B - Site Access	C - L8021 (N)	D - Solar Farm
From	A - L8021 (S)	0	0	24	0
	B - Site Access	0	0	100	0
	C - L8021 (N)	0	100	0	0
	D - Solar Farm	0	0	0	0

Heavy Vehicle Percentages

14:30 - 14:45

		To			
		A - L8021 (S)	B - Site Access	C - L8021 (N)	D - Solar Farm
From	A - L8021 (S)	0	0	15	0
	B - Site Access	0	0	100	0
	C - L8021 (N)	0	100	0	0
	D - Solar Farm	0	0	0	0

Heavy Vehicle Percentages

14:45 - 15:00

		To			
		A - L8021 (S)	B - Site Access	C - L8021 (N)	D - Solar Farm
From	A - L8021 (S)	0	0	0	0
	B - Site Access	0	0	100	0
	C - L8021 (N)	0	100	0	0
	D - Solar Farm	0	0	0	0

Heavy Vehicle Percentages

15:00 - 15:15

		To			
		A - L8021 (S)	B - Site Access	C - L8021 (N)	D - Solar Farm
From	A - L8021 (S)	0	0	0	0
	B - Site Access	0	0	100	0
	C - L8021 (N)	15	100	0	0
	D - Solar Farm	0	0	0	0

Heavy Vehicle Percentages

15:15 - 15:30

		To			
		A - L8021 (S)	B - Site Access	C - L8021 (N)	D - Solar Farm
From	A - L8021 (S)	0	0	15	0
	B - Site Access	0	0	100	0
	C - L8021 (N)	36	100	0	0
	D - Solar Farm	0	0	0	0

15:30 - 15:45

Heavy Vehicle Percentages

		To			
		A - L8021 (S)	B - Site Access	C - L8021 (N)	D - Solar Farm
From	A - L8021 (S)	0	0	0	0
	B - Site Access	0	0	100	0
	C - L8021 (N)	39	100	0	0
	D - Solar Farm	0	0	0	0

Heavy Vehicle Percentages

15:45 - 16:00

		To			
		A - L8021 (S)	B - Site Access	C - L8021 (N)	D - Solar Farm
From	A - L8021 (S)	0	0	23	0
	B - Site Access	0	0	100	0
	C - L8021 (N)	15	100	0	0
	D - Solar Farm	0	0	0	0

Heavy Vehicle Percentages

16:00 - 16:15

		To			
		A - L8021 (S)	B - Site Access	C - L8021 (N)	D - Solar Farm
From	A - L8021 (S)	0	0	9	0
	B - Site Access	0	0	100	0
	C - L8021 (N)	11	100	0	0
	D - Solar Farm	0	0	0	0

Heavy Vehicle Percentages

16:15 - 16:30

		To			
		A - L8021 (S)	B - Site Access	C - L8021 (N)	D - Solar Farm
From	A - L8021 (S)	0	0	10	0
	B - Site Access	0	0	100	0
	C - L8021 (N)	14	100	0	0
	D - Solar Farm	0	0	0	0

Heavy Vehicle Percentages

16:30 - 16:45

		To			
		A - L8021 (S)	B - Site Access	C - L8021 (N)	D - Solar Farm
From	A - L8021 (S)	0	0	0	0
	B - Site Access	0	0	4	0
	C - L8021 (N)	39	100	0	0
	D - Solar Farm	0	0	0	0

Heavy Vehicle Percentages

16:45 - 17:00

		To			
		A - L8021 (S)	B - Site Access	C - L8021 (N)	D - Solar Farm
From	A - L8021 (S)	0	0	0	0
	B - Site Access	0	0	4	0
	C - L8021 (N)	7	100	0	0
	D - Solar Farm	0	0	0	0

Heavy Vehicle Percentages

17:00 - 17:15

		To			
		A - L8021 (S)	B - Site Access	C - L8021 (N)	D - Solar Farm
From	A - L8021 (S)	0	0	22	0
	B - Site Access	0	0	5	0
	C - L8021 (N)	0	100	0	0
	D - Solar Farm	0	0	0	0

17:15 - 17:30

Heavy Vehicle Percentages

		To			
		A - L8021 (S)	B - Site Access	C - L8021 (N)	D - Solar Farm
From	A - L8021 (S)	0	0	0	0
	B - Site Access	0	0	5	0
	C - L8021 (N)	8	100	0	0
	D - Solar Farm	0	0	0	0

Heavy Vehicle Percentages

17:30 - 17:45

		To			
		A - L8021 (S)	B - Site Access	C - L8021 (N)	D - Solar Farm
From	A - L8021 (S)	0	0	17	0
	B - Site Access	0	0	100	0
	C - L8021 (N)	0	100	0	0
	D - Solar Farm	0	0	0	0

Heavy Vehicle Percentages

17:45 - 18:00

		To			
		A - L8021 (S)	B - Site Access	C - L8021 (N)	D - Solar Farm
From	A - L8021 (S)	0	0	11	0
	B - Site Access	0	0	100	0
	C - L8021 (N)	0	100	0	0
	D - Solar Farm	0	0	0	0

Heavy Vehicle Percentages

18:00 - 18:15

		To			
		A - L8021 (S)	B - Site Access	C - L8021 (N)	D - Solar Farm
From	A - L8021 (S)	0	0	0	0
	B - Site Access	0	0	100	0
	C - L8021 (N)	0	100	0	0
	D - Solar Farm	0	0	0	0

Heavy Vehicle Percentages

18:15 - 18:30

		To			
		A - L8021 (S)	B - Site Access	C - L8021 (N)	D - Solar Farm
From	A - L8021 (S)	0	0	20	0
	B - Site Access	0	0	100	0
	C - L8021 (N)	0	100	0	0
	D - Solar Farm	0	0	0	0

Heavy Vehicle Percentages

18:30 - 18:45

		To			
		A - L8021 (S)	B - Site Access	C - L8021 (N)	D - Solar Farm
From	A - L8021 (S)	0	0	0	0
	B - Site Access	0	0	100	0
	C - L8021 (N)	0	100	0	0
	D - Solar Farm	0	0	0	0

Heavy Vehicle Percentages

18:45 - 19:00

		To			
		A - L8021 (S)	B - Site Access	C - L8021 (N)	D - Solar Farm
From	A - L8021 (S)	0	0	0	0
	B - Site Access	0	0	100	0
	C - L8021 (N)	10	100	0	0
	D - Solar Farm	0	0	0	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (Veh)	Max LOS	Average Demand (Veh/TS)	Total Junction Arrivals (Veh)
B-CD	0.26	9.94	0.3	A	6.22	298.60
B-AD	0.02	7.63	0.0	A	0.24	11.40
A-BCD	0.00	0.00	0.0	A	0.00	0.00
A-B					0.20	9.50
A-C					12.25	587.95
D-AB	0.00	0.00	0.0	A	0.00	0.00
D-BC	0.00	0.00	0.0	A	0.00	0.00
C-ABD	0.37	12.06	0.5	B	6.93	332.70
C-D					0.00	0.00
C-A					9.46	454.17

Main Results for each time segment

07:00 - 07:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-CD	2.64	2.64	95.48	0.028	2.61	0.0	0.0	9.688	A
B-AD	0.00	0.00	124.56	0.000	0.00	0.0	0.0	0.000	A
A-BCD	0.00	0.00	144.78	0.000	0.00	0.0	0.0	0.000	A
A-B	0.00	0.00			0.00				
A-C	8.72	8.72			8.72				
D-AB	0.00	0.00	150.33	0.000	0.00	0.0	0.0	0.000	A
D-BC	0.00	0.00	133.28	0.000	0.00	0.0	0.0	0.000	A
C-ABD	4.78	4.78	79.30	0.060	4.71	0.0	0.1	12.057	B
C-D	0.00	0.00			0.00				
C-A	3.38	3.38			3.38				

07:15 - 07:30

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-CD	2.64	2.64	95.76	0.028	2.64	0.0	0.0	9.665	A
B-AD	0.00	0.00	124.68	0.000	0.00	0.0	0.0	0.000	A
A-BCD	0.00	0.00	147.39	0.000	0.00	0.0	0.0	0.000	A
A-B	0.00	0.00			0.00				
A-C	8.40	8.40			8.40				
D-AB	0.00	0.00	150.01	0.000	0.00	0.0	0.0	0.000	A
D-BC	0.00	0.00	133.06	0.000	0.00	0.0	0.0	0.000	A
C-ABD	4.80	4.80	79.55	0.060	4.80	0.1	0.1	11.993	B
C-D	0.00	0.00			0.00				
C-A	3.68	3.68			3.68				

07:30 - 07:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-CD	2.64	2.64	95.25	0.028	2.64	0.0	0.0	9.717	A
B-AD	0.00	0.00	108.64	0.000	0.00	0.0	0.0	0.000	A
A-BCD	0.00	0.00	134.08	0.000	0.00	0.0	0.0	0.000	A
A-B	2.38	2.38			2.38				
A-C	10.81	10.81			10.81				
D-AB	0.00	0.00	142.43	0.000	0.00	0.0	0.0	0.000	A
D-BC	0.00	0.00	121.42	0.000	0.00	0.0	0.0	0.000	A
C-ABD	50.98	50.98	141.48	0.360	50.43	0.1	0.6	10.908	B
C-D	0.00	0.00			0.00				
C-A	2.30	2.30			2.30				

07:45 - 08:00

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-CD	2.64	2.64	93.53	0.028	2.64	0.0	0.0	9.901	A
B-AD	0.00	0.00	104.79	0.000	0.00	0.0	0.0	0.000	A
A-BCD	0.00	0.00	131.98	0.000	0.00	0.0	0.0	0.000	A
A-B	2.38	2.38			2.38				
A-C	20.73	20.73			20.73				
D-AB	0.00	0.00	139.46	0.000	0.00	0.0	0.0	0.000	A
D-BC	0.00	0.00	117.90	0.000	0.00	0.0	0.0	0.000	A
C-ABD	53.30	53.30	143.32	0.372	53.30	0.6	0.6	10.030	B
C-D	0.00	0.00			0.00				
C-A	5.99	5.99			5.99				

08:00 - 08:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-CD	2.79	2.79	94.53	0.030	2.79	0.0	0.0	9.809	A
B-AD	0.00	0.00	106.32	0.000	0.00	0.0	0.0	0.000	A
A-BCD	0.00	0.00	132.23	0.000	0.00	0.0	0.0	0.000	A
A-B	2.38	2.38			2.38				
A-C	15.61	15.61			15.61				
D-AB	0.00	0.00	138.78	0.000	0.00	0.0	0.0	0.000	A
D-BC	0.00	0.00	117.84	0.000	0.00	0.0	0.0	0.000	A
C-ABD	53.13	53.13	150.26	0.354	53.15	0.6	0.6	9.328	A
C-D	0.00	0.00			0.00				
C-A	8.89	8.89			8.89				

08:15 - 08:30

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-CD	2.79	2.79	93.81	0.030	2.79	0.0	0.0	9.887	A
B-AD	0.00	0.00	106.46	0.000	0.00	0.0	0.0	0.000	A
A-BCD	0.00	0.00	134.75	0.000	0.00	0.0	0.0	0.000	A
A-B	2.38	2.38			2.38				
A-C	20.41	20.41			20.41				
D-AB	0.00	0.00	140.52	0.000	0.00	0.0	0.0	0.000	A
D-BC	0.00	0.00	119.24	0.000	0.00	0.0	0.0	0.000	A
C-ABD	51.15	51.15	146.46	0.349	51.18	0.6	0.6	9.580	A
C-D	0.00	0.00			0.00				
C-A	5.44	5.44			5.44				

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-CD	2.79	2.79	93.31	0.030	2.79	0.0	0.0	9.941	A
B-AD	0.00	0.00	121.10	0.000	0.00	0.0	0.0	0.000	A
A-BCD	0.00	0.00	149.10	0.000	0.00	0.0	0.0	0.000	A
A-B	0.00	0.00			0.00				
A-C	23.13	23.13			23.13				
D-AB	0.00	0.00	147.81	0.000	0.00	0.0	0.0	0.000	A
D-BC	0.00	0.00	130.13	0.000	0.00	0.0	0.0	0.000	A
C-ABD	3.40	3.40	86.48	0.042	3.95	0.6	0.0	6.669	A
C-D	0.00	0.00			0.00				
C-A	7.18	7.18			7.18				

08:45 - 09:00

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-CD	2.79	2.79	94.58	0.030	2.79	0.0	0.0	9.806	A
B-AD	0.00	0.00	123.95	0.000	0.00	0.0	0.0	0.000	A
A-BCD	0.00	0.00	149.13	0.000	0.00	0.0	0.0	0.000	A
A-B	0.00	0.00			0.00				
A-C	14.72	14.72			14.72				
D-AB	0.00	0.00	149.88	0.000	0.00	0.0	0.0	0.000	A
D-BC	0.00	0.00	132.71	0.000	0.00	0.0	0.0	0.000	A
C-ABD	3.26	3.26	79.61	0.041	3.24	0.0	0.0	11.718	B
C-D	0.00	0.00			0.00				
C-A	4.60	4.60			4.60				

09:00 - 09:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-CD	3.15	3.15	94.58	0.033	3.15	0.0	0.0	9.843	A
B-AD	0.00	0.00	122.82	0.000	0.00	0.0	0.0	0.000	A
A-BCD	0.00	0.00	147.09	0.000	0.00	0.0	0.0	0.000	A
A-B	0.00	0.00			0.00				
A-C	14.72	14.72			14.72				
D-AB	0.00	0.00	148.53	0.000	0.00	0.0	0.0	0.000	A
D-BC	0.00	0.00	131.17	0.000	0.00	0.0	0.0	0.000	A
C-ABD	4.13	4.13	81.61	0.051	4.12	0.0	0.1	11.650	B
C-D	0.00	0.00			0.00				
C-A	7.14	7.14			7.14				

09:15 - 09:30

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-CD	3.15	3.15	94.49	0.033	3.15	0.0	0.0	9.852	A
B-AD	0.00	0.00	121.67	0.000	0.00	0.0	0.0	0.000	A
A-BCD	0.00	0.00	147.09	0.000	0.00	0.0	0.0	0.000	A
A-B	0.00	0.00			0.00				
A-C	16.81	16.81			16.81				
D-AB	0.00	0.00	146.71	0.000	0.00	0.0	0.0	0.000	A
D-BC	0.00	0.00	129.38	0.000	0.00	0.0	0.0	0.000	A
C-ABD	4.41	4.41	85.56	0.052	4.40	0.1	0.1	11.206	B
C-D	0.00	0.00			0.00				
C-A	11.98	11.98			11.98				

09:30 - 09:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-CD	3.15	3.15	94.49	0.033	3.15	0.0	0.0	9.852	A
B-AD	0.00	0.00	123.04	0.000	0.00	0.0	0.0	0.000	A
A-BCD	0.00	0.00	150.04	0.000	0.00	0.0	0.0	0.000	A
A-B	0.00	0.00			0.00				
A-C	16.81	16.81			16.81				
D-AB	0.00	0.00	149.10	0.000	0.00	0.0	0.0	0.000	A
D-BC	0.00	0.00	131.69	0.000	0.00	0.0	0.0	0.000	A
C-ABD	4.01	4.01	79.59	0.050	4.02	0.1	0.1	11.689	B
C-D	0.00	0.00			0.00				
C-A	4.86	4.86			4.86				

09:45 - 10:00

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-CD	3.15	3.15	94.22	0.033	3.15	0.0	0.0	9.882	A
B-AD	0.00	0.00	122.42	0.000	0.00	0.0	0.0	0.000	A
A-BCD	0.00	0.00	148.53	0.000	0.00	0.0	0.0	0.000	A
A-B	0.00	0.00			0.00				
A-C	17.13	17.13			17.13				
D-AB	0.00	0.00	148.60	0.000	0.00	0.0	0.0	0.000	A
D-BC	0.00	0.00	131.09	0.000	0.00	0.0	0.0	0.000	A
C-ABD	4.07	4.07	80.33	0.051	4.07	0.1	0.1	11.847	B
C-D	0.00	0.00			0.00				
C-A	5.99	5.99			5.99				

10:00 - 10:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-CD	2.58	2.58	94.76	0.027	2.59	0.0	0.0	9.764	A
B-AD	0.00	0.00	123.96	0.000	0.00	0.0	0.0	0.000	A
A-BCD	0.00	0.00	148.00	0.000	0.00	0.0	0.0	0.000	A
A-B	0.00	0.00			0.00				
A-C	13.52	13.52			13.52				
D-AB	0.00	0.00	148.94	0.000	0.00	0.0	0.0	0.000	A
D-BC	0.00	0.00	132.07	0.000	0.00	0.0	0.0	0.000	A
C-ABD	2.68	2.68	83.77	0.032	2.70	0.1	0.0	11.305	B
C-D	0.00	0.00			0.00				
C-A	9.29	9.29			9.29				

10:15 - 10:30

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-CD	2.58	2.58	95.94	0.027	2.58	0.0	0.0	9.640	A
B-AD	0.00	0.00	126.41	0.000	0.00	0.0	0.0	0.000	A
A-BCD	0.00	0.00	150.41	0.000	0.00	0.0	0.0	0.000	A
A-B	0.00	0.00			0.00				
A-C	7.20	7.20			7.20				
D-AB	0.00	0.00	150.69	0.000	0.00	0.0	0.0	0.000	A
D-BC	0.00	0.00	134.26	0.000	0.00	0.0	0.0	0.000	A
C-ABD	2.56	2.56	81.72	0.031	2.56	0.0	0.0	11.241	B
C-D	0.00	0.00			0.00				
C-A	5.81	5.81			5.81				

10:30 - 10:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-CD	2.58	2.58	95.57	0.027	2.58	0.0	0.0	9.679	A
B-AD	0.00	0.00	125.47	0.000	0.00	0.0	0.0	0.000	A
A-BCD	0.00	0.00	150.62	0.000	0.00	0.0	0.0	0.000	A
A-B	0.00	0.00			0.00				
A-C	9.61	9.61			9.61				
D-AB	0.00	0.00	149.82	0.000	0.00	0.0	0.0	0.000	A
D-BC	0.00	0.00	133.26	0.000	0.00	0.0	0.0	0.000	A
C-ABD	2.64	2.64	83.40	0.032	2.64	0.0	0.0	11.226	B
C-D	0.00	0.00			0.00				
C-A	8.14	8.14			8.14				

10:45 - 11:00

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-CD	2.58	2.58	95.66	0.027	2.58	0.0	0.0	9.670	A
B-AD	0.00	0.00	125.41	0.000	0.00	0.0	0.0	0.000	A
A-BCD	0.00	0.00	147.01	0.000	0.00	0.0	0.0	0.000	A
A-B	0.00	0.00			0.00				
A-C	7.52	7.52			7.52				
D-AB	0.00	0.00	149.54	0.000	0.00	0.0	0.0	0.000	A
D-BC	0.00	0.00	133.03	0.000	0.00	0.0	0.0	0.000	A
C-ABD	2.58	2.58	81.50	0.032	2.58	0.0	0.0	11.235	B
C-D	0.00	0.00			0.00				
C-A	6.42	6.42			6.42				

11:00 - 11:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-CD	2.31	2.31	95.48	0.024	2.31	0.0	0.0	9.661	A
B-AD	0.00	0.00	124.98	0.000	0.00	0.0	0.0	0.000	A
A-BCD	0.00	0.00	145.70	0.000	0.00	0.0	0.0	0.000	A
A-B	0.00	0.00			0.00				
A-C	8.72	8.72			8.72				
D-AB	0.00	0.00	149.24	0.000	0.00	0.0	0.0	0.000	A
D-BC	0.00	0.00	132.71	0.000	0.00	0.0	0.0	0.000	A
C-ABD	2.75	2.75	83.31	0.033	2.75	0.0	0.0	11.295	B
C-D	0.00	0.00			0.00				
C-A	8.43	8.43			8.43				

11:15 - 11:30

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-CD	2.31	2.31	95.76	0.024	2.31	0.0	0.0	9.630	A
B-AD	0.00	0.00	125.88	0.000	0.00	0.0	0.0	0.000	A
A-BCD	0.00	0.00	148.97	0.000	0.00	0.0	0.0	0.000	A
A-B	0.00	0.00			0.00				
A-C	8.40	8.40			8.40				
D-AB	0.00	0.00	150.22	0.000	0.00	0.0	0.0	0.000	A
D-BC	0.00	0.00	133.78	0.000	0.00	0.0	0.0	0.000	A
C-ABD	2.70	2.70	82.55	0.033	2.70	0.0	0.0	11.275	B
C-D	0.00	0.00			0.00				
C-A	6.97	6.97			6.97				

11:30 - 11:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-CD	2.31	2.31	95.48	0.024	2.31	0.0	0.0	9.659	A
B-AD	0.00	0.00	124.98	0.000	0.00	0.0	0.0	0.000	A
A-BCD	0.00	0.00	146.41	0.000	0.00	0.0	0.0	0.000	A
A-B	0.00	0.00			0.00				
A-C	8.72	8.72			8.72				
D-AB	0.00	0.00	149.24	0.000	0.00	0.0	0.0	0.000	A
D-BC	0.00	0.00	132.71	0.000	0.00	0.0	0.0	0.000	A
C-ABD	2.75	2.75	83.34	0.033	2.75	0.0	0.0	11.165	B
C-D	0.00	0.00			0.00				
C-A	8.43	8.43			8.43				

11:45 - 12:00

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-CD	2.31	2.31	94.76	0.024	2.31	0.0	0.0	9.734	A
B-AD	0.00	0.00	124.46	0.000	0.00	0.0	0.0	0.000	A
A-BCD	0.00	0.00	147.59	0.000	0.00	0.0	0.0	0.000	A
A-B	0.00	0.00			0.00				
A-C	13.52	13.52			13.52				
D-AB	0.00	0.00	149.87	0.000	0.00	0.0	0.0	0.000	A
D-BC	0.00	0.00	133.02	0.000	0.00	0.0	0.0	0.000	A
C-ABD	2.66	2.66	80.77	0.033	2.66	0.0	0.0	11.487	B
C-D	0.00	0.00			0.00				
C-A	5.80	5.80			5.80				

12:00 - 12:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-CD	2.31	2.31	95.48	0.024	2.31	0.0	0.0	9.659	A
B-AD	0.00	0.00	125.41	0.000	0.00	0.0	0.0	0.000	A
A-BCD	0.00	0.00	146.01	0.000	0.00	0.0	0.0	0.000	A
A-B	0.00	0.00			0.00				
A-C	8.72	8.72			8.72				
D-AB	0.00	0.00	149.44	0.000	0.00	0.0	0.0	0.000	A
D-BC	0.00	0.00	133.04	0.000	0.00	0.0	0.0	0.000	A
C-ABD	2.05	2.05	83.34	0.025	2.06	0.0	0.0	11.113	B
C-D	0.00	0.00			0.00				
C-A	8.50	8.50			8.50				

12:15 - 12:30

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-CD	2.31	2.31	95.66	0.024	2.31	0.0	0.0	9.640	A
B-AD	0.00	0.00	126.35	0.000	0.00	0.0	0.0	0.000	A
A-BCD	0.00	0.00	146.01	0.000	0.00	0.0	0.0	0.000	A
A-B	0.00	0.00			0.00				
A-C	7.52	7.52			7.52				
D-AB	0.00	0.00	150.68	0.000	0.00	0.0	0.0	0.000	A
D-BC	0.00	0.00	134.32	0.000	0.00	0.0	0.0	0.000	A
C-ABD	1.98	1.98	81.48	0.024	1.98	0.0	0.0	11.281	B
C-D	0.00	0.00			0.00				
C-A	5.86	5.86			5.86				

12:30 - 12:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-CD	2.31	2.31	95.76	0.024	2.31	0.0	0.0	9.630	A
B-AD	0.00	0.00	126.68	0.000	0.00	0.0	0.0	0.000	A
A-BCD	0.00	0.00	149.40	0.000	0.00	0.0	0.0	0.000	A
A-B	0.00	0.00			0.00				
A-C	8.40	8.40			8.40				
D-AB	0.00	0.00	151.06	0.000	0.00	0.0	0.0	0.000	A
D-BC	0.00	0.00	134.73	0.000	0.00	0.0	0.0	0.000	A
C-ABD	1.95	1.95	80.55	0.024	1.95	0.0	0.0	11.409	B
C-D	0.00	0.00			0.00				
C-A	4.68	4.68			4.68				

12:45 - 13:00

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-CD	2.31	2.31	95.66	0.024	2.31	0.0	0.0	9.640	A
B-AD	0.00	0.00	126.61	0.000	0.00	0.0	0.0	0.000	A
A-BCD	0.00	0.00	147.46	0.000	0.00	0.0	0.0	0.000	A
A-B	0.00	0.00			0.00				
A-C	7.52	7.52			7.52				
D-AB	0.00	0.00	151.15	0.000	0.00	0.0	0.0	0.000	A
D-BC	0.00	0.00	134.77	0.000	0.00	0.0	0.0	0.000	A
C-ABD	1.90	1.90	78.48	0.024	1.90	0.0	0.0	11.617	B
C-D	0.00	0.00			0.00				
C-A	2.65	2.65			2.65				

13:00 - 13:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-CD	3.21	3.21	95.39	0.034	3.20	0.0	0.0	9.760	A
B-AD	0.00	0.00	125.30	0.000	0.00	0.0	0.0	0.000	A
A-BCD	0.00	0.00	149.15	0.000	0.00	0.0	0.0	0.000	A
A-B	0.00	0.00			0.00				
A-C	10.81	10.81			10.81				
D-AB	0.00	0.00	150.44	0.000	0.00	0.0	0.0	0.000	A
D-BC	0.00	0.00	133.51	0.000	0.00	0.0	0.0	0.000	A
C-ABD	3.19	3.19	80.23	0.040	3.18	0.0	0.0	11.778	B
C-D	0.00	0.00			0.00				
C-A	4.61	4.61			4.61				

13:15 - 13:30

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-CD	3.21	3.21	94.48	0.034	3.21	0.0	0.0	9.860	A
B-AD	0.00	0.00	121.83	0.000	0.00	0.0	0.0	0.000	A
A-BCD	0.00	0.00	143.43	0.000	0.00	0.0	0.0	0.000	A
A-B	0.00	0.00			0.00				
A-C	13.84	13.84			13.84				
D-AB	0.00	0.00	146.34	0.000	0.00	0.0	0.0	0.000	A
D-BC	0.00	0.00	129.14	0.000	0.00	0.0	0.0	0.000	A
C-ABD	3.76	3.76	90.52	0.041	3.75	0.0	0.1	10.751	B
C-D	0.00	0.00			0.00				
C-A	17.25	17.25			17.25				

13:30 - 13:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-CD	3.21	3.21	95.76	0.034	3.21	0.0	0.0	9.726	A
B-AD	0.00	0.00	124.95	0.000	0.00	0.0	0.0	0.000	A
A-BCD	0.00	0.00	147.69	0.000	0.00	0.0	0.0	0.000	A
A-B	0.00	0.00			0.00				
A-C	8.40	8.40			8.40				
D-AB	0.00	0.00	149.10	0.000	0.00	0.0	0.0	0.000	A
D-BC	0.00	0.00	132.35	0.000	0.00	0.0	0.0	0.000	A
C-ABD	3.44	3.44	85.62	0.040	3.45	0.1	0.0	10.730	B
C-D	0.00	0.00			0.00				
C-A	10.37	10.37			10.37				

13:45 - 14:00

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-CD	3.21	3.21	95.30	0.034	3.21	0.0	0.0	9.772	A
B-AD	0.00	0.00	124.04	0.000	0.00	0.0	0.0	0.000	A
A-BCD	0.00	0.00	145.98	0.000	0.00	0.0	0.0	0.000	A
A-B	0.00	0.00			0.00				
A-C	9.92	9.92			9.92				
D-AB	0.00	0.00	148.47	0.000	0.00	0.0	0.0	0.000	A
D-BC	0.00	0.00	131.55	0.000	0.00	0.0	0.0	0.000	A
C-ABD	3.49	3.49	86.21	0.041	3.49	0.0	0.0	10.922	B
C-D	0.00	0.00			0.00				
C-A	11.51	11.51			11.51				

14:00 - 14:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-CD	3.42	3.42	94.76	0.036	3.42	0.0	0.0	9.853	A
B-AD	0.00	0.00	122.94	0.000	0.00	0.0	0.0	0.000	A
A-BCD	0.00	0.00	145.76	0.000	0.00	0.0	0.0	0.000	A
A-B	0.00	0.00			0.00				
A-C	13.52	13.52			13.52				
D-AB	0.00	0.00	147.99	0.000	0.00	0.0	0.0	0.000	A
D-BC	0.00	0.00	130.73	0.000	0.00	0.0	0.0	0.000	A
C-ABD	3.74	3.74	82.81	0.045	3.74	0.0	0.1	11.186	B
C-D	0.00	0.00			0.00				
C-A	8.62	8.62			8.62				

14:15 - 14:30

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-CD	3.42	3.42	95.84	0.036	3.42	0.0	0.0	9.737	A
B-AD	0.00	0.00	125.77	0.000	0.00	0.0	0.0	0.000	A
A-BCD	0.00	0.00	145.20	0.000	0.00	0.0	0.0	0.000	A
A-B	0.00	0.00			0.00				
A-C	6.32	6.32			6.32				
D-AB	0.00	0.00	150.63	0.000	0.00	0.0	0.0	0.000	A
D-BC	0.00	0.00	133.75	0.000	0.00	0.0	0.0	0.000	A
C-ABD	3.54	3.54	80.62	0.044	3.55	0.1	0.0	11.638	B
C-D	0.00	0.00			0.00				
C-A	4.59	4.59			4.59				

14:30 - 14:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-CD	3.42	3.42	95.30	0.036	3.42	0.0	0.0	9.795	A
B-AD	0.00	0.00	123.45	0.000	0.00	0.0	0.0	0.000	A
A-BCD	0.00	0.00	143.39	0.000	0.00	0.0	0.0	0.000	A
A-B	0.00	0.00			0.00				
A-C	9.92	9.92			9.92				
D-AB	0.00	0.00	147.73	0.000	0.00	0.0	0.0	0.000	A
D-BC	0.00	0.00	130.71	0.000	0.00	0.0	0.0	0.000	A
C-ABD	3.99	3.99	88.16	0.045	3.98	0.0	0.1	10.985	B
C-D	0.00	0.00			0.00				
C-A	13.75	13.75			13.75				

14:45 - 15:00

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-CD	3.42	3.42	95.39	0.036	3.42	0.0	0.0	9.784	A
B-AD	0.00	0.00	124.69	0.000	0.00	0.0	0.0	0.000	A
A-BCD	0.00	0.00	147.98	0.000	0.00	0.0	0.0	0.000	A
A-B	0.00	0.00			0.00				
A-C	10.81	10.81			10.81				
D-AB	0.00	0.00	149.70	0.000	0.00	0.0	0.0	0.000	A
D-BC	0.00	0.00	132.65	0.000	0.00	0.0	0.0	0.000	A
C-ABD	3.65	3.65	82.32	0.044	3.66	0.1	0.0	11.199	B
C-D	0.00	0.00			0.00				
C-A	6.88	6.88			6.88				

15:00 - 15:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-CD	2.25	2.25	95.57	0.024	2.26	0.0	0.0	9.645	A
B-AD	0.00	0.00	123.06	0.000	0.00	0.0	0.0	0.000	A
A-BCD	0.00	0.00	146.21	0.000	0.00	0.0	0.0	0.000	A
A-B	0.00	0.00			0.00				
A-C	9.61	9.61			9.61				
D-AB	0.00	0.00	145.90	0.000	0.00	0.0	0.0	0.000	A
D-BC	0.00	0.00	129.48	0.000	0.00	0.0	0.0	0.000	A
C-ABD	3.41	3.41	92.40	0.037	3.41	0.0	0.0	10.394	B
C-D	0.00	0.00			0.00				
C-A	19.10	19.10			19.10				

15:15 - 15:30

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-CD	2.25	2.25	95.30	0.024	2.25	0.0	0.0	9.673	A
B-AD	0.00	0.00	122.61	0.000	0.00	0.0	0.0	0.000	A
A-BCD	0.00	0.00	144.20	0.000	0.00	0.0	0.0	0.000	A
A-B	0.00	0.00			0.00				
A-C	9.92	9.92			9.92				
D-AB	0.00	0.00	145.69	0.000	0.00	0.0	0.0	0.000	A
D-BC	0.00	0.00	129.17	0.000	0.00	0.0	0.0	0.000	A
C-ABD	3.30	3.30	89.27	0.037	3.30	0.0	0.0	10.296	B
C-D	0.00	0.00			0.00				
C-A	16.24	16.24			16.24				

15:30 - 15:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-CD	2.25	2.25	95.21	0.024	2.25	0.0	0.0	9.682	A
B-AD	0.00	0.00	124.31	0.000	0.00	0.0	0.0	0.000	A
A-BCD	0.00	0.00	148.79	0.000	0.00	0.0	0.0	0.000	A
A-B	0.00	0.00			0.00				
A-C	12.01	12.01			12.01				
D-AB	0.00	0.00	148.82	0.000	0.00	0.0	0.0	0.000	A
D-BC	0.00	0.00	132.17	0.000	0.00	0.0	0.0	0.000	A
C-ABD	2.96	2.96	82.17	0.036	2.96	0.0	0.0	11.169	B
C-D	0.00	0.00			0.00				
C-A	7.55	7.55			7.55				

15:45 - 16:00

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-CD	2.25	2.25	93.30	0.024	2.25	0.0	0.0	9.883	A
B-AD	0.00	0.00	121.16	0.000	0.00	0.0	0.0	0.000	A
A-BCD	0.00	0.00	145.48	0.000	0.00	0.0	0.0	0.000	A
A-B	0.00	0.00			0.00				
A-C	20.16	20.16			20.16				
D-AB	0.00	0.00	147.38	0.000	0.00	0.0	0.0	0.000	A
D-BC	0.00	0.00	129.98	0.000	0.00	0.0	0.0	0.000	A
C-ABD	3.04	3.04	82.62	0.037	3.04	0.0	0.0	11.438	B
C-D	0.00	0.00			0.00				
C-A	9.55	9.55			9.55				

16:00 - 16:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-CD	2.10	2.10	94.22	0.022	2.10	0.0	0.0	9.772	A
B-AD	0.00	0.00	122.49	0.000	0.00	0.0	0.0	0.000	A
A-BCD	0.00	0.00	145.89	0.000	0.00	0.0	0.0	0.000	A
A-B	0.00	0.00			0.00				
A-C	17.13	17.13			17.13				
D-AB	0.00	0.00	147.24	0.000	0.00	0.0	0.0	0.000	A
D-BC	0.00	0.00	130.38	0.000	0.00	0.0	0.0	0.000	A
C-ABD	2.46	2.46	86.37	0.028	2.47	0.0	0.0	10.852	B
C-D	0.00	0.00			0.00				
C-A	13.13	13.13			13.13				

16:15 - 16:30

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-CD	2.10	2.10	94.58	0.022	2.10	0.0	0.0	9.731	A
B-AD	0.00	0.00	123.44	0.000	0.00	0.0	0.0	0.000	A
A-BCD	0.00	0.00	146.63	0.000	0.00	0.0	0.0	0.000	A
A-B	0.00	0.00			0.00				
A-C	14.72	14.72			14.72				
D-AB	0.00	0.00	148.12	0.000	0.00	0.0	0.0	0.000	A
D-BC	0.00	0.00	131.39	0.000	0.00	0.0	0.0	0.000	A
C-ABD	2.39	2.39	84.67	0.028	2.39	0.0	0.0	10.862	B
C-D	0.00	0.00			0.00				
C-A	10.80	10.80			10.80				

16:30 - 16:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-CD	46.75	46.75	181.86	0.257	46.41	0.0	0.4	6.977	A
B-AD	2.85	2.85	123.64	0.023	2.83	0.0	0.0	7.450	A
A-BCD	0.00	0.00	149.01	0.000	0.00	0.0	0.0	0.000	A
A-B	0.00	0.00			0.00				
A-C	8.40	8.40			8.40				
D-AB	0.00	0.00	149.38	0.000	0.00	0.0	0.0	0.000	A
D-BC	0.00	0.00	126.89	0.000	0.00	0.0	0.0	0.000	A
C-ABD	2.29	2.29	82.58	0.028	2.29	0.0	0.0	11.047	B
C-D	0.00	0.00			0.00				
C-A	7.62	7.62			7.62				

16:45 - 17:00

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-CD	46.75	46.75	180.54	0.259	46.76	0.4	0.4	6.727	A
B-AD	2.85	2.85	120.82	0.024	2.85	0.0	0.0	7.627	A
A-BCD	0.00	0.00	147.29	0.000	0.00	0.0	0.0	0.000	A
A-B	0.00	0.00			0.00				
A-C	13.21	13.21			13.21				
D-AB	0.00	0.00	145.90	0.000	0.00	0.0	0.0	0.000	A
D-BC	0.00	0.00	123.15	0.000	0.00	0.0	0.0	0.000	A
C-ABD	2.67	2.67	92.95	0.029	2.67	0.0	0.0	10.355	B
C-D	0.00	0.00			0.00				
C-A	20.12	20.12			20.12				

17:00 - 17:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-CD	47.17	47.17	178.07	0.265	47.17	0.4	0.4	6.837	A
B-AD	2.85	2.85	121.14	0.024	2.85	0.0	0.0	7.607	A
A-BCD	0.00	0.00	145.46	0.000	0.00	0.0	0.0	0.000	A
A-B	0.00	0.00			0.00				
A-C	13.84	13.84			13.84				
D-AB	0.00	0.00	146.76	0.000	0.00	0.0	0.0	0.000	A
D-BC	0.00	0.00	123.91	0.000	0.00	0.0	0.0	0.000	A
C-ABD	0.92	0.92	91.83	0.010	0.95	0.0	0.0	9.937	A
C-D	0.00	0.00			0.00				
C-A	19.01	19.01			19.01				

17:15 - 17:30

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-CD	47.17	47.17	179.11	0.263	47.17	0.4	0.4	6.820	A
B-AD	2.85	2.85	121.96	0.023	2.85	0.0	0.0	7.555	A
A-BCD	0.00	0.00	147.53	0.000	0.00	0.0	0.0	0.000	A
A-B	0.00	0.00			0.00				
A-C	13.21	13.21			13.21				
D-AB	0.00	0.00	146.97	0.000	0.00	0.0	0.0	0.000	A
D-BC	0.00	0.00	124.35	0.000	0.00	0.0	0.0	0.000	A
C-ABD	0.90	0.90	91.04	0.010	0.90	0.0	0.0	9.902	A
C-D	0.00	0.00			0.00				
C-A	18.14	18.14			18.14				

17:30 - 17:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-CD	2.52	2.52	99.82	0.027	2.86	0.4	0.0	5.378	A
B-AD	0.00	0.00	122.73	0.000	0.02	0.0	0.0	0.000	A
A-BCD	0.00	0.00	146.23	0.000	0.00	0.0	0.0	0.000	A
A-B	0.00	0.00			0.00				
A-C	17.44	17.44			17.44				
D-AB	0.00	0.00	147.04	0.000	0.00	0.0	0.0	0.000	A
D-BC	0.00	0.00	130.19	0.000	0.00	0.0	0.0	0.000	A
C-ABD	0.89	0.89	89.17	0.010	0.89	0.0	0.0	10.207	B
C-D	0.00	0.00			0.00				
C-A	16.64	16.64			16.64				

17:45 - 18:00

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-CD	2.52	2.52	94.76	0.027	2.51	0.0	0.0	9.755	A
B-AD	0.00	0.00	125.13	0.000	0.00	0.0	0.0	0.000	A
A-BCD	0.00	0.00	148.01	0.000	0.00	0.0	0.0	0.000	A
A-B	0.00	0.00			0.00				
A-C	13.52	13.52			13.52				
D-AB	0.00	0.00	149.49	0.000	0.00	0.0	0.0	0.000	A
D-BC	0.00	0.00	132.95	0.000	0.00	0.0	0.0	0.000	A
C-ABD	0.81	0.81	83.82	0.010	0.81	0.0	0.0	10.624	B
C-D	0.00	0.00			0.00				
C-A	9.51	9.51			9.51				

18:00 - 18:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-CD	0.72	0.72	94.85	0.008	0.74	0.0	0.0	9.564	A
B-AD	0.00	0.00	123.66	0.000	0.00	0.0	0.0	0.000	A
A-BCD	0.00	0.00	147.87	0.000	0.00	0.0	0.0	0.000	A
A-B	0.00	0.00			0.00				
A-C	14.41	14.41			14.41				
D-AB	0.00	0.00	147.40	0.000	0.00	0.0	0.0	0.000	A
D-BC	0.00	0.00	131.27	0.000	0.00	0.0	0.0	0.000	A
C-ABD	1.85	1.85	89.81	0.021	1.83	0.0	0.0	10.354	B
C-D	0.00	0.00			0.00				
C-A	16.46	16.46			16.46				

18:15 - 18:30

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-CD	0.72	0.72	94.30	0.008	0.72	0.0	0.0	9.616	A
B-AD	0.00	0.00	123.31	0.000	0.00	0.0	0.0	0.000	A
A-BCD	0.00	0.00	146.12	0.000	0.00	0.0	0.0	0.000	A
A-B	0.00	0.00			0.00				
A-C	15.04	15.04			15.04				
D-AB	0.00	0.00	147.98	0.000	0.00	0.0	0.0	0.000	A
D-BC	0.00	0.00	131.60	0.000	0.00	0.0	0.0	0.000	A
C-ABD	1.77	1.77	86.46	0.021	1.77	0.0	0.0	10.529	B
C-D	0.00	0.00			0.00				
C-A	12.93	12.93			12.93				

18:30 - 18:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-CD	0.72	0.72	96.30	0.007	0.72	0.0	0.0	9.416	A
B-AD	0.00	0.00	126.50	0.000	0.00	0.0	0.0	0.000	A
A-BCD	0.00	0.00	148.45	0.000	0.00	0.0	0.0	0.000	A
A-B	0.00	0.00			0.00				
A-C	4.80	4.80			4.80				
D-AB	0.00	0.00	149.31	0.000	0.00	0.0	0.0	0.000	A
D-BC	0.00	0.00	133.74	0.000	0.00	0.0	0.0	0.000	A
C-ABD	1.77	1.77	88.00	0.020	1.77	0.0	0.0	10.432	B
C-D	0.00	0.00			0.00				
C-A	12.94	12.94			12.94				

18:45 - 19:00

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-CD	0.72	0.72	95.57	0.008	0.72	0.0	0.0	9.487	A
B-AD	0.00	0.00	124.89	0.000	0.00	0.0	0.0	0.000	A
A-BCD	0.00	0.00	148.92	0.000	0.00	0.0	0.0	0.000	A
A-B	0.00	0.00			0.00				
A-C	9.61	9.61			9.61				
D-AB	0.00	0.00	148.03	0.000	0.00	0.0	0.0	0.000	A
D-BC	0.00	0.00	132.19	0.000	0.00	0.0	0.0	0.000	A
C-ABD	1.80	1.80	88.43	0.020	1.80	0.0	0.0	10.387	B
C-D	0.00	0.00			0.00				
C-A	14.42	14.42			14.42				

Junctions 9

ARCADY 9 - Roundabout Module

Filename: Junction 3 - M6 - R148 - L8021 Roundabout.j9
Path: W:\2022\P22-013\Modelling
Report generation date: 29/06/2022 15:45:16

Summary of junction performance

	12hrs			
	Queue (Veh)	Delay (s)	RFC	LOS
	Op Year			
2 - R148	0.2	2.70	0.20	A
3 - M6 (E)	0.0	3.03	0.02	A
4 - L8021	0.1	2.68	0.09	A
	Op Year +5			
2 - R148	0.3	2.79	0.21	A
3 - M6 (E)	0.0	3.06	0.02	A
4 - L8021	0.1	2.74	0.10	A
	Op Year +15			
2 - R148	0.3	2.89	0.24	A
3 - M6 (E)	0.0	3.09	0.02	A
4 - L8021	0.1	2.82	0.11	A
	Op Year + Dev			
2 - R148	0.4	2.72	0.28	A
3 - M6 (E)	0.0	3.07	0.03	A
4 - L8021	0.2	2.88	0.19	A
	Op Year +5 + Dev			
2 - R148	0.4	2.81	0.30	A
3 - M6 (E)	0.0	3.10	0.03	A
4 - L8021	0.2	2.92	0.20	A
	Op Year +15 + Dev			
2 - R148	0.4	2.91	0.32	A
3 - M6 (E)	0.0	3.14	0.03	A
4 - L8021	0.2	2.98	0.21	A
	Op Year+Dev+ Adj			
2 - R148	0.4	2.72	0.28	A
3 - M6 (E)	0.0	3.07	0.03	A
4 - L8021	0.2	2.88	0.20	A

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

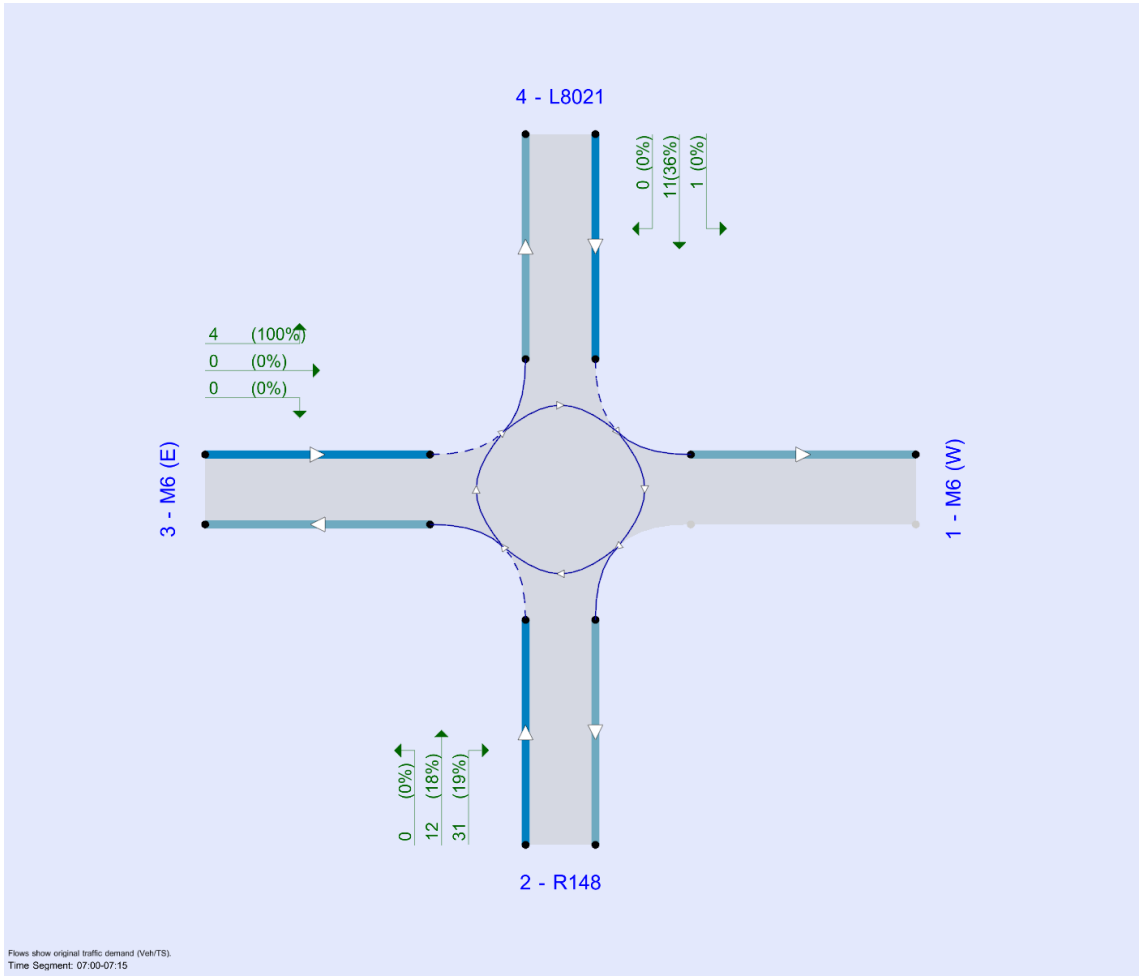
File summary

File Description

Title	
Location	
Site number	
Date	03/02/2022
Version	
Status	(new file)
Identifier	
Client	
Jobnumber	
Enumerator	PMCE\farnanr
Description	

Units

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



The junction diagram reflects the last run of Junctions.

Analysis Options

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

Analysis Set Details

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

Demand Set Details

ID	Scenario name	Time Period name	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time period length (min)	Time segment length (min)	Run automatically	Relationship type	Relationship
D10	Op Year +15 + Dev	12hrs	DIRECT	07:00	19:00	720	15	✓	Simple	D5 + D6

Op Year +15 + Dev, 12hrs

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Use circulating lanes	Arm order	Junction Delay (s)	Junction LOS
1	M6 - R148 - L8021	Standard Roundabout		1, 2, 3, 4	2.95	A

Junction Network Options

Driving side	Lighting
Left	Normal/unknown

Arms

Arms

Arm	Name	Description
1	M6 (W)	
2	R148	
3	M6 (E)	
4	L8021	

Roundabout Geometry

Arm	V - Approach road half-width (m)	E - Entry width (m)	l' - Effective flare length (m)	R - Entry radius (m)	D - Inscribed circle diameter (m)	PHI - Conflict (entry) angle (deg)	Exit only
1 - M6 (W)							✓
2 - R148	6.00	7.70	6.5	15.0	50.0	30.0	
3 - M6 (E)	7.80	9.20	3.6	25.0	50.0	30.0	
4 - L8021	5.50	7.50	14.0	25.0	50.0	30.0	

Slope / Intercept / Capacity

Roundabout Slope and Intercept used in model

Arm	Final slope	Final intercept (PCU/TS)
1 - M6 (W)		
2 - R148	0.673	516.053
3 - M6 (E)	0.777	644.341
4 - L8021	0.688	525.687

The slope and intercept shown above include any corrections and adjustments.

Traffic Demand

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 (%)
1 - M6 (W)				
2 - R148		DIRECT	✓	100.000
3 - M6 (E)		DIRECT	✓	100.000
4 - L8021		DIRECT	✓	100.000

Origin-Destination Data

07:00 - 07:15

Demand (Veh/TS)

		To			
		1 - M6 (W)	2 - R148	3 - M6 (E)	4 - L8021
From	1 - M6 (W)	Exit-only	Exit-only	Exit-only	Exit-only
	2 - R148	30.50	0.00	0.00	11.53
	3 - M6 (E)	0.00	0.00	0.00	3.91
	4 - L8021	1.18	11.15	0.00	0.00

07:15 - 07:30

Demand (Veh/TS)

		To			
		1 - M6 (W)	2 - R148	3 - M6 (E)	4 - L8021
From	1 - M6 (W)	Exit-only	Exit-only	Exit-only	Exit-only
	2 - R148	41.85	0.00	0.00	17.43
	3 - M6 (E)	0.00	0.00	0.00	5.33
	4 - L8021	4.73	11.62	0.00	0.00

07:30 - 07:45

Demand (Veh/TS)

		To			
		1 - M6 (W)	2 - R148	3 - M6 (E)	4 - L8021
From	1 - M6 (W)	Exit-only	Exit-only	Exit-only	Exit-only
	2 - R148	43.50	0.00	0.00	85.72
	3 - M6 (E)	0.00	0.00	0.00	11.73
	4 - L8021	1.18	17.06	0.00	0.00

07:45 - 08:00

Demand (Veh/TS)

		To			
		1 - M6 (W)	2 - R148	3 - M6 (E)	4 - L8021
From	1 - M6 (W)	Exit-only	Exit-only	Exit-only	Exit-only
	2 - R148	40.43	0.00	0.00	109.60
	3 - M6 (E)	0.00	0.00	0.00	8.18
	4 - L8021	6.62	24.16	0.00	0.00

08:00 - 08:15

Demand (Veh/TS)

		To			
		1 - M6 (W)	2 - R148	3 - M6 (E)	4 - L8021
From	1 - M6 (W)	Exit-only	Exit-only	Exit-only	Exit-only
	2 - R148	49.41	0.00	0.00	59.49
	3 - M6 (E)	0.00	1.18	0.00	10.68
	4 - L8021	7.09	23.12	0.00	0.00

08:15 - 08:30

Demand (Veh/TS)

		To			
		1 - M6 (W)	2 - R148	3 - M6 (E)	4 - L8021
From	1 - M6 (W)	Exit-only	Exit-only	Exit-only	Exit-only
	2 - R148	45.87	0.00	0.00	55.71
	3 - M6 (E)	0.00	1.18	0.00	8.32
	4 - L8021	4.73	19.58	0.00	0.00

08:30 - 08:45

Demand (Veh/TS)

		To			
		1 - M6 (W)	2 - R148	3 - M6 (E)	4 - L8021
From	1 - M6 (W)	Exit-only	Exit-only	Exit-only	Exit-only
	2 - R148	33.33	0.00	0.00	20.06
	3 - M6 (E)	1.18	0.00	0.00	2.62
	4 - L8021	4.96	26.91	0.00	0.00

08:45 - 09:00

Demand (Veh/TS)

		To			
		1 - M6 (W)	2 - R148	3 - M6 (E)	4 - L8021
From	1 - M6 (W)	Exit-only	Exit-only	Exit-only	Exit-only
	2 - R148	38.30	0.00	0.00	8.71
	3 - M6 (E)	1.18	0.00	0.00	4.04
	4 - L8021	2.60	17.45	0.00	0.00

09:00 - 09:15

Demand (Veh/TS)

		To			
		1 - M6 (W)	2 - R148	3 - M6 (E)	4 - L8021
From	1 - M6 (W)	Exit-only	Exit-only	Exit-only	Exit-only
	2 - R148	18.21	0.00	0.00	10.47
	3 - M6 (E)	0.00	1.18	0.00	5.81
	4 - L8021	5.20	18.75	0.00	0.00

09:15 - 09:30

Demand (Veh/TS)

		To			
		1 - M6 (W)	2 - R148	3 - M6 (E)	4 - L8021
From	1 - M6 (W)	Exit-only	Exit-only	Exit-only	Exit-only
	2 - R148	17.97	0.00	0.00	16.61
	3 - M6 (E)	0.00	1.42	0.00	7.23
	4 - L8021	2.60	22.77	0.00	0.00

09:30 - 09:45

Demand (Veh/TS)

		To			
		1 - M6 (W)	2 - R148	3 - M6 (E)	4 - L8021
From	1 - M6 (W)	Exit-only	Exit-only	Exit-only	Exit-only
	2 - R148	27.66	0.00	0.00	10.70
	3 - M6 (E)	0.00	0.00	0.00	6.05
	4 - L8021	2.36	26.56	0.00	0.00

09:45 - 10:00

Demand (Veh/TS)

		To			
		1 - M6 (W)	2 - R148	3 - M6 (E)	4 - L8021
From	1 - M6 (W)	Exit-only	Exit-only	Exit-only	Exit-only
	2 - R148	31.21	0.00	0.00	4.32
	3 - M6 (E)	0.00	0.00	0.00	6.05
	4 - L8021	4.02	20.17	0.00	0.00

10:00 - 10:15

Demand (Veh/TS)

		To			
		1 - M6 (W)	2 - R148	3 - M6 (E)	4 - L8021
From	1 - M6 (W)	Exit-only	Exit-only	Exit-only	Exit-only
	2 - R148	24.59	0.00	0.00	11.45
	3 - M6 (E)	0.00	0.00	0.00	5.81
	4 - L8021	2.60	25.51	0.00	0.00

10:15 - 10:30

Demand (Veh/TS)

		To			
		1 - M6 (W)	2 - R148	3 - M6 (E)	4 - L8021
From	1 - M6 (W)	Exit-only	Exit-only	Exit-only	Exit-only
	2 - R148	32.16	0.00	0.00	16.65
	3 - M6 (E)	0.00	1.18	0.00	4.63
	4 - L8021	1.18	10.86	0.00	0.00

Demand (Veh/TS)

10:30 - 10:45

		To			
		1 - M6 (W)	2 - R148	3 - M6 (E)	4 - L8021
From	1 - M6 (W)	Exit-only	Exit-only	Exit-only	Exit-only
	2 - R148	35.46	0.00	0.00	15.23
	3 - M6 (E)	1.18	2.36	0.00	2.03
	4 - L8021	1.18	22.91	0.00	0.00

Demand (Veh/TS)

10:45 - 11:00

		To			
		1 - M6 (W)	2 - R148	3 - M6 (E)	4 - L8021
From	1 - M6 (W)	Exit-only	Exit-only	Exit-only	Exit-only
	2 - R148	29.08	0.00	0.00	9.32
	3 - M6 (E)	0.00	1.18	0.00	3.45
	4 - L8021	4.02	11.33	0.00	0.00

Demand (Veh/TS)

11:00 - 11:15

		To			
		1 - M6 (W)	2 - R148	3 - M6 (E)	4 - L8021
From	1 - M6 (W)	Exit-only	Exit-only	Exit-only	Exit-only
	2 - R148	28.61	0.00	0.00	20.21
	3 - M6 (E)	0.00	0.00	0.00	2.11
	4 - L8021	0.00	16.49	0.00	0.00

Demand (Veh/TS)

11:15 - 11:30

		To			
		1 - M6 (W)	2 - R148	3 - M6 (E)	4 - L8021
From	1 - M6 (W)	Exit-only	Exit-only	Exit-only	Exit-only
	2 - R148	42.55	0.00	0.00	15.95
	3 - M6 (E)	0.00	1.18	0.00	4.71
	4 - L8021	1.42	13.42	0.00	0.00

Demand (Veh/TS)

11:30 - 11:45

		To			
		1 - M6 (W)	2 - R148	3 - M6 (E)	4 - L8021
From	1 - M6 (W)	Exit-only	Exit-only	Exit-only	Exit-only
	2 - R148	17.49	0.00	0.00	12.65
	3 - M6 (E)	0.00	1.42	0.00	4.94
	4 - L8021	1.18	13.89	0.00	0.00

Demand (Veh/TS)

11:45 - 12:00

		To			
		1 - M6 (W)	2 - R148	3 - M6 (E)	4 - L8021
From	1 - M6 (W)	Exit-only	Exit-only	Exit-only	Exit-only
	2 - R148	19.62	0.00	0.00	11.70
	3 - M6 (E)	0.00	0.00	0.00	4.71
	4 - L8021	2.36	17.44	0.00	0.00

12:00 - 12:15 **Demand (Veh/TS)**

		To			
		1 - M6 (W)	2 - R148	3 - M6 (E)	4 - L8021
From	1 - M6 (W)	Exit-only	Exit-only	Exit-only	Exit-only
	2 - R148	26.72	0.00	0.00	6.64
	3 - M6 (E)	0.00	0.00	0.00	4.40
	4 - L8021	1.42	14.84	0.00	0.00

Demand (Veh/TS)

12:15 - 12:30

		To			
		1 - M6 (W)	2 - R148	3 - M6 (E)	4 - L8021
From	1 - M6 (W)	Exit-only	Exit-only	Exit-only	Exit-only
	2 - R148	21.28	0.00	0.00	12.32
	3 - M6 (E)	1.42	1.18	0.00	1.57
	4 - L8021	4.02	12.47	0.00	0.00

Demand (Veh/TS)

12:30 - 12:45

		To			
		1 - M6 (W)	2 - R148	3 - M6 (E)	4 - L8021
From	1 - M6 (W)	Exit-only	Exit-only	Exit-only	Exit-only
	2 - R148	26.24	0.00	0.00	6.41
	3 - M6 (E)	0.00	0.00	0.00	4.17
	4 - L8021	0.00	16.97	0.00	0.00

Demand (Veh/TS)

12:45 - 13:00

		To			
		1 - M6 (W)	2 - R148	3 - M6 (E)	4 - L8021
From	1 - M6 (W)	Exit-only	Exit-only	Exit-only	Exit-only
	2 - R148	15.84	0.00	0.00	11.37
	3 - M6 (E)	0.00	0.00	0.00	1.57
	4 - L8021	0.00	18.62	0.00	0.00

Demand (Veh/TS)

13:00 - 13:15

		To			
		1 - M6 (W)	2 - R148	3 - M6 (E)	4 - L8021
From	1 - M6 (W)	Exit-only	Exit-only	Exit-only	Exit-only
	2 - R148	19.39	0.00	0.00	16.03
	3 - M6 (E)	1.42	1.18	0.00	3.99
	4 - L8021	2.84	24.25	0.00	0.00

Demand (Veh/TS)

13:15 - 13:30

		To			
		1 - M6 (W)	2 - R148	3 - M6 (E)	4 - L8021
From	1 - M6 (W)	Exit-only	Exit-only	Exit-only	Exit-only
	2 - R148	16.55	0.00	0.00	36.84
	3 - M6 (E)	0.00	2.36	0.00	3.75
	4 - L8021	2.60	20.47	0.00	0.00

Demand (Veh/TS)

13:30 - 13:45

		To			
		1 - M6 (W)	2 - R148	3 - M6 (E)	4 - L8021
From	1 - M6 (W)	Exit-only	Exit-only	Exit-only	Exit-only
	2 - R148	21.52	0.00	0.00	23.60
	3 - M6 (E)	0.00	0.00	0.00	2.57
	4 - L8021	2.60	10.54	0.00	0.00

13:45 - 14:00 **Demand (Veh/TS)**

		To			
		1 - M6 (W)	2 - R148	3 - M6 (E)	4 - L8021
From	1 - M6 (W)	Exit-only	Exit-only	Exit-only	Exit-only
	2 - R148	30.50	0.00	0.00	17.22
	3 - M6 (E)	0.00	0.00	0.00	2.57
	4 - L8021	6.38	19.76	0.00	0.00

Demand (Veh/TS)

14:00 - 14:15

		To			
		1 - M6 (W)	2 - R148	3 - M6 (E)	4 - L8021
From	1 - M6 (W)	Exit-only	Exit-only	Exit-only	Exit-only
	2 - R148	43.02	0.00	0.00	13.24
	3 - M6 (E)	0.00	1.18	0.00	4.27
	4 - L8021	10.16	17.84	0.00	0.00

Demand (Veh/TS)

14:15 - 14:30

		To			
		1 - M6 (W)	2 - R148	3 - M6 (E)	4 - L8021
From	1 - M6 (W)	Exit-only	Exit-only	Exit-only	Exit-only
	2 - R148	39.01	0.00	0.00	5.21
	3 - M6 (E)	0.00	1.18	0.00	5.45
	4 - L8021	5.44	16.90	0.00	0.00

Demand (Veh/TS)

14:30 - 14:45

		To			
		1 - M6 (W)	2 - R148	3 - M6 (E)	4 - L8021
From	1 - M6 (W)	Exit-only	Exit-only	Exit-only	Exit-only
	2 - R148	26.48	0.00	0.00	15.13
	3 - M6 (E)	0.00	0.00	0.00	2.85
	4 - L8021	4.96	11.93	0.00	0.00

Demand (Veh/TS)

14:45 - 15:00

		To			
		1 - M6 (W)	2 - R148	3 - M6 (E)	4 - L8021
From	1 - M6 (W)	Exit-only	Exit-only	Exit-only	Exit-only
	2 - R148	18.21	0.00	0.00	17.73
	3 - M6 (E)	0.00	2.36	0.00	4.27
	4 - L8021	2.36	16.90	0.00	0.00

Demand (Veh/TS)

15:00 - 15:15

		To			
		1 - M6 (W)	2 - R148	3 - M6 (E)	4 - L8021
From	1 - M6 (W)	Exit-only	Exit-only	Exit-only	Exit-only
	2 - R148	31.21	0.00	0.00	20.00
	3 - M6 (E)	0.00	2.36	0.00	2.29
	4 - L8021	3.55	16.20	0.00	0.00

Demand (Veh/TS)

15:15 - 15:30

		To			
		1 - M6 (W)	2 - R148	3 - M6 (E)	4 - L8021
From	1 - M6 (W)	Exit-only	Exit-only	Exit-only	Exit-only
	2 - R148	43.03	0.00	0.00	15.51
	3 - M6 (E)	0.00	2.36	0.00	2.29
	4 - L8021	1.18	16.67	0.00	0.00

15:30 - 15:45

Demand (Veh/TS)

		To			
		1 - M6 (W)	2 - R148	3 - M6 (E)	4 - L8021
From	1 - M6 (W)	Exit-only	Exit-only	Exit-only	Exit-only
	2 - R148	39.72	0.00	0.00	4.16
	3 - M6 (E)	1.18	1.18	0.00	6.07
	4 - L8021	0.00	19.51	0.00	0.00

Demand (Veh/TS)

15:45 - 16:00

		To			
		1 - M6 (W)	2 - R148	3 - M6 (E)	4 - L8021
From	1 - M6 (W)	Exit-only	Exit-only	Exit-only	Exit-only
	2 - R148	26.72	0.00	0.00	20.71
	3 - M6 (E)	0.00	3.78	0.00	2.29
	4 - L8021	3.78	28.02	0.00	0.00

Demand (Veh/TS)

16:00 - 16:15

		To			
		1 - M6 (W)	2 - R148	3 - M6 (E)	4 - L8021
From	1 - M6 (W)	Exit-only	Exit-only	Exit-only	Exit-only
	2 - R148	48.94	0.00	0.00	16.37
	3 - M6 (E)	0.00	3.78	0.00	2.96
	4 - L8021	3.78	24.56	0.00	0.00

Demand (Veh/TS)

16:15 - 16:30

		To			
		1 - M6 (W)	2 - R148	3 - M6 (E)	4 - L8021
From	1 - M6 (W)	Exit-only	Exit-only	Exit-only	Exit-only
	2 - R148	40.43	0.00	0.00	17.55
	3 - M6 (E)	0.00	3.55	0.00	6.97
	4 - L8021	9.93	26.45	0.00	0.00

Demand (Veh/TS)

16:30 - 16:45

		To			
		1 - M6 (W)	2 - R148	3 - M6 (E)	4 - L8021
From	1 - M6 (W)	Exit-only	Exit-only	Exit-only	Exit-only
	2 - R148	44.69	0.00	0.00	11.88
	3 - M6 (E)	0.00	4.96	0.00	3.19
	4 - L8021	21.55	71.78	0.00	0.00

Demand (Veh/TS)

16:45 - 17:00

		To			
		1 - M6 (W)	2 - R148	3 - M6 (E)	4 - L8021
From	1 - M6 (W)	Exit-only	Exit-only	Exit-only	Exit-only
	2 - R148	31.21	0.00	0.00	20.63
	3 - M6 (E)	0.00	2.36	0.00	2.96
	4 - L8021	17.77	59.01	0.00	0.00

Demand (Veh/TS)

17:00 - 17:15

		To			
		1 - M6 (W)	2 - R148	3 - M6 (E)	4 - L8021
From	1 - M6 (W)	Exit-only	Exit-only	Exit-only	Exit-only
	2 - R148	42.09	0.00	0.00	16.65
	3 - M6 (E)	0.00	2.36	0.00	2.98
	4 - L8021	16.35	62.50	0.00	0.00

17:15 - 17:30

Demand (Veh/TS)

		To			
		1 - M6 (W)	2 - R148	3 - M6 (E)	4 - L8021
From	1 - M6 (W)	Exit-only	Exit-only	Exit-only	Exit-only
	2 - R148	48.94	0.00	0.00	21.85
	3 - M6 (E)	0.00	3.78	0.00	5.58
	4 - L8021	16.59	76.69	0.00	0.00

Demand (Veh/TS)

17:30 - 17:45

		To			
		1 - M6 (W)	2 - R148	3 - M6 (E)	4 - L8021
From	1 - M6 (W)	Exit-only	Exit-only	Exit-only	Exit-only
	2 - R148	55.57	0.00	0.00	8.38
	3 - M6 (E)	0.00	2.36	0.00	1.80
	4 - L8021	4.73	23.09	0.00	0.00

Demand (Veh/TS)

17:45 - 18:00

		To			
		1 - M6 (W)	2 - R148	3 - M6 (E)	4 - L8021
From	1 - M6 (W)	Exit-only	Exit-only	Exit-only	Exit-only
	2 - R148	39.25	0.00	0.00	9.56
	3 - M6 (E)	0.00	2.36	0.00	0.62
	4 - L8021	2.36	21.91	0.00	0.00

Demand (Veh/TS)

18:00 - 18:15

		To			
		1 - M6 (W)	2 - R148	3 - M6 (E)	4 - L8021
From	1 - M6 (W)	Exit-only	Exit-only	Exit-only	Exit-only
	2 - R148	43.27	0.00	0.00	13.22
	3 - M6 (E)	0.00	3.55	0.00	1.29
	4 - L8021	2.60	19.87	0.00	0.00

Demand (Veh/TS)

18:15 - 18:30

		To			
		1 - M6 (W)	2 - R148	3 - M6 (E)	4 - L8021
From	1 - M6 (W)	Exit-only	Exit-only	Exit-only	Exit-only
	2 - R148	27.19	0.00	0.00	4.94
	3 - M6 (E)	0.00	1.18	0.00	6.72
	4 - L8021	2.36	9.00	0.00	0.00

Demand (Veh/TS)

18:30 - 18:45

		To			
		1 - M6 (W)	2 - R148	3 - M6 (E)	4 - L8021
From	1 - M6 (W)	Exit-only	Exit-only	Exit-only	Exit-only
	2 - R148	37.83	0.00	0.00	17.95
	3 - M6 (E)	0.00	1.18	0.00	3.65
	4 - L8021	1.18	6.63	0.00	0.00

Demand (Veh/TS)

18:45 - 19:00

		To			
		1 - M6 (W)	2 - R148	3 - M6 (E)	4 - L8021
From	1 - M6 (W)	Exit-only	Exit-only	Exit-only	Exit-only
	2 - R148	29.56	0.00	0.00	4.00
	3 - M6 (E)	0.00	2.36	0.00	2.47
	4 - L8021	1.18	16.32	0.00	0.00

Vehicle Mix

07:00 - 07:15

Heavy Vehicle Percentages

		To			
		1 - M6 (W)	2 - R148	3 - M6 (E)	4 - L8021
From	1 - M6 (W)	Exit-only	Exit-only	Exit-only	Exit-only
	2 - R148	19	0	0	18
	3 - M6 (E)	0	0	0	100
	4 - L8021	0	36	0	0

Heavy Vehicle Percentages

07:15 - 07:30

		To			
		1 - M6 (W)	2 - R148	3 - M6 (E)	4 - L8021
From	1 - M6 (W)	Exit-only	Exit-only	Exit-only	Exit-only
	2 - R148	24	0	0	53
	3 - M6 (E)	0	0	0	100
	4 - L8021	0	59	0	0

Heavy Vehicle Percentages

07:30 - 07:45

		To			
		1 - M6 (W)	2 - R148	3 - M6 (E)	4 - L8021
From	1 - M6 (W)	Exit-only	Exit-only	Exit-only	Exit-only
	2 - R148	13	0	0	4
	3 - M6 (E)	0	0	0	33
	4 - L8021	0	24	0	0

Heavy Vehicle Percentages

07:45 - 08:00

		To			
		1 - M6 (W)	2 - R148	3 - M6 (E)	4 - L8021
From	1 - M6 (W)	Exit-only	Exit-only	Exit-only	Exit-only
	2 - R148	21	0	0	4
	3 - M6 (E)	0	0	0	48
	4 - L8021	64	17	0	0

Heavy Vehicle Percentages

08:00 - 08:15

		To			
		1 - M6 (W)	2 - R148	3 - M6 (E)	4 - L8021
From	1 - M6 (W)	Exit-only	Exit-only	Exit-only	Exit-only
	2 - R148	11	0	0	6
	3 - M6 (E)	0	0	0	38
	4 - L8021	0	18	0	0

Heavy Vehicle Percentages

08:15 - 08:30

		To			
		1 - M6 (W)	2 - R148	3 - M6 (E)	4 - L8021
From	1 - M6 (W)	Exit-only	Exit-only	Exit-only	Exit-only
	2 - R148	12	0	0	3
	3 - M6 (E)	0	0	0	49
	4 - L8021	0	21	0	0

Heavy Vehicle Percentages

08:30 - 08:45

		To			
		1 - M6 (W)	2 - R148	3 - M6 (E)	4 - L8021
From	1 - M6 (W)	Exit-only	Exit-only	Exit-only	Exit-only
	2 - R148	26	0	0	59
	3 - M6 (E)	0	0	0	100
	4 - L8021	29	21	0	0

08:45 - 09:00

Heavy Vehicle Percentages

		To			
		1 - M6 (W)	2 - R148	3 - M6 (E)	4 - L8021
From	1 - M6 (W)	Exit-only	Exit-only	Exit-only	Exit-only
	2 - R148	26	0	0	5
	3 - M6 (E)	0	0	0	100
	4 - L8021	55	32	0	0

Heavy Vehicle Percentages

09:00 - 09:15

		To			
		1 - M6 (W)	2 - R148	3 - M6 (E)	4 - L8021
From	1 - M6 (W)	Exit-only	Exit-only	Exit-only	Exit-only
	2 - R148	16	0	0	32
	3 - M6 (E)	0	0	0	80
	4 - L8021	55	24	0	0

Heavy Vehicle Percentages

09:15 - 09:30

		To			
		1 - M6 (W)	2 - R148	3 - M6 (E)	4 - L8021
From	1 - M6 (W)	Exit-only	Exit-only	Exit-only	Exit-only
	2 - R148	8	0	0	29
	3 - M6 (E)	0	100	0	84
	4 - L8021	55	33	0	0

Heavy Vehicle Percentages

09:30 - 09:45

		To			
		1 - M6 (W)	2 - R148	3 - M6 (E)	4 - L8021
From	1 - M6 (W)	Exit-only	Exit-only	Exit-only	Exit-only
	2 - R148	10	0	0	45
	3 - M6 (E)	0	0	0	100
	4 - L8021	0	33	0	0

Heavy Vehicle Percentages

09:45 - 10:00

		To			
		1 - M6 (W)	2 - R148	3 - M6 (E)	4 - L8021
From	1 - M6 (W)	Exit-only	Exit-only	Exit-only	Exit-only
	2 - R148	9	0	0	45
	3 - M6 (E)	0	0	0	100
	4 - L8021	71	30	0	0

Heavy Vehicle Percentages

10:00 - 10:15

		To			
		1 - M6 (W)	2 - R148	3 - M6 (E)	4 - L8021
From	1 - M6 (W)	Exit-only	Exit-only	Exit-only	Exit-only
	2 - R148	23	0	0	28
	3 - M6 (E)	0	0	0	59
	4 - L8021	55	21	0	0

Heavy Vehicle Percentages

10:15 - 10:30

		To			
		1 - M6 (W)	2 - R148	3 - M6 (E)	4 - L8021
From	1 - M6 (W)	Exit-only	Exit-only	Exit-only	Exit-only
	2 - R148	4	0	0	36
	3 - M6 (E)	0	0	0	74
	4 - L8021	0	24	0	0

10:30 - 10:45

Heavy Vehicle Percentages

		To			
		1 - M6 (W)	2 - R148	3 - M6 (E)	4 - L8021
From	1 - M6 (W)	Exit-only	Exit-only	Exit-only	Exit-only
	2 - R148	40	0	0	30
	3 - M6 (E)	0	0	0	100
	4 - L8021	0	48	0	0

Heavy Vehicle Percentages

10:45 - 11:00

		To			
		1 - M6 (W)	2 - R148	3 - M6 (E)	4 - L8021
From	1 - M6 (W)	Exit-only	Exit-only	Exit-only	Exit-only
	2 - R148	15	0	0	49
	3 - M6 (E)	0	0	0	100
	4 - L8021	71	48	0	0

Heavy Vehicle Percentages

11:00 - 11:15

		To			
		1 - M6 (W)	2 - R148	3 - M6 (E)	4 - L8021
From	1 - M6 (W)	Exit-only	Exit-only	Exit-only	Exit-only
	2 - R148	30	0	0	30
	3 - M6 (E)	0	0	0	100
	4 - L8021	0	57	0	0

Heavy Vehicle Percentages

11:15 - 11:30

		To			
		1 - M6 (W)	2 - R148	3 - M6 (E)	4 - L8021
From	1 - M6 (W)	Exit-only	Exit-only	Exit-only	Exit-only
	2 - R148	33	0	0	56
	3 - M6 (E)	0	0	0	75
	4 - L8021	100	38	0	0

Heavy Vehicle Percentages

11:30 - 11:45

		To			
		1 - M6 (W)	2 - R148	3 - M6 (E)	4 - L8021
From	1 - M6 (W)	Exit-only	Exit-only	Exit-only	Exit-only
	2 - R148	32	0	0	25
	3 - M6 (E)	0	100	0	100
	4 - L8021	0	57	0	0

Heavy Vehicle Percentages

11:45 - 12:00

		To			
		1 - M6 (W)	2 - R148	3 - M6 (E)	4 - L8021
From	1 - M6 (W)	Exit-only	Exit-only	Exit-only	Exit-only
	2 - R148	22	0	0	39
	3 - M6 (E)	0	0	0	75
	4 - L8021	0	46	0	0

Heavy Vehicle Percentages

12:00 - 12:15

		To			
		1 - M6 (W)	2 - R148	3 - M6 (E)	4 - L8021
From	1 - M6 (W)	Exit-only	Exit-only	Exit-only	Exit-only
	2 - R148	16	0	0	47
	3 - M6 (E)	0	0	0	100
	4 - L8021	100	44	0	0

12:15 - 12:30

Heavy Vehicle Percentages

		To			
		1 - M6 (W)	2 - R148	3 - M6 (E)	4 - L8021
From	1 - M6 (W)	Exit-only	Exit-only	Exit-only	Exit-only
	2 - R148	33	0	0	14
	3 - M6 (E)	100	0	0	100
	4 - L8021	71	53	0	0

Heavy Vehicle Percentages

12:30 - 12:45

		To			
		1 - M6 (W)	2 - R148	3 - M6 (E)	4 - L8021
From	1 - M6 (W)	Exit-only	Exit-only	Exit-only	Exit-only
	2 - R148	32	0	0	26
	3 - M6 (E)	0	0	0	72
	4 - L8021	0	30	0	0

Heavy Vehicle Percentages

12:45 - 13:00

		To			
		1 - M6 (W)	2 - R148	3 - M6 (E)	4 - L8021
From	1 - M6 (W)	Exit-only	Exit-only	Exit-only	Exit-only
	2 - R148	18	0	0	27
	3 - M6 (E)	0	0	0	100
	4 - L8021	0	43	0	0

Heavy Vehicle Percentages

13:00 - 13:15

		To			
		1 - M6 (W)	2 - R148	3 - M6 (E)	4 - L8021
From	1 - M6 (W)	Exit-only	Exit-only	Exit-only	Exit-only
	2 - R148	15	0	0	56
	3 - M6 (E)	100	0	0	100
	4 - L8021	100	37	0	0

Heavy Vehicle Percentages

13:15 - 13:30

		To			
		1 - M6 (W)	2 - R148	3 - M6 (E)	4 - L8021
From	1 - M6 (W)	Exit-only	Exit-only	Exit-only	Exit-only
	2 - R148	0	0	0	17
	3 - M6 (E)	0	0	0	69
	4 - L8021	55	36	0	0

Heavy Vehicle Percentages

13:30 - 13:45

		To			
		1 - M6 (W)	2 - R148	3 - M6 (E)	4 - L8021
From	1 - M6 (W)	Exit-only	Exit-only	Exit-only	Exit-only
	2 - R148	7	0	0	20
	3 - M6 (E)	0	0	0	100
	4 - L8021	55	44	0	0

Heavy Vehicle Percentages

13:45 - 14:00

		To			
		1 - M6 (W)	2 - R148	3 - M6 (E)	4 - L8021
From	1 - M6 (W)	Exit-only	Exit-only	Exit-only	Exit-only
	2 - R148	19	0	0	11
	3 - M6 (E)	0	0	0	100
	4 - L8021	44	52	0	0

14:00 - 14:15

Heavy Vehicle Percentages

		To			
		1 - M6 (W)	2 - R148	3 - M6 (E)	4 - L8021
From	1 - M6 (W)	Exit-only	Exit-only	Exit-only	Exit-only
	2 - R148	40	0	0	46
	3 - M6 (E)	0	0	0	100
	4 - L8021	42	27	0	0

Heavy Vehicle Percentages

14:15 - 14:30

		To			
		1 - M6 (W)	2 - R148	3 - M6 (E)	4 - L8021
From	1 - M6 (W)	Exit-only	Exit-only	Exit-only	Exit-only
	2 - R148	18	0	0	9
	3 - M6 (E)	0	0	0	78
	4 - L8021	78	37	0	0

Heavy Vehicle Percentages

14:30 - 14:45

		To			
		1 - M6 (W)	2 - R148	3 - M6 (E)	4 - L8021
From	1 - M6 (W)	Exit-only	Exit-only	Exit-only	Exit-only
	2 - R148	37	0	0	22
	3 - M6 (E)	0	0	0	100
	4 - L8021	29	41	0	0

Heavy Vehicle Percentages

14:45 - 15:00

		To			
		1 - M6 (W)	2 - R148	3 - M6 (E)	4 - L8021
From	1 - M6 (W)	Exit-only	Exit-only	Exit-only	Exit-only
	2 - R148	16	0	0	27
	3 - M6 (E)	0	0	0	100
	4 - L8021	0	37	0	0

Heavy Vehicle Percentages

15:00 - 15:15

		To			
		1 - M6 (W)	2 - R148	3 - M6 (E)	4 - L8021
From	1 - M6 (W)	Exit-only	Exit-only	Exit-only	Exit-only
	2 - R148	9	0	0	23
	3 - M6 (E)	0	0	0	100
	4 - L8021	0	49	0	0

Heavy Vehicle Percentages

15:15 - 15:30

		To			
		1 - M6 (W)	2 - R148	3 - M6 (E)	4 - L8021
From	1 - M6 (W)	Exit-only	Exit-only	Exit-only	Exit-only
	2 - R148	23	0	0	39
	3 - M6 (E)	0	0	0	100
	4 - L8021	0	22	0	0

Heavy Vehicle Percentages

15:30 - 15:45

		To			
		1 - M6 (W)	2 - R148	3 - M6 (E)	4 - L8021
From	1 - M6 (W)	Exit-only	Exit-only	Exit-only	Exit-only
	2 - R148	11	0	0	43
	3 - M6 (E)	0	0	0	61
	4 - L8021	0	33	0	0

15:45 - 16:00

Heavy Vehicle Percentages

		To			
		1 - M6 (W)	2 - R148	3 - M6 (E)	4 - L8021
From	1 - M6 (W)	Exit-only	Exit-only	Exit-only	Exit-only
	2 - R148	16	0	0	43
	3 - M6 (E)	0	37	0	100
	4 - L8021	37	28	0	0

Heavy Vehicle Percentages

16:00 - 16:15

		To			
		1 - M6 (W)	2 - R148	3 - M6 (E)	4 - L8021
From	1 - M6 (W)	Exit-only	Exit-only	Exit-only	Exit-only
	2 - R148	20	0	0	28
	3 - M6 (E)	0	37	0	60
	4 - L8021	37	9	0	0

Heavy Vehicle Percentages

16:15 - 16:30

		To			
		1 - M6 (W)	2 - R148	3 - M6 (E)	4 - L8021
From	1 - M6 (W)	Exit-only	Exit-only	Exit-only	Exit-only
	2 - R148	21	0	0	26
	3 - M6 (E)	0	0	0	66
	4 - L8021	29	24	0	0

Heavy Vehicle Percentages

16:30 - 16:45

		To			
		1 - M6 (W)	2 - R148	3 - M6 (E)	4 - L8021
From	1 - M6 (W)	Exit-only	Exit-only	Exit-only	Exit-only
	2 - R148	13	0	0	50
	3 - M6 (E)	0	29	0	100
	4 - L8021	13	3	0	0

Heavy Vehicle Percentages

16:45 - 17:00

		To			
		1 - M6 (W)	2 - R148	3 - M6 (E)	4 - L8021
From	1 - M6 (W)	Exit-only	Exit-only	Exit-only	Exit-only
	2 - R148	9	0	0	8
	3 - M6 (E)	0	0	0	60
	4 - L8021	8	6	0	0

Heavy Vehicle Percentages

17:00 - 17:15

		To			
		1 - M6 (W)	2 - R148	3 - M6 (E)	4 - L8021
From	1 - M6 (W)	Exit-only	Exit-only	Exit-only	Exit-only
	2 - R148	10	0	0	1
	3 - M6 (E)	0	0	0	21
	4 - L8021	0	13	0	0

Heavy Vehicle Percentages

17:15 - 17:30

		To			
		1 - M6 (W)	2 - R148	3 - M6 (E)	4 - L8021
From	1 - M6 (W)	Exit-only	Exit-only	Exit-only	Exit-only
	2 - R148	6	0	0	13
	3 - M6 (E)	0	37	0	36
	4 - L8021	9	11	0	0

17:30 - 17:45

Heavy Vehicle Percentages

		To			
		1 - M6 (W)	2 - R148	3 - M6 (E)	4 - L8021
From	1 - M6 (W)	Exit-only	Exit-only	Exit-only	Exit-only
	2 - R148	0	0	0	1
	3 - M6 (E)	0	0	0	34
	4 - L8021	0	23	0	0

Heavy Vehicle Percentages

17:45 - 18:00

		To			
		1 - M6 (W)	2 - R148	3 - M6 (E)	4 - L8021
From	1 - M6 (W)	Exit-only	Exit-only	Exit-only	Exit-only
	2 - R148	4	0	0	1
	3 - M6 (E)	0	0	0	100
	4 - L8021	0	24	0	0

Heavy Vehicle Percentages

18:00 - 18:15

		To			
		1 - M6 (W)	2 - R148	3 - M6 (E)	4 - L8021
From	1 - M6 (W)	Exit-only	Exit-only	Exit-only	Exit-only
	2 - R148	10	0	0	2
	3 - M6 (E)	0	0	0	100
	4 - L8021	55	11	0	0

Heavy Vehicle Percentages

18:15 - 18:30

		To			
		1 - M6 (W)	2 - R148	3 - M6 (E)	4 - L8021
From	1 - M6 (W)	Exit-only	Exit-only	Exit-only	Exit-only
	2 - R148	0	0	0	4
	3 - M6 (E)	0	0	0	82
	4 - L8021	0	8	0	0

Heavy Vehicle Percentages

18:30 - 18:45

		To			
		1 - M6 (W)	2 - R148	3 - M6 (E)	4 - L8021
From	1 - M6 (W)	Exit-only	Exit-only	Exit-only	Exit-only
	2 - R148	0	0	0	1
	3 - M6 (E)	0	0	0	35
	4 - L8021	0	11	0	0

Heavy Vehicle Percentages

18:45 - 19:00

		To			
		1 - M6 (W)	2 - R148	3 - M6 (E)	4 - L8021
From	1 - M6 (W)	Exit-only	Exit-only	Exit-only	Exit-only
	2 - R148	0	0	0	41
	3 - M6 (E)	0	0	0	52
	4 - L8021	0	13	0	0

Results

Results Summary for whole modelled period

Arm	Max RFC	Max Delay (s)	Max Queue (Veh)	Max LOS	Average Demand (Veh/TS)	Total Junction Arrivals (Veh)
1 - M6 (W)						
2 - R148	0.32	2.91	0.4	A	52.31	2510.66
3 - M6 (E)	0.03	3.14	0.0	A	5.85	280.72
4 - L8021	0.21	2.98	0.2	A	26.74	1283.76

Main Results for each time segment

07:00 - 07:15

Arm	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Circulating flow (Veh/TS)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Throughput (exit side) (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
1 - M6 (W)			11.12				31.60				
2 - R148	42.03	42.03	0.00	435.78	0.096	41.92	11.12	0.0	0.1	2.285	A
3 - M6 (E)	3.91	3.91	41.92	302.87	0.013	3.89	0.00	0.0	0.0	3.009	A
4 - L8021	12.33	12.33	30.42	376.89	0.033	12.30	15.39	0.0	0.0	2.468	A

07:15 - 07:30

Arm	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Circulating flow (Veh/TS)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Throughput (exit side) (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
1 - M6 (W)			11.62				46.51				
2 - R148	59.28	59.28	0.00	390.45	0.152	59.21	11.62	0.1	0.2	2.717	A
3 - M6 (E)	5.33	5.33	59.21	291.75	0.018	5.32	0.00	0.0	0.0	3.141	A
4 - L8021	16.35	16.35	41.80	344.80	0.047	16.33	22.73	0.0	0.0	2.739	A

07:30 - 07:45

Arm	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Circulating flow (Veh/TS)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Throughput (exit side) (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
1 - M6 (W)			17.05				44.70				
2 - R148	129.22	129.22	0.00	481.59	0.268	128.99	17.05	0.2	0.4	2.551	A
3 - M6 (E)	11.73	11.73	128.99	402.24	0.029	11.71	0.00	0.0	0.0	2.304	A
4 - L8021	18.24	18.24	43.51	402.08	0.045	18.24	97.20	0.0	0.0	2.344	A

07:45 - 08:00

Arm	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Circulating flow (Veh/TS)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Throughput (exit side) (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
1 - M6 (W)			24.13				47.03				
2 - R148	150.03	150.03	0.00	473.72	0.317	149.93	24.13	0.4	0.5	2.779	A
3 - M6 (E)	8.18	8.18	149.93	350.26	0.023	8.19	0.00	0.0	0.0	2.630	A
4 - L8021	30.77	30.77	40.42	387.48	0.079	30.74	117.69	0.0	0.1	2.522	A

08:00 - 08:15

Arm	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Circulating flow (Veh/TS)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Throughput (exit side) (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
1 - M6 (W)			24.31				56.49				
2 - R148	108.91	108.91	0.00	476.84	0.228	109.06	24.31	0.5	0.3	2.447	A
3 - M6 (E)	11.86	11.86	109.06	412.10	0.029	11.86	0.00	0.0	0.0	2.248	A
4 - L8021	30.22	30.22	50.58	427.30	0.071	30.22	70.34	0.1	0.1	2.266	A

08:15 - 08:30

Arm	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Circulating flow (Veh/TS)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Throughput (exit side) (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
1 - M6 (W)			20.77				50.62				
2 - R148	101.58	101.58	0.00	480.44	0.211	101.61	20.77	0.3	0.3	2.375	A
3 - M6 (E)	9.50	9.50	101.61	392.58	0.024	9.50	0.00	0.0	0.0	2.348	A
4 - L8021	24.31	24.31	47.06	417.24	0.058	24.32	64.05	0.1	0.1	2.292	A

08:30 - 08:45

Arm	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Circulating flow (Veh/TS)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Throughput (exit side) (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
1 - M6 (W)			26.89				39.49				
2 - R148	53.39	53.39	0.00	374.21	0.143	53.47	26.89	0.3	0.2	2.806	A
3 - M6 (E)	3.80	3.80	53.47	347.68	0.011	3.82	0.00	0.0	0.0	2.618	A
4 - L8021	31.87	31.87	34.53	406.33	0.078	31.85	22.75	0.1	0.1	2.403	A

08:45 - 09:00

Arm	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Circulating flow (Veh/TS)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Throughput (exit side) (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
1 - M6 (W)			17.47				42.09				
2 - R148	47.01	47.01	0.00	422.78	0.111	47.07	17.47	0.2	0.1	2.395	A
3 - M6 (E)	5.22	5.22	47.07	338.14	0.015	5.22	0.00	0.0	0.0	2.702	A
4 - L8021	20.05	20.05	39.48	364.01	0.055	20.07	12.80	0.1	0.1	2.618	A

09:00 - 09:15

Arm	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Circulating flow (Veh/TS)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Throughput (exit side) (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
1 - M6 (W)			19.93				23.46				
2 - R148	28.67	28.67	0.00	424.30	0.068	28.73	19.93	0.1	0.1	2.276	A
3 - M6 (E)	7.00	7.00	28.73	371.27	0.019	6.99	0.00	0.0	0.0	2.470	A
4 - L8021	23.96	23.96	19.45	389.84	0.061	23.95	16.28	0.1	0.1	2.459	A

09:15 - 09:30

Arm	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Circulating flow (Veh/TS)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Throughput (exit side) (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
1 - M6 (W)			24.18				20.58				
2 - R148	34.58	34.58	0.00	437.49	0.079	34.57	24.18	0.1	0.1	2.233	A
3 - M6 (E)	8.65	8.65	34.57	328.86	0.026	8.64	0.00	0.0	0.0	2.810	A
4 - L8021	25.37	25.37	19.39	378.77	0.067	25.37	23.82	0.1	0.1	2.546	A

09:30 - 09:45

Arm	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Circulating flow (Veh/TS)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Throughput (exit side) (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
1 - M6 (W)			26.55				30.00				
2 - R148	38.36	38.36	0.00	430.49	0.089	38.35	26.55	0.1	0.1	2.294	A
3 - M6 (E)	6.05	6.05	38.35	304.62	0.020	6.06	0.00	0.0	0.0	3.013	A
4 - L8021	28.92	28.92	27.65	386.74	0.075	28.91	16.76	0.1	0.1	2.514	A

09:45 - 10:00

Arm	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Circulating flow (Veh/TS)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Throughput (exit side) (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
1 - M6 (W)			20.19				35.22				
2 - R148	35.53	35.53	0.00	454.67	0.078	35.54	20.19	0.1	0.1	2.148	A
3 - M6 (E)	6.05	6.05	35.54	306.49	0.020	6.05	0.00	0.0	0.0	2.994	A
4 - L8021	24.19	24.19	31.21	368.16	0.066	24.20	10.38	0.1	0.1	2.618	A

10:00 - 10:15

Arm	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Circulating flow (Veh/TS)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Throughput (exit side) (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
1 - M6 (W)			25.50				27.20				
2 - R148	36.04	36.04	0.00	414.38	0.087	36.02	25.50	0.1	0.1	2.378	A
3 - M6 (E)	5.81	5.81	36.02	382.10	0.015	5.82	0.00	0.0	0.0	2.391	A
4 - L8021	28.11	28.11	24.59	406.05	0.069	28.11	17.25	0.1	0.1	2.380	A

10:15 - 10:30

Arm	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Circulating flow (Veh/TS)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Throughput (exit side) (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
1 - M6 (W)			12.08				33.33				
2 - R148	48.81	48.81	0.00	447.81	0.109	48.78	12.08	0.1	0.1	2.255	A
3 - M6 (E)	5.81	5.81	48.78	376.97	0.015	5.81	0.00	0.0	0.0	2.424	A
4 - L8021	12.04	12.04	33.32	413.16	0.029	12.08	21.27	0.1	0.0	2.245	A

10:30 - 10:45

Arm	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Circulating flow (Veh/TS)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Throughput (exit side) (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
1 - M6 (W)			25.22				37.79				
2 - R148	50.69	50.69	0.00	376.73	0.135	50.66	25.22	0.1	0.2	2.759	A
3 - M6 (E)	5.58	5.58	50.66	432.54	0.013	5.58	0.00	0.0	0.0	2.109	A
4 - L8021	24.09	24.09	38.97	335.07	0.072	24.04	17.27	0.0	0.1	2.893	A

10:45 - 11:00

Arm	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Circulating flow (Veh/TS)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Throughput (exit side) (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
1 - M6 (W)			12.55				33.13				
2 - R148	38.40	38.40	0.00	419.19	0.092	38.45	12.55	0.2	0.1	2.363	A
3 - M6 (E)	4.63	4.63	38.45	348.43	0.013	4.63	0.00	0.0	0.0	2.617	A
4 - L8021	15.34	15.34	30.30	326.62	0.047	15.38	12.79	0.1	0.0	2.891	A

11:00 - 11:15

Arm	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Circulating flow (Veh/TS)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Throughput (exit side) (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
1 - M6 (W)			16.48				28.62				
2 - R148	48.82	48.82	0.00	397.69	0.123	48.77	16.48	0.1	0.1	2.579	A
3 - M6 (E)	2.11	2.11	48.77	297.81	0.007	2.11	0.00	0.0	0.0	3.045	A
4 - L8021	16.49	16.49	28.60	318.82	0.052	16.50	22.29	0.0	0.1	2.976	A

11:15 - 11:30

Arm	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Circulating flow (Veh/TS)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Throughput (exit side) (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
1 - M6 (W)			14.61				43.91				
2 - R148	58.50	58.50	0.00	370.30	0.158	58.45	14.61	0.1	0.2	2.885	A
3 - M6 (E)	5.89	5.89	58.45	363.34	0.016	5.88	0.00	0.0	0.0	2.517	A
4 - L8021	14.84	14.84	43.68	336.87	0.044	14.85	20.66	0.1	0.0	2.796	A

11:30 - 11:45

Arm	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Circulating flow (Veh/TS)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Throughput (exit side) (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
1 - M6 (W)			15.31				18.77				
2 - R148	30.14	30.14	0.00	398.53	0.076	30.24	15.31	0.2	0.1	2.443	A
3 - M6 (E)	6.36	6.36	30.24	307.08	0.021	6.36	0.00	0.0	0.0	2.992	A
4 - L8021	15.07	15.07	19.00	332.05	0.045	15.07	17.59	0.0	0.0	2.838	A

11:45 - 12:00

Arm	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Circulating flow (Veh/TS)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Throughput (exit side) (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
1 - M6 (W)			17.44				21.98				
2 - R148	31.32	31.32	0.00	402.26	0.078	31.32	17.44	0.1	0.1	2.425	A
3 - M6 (E)	4.71	4.71	31.32	350.61	0.013	4.72	0.00	0.0	0.0	2.603	A
4 - L8021	19.80	19.80	19.63	362.90	0.055	19.79	16.41	0.0	0.1	2.622	A

12:00 - 12:15

Arm	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Circulating flow (Veh/TS)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Throughput (exit side) (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
1 - M6 (W)			14.84				28.12				
2 - R148	33.36	33.36	0.00	422.80	0.079	33.36	14.84	0.1	0.1	2.310	A
3 - M6 (E)	4.40	4.40	33.36	306.45	0.014	4.40	0.00	0.0	0.0	2.979	A
4 - L8021	16.26	16.26	26.70	338.36	0.048	16.26	11.06	0.1	0.1	2.793	A

12:15 - 12:30

Arm	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Circulating flow (Veh/TS)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Throughput (exit side) (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
1 - M6 (W)			13.66				26.71				
2 - R148	33.60	33.60	0.00	409.20	0.082	33.59	13.66	0.1	0.1	2.395	A
3 - M6 (E)	4.17	4.17	33.59	356.26	0.012	4.17	0.00	0.0	0.0	2.555	A
4 - L8021	16.49	16.49	23.88	320.69	0.051	16.49	13.88	0.1	0.1	2.957	A

12:30 - 12:45

Arm	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Circulating flow (Veh/TS)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Throughput (exit side) (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
1 - M6 (W)			16.96				26.26				
2 - R148	32.65	32.65	0.00	393.36	0.083	32.65	16.96	0.1	0.1	2.494	A
3 - M6 (E)	4.17	4.17	32.65	356.25	0.012	4.17	0.00	0.0	0.0	2.557	A
4 - L8021	16.97	16.97	26.24	384.90	0.044	16.98	10.58	0.1	0.0	2.447	A

12:45 - 13:00

Arm	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Circulating flow (Veh/TS)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Throughput (exit side) (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
1 - M6 (W)			18.61				15.87				
2 - R148	27.21	27.21	0.00	423.61	0.064	27.24	18.61	0.1	0.1	2.272	A
3 - M6 (E)	1.57	1.57	27.24	309.56	0.005	1.57	0.00	0.0	0.0	2.921	A
4 - L8021	18.62	18.62	15.87	359.03	0.052	18.61	12.94	0.0	0.1	2.643	A

13:00 - 13:15

Arm	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Circulating flow (Veh/TS)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Throughput (exit side) (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
1 - M6 (W)			25.41				23.62				
2 - R148	35.42	35.42	0.00	387.39	0.091	35.39	25.41	0.1	0.1	2.556	A
3 - M6 (E)	6.59	6.59	35.39	333.80	0.020	6.57	0.00	0.0	0.0	2.749	A
4 - L8021	27.09	27.09	21.97	354.41	0.076	27.06	19.99	0.1	0.1	2.748	A

13:15 - 13:30

Arm	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Circulating flow (Veh/TS)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Throughput (exit side) (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
1 - M6 (W)			22.85				19.18				
2 - R148	53.39	53.39	0.00	462.88	0.115	53.35	22.85	0.1	0.1	2.197	A
3 - M6 (E)	6.12	6.12	53.35	420.98	0.015	6.13	0.00	0.0	0.0	2.170	A
4 - L8021	23.07	23.07	18.94	370.10	0.062	23.08	40.54	0.1	0.1	2.593	A

13:30 - 13:45

Arm	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Circulating flow (Veh/TS)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Throughput (exit side) (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
1 - M6 (W)			10.57				24.11				
2 - R148	45.11	45.11	0.00	454.62	0.099	45.14	10.57	0.1	0.1	2.199	A
3 - M6 (E)	2.57	2.57	45.14	302.79	0.009	2.58	0.00	0.0	0.0	2.997	A
4 - L8021	13.14	13.14	21.51	349.31	0.038	13.17	26.20	0.1	0.0	2.679	A

13:45 - 14:00

Arm	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Circulating flow (Veh/TS)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Throughput (exit side) (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
1 - M6 (W)			19.72				36.85				
2 - R148	47.72	47.72	0.00	445.86	0.107	47.71	19.72	0.1	0.1	2.260	A
3 - M6 (E)	2.57	2.57	47.71	300.71	0.009	2.57	0.00	0.0	0.0	3.018	A
4 - L8021	26.14	26.14	30.48	333.35	0.078	26.09	19.80	0.0	0.1	2.928	A

14:00 - 14:15

Arm	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Circulating flow (Veh/TS)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Throughput (exit side) (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
1 - M6 (W)			19.03				53.12				
2 - R148	56.26	56.26	0.00	365.67	0.154	56.20	19.03	0.1	0.2	2.908	A
3 - M6 (E)	5.45	5.45	56.20	326.70	0.017	5.45	0.00	0.0	0.0	2.801	A
4 - L8021	28.01	28.01	44.14	365.00	0.077	28.01	17.50	0.1	0.1	2.672	A

14:15 - 14:30

Arm	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Circulating flow (Veh/TS)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Throughput (exit side) (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
1 - M6 (W)			18.08				44.49				
2 - R148	44.22	44.22	0.00	440.25	0.100	44.28	18.08	0.2	0.1	2.272	A
3 - M6 (E)	6.64	6.64	44.28	367.37	0.018	6.63	0.00	0.0	0.0	2.494	A
4 - L8021	22.33	22.33	40.22	335.42	0.067	22.34	10.69	0.1	0.1	2.876	A

14:30 - 14:45

Arm	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Circulating flow (Veh/TS)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Throughput (exit side) (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
1 - M6 (W)			11.95				31.46				
2 - R148	41.61	41.61	0.00	391.60	0.106	41.60	11.95	0.1	0.1	2.570	A
3 - M6 (E)	2.85	2.85	41.60	301.20	0.009	2.86	0.00	0.0	0.0	3.018	A
4 - L8021	16.90	16.90	26.50	365.21	0.046	16.92	17.97	0.1	0.0	2.585	A

14:45 - 15:00

Arm	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Circulating flow (Veh/TS)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Throughput (exit side) (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
1 - M6 (W)			19.24				20.61				
2 - R148	35.94	35.94	0.00	426.22	0.084	35.97	19.24	0.1	0.1	2.305	A
3 - M6 (E)	6.64	6.64	35.97	371.29	0.018	6.63	0.00	0.0	0.0	2.467	A
4 - L8021	19.26	19.26	20.59	384.65	0.050	19.26	22.00	0.0	0.1	2.462	A

15:00 - 15:15

Arm	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Circulating flow (Veh/TS)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Throughput (exit side) (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
1 - M6 (W)			18.56				34.72				
2 - R148	51.21	51.21	0.00	450.31	0.114	51.18	18.56	0.1	0.1	2.254	A
3 - M6 (E)	4.65	4.65	51.18	401.20	0.012	4.66	0.00	0.0	0.0	2.271	A
4 - L8021	19.74	19.74	33.54	357.36	0.055	19.74	22.29	0.1	0.1	2.665	A

15:15 - 15:30

Arm	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Circulating flow (Veh/TS)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Throughput (exit side) (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
1 - M6 (W)			19.04				44.17				
2 - R148	58.54	58.54	0.00	405.48	0.144	58.50	19.04	0.1	0.2	2.593	A
3 - M6 (E)	4.65	4.65	58.50	393.12	0.012	4.65	0.00	0.0	0.0	2.316	A
4 - L8021	17.86	17.86	45.35	404.30	0.044	17.86	17.80	0.1	0.0	2.328	A

15:30 - 15:45

Arm	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Circulating flow (Veh/TS)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Throughput (exit side) (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
1 - M6 (W)			20.68				40.92				
2 - R148	43.89	43.89	0.00	453.23	0.097	43.94	20.68	0.2	0.1	2.200	A
3 - M6 (E)	8.44	8.44	43.94	420.58	0.020	8.43	0.00	0.0	0.0	2.183	A
4 - L8021	19.51	19.51	42.11	370.42	0.053	19.50	10.26	0.0	0.1	2.564	A

15:45 - 16:00

Arm	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Circulating flow (Veh/TS)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Throughput (exit side) (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
1 - M6 (W)			31.77				30.51				
2 - R148	47.43	47.43	0.00	404.16	0.117	47.40	31.77	0.1	0.1	2.522	A
3 - M6 (E)	6.07	6.07	47.40	371.06	0.016	6.08	0.00	0.0	0.0	2.465	A
4 - L8021	31.80	31.80	30.52	387.13	0.082	31.77	22.96	0.1	0.1	2.532	A

16:00 - 16:15

Arm	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Circulating flow (Veh/TS)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Throughput (exit side) (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
1 - M6 (W)			28.36				52.66				
2 - R148	65.31	65.31	0.00	422.42	0.155	65.27	28.36	0.1	0.2	2.519	A
3 - M6 (E)	6.74	6.74	65.27	395.06	0.017	6.74	0.00	0.0	0.0	2.317	A
4 - L8021	28.35	28.35	52.66	428.28	0.066	28.36	19.34	0.1	0.1	2.251	A

16:15 - 16:30

Arm	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Circulating flow (Veh/TS)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Throughput (exit side) (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
1 - M6 (W)			29.99				50.36				
2 - R148	57.98	57.98	0.00	421.21	0.138	58.00	29.99	0.2	0.2	2.479	A
3 - M6 (E)	10.52	10.52	58.00	409.67	0.026	10.51	0.00	0.0	0.0	2.254	A
4 - L8021	36.38	36.38	44.00	390.91	0.093	36.35	24.52	0.1	0.1	2.538	A

16:30 - 16:45

Arm	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Circulating flow (Veh/TS)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Throughput (exit side) (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
1 - M6 (W)			76.62				66.20				
2 - R148	56.56	56.56	0.00	427.94	0.132	56.57	76.62	0.2	0.2	2.424	A
3 - M6 (E)	8.16	8.16	56.57	377.89	0.022	8.16	0.00	0.0	0.0	2.435	A
4 - L8021	93.33	93.33	49.64	462.12	0.202	93.18	15.09	0.1	0.3	2.438	A

16:45 - 17:00

Arm	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Circulating flow (Veh/TS)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Throughput (exit side) (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
1 - M6 (W)			61.43				49.04				
2 - R148	51.84	51.84	0.00	474.15	0.109	51.86	61.43	0.2	0.1	2.131	A
3 - M6 (E)	5.32	5.32	51.86	449.92	0.012	5.33	0.00	0.0	0.0	2.025	A
4 - L8021	76.78	76.78	33.63	470.38	0.163	76.83	23.56	0.3	0.2	2.286	A

17:00 - 17:15

Arm	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Circulating flow (Veh/TS)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Throughput (exit side) (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
1 - M6 (W)			64.85				58.41				
2 - R148	58.74	58.74	0.00	480.42	0.122	58.73	64.85	0.1	0.1	2.133	A
3 - M6 (E)	5.35	5.35	58.73	533.42	0.010	5.35	0.00	0.0	0.0	1.703	A
4 - L8021	78.85	78.85	44.43	445.94	0.177	78.83	19.65	0.2	0.2	2.451	A

17:15 - 17:30

Arm	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Circulating flow (Veh/TS)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Throughput (exit side) (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
1 - M6 (W)			80.41				65.51				
2 - R148	70.80	70.80	0.00	477.15	0.148	70.76	80.41	0.1	0.2	2.214	A
3 - M6 (E)	9.36	9.36	70.76	427.36	0.022	9.35	0.00	0.0	0.0	2.152	A
4 - L8021	93.27	93.27	52.70	441.08	0.211	93.22	27.41	0.2	0.3	2.587	A

17:30 - 17:45

Arm	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Circulating flow (Veh/TS)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Throughput (exit side) (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
1 - M6 (W)			25.61				60.32				
2 - R148	63.95	63.95	0.00	515.12	0.124	63.98	25.61	0.2	0.1	1.994	A
3 - M6 (E)	4.16	4.16	63.98	516.97	0.008	4.18	0.00	0.0	0.0	1.757	A
4 - L8021	27.82	27.82	57.93	407.69	0.068	28.01	10.23	0.3	0.1	2.373	A

17:45 - 18:00

Arm	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Circulating flow (Veh/TS)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Throughput (exit side) (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
1 - M6 (W)			24.28				41.66				
2 - R148	48.81	48.81	0.00	500.50	0.098	48.84	24.28	0.1	0.1	1.994	A
3 - M6 (E)	2.98	2.98	48.84	501.38	0.006	2.98	0.00	0.0	0.0	1.804	A
4 - L8021	24.27	24.27	41.65	406.43	0.060	24.28	10.18	0.1	0.1	2.354	A

18:00 - 18:15

Arm	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Circulating flow (Veh/TS)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Throughput (exit side) (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
1 - M6 (W)			23.42				45.85				
2 - R148	56.49	56.49	0.00	478.26	0.118	56.46	23.42	0.1	0.1	2.133	A
3 - M6 (E)	4.83	4.83	56.46	471.57	0.010	4.83	0.00	0.0	0.0	1.928	A
4 - L8021	22.47	22.47	46.80	423.51	0.053	22.48	14.49	0.1	0.1	2.243	A

18:15 - 18:30

Arm	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Circulating flow (Veh/TS)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Throughput (exit side) (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
1 - M6 (W)			10.21				29.60				
2 - R148	32.14	32.14	0.00	512.44	0.063	32.20	10.21	0.1	0.1	1.876	A
3 - M6 (E)	7.90	7.90	32.20	364.12	0.022	7.89	0.00	0.0	0.0	2.526	A
4 - L8021	11.36	11.36	28.42	475.62	0.024	11.39	11.67	0.1	0.0	1.938	A

18:30 - 18:45

Arm	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Circulating flow (Veh/TS)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Throughput (exit side) (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
1 - M6 (W)			7.82				38.99				
2 - R148	55.78	55.78	0.00	514.07	0.109	55.73	7.82	0.1	0.1	1.963	A
3 - M6 (E)	4.83	4.83	55.73	473.73	0.010	4.84	0.00	0.0	0.0	1.918	A
4 - L8021	7.81	7.81	38.99	456.83	0.017	7.82	21.58	0.0	0.0	2.005	A

18:45 - 19:00

Arm	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Circulating flow (Veh/TS)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Throughput (exit side) (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
1 - M6 (W)			18.66				30.76				
2 - R148	33.55	33.55	0.00	492.08	0.068	33.59	18.66	0.1	0.1	1.962	A
3 - M6 (E)	4.83	4.83	33.59	487.29	0.010	4.83	0.00	0.0	0.0	1.864	A
4 - L8021	17.51	17.51	31.94	448.92	0.039	17.48	6.49	0.0	0.0	2.085	A

Junctions 9

PICADY 9 - Priority Intersection Module

Filename: Junction 4 - R148 - M6 Stagger.j9
Path: W:\2022\P22-013\Modelling
Report generation date: 29/06/2022 15:51:20

Summary of junction performance

	12hrs			
	Queue (Veh)	Delay (s)	RFC	LOS
	Op Year			
Stream B-C	0.3	7.82	0.25	A
Stream B-AD	0.2	17.68	0.18	C
Stream A-D	0.1	11.41	0.06	B
Stream D-A	0.0	0.00	0.00	A
Stream D-BC	0.0	0.00	0.00	A
Stream C-ABD	0.0	0.00	0.00	A
	Op Year +5			
Stream B-C	0.4	8.15	0.28	A
Stream B-AD	0.2	18.02	0.20	C
Stream A-D	0.1	11.51	0.07	B
Stream D-A	0.0	0.00	0.00	A
Stream D-BC	0.0	0.00	0.00	A
Stream C-ABD	0.0	0.00	0.00	A
	Op Year +15			
Stream B-C	0.4	8.57	0.31	A
Stream B-AD	0.2	18.44	0.23	C
Stream A-D	0.1	11.63	0.08	B
Stream D-A	0.0	0.00	0.00	A
Stream D-BC	0.0	0.00	0.00	A
Stream C-ABD	0.0	0.00	0.00	A
	Op Year + Dev			
Stream B-C	0.3	8.03	0.26	A
Stream B-AD	0.2	17.71	0.22	C
Stream A-D	0.1	11.79	0.08	B
Stream D-A	0.0	0.00	0.00	A
Stream D-BC	0.0	0.00	0.00	A
Stream C-ABD	0.0	0.00	0.00	A
	Op Year +5 + Dev			
Stream B-C	0.4	8.46	0.29	A
Stream B-AD	0.3	18.06	0.24	C
Stream A-D	0.1	11.87	0.09	B
Stream D-A	0.0	0.00	0.00	A
Stream D-BC	0.0	0.00	0.00	A
Stream C-ABD	0.0	0.00	0.00	A
	Op Year +15 + Dev			
Stream B-C	0.4	8.98	0.32	A
Stream B-AD	0.3	18.48	0.26	C
Stream A-D	0.1	11.96	0.10	B
Stream D-A	0.0	0.00	0.00	A
Stream D-BC	0.0	0.00	0.00	A
Stream C-ABD	0.0	0.00	0.00	A
	Op Year + Dev+ Adj			
Stream B-C	0.3	8.04	0.26	A
Stream B-AD	0.2	17.71	0.22	C
Stream A-D	0.1	11.80	0.09	B
Stream D-A	0.0	0.00	0.00	A
Stream D-BC	0.0	0.00	0.00	A
Stream C-ABD	0.0	0.00	0.00	A

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

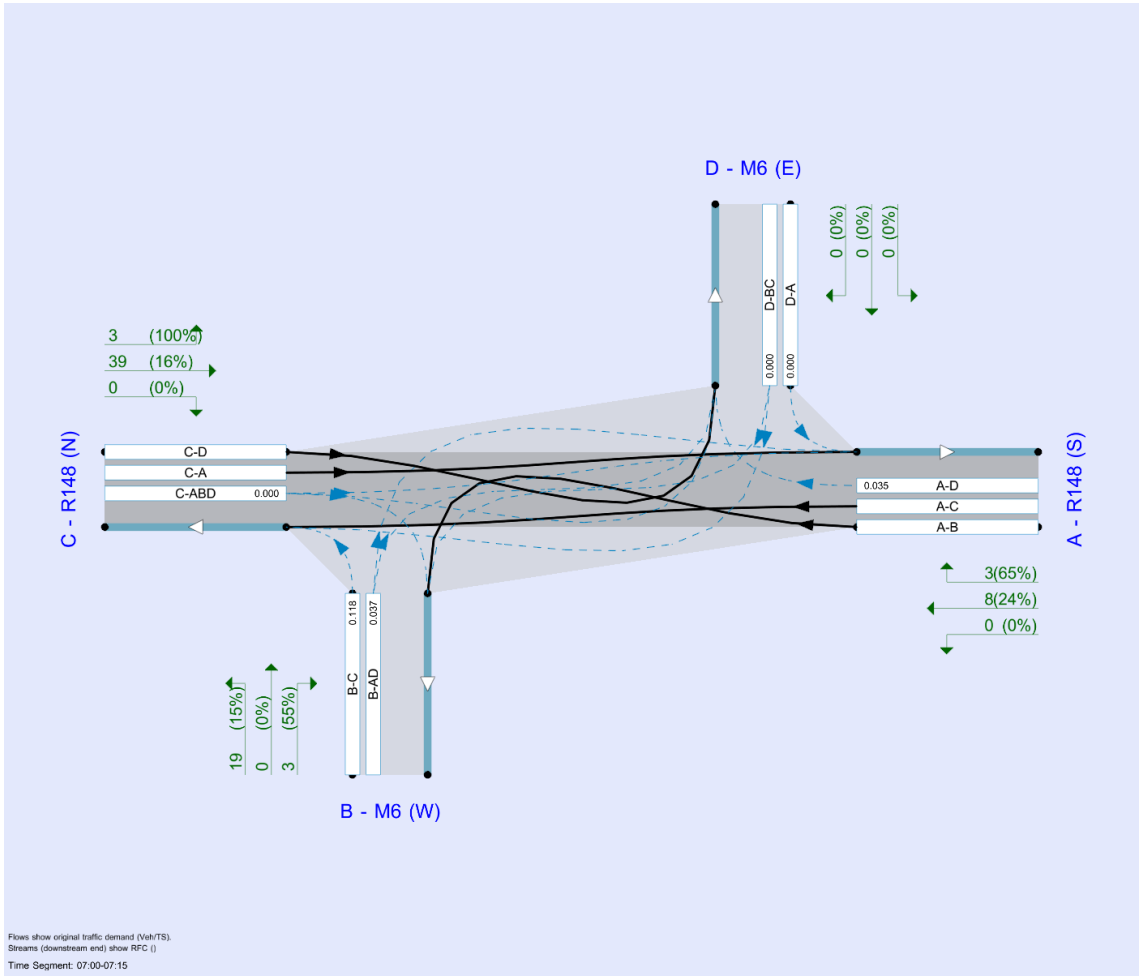
File summary

File Description

Title	
Location	
Site number	
Date	03/02/2022
Version	
Status	(new file)
Identifier	
Client	
Jobnumber	
Enumerator	PMCE\farnanr
Description	

Units

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



The junction diagram reflects the last run of Junctions.

Analysis Options

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

Analysis Set Details

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

Demand Set Details

ID	Scenario name	Time Period name	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time period length (min)	Time segment length (min)	Run automatically	Relationship type	Relationship
D10	Op Year +15 + Dev	12hrs	DIRECT	07:00	19:00	720	15	✓	Simple	D5 + D6

Op Year +15 + Dev, 12hrs

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Major road direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	R148 - M6 Stagger	Right-Left Stagger	Two-way		3.89	A

Junction Network Options

Driving side	Lighting
Left	Normal/unknown

Arms

Arms

Arm	Name	Description	Arm type
A	R148 (S)		Major
B	M6 (W)		Minor
C	R148 (N)		Major
D	M6 (E)		Minor

Major Arm Geometry

Arm	Width of carriageway (m)	Has kerbed central reserve	Has right turn bay	Width for right turn (m)	Visibility for right turn (m)	Blocks?	Blocking queue (PCU)
A - R148 (S)	10.00		✓	3.00	100.0		-
C - R148 (N)	9.00				100.0	✓	0.00

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

Minor Arm Geometry

Arm	Minor arm type	Width at give-way (m)	Width at 5m (m)	Width at 10m (m)	Width at 15m (m)	Width at 20m (m)	Estimate flare length	Flare length (PCU)	Visibility to left (m)	Visibility to right (m)
B - M6 (W)	One lane plus flare	8.50	8.20	7.50	5.90	5.00		1.00	30	40
D - M6 (E)	One lane plus flare	10.00	8.50	5.00	3.00	2.70		1.00	85	150

Slope / Intercept / Capacity

Priority Intersection Slopes and Intercepts

Junction	Stream	Intercept (Veh/TS)	Slope for A-B	Slope for A-C	Slope for A-D	Slope for B-A	Slope for B-D	Slope for C-A	Slope for C-B	Slope for C-D	Slope for D-B	Slope for D-C
1	A-D	171.722	-	-	-	0.220	0.220	0.220	-	0.220	-	-
1	B-AD	116.259	0.074	0.186	-	-	-	0.117	0.266	0.117	0.074	0.186
1	B-C	192.275	0.103	0.259	-	-	-	-	-	-	0.103	0.259
1	C-B	157.969	0.213	0.213	-	-	-	-	-	-	0.213	0.213
1	D-A	196.073	-	-	-	0.251	0.099	0.251	-	0.099	-	-
1	D-BC	158.582	0.152	0.152	0.345	0.241	0.095	0.241	-	0.095	-	-

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

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 - R148 (S)		DIRECT	✓	100.000
B - M6 (W)		DIRECT	✓	100.000
C - R148 (N)		DIRECT	✓	100.000
D - M6 (E)		DIRECT	✓	100.000

Origin-Destination Data

07:00 - 07:15

Demand (Veh/TS)

		To			
		A - R148 (S)	B - M6 (W)	C - R148 (N)	D - M6 (E)
From	A - R148 (S)	0.00	0.00	7.74	3.41
	B - M6 (W)	2.60	0.00	19.39	0.00
	C - R148 (N)	39.43	0.00	0.00	2.84
	D - M6 (E)	0.00	0.00	0.00	0.00

07:15 - 07:30

Demand (Veh/TS)

		To			
		A - R148 (S)	B - M6 (W)	C - R148 (N)	D - M6 (E)
From	A - R148 (S)	0.00	0.00	9.39	2.23
	B - M6 (W)	3.78	0.00	30.74	1.18
	C - R148 (N)	55.50	0.00	0.00	2.36
	D - M6 (E)	0.00	0.00	0.00	0.00

07:30 - 07:45

Demand (Veh/TS)

		To			
		A - R148 (S)	B - M6 (W)	C - R148 (N)	D - M6 (E)
From	A - R148 (S)	0.00	0.00	13.65	3.41
	B - M6 (W)	21.06	0.00	36.41	0.00
	C - R148 (N)	108.17	0.00	0.00	2.36
	D - M6 (E)	0.00	0.00	0.00	0.00

07:45 - 08:00

Demand (Veh/TS)

		To			
		A - R148 (S)	B - M6 (W)	C - R148 (N)	D - M6 (E)
From	A - R148 (S)	0.00	0.00	20.75	3.41
	B - M6 (W)	25.55	0.00	32.39	0.00
	C - R148 (N)	124.48	0.00	0.00	1.18
	D - M6 (E)	0.00	0.00	0.00	0.00

08:00 - 08:15

Demand (Veh/TS)

		To			
		A - R148 (S)	B - M6 (W)	C - R148 (N)	D - M6 (E)
From	A - R148 (S)	0.00	0.00	18.17	6.14
	B - M6 (W)	5.21	0.00	31.92	0.00
	C - R148 (N)	103.69	0.00	0.00	5.91
	D - M6 (E)	0.00	0.00	0.00	0.00

08:15 - 08:30

Demand (Veh/TS)

		To			
		A - R148 (S)	B - M6 (W)	C - R148 (N)	D - M6 (E)
From	A - R148 (S)	0.00	0.00	15.80	4.95
	B - M6 (W)	7.81	0.00	36.17	0.00
	C - R148 (N)	93.76	0.00	0.00	2.36
	D - M6 (E)	0.00	0.00	0.00	0.00

Demand (Veh/TS)

08:30 - 08:45

		To			
		A - R148 (S)	B - M6 (W)	C - R148 (N)	D - M6 (E)
From	A - R148 (S)	0.00	0.00	23.37	3.54
	B - M6 (W)	7.56	0.00	31.21	0.00
	C - R148 (N)	45.83	0.00	0.00	2.60
	D - M6 (E)	0.00	0.00	0.00	0.00

Demand (Veh/TS)

08:45 - 09:00

		To			
		A - R148 (S)	B - M6 (W)	C - R148 (N)	D - M6 (E)
From	A - R148 (S)	0.00	0.00	12.73	4.72
	B - M6 (W)	0.00	0.00	43.74	0.00
	C - R148 (N)	47.01	0.00	0.00	1.18
	D - M6 (E)	0.00	0.00	0.00	0.00

Demand (Veh/TS)

09:00 - 09:15

		To			
		A - R148 (S)	B - M6 (W)	C - R148 (N)	D - M6 (E)
From	A - R148 (S)	0.00	0.00	16.10	3.84
	B - M6 (W)	1.18	0.00	14.89	0.00
	C - R148 (N)	27.49	0.00	0.00	2.36
	D - M6 (E)	0.00	0.00	0.00	0.00

Demand (Veh/TS)

09:15 - 09:30

		To			
		A - R148 (S)	B - M6 (W)	C - R148 (N)	D - M6 (E)
From	A - R148 (S)	0.00	0.00	20.35	3.84
	B - M6 (W)	2.60	0.00	33.81	0.00
	C - R148 (N)	31.98	0.00	0.00	0.00
	D - M6 (E)	0.00	0.00	0.00	0.00

Demand (Veh/TS)

09:30 - 09:45

		To			
		A - R148 (S)	B - M6 (W)	C - R148 (N)	D - M6 (E)
From	A - R148 (S)	0.00	0.00	22.71	3.84
	B - M6 (W)	2.84	0.00	21.04	0.00
	C - R148 (N)	35.53	0.00	0.00	2.60
	D - M6 (E)	0.00	0.00	0.00	0.00

Demand (Veh/TS)

09:45 - 10:00

		To			
		A - R148 (S)	B - M6 (W)	C - R148 (N)	D - M6 (E)
From	A - R148 (S)	0.00	0.00	15.15	5.02
	B - M6 (W)	2.36	0.00	19.62	0.00
	C - R148 (N)	33.16	0.00	0.00	1.18
	D - M6 (E)	0.00	0.00	0.00	0.00

10:00 - 10:15

Demand (Veh/TS)

		To			
		A - R148 (S)	B - M6 (W)	C - R148 (N)	D - M6 (E)
From	A - R148 (S)	0.00	0.00	20.74	4.78
	B - M6 (W)	1.42	0.00	14.19	0.00
	C - R148 (N)	34.62	0.00	0.00	1.42
	D - M6 (E)	0.00	0.00	0.00	0.00

Demand (Veh/TS)

10:15 - 10:30

		To			
		A - R148 (S)	B - M6 (W)	C - R148 (N)	D - M6 (E)
From	A - R148 (S)	0.00	0.00	9.86	2.18
	B - M6 (W)	2.36	0.00	25.77	0.00
	C - R148 (N)	46.44	0.00	0.00	1.18
	D - M6 (E)	0.00	0.00	0.00	0.00

Demand (Veh/TS)

10:30 - 10:45

		To			
		A - R148 (S)	B - M6 (W)	C - R148 (N)	D - M6 (E)
From	A - R148 (S)	0.00	0.00	20.50	4.78
	B - M6 (W)	2.60	0.00	17.02	0.00
	C - R148 (N)	48.09	0.00	0.00	0.00
	D - M6 (E)	0.00	0.00	0.00	0.00

Demand (Veh/TS)

10:45 - 11:00

		To			
		A - R148 (S)	B - M6 (W)	C - R148 (N)	D - M6 (E)
From	A - R148 (S)	0.00	0.00	7.50	5.01
	B - M6 (W)	4.02	0.00	30.97	0.00
	C - R148 (N)	34.38	0.00	0.00	1.18
	D - M6 (E)	0.00	0.00	0.00	0.00

Demand (Veh/TS)

11:00 - 11:15

		To			
		A - R148 (S)	B - M6 (W)	C - R148 (N)	D - M6 (E)
From	A - R148 (S)	0.00	0.00	10.76	5.73
	B - M6 (W)	4.96	0.00	14.89	0.00
	C - R148 (N)	43.85	0.00	0.00	0.00
	D - M6 (E)	0.00	0.00	0.00	0.00

Demand (Veh/TS)

11:15 - 11:30

		To			
		A - R148 (S)	B - M6 (W)	C - R148 (N)	D - M6 (E)
From	A - R148 (S)	0.00	0.00	11.47	3.13
	B - M6 (W)	7.80	0.00	17.73	0.00
	C - R148 (N)	50.70	0.00	0.00	2.36
	D - M6 (E)	0.00	0.00	0.00	0.00

Demand (Veh/TS)

11:30 - 11:45

		To			
		A - R148 (S)	B - M6 (W)	C - R148 (N)	D - M6 (E)
From	A - R148 (S)	0.00	0.00	13.36	1.95
	B - M6 (W)	2.60	0.00	25.53	0.00
	C - R148 (N)	27.54	0.00	0.00	0.00
	D - M6 (E)	0.00	0.00	0.00	0.00

11:45 - 12:00

Demand (Veh/TS)

		To			
		A - R148 (S)	B - M6 (W)	C - R148 (N)	D - M6 (E)
From	A - R148 (S)	0.00	0.00	11.47	5.97
	B - M6 (W)	2.60	0.00	23.64	0.00
	C - R148 (N)	28.72	0.00	0.00	0.00
	D - M6 (E)	0.00	0.00	0.00	0.00

Demand (Veh/TS)

12:00 - 12:15

		To			
		A - R148 (S)	B - M6 (W)	C - R148 (N)	D - M6 (E)
From	A - R148 (S)	0.00	0.00	11.71	3.13
	B - M6 (W)	4.02	0.00	23.64	0.00
	C - R148 (N)	29.34	0.00	0.00	2.36
	D - M6 (E)	0.00	0.00	0.00	0.00

Demand (Veh/TS)

12:15 - 12:30

		To			
		A - R148 (S)	B - M6 (W)	C - R148 (N)	D - M6 (E)
From	A - R148 (S)	0.00	0.00	9.11	4.55
	B - M6 (W)	2.36	0.00	17.73	0.00
	C - R148 (N)	31.23	0.00	0.00	1.18
	D - M6 (E)	0.00	0.00	0.00	0.00

Demand (Veh/TS)

12:30 - 12:45

		To			
		A - R148 (S)	B - M6 (W)	C - R148 (N)	D - M6 (E)
From	A - R148 (S)	0.00	0.00	13.84	3.13
	B - M6 (W)	2.60	0.00	27.89	0.00
	C - R148 (N)	30.05	0.00	0.00	0.00
	D - M6 (E)	0.00	0.00	0.00	0.00

Demand (Veh/TS)

12:45 - 13:00

		To			
		A - R148 (S)	B - M6 (W)	C - R148 (N)	D - M6 (E)
From	A - R148 (S)	0.00	0.00	12.65	5.97
	B - M6 (W)	0.00	0.00	21.04	0.00
	C - R148 (N)	27.21	0.00	0.00	0.00
	D - M6 (E)	0.00	0.00	0.00	0.00

Demand (Veh/TS)

13:00 - 13:15

		To			
		A - R148 (S)	B - M6 (W)	C - R148 (N)	D - M6 (E)
From	A - R148 (S)	0.00	0.00	21.31	4.13
	B - M6 (W)	2.36	0.00	14.66	0.00
	C - R148 (N)	33.05	0.00	0.00	0.00
	D - M6 (E)	0.00	0.00	0.00	0.00

Demand (Veh/TS)

13:15 - 13:30

		To			
		A - R148 (S)	B - M6 (W)	C - R148 (N)	D - M6 (E)
From	A - R148 (S)	0.00	0.00	18.94	3.89
	B - M6 (W)	6.85	0.00	22.22	1.18
	C - R148 (N)	46.54	0.00	0.00	1.18
	D - M6 (E)	0.00	0.00	0.00	0.00

13:30 - 13:45

Demand (Veh/TS)

		To			
		A - R148 (S)	B - M6 (W)	C - R148 (N)	D - M6 (E)
From	A - R148 (S)	0.00	0.00	6.65	3.89
	B - M6 (W)	1.18	0.00	35.94	0.00
	C - R148 (N)	43.93	0.00	0.00	3.55
	D - M6 (E)	0.00	0.00	0.00	0.00

Demand (Veh/TS)

13:45 - 14:00

		To			
		A - R148 (S)	B - M6 (W)	C - R148 (N)	D - M6 (E)
From	A - R148 (S)	0.00	0.00	10.43	9.33
	B - M6 (W)	7.33	0.00	25.06	0.00
	C - R148 (N)	40.39	0.00	0.00	1.18
	D - M6 (E)	0.00	0.00	0.00	0.00

Demand (Veh/TS)

14:00 - 14:15

		To			
		A - R148 (S)	B - M6 (W)	C - R148 (N)	D - M6 (E)
From	A - R148 (S)	0.00	0.00	16.14	2.89
	B - M6 (W)	1.42	0.00	30.97	1.18
	C - R148 (N)	54.85	0.00	0.00	0.00
	D - M6 (E)	0.00	0.00	0.00	0.00

Demand (Veh/TS)

14:15 - 14:30

		To			
		A - R148 (S)	B - M6 (W)	C - R148 (N)	D - M6 (E)
From	A - R148 (S)	0.00	0.00	12.83	5.25
	B - M6 (W)	2.60	0.00	14.89	0.00
	C - R148 (N)	41.62	0.00	0.00	0.00
	D - M6 (E)	0.00	0.00	0.00	0.00

Demand (Veh/TS)

14:30 - 14:45

		To			
		A - R148 (S)	B - M6 (W)	C - R148 (N)	D - M6 (E)
From	A - R148 (S)	0.00	0.00	7.86	4.07
	B - M6 (W)	3.55	0.00	35.46	0.00
	C - R148 (N)	38.06	0.00	0.00	0.00
	D - M6 (E)	0.00	0.00	0.00	0.00

Demand (Veh/TS)

14:45 - 15:00

		To			
		A - R148 (S)	B - M6 (W)	C - R148 (N)	D - M6 (E)
From	A - R148 (S)	0.00	0.00	16.37	2.89
	B - M6 (W)	1.42	0.00	32.63	0.00
	C - R148 (N)	34.52	0.00	0.00	0.00
	D - M6 (E)	0.00	0.00	0.00	0.00

Demand (Veh/TS)

15:00 - 15:15

		To			
		A - R148 (S)	B - M6 (W)	C - R148 (N)	D - M6 (E)
From	A - R148 (S)	0.00	0.00	15.24	3.32
	B - M6 (W)	3.78	0.00	26.01	0.00
	C - R148 (N)	47.43	0.00	0.00	0.00
	D - M6 (E)	0.00	0.00	0.00	0.00

15:15 - 15:30

Demand (Veh/TS)

		To			
		A - R148 (S)	B - M6 (W)	C - R148 (N)	D - M6 (E)
From	A - R148 (S)	0.00	0.00	15.96	3.08
	B - M6 (W)	6.62	0.00	32.39	0.00
	C - R148 (N)	51.92	0.00	0.00	1.18
	D - M6 (E)	0.00	0.00	0.00	0.00

Demand (Veh/TS)

15:30 - 15:45

		To			
		A - R148 (S)	B - M6 (W)	C - R148 (N)	D - M6 (E)
From	A - R148 (S)	0.00	0.00	12.41	8.28
	B - M6 (W)	1.42	0.00	42.08	0.00
	C - R148 (N)	42.47	0.00	0.00	0.00
	D - M6 (E)	0.00	0.00	0.00	0.00

Demand (Veh/TS)

15:45 - 16:00

		To			
		A - R148 (S)	B - M6 (W)	C - R148 (N)	D - M6 (E)
From	A - R148 (S)	0.00	0.00	22.10	9.70
	B - M6 (W)	1.42	0.00	43.03	0.00
	C - R148 (N)	46.01	0.00	0.00	2.60
	D - M6 (E)	0.00	0.00	0.00	0.00

Demand (Veh/TS)

16:00 - 16:15

		To			
		A - R148 (S)	B - M6 (W)	C - R148 (N)	D - M6 (E)
From	A - R148 (S)	0.00	0.00	24.21	4.14
	B - M6 (W)	3.55	0.00	40.90	1.18
	C - R148 (N)	61.76	0.00	0.00	1.18
	D - M6 (E)	0.00	0.00	0.00	0.00

Demand (Veh/TS)

16:15 - 16:30

		To			
		A - R148 (S)	B - M6 (W)	C - R148 (N)	D - M6 (E)
From	A - R148 (S)	0.00	0.00	25.63	4.37
	B - M6 (W)	1.42	0.00	39.25	0.00
	C - R148 (N)	56.56	0.00	0.00	1.18
	D - M6 (E)	0.00	0.00	0.00	0.00

Demand (Veh/TS)

16:30 - 16:45

		To			
		A - R148 (S)	B - M6 (W)	C - R148 (N)	D - M6 (E)
From	A - R148 (S)	0.00	0.00	69.99	6.75
	B - M6 (W)	1.18	0.00	41.85	1.18
	C - R148 (N)	55.38	0.00	0.00	2.36
	D - M6 (E)	0.00	0.00	0.00	0.00

Demand (Veh/TS)

16:45 - 17:00

		To			
		A - R148 (S)	B - M6 (W)	C - R148 (N)	D - M6 (E)
From	A - R148 (S)	0.00	0.00	54.38	6.99
	B - M6 (W)	0.00	0.00	37.36	0.00
	C - R148 (N)	51.84	0.00	0.00	1.18
	D - M6 (E)	0.00	0.00	0.00	0.00

17:00 - 17:15

Demand (Veh/TS)

		To			
		A - R148 (S)	B - M6 (W)	C - R148 (N)	D - M6 (E)
From	A - R148 (S)	0.00	0.00	57.52	7.34
	B - M6 (W)	2.36	0.00	49.65	0.00
	C - R148 (N)	56.38	0.00	0.00	1.18
	D - M6 (E)	0.00	0.00	0.00	0.00

Demand (Veh/TS)

17:15 - 17:30

		To			
		A - R148 (S)	B - M6 (W)	C - R148 (N)	D - M6 (E)
From	A - R148 (S)	0.00	0.00	71.00	9.47
	B - M6 (W)	4.96	0.00	40.90	0.00
	C - R148 (N)	65.83	0.00	0.00	1.18
	D - M6 (E)	0.00	0.00	0.00	0.00

Demand (Veh/TS)

17:30 - 17:45

		To			
		A - R148 (S)	B - M6 (W)	C - R148 (N)	D - M6 (E)
From	A - R148 (S)	0.00	0.00	20.96	4.49
	B - M6 (W)	5.91	0.00	43.03	0.00
	C - R148 (N)	58.03	0.00	0.00	0.00
	D - M6 (E)	0.00	0.00	0.00	0.00

Demand (Veh/TS)

17:45 - 18:00

		To			
		A - R148 (S)	B - M6 (W)	C - R148 (N)	D - M6 (E)
From	A - R148 (S)	0.00	0.00	20.96	3.31
	B - M6 (W)	1.18	0.00	32.16	0.00
	C - R148 (N)	47.63	0.00	0.00	0.00
	D - M6 (E)	0.00	0.00	0.00	0.00

Demand (Veh/TS)

18:00 - 18:15

		To			
		A - R148 (S)	B - M6 (W)	C - R148 (N)	D - M6 (E)
From	A - R148 (S)	0.00	0.00	22.81	0.61
	B - M6 (W)	0.00	0.00	37.12	0.00
	C - R148 (N)	56.49	0.00	0.00	0.00
	D - M6 (E)	0.00	0.00	0.00	0.00

Demand (Veh/TS)

18:15 - 18:30

		To			
		A - R148 (S)	B - M6 (W)	C - R148 (N)	D - M6 (E)
From	A - R148 (S)	0.00	0.00	8.39	1.79
	B - M6 (W)	1.18	0.00	34.05	0.00
	C - R148 (N)	30.95	0.00	0.00	0.00
	D - M6 (E)	0.00	0.00	0.00	0.00

Demand (Veh/TS)

18:30 - 18:45

		To			
		A - R148 (S)	B - M6 (W)	C - R148 (N)	D - M6 (E)
From	A - R148 (S)	0.00	0.00	7.21	0.61
	B - M6 (W)	0.00	0.00	30.03	0.00
	C - R148 (N)	55.78	0.00	0.00	2.36
	D - M6 (E)	0.00	0.00	0.00	0.00

18:45 - 19:00 **Demand (Veh/TS)**

		To			
		A - R148 (S)	B - M6 (W)	C - R148 (N)	D - M6 (E)
From	A - R148 (S)	0.00	0.00	15.48	3.21
	B - M6 (W)	1.18	0.00	29.79	0.00
	C - R148 (N)	32.37	0.00	0.00	1.18
	D - M6 (E)	0.00	0.00	0.00	0.00

Vehicle Mix

07:00 - 07:15

Heavy Vehicle Percentages

		To			
		A - R148 (S)	B - M6 (W)	C - R148 (N)	D - M6 (E)
From	A - R148 (S)	0	0	24	65
	B - M6 (W)	55	0	15	0
	C - R148 (N)	16	0	0	100
	D - M6 (E)	0	0	0	0

07:15 - 07:30

Heavy Vehicle Percentages

		To			
		A - R148 (S)	B - M6 (W)	C - R148 (N)	D - M6 (E)
From	A - R148 (S)	0	0	50	100
	B - M6 (W)	37	0	0	0
	C - R148 (N)	32	0	0	0
	D - M6 (E)	0	0	0	0

07:30 - 07:45

Heavy Vehicle Percentages

		To			
		A - R148 (S)	B - M6 (W)	C - R148 (N)	D - M6 (E)
From	A - R148 (S)	0	0	13	65
	B - M6 (W)	13	0	16	0
	C - R148 (N)	6	0	0	0
	D - M6 (E)	0	0	0	0

07:45 - 08:00

Heavy Vehicle Percentages

		To			
		A - R148 (S)	B - M6 (W)	C - R148 (N)	D - M6 (E)
From	A - R148 (S)	0	0	9	65
	B - M6 (W)	6	0	9	0
	C - R148 (N)	10	0	0	0
	D - M6 (E)	0	0	0	0

08:00 - 08:15

Heavy Vehicle Percentages

		To			
		A - R148 (S)	B - M6 (W)	C - R148 (N)	D - M6 (E)
From	A - R148 (S)	0	0	2	61
	B - M6 (W)	0	0	0	0
	C - R148 (N)	9	0	0	0
	D - M6 (E)	0	0	0	0

08:15 - 08:30

Heavy Vehicle Percentages

		To			
		A - R148 (S)	B - M6 (W)	C - R148 (N)	D - M6 (E)
From	A - R148 (S)	0	0	3	76
	B - M6 (W)	18	0	31	0
	C - R148 (N)	7	0	0	0
	D - M6 (E)	0	0	0	0

08:30 - 08:45

Heavy Vehicle Percentages

		To			
		A - R148 (S)	B - M6 (W)	C - R148 (N)	D - M6 (E)
From	A - R148 (S)	0	0	14	67
	B - M6 (W)	37	0	9	0
	C - R148 (N)	38	0	0	55
	D - M6 (E)	0	0	0	0

Heavy Vehicle Percentages

08:45 - 09:00

		To			
		A - R148 (S)	B - M6 (W)	C - R148 (N)	D - M6 (E)
From	A - R148 (S)	0	0	26	50
	B - M6 (W)	0	0	16	0
	C - R148 (N)	22	0	0	0
	D - M6 (E)	0	0	0	0

Heavy Vehicle Percentages

09:00 - 09:15

		To			
		A - R148 (S)	B - M6 (W)	C - R148 (N)	D - M6 (E)
From	A - R148 (S)	0	0	12	69
	B - M6 (W)	0	0	29	0
	C - R148 (N)	23	0	0	0
	D - M6 (E)	0	0	0	0

Heavy Vehicle Percentages

09:15 - 09:30

		To			
		A - R148 (S)	B - M6 (W)	C - R148 (N)	D - M6 (E)
From	A - R148 (S)	0	0	30	69
	B - M6 (W)	55	0	34	0
	C - R148 (N)	15	0	0	0
	D - M6 (E)	0	0	0	0

Heavy Vehicle Percentages

09:30 - 09:45

		To			
		A - R148 (S)	B - M6 (W)	C - R148 (N)	D - M6 (E)
From	A - R148 (S)	0	0	27	69
	B - M6 (W)	100	0	27	0
	C - R148 (N)	13	0	0	55
	D - M6 (E)	0	0	0	0

Heavy Vehicle Percentages

09:45 - 10:00

		To			
		A - R148 (S)	B - M6 (W)	C - R148 (N)	D - M6 (E)
From	A - R148 (S)	0	0	22	53
	B - M6 (W)	0	0	22	0
	C - R148 (N)	14	0	0	0
	D - M6 (E)	0	0	0	0

Heavy Vehicle Percentages

10:00 - 10:15

		To			
		A - R148 (S)	B - M6 (W)	C - R148 (N)	D - M6 (E)
From	A - R148 (S)	0	0	9	75
	B - M6 (W)	100	0	0	0
	C - R148 (N)	21	0	0	100
	D - M6 (E)	0	0	0	0

10:15 - 10:30

Heavy Vehicle Percentages

		To			
		A - R148 (S)	B - M6 (W)	C - R148 (N)	D - M6 (E)
From	A - R148 (S)	0	0	4	100
	B - M6 (W)	0	0	22	0
	C - R148 (N)	16	0	0	0
	D - M6 (E)	0	0	0	0

Heavy Vehicle Percentages

10:30 - 10:45

		To			
		A - R148 (S)	B - M6 (W)	C - R148 (N)	D - M6 (E)
From	A - R148 (S)	0	0	37	75
	B - M6 (W)	55	0	17	0
	C - R148 (N)	36	0	0	0
	D - M6 (E)	0	0	0	0

Heavy Vehicle Percentages

10:45 - 11:00

		To			
		A - R148 (S)	B - M6 (W)	C - R148 (N)	D - M6 (E)
From	A - R148 (S)	0	0	5	100
	B - M6 (W)	71	0	27	0
	C - R148 (N)	17	0	0	0
	D - M6 (E)	0	0	0	0

Heavy Vehicle Percentages

11:00 - 11:15

		To			
		A - R148 (S)	B - M6 (W)	C - R148 (N)	D - M6 (E)
From	A - R148 (S)	0	0	56	59
	B - M6 (W)	29	0	29	0
	C - R148 (N)	30	0	0	0
	D - M6 (E)	0	0	0	0

Heavy Vehicle Percentages

11:15 - 11:30

		To			
		A - R148 (S)	B - M6 (W)	C - R148 (N)	D - M6 (E)
From	A - R148 (S)	0	0	28	62
	B - M6 (W)	55	0	40	0
	C - R148 (N)	37	0	0	0
	D - M6 (E)	0	0	0	0

Heavy Vehicle Percentages

11:30 - 11:45

		To			
		A - R148 (S)	B - M6 (W)	C - R148 (N)	D - M6 (E)
From	A - R148 (S)	0	0	56	100
	B - M6 (W)	55	0	44	0
	C - R148 (N)	27	0	0	0
	D - M6 (E)	0	0	0	0

Heavy Vehicle Percentages

11:45 - 12:00

		To			
		A - R148 (S)	B - M6 (W)	C - R148 (N)	D - M6 (E)
From	A - R148 (S)	0	0	28	80
	B - M6 (W)	55	0	30	0
	C - R148 (N)	26	0	0	0
	D - M6 (E)	0	0	0	0

12:00 - 12:15

Heavy Vehicle Percentages

		To			
		A - R148 (S)	B - M6 (W)	C - R148 (N)	D - M6 (E)
From	A - R148 (S)	0	0	39	62
	B - M6 (W)	71	0	30	0
	C - R148 (N)	15	0	0	0
	D - M6 (E)	0	0	0	0

Heavy Vehicle Percentages

12:15 - 12:30

		To			
		A - R148 (S)	B - M6 (W)	C - R148 (N)	D - M6 (E)
From	A - R148 (S)	0	0	35	74
	B - M6 (W)	0	0	40	0
	C - R148 (N)	28	0	0	0
	D - M6 (E)	0	0	0	0

Heavy Vehicle Percentages

12:30 - 12:45

		To			
		A - R148 (S)	B - M6 (W)	C - R148 (N)	D - M6 (E)
From	A - R148 (S)	0	0	23	62
	B - M6 (W)	55	0	41	0
	C - R148 (N)	29	0	0	0
	D - M6 (E)	0	0	0	0

Heavy Vehicle Percentages

12:45 - 13:00

		To			
		A - R148 (S)	B - M6 (W)	C - R148 (N)	D - M6 (E)
From	A - R148 (S)	0	0	25	80
	B - M6 (W)	0	0	27	0
	C - R148 (N)	22	0	0	0
	D - M6 (E)	0	0	0	0

Heavy Vehicle Percentages

13:00 - 13:15

		To			
		A - R148 (S)	B - M6 (W)	C - R148 (N)	D - M6 (E)
From	A - R148 (S)	0	0	22	100
	B - M6 (W)	0	0	19	0
	C - R148 (N)	36	0	0	0
	D - M6 (E)	0	0	0	0

Heavy Vehicle Percentages

13:15 - 13:30

		To			
		A - R148 (S)	B - M6 (W)	C - R148 (N)	D - M6 (E)
From	A - R148 (S)	0	0	25	70
	B - M6 (W)	83	0	26	0
	C - R148 (N)	1	0	0	0
	D - M6 (E)	0	0	0	0

Heavy Vehicle Percentages

13:30 - 13:45

		To			
		A - R148 (S)	B - M6 (W)	C - R148 (N)	D - M6 (E)
From	A - R148 (S)	0	0	29	70
	B - M6 (W)	0	0	8	0
	C - R148 (N)	14	0	0	0
	D - M6 (E)	0	0	0	0

13:45 - 14:00

Heavy Vehicle Percentages

		To			
		A - R148 (S)	B - M6 (W)	C - R148 (N)	D - M6 (E)
From	A - R148 (S)	0	0	32	75
	B - M6 (W)	19	0	6	0
	C - R148 (N)	15	0	0	0
	D - M6 (E)	0	0	0	0

Heavy Vehicle Percentages

14:00 - 14:15

		To			
		A - R148 (S)	B - M6 (W)	C - R148 (N)	D - M6 (E)
From	A - R148 (S)	0	0	12	100
	B - M6 (W)	100	0	5	0
	C - R148 (N)	40	0	0	0
	D - M6 (E)	0	0	0	0

Heavy Vehicle Percentages

14:15 - 14:30

		To			
		A - R148 (S)	B - M6 (W)	C - R148 (N)	D - M6 (E)
From	A - R148 (S)	0	0	26	55
	B - M6 (W)	55	0	29	0
	C - R148 (N)	15	0	0	0
	D - M6 (E)	0	0	0	0

Heavy Vehicle Percentages

14:30 - 14:45

		To			
		A - R148 (S)	B - M6 (W)	C - R148 (N)	D - M6 (E)
From	A - R148 (S)	0	0	25	71
	B - M6 (W)	0	0	20	0
	C - R148 (N)	35	0	0	0
	D - M6 (E)	0	0	0	0

Heavy Vehicle Percentages

14:45 - 15:00

		To			
		A - R148 (S)	B - M6 (W)	C - R148 (N)	D - M6 (E)
From	A - R148 (S)	0	0	21	100
	B - M6 (W)	100	0	13	0
	C - R148 (N)	18	0	0	0
	D - M6 (E)	0	0	0	0

Heavy Vehicle Percentages

15:00 - 15:15

		To			
		A - R148 (S)	B - M6 (W)	C - R148 (N)	D - M6 (E)
From	A - R148 (S)	0	0	30	100
	B - M6 (W)	37	0	27	0
	C - R148 (N)	13	0	0	0
	D - M6 (E)	0	0	0	0

Heavy Vehicle Percentages

15:15 - 15:30

		To			
		A - R148 (S)	B - M6 (W)	C - R148 (N)	D - M6 (E)
From	A - R148 (S)	0	0	11	62
	B - M6 (W)	64	0	9	0
	C - R148 (N)	23	0	0	0
	D - M6 (E)	0	0	0	0

15:30 - 15:45

Heavy Vehicle Percentages

		To			
		A - R148 (S)	B - M6 (W)	C - R148 (N)	D - M6 (E)
From	A - R148 (S)	0	0	14	57
	B - M6 (W)	100	0	27	0
	C - R148 (N)	11	0	0	0
	D - M6 (E)	0	0	0	0

Heavy Vehicle Percentages

15:45 - 16:00

		To			
		A - R148 (S)	B - M6 (W)	C - R148 (N)	D - M6 (E)
From	A - R148 (S)	0	0	14	63
	B - M6 (W)	100	0	23	0
	C - R148 (N)	25	0	0	55
	D - M6 (E)	0	0	0	0

Heavy Vehicle Percentages

16:00 - 16:15

		To			
		A - R148 (S)	B - M6 (W)	C - R148 (N)	D - M6 (E)
From	A - R148 (S)	0	0	7	43
	B - M6 (W)	0	0	10	0
	C - R148 (N)	23	0	0	0
	D - M6 (E)	0	0	0	0

Heavy Vehicle Percentages

16:15 - 16:30

		To			
		A - R148 (S)	B - M6 (W)	C - R148 (N)	D - M6 (E)
From	A - R148 (S)	0	0	12	73
	B - M6 (W)	100	0	22	0
	C - R148 (N)	21	0	0	0
	D - M6 (E)	0	0	0	0

Heavy Vehicle Percentages

16:30 - 16:45

		To			
		A - R148 (S)	B - M6 (W)	C - R148 (N)	D - M6 (E)
From	A - R148 (S)	0	0	2	26
	B - M6 (W)	0	0	24	0
	C - R148 (N)	21	0	0	0
	D - M6 (E)	0	0	0	0

Heavy Vehicle Percentages

16:45 - 17:00

		To			
		A - R148 (S)	B - M6 (W)	C - R148 (N)	D - M6 (E)
From	A - R148 (S)	0	0	1	46
	B - M6 (W)	0	0	11	0
	C - R148 (N)	9	0	0	0
	D - M6 (E)	0	0	0	0

Heavy Vehicle Percentages

17:00 - 17:15

		To			
		A - R148 (S)	B - M6 (W)	C - R148 (N)	D - M6 (E)
From	A - R148 (S)	0	0	8	48
	B - M6 (W)	0	0	14	0
	C - R148 (N)	8	0	0	0
	D - M6 (E)	0	0	0	0

17:15 - 17:30

Heavy Vehicle Percentages

		To			
		A - R148 (S)	B - M6 (W)	C - R148 (N)	D - M6 (E)
From	A - R148 (S)	0	0	11	22
	B - M6 (W)	29	0	10	0
	C - R148 (N)	7	0	0	0
	D - M6 (E)	0	0	0	0

Heavy Vehicle Percentages

17:30 - 17:45

		To			
		A - R148 (S)	B - M6 (W)	C - R148 (N)	D - M6 (E)
From	A - R148 (S)	0	0	15	47
	B - M6 (W)	0	0	7	0
	C - R148 (N)	0	0	0	0
	D - M6 (E)	0	0	0	0

Heavy Vehicle Percentages

17:45 - 18:00

		To			
		A - R148 (S)	B - M6 (W)	C - R148 (N)	D - M6 (E)
From	A - R148 (S)	0	0	15	64
	B - M6 (W)	0	0	4	0
	C - R148 (N)	3	0	0	0
	D - M6 (E)	0	0	0	0

Heavy Vehicle Percentages

18:00 - 18:15

		To			
		A - R148 (S)	B - M6 (W)	C - R148 (N)	D - M6 (E)
From	A - R148 (S)	0	0	7	100
	B - M6 (W)	0	0	8	0
	C - R148 (N)	8	0	0	0
	D - M6 (E)	0	0	0	0

Heavy Vehicle Percentages

18:15 - 18:30

		To			
		A - R148 (S)	B - M6 (W)	C - R148 (N)	D - M6 (E)
From	A - R148 (S)	0	0	1	34
	B - M6 (W)	0	0	17	0
	C - R148 (N)	1	0	0	0
	D - M6 (E)	0	0	0	0

Heavy Vehicle Percentages

18:30 - 18:45

		To			
		A - R148 (S)	B - M6 (W)	C - R148 (N)	D - M6 (E)
From	A - R148 (S)	0	0	2	100
	B - M6 (W)	0	0	9	0
	C - R148 (N)	0	0	0	0
	D - M6 (E)	0	0	0	0

Heavy Vehicle Percentages

18:45 - 19:00

		To			
		A - R148 (S)	B - M6 (W)	C - R148 (N)	D - M6 (E)
From	A - R148 (S)	0	0	1	63
	B - M6 (W)	0	0	29	0
	C - R148 (N)	5	0	0	0
	D - M6 (E)	0	0	0	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (Veh)	Max LOS	Average Demand (Veh/TS)	Total Junction Arrivals (Veh)
B-C	0.32	8.98	0.4	A	29.64	1422.83
B-AD	0.26	18.48	0.3	C	3.93	188.70
A-B					0.00	0.00
A-C					19.24	923.65
A-D	0.10	11.96	0.1	B	4.43	212.46
D-A	0.00	0.00	0.0	A	0.00	0.00
D-BC	0.00	0.00	0.0	A	0.00	0.00
C-ABD	0.00	0.00	0.0	A	0.00	0.00
C-D					1.21	58.16
C-A					48.50	2328.03

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	19.39	19.39	164.01	0.118	19.25	0.0	0.1	6.212	A
B-AD	2.60	2.60	70.05	0.037	2.56	0.0	0.0	13.330	B
A-B	0.00	0.00			0.00				
A-C	7.74	7.74			7.74				
A-D	3.41	3.41	96.49	0.035	3.37	0.0	0.0	9.665	A
D-A	0.00	0.00	183.02	0.000	0.00	0.0	0.0	0.000	A
D-BC	0.00	0.00	142.64	0.000	0.00	0.0	0.0	0.000	A
C-ABD	0.00	0.00	120.87	0.000	0.00	0.0	0.0	0.000	A
C-D	2.84	2.84			2.84				
C-A	39.43	39.43			39.43				

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	30.74	30.74	184.85	0.166	30.66	0.1	0.2	6.230	A
B-AD	4.96	4.96	81.39	0.061	4.93	0.0	0.1	12.619	B
A-B	0.00	0.00			0.00				
A-C	9.39	9.39			9.39				
A-D	2.23	2.23	77.07	0.029	2.24	0.0	0.0	10.766	B
D-A	0.00	0.00	176.04	0.000	0.00	0.0	0.0	0.000	A
D-BC	0.00	0.00	135.64	0.000	0.00	0.0	0.0	0.000	A
C-ABD	0.00	0.00	130.80	0.000	0.00	0.0	0.0	0.000	A
C-D	2.36	2.36			2.36				
C-A	55.50	55.50			55.50				

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	36.41	36.41	144.87	0.252	36.32	0.2	0.3	7.623	A
B-AD	21.05	21.05	90.82	0.232	20.82	0.1	0.3	13.230	B
A-B	0.00	0.00			0.00				
A-C	13.65	13.65			13.65				
A-D	3.41	3.41	85.00	0.040	3.39	0.0	0.0	11.960	B
D-A	0.00	0.00	161.09	0.000	0.00	0.0	0.0	0.000	A
D-BC	0.00	0.00	120.65	0.000	0.00	0.0	0.0	0.000	A
C-ABD	0.00	0.00	140.65	0.000	0.00	0.0	0.0	0.000	A
C-D	2.36	2.36			2.36				
C-A	108.17	108.17			108.17				

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	32.39	32.39	145.04	0.223	32.40	0.3	0.3	8.330	A
B-AD	25.55	25.55	97.86	0.261	25.49	0.3	0.4	12.984	B
A-B	0.00	0.00			0.00				
A-C	20.75	20.75			20.75				
A-D	3.41	3.41	81.93	0.042	3.41	0.0	0.0	11.464	B
D-A	0.00	0.00	154.85	0.000	0.00	0.0	0.0	0.000	A
D-BC	0.00	0.00	113.57	0.000	0.00	0.0	0.0	0.000	A
C-ABD	0.00	0.00	144.23	0.000	0.00	0.0	0.0	0.000	A
C-D	1.18	1.18			1.18				
C-A	124.48	124.48			124.48				

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	31.92	31.92	184.64	0.173	32.00	0.3	0.2	6.210	A
B-AD	5.21	5.21	97.99	0.053	5.52	0.4	0.1	10.204	B
A-B	0.00	0.00			0.00				
A-C	18.17	18.17			18.17				
A-D	6.14	6.14	89.43	0.069	6.11	0.0	0.1	10.895	B
D-A	0.00	0.00	165.81	0.000	0.00	0.0	0.0	0.000	A
D-BC	0.00	0.00	123.24	0.000	0.00	0.0	0.0	0.000	A
C-ABD	0.00	0.00	147.84	0.000	0.00	0.0	0.0	0.000	A
C-D	5.91	5.91			5.91				
C-A	103.69	103.69			103.69				

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	36.17	36.17	139.45	0.260	36.10	0.2	0.3	7.451	A
B-AD	7.81	7.81	84.33	0.093	7.78	0.1	0.1	10.975	B
A-B	0.00	0.00			0.00				
A-C	15.80	15.80			15.80				
A-D	4.95	4.95	83.68	0.059	4.97	0.1	0.1	10.893	B
D-A	0.00	0.00	168.44	0.000	0.00	0.0	0.0	0.000	A
D-BC	0.00	0.00	126.51	0.000	0.00	0.0	0.0	0.000	A
C-ABD	0.00	0.00	150.16	0.000	0.00	0.0	0.0	0.000	A
C-D	2.36	2.36			2.36				
C-A	93.76	93.76			93.76				

08:30 - 08:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	31.21	31.21	162.46	0.192	31.23	0.3	0.3	7.797	A
B-AD	7.56	7.56	76.08	0.100	7.56	0.1	0.1	12.120	B
A-B	0.00	0.00			0.00				
A-C	23.37	23.37			23.37				
A-D	3.54	3.54	92.73	0.038	3.56	0.1	0.0	10.437	B
D-A	0.00	0.00	177.15	0.000	0.00	0.0	0.0	0.000	A
D-BC	0.00	0.00	134.29	0.000	0.00	0.0	0.0	0.000	A
C-ABD	0.00	0.00	134.74	0.000	0.00	0.0	0.0	0.000	A
C-D	2.60	2.60			2.60				
C-A	45.83	45.83			45.83				

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	43.74	43.74	163.97	0.267	43.66	0.3	0.3	7.222	A
B-AD	0.00	0.00	74.42	0.000	0.10	0.1	0.0	0.000	A
A-B	0.00	0.00			0.00				
A-C	12.73	12.73			12.73				
A-D	4.72	4.72	105.85	0.045	4.71	0.0	0.0	9.334	A
D-A	0.00	0.00	181.52	0.000	0.00	0.0	0.0	0.000	A
D-BC	0.00	0.00	139.71	0.000	0.00	0.0	0.0	0.000	A
C-ABD	0.00	0.00	141.45	0.000	0.00	0.0	0.0	0.000	A
C-D	1.18	1.18			1.18				
C-A	47.01	47.01			47.01				

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	14.89	14.89	147.04	0.102	15.14	0.3	0.1	6.307	A
B-AD	1.18	1.18	107.37	0.011	1.17	0.0	0.0	11.260	B
A-B	0.00	0.00			0.00				
A-C	16.10	16.10			16.10				
A-D	3.84	3.84	96.78	0.040	3.85	0.0	0.0	9.067	A
D-A	0.00	0.00	187.08	0.000	0.00	0.0	0.0	0.000	A
D-BC	0.00	0.00	144.95	0.000	0.00	0.0	0.0	0.000	A
C-ABD	0.00	0.00	143.44	0.000	0.00	0.0	0.0	0.000	A
C-D	2.36	2.36			2.36				
C-A	27.49	27.49			27.49				

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	33.81	33.81	138.26	0.245	33.60	0.1	0.3	8.454	A
B-AD	2.60	2.60	67.52	0.039	2.58	0.0	0.0	12.299	B
A-B	0.00	0.00			0.00				
A-C	20.35	20.35			20.35				
A-D	3.84	3.84	96.18	0.040	3.84	0.0	0.0	9.746	A
D-A	0.00	0.00	185.83	0.000	0.00	0.0	0.0	0.000	A
D-BC	0.00	0.00	142.45	0.000	0.00	0.0	0.0	0.000	A
C-ABD	0.00	0.00	144.25	0.000	0.00	0.0	0.0	0.000	A
C-D	0.00	0.00			0.00				
C-A	31.98	31.98			31.98				

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	21.04	21.04	142.81	0.147	21.17	0.3	0.2	7.681	A
B-AD	2.84	2.84	53.00	0.054	2.82	0.0	0.0	15.932	C
A-B	0.00	0.00			0.00				
A-C	22.71	22.71			22.71				
A-D	3.84	3.84	94.98	0.040	3.84	0.0	0.0	9.874	A
D-A	0.00	0.00	184.12	0.000	0.00	0.0	0.0	0.000	A
D-BC	0.00	0.00	140.45	0.000	0.00	0.0	0.0	0.000	A
C-ABD	0.00	0.00	136.41	0.000	0.00	0.0	0.0	0.000	A
C-D	2.60	2.60			2.60				
C-A	35.53	35.53			35.53				

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	19.62	19.62	153.91	0.127	19.65	0.2	0.2	6.874	A
B-AD	2.36	2.36	105.02	0.022	2.38	0.0	0.0	13.438	B
A-B	0.00	0.00			0.00				
A-C	15.15	15.15			15.15				
A-D	5.02	5.02	106.22	0.047	5.01	0.0	0.1	9.314	A
D-A	0.00	0.00	185.81	0.000	0.00	0.0	0.0	0.000	A
D-BC	0.00	0.00	143.25	0.000	0.00	0.0	0.0	0.000	A
C-ABD	0.00	0.00	143.35	0.000	0.00	0.0	0.0	0.000	A
C-D	1.18	1.18			1.18				
C-A	33.16	33.16			33.16				

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	14.19	14.19	184.29	0.077	14.24	0.2	0.1	6.008	A
B-AD	1.42	1.42	54.22	0.026	1.43	0.0	0.0	11.773	B
A-B	0.00	0.00			0.00				
A-C	20.74	20.74			20.74				
A-D	4.78	4.78	92.12	0.052	4.78	0.1	0.1	9.612	A
D-A	0.00	0.00	184.52	0.000	0.00	0.0	0.0	0.000	A
D-BC	0.00	0.00	141.14	0.000	0.00	0.0	0.0	0.000	A
C-ABD	0.00	0.00	128.81	0.000	0.00	0.0	0.0	0.000	A
C-D	1.42	1.42			1.42				
C-A	34.62	34.62			34.62				

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	25.77	25.77	155.71	0.166	25.68	0.1	0.2	6.398	A
B-AD	2.36	2.36	105.52	0.022	2.35	0.0	0.0	11.997	B
A-B	0.00	0.00			0.00				
A-C	9.86	9.86			9.86				
A-D	2.18	2.18	79.78	0.027	2.20	0.1	0.0	10.624	B
D-A	0.00	0.00	181.83	0.000	0.00	0.0	0.0	0.000	A
D-BC	0.00	0.00	141.81	0.000	0.00	0.0	0.0	0.000	A
C-ABD	0.00	0.00	139.77	0.000	0.00	0.0	0.0	0.000	A
C-D	1.18	1.18			1.18				
C-A	46.44	46.44			46.44				

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	17.02	17.02	156.51	0.109	17.08	0.2	0.1	6.653	A
B-AD	2.60	2.60	67.30	0.039	2.60	0.0	0.0	11.544	B
A-B	0.00	0.00			0.00				
A-C	20.50	20.50			20.50				
A-D	4.78	4.78	89.20	0.054	4.75	0.0	0.1	11.138	B
D-A	0.00	0.00	178.63	0.000	0.00	0.0	0.0	0.000	A
D-BC	0.00	0.00	134.67	0.000	0.00	0.0	0.0	0.000	A
C-ABD	0.00	0.00	137.89	0.000	0.00	0.0	0.0	0.000	A
C-D	0.00	0.00			0.00				
C-A	48.09	48.09			48.09				

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	30.97	30.97	146.82	0.211	30.84	0.1	0.3	7.462	A
B-AD	4.02	4.02	63.70	0.063	3.99	0.0	0.1	14.484	B
A-B	0.00	0.00			0.00				
A-C	7.50	7.50			7.50				
A-D	5.01	5.01	80.65	0.062	5.01	0.1	0.1	11.152	B
D-A	0.00	0.00	184.08	0.000	0.00	0.0	0.0	0.000	A
D-BC	0.00	0.00	142.37	0.000	0.00	0.0	0.0	0.000	A
C-ABD	0.00	0.00	145.65	0.000	0.00	0.0	0.0	0.000	A
C-D	1.18	1.18			1.18				
C-A	34.38	34.38			34.38				

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	14.89	14.89	141.35	0.105	15.03	0.3	0.1	7.089	A
B-AD	4.96	4.96	84.20	0.059	4.96	0.1	0.1	13.077	B
A-B	0.00	0.00			0.00				
A-C	10.76	10.76			10.76				
A-D	5.73	5.73	99.11	0.058	5.73	0.1	0.1	10.854	B
D-A	0.00	0.00	180.15	0.000	0.00	0.0	0.0	0.000	A
D-BC	0.00	0.00	137.55	0.000	0.00	0.0	0.0	0.000	A
C-ABD	0.00	0.00	143.77	0.000	0.00	0.0	0.0	0.000	A
C-D	0.00	0.00			0.00				
C-A	43.85	43.85			43.85				

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	17.73	17.73	126.33	0.140	17.69	0.1	0.2	7.929	A
B-AD	7.80	7.80	70.58	0.111	7.76	0.1	0.1	13.298	B
A-B	0.00	0.00			0.00				
A-C	11.47	11.47			11.47				
A-D	3.13	3.13	94.50	0.033	3.17	0.1	0.0	9.719	A
D-A	0.00	0.00	175.35	0.000	0.00	0.0	0.0	0.000	A
D-BC	0.00	0.00	134.65	0.000	0.00	0.0	0.0	0.000	A
C-ABD	0.00	0.00	142.95	0.000	0.00	0.0	0.0	0.000	A
C-D	2.36	2.36			2.36				
C-A	50.70	50.70			50.70				

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	25.53	25.53	128.63	0.199	25.44	0.2	0.2	8.580	A
B-AD	2.60	2.60	68.84	0.038	2.67	0.1	0.0	13.618	B
A-B	0.00	0.00			0.00				
A-C	13.36	13.36			13.36				
A-D	1.95	1.95	81.82	0.024	1.96	0.0	0.0	9.964	A
D-A	0.00	0.00	186.24	0.000	0.00	0.0	0.0	0.000	A
D-BC	0.00	0.00	144.61	0.000	0.00	0.0	0.0	0.000	A
C-ABD	0.00	0.00	142.77	0.000	0.00	0.0	0.0	0.000	A
C-D	0.00	0.00			0.00				
C-A	27.54	27.54			27.54				

11:45 - 12:00

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	23.64	23.64	143.86	0.164	23.67	0.2	0.2	8.002	A
B-AD	2.60	2.60	69.94	0.037	2.60	0.0	0.0	13.363	B
A-B	0.00	0.00			0.00				
A-C	11.47	11.47			11.47				
A-D	5.97	5.97	90.36	0.066	5.92	0.0	0.1	10.956	B
D-A	0.00	0.00	185.97	0.000	0.00	0.0	0.0	0.000	A
D-BC	0.00	0.00	142.93	0.000	0.00	0.0	0.0	0.000	A
C-ABD	0.00	0.00	144.71	0.000	0.00	0.0	0.0	0.000	A
C-D	0.00	0.00			0.00				
C-A	28.72	28.72			28.72				

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	23.64	23.64	141.45	0.167	23.65	0.2	0.2	7.639	A
B-AD	4.02	4.02	63.95	0.063	3.99	0.0	0.1	14.423	B
A-B	0.00	0.00			0.00				
A-C	11.71	11.71			11.71				
A-D	3.13	3.13	99.74	0.031	3.17	0.1	0.0	9.998	A
D-A	0.00	0.00	185.61	0.000	0.00	0.0	0.0	0.000	A
D-BC	0.00	0.00	144.25	0.000	0.00	0.0	0.0	0.000	A
C-ABD	0.00	0.00	146.54	0.000	0.00	0.0	0.0	0.000	A
C-D	2.36	2.36			2.36				
C-A	29.34	29.34			29.34				

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	17.73	17.73	135.12	0.131	17.79	0.2	0.1	7.321	A
B-AD	2.36	2.36	106.01	0.022	2.39	0.1	0.0	12.442	B
A-B	0.00	0.00			0.00				
A-C	9.11	9.11			9.11				
A-D	4.55	4.55	93.22	0.049	4.54	0.0	0.0	9.859	A
D-A	0.00	0.00	185.30	0.000	0.00	0.0	0.0	0.000	A
D-BC	0.00	0.00	143.61	0.000	0.00	0.0	0.0	0.000	A
C-ABD	0.00	0.00	146.25	0.000	0.00	0.0	0.0	0.000	A
C-D	1.18	1.18			1.18				
C-A	31.23	31.23			31.23				

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	27.89	27.89	132.89	0.210	27.78	0.1	0.3	8.533	A
B-AD	2.60	2.60	69.13	0.038	2.60	0.0	0.0	11.234	B
A-B	0.00	0.00			0.00				
A-C	13.84	13.84			13.84				
A-D	3.13	3.13	99.92	0.031	3.15	0.0	0.0	9.703	A
D-A	0.00	0.00	185.31	0.000	0.00	0.0	0.0	0.000	A
D-BC	0.00	0.00	143.88	0.000	0.00	0.0	0.0	0.000	A
C-ABD	0.00	0.00	144.57	0.000	0.00	0.0	0.0	0.000	A
C-D	0.00	0.00			0.00				
C-A	30.05	30.05			30.05				

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	21.04	21.04	149.90	0.140	21.13	0.3	0.2	7.487	A
B-AD	0.00	0.00	69.31	0.000	0.03	0.0	0.0	0.000	A
A-B	0.00	0.00			0.00				
A-C	12.65	12.65			12.65				
A-D	5.97	5.97	91.30	0.065	5.94	0.0	0.1	10.160	B
D-A	0.00	0.00	187.74	0.000	0.00	0.0	0.0	0.000	A
D-BC	0.00	0.00	144.45	0.000	0.00	0.0	0.0	0.000	A
C-ABD	0.00	0.00	145.70	0.000	0.00	0.0	0.0	0.000	A
C-D	0.00	0.00			0.00				
C-A	27.21	27.21			27.21				

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	14.66	14.66	154.92	0.095	14.73	0.2	0.1	6.684	A
B-AD	2.36	2.36	105.61	0.022	2.34	0.0	0.0	11.273	B
A-B	0.00	0.00			0.00				
A-C	21.31	21.31			21.31				
A-D	4.13	4.13	80.80	0.051	4.14	0.1	0.1	11.037	B
D-A	0.00	0.00	184.23	0.000	0.00	0.0	0.0	0.000	A
D-BC	0.00	0.00	140.36	0.000	0.00	0.0	0.0	0.000	A
C-ABD	0.00	0.00	141.78	0.000	0.00	0.0	0.0	0.000	A
C-D	0.00	0.00			0.00				
C-A	33.05	33.05			33.05				

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	22.22	22.22	138.51	0.160	22.15	0.1	0.2	7.552	A
B-AD	8.04	8.04	64.55	0.125	7.94	0.0	0.1	14.217	B
A-B	0.00	0.00			0.00				
A-C	18.94	18.94			18.94				
A-D	3.89	3.89	93.00	0.042	3.89	0.1	0.0	11.048	B
D-A	0.00	0.00	180.90	0.000	0.00	0.0	0.0	0.000	A
D-BC	0.00	0.00	138.09	0.000	0.00	0.0	0.0	0.000	A
C-ABD	0.00	0.00	147.23	0.000	0.00	0.0	0.0	0.000	A
C-D	1.18	1.18			1.18				
C-A	46.54	46.54			46.54				

13:30 - 13:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	35.94	35.94	177.19	0.203	35.85	0.2	0.3	6.862	A
B-AD	1.18	1.18	99.13	0.011	1.29	0.1	0.0	14.023	B
A-B	0.00	0.00			0.00				
A-C	6.65	6.65			6.65				
A-D	3.89	3.89	94.12	0.041	3.90	0.0	0.0	9.975	A
D-A	0.00	0.00	182.82	0.000	0.00	0.0	0.0	0.000	A
D-BC	0.00	0.00	142.24	0.000	0.00	0.0	0.0	0.000	A
C-ABD	0.00	0.00	150.62	0.000	0.00	0.0	0.0	0.000	A
C-D	3.55	3.55			3.55				
C-A	43.93	43.93			43.93				

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	25.06	25.06	171.83	0.146	25.16	0.3	0.2	6.230	A
B-AD	7.33	7.33	92.33	0.079	7.26	0.0	0.1	10.319	B
A-B	0.00	0.00			0.00				
A-C	10.43	10.43			10.43				
A-D	9.33	9.33	91.23	0.102	9.26	0.0	0.1	10.868	B
D-A	0.00	0.00	182.09	0.000	0.00	0.0	0.0	0.000	A
D-BC	0.00	0.00	137.41	0.000	0.00	0.0	0.0	0.000	A
C-ABD	0.00	0.00	149.47	0.000	0.00	0.0	0.0	0.000	A
C-D	1.18	1.18			1.18				
C-A	40.39	40.39			40.39				

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	30.97	30.97	178.16	0.174	30.94	0.2	0.2	6.145	A
B-AD	2.60	2.60	67.08	0.039	2.65	0.1	0.0	11.636	B
A-B	0.00	0.00			0.00				
A-C	16.14	16.14			16.14				
A-D	2.89	2.89	77.36	0.037	2.96	0.1	0.0	10.947	B
D-A	0.00	0.00	176.00	0.000	0.00	0.0	0.0	0.000	A
D-BC	0.00	0.00	134.49	0.000	0.00	0.0	0.0	0.000	A
C-ABD	0.00	0.00	144.28	0.000	0.00	0.0	0.0	0.000	A
C-D	0.00	0.00			0.00				
C-A	54.85	54.85			54.85				

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	14.89	14.89	144.72	0.103	15.00	0.2	0.1	5.997	A
B-AD	2.60	2.60	69.91	0.037	2.60	0.0	0.0	13.369	B
A-B	0.00	0.00			0.00				
A-C	12.83	12.83			12.83				
A-D	5.25	5.25	103.25	0.051	5.23	0.0	0.1	10.160	B
D-A	0.00	0.00	183.07	0.000	0.00	0.0	0.0	0.000	A
D-BC	0.00	0.00	140.80	0.000	0.00	0.0	0.0	0.000	A
C-ABD	0.00	0.00	146.81	0.000	0.00	0.0	0.0	0.000	A
C-D	0.00	0.00			0.00				
C-A	41.62	41.62			41.62				

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	35.46	35.46	157.70	0.225	35.27	0.1	0.3	7.537	A
B-AD	3.55	3.55	105.41	0.033	3.54	0.0	0.0	10.893	B
A-B	0.00	0.00			0.00				
A-C	7.86	7.86			7.86				
A-D	4.07	4.07	93.52	0.044	4.08	0.1	0.0	9.526	A
D-A	0.00	0.00	182.29	0.000	0.00	0.0	0.0	0.000	A
D-BC	0.00	0.00	141.42	0.000	0.00	0.0	0.0	0.000	A
C-ABD	0.00	0.00	145.72	0.000	0.00	0.0	0.0	0.000	A
C-D	0.00	0.00			0.00				
C-A	38.06	38.06			38.06				

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	32.63	32.63	165.47	0.197	32.66	0.3	0.3	7.045	A
B-AD	1.42	1.42	53.73	0.027	1.44	0.0	0.0	11.125	B
A-B	0.00	0.00			0.00				
A-C	16.37	16.37			16.37				
A-D	2.89	2.89	81.25	0.036	2.90	0.0	0.0	10.501	B
D-A	0.00	0.00	185.14	0.000	0.00	0.0	0.0	0.000	A
D-BC	0.00	0.00	143.07	0.000	0.00	0.0	0.0	0.000	A
C-ABD	0.00	0.00	145.46	0.000	0.00	0.0	0.0	0.000	A
C-D	0.00	0.00			0.00				
C-A	34.52	34.52			34.52				

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	26.01	26.01	145.52	0.179	26.06	0.3	0.2	6.984	A
B-AD	3.78	3.78	76.45	0.049	3.74	0.0	0.1	13.961	B
A-B	0.00	0.00			0.00				
A-C	15.24	15.24			15.24				
A-D	3.32	3.32	79.41	0.042	3.31	0.0	0.0	11.825	B
D-A	0.00	0.00	181.33	0.000	0.00	0.0	0.0	0.000	A
D-BC	0.00	0.00	139.10	0.000	0.00	0.0	0.0	0.000	A
C-ABD	0.00	0.00	147.19	0.000	0.00	0.0	0.0	0.000	A
C-D	0.00	0.00			0.00				
C-A	47.43	47.43			47.43				

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	32.39	32.39	164.99	0.196	32.33	0.2	0.3	7.422	A
B-AD	6.62	6.62	64.89	0.102	6.57	0.1	0.1	14.434	B
A-B	0.00	0.00			0.00				
A-C	15.96	15.96			15.96				
A-D	3.08	3.08	95.62	0.032	3.09	0.0	0.0	10.930	B
D-A	0.00	0.00	177.23	0.000	0.00	0.0	0.0	0.000	A
D-BC	0.00	0.00	136.04	0.000	0.00	0.0	0.0	0.000	A
C-ABD	0.00	0.00	146.79	0.000	0.00	0.0	0.0	0.000	A
C-D	1.18	1.18			1.18				
C-A	51.92	51.92			51.92				

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	42.08	42.08	148.85	0.283	41.99	0.3	0.4	7.711	A
B-AD	1.42	1.42	52.71	0.027	1.50	0.1	0.0	15.136	C
A-B	0.00	0.00			0.00				
A-C	12.41	12.41			12.41				
A-D	8.28	8.28	102.24	0.081	8.23	0.0	0.1	9.648	A
D-A	0.00	0.00	183.50	0.000	0.00	0.0	0.0	0.000	A
D-BC	0.00	0.00	139.84	0.000	0.00	0.0	0.0	0.000	A
C-ABD	0.00	0.00	149.15	0.000	0.00	0.0	0.0	0.000	A
C-D	0.00	0.00			0.00				
C-A	42.47	42.47			42.47				

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	43.03	43.03	151.05	0.285	42.98	0.4	0.4	8.504	A
B-AD	1.42	1.42	50.10	0.028	1.41	0.0	0.0	18.484	C
A-B	0.00	0.00			0.00				
A-C	22.10	22.10			22.10				
A-D	9.70	9.70	96.41	0.101	9.68	0.1	0.1	10.175	B
D-A	0.00	0.00	180.46	0.000	0.00	0.0	0.0	0.000	A
D-BC	0.00	0.00	134.23	0.000	0.00	0.0	0.0	0.000	A
C-ABD	0.00	0.00	136.30	0.000	0.00	0.0	0.0	0.000	A
C-D	2.60	2.60			2.60				
C-A	46.01	46.01			46.01				

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	40.90	40.90	166.60	0.245	40.95	0.4	0.4	7.723	A
B-AD	4.73	4.73	99.37	0.047	4.70	0.0	0.1	11.753	B
A-B	0.00	0.00			0.00				
A-C	24.21	24.21			24.21				
A-D	4.14	4.14	107.17	0.038	4.20	0.1	0.0	9.634	A
D-A	0.00	0.00	175.80	0.000	0.00	0.0	0.0	0.000	A
D-BC	0.00	0.00	133.06	0.000	0.00	0.0	0.0	0.000	A
C-ABD	0.00	0.00	139.98	0.000	0.00	0.0	0.0	0.000	A
C-D	1.18	1.18			1.18				
C-A	61.76	61.76			61.76				

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	39.25	39.25	152.13	0.258	39.27	0.4	0.3	7.483	A
B-AD	1.42	1.42	50.90	0.028	1.46	0.1	0.0	11.322	B
A-B	0.00	0.00			0.00				
A-C	25.63	25.63			25.63				
A-D	4.37	4.37	90.26	0.049	4.37	0.0	0.0	9.568	A
D-A	0.00	0.00	178.11	0.000	0.00	0.0	0.0	0.000	A
D-BC	0.00	0.00	134.32	0.000	0.00	0.0	0.0	0.000	A
C-ABD	0.00	0.00	141.88	0.000	0.00	0.0	0.0	0.000	A
C-D	1.18	1.18			1.18				
C-A	56.56	56.56			56.56				

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	41.85	41.85	140.75	0.297	41.76	0.3	0.4	8.983	A
B-AD	2.36	2.36	89.99	0.026	2.35	0.0	0.0	14.146	B
A-B	0.00	0.00			0.00				
A-C	69.99	69.99			69.99				
A-D	6.75	6.75	123.22	0.055	6.73	0.0	0.1	8.898	A
D-A	0.00	0.00	178.59	0.000	0.00	0.0	0.0	0.000	A
D-BC	0.00	0.00	127.93	0.000	0.00	0.0	0.0	0.000	A
C-ABD	0.00	0.00	134.45	0.000	0.00	0.0	0.0	0.000	A
C-D	2.36	2.36			2.36				
C-A	55.38	55.38			55.38				

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	37.36	37.36	161.75	0.231	37.44	0.4	0.3	7.794	A
B-AD	0.00	0.00	96.13	0.000	0.04	0.0	0.0	0.000	A
A-B	0.00	0.00			0.00				
A-C	54.38	54.38			54.38				
A-D	6.99	6.99	109.35	0.064	6.99	0.1	0.1	8.192	A
D-A	0.00	0.00	181.80	0.000	0.00	0.0	0.0	0.000	A
D-BC	0.00	0.00	133.02	0.000	0.00	0.0	0.0	0.000	A
C-ABD	0.00	0.00	140.47	0.000	0.00	0.0	0.0	0.000	A
C-D	1.18	1.18			1.18				
C-A	51.84	51.84			51.84				

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	49.65	49.65	154.67	0.321	49.52	0.3	0.5	8.415	A
B-AD	2.36	2.36	92.74	0.026	2.34	0.0	0.0	9.954	A
A-B	0.00	0.00			0.00				
A-C	57.52	57.52			57.52				
A-D	7.34	7.34	106.31	0.069	7.34	0.1	0.1	9.010	A
D-A	0.00	0.00	180.12	0.000	0.00	0.0	0.0	0.000	A
D-BC	0.00	0.00	130.03	0.000	0.00	0.0	0.0	0.000	A
C-ABD	0.00	0.00	140.45	0.000	0.00	0.0	0.0	0.000	A
C-D	1.18	1.18			1.18				
C-A	56.38	56.38			56.38				

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	40.90	40.90	153.16	0.267	40.98	0.5	0.4	8.237	A
B-AD	4.96	4.96	70.93	0.070	4.92	0.0	0.1	12.597	B
A-B	0.00	0.00			0.00				
A-C	71.00	71.00			71.00				
A-D	9.47	9.47	126.07	0.075	9.46	0.1	0.1	8.476	A
D-A	0.00	0.00	176.73	0.000	0.00	0.0	0.0	0.000	A
D-BC	0.00	0.00	124.05	0.000	0.00	0.0	0.0	0.000	A
C-ABD	0.00	0.00	138.02	0.000	0.00	0.0	0.0	0.000	A
C-D	1.18	1.18			1.18				
C-A	65.83	65.83			65.83				

17:30 - 17:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	43.03	43.03	172.36	0.250	43.07	0.4	0.3	7.124	A
B-AD	5.91	5.91	102.50	0.057	5.91	0.1	0.1	10.579	B
A-B	0.00	0.00			0.00				
A-C	20.96	20.96			20.96				
A-D	4.49	4.49	107.32	0.042	4.54	0.1	0.0	7.744	A
D-A	0.00	0.00	179.98	0.000	0.00	0.0	0.0	0.000	A
D-BC	0.00	0.00	137.12	0.000	0.00	0.0	0.0	0.000	A
C-ABD	0.00	0.00	151.01	0.000	0.00	0.0	0.0	0.000	A
C-D	0.00	0.00			0.00				
C-A	58.03	58.03			58.03				

17:45 - 18:00

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	32.16	32.16	179.35	0.179	32.28	0.3	0.2	6.211	A
B-AD	1.18	1.18	103.99	0.011	1.24	0.1	0.0	8.765	A
A-B	0.00	0.00			0.00				
A-C	20.96	20.96			20.96				
A-D	3.31	3.31	97.91	0.034	3.31	0.0	0.0	8.944	A
D-A	0.00	0.00	183.42	0.000	0.00	0.0	0.0	0.000	A
D-BC	0.00	0.00	140.86	0.000	0.00	0.0	0.0	0.000	A
C-ABD	0.00	0.00	151.31	0.000	0.00	0.0	0.0	0.000	A
C-D	0.00	0.00			0.00				
C-A	47.63	47.63			47.63				

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	37.12	37.12	175.04	0.212	37.08	0.2	0.3	6.408	A
B-AD	0.00	0.00	101.75	0.000	0.01	0.0	0.0	0.000	A
A-B	0.00	0.00			0.00				
A-C	22.81	22.81			22.81				
A-D	0.61	0.61	79.91	0.008	0.63	0.0	0.0	9.723	A
D-A	0.00	0.00	180.77	0.000	0.00	0.0	0.0	0.000	A
D-BC	0.00	0.00	139.74	0.000	0.00	0.0	0.0	0.000	A
C-ABD	0.00	0.00	150.55	0.000	0.00	0.0	0.0	0.000	A
C-D	0.00	0.00			0.00				
C-A	56.49	56.49			56.49				

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	34.05	34.05	164.30	0.207	34.06	0.3	0.3	6.567	A
B-AD	1.18	1.18	108.38	0.011	1.17	0.0	0.0	8.393	A
A-B	0.00	0.00			0.00				
A-C	8.39	8.39			8.39				
A-D	1.79	1.79	122.67	0.015	1.78	0.0	0.0	8.375	A
D-A	0.00	0.00	187.95	0.000	0.00	0.0	0.0	0.000	A
D-BC	0.00	0.00	148.66	0.000	0.00	0.0	0.0	0.000	A
C-ABD	0.00	0.00	154.87	0.000	0.00	0.0	0.0	0.000	A
C-D	0.00	0.00			0.00				
C-A	30.95	30.95			30.95				

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	30.03	30.03	176.11	0.170	30.06	0.3	0.2	6.421	A
B-AD	0.00	0.00	105.59	0.000	0.01	0.0	0.0	0.000	A
A-B	0.00	0.00			0.00				
A-C	7.21	7.21			7.21				
A-D	0.61	0.61	80.15	0.008	0.62	0.0	0.0	8.588	A
D-A	0.00	0.00	181.78	0.000	0.00	0.0	0.0	0.000	A
D-BC	0.00	0.00	143.31	0.000	0.00	0.0	0.0	0.000	A
C-ABD	0.00	0.00	155.69	0.000	0.00	0.0	0.0	0.000	A
C-D	2.36	2.36			2.36				
C-A	55.78	55.78			55.78				

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	29.79	29.79	147.70	0.202	29.78	0.2	0.2	6.940	A
B-AD	1.18	1.18	106.64	0.011	1.17	0.0	0.0	8.532	A
A-B	0.00	0.00			0.00				
A-C	15.48	15.48			15.48				
A-D	3.21	3.21	100.32	0.032	3.18	0.0	0.0	9.602	A
D-A	0.00	0.00	187.12	0.000	0.00	0.0	0.0	0.000	A
D-BC	0.00	0.00	145.81	0.000	0.00	0.0	0.0	0.000	A
C-ABD	0.00	0.00	153.33	0.000	0.00	0.0	0.0	0.000	A
C-D	1.18	1.18			1.18				
C-A	32.37	32.37			32.37				

Junctions 9

ARCADY 9 - Roundabout Module

Filename: Junction 5 - R148 - R446 Roundabout.j9
Path: W:\2022\P22-013\Modelling
Report generation date: 29/06/2022 15:15:21

Summary of junction performance

	12hrs			
	Queue (Veh)	Delay (s)	RFC	LOS
	Op Year			
1 - R148 (E)	0.2	3.05	0.20	A
2 - R148 (S)	0.2	3.57	0.19	A
3 - R446	0.1	4.35	0.07	A
	Op Year +5			
1 - R148 (E)	0.3	3.15	0.22	A
2 - R148 (S)	0.3	3.68	0.21	A
3 - R446	0.1	4.51	0.09	A
	Op Year +15			
1 - R148 (E)	0.3	3.27	0.24	A
2 - R148 (S)	0.3	3.82	0.23	A
3 - R446	0.2	4.69	0.10	A
	Op Year + Dev			
1 - R148 (E)	0.4	3.07	0.28	A
2 - R148 (S)	0.4	3.60	0.27	A
3 - R446	0.1	4.37	0.07	A
	Op Year +5 + Dev			
1 - R148 (E)	0.4	3.17	0.30	A
2 - R148 (S)	0.4	3.70	0.30	A
3 - R446	0.1	4.52	0.09	A
	Op Year +15 + Dev			
1 - R148 (E)	0.5	3.31	0.32	A
2 - R148 (S)	0.4	3.84	0.32	A
3 - R446	0.2	4.70	0.10	A
	Op Year + Dev + Adj			
1 - R148 (E)	0.4	3.06	0.28	A
2 - R148 (S)	0.4	3.60	0.28	A
3 - R446	0.1	4.37	0.07	A

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

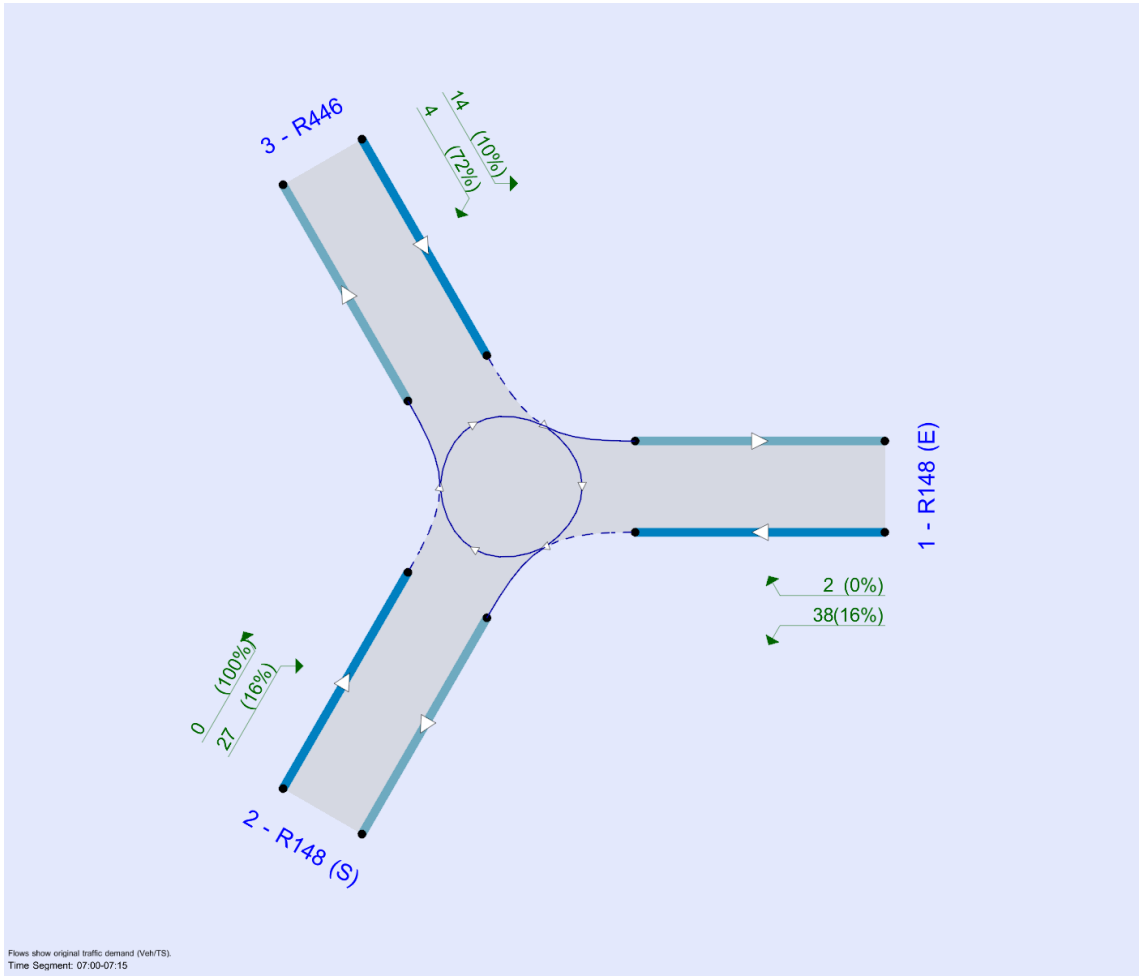
File summary

File Description

Title	
Location	
Site number	
Date	09/03/2022
Version	
Status	(new file)
Identifier	
Client	
Jobnumber	
Enumerator	PMCE\farnanr
Description	

Units

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



The junction diagram reflects the last run of Junctions.

Analysis Options

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

Analysis Set Details

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

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	Op Year +15 + Dev	12hrs	DIRECT	07:00	19:00	720	15	✓	Simple	D4 + D5

Op Year +15 + Dev, 12hrs

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Use circulating lanes	Arm order	Junction Delay (s)	Junction LOS
1	Junction 5	Standard Roundabout		1, 2, 3	3.67	A

Junction Network Options

Driving side	Lighting
Left	Normal/unknown

Arms

Arms

Arm	Name	Description
1	R148 (E)	
2	R148 (S)	
3	R446	

Roundabout Geometry

Arm	V - Approach road half-width (m)	E - Entry width (m)	l' - Effective flare length (m)	R - Entry radius (m)	D - Inscribed circle diameter (m)	PHI - Conflict (entry) angle (deg)	Exit only
1 - R148 (E)	4.50	7.00	13.0	16.0	50.0	30.0	
2 - R148 (S)	4.00	6.00	17.0	18.0	50.0	30.0	
3 - R446	4.00	5.30	21.3	17.4	50.0	30.0	

Slope / Intercept / Capacity

Roundabout Slope and Intercept used in model

Arm	Final slope	Final intercept (PCU/TS)
1 - R148 (E)	0.626	452.507
2 - R148 (S)	0.596	410.820
3 - R446	0.574	382.569

The slope and intercept shown above include any corrections and adjustments.

Traffic Demand

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 (%)
1 - R148 (E)		DIRECT	✓	100.000
2 - R148 (S)		DIRECT	✓	100.000
3 - R446		DIRECT	✓	100.000

Origin-Destination Data

07:00 - 07:15

Demand (Veh/TS)

		To		
		1 - R148 (E)	2 - R148 (S)	3 - R446
From	1 - R148 (E)	0.00	38.03	2.36
	2 - R148 (S)	26.88	0.00	0.25
	3 - R446	14.42	4.24	0.00

07:15 - 07:30

Demand (Veh/TS)

		To		
		1 - R148 (E)	2 - R148 (S)	3 - R446
From	1 - R148 (E)	0.00	52.91	4.96
	2 - R148 (S)	38.71	0.00	1.43
	3 - R446	11.11	4.95	0.00

07:30 - 07:45

Demand (Veh/TS)

		To		
		1 - R148 (E)	2 - R148 (S)	3 - R446
From	1 - R148 (E)	0.00	106.52	5.91
	2 - R148 (S)	49.82	0.00	0.25
	3 - R446	18.44	4.01	0.00

07:45 - 08:00

Demand (Veh/TS)

		To		
		1 - R148 (E)	2 - R148 (S)	3 - R446
From	1 - R148 (E)	0.00	121.65	9.93
	2 - R148 (S)	52.89	0.00	0.25
	3 - R446	8.51	4.01	0.00

08:00 - 08:15

Demand (Veh/TS)

		To		
		1 - R148 (E)	2 - R148 (S)	3 - R446
From	1 - R148 (E)	0.00	102.12	16.78
	2 - R148 (S)	47.47	0.00	2.63
	3 - R446	13.95	7.48	0.00

08:15 - 08:30

Demand (Veh/TS)

		To		
		1 - R148 (E)	2 - R148 (S)	3 - R446
From	1 - R148 (E)	0.00	89.59	13.71
	2 - R148 (S)	51.72	0.00	0.26
	3 - R446	11.82	6.54	0.00

08:30 - 08:45

Demand (Veh/TS)

		To		
		1 - R148 (E)	2 - R148 (S)	3 - R446
From	1 - R148 (E)	0.00	45.68	8.75
	2 - R148 (S)	51.96	0.00	2.63
	3 - R446	15.84	2.75	0.00

08:45 - 09:00

Demand (Veh/TS)

		To		
		1 - R148 (E)	2 - R148 (S)	3 - R446
From	1 - R148 (E)	0.00	44.50	8.28
	2 - R148 (S)	55.03	0.00	1.44
	3 - R446	16.79	3.69	0.00

09:00 - 09:15

Demand (Veh/TS)

		To		
		1 - R148 (E)	2 - R148 (S)	3 - R446
From	1 - R148 (E)	0.00	27.31	8.28
	2 - R148 (S)	30.70	0.00	0.30
	3 - R446	1.18	2.54	0.00

Demand (Veh/TS)

09:15 - 09:30

		To		
		1 - R148 (E)	2 - R148 (S)	3 - R446
From	1 - R148 (E)	0.00	29.44	3.78
	2 - R148 (S)	51.26	0.00	2.90
	3 - R446	13.24	2.54	0.00

Demand (Veh/TS)

09:30 - 09:45

		To		
		1 - R148 (E)	2 - R148 (S)	3 - R446
From	1 - R148 (E)	0.00	36.53	12.29
	2 - R148 (S)	42.28	0.00	1.48
	3 - R446	8.28	1.60	0.00

Demand (Veh/TS)

09:45 - 10:00

		To		
		1 - R148 (E)	2 - R148 (S)	3 - R446
From	1 - R148 (E)	0.00	34.17	15.37
	2 - R148 (S)	34.48	0.00	0.30
	3 - R446	10.88	0.18	0.00

Demand (Veh/TS)

10:00 - 10:15

		To		
		1 - R148 (E)	2 - R148 (S)	3 - R446
From	1 - R148 (E)	0.00	34.51	4.73
	2 - R148 (S)	33.50	0.00	1.42
	3 - R446	4.73	1.53	0.00

Demand (Veh/TS)

10:15 - 10:30

		To		
		1 - R148 (E)	2 - R148 (S)	3 - R446
From	1 - R148 (E)	0.00	45.15	2.36
	2 - R148 (S)	34.21	0.00	1.42
	3 - R446	16.31	2.48	0.00

Demand (Veh/TS)

10:30 - 10:45

		To		
		1 - R148 (E)	2 - R148 (S)	3 - R446
From	1 - R148 (E)	0.00	46.80	12.06
	2 - R148 (S)	33.73	0.00	3.79
	3 - R446	8.28	1.30	0.00

Demand (Veh/TS)

10:45 - 11:00

		To		
		1 - R148 (E)	2 - R148 (S)	3 - R446
From	1 - R148 (E)	0.00	33.09	4.96
	2 - R148 (S)	37.04	0.00	1.42
	3 - R446	14.19	2.48	0.00

11:00 - 11:15

Demand (Veh/TS)

		To		
		1 - R148 (E)	2 - R148 (S)	3 - R446
From	1 - R148 (E)	0.00	43.73	8.75
	2 - R148 (S)	25.44	0.00	0.22
	3 - R446	8.28	0.12	0.00

11:15 - 11:30

Demand (Veh/TS)

		To		
		1 - R148 (E)	2 - R148 (S)	3 - R446
From	1 - R148 (E)	0.00	52.95	6.15
	2 - R148 (S)	27.80	0.00	1.40
	3 - R446	17.02	0.12	0.00

11:30 - 11:45

Demand (Veh/TS)

		To		
		1 - R148 (E)	2 - R148 (S)	3 - R446
From	1 - R148 (E)	0.00	27.42	9.46
	2 - R148 (S)	37.26	0.00	1.63
	3 - R446	5.91	0.12	0.00

11:45 - 12:00

Demand (Veh/TS)

		To		
		1 - R148 (E)	2 - R148 (S)	3 - R446
From	1 - R148 (E)	0.00	28.60	13.71
	2 - R148 (S)	34.90	0.00	0.22
	3 - R446	13.00	0.12	0.00

12:00 - 12:15

Demand (Veh/TS)

		To		
		1 - R148 (E)	2 - R148 (S)	3 - R446
From	1 - R148 (E)	0.00	30.44	14.42
	2 - R148 (S)	35.13	0.00	0.22
	3 - R446	12.06	1.27	0.00

12:15 - 12:30

Demand (Veh/TS)

		To		
		1 - R148 (E)	2 - R148 (S)	3 - R446
From	1 - R148 (E)	0.00	31.14	10.88
	2 - R148 (S)	24.26	0.00	2.58
	3 - R446	5.91	1.27	0.00

12:30 - 12:45

Demand (Veh/TS)

		To		
		1 - R148 (E)	2 - R148 (S)	3 - R446
From	1 - R148 (E)	0.00	29.96	10.88
	2 - R148 (S)	40.33	0.00	1.40
	3 - R446	9.69	0.09	0.00

12:45 - 13:00

Demand (Veh/TS)

		To		
		1 - R148 (E)	2 - R148 (S)	3 - R446
From	1 - R148 (E)	0.00	25.94	11.82
	2 - R148 (S)	32.30	0.00	1.40
	3 - R446	9.69	1.27	0.00

13:00 - 13:15

Demand (Veh/TS)

		To		
		1 - R148 (E)	2 - R148 (S)	3 - R446
From	1 - R148 (E)	0.00	32.91	10.88
	2 - R148 (S)	34.48	0.00	1.48
	3 - R446	13.24	0.14	0.00

Demand (Veh/TS)

13:15 - 13:30

		To		
		1 - R148 (E)	2 - R148 (S)	3 - R446
From	1 - R148 (E)	0.00	45.21	7.09
	2 - R148 (S)	39.68	0.00	1.48
	3 - R446	9.93	2.51	0.00

Demand (Veh/TS)

13:30 - 13:45

		To		
		1 - R148 (E)	2 - R148 (S)	3 - R446
From	1 - R148 (E)	0.00	46.15	7.09
	2 - R148 (S)	42.29	0.00	0.30
	3 - R446	5.91	1.33	0.00

Demand (Veh/TS)

13:45 - 14:00

		To		
		1 - R148 (E)	2 - R148 (S)	3 - R446
From	1 - R148 (E)	0.00	40.24	15.60
	2 - R148 (S)	35.19	0.00	0.30
	3 - R446	7.09	1.33	0.00

Demand (Veh/TS)

14:00 - 14:15

		To		
		1 - R148 (E)	2 - R148 (S)	3 - R446
From	1 - R148 (E)	0.00	54.69	11.82
	2 - R148 (S)	43.25	0.00	3.87
	3 - R446	8.51	0.16	0.00

Demand (Veh/TS)

14:15 - 14:30

		To		
		1 - R148 (E)	2 - R148 (S)	3 - R446
From	1 - R148 (E)	0.00	40.27	16.55
	2 - R148 (S)	26.22	0.00	1.50
	3 - R446	10.64	1.34	0.00

Demand (Veh/TS)

14:30 - 14:45

		To		
		1 - R148 (E)	2 - R148 (S)	3 - R446
From	1 - R148 (E)	0.00	37.90	14.89
	2 - R148 (S)	41.83	0.00	1.50
	3 - R446	8.75	0.16	0.00

Demand (Veh/TS)

14:45 - 15:00

		To		
		1 - R148 (E)	2 - R148 (S)	3 - R446
From	1 - R148 (E)	0.00	34.36	25.30
	2 - R148 (S)	48.68	0.00	0.32
	3 - R446	4.73	0.16	0.00

15:00 - 15:15

Demand (Veh/TS)

		To		
		1 - R148 (E)	2 - R148 (S)	3 - R446
From	1 - R148 (E)	0.00	45.89	21.52
	2 - R148 (S)	36.31	0.00	4.94
	3 - R446	8.28	1.55	0.00

15:15 - 15:30

Demand (Veh/TS)

		To		
		1 - R148 (E)	2 - R148 (S)	3 - R446
From	1 - R148 (E)	0.00	51.79	15.60
	2 - R148 (S)	44.59	0.00	3.76
	3 - R446	13.48	1.31	0.00

15:30 - 15:45

Demand (Veh/TS)

		To		
		1 - R148 (E)	2 - R148 (S)	3 - R446
From	1 - R148 (E)	0.00	41.16	17.97
	2 - R148 (S)	52.86	0.00	1.63
	3 - R446	11.82	1.31	0.00

15:45 - 16:00

Demand (Veh/TS)

		To		
		1 - R148 (E)	2 - R148 (S)	3 - R446
From	1 - R148 (E)	0.00	45.88	15.13
	2 - R148 (S)	59.96	0.00	5.18
	3 - R446	18.44	2.73	0.00

16:00 - 16:15

Demand (Veh/TS)

		To		
		1 - R148 (E)	2 - R148 (S)	3 - R446
From	1 - R148 (E)	0.00	61.67	18.44
	2 - R148 (S)	58.77	0.00	6.34
	3 - R446	11.82	1.28	0.00

16:15 - 16:30

Demand (Veh/TS)

		To		
		1 - R148 (E)	2 - R148 (S)	3 - R446
From	1 - R148 (E)	0.00	55.28	21.75
	2 - R148 (S)	54.98	0.00	9.89
	3 - R446	18.21	2.46	0.00

16:30 - 16:45

Demand (Veh/TS)

		To		
		1 - R148 (E)	2 - R148 (S)	3 - R446
From	1 - R148 (E)	0.00	55.28	28.85
	2 - R148 (S)	101.23	0.00	10.61
	3 - R446	17.97	2.46	0.00

16:45 - 17:00

Demand (Veh/TS)

		To		
		1 - R148 (E)	2 - R148 (S)	3 - R446
From	1 - R148 (E)	0.00	52.92	31.92
	2 - R148 (S)	82.55	0.00	9.19
	3 - R446	13.48	0.10	0.00

17:00 - 17:15

Demand (Veh/TS)

		To		
		1 - R148 (E)	2 - R148 (S)	3 - R446
From	1 - R148 (E)	0.00	56.11	26.48
	2 - R148 (S)	101.49	0.00	5.68
	3 - R446	15.37	1.45	0.00

17:15 - 17:30

Demand (Veh/TS)

		To		
		1 - R148 (E)	2 - R148 (S)	3 - R446
From	1 - R148 (E)	0.00	65.80	32.39
	2 - R148 (S)	105.98	0.00	5.92
	3 - R446	16.55	1.22	0.00

17:30 - 17:45

Demand (Veh/TS)

		To		
		1 - R148 (E)	2 - R148 (S)	3 - R446
From	1 - R148 (E)	0.00	58.00	29.79
	2 - R148 (S)	55.49	0.00	8.51
	3 - R446	10.64	0.03	0.00

17:45 - 18:00

Demand (Veh/TS)

		To		
		1 - R148 (E)	2 - R148 (S)	3 - R446
From	1 - R148 (E)	0.00	47.59	19.15
	2 - R148 (S)	46.97	0.00	6.15
	3 - R446	13.00	0.03	0.00

18:00 - 18:15

Demand (Veh/TS)

		To		
		1 - R148 (E)	2 - R148 (S)	3 - R446
From	1 - R148 (E)	0.00	56.42	29.79
	2 - R148 (S)	55.14	0.00	4.80
	3 - R446	13.00	0.07	0.00

18:15 - 18:30

Demand (Veh/TS)

		To		
		1 - R148 (E)	2 - R148 (S)	3 - R446
From	1 - R148 (E)	0.00	30.88	19.62
	2 - R148 (S)	40.00	0.00	2.43
	3 - R446	22.46	0.07	0.00

18:30 - 18:45

Demand (Veh/TS)

		To		
		1 - R148 (E)	2 - R148 (S)	3 - R446
From	1 - R148 (E)	0.00	56.89	19.15
	2 - R148 (S)	34.80	0.00	2.43
	3 - R446	12.06	1.25	0.00

18:45 - 19:00

Demand (Veh/TS)

		To		
		1 - R148 (E)	2 - R148 (S)	3 - R446
From	1 - R148 (E)	0.00	30.88	21.75
	2 - R148 (S)	45.20	0.00	0.07
	3 - R446	10.64	2.67	0.00

Vehicle Mix

07:00 - 07:15

Heavy Vehicle Percentages

		To		
		1 - R148 (E)	2 - R148 (S)	3 - R446
From	1 - R148 (E)	0	16	0
	2 - R148 (S)	16	0	100
	3 - R446	10	72	0

Heavy Vehicle Percentages

07:15 - 07:30

		To		
		1 - R148 (E)	2 - R148 (S)	3 - R446
From	1 - R148 (E)	0	33	29
	2 - R148 (S)	11	0	17
	3 - R446	26	4	0

Heavy Vehicle Percentages

07:30 - 07:45

		To		
		1 - R148 (E)	2 - R148 (S)	3 - R446
From	1 - R148 (E)	0	6	0
	2 - R148 (S)	15	0	100
	3 - R446	23	5	0

Heavy Vehicle Percentages

07:45 - 08:00

		To		
		1 - R148 (E)	2 - R148 (S)	3 - R446
From	1 - R148 (E)	0	10	29
	2 - R148 (S)	8	0	100
	3 - R446	17	5	0

Heavy Vehicle Percentages

08:00 - 08:15

		To		
		1 - R148 (E)	2 - R148 (S)	3 - R446
From	1 - R148 (E)	0	9	51
	2 - R148 (S)	0	0	10
	3 - R446	41	2	0

Heavy Vehicle Percentages

08:15 - 08:30

		To		
		1 - R148 (E)	2 - R148 (S)	3 - R446
From	1 - R148 (E)	0	5	31
	2 - R148 (S)	22	0	100
	3 - R446	0	24	0

Heavy Vehicle Percentages

08:30 - 08:45

		To		
		1 - R148 (E)	2 - R148 (S)	3 - R446
From	1 - R148 (E)	0	38	32
	2 - R148 (S)	11	0	10
	3 - R446	18	57	0

Heavy Vehicle Percentages

08:45 - 09:00

		To		
		1 - R148 (E)	2 - R148 (S)	3 - R446
From	1 - R148 (E)	0	23	0
	2 - R148 (S)	18	0	18
	3 - R446	8	4	0

09:00 - 09:15

Heavy Vehicle Percentages

		To		
		1 - R148 (E)	2 - R148 (S)	3 - R446
From	1 - R148 (E)	0	22	0
	2 - R148 (S)	19	0	100
	3 - R446	0	7	0

Heavy Vehicle Percentages

09:15 - 09:30

		To		
		1 - R148 (E)	2 - R148 (S)	3 - R446
From	1 - R148 (E)	0	16	37
	2 - R148 (S)	31	0	59
	3 - R446	11	7	0

Heavy Vehicle Percentages

09:30 - 09:45

		To		
		1 - R148 (E)	2 - R148 (S)	3 - R446
From	1 - R148 (E)	0	13	23
	2 - R148 (S)	27	0	20
	3 - R446	0	100	0

Heavy Vehicle Percentages

09:45 - 10:00

		To		
		1 - R148 (E)	2 - R148 (S)	3 - R446
From	1 - R148 (E)	0	13	0
	2 - R148 (S)	21	0	100
	3 - R446	13	100	0

Heavy Vehicle Percentages

10:00 - 10:15

		To		
		1 - R148 (E)	2 - R148 (S)	3 - R446
From	1 - R148 (E)	0	21	0
	2 - R148 (S)	5	0	17
	3 - R446	0	100	0

Heavy Vehicle Percentages

10:15 - 10:30

		To		
		1 - R148 (E)	2 - R148 (S)	3 - R446
From	1 - R148 (E)	0	16	0
	2 - R148 (S)	17	0	17
	3 - R446	35	5	0

Heavy Vehicle Percentages

10:30 - 10:45

		To		
		1 - R148 (E)	2 - R148 (S)	3 - R446
From	1 - R148 (E)	0	37	12
	2 - R148 (S)	30	0	6
	3 - R446	0	9	0

Heavy Vehicle Percentages

10:45 - 11:00

		To		
		1 - R148 (E)	2 - R148 (S)	3 - R446
From	1 - R148 (E)	0	18	29
	2 - R148 (S)	23	0	17
	3 - R446	0	5	0

11:00 - 11:15

Heavy Vehicle Percentages

		To		
		1 - R148 (E)	2 - R148 (S)	3 - R446
From	1 - R148 (E)	0	30	32
	2 - R148 (S)	40	0	100
	3 - R446	0	100	0

Heavy Vehicle Percentages

11:15 - 11:30

		To		
		1 - R148 (E)	2 - R148 (S)	3 - R446
From	1 - R148 (E)	0	35	23
	2 - R148 (S)	36	0	16
	3 - R446	17	100	0

Heavy Vehicle Percentages

11:30 - 11:45

		To		
		1 - R148 (E)	2 - R148 (S)	3 - R446
From	1 - R148 (E)	0	27	0
	2 - R148 (S)	46	0	100
	3 - R446	0	100	0

Heavy Vehicle Percentages

11:45 - 12:00

		To		
		1 - R148 (E)	2 - R148 (S)	3 - R446
From	1 - R148 (E)	0	26	31
	2 - R148 (S)	29	0	100
	3 - R446	0	100	0

Heavy Vehicle Percentages

12:00 - 12:15

		To		
		1 - R148 (E)	2 - R148 (S)	3 - R446
From	1 - R148 (E)	0	15	10
	2 - R148 (S)	33	0	100
	3 - R446	12	7	0

Heavy Vehicle Percentages

12:15 - 12:30

		To		
		1 - R148 (E)	2 - R148 (S)	3 - R446
From	1 - R148 (E)	0	28	13
	2 - R148 (S)	42	0	8
	3 - R446	0	7	0

Heavy Vehicle Percentages

12:30 - 12:45

		To		
		1 - R148 (E)	2 - R148 (S)	3 - R446
From	1 - R148 (E)	0	29	13
	2 - R148 (S)	36	0	16
	3 - R446	15	100	0

Heavy Vehicle Percentages

12:45 - 13:00

		To		
		1 - R148 (E)	2 - R148 (S)	3 - R446
From	1 - R148 (E)	0	23	0
	2 - R148 (S)	27	0	16
	3 - R446	15	7	0

13:00 - 13:15

Heavy Vehicle Percentages

		To		
		1 - R148 (E)	2 - R148 (S)	3 - R446
From	1 - R148 (E)	0	35	13
	2 - R148 (S)	21	0	20
	3 - R446	11	100	0

Heavy Vehicle Percentages

13:15 - 13:30

		To		
		1 - R148 (E)	2 - R148 (S)	3 - R446
From	1 - R148 (E)	0	1	0
	2 - R148 (S)	26	0	20
	3 - R446	29	6	0

Heavy Vehicle Percentages

13:30 - 13:45

		To		
		1 - R148 (E)	2 - R148 (S)	3 - R446
From	1 - R148 (E)	0	13	0
	2 - R148 (S)	11	0	100
	3 - R446	0	11	0

Heavy Vehicle Percentages

13:45 - 14:00

		To		
		1 - R148 (E)	2 - R148 (S)	3 - R446
From	1 - R148 (E)	0	15	9
	2 - R148 (S)	13	0	100
	3 - R446	0	11	0

Heavy Vehicle Percentages

14:00 - 14:15

		To		
		1 - R148 (E)	2 - R148 (S)	3 - R446
From	1 - R148 (E)	0	39	0
	2 - R148 (S)	7	0	8
	3 - R446	17	100	0

Heavy Vehicle Percentages

14:15 - 14:30

		To		
		1 - R148 (E)	2 - R148 (S)	3 - R446
From	1 - R148 (E)	0	15	0
	2 - R148 (S)	28	0	21
	3 - R446	0	12	0

Heavy Vehicle Percentages

14:30 - 14:45

		To		
		1 - R148 (E)	2 - R148 (S)	3 - R446
From	1 - R148 (E)	0	34	29
	2 - R148 (S)	21	0	21
	3 - R446	32	100	0

Heavy Vehicle Percentages

14:45 - 15:00

		To		
		1 - R148 (E)	2 - R148 (S)	3 - R446
From	1 - R148 (E)	0	17	11
	2 - R148 (S)	15	0	100
	3 - R446	0	100	0

15:00 - 15:15

Heavy Vehicle Percentages

		To		
		1 - R148 (E)	2 - R148 (S)	3 - R446
From	1 - R148 (E)	0	10	7
	2 - R148 (S)	32	0	4
	3 - R446	0	100	0

Heavy Vehicle Percentages

15:15 - 15:30

		To		
		1 - R148 (E)	2 - R148 (S)	3 - R446
From	1 - R148 (E)	0	22	9
	2 - R148 (S)	10	0	6
	3 - R446	21	10	0

Heavy Vehicle Percentages

15:30 - 15:45

		To		
		1 - R148 (E)	2 - R148 (S)	3 - R446
From	1 - R148 (E)	0	11	8
	2 - R148 (S)	22	0	100
	3 - R446	0	10	0

Heavy Vehicle Percentages

15:45 - 16:00

		To		
		1 - R148 (E)	2 - R148 (S)	3 - R446
From	1 - R148 (E)	0	25	37
	2 - R148 (S)	19	0	31
	3 - R446	62	57	0

Heavy Vehicle Percentages

16:00 - 16:15

		To		
		1 - R148 (E)	2 - R148 (S)	3 - R446
From	1 - R148 (E)	0	23	23
	2 - R148 (S)	7	0	25
	3 - R446	0	8	0

Heavy Vehicle Percentages

16:15 - 16:30

		To		
		1 - R148 (E)	2 - R148 (S)	3 - R446
From	1 - R148 (E)	0	21	13
	2 - R148 (S)	18	0	16
	3 - R446	16	4	0

Heavy Vehicle Percentages

16:30 - 16:45

		To		
		1 - R148 (E)	2 - R148 (S)	3 - R446
From	1 - R148 (E)	0	21	10
	2 - R148 (S)	10	0	15
	3 - R446	8	4	0

Heavy Vehicle Percentages

16:45 - 17:00

		To		
		1 - R148 (E)	2 - R148 (S)	3 - R446
From	1 - R148 (E)	0	8	0
	2 - R148 (S)	5	0	2
	3 - R446	21	100	0

17:00 - 17:15

Heavy Vehicle Percentages

		To		
		1 - R148 (E)	2 - R148 (S)	3 - R446
From	1 - R148 (E)	0	5	11
	2 - R148 (S)	11	0	4
	3 - R446	0	100	0

Heavy Vehicle Percentages

17:15 - 17:30

		To		
		1 - R148 (E)	2 - R148 (S)	3 - R446
From	1 - R148 (E)	0	7	9
	2 - R148 (S)	10	0	28
	3 - R446	0	3	0

Heavy Vehicle Percentages

17:30 - 17:45

		To		
		1 - R148 (E)	2 - R148 (S)	3 - R446
From	1 - R148 (E)	0	0	5
	2 - R148 (S)	11	0	3
	3 - R446	0	100	0

Heavy Vehicle Percentages

17:45 - 18:00

		To		
		1 - R148 (E)	2 - R148 (S)	3 - R446
From	1 - R148 (E)	0	3	7
	2 - R148 (S)	9	0	4
	3 - R446	0	100	0

Heavy Vehicle Percentages

18:00 - 18:15

		To		
		1 - R148 (E)	2 - R148 (S)	3 - R446
From	1 - R148 (E)	0	8	5
	2 - R148 (S)	8	0	1
	3 - R446	0	100	0

Heavy Vehicle Percentages

18:15 - 18:30

		To		
		1 - R148 (E)	2 - R148 (S)	3 - R446
From	1 - R148 (E)	0	0	22
	2 - R148 (S)	14	0	3
	3 - R446	0	100	0

Heavy Vehicle Percentages

18:30 - 18:45

		To		
		1 - R148 (E)	2 - R148 (S)	3 - R446
From	1 - R148 (E)	0	0	7
	2 - R148 (S)	8	0	3
	3 - R446	12	6	0

Heavy Vehicle Percentages

18:45 - 19:00

		To		
		1 - R148 (E)	2 - R148 (S)	3 - R446
From	1 - R148 (E)	0	0	13
	2 - R148 (S)	19	0	100
	3 - R446	0	56	0

Results

Results Summary for whole modelled period

Arm	Max RFC	Max Delay (s)	Max Queue (Veh)	Max LOS	Average Demand (Veh/TS)	Total Junction Arrivals (Veh)
1 - R148 (E)	0.32	3.31	0.5	A	62.53	3001.40
2 - R148 (S)	0.32	3.84	0.4	A	48.88	2346.43
3 - R446	0.10	4.70	0.2	A	13.53	649.27

Main Results for each time segment

07:00 - 07:15

Arm	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Circulating flow (Veh/TS)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Throughput (exit side) (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
1 - R148 (E)	40.39	40.39	4.22	389.14	0.104	40.27	41.17	0.0	0.1	2.580	A
2 - R148 (S)	27.13	27.13	2.36	349.31	0.078	27.05	42.14	0.0	0.1	2.792	A
3 - R446	18.66	18.66	26.80	294.15	0.063	18.59	2.61	0.0	0.1	3.266	A

07:15 - 07:30

Arm	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Circulating flow (Veh/TS)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Throughput (exit side) (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
1 - R148 (E)	57.88	57.88	4.94	338.91	0.171	57.79	49.79	0.1	0.2	3.201	A
2 - R148 (S)	40.14	40.14	4.95	364.56	0.110	40.09	57.78	0.1	0.1	2.773	A
3 - R446	16.06	16.06	38.67	300.50	0.053	16.07	6.38	0.1	0.1	3.163	A

07:30 - 07:45

Arm	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Circulating flow (Veh/TS)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Throughput (exit side) (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
1 - R148 (E)	112.43	112.43	4.01	426.44	0.264	112.27	68.18	0.2	0.4	2.863	A
2 - R148 (S)	50.06	50.06	5.91	354.22	0.141	50.02	110.37	0.1	0.2	2.958	A
3 - R446	22.45	22.45	49.77	291.71	0.077	22.42	6.16	0.1	0.1	3.341	A

07:45 - 08:00

Arm	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Circulating flow (Veh/TS)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Throughput (exit side) (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
1 - R148 (E)	131.58	131.58	4.01	404.95	0.325	131.46	61.44	0.4	0.5	3.288	A
2 - R148 (S)	53.14	53.14	9.91	370.60	0.143	53.14	125.56	0.2	0.2	2.834	A
3 - R446	12.52	12.52	52.89	309.11	0.040	12.56	10.16	0.1	0.0	3.036	A

08:00 - 08:15

Arm	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Circulating flow (Veh/TS)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Throughput (exit side) (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
1 - R148 (E)	118.90	118.90	7.47	390.92	0.304	118.95	61.41	0.5	0.4	3.308	A
2 - R148 (S)	50.09	50.09	16.76	392.18	0.128	50.11	109.65	0.2	0.1	2.632	A
3 - R446	21.43	21.43	47.49	279.40	0.077	21.39	19.37	0.0	0.1	3.487	A

08:15 - 08:30

Arm	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Circulating flow (Veh/TS)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Throughput (exit side) (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
1 - R148 (E)	103.30	103.30	6.54	412.22	0.251	103.41	63.50	0.4	0.3	2.914	A
2 - R148 (S)	51.98	51.98	13.73	326.28	0.159	51.93	96.22	0.1	0.2	3.280	A
3 - R446	18.36	18.36	51.66	318.82	0.058	18.38	13.99	0.1	0.1	2.995	A

08:30 - 08:45

Arm	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Circulating flow (Veh/TS)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Throughput (exit side) (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
1 - R148 (E)	54.43	54.43	2.76	328.63	0.166	54.55	67.79	0.3	0.2	3.287	A
2 - R148 (S)	54.58	54.58	8.76	363.06	0.150	54.58	48.54	0.2	0.2	2.917	A
3 - R446	18.59	18.59	51.97	282.56	0.066	18.58	11.37	0.1	0.1	3.408	A

08:45 - 09:00

Arm	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Circulating flow (Veh/TS)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Throughput (exit side) (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
1 - R148 (E)	52.78	52.78	3.69	376.87	0.140	52.81	71.79	0.2	0.2	2.779	A
2 - R148 (S)	56.47	56.47	8.28	343.01	0.165	56.45	48.22	0.2	0.2	3.140	A
3 - R446	20.48	20.48	55.00	320.48	0.064	20.48	9.73	0.1	0.1	2.999	A

09:00 - 09:15

Arm	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Circulating flow (Veh/TS)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Throughput (exit side) (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
1 - R148 (E)	35.58	35.58	2.55	385.46	0.092	35.65	32.03	0.2	0.1	2.574	A
2 - R148 (S)	30.99	30.99	8.28	338.55	0.092	31.09	29.92	0.2	0.1	2.927	A
3 - R446	3.73	3.73	30.79	345.03	0.011	3.79	8.58	0.1	0.0	2.637	A

09:15 - 09:30

Arm	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Circulating flow (Veh/TS)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Throughput (exit side) (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
1 - R148 (E)	33.22	33.22	2.54	381.53	0.087	33.22	64.36	0.1	0.1	2.585	A
2 - R148 (S)	54.16	54.16	3.79	308.15	0.176	54.05	31.97	0.1	0.2	3.539	A
3 - R446	15.79	15.79	51.16	312.53	0.051	15.74	6.68	0.0	0.1	3.032	A

09:30 - 09:45

Arm	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Circulating flow (Veh/TS)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Throughput (exit side) (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
1 - R148 (E)	48.82	48.82	1.60	390.87	0.125	48.78	50.62	0.1	0.1	2.630	A
2 - R148 (S)	43.76	43.76	12.27	316.21	0.138	43.81	38.11	0.2	0.2	3.303	A
3 - R446	9.87	9.87	42.32	302.73	0.033	9.89	13.75	0.1	0.0	3.072	A

09:45 - 10:00

Arm	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Circulating flow (Veh/TS)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Throughput (exit side) (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
1 - R148 (E)	49.54	49.54	0.18	413.69	0.120	49.54	45.39	0.1	0.1	2.471	A
2 - R148 (S)	34.78	34.78	15.36	329.66	0.105	34.82	34.36	0.2	0.1	3.052	A
3 - R446	11.06	11.06	34.52	313.28	0.035	11.05	15.66	0.0	0.0	2.977	A

10:00 - 10:15

Arm	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Circulating flow (Veh/TS)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Throughput (exit side) (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
1 - R148 (E)	39.24	39.24	1.53	379.91	0.103	39.26	38.27	0.1	0.1	2.641	A
2 - R148 (S)	34.93	34.93	4.76	387.48	0.090	34.94	36.03	0.1	0.1	2.552	A
3 - R446	6.26	6.26	33.52	291.37	0.022	6.28	6.18	0.0	0.0	3.156	A

10:15 - 10:30

Arm	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Circulating flow (Veh/TS)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Throughput (exit side) (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
1 - R148 (E)	47.51	47.51	2.48	390.70	0.122	47.49	50.46	0.1	0.1	2.621	A
2 - R148 (S)	35.63	35.63	2.37	349.85	0.102	35.62	47.59	0.1	0.1	2.863	A
3 - R446	18.79	18.79	34.19	275.00	0.068	18.74	3.80	0.0	0.1	3.511	A

10:30 - 10:45

Arm	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Circulating flow (Veh/TS)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Throughput (exit side) (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
1 - R148 (E)	58.85	58.85	1.30	343.00	0.172	58.78	42.03	0.1	0.2	3.166	A
2 - R148 (S)	37.52	37.52	12.02	315.91	0.119	37.50	48.06	0.1	0.1	3.232	A
3 - R446	9.57	9.57	33.72	352.21	0.027	9.61	15.80	0.1	0.0	2.626	A

10:45 - 11:00

Arm	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Circulating flow (Veh/TS)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Throughput (exit side) (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
1 - R148 (E)	38.05	38.05	2.47	377.91	0.101	38.14	51.21	0.2	0.1	2.649	A
2 - R148 (S)	38.47	38.47	4.99	330.39	0.116	38.47	35.62	0.1	0.1	3.082	A
3 - R446	16.67	16.67	37.04	353.89	0.047	16.64	6.42	0.0	0.0	2.668	A

11:00 - 11:15

Arm	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Circulating flow (Veh/TS)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Throughput (exit side) (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
1 - R148 (E)	52.48	52.48	0.12	347.59	0.151	52.41	33.76	0.1	0.2	3.049	A
2 - R148 (S)	25.66	25.66	8.73	288.47	0.089	25.69	43.80	0.1	0.1	3.427	A
3 - R446	8.39	8.39	25.47	357.02	0.024	8.42	8.95	0.0	0.0	2.583	A

11:15 - 11:30

Arm	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Circulating flow (Veh/TS)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Throughput (exit side) (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
1 - R148 (E)	59.10	59.10	0.12	337.66	0.175	59.06	44.79	0.2	0.2	3.230	A
2 - R148 (S)	29.20	29.20	6.16	300.39	0.097	29.19	53.03	0.1	0.1	3.317	A
3 - R446	17.14	17.14	27.80	307.83	0.056	17.11	7.55	0.0	0.1	3.095	A

11:30 - 11:45

Arm	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Circulating flow (Veh/TS)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Throughput (exit side) (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
1 - R148 (E)	36.88	36.88	0.12	377.09	0.098	36.97	43.15	0.2	0.1	2.648	A
2 - R148 (S)	38.89	38.89	9.44	273.23	0.142	38.83	27.65	0.1	0.2	3.838	A
3 - R446	6.03	6.03	37.20	344.05	0.018	6.07	11.08	0.1	0.0	2.664	A

11:45 - 12:00

Arm	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Circulating flow (Veh/TS)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Throughput (exit side) (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
1 - R148 (E)	42.32	42.32	0.12	355.25	0.119	42.29	47.91	0.1	0.1	2.875	A
2 - R148 (S)	35.11	35.11	13.70	309.22	0.113	35.15	28.71	0.2	0.1	3.283	A
3 - R446	13.12	13.12	34.92	353.52	0.037	13.10	13.92	0.0	0.0	2.643	A

12:00 - 12:15

Arm	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Circulating flow (Veh/TS)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Throughput (exit side) (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
1 - R148 (E)	44.86	44.86	1.26	399.42	0.112	44.87	47.19	0.1	0.1	2.539	A
2 - R148 (S)	35.35	35.35	14.42	301.56	0.117	35.35	31.70	0.1	0.1	3.380	A
3 - R446	13.33	13.33	35.13	319.69	0.042	13.32	14.64	0.0	0.0	2.937	A

12:15 - 12:30

Arm	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Circulating flow (Veh/TS)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Throughput (exit side) (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
1 - R148 (E)	42.02	42.02	1.27	364.24	0.115	42.02	30.23	0.1	0.1	2.792	A
2 - R148 (S)	26.84	26.84	10.88	291.62	0.092	26.86	32.40	0.1	0.1	3.398	A
3 - R446	7.18	7.18	24.30	358.23	0.020	7.20	13.45	0.0	0.0	2.563	A

12:30 - 12:45

Arm	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Circulating flow (Veh/TS)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Throughput (exit side) (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
1 - R148 (E)	40.84	40.84	0.09	362.71	0.113	40.84	49.95	0.1	0.1	2.795	A
2 - R148 (S)	41.73	41.73	10.88	299.20	0.139	41.67	30.05	0.1	0.2	3.494	A
3 - R446	9.78	9.78	40.27	304.40	0.032	9.77	12.28	0.0	0.0	3.054	A

12:45 - 13:00

Arm	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Circulating flow (Veh/TS)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Throughput (exit side) (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
1 - R148 (E)	37.77	37.77	1.26	391.01	0.097	37.78	42.03	0.1	0.1	2.547	A
2 - R148 (S)	33.70	33.70	11.82	319.53	0.105	33.74	27.23	0.2	0.1	3.151	A
3 - R446	10.96	10.96	32.34	315.56	0.035	10.96	13.22	0.0	0.0	2.954	A

13:00 - 13:15

Arm	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Circulating flow (Veh/TS)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Throughput (exit side) (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
1 - R148 (E)	43.78	43.78	0.15	348.58	0.126	43.75	47.71	0.1	0.1	2.952	A
2 - R148 (S)	35.97	35.97	10.87	333.11	0.108	35.96	33.02	0.1	0.1	3.028	A
3 - R446	13.38	13.38	34.48	321.04	0.042	13.38	12.36	0.0	0.0	2.924	A

13:15 - 13:30

Arm	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Circulating flow (Veh/TS)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Throughput (exit side) (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
1 - R148 (E)	52.30	52.30	2.49	447.91	0.117	52.30	49.59	0.1	0.1	2.276	A
2 - R148 (S)	41.17	41.17	7.11	324.43	0.127	41.14	47.68	0.1	0.1	3.176	A
3 - R446	12.44	12.44	39.66	285.48	0.044	12.43	8.60	0.0	0.0	3.295	A

13:30 - 13:45

Arm	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Circulating flow (Veh/TS)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Throughput (exit side) (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
1 - R148 (E)	53.25	53.25	1.33	406.24	0.131	53.23	48.22	0.1	0.2	2.549	A
2 - R148 (S)	42.59	42.59	7.09	365.54	0.116	42.60	47.47	0.1	0.1	2.786	A
3 - R446	7.24	7.24	42.29	348.18	0.021	7.26	7.40	0.0	0.0	2.639	A

13:45 - 14:00

Arm	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Circulating flow (Veh/TS)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Throughput (exit side) (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
1 - R148 (E)	55.85	55.85	1.33	398.94	0.140	55.84	42.31	0.2	0.2	2.622	A
2 - R148 (S)	35.50	35.50	15.58	353.36	0.100	35.52	41.58	0.1	0.1	2.831	A
3 - R446	8.42	8.42	35.21	353.73	0.024	8.42	15.88	0.0	0.0	2.605	A

14:00 - 14:15

Arm	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Circulating flow (Veh/TS)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Throughput (exit side) (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
1 - R148 (E)	66.51	66.51	0.16	341.61	0.195	66.43	51.73	0.2	0.2	3.270	A
2 - R148 (S)	47.12	47.12	11.83	376.69	0.125	47.08	54.77	0.1	0.1	2.730	A
3 - R446	8.67	8.67	43.23	301.25	0.029	8.66	15.68	0.0	0.0	3.075	A

14:15 - 14:30

Arm	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Circulating flow (Veh/TS)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Throughput (exit side) (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
1 - R148 (E)	56.82	56.82	1.34	408.17	0.139	56.90	36.90	0.2	0.2	2.564	A
2 - R148 (S)	27.72	27.72	16.55	314.68	0.088	27.77	41.69	0.1	0.1	3.136	A
3 - R446	11.98	11.98	26.26	358.29	0.033	11.97	18.06	0.0	0.0	2.598	A

14:30 - 14:45

Arm	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Circulating flow (Veh/TS)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Throughput (exit side) (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
1 - R148 (E)	52.80	52.80	0.16	340.68	0.155	52.77	50.51	0.2	0.2	3.125	A
2 - R148 (S)	43.33	43.33	14.89	330.40	0.131	43.28	38.05	0.1	0.2	3.134	A
3 - R446	8.91	8.91	41.77	264.75	0.034	8.90	16.39	0.0	0.0	3.516	A

14:45 - 15:00

Arm	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Circulating flow (Veh/TS)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Throughput (exit side) (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
1 - R148 (E)	59.66	59.66	0.16	393.81	0.151	59.66	53.41	0.2	0.2	2.692	A
2 - R148 (S)	49.01	49.01	25.27	340.93	0.144	48.99	34.55	0.2	0.2	3.082	A
3 - R446	4.89	4.89	48.66	338.42	0.014	4.91	25.59	0.0	0.0	2.700	A

15:00 - 15:15

Arm	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Circulating flow (Veh/TS)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Throughput (exit side) (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
1 - R148 (E)	67.40	67.40	1.54	414.10	0.163	67.39	44.60	0.2	0.2	2.595	A
2 - R148 (S)	41.25	41.25	21.53	309.39	0.133	41.25	47.40	0.2	0.2	3.356	A
3 - R446	9.82	9.82	36.34	306.87	0.032	9.80	26.44	0.0	0.0	3.029	A

15:15 - 15:30

Arm	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Circulating flow (Veh/TS)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Throughput (exit side) (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
1 - R148 (E)	67.40	67.40	1.31	378.61	0.178	67.38	58.04	0.2	0.2	2.891	A
2 - R148 (S)	48.35	48.35	15.62	365.56	0.132	48.35	53.07	0.2	0.2	2.836	A
3 - R446	14.79	14.79	44.58	295.31	0.050	14.77	19.38	0.0	0.1	3.207	A

15:30 - 15:45

Arm	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Circulating flow (Veh/TS)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Throughput (exit side) (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
1 - R148 (E)	59.13	59.13	1.31	410.35	0.144	59.17	64.64	0.2	0.2	2.562	A
2 - R148 (S)	54.49	54.49	17.97	321.89	0.169	54.44	42.52	0.2	0.2	3.364	A
3 - R446	13.13	13.13	52.81	342.02	0.038	13.14	19.60	0.1	0.0	2.736	A

15:45 - 16:00

Arm	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Circulating flow (Veh/TS)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Throughput (exit side) (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
1 - R148 (E)	61.01	61.01	2.72	350.73	0.174	60.97	78.30	0.2	0.2	3.105	A
2 - R148 (S)	65.13	65.13	15.13	331.59	0.196	65.09	48.56	0.2	0.2	3.376	A
3 - R446	21.16	21.16	59.93	212.38	0.100	21.09	20.28	0.0	0.1	4.704	A

16:00 - 16:15

Arm	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Circulating flow (Veh/TS)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Throughput (exit side) (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
1 - R148 (E)	80.11	80.11	1.29	366.38	0.219	80.04	70.64	0.2	0.3	3.143	A
2 - R148 (S)	65.11	65.11	18.43	363.62	0.179	65.14	62.90	0.2	0.2	3.014	A
3 - R446	13.10	13.10	58.79	340.94	0.038	13.14	24.77	0.1	0.0	2.745	A

16:15 - 16:30

Arm	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Circulating flow (Veh/TS)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Throughput (exit side) (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
1 - R148 (E)	77.03	77.03	2.46	379.94	0.203	77.06	73.15	0.3	0.3	2.973	A
2 - R148 (S)	64.87	64.87	21.74	335.82	0.193	64.85	57.77	0.2	0.2	3.320	A
3 - R446	20.67	20.67	54.98	302.36	0.068	20.64	31.62	0.0	0.1	3.194	A

16:30 - 16:45

Arm	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Circulating flow (Veh/TS)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Throughput (exit side) (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
1 - R148 (E)	84.13	84.13	2.46	385.08	0.218	84.10	118.98	0.3	0.3	2.989	A
2 - R148 (S)	111.84	111.84	28.82	354.84	0.315	111.62	57.75	0.2	0.5	3.696	A
3 - R446	20.43	20.43	101.01	296.67	0.069	20.43	39.42	0.1	0.1	3.257	A

16:45 - 17:00

Arm	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Circulating flow (Veh/TS)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Throughput (exit side) (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
1 - R148 (E)	84.84	84.84	0.10	429.66	0.197	84.87	96.16	0.3	0.2	2.612	A
2 - R148 (S)	91.74	91.74	31.92	373.04	0.246	91.87	53.05	0.5	0.3	3.201	A
3 - R446	13.58	13.58	82.67	273.53	0.050	13.59	41.12	0.1	0.1	3.461	A

17:00 - 17:15

Arm	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Circulating flow (Veh/TS)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Throughput (exit side) (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
1 - R148 (E)	82.59	82.59	1.45	421.42	0.196	82.59	116.74	0.2	0.2	2.655	A
2 - R148 (S)	107.17	107.17	26.49	354.56	0.302	107.07	57.54	0.3	0.4	3.634	A
3 - R446	16.82	16.82	101.38	292.39	0.058	16.81	32.19	0.1	0.1	3.265	A

17:15 - 17:30

Arm	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Circulating flow (Veh/TS)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Throughput (exit side) (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
1 - R148 (E)	98.19	98.19	1.22	421.03	0.233	98.13	122.50	0.2	0.3	2.787	A
2 - R148 (S)	111.90	111.90	32.37	352.81	0.317	111.87	66.98	0.4	0.5	3.734	A
3 - R446	17.77	17.77	105.95	315.23	0.056	17.77	38.29	0.1	0.1	3.024	A

17:30 - 17:45

Arm	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Circulating flow (Veh/TS)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Throughput (exit side) (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
1 - R148 (E)	87.79	87.79	0.04	444.84	0.197	87.85	66.40	0.3	0.2	2.520	A
2 - R148 (S)	64.00	64.00	29.81	358.16	0.179	64.23	58.08	0.5	0.2	3.066	A
3 - R446	10.67	10.67	55.73	346.02	0.031	10.70	38.31	0.1	0.0	2.685	A

17:45 - 18:00

Arm	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Circulating flow (Veh/TS)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Throughput (exit side) (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
1 - R148 (E)	66.75	66.75	0.03	433.64	0.154	66.81	60.01	0.2	0.2	2.453	A
2 - R148 (S)	53.12	53.12	19.18	366.45	0.145	53.17	47.66	0.2	0.2	2.874	A
3 - R446	13.04	13.04	47.01	352.10	0.037	13.03	25.34	0.0	0.0	2.653	A

18:00 - 18:15

Arm	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Circulating flow (Veh/TS)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Throughput (exit side) (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
1 - R148 (E)	86.21	86.21	0.07	423.85	0.203	86.13	68.11	0.2	0.3	2.665	A
2 - R148 (S)	59.93	59.93	29.76	365.58	0.164	59.91	56.45	0.2	0.2	2.943	A
3 - R446	13.08	13.08	55.11	346.54	0.038	13.08	34.56	0.0	0.0	2.698	A

18:15 - 18:30

Arm	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Circulating flow (Veh/TS)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Throughput (exit side) (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
1 - R148 (E)	50.50	50.50	0.07	416.25	0.121	50.62	62.49	0.3	0.1	2.461	A
2 - R148 (S)	42.43	42.43	19.66	349.08	0.122	42.49	31.04	0.2	0.1	2.937	A
3 - R446	22.53	22.53	40.05	355.15	0.063	22.51	22.10	0.0	0.1	2.705	A

18:30 - 18:45

Arm	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Circulating flow (Veh/TS)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Throughput (exit side) (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
1 - R148 (E)	76.04	76.04	1.25	442.56	0.172	75.98	46.91	0.1	0.2	2.455	A
2 - R148 (S)	37.23	37.23	19.16	369.23	0.101	37.26	58.07	0.1	0.1	2.710	A
3 - R446	13.31	13.31	34.83	324.59	0.041	13.33	21.59	0.1	0.0	2.893	A

18:45 - 19:00

Arm	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Circulating flow (Veh/TS)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Throughput (exit side) (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
1 - R148 (E)	52.63	52.63	2.67	425.88	0.124	52.70	55.80	0.2	0.1	2.413	A
2 - R148 (S)	45.27	45.27	21.75	332.85	0.136	45.22	33.62	0.1	0.2	3.128	A
3 - R446	13.31	13.31	45.15	316.39	0.042	13.31	21.82	0.0	0.0	2.968	A