



**Environmental Impact Assessment  
(‘EIAR’) Volume 3 – Appendix 13**

**Part 3**

**Continuance of Use & Extension to  
Ballyburn Pit**

On behalf of

**Dan Morrissey & Co. (Plazamount Ltd)**

**Ballyburn Upper, Gortenvacan,  
Knockbane, Castledermot, Co.  
Kildare**



MALONE O'REGAN

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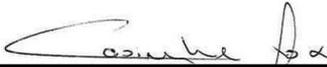


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**Title: Environmental Impact Assessment ('EIAR') Volume 3 – Appendix 13 Part 1, Continuance of Use & Extension to Ballyburn Pit, Dan Morrissey & Co. (Plazamount Ltd), Ballyburn Upper, Gorteenvacan, Knockbane, Castledermot, Co. Kildare**

**Job Number: E2122**

**Prepared By: Caoimhe Fox**

**Signed:** 

**Checked By: David Dwyer**

**Signed:** 

**Approved By: Kenneth Goodwin**

**Signed:** 

**Revision Record**

Issue No.	Date	Description	Remark	Prepared	Checked	Approved
01	13/11/24	Report	FINAL	CF	DD	KG

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**Environmental Impact Assessment ('EIA') Volume 3 – Appendix 13 Part 1**  
**Continuance of Use & Extension to Ballyburn Pit**  
**Dan Morrissey & Co. (Plazamount Ltd)**  
**Ballyburn Upper, Gorteenvacan, Knockbane, Castledermot, Co. Kildare**

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**APPENDICES**

**APPENDIX 13**

Appendix 13-3: Traffic and Transport Assessment Appendix D1 – Part 2

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## Appendix D – Junctions 9 Outputs D1 - Part 2

# opening yr +5 + dev+ adj, 12hrs

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## Data Errors and Warnings

No errors or warnings

## Junction Network

### Junctions

Junction	Name	Junction type	Major road direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	L4012 & L8092 Crossroad	Crossroads	Two-way		5.09	A

### Junction Network Options

Driving side	Lighting
Left	Normal/unknown

## Traffic Demand

### Demand Set Details

ID	Scenario name	Time Period name	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time period length (min)	Time segment length (min)	Run automatically	Relationship type	Relationship
D8	opening yr +5 + dev+ adj	12hrs	DIRECT	07:00	19:00	720	15	✓	Simple	D5 + D3 + D4

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 - L4012 N		DIRECT	✓	100.000
B - L8092 E		DIRECT	✓	100.000
C - L4012 S		DIRECT	✓	100.000
D - Site Access		DIRECT	✓	100.000

## Origin-Destination Data

### Demand (Veh/TS)

		To				
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access	
07:00 - 07:15	From	A - L4012 N	0.00	1.12	2.25	3.20
		B - L8092 E	1.12	0.00	0.00	0.00
		C - L4012 S	4.50	0.00	0.00	0.00
		D - Site Access	1.86	0.00	0.00	0.00

### Demand (Veh/TS)

		To				
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access	
07:15 - 07:30	From	A - L4012 N	0.00	0.00	2.25	3.20
		B - L8092 E	1.25	0.00	0.00	0.00
		C - L4012 S	4.50	0.00	0.00	0.00
		D - Site Access	1.86	0.00	0.00	0.00

### Demand (Veh/TS)

		To				
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access	
07:30 - 07:45	From	A - L4012 N	0.00	1.12	1.12	3.20
		B - L8092 E	3.37	0.00	0.00	0.00
		C - L4012 S	7.87	0.00	0.00	0.00
		D - Site Access	1.86	0.00	0.00	0.00

**Demand (Veh/TS)**

07:45 - 08:00

		To			
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access
From	A - L4012 N	0.00	1.12	2.25	3.20
	B - L8092 E	1.12	0.00	0.00	0.00
	C - L4012 S	2.25	0.00	0.00	0.00
	D - Site Access	1.86	0.00	0.00	0.00

**Demand (Veh/TS)**

08:00 - 08:15

		To			
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access
From	A - L4012 N	0.00	1.12	1.25	4.15
	B - L8092 E	0.00	0.00	0.00	0.00
	C - L4012 S	5.62	1.12	0.00	0.00
	D - Site Access	1.96	0.00	0.00	0.00

**Demand (Veh/TS)**

08:15 - 08:30

		To			
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access
From	A - L4012 N	0.00	0.00	3.37	4.15
	B - L8092 E	1.12	0.00	0.00	0.00
	C - L4012 S	6.87	0.00	0.00	0.00
	D - Site Access	1.96	0.00	0.00	0.00

**Demand (Veh/TS)**

08:30 - 08:45

		To			
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access
From	A - L4012 N	0.00	0.00	6.75	4.15
	B - L8092 E	1.12	0.00	1.12	0.00
	C - L4012 S	7.87	0.00	0.00	0.00
	D - Site Access	1.96	0.00	0.00	0.00

**Demand (Veh/TS)**

08:45 - 09:00

		To			
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access
From	A - L4012 N	0.00	2.25	3.37	4.15
	B - L8092 E	4.62	0.00	0.00	0.00
	C - L4012 S	6.75	1.12	0.00	0.00
	D - Site Access	1.96	0.00	0.00	0.00

**Demand (Veh/TS)**

09:00 - 09:15

		To			
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access
From	A - L4012 N	0.00	0.00	3.37	2.62
	B - L8092 E	1.12	0.00	0.00	0.00
	C - L4012 S	3.37	0.00	0.00	0.00
	D - Site Access	2.20	0.00	0.00	0.00

**Demand (Veh/TS)**

09:15 - 09:30

		To			
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access
From	A - L4012 N	0.00	0.00	2.25	2.62
	B - L8092 E	3.37	0.00	0.00	0.00
	C - L4012 S	5.75	0.00	0.00	0.00
	D - Site Access	2.20	0.00	0.00	0.00

**Demand (Veh/TS)**

09:30 - 09:45

		To			
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access
From	A - L4012 N	0.00	1.25	1.12	2.62
	B - L8092 E	0.00	0.00	0.00	0.00
	C - L4012 S	5.87	0.00	0.00	0.00
	D - Site Access	2.20	0.00	0.00	0.00

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**Demand (Veh/TS)**

09:45 - 10:00

		To			
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access
From	A - L4012 N	0.00	1.12	1.12	2.62
	B - L8092 E	0.00	0.00	0.00	0.00
	C - L4012 S	2.37	0.00	0.00	0.00
	D - Site Access	2.20	0.00	0.00	0.00

**Demand (Veh/TS)**

10:00 - 10:15

		To			
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access
From	A - L4012 N	0.00	1.12	2.25	1.67
	B - L8092 E	2.25	0.00	0.00	0.00
	C - L4012 S	3.37	0.00	0.00	0.00
	D - Site Access	1.81	0.00	0.00	0.00

**Demand (Veh/TS)**

10:15 - 10:30

		To			
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access
From	A - L4012 N	0.00	0.00	3.37	1.67
	B - L8092 E	0.00	0.00	0.00	0.00
	C - L4012 S	1.12	0.00	0.00	0.00
	D - Site Access	1.81	0.00	0.00	0.00

**Demand (Veh/TS)**

10:30 - 10:45

		To			
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access
From	A - L4012 N	0.00	1.12	3.37	1.67
	B - L8092 E	0.00	0.00	0.00	0.00
	C - L4012 S	1.12	0.00	0.00	0.00
	D - Site Access	1.81	0.00	0.00	0.00

**Demand (Veh/TS)**

10:45 - 11:00

		To			
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access
From	A - L4012 N	0.00	1.12	2.25	1.67
	B - L8092 E	1.12	0.00	0.00	0.00
	C - L4012 S	3.37	0.00	0.00	0.00
	D - Site Access	1.81	0.00	0.00	0.00

**Demand (Veh/TS)**

11:00 - 11:15

		To			
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access
From	A - L4012 N	0.00	0.00	2.25	1.72
	B - L8092 E	1.12	0.00	0.00	0.00
	C - L4012 S	1.12	0.00	0.00	0.00
	D - Site Access	1.61	0.00	0.00	0.00

**Demand (Veh/TS)**

11:15 - 11:30

		To			
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access
From	A - L4012 N	0.00	1.12	2.25	1.72
	B - L8092 E	0.00	0.00	0.00	0.00
	C - L4012 S	2.25	0.00	0.00	0.00
	D - Site Access	1.61	0.00	0.00	0.00

**Demand (Veh/TS)**

11:30 - 11:45

		To			
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access
From	A - L4012 N	0.00	1.12	2.37	1.72
	B - L8092 E	1.12	0.00	0.00	0.00
	C - L4012 S	2.25	0.00	0.00	0.00
	D - Site Access	1.61	0.00	0.00	0.00

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**Demand (Veh/TS)**

11:45 - 12:00

		To			
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access
From	A - L4012 N	0.00	0.00	1.12	1.72
	B - L8092 E	1.12	0.00	0.00	0.00
	C - L4012 S	1.12	1.12	0.00	0.00
	D - Site Access	1.61	0.00	0.00	0.00

**Demand (Veh/TS)**

12:00 - 12:15

		To			
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access
From	A - L4012 N	0.00	0.00	5.62	1.28
	B - L8092 E	0.00	0.00	0.00	0.00
	C - L4012 S	1.12	1.12	0.00	0.00
	D - Site Access	1.61	0.00	0.00	0.00

**Demand (Veh/TS)**

12:15 - 12:30

		To			
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access
From	A - L4012 N	0.00	1.12	2.25	1.28
	B - L8092 E	2.25	0.00	0.00	0.00
	C - L4012 S	0.00	1.12	0.00	0.00
	D - Site Access	1.61	0.00	0.00	0.00

**Demand (Veh/TS)**

12:30 - 12:45

		To			
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access
From	A - L4012 N	0.00	0.00	1.12	1.28
	B - L8092 E	0.00	0.00	1.12	0.00
	C - L4012 S	1.12	0.00	0.00	0.00
	D - Site Access	1.61	0.00	0.00	0.00

**Demand (Veh/TS)**

12:45 - 13:00

		To			
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access
From	A - L4012 N	0.00	0.00	6.87	1.28
	B - L8092 E	0.00	0.00	0.00	0.00
	C - L4012 S	2.25	0.00	0.00	0.00
	D - Site Access	1.61	0.00	0.00	0.00

**Demand (Veh/TS)**

13:00 - 13:15

		To			
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access
From	A - L4012 N	0.00	0.00	5.62	2.10
	B - L8092 E	1.12	0.00	0.00	0.00
	C - L4012 S	3.37	0.00	0.00	0.00
	D - Site Access	2.25	0.00	0.00	0.00

**Demand (Veh/TS)**

13:15 - 13:30

		To			
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access
From	A - L4012 N	0.00	1.12	2.25	2.10
	B - L8092 E	0.00	0.00	0.00	0.00
	C - L4012 S	4.50	0.00	0.00	0.00
	D - Site Access	2.25	0.00	0.00	0.00

**Demand (Veh/TS)**

13:30 - 13:45

		To			
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access
From	A - L4012 N	0.00	0.00	2.25	2.10
	B - L8092 E	1.12	0.00	0.00	0.00
	C - L4012 S	4.50	0.00	0.00	0.00
	D - Site Access	2.25	0.00	0.00	0.00

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**Demand (Veh/TS)**

13:45 - 14:00

		To			
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access
From	A - L4012 N	0.00	2.25	1.12	2.10
	B - L8092 E	0.00	0.00	0.00	0.00
	C - L4012 S	3.37	0.00	0.00	0.00
	D - Site Access	2.25	0.00	0.00	0.00

**Demand (Veh/TS)**

14:00 - 14:15

		To			
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access
From	A - L4012 N	0.00	2.37	1.12	2.34
	B - L8092 E	0.00	0.00	0.00	0.00
	C - L4012 S	2.37	0.00	0.00	0.00
	D - Site Access	2.40	0.00	0.00	0.00

**Demand (Veh/TS)**

14:15 - 14:30

		To			
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access
From	A - L4012 N	0.00	0.00	1.25	2.34
	B - L8092 E	2.25	0.00	0.00	0.00
	C - L4012 S	2.25	0.00	0.00	0.00
	D - Site Access	2.40	0.00	0.00	0.00

**Demand (Veh/TS)**

14:30 - 14:45

		To			
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access
From	A - L4012 N	0.00	1.12	4.50	2.34
	B - L8092 E	2.25	0.00	0.00	0.00
	C - L4012 S	2.25	0.00	0.00	0.00
	D - Site Access	2.40	0.00	0.00	0.00

**Demand (Veh/TS)**

14:45 - 15:00

		To			
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access
From	A - L4012 N	0.00	0.00	7.00	2.34
	B - L8092 E	0.00	0.00	0.00	0.00
	C - L4012 S	0.00	1.12	0.00	0.00
	D - Site Access	2.40	0.00	0.00	0.00

**Demand (Veh/TS)**

15:00 - 15:15

		To			
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access
From	A - L4012 N	0.00	1.12	5.75	1.86
	B - L8092 E	1.12	0.00	0.00	0.00
	C - L4012 S	5.75	0.00	0.00	0.00
	D - Site Access	1.56	0.00	0.00	0.00

**Demand (Veh/TS)**

15:15 - 15:30

		To			
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access
From	A - L4012 N	0.00	1.12	5.62	1.86
	B - L8092 E	0.00	0.00	0.00	0.00
	C - L4012 S	3.37	0.00	0.00	0.00
	D - Site Access	1.56	0.00	0.00	0.00

**Demand (Veh/TS)**

15:30 - 15:45

		To			
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access
From	A - L4012 N	0.00	1.12	2.25	1.86
	B - L8092 E	0.00	0.00	0.00	0.00
	C - L4012 S	4.62	0.00	0.00	0.00
	D - Site Access	1.56	0.00	0.00	0.00

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**Demand (Veh/TS)**

15:45 - 16:00

		To			
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access
From	A - L4012 N	0.00	0.00	3.37	1.86
	B - L8092 E	0.00	0.00	0.00	0.00
	C - L4012 S	1.12	0.00	0.00	0.00
	D - Site Access	1.56	0.00	0.00	0.00

**Demand (Veh/TS)**

16:00 - 16:15

		To			
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access
From	A - L4012 N	0.00	3.37	7.87	1.44
	B - L8092 E	0.00	0.00	0.00	0.00
	C - L4012 S	3.37	0.00	0.00	0.00
	D - Site Access	1.48	0.00	0.00	0.00

**Demand (Veh/TS)**

16:15 - 16:30

		To			
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access
From	A - L4012 N	0.00	2.25	10.24	1.44
	B - L8092 E	2.25	0.00	0.00	0.00
	C - L4012 S	5.75	1.12	0.00	0.00
	D - Site Access	3.48	0.00	0.00	0.00

**Demand (Veh/TS)**

16:30 - 16:45

		To			
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access
From	A - L4012 N	0.00	1.12	8.99	1.44
	B - L8092 E	0.00	0.00	0.00	0.00
	C - L4012 S	9.12	0.00	0.00	0.00
	D - Site Access	3.48	0.00	0.00	0.00

**Demand (Veh/TS)**

16:45 - 17:00

		To			
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access
From	A - L4012 N	0.00	1.12	8.99	1.44
	B - L8092 E	2.25	0.00	0.00	0.00
	C - L4012 S	1.12	0.00	0.00	0.00
	D - Site Access	3.48	0.00	0.00	0.00

**Demand (Veh/TS)**

17:00 - 17:15

		To			
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access
From	A - L4012 N	0.00	6.87	7.99	0.50
	B - L8092 E	1.12	0.00	0.00	0.00
	C - L4012 S	1.12	1.12	0.00	0.00
	D - Site Access	3.76	0.00	0.00	0.00

**Demand (Veh/TS)**

17:15 - 17:30

		To			
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access
From	A - L4012 N	0.00	4.50	7.99	0.50
	B - L8092 E	0.00	0.00	1.12	0.00
	C - L4012 S	4.50	0.00	0.00	0.00
	D - Site Access	1.76	0.00	0.00	0.00

**Demand (Veh/TS)**

17:30 - 17:45

		To			
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access
From	A - L4012 N	0.00	0.00	7.87	0.50
	B - L8092 E	1.12	0.00	0.00	0.00
	C - L4012 S	2.25	0.00	0.00	0.00
	D - Site Access	1.76	0.00	0.00	0.00

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**Demand (Veh/TS)**

17:45 - 18:00

		To			
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access
From	A - L4012 N	0.00	2.25	10.12	0.50
	B - L8092 E	1.12	0.00	1.12	0.00
	C - L4012 S	4.62	0.00	0.00	0.00
	D - Site Access	1.76	0.00	0.00	0.00

**Demand (Veh/TS)**

18:00 - 18:15

		To			
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access
From	A - L4012 N	0.00	3.37	2.25	0.11
	B - L8092 E	2.25	0.00	0.00	0.00
	C - L4012 S	4.50	0.00	0.00	0.00
	D - Site Access	0.51	0.00	0.00	0.00

**Demand (Veh/TS)**

18:15 - 18:30

		To			
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access
From	A - L4012 N	0.00	0.00	6.75	0.11
	B - L8092 E	0.00	0.00	0.00	0.00
	C - L4012 S	1.12	0.00	0.00	0.00
	D - Site Access	0.51	0.00	0.00	0.00

**Demand (Veh/TS)**

18:30 - 18:45

		To			
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access
From	A - L4012 N	0.00	4.62	6.75	0.11
	B - L8092 E	1.12	0.00	1.12	0.00
	C - L4012 S	1.12	0.00	0.00	0.00
	D - Site Access	0.51	0.00	0.00	0.00

**Demand (Veh/TS)**

18:45 - 19:00

		To			
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access
From	A - L4012 N	0.00	2.25	6.75	0.11
	B - L8092 E	1.12	0.00	0.00	0.00
	C - L4012 S	5.62	0.00	0.00	0.00
	D - Site Access	0.51	0.00	0.00	0.00

**Vehicle Mix**

**Heavy Vehicle Percentages**

07:00 - 07:15

		To			
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access
From	A - L4012 N	0	0	0	100
	B - L8092 E	0	0	0	0
	C - L4012 S	0	0	0	0
	D - Site Access	100	0	0	0

**Heavy Vehicle Percentages**

07:15 - 07:30

		To			
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access
From	A - L4012 N	0	0	0	100
	B - L8092 E	100	0	0	0
	C - L4012 S	0	0	0	0
	D - Site Access	100	0	0	0

**Heavy Vehicle Percentages**

07:30 - 07:45

		To			
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access
From	A - L4012 N	0	0	0	100
	B - L8092 E	0	0	0	0
	C - L4012 S	0	0	0	0
	D - Site Access	100	0	0	0

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Heavy Vehicle Percentages

		To				
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access	
07:45 - 08:00	From	A - L4012 N	0	0	0	100
		B - L8092 E	0	0	0	0
		C - L4012 S	0	0	0	0
		D - Site Access	100	0	0	0

Heavy Vehicle Percentages

		To				
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access	
08:00 - 08:15	From	A - L4012 N	0	0	100	52
		B - L8092 E	0	0	0	0
		C - L4012 S	0	0	0	0
		D - Site Access	100	0	0	0

Heavy Vehicle Percentages

		To				
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access	
08:15 - 08:30	From	A - L4012 N	0	0	0	52
		B - L8092 E	0	0	0	0
		C - L4012 S	18	0	0	0
		D - Site Access	100	0	0	0

Heavy Vehicle Percentages

		To				
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access	
08:30 - 08:45	From	A - L4012 N	0	0	0	52
		B - L8092 E	0	0	0	0
		C - L4012 S	0	0	0	0
		D - Site Access	100	0	0	0

Heavy Vehicle Percentages

		To				
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access	
08:45 - 09:00	From	A - L4012 N	0	0	0	52
		B - L8092 E	27	0	0	0
		C - L4012 S	0	0	0	0
		D - Site Access	100	0	0	0

Heavy Vehicle Percentages

		To				
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access	
09:00 - 09:15	From	A - L4012 N	0	0	0	100
		B - L8092 E	0	0	0	0
		C - L4012 S	0	0	0	0
		D - Site Access	100	0	0	0

Heavy Vehicle Percentages

		To				
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access	
09:15 - 09:30	From	A - L4012 N	0	0	0	100
		B - L8092 E	0	0	0	0
		C - L4012 S	22	0	0	0
		D - Site Access	100	0	0	0

Heavy Vehicle Percentages

		To				
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access	
09:30 - 09:45	From	A - L4012 N	0	100	0	100
		B - L8092 E	0	0	0	0
		C - L4012 S	43	0	0	0
		D - Site Access	100	0	0	0

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**Heavy Vehicle Percentages**

		To				
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access	
09:45 - 10:00	From	A - L4012 N	0	0	0	100
		B - L8092 E	0	0	0	0
		C - L4012 S	53	0	0	0
		D - Site Access	100	0	0	0

**Heavy Vehicle Percentages**

		To				
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access	
10:00 - 10:15	From	A - L4012 N	0	0	0	100
		B - L8092 E	0	0	0	0
		C - L4012 S	0	0	0	0
		D - Site Access	100	0	0	0

**Heavy Vehicle Percentages**

		To				
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access	
10:15 - 10:30	From	A - L4012 N	0	0	0	100
		B - L8092 E	0	0	0	0
		C - L4012 S	0	0	0	0
		D - Site Access	100	0	0	0

**Heavy Vehicle Percentages**

		To				
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access	
10:30 - 10:45	From	A - L4012 N	0	0	0	100
		B - L8092 E	0	0	0	0
		C - L4012 S	0	0	0	0
		D - Site Access	100	0	0	0

**Heavy Vehicle Percentages**

		To				
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access	
10:45 - 11:00	From	A - L4012 N	0	0	0	100
		B - L8092 E	0	0	0	0
		C - L4012 S	0	0	0	0
		D - Site Access	100	0	0	0

**Heavy Vehicle Percentages**

		To				
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access	
11:00 - 11:15	From	A - L4012 N	0	0	0	100
		B - L8092 E	0	0	0	0
		C - L4012 S	0	0	0	0
		D - Site Access	100	0	0	0

**Heavy Vehicle Percentages**

		To				
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access	
11:15 - 11:30	From	A - L4012 N	0	0	0	100
		B - L8092 E	0	0	0	0
		C - L4012 S	0	0	0	0
		D - Site Access	100	0	0	0

**Heavy Vehicle Percentages**

		To				
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access	
11:30 - 11:45	From	A - L4012 N	0	0	53	100
		B - L8092 E	0	0	0	0
		C - L4012 S	0	0	0	0
		D - Site Access	100	0	0	0

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Heavy Vehicle Percentages

		To				
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access	
11:45 - 12:00	From	A - L4012 N	0	0	0	100
		B - L8092 E	0	0	0	0
		C - L4012 S	0	0	0	0
		D - Site Access	100	0	0	0

Heavy Vehicle Percentages

		To				
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access	
12:00 - 12:15	From	A - L4012 N	0	0	0	100
		B - L8092 E	0	0	0	0
		C - L4012 S	0	0	0	0
		D - Site Access	100	0	0	0

Heavy Vehicle Percentages

		To				
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access	
12:15 - 12:30	From	A - L4012 N	0	0	0	100
		B - L8092 E	0	0	0	0
		C - L4012 S	0	0	0	0
		D - Site Access	100	0	0	0

Heavy Vehicle Percentages

		To				
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access	
12:30 - 12:45	From	A - L4012 N	0	0	0	100
		B - L8092 E	0	0	0	0
		C - L4012 S	0	0	0	0
		D - Site Access	100	0	0	0

Heavy Vehicle Percentages

		To				
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access	
12:45 - 13:00	From	A - L4012 N	0	0	18	100
		B - L8092 E	0	0	0	0
		C - L4012 S	0	0	0	0
		D - Site Access	100	0	0	0

Heavy Vehicle Percentages

		To				
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access	
13:00 - 13:15	From	A - L4012 N	0	0	0	100
		B - L8092 E	0	0	0	0
		C - L4012 S	0	0	0	0
		D - Site Access	100	0	0	0

Heavy Vehicle Percentages

		To				
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access	
13:15 - 13:30	From	A - L4012 N	0	0	0	100
		B - L8092 E	0	0	0	0
		C - L4012 S	0	0	0	0
		D - Site Access	100	0	0	0

Heavy Vehicle Percentages

		To				
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access	
13:30 - 13:45	From	A - L4012 N	0	0	0	100
		B - L8092 E	0	0	0	0
		C - L4012 S	0	0	0	0
		D - Site Access	100	0	0	0

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Heavy Vehicle Percentages

		To				
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access	
13:45 - 14:00	From	A - L4012 N	0	0	0	100
		B - L8092 E	0	0	0	0
		C - L4012 S	0	0	0	0
		D - Site Access	100	0	0	0

Heavy Vehicle Percentages

		To				
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access	
14:00 - 14:15	From	A - L4012 N	0	53	0	100
		B - L8092 E	0	0	0	0
		C - L4012 S	53	0	0	0
		D - Site Access	100	0	0	0

Heavy Vehicle Percentages

		To				
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access	
14:15 - 14:30	From	A - L4012 N	0	0	100	100
		B - L8092 E	0	0	0	0
		C - L4012 S	0	0	0	0
		D - Site Access	100	0	0	0

Heavy Vehicle Percentages

		To				
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access	
14:30 - 14:45	From	A - L4012 N	0	0	0	100
		B - L8092 E	0	0	0	0
		C - L4012 S	0	0	0	0
		D - Site Access	100	0	0	0

Heavy Vehicle Percentages

		To				
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access	
14:45 - 15:00	From	A - L4012 N	0	0	36	100
		B - L8092 E	0	0	0	0
		C - L4012 S	0	0	0	0
		D - Site Access	100	0	0	0

Heavy Vehicle Percentages

		To				
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access	
15:00 - 15:15	From	A - L4012 N	0	0	22	100
		B - L8092 E	0	0	0	0
		C - L4012 S	22	0	0	0
		D - Site Access	100	0	0	0

Heavy Vehicle Percentages

		To				
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access	
15:15 - 15:30	From	A - L4012 N	0	0	0	100
		B - L8092 E	0	0	0	0
		C - L4012 S	0	0	0	0
		D - Site Access	100	0	0	0

Heavy Vehicle Percentages

		To				
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access	
15:30 - 15:45	From	A - L4012 N	0	0	0	100
		B - L8092 E	0	0	0	0
		C - L4012 S	27	0	0	0
		D - Site Access	100	0	0	0

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Heavy Vehicle Percentages

		To				
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access	
15:45 - 16:00	From	A - L4012 N	0	0	0	100
		B - L8092 E	0	0	0	0
		C - L4012 S	0	0	0	0
		D - Site Access	100	0	0	0

Heavy Vehicle Percentages

		To				
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access	
16:00 - 16:15	From	A - L4012 N	0	0	0	100
		B - L8092 E	0	0	0	0
		C - L4012 S	0	0	0	0
		D - Site Access	100	0	0	0

Heavy Vehicle Percentages

		To				
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access	
16:15 - 16:30	From	A - L4012 N	0	0	12	100
		B - L8092 E	0	0	0	0
		C - L4012 S	22	0	0	0
		D - Site Access	42	0	0	0

Heavy Vehicle Percentages

		To				
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access	
16:30 - 16:45	From	A - L4012 N	0	0	0	100
		B - L8092 E	0	0	0	0
		C - L4012 S	14	0	0	0
		D - Site Access	42	0	0	0

Heavy Vehicle Percentages

		To				
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access	
16:45 - 17:00	From	A - L4012 N	0	0	0	100
		B - L8092 E	0	0	0	0
		C - L4012 S	0	0	0	0
		D - Site Access	42	0	0	0

Heavy Vehicle Percentages

		To				
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access	
17:00 - 17:15	From	A - L4012 N	0	18	16	100
		B - L8092 E	0	0	0	0
		C - L4012 S	0	0	0	0
		D - Site Access	47	0	0	0

Heavy Vehicle Percentages

		To				
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access	
17:15 - 17:30	From	A - L4012 N	0	0	16	100
		B - L8092 E	0	0	0	0
		C - L4012 S	0	0	0	0
		D - Site Access	100	0	0	0

Heavy Vehicle Percentages

		To				
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access	
17:30 - 17:45	From	A - L4012 N	0	0	0	100
		B - L8092 E	0	0	0	0
		C - L4012 S	0	0	0	0
		D - Site Access	100	0	0	0

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### Heavy Vehicle Percentages

		To				
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access	
17:45 - 18:00	From	A - L4012 N	0	0	0	100
		B - L8092 E	0	0	0	0
		C - L4012 S	27	0	0	0
		D - Site Access	100	0	0	0

### Heavy Vehicle Percentages

		To				
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access	
18:00 - 18:15	From	A - L4012 N	0	0	0	100
		B - L8092 E	0	0	0	0
		C - L4012 S	0	0	0	0
		D - Site Access	100	0	0	0

### Heavy Vehicle Percentages

		To				
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access	
18:15 - 18:30	From	A - L4012 N	0	0	0	100
		B - L8092 E	0	0	0	0
		C - L4012 S	0	0	0	0
		D - Site Access	100	0	0	0

### Heavy Vehicle Percentages

		To				
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access	
18:30 - 18:45	From	A - L4012 N	0	27	0	100
		B - L8092 E	0	0	0	0
		C - L4012 S	0	0	0	0
		D - Site Access	100	0	0	0

### Heavy Vehicle Percentages

		To				
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access	
18:45 - 19:00	From	A - L4012 N	0	0	0	100
		B - L8092 E	0	0	0	0
		C - L4012 S	0	0	0	0
		D - Site Access	100	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	0.01	5.08	0.0	A	0.12	5.62
B-AD	0.04	9.97	0.1	A	0.99	47.47
A-BCD	0.04	11.74	0.0	B	2.02	97.03
A-B					1.18	56.79
A-C					4.09	196.24
D-AB	0.03	9.84	0.0	A	1.92	92.00
D-BC	0.00	0.00	0.0	A	0.00	0.00
C-ABD	0.01	5.18	0.0	A	0.19	9.13
C-D					0.00	0.00
C-A					3.45	165.37

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## 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	0.00	0.00	145.23	0.000	0.00	0.0	0.0	0.000	A
B-AD	1.12	1.12	139.54	0.008	1.12	0.0	0.0	6.501	A
A-BCD	3.34	3.34	81.24	0.041	3.29	0.0	0.0	11.540	B
A-B	1.08	1.08			1.08				
A-C	2.16	2.16			2.16				
D-AB	1.86	1.86	94.20	0.020	1.84	0.0	0.0	9.741	A
D-BC	0.00	0.00	116.12	0.000	0.00	0.0	0.0	0.000	A
C-ABD	0.00	0.00	176.35	0.000	0.00	0.0	0.0	0.000	A
C-D	0.00	0.00			0.00				
C-A	4.50	4.50			4.50				

### 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	0.00	0.00	144.97	0.000	0.00	0.0	0.0	0.000	A
B-AD	1.25	1.25	70.04	0.018	1.24	0.0	0.0	9.974	A
A-BCD	3.29	3.29	80.34	0.041	3.29	0.0	0.0	11.643	B
A-B	0.00	0.00			0.00				
A-C	2.16	2.16			2.16				
D-AB	1.86	1.86	94.20	0.020	1.86	0.0	0.0	9.745	A
D-BC	0.00	0.00	116.10	0.000	0.00	0.0	0.0	0.000	A
C-ABD	0.00	0.00	176.62	0.000	0.00	0.0	0.0	0.000	A
C-D	0.00	0.00			0.00				
C-A	4.50	4.50			4.50				

### 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-CD	0.00	0.00	144.58	0.000	0.00	0.0	0.0	0.000	A
B-AD	3.37	3.37	138.69	0.024	3.35	0.0	0.0	8.468	A
A-BCD	3.29	3.29	79.94	0.041	3.29	0.0	0.0	11.742	B
A-B	1.08	1.08			1.08				
A-C	1.08	1.08			1.08				
D-AB	1.86	1.86	93.73	0.020	1.86	0.0	0.0	9.795	A
D-BC	0.00	0.00	115.42	0.000	0.00	0.0	0.0	0.000	A
C-ABD	0.00	0.00	176.62	0.000	0.00	0.0	0.0	0.000	A
C-D	0.00	0.00			0.00				
C-A	7.87	7.87			7.87				

### 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	0.00	0.00	145.42	0.000	0.00	0.0	0.0	0.000	A
B-AD	1.12	1.12	139.87	0.008	1.15	0.0	0.0	6.490	A
A-BCD	3.34	3.34	81.52	0.041	3.34	0.0	0.0	11.550	B
A-B	1.08	1.08			1.08				
A-C	2.16	2.16			2.16				
D-AB	1.86	1.86	94.52	0.020	1.86	0.0	0.0	9.712	A
D-BC	0.00	0.00	116.57	0.000	0.00	0.0	0.0	0.000	A
C-ABD	0.00	0.00	176.32	0.000	0.00	0.0	0.0	0.000	A
C-D	0.00	0.00			0.00				
C-A	2.25	2.25			2.25				

### 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	0.00	0.00	145.12	0.000	0.00	0.0	0.0	0.000	A
B-AD	0.00	0.00	138.84	0.000	0.01	0.0	0.0	0.000	A
A-BCD	4.24	4.24	104.21	0.041	4.24	0.0	0.0	10.175	B
A-B	1.08	1.08			1.08				
A-C	1.20	1.20			1.20				
D-AB	1.96	1.96	94.04	0.021	1.96	0.0	0.0	9.773	A
D-BC	0.00	0.00	115.68	0.000	0.00	0.0	0.0	0.000	A
C-ABD	1.16	1.16	179.71	0.006	1.15	0.0	0.0	5.040	A
C-D	0.00	0.00			0.00				
C-A	5.58	5.58			5.58				

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	0.00	0.00	144.73	0.000	0.00	0.0	0.0	0.000	A
B-AD	1.12	1.12	138.74	0.008	1.12	0.0	0.0	6.539	A
A-BCD	4.28	4.28	105.44	0.041	4.29	0.0	0.0	8.949	A
A-B	0.00	0.00			0.00				
A-C	3.23	3.23			3.23				
D-AB	1.96	1.96	93.69	0.021	1.96	0.0	0.0	9.810	A
D-BC	0.00	0.00	115.30	0.000	0.00	0.0	0.0	0.000	A
C-ABD	0.00	0.00	176.36	0.000	0.01	0.0	0.0	0.000	A
C-D	0.00	0.00			0.00				
C-A	6.87	6.87			6.87				

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	1.12	1.12	181.43	0.006	1.12	0.0	0.0	4.991	A
B-AD	1.12	1.12	139.78	0.008	1.12	0.0	0.0	6.490	A
A-BCD	4.43	4.43	108.09	0.041	4.42	0.0	0.0	8.730	A
A-B	0.00	0.00			0.00				
A-C	6.47	6.47			6.47				
D-AB	1.96	1.96	93.73	0.021	1.96	0.0	0.0	9.806	A
D-BC	0.00	0.00	114.79	0.000	0.00	0.0	0.0	0.000	A
C-ABD	0.00	0.00	173.50	0.000	0.00	0.0	0.0	0.000	A
C-D	0.00	0.00			0.00				
C-A	7.87	7.87			7.87				

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	0.00	0.00	164.17	0.000	0.01	0.0	0.0	0.000	A
B-AD	4.62	4.62	108.94	0.042	4.59	0.0	0.0	8.251	A
A-BCD	4.38	4.38	107.16	0.041	4.38	0.0	0.0	8.740	A
A-B	2.16	2.16			2.16				
A-C	3.23	3.23			3.23				
D-AB	1.96	1.96	93.89	0.021	1.96	0.0	0.0	9.789	A
D-BC	0.00	0.00	114.95	0.000	0.00	0.0	0.0	0.000	A
C-ABD	1.17	1.17	179.88	0.006	1.16	0.0	0.0	5.035	A
C-D	0.00	0.00			0.00				
C-A	6.70	6.70			6.70				

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	0.00	0.00	145.31	0.000	0.00	0.0	0.0	0.000	A
B-AD	1.12	1.12	138.28	0.008	1.16	0.0	0.0	7.930	A
A-BCD	2.74	2.74	81.71	0.034	2.75	0.0	0.0	9.713	A
A-B	0.00	0.00			0.00				
A-C	3.26	3.26			3.26				
D-AB	2.20	2.20	94.36	0.023	2.20	0.0	0.0	9.765	A
D-BC	0.00	0.00	116.61	0.000	0.00	0.0	0.0	0.000	A
C-ABD	0.00	0.00	176.76	0.000	0.01	0.0	0.0	0.000	A
C-D	0.00	0.00			0.00				
C-A	3.37	3.37			3.37				

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	0.00	0.00	144.68	0.000	0.00	0.0	0.0	0.000	A
B-AD	3.37	3.37	139.34	0.024	3.36	0.0	0.0	6.618	A
A-BCD	2.70	2.70	80.04	0.034	2.70	0.0	0.0	11.595	B
A-B	0.00	0.00			0.00				
A-C	2.17	2.17			2.17				
D-AB	2.20	2.20	93.85	0.023	2.20	0.0	0.0	9.819	A
D-BC	0.00	0.00	115.88	0.000	0.00	0.0	0.0	0.000	A
C-ABD	0.00	0.00	172.38	0.000	0.00	0.0	0.0	0.000	A
C-D	0.00	0.00			0.00				
C-A	5.75	5.75			5.75				

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	0.00	0.00	145.46	0.000	0.00	0.0	0.0	0.000	A
B-AD	0.00	0.00	139.16	0.000	0.02	0.0	0.0	0.000	A
A-BCD	2.71	2.71	79.76	0.034	2.71	0.0	0.0	11.636	B
A-B	1.21	1.21			1.21				
A-C	1.09	1.09			1.09				
D-AB	2.20	2.20	93.66	0.024	2.20	0.0	0.0	9.840	A
D-BC	0.00	0.00	115.75	0.000	0.00	0.0	0.0	0.000	A
C-ABD	0.00	0.00	165.63	0.000	0.00	0.0	0.0	0.000	A
C-D	0.00	0.00			0.00				
C-A	5.87	5.87			5.87				

09:45 - 10:00

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-CD	0.00	0.00	160.66	0.000	0.00	0.0	0.0	0.000	A
B-AD	0.00	0.00	142.42	0.000	0.00	0.0	0.0	0.000	A
A-BCD	2.70	2.70	80.42	0.034	2.70	0.0	0.0	11.623	B
A-B	1.09	1.09			1.09				
A-C	1.09	1.09			1.09				
D-AB	2.20	2.20	94.32	0.023	2.20	0.0	0.0	9.769	A
D-BC	0.00	0.00	116.84	0.000	0.00	0.0	0.0	0.000	A
C-ABD	0.00	0.00	161.08	0.000	0.00	0.0	0.0	0.000	A
C-D	0.00	0.00			0.00				
C-A	2.37	2.37			2.37				

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	0.00	0.00	145.48	0.000	0.00	0.0	0.0	0.000	A
B-AD	2.25	2.25	140.49	0.016	2.23	0.0	0.0	6.509	A
A-BCD	1.74	1.74	81.40	0.021	1.75	0.0	0.0	11.352	B
A-B	1.10	1.10			1.10				
A-C	2.20	2.20			2.20				
D-AB	1.81	1.81	94.36	0.019	1.81	0.0	0.0	9.726	A
D-BC	0.00	0.00	117.20	0.000	0.00	0.0	0.0	0.000	A
C-ABD	0.00	0.00	169.10	0.000	0.00	0.0	0.0	0.000	A
C-D	0.00	0.00			0.00				
C-A	3.37	3.37			3.37				

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	0.00	0.00	146.11	0.000	0.00	0.0	0.0	0.000	A
B-AD	0.00	0.00	140.68	0.000	0.02	0.0	0.0	0.000	A
A-BCD	1.74	1.74	81.66	0.021	1.74	0.0	0.0	11.262	B
A-B	0.00	0.00			0.00				
A-C	3.30	3.30			3.30				
D-AB	1.81	1.81	94.68	0.019	1.81	0.0	0.0	9.691	A
D-BC	0.00	0.00	117.72	0.000	0.00	0.0	0.0	0.000	A
C-ABD	0.00	0.00	173.20	0.000	0.00	0.0	0.0	0.000	A
C-D	0.00	0.00			0.00				
C-A	1.12	1.12			1.12				

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	0.00	0.00	160.62	0.000	0.00	0.0	0.0	0.000	A
B-AD	0.00	0.00	142.85	0.000	0.00	0.0	0.0	0.000	A
A-BCD	1.77	1.77	82.58	0.021	1.77	0.0	0.0	11.173	B
A-B	1.10	1.10			1.10				
A-C	3.30	3.30			3.30				
D-AB	1.81	1.81	94.68	0.019	1.81	0.0	0.0	9.692	A
D-BC	0.00	0.00	117.65	0.000	0.00	0.0	0.0	0.000	A
C-ABD	0.00	0.00	175.03	0.000	0.00	0.0	0.0	0.000	A
C-D	0.00	0.00			0.00				
C-A	1.12	1.12			1.12				

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	0.00	0.00	145.78	0.000	0.00	0.0	0.0	0.000	A
B-AD	1.12	1.12	140.50	0.008	1.12	0.0	0.0	6.456	A
A-BCD	1.74	1.74	81.40	0.021	1.74	0.0	0.0	11.259	B
A-B	1.10	1.10			1.10				
A-C	2.20	2.20			2.20				
D-AB	1.81	1.81	94.36	0.019	1.81	0.0	0.0	9.724	A
D-BC	0.00	0.00	117.27	0.000	0.00	0.0	0.0	0.000	A
C-ABD	0.00	0.00	176.41	0.000	0.00	0.0	0.0	0.000	A
C-D	0.00	0.00			0.00				
C-A	3.37	3.37			3.37				

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	0.00	0.00	146.08	0.000	0.00	0.0	0.0	0.000	A
B-AD	1.12	1.12	141.04	0.008	1.12	0.0	0.0	6.431	A
A-BCD	1.77	1.77	80.73	0.022	1.77	0.0	0.0	11.361	B
A-B	0.00	0.00			0.00				
A-C	2.20	2.20			2.20				
D-AB	1.61	1.61	94.68	0.017	1.61	0.0	0.0	9.672	A
D-BC	0.00	0.00	117.78	0.000	0.00	0.0	0.0	0.000	A
C-ABD	0.00	0.00	177.21	0.000	0.00	0.0	0.0	0.000	A
C-D	0.00	0.00			0.00				
C-A	1.12	1.12			1.12				

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	0.00	0.00	146.16	0.000	0.00	0.0	0.0	0.000	A
B-AD	0.00	0.00	140.75	0.000	0.01	0.0	0.0	0.000	A
A-BCD	1.80	1.80	81.52	0.022	1.80	0.0	0.0	11.330	B
A-B	1.10	1.10			1.10				
A-C	2.20	2.20			2.20				
D-AB	1.61	1.61	94.52	0.017	1.61	0.0	0.0	9.688	A
D-BC	0.00	0.00	117.53	0.000	0.00	0.0	0.0	0.000	A
C-ABD	0.00	0.00	177.18	0.000	0.00	0.0	0.0	0.000	A
C-D	0.00	0.00			0.00				
C-A	2.25	2.25			2.25				

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	0.00	0.00	145.53	0.000	0.00	0.0	0.0	0.000	A
B-AD	1.12	1.12	140.40	0.008	1.12	0.0	0.0	6.461	A
A-BCD	1.80	1.80	81.41	0.022	1.80	0.0	0.0	11.265	B
A-B	1.10	1.10			1.10				
A-C	2.32	2.32			2.32				
D-AB	1.61	1.61	94.52	0.017	1.61	0.0	0.0	9.686	A
D-BC	0.00	0.00	117.29	0.000	0.00	0.0	0.0	0.000	A
C-ABD	0.00	0.00	176.96	0.000	0.00	0.0	0.0	0.000	A
C-D	0.00	0.00			0.00				
C-A	2.25	2.25			2.25				

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	0.00	0.00	146.11	0.000	0.00	0.0	0.0	0.000	A
B-AD	1.12	1.12	140.92	0.008	1.12	0.0	0.0	6.437	A
A-BCD	1.75	1.75	79.61	0.022	1.75	0.0	0.0	11.521	B
A-B	0.00	0.00			0.00				
A-C	1.10	1.10			1.10				
D-AB	1.61	1.61	94.68	0.017	1.61	0.0	0.0	9.672	A
D-BC	0.00	0.00	117.69	0.000	0.00	0.0	0.0	0.000	A
C-ABD	1.13	1.13	178.74	0.006	1.12	0.0	0.0	5.066	A
C-D	0.00	0.00			0.00				
C-A	1.12	1.12			1.12				

12:00 - 12:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-CD	0.00	0.00	145.44	0.000	0.00	0.0	0.0	0.000	A
B-AD	0.00	0.00	140.00	0.000	0.01	0.0	0.0	0.000	A
A-BCD	1.38	1.38	83.31	0.017	1.38	0.0	0.0	11.155	B
A-B	0.00	0.00			0.00				
A-C	5.53	5.53			5.53				
D-AB	1.61	1.61	94.68	0.017	1.61	0.0	0.0	9.670	A
D-BC	0.00	0.00	117.42	0.000	0.00	0.0	0.0	0.000	A
C-ABD	1.13	1.13	177.87	0.006	1.13	0.0	0.0	5.093	A
C-D	0.00	0.00			0.00				
C-A	1.12	1.12			1.12				

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	0.00	0.00	145.68	0.000	0.00	0.0	0.0	0.000	A
B-AD	2.25	2.25	140.92	0.016	2.23	0.0	0.0	6.489	A
A-BCD	1.34	1.34	81.62	0.016	1.34	0.0	0.0	11.137	B
A-B	1.11	1.11			1.11				
A-C	2.21	2.21			2.21				
D-AB	1.61	1.61	94.83	0.017	1.61	0.0	0.0	9.655	A
D-BC	0.00	0.00	117.91	0.000	0.00	0.0	0.0	0.000	A
C-ABD	1.12	1.12	177.80	0.006	1.12	0.0	0.0	5.093	A
C-D	0.00	0.00			0.00				
C-A	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-CD	1.12	1.12	181.07	0.006	1.12	0.0	0.0	5.000	A
B-AD	0.00	0.00	130.32	0.000	0.02	0.0	0.0	0.000	A
A-BCD	1.30	1.30	79.80	0.016	1.30	0.0	0.0	11.387	B
A-B	0.00	0.00			0.00				
A-C	1.11	1.11			1.11				
D-AB	1.61	1.61	94.68	0.017	1.61	0.0	0.0	9.670	A
D-BC	0.00	0.00	118.14	0.000	0.00	0.0	0.0	0.000	A
C-ABD	0.00	0.00	178.40	0.000	0.01	0.0	0.0	0.000	A
C-D	0.00	0.00			0.00				
C-A	1.12	1.12			1.12				

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	0.00	0.00	179.20	0.000	0.01	0.0	0.0	0.000	A
B-AD	0.00	0.00	128.91	0.000	0.00	0.0	0.0	0.000	A
A-BCD	1.40	1.40	84.18	0.017	1.40	0.0	0.0	11.015	B
A-B	0.00	0.00			0.00				
A-C	6.75	6.75			6.75				
D-AB	1.61	1.61	94.52	0.017	1.61	0.0	0.0	9.686	A
D-BC	0.00	0.00	117.09	0.000	0.00	0.0	0.0	0.000	A
C-ABD	0.00	0.00	176.53	0.000	0.00	0.0	0.0	0.000	A
C-D	0.00	0.00			0.00				
C-A	2.25	2.25			2.25				

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	0.00	0.00	144.94	0.000	0.00	0.0	0.0	0.000	A
B-AD	1.12	1.12	139.32	0.008	1.12	0.0	0.0	6.511	A
A-BCD	2.25	2.25	83.25	0.027	2.24	0.0	0.0	11.109	B
A-B	0.00	0.00			0.00				
A-C	5.47	5.47			5.47				
D-AB	2.25	2.25	94.36	0.024	2.24	0.0	0.0	9.770	A
D-BC	0.00	0.00	116.64	0.000	0.00	0.0	0.0	0.000	A
C-ABD	0.00	0.00	176.58	0.000	0.00	0.0	0.0	0.000	A
C-D	0.00	0.00			0.00				
C-A	3.37	3.37			3.37				

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	0.00	0.00	145.84	0.000	0.00	0.0	0.0	0.000	A
B-AD	0.00	0.00	139.87	0.000	0.01	0.0	0.0	0.000	A
A-BCD	2.19	2.19	81.28	0.027	2.19	0.0	0.0	11.303	B
A-B	1.09	1.09			1.09				
A-C	2.19	2.19			2.19				
D-AB	2.25	2.25	94.20	0.024	2.25	0.0	0.0	9.787	A
D-BC	0.00	0.00	116.83	0.000	0.00	0.0	0.0	0.000	A
C-ABD	0.00	0.00	177.17	0.000	0.00	0.0	0.0	0.000	A
C-D	0.00	0.00			0.00				
C-A	4.50	4.50			4.50				

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	0.00	0.00	145.65	0.000	0.00	0.0	0.0	0.000	A
B-AD	1.12	1.12	139.98	0.008	1.12	0.0	0.0	6.480	A
A-BCD	2.16	2.16	80.34	0.027	2.16	0.0	0.0	11.474	B
A-B	0.00	0.00			0.00				
A-C	2.19	2.19			2.19				
D-AB	2.25	2.25	94.20	0.024	2.25	0.0	0.0	9.787	A
D-BC	0.00	0.00	116.84	0.000	0.00	0.0	0.0	0.000	A
C-ABD	0.00	0.00	177.47	0.000	0.00	0.0	0.0	0.000	A
C-D	0.00	0.00			0.00				
C-A	4.50	4.50			4.50				

13:45 - 14:00

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-CD	0.00	0.00	146.11	0.000	0.00	0.0	0.0	0.000	A
B-AD	0.00	0.00	140.22	0.000	0.01	0.0	0.0	0.000	A
A-BCD	2.19	2.19	81.39	0.027	2.19	0.0	0.0	11.405	B
A-B	2.19	2.19			2.19				
A-C	1.09	1.09			1.09				
D-AB	2.25	2.25	94.36	0.024	2.25	0.0	0.0	9.770	A
D-BC	0.00	0.00	117.14	0.000	0.00	0.0	0.0	0.000	A
C-ABD	0.00	0.00	177.17	0.000	0.00	0.0	0.0	0.000	A
C-D	0.00	0.00			0.00				
C-A	3.37	3.37			3.37				

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	0.00	0.00	160.49	0.000	0.00	0.0	0.0	0.000	A
B-AD	0.00	0.00	142.27	0.000	0.00	0.0	0.0	0.000	A
A-BCD	2.45	2.45	81.25	0.030	2.44	0.0	0.0	11.381	B
A-B	2.30	2.30			2.30				
A-C	1.09	1.09			1.09				
D-AB	2.40	2.40	94.32	0.025	2.39	0.0	0.0	9.789	A
D-BC	0.00	0.00	116.85	0.000	0.00	0.0	0.0	0.000	A
C-ABD	0.00	0.00	165.71	0.000	0.00	0.0	0.0	0.000	A
C-D	0.00	0.00			0.00				
C-A	2.37	2.37			2.37				

14:15 - 14:30

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-CD	0.00	0.00	145.44	0.000	0.00	0.0	0.0	0.000	A
B-AD	2.25	2.25	140.08	0.016	2.23	0.0	0.0	6.528	A
A-BCD	2.38	2.38	79.55	0.030	2.38	0.0	0.0	11.579	B
A-B	0.00	0.00			0.00				
A-C	1.21	1.21			1.21				
D-AB	2.40	2.40	94.52	0.025	2.40	0.0	0.0	9.769	A
D-BC	0.00	0.00	117.08	0.000	0.00	0.0	0.0	0.000	A
C-ABD	0.00	0.00	171.57	0.000	0.00	0.0	0.0	0.000	A
C-D	0.00	0.00			0.00				
C-A	2.25	2.25			2.25				

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	0.00	0.00	144.84	0.000	0.00	0.0	0.0	0.000	A
B-AD	2.25	2.25	139.46	0.016	2.25	0.0	0.0	6.558	A
A-BCD	2.51	2.51	83.36	0.030	2.51	0.0	0.0	11.323	B
A-B	1.09	1.09			1.09				
A-C	4.36	4.36			4.36				
D-AB	2.40	2.40	94.52	0.025	2.40	0.0	0.0	9.769	A
D-BC	0.00	0.00	116.74	0.000	0.00	0.0	0.0	0.000	A
C-ABD	0.00	0.00	173.53	0.000	0.00	0.0	0.0	0.000	A
C-D	0.00	0.00			0.00				
C-A	2.25	2.25			2.25				

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	0.00	0.00	144.30	0.000	0.00	0.0	0.0	0.000	A
B-AD	0.00	0.00	138.26	0.000	0.02	0.0	0.0	0.000	A
A-BCD	2.56	2.56	84.17	0.030	2.55	0.0	0.0	10.988	B
A-B	0.00	0.00			0.00				
A-C	6.78	6.78			6.78				
D-AB	2.40	2.40	94.83	0.025	2.40	0.0	0.0	9.735	A
D-BC	0.00	0.00	116.50	0.000	0.00	0.0	0.0	0.000	A
C-ABD	1.12	1.12	175.35	0.006	1.12	0.0	0.0	5.165	A
C-D	0.00	0.00			0.00				
C-A	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-CD	0.00	0.00	144.23	0.000	0.00	0.0	0.0	0.000	A
B-AD	1.12	1.12	138.73	0.008	1.12	0.0	0.0	6.539	A
A-BCD	2.03	2.03	83.66	0.024	2.04	0.0	0.0	11.074	B
A-B	1.10	1.10			1.10				
A-C	5.60	5.60			5.60				
D-AB	1.56	1.56	93.85	0.017	1.57	0.0	0.0	9.753	A
D-BC	0.00	0.00	115.75	0.000	0.00	0.0	0.0	0.000	A
C-ABD	0.00	0.00	176.08	0.000	0.01	0.0	0.0	0.000	A
C-D	0.00	0.00			0.00				
C-A	5.75	5.75			5.75				

15:15 - 15:30

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-CD	0.00	0.00	145.20	0.000	0.00	0.0	0.0	0.000	A
B-AD	0.00	0.00	139.67	0.000	0.01	0.0	0.0	0.000	A
A-BCD	2.03	2.03	84.19	0.024	2.03	0.0	0.0	10.992	B
A-B	1.10	1.10			1.10				
A-C	5.48	5.48			5.48				
D-AB	1.56	1.56	94.36	0.017	1.56	0.0	0.0	9.700	A
D-BC	0.00	0.00	116.76	0.000	0.00	0.0	0.0	0.000	A
C-ABD	0.00	0.00	173.73	0.000	0.00	0.0	0.0	0.000	A
C-D	0.00	0.00			0.00				
C-A	3.37	3.37			3.37				

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	0.00	0.00	160.38	0.000	0.00	0.0	0.0	0.000	A
B-AD	0.00	0.00	142.34	0.000	0.00	0.0	0.0	0.000	A
A-BCD	1.94	1.94	81.13	0.024	1.95	0.0	0.0	11.250	B
A-B	1.10	1.10			1.10				
A-C	2.19	2.19			2.19				
D-AB	1.56	1.56	94.01	0.017	1.56	0.0	0.0	9.735	A
D-BC	0.00	0.00	116.68	0.000	0.00	0.0	0.0	0.000	A
C-ABD	0.00	0.00	170.27	0.000	0.00	0.0	0.0	0.000	A
C-D	0.00	0.00			0.00				
C-A	4.62	4.62			4.62				

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	0.00	0.00	160.68	0.000	0.00	0.0	0.0	0.000	A
B-AD	0.00	0.00	142.93	0.000	0.00	0.0	0.0	0.000	A
A-BCD	1.94	1.94	81.66	0.024	1.94	0.0	0.0	11.289	B
A-B	0.00	0.00			0.00				
A-C	3.29	3.29			3.29				
D-AB	1.56	1.56	94.68	0.017	1.56	0.0	0.0	9.667	A
D-BC	0.00	0.00	117.61	0.000	0.00	0.0	0.0	0.000	A
C-ABD	0.00	0.00	173.74	0.000	0.00	0.0	0.0	0.000	A
C-D	0.00	0.00			0.00				
C-A	1.12	1.12			1.12				

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	0.00	0.00	159.03	0.000	0.00	0.0	0.0	0.000	A
B-AD	0.00	0.00	141.31	0.000	0.00	0.0	0.0	0.000	A
A-BCD	1.66	1.66	87.89	0.019	1.66	0.0	0.0	10.701	B
A-B	3.31	3.31			3.31				
A-C	7.72	7.72			7.72				
D-AB	1.48	1.48	94.36	0.016	1.48	0.0	0.0	9.689	A
D-BC	0.00	0.00	116.57	0.000	0.00	0.0	0.0	0.000	A
C-ABD	0.00	0.00	173.77	0.000	0.00	0.0	0.0	0.000	A
C-D	0.00	0.00			0.00				
C-A	3.37	3.37			3.37				

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	0.00	0.00	142.63	0.000	0.00	0.0	0.0	0.000	A
B-AD	2.25	2.25	136.84	0.016	2.23	0.0	0.0	6.685	A
A-BCD	1.69	1.69	88.16	0.019	1.69	0.0	0.0	10.406	B
A-B	2.20	2.20			2.20				
A-C	10.04	10.04			10.04				
D-AB	3.48	3.48	131.48	0.026	3.46	0.0	0.0	7.886	A
D-BC	0.00	0.00	115.05	0.000	0.00	0.0	0.0	0.000	A
C-ABD	1.16	1.16	177.94	0.007	1.15	0.0	0.0	5.073	A
C-D	0.00	0.00			0.00				
C-A	5.71	5.71			5.71				

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	0.00	0.00	143.85	0.000	0.00	0.0	0.0	0.000	A
B-AD	0.00	0.00	137.45	0.000	0.02	0.0	0.0	0.000	A
A-BCD	1.64	1.64	86.21	0.019	1.64	0.0	0.0	10.612	B
A-B	1.10	1.10			1.10				
A-C	8.82	8.82			8.82				
D-AB	3.48	3.48	131.06	0.027	3.48	0.0	0.0	7.056	A
D-BC	0.00	0.00	115.10	0.000	0.00	0.0	0.0	0.000	A
C-ABD	0.00	0.00	174.65	0.000	0.01	0.0	0.0	0.000	A
C-D	0.00	0.00			0.00				
C-A	9.12	9.12			9.12				

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	0.00	0.00	144.13	0.000	0.00	0.0	0.0	0.000	A
B-AD	2.25	2.25	138.92	0.016	2.23	0.0	0.0	6.584	A
A-BCD	1.64	1.64	87.26	0.019	1.64	0.0	0.0	10.506	B
A-B	1.10	1.10			1.10				
A-C	8.82	8.82			8.82				
D-AB	3.48	3.48	132.88	0.026	3.48	0.0	0.0	6.957	A
D-BC	0.00	0.00	116.92	0.000	0.00	0.0	0.0	0.000	A
C-ABD	0.00	0.00	172.06	0.000	0.00	0.0	0.0	0.000	A
C-D	0.00	0.00			0.00				
C-A	1.12	1.12			1.12				

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	0.00	0.00	143.73	0.000	0.00	0.0	0.0	0.000	A
B-AD	1.12	1.12	138.09	0.008	1.13	0.0	0.0	6.573	A
A-BCD	0.60	0.60	90.67	0.007	0.61	0.0	0.0	10.084	B
A-B	6.82	6.82			6.82				
A-C	7.94	7.94			7.94				
D-AB	3.76	3.76	129.02	0.029	3.76	0.0	0.0	7.081	A
D-BC	0.00	0.00	116.82	0.000	0.00	0.0	0.0	0.000	A
C-ABD	1.13	1.13	175.35	0.006	1.12	0.0	0.0	5.183	A
C-D	0.00	0.00			0.00				
C-A	1.12	1.12			1.12				

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	1.12	1.12	178.41	0.006	1.12	0.0	0.0	5.075	A
B-AD	0.00	0.00	127.83	0.000	0.01	0.0	0.0	0.000	A
A-BCD	0.58	0.58	88.62	0.007	0.58	0.0	0.0	10.187	B
A-B	4.47	4.47			4.47				
A-C	7.94	7.94			7.94				
D-AB	1.76	1.76	94.62	0.019	1.77	0.0	0.0	7.946	A
D-BC	0.00	0.00	116.53	0.000	0.00	0.0	0.0	0.000	A
C-ABD	0.00	0.00	175.64	0.000	0.01	0.0	0.0	0.000	A
C-D	0.00	0.00			0.00				
C-A	4.50	4.50			4.50				

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	0.00	0.00	164.72	0.000	0.01	0.0	0.0	0.000	A
B-AD	1.12	1.12	139.99	0.008	1.12	0.0	0.0	6.480	A
A-BCD	0.55	0.55	85.28	0.006	0.55	0.0	0.0	10.523	B
A-B	0.00	0.00			0.00				
A-C	7.82	7.82			7.82				
D-AB	1.76	1.76	94.52	0.019	1.76	0.0	0.0	9.702	A
D-BC	0.00	0.00	117.55	0.000	0.00	0.0	0.0	0.000	A
C-ABD	0.00	0.00	177.21	0.000	0.00	0.0	0.0	0.000	A
C-D	0.00	0.00			0.00				
C-A	2.25	2.25			2.25				

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	1.12	1.12	180.27	0.006	1.12	0.0	0.0	5.023	A
B-AD	1.12	1.12	140.48	0.008	1.12	0.0	0.0	6.457	A
A-BCD	0.58	0.58	88.56	0.007	0.58	0.0	0.0	10.355	B
A-B	2.23	2.23			2.23				
A-C	10.05	10.05			10.05				
D-AB	1.76	1.76	94.01	0.019	1.76	0.0	0.0	9.755	A
D-BC	0.00	0.00	116.22	0.000	0.00	0.0	0.0	0.000	A
C-ABD	0.00	0.00	170.25	0.000	0.00	0.0	0.0	0.000	A
C-D	0.00	0.00			0.00				
C-A	4.62	4.62			4.62				

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	0.00	0.00	165.45	0.000	0.01	0.0	0.0	0.000	A
B-AD	2.25	2.25	141.55	0.016	2.24	0.0	0.0	6.460	A
A-BCD	0.12	0.12	83.42	0.001	0.12	0.0	0.0	10.499	B
A-B	3.37	3.37			3.37				
A-C	2.25	2.25			2.25				
D-AB	0.51	0.51	94.20	0.005	0.52	0.0	0.0	9.610	A
D-BC	0.00	0.00	117.77	0.000	0.00	0.0	0.0	0.000	A
C-ABD	0.00	0.00	175.14	0.000	0.00	0.0	0.0	0.000	A
C-D	0.00	0.00			0.00				
C-A	4.50	4.50			4.50				

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	0.00	0.00	145.76	0.000	0.00	0.0	0.0	0.000	A
B-AD	0.00	0.00	141.29	0.000	0.02	0.0	0.0	0.000	A
A-BCD	0.12	0.12	84.45	0.001	0.12	0.0	0.0	10.698	B
A-B	0.00	0.00			0.00				
A-C	6.74	6.74			6.74				
D-AB	0.51	0.51	94.68	0.005	0.51	0.0	0.0	9.559	A
D-BC	0.00	0.00	118.23	0.000	0.00	0.0	0.0	0.000	A
C-ABD	0.00	0.00	176.31	0.000	0.00	0.0	0.0	0.000	A
C-D	0.00	0.00			0.00				
C-A	1.12	1.12			1.12				

18:30 - 18:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-CD	1.12	1.12	180.89	0.006	1.12	0.0	0.0	5.005	A
B-AD	1.12	1.12	142.52	0.008	1.12	0.0	0.0	6.364	A
A-BCD	0.13	0.13	88.05	0.001	0.13	0.0	0.0	10.327	B
A-B	4.62	4.62			4.62				
A-C	6.74	6.74			6.74				
D-AB	0.51	0.51	94.68	0.005	0.51	0.0	0.0	9.557	A
D-BC	0.00	0.00	117.66	0.000	0.00	0.0	0.0	0.000	A
C-ABD	0.00	0.00	175.50	0.000	0.00	0.0	0.0	0.000	A
C-D	0.00	0.00			0.00				
C-A	1.12	1.12			1.12				

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	0.00	0.00	164.78	0.000	0.01	0.0	0.0	0.000	A
B-AD	1.12	1.12	140.35	0.008	1.12	0.0	0.0	6.463	A
A-BCD	0.12	0.12	85.81	0.001	0.12	0.0	0.0	10.474	B
A-B	2.25	2.25			2.25				
A-C	6.74	6.74			6.74				
D-AB	0.51	0.51	94.04	0.005	0.51	0.0	0.0	9.621	A
D-BC	0.00	0.00	117.07	0.000	0.00	0.0	0.0	0.000	A
C-ABD	0.00	0.00	176.83	0.000	0.00	0.0	0.0	0.000	A
C-D	0.00	0.00			0.00				
C-A	5.62	5.62			5.62				

# opening yr +15 + dev+ adj , 12hrs

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## Data Errors and Warnings

No errors or warnings

## Junction Network

### Junctions

Junction	Name	Junction type	Major road direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	L4012 & L8092 Crossroad	Crossroads	Two-way		4.93	A

### Junction Network Options

Driving side	Lighting
Left	Normal/unknown

## Traffic Demand

### Demand Set Details

ID	Scenario name	Time Period name	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time period length (min)	Time segment length (min)	Run automatically	Relationship type	Relationship
D9	opening yr +15 + dev+ adj	12hrs	DIRECT	07:00	19:00	720	15	✓	Simple	D6 + D3 + D4

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 - L4012 N		DIRECT	✓	100.000
B - L8092 E		DIRECT	✓	100.000
C - L4012 S		DIRECT	✓	100.000
D - Site Access		DIRECT	✓	100.000

## Origin-Destination Data

### Demand (Veh/TS)

		To				
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access	
07:00 - 07:15	From	A - L4012 N	0.00	1.20	2.39	3.20
		B - L8092 E	1.20	0.00	0.00	0.00
		C - L4012 S	4.78	0.00	0.00	0.00
		D - Site Access	1.86	0.00	0.00	0.00

### Demand (Veh/TS)

		To				
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access	
07:15 - 07:30	From	A - L4012 N	0.00	0.00	2.39	3.20
		B - L8092 E	1.46	0.00	0.00	0.00
		C - L4012 S	4.78	0.00	0.00	0.00
		D - Site Access	1.86	0.00	0.00	0.00

### Demand (Veh/TS)

		To				
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access	
07:30 - 07:45	From	A - L4012 N	0.00	1.20	1.20	3.20
		B - L8092 E	3.59	0.00	0.00	0.00
		C - L4012 S	8.37	0.00	0.00	0.00
		D - Site Access	1.86	0.00	0.00	0.00

**Demand (Veh/TS)**

07:45 - 08:00

		To			
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access
From	A - L4012 N	0.00	1.20	2.39	3.20
	B - L8092 E	1.20	0.00	0.00	0.00
	C - L4012 S	2.39	0.00	0.00	0.00
	D - Site Access	1.86	0.00	0.00	0.00

**Demand (Veh/TS)**

08:00 - 08:15

		To			
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access
From	A - L4012 N	0.00	1.20	1.46	4.15
	B - L8092 E	0.00	0.00	0.00	0.00
	C - L4012 S	5.98	1.20	0.00	0.00
	D - Site Access	1.96	0.00	0.00	0.00

**Demand (Veh/TS)**

08:15 - 08:30

		To			
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access
From	A - L4012 N	0.00	0.00	3.59	4.15
	B - L8092 E	1.20	0.00	0.00	0.00
	C - L4012 S	7.44	0.00	0.00	0.00
	D - Site Access	1.96	0.00	0.00	0.00

**Demand (Veh/TS)**

08:30 - 08:45

		To			
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access
From	A - L4012 N	0.00	0.00	7.18	4.15
	B - L8092 E	1.20	0.00	1.20	0.00
	C - L4012 S	8.37	0.00	0.00	0.00
	D - Site Access	1.96	0.00	0.00	0.00

**Demand (Veh/TS)**

08:45 - 09:00

		To			
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access
From	A - L4012 N	0.00	2.39	3.59	4.15
	B - L8092 E	5.04	0.00	0.00	0.00
	C - L4012 S	7.18	1.20	0.00	0.00
	D - Site Access	1.96	0.00	0.00	0.00

**Demand (Veh/TS)**

09:00 - 09:15

		To			
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access
From	A - L4012 N	0.00	0.00	3.59	2.62
	B - L8092 E	1.20	0.00	0.00	0.00
	C - L4012 S	3.59	0.00	0.00	0.00
	D - Site Access	2.20	0.00	0.00	0.00

**Demand (Veh/TS)**

09:15 - 09:30

		To			
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access
From	A - L4012 N	0.00	0.00	2.39	2.62
	B - L8092 E	3.59	0.00	0.00	0.00
	C - L4012 S	6.24	0.00	0.00	0.00
	D - Site Access	2.20	0.00	0.00	0.00

**Demand (Veh/TS)**

09:30 - 09:45

		To			
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access
From	A - L4012 N	0.00	1.46	1.20	2.62
	B - L8092 E	0.00	0.00	0.00	0.00
	C - L4012 S	6.50	0.00	0.00	0.00
	D - Site Access	2.20	0.00	0.00	0.00

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**Demand (Veh/TS)**

09:45 - 10:00

		To			
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access
From	A - L4012 N	0.00	1.20	1.20	2.62
	B - L8092 E	0.00	0.00	0.00	0.00
	C - L4012 S	2.65	0.00	0.00	0.00
	D - Site Access	2.20	0.00	0.00	0.00

**Demand (Veh/TS)**

10:00 - 10:15

		To			
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access
From	A - L4012 N	0.00	1.20	2.39	1.67
	B - L8092 E	2.39	0.00	0.00	0.00
	C - L4012 S	3.59	0.00	0.00	0.00
	D - Site Access	1.81	0.00	0.00	0.00

**Demand (Veh/TS)**

10:15 - 10:30

		To			
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access
From	A - L4012 N	0.00	0.00	3.59	1.67
	B - L8092 E	0.00	0.00	0.00	0.00
	C - L4012 S	1.20	0.00	0.00	0.00
	D - Site Access	1.81	0.00	0.00	0.00

**Demand (Veh/TS)**

10:30 - 10:45

		To			
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access
From	A - L4012 N	0.00	1.20	3.59	1.67
	B - L8092 E	0.00	0.00	0.00	0.00
	C - L4012 S	1.20	0.00	0.00	0.00
	D - Site Access	1.81	0.00	0.00	0.00

**Demand (Veh/TS)**

10:45 - 11:00

		To			
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access
From	A - L4012 N	0.00	1.20	2.39	1.67
	B - L8092 E	1.20	0.00	0.00	0.00
	C - L4012 S	3.59	0.00	0.00	0.00
	D - Site Access	1.81	0.00	0.00	0.00

**Demand (Veh/TS)**

11:00 - 11:15

		To			
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access
From	A - L4012 N	0.00	0.00	2.39	1.72
	B - L8092 E	1.20	0.00	0.00	0.00
	C - L4012 S	1.20	0.00	0.00	0.00
	D - Site Access	1.61	0.00	0.00	0.00

**Demand (Veh/TS)**

11:15 - 11:30

		To			
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access
From	A - L4012 N	0.00	1.20	2.39	1.72
	B - L8092 E	0.00	0.00	0.00	0.00
	C - L4012 S	2.39	0.00	0.00	0.00
	D - Site Access	1.61	0.00	0.00	0.00

**Demand (Veh/TS)**

11:30 - 11:45

		To			
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access
From	A - L4012 N	0.00	1.20	2.65	1.72
	B - L8092 E	1.20	0.00	0.00	0.00
	C - L4012 S	2.39	0.00	0.00	0.00
	D - Site Access	1.61	0.00	0.00	0.00

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**Demand (Veh/TS)**

11:45 - 12:00

		To			
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access
From	A - L4012 N	0.00	0.00	1.20	1.72
	B - L8092 E	1.20	0.00	0.00	0.00
	C - L4012 S	1.20	1.20	0.00	0.00
	D - Site Access	1.61	0.00	0.00	0.00

**Demand (Veh/TS)**

12:00 - 12:15

		To			
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access
From	A - L4012 N	0.00	0.00	5.98	1.28
	B - L8092 E	0.00	0.00	0.00	0.00
	C - L4012 S	1.20	1.20	0.00	0.00
	D - Site Access	1.61	0.00	0.00	0.00

**Demand (Veh/TS)**

12:15 - 12:30

		To			
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access
From	A - L4012 N	0.00	1.20	2.39	1.28
	B - L8092 E	2.39	0.00	0.00	0.00
	C - L4012 S	0.00	1.20	0.00	0.00
	D - Site Access	1.61	0.00	0.00	0.00

**Demand (Veh/TS)**

12:30 - 12:45

		To			
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access
From	A - L4012 N	0.00	0.00	1.20	1.28
	B - L8092 E	0.00	0.00	1.20	0.00
	C - L4012 S	1.20	0.00	0.00	0.00
	D - Site Access	1.61	0.00	0.00	0.00

**Demand (Veh/TS)**

12:45 - 13:00

		To			
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access
From	A - L4012 N	0.00	0.00	7.44	1.28
	B - L8092 E	0.00	0.00	0.00	0.00
	C - L4012 S	2.39	0.00	0.00	0.00
	D - Site Access	1.61	0.00	0.00	0.00

**Demand (Veh/TS)**

13:00 - 13:15

		To			
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access
From	A - L4012 N	0.00	0.00	5.98	2.10
	B - L8092 E	1.20	0.00	0.00	0.00
	C - L4012 S	3.59	0.00	0.00	0.00
	D - Site Access	2.25	0.00	0.00	0.00

**Demand (Veh/TS)**

13:15 - 13:30

		To			
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access
From	A - L4012 N	0.00	1.20	2.39	2.10
	B - L8092 E	0.00	0.00	0.00	0.00
	C - L4012 S	4.78	0.00	0.00	0.00
	D - Site Access	2.25	0.00	0.00	0.00

**Demand (Veh/TS)**

13:30 - 13:45

		To			
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access
From	A - L4012 N	0.00	0.00	2.39	2.10
	B - L8092 E	1.20	0.00	0.00	0.00
	C - L4012 S	4.78	0.00	0.00	0.00
	D - Site Access	2.25	0.00	0.00	0.00

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**Demand (Veh/TS)**

13:45 - 14:00

		To			
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access
From	A - L4012 N	0.00	2.39	1.20	2.10
	B - L8092 E	0.00	0.00	0.00	0.00
	C - L4012 S	3.59	0.00	0.00	0.00
	D - Site Access	2.25	0.00	0.00	0.00

**Demand (Veh/TS)**

14:00 - 14:15

		To			
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access
From	A - L4012 N	0.00	2.65	1.20	2.34
	B - L8092 E	0.00	0.00	0.00	0.00
	C - L4012 S	2.65	0.00	0.00	0.00
	D - Site Access	2.40	0.00	0.00	0.00

**Demand (Veh/TS)**

14:15 - 14:30

		To			
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access
From	A - L4012 N	0.00	0.00	1.46	2.34
	B - L8092 E	2.39	0.00	0.00	0.00
	C - L4012 S	2.39	0.00	0.00	0.00
	D - Site Access	2.40	0.00	0.00	0.00

**Demand (Veh/TS)**

14:30 - 14:45

		To			
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access
From	A - L4012 N	0.00	1.20	4.78	2.34
	B - L8092 E	2.39	0.00	0.00	0.00
	C - L4012 S	2.39	0.00	0.00	0.00
	D - Site Access	2.40	0.00	0.00	0.00

**Demand (Veh/TS)**

14:45 - 15:00

		To			
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access
From	A - L4012 N	0.00	0.00	7.70	2.34
	B - L8092 E	0.00	0.00	0.00	0.00
	C - L4012 S	0.00	1.20	0.00	0.00
	D - Site Access	2.40	0.00	0.00	0.00

**Demand (Veh/TS)**

15:00 - 15:15

		To			
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access
From	A - L4012 N	0.00	1.20	6.24	1.86
	B - L8092 E	1.20	0.00	0.00	0.00
	C - L4012 S	6.24	0.00	0.00	0.00
	D - Site Access	1.56	0.00	0.00	0.00

**Demand (Veh/TS)**

15:15 - 15:30

		To			
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access
From	A - L4012 N	0.00	1.20	5.98	1.86
	B - L8092 E	0.00	0.00	0.00	0.00
	C - L4012 S	3.59	0.00	0.00	0.00
	D - Site Access	1.56	0.00	0.00	0.00

**Demand (Veh/TS)**

15:30 - 15:45

		To			
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access
From	A - L4012 N	0.00	1.20	2.39	1.86
	B - L8092 E	0.00	0.00	0.00	0.00
	C - L4012 S	5.04	0.00	0.00	0.00
	D - Site Access	1.56	0.00	0.00	0.00

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Demand (Veh/TS)

		To				
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access	
15:45 - 16:00	From	A - L4012 N	0.00	0.00	3.59	1.86
		B - L8092 E	0.00	0.00	0.00	0.00
		C - L4012 S	1.20	0.00	0.00	0.00
		D - Site Access	1.56	0.00	0.00	0.00

Demand (Veh/TS)

		To				
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access	
16:00 - 16:15	From	A - L4012 N	0.00	3.59	8.37	1.44
		B - L8092 E	0.00	0.00	0.00	0.00
		C - L4012 S	3.59	0.00	0.00	0.00
		D - Site Access	1.48	0.00	0.00	0.00

Demand (Veh/TS)

		To				
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access	
16:15 - 16:30	From	A - L4012 N	0.00	2.39	11.02	1.44
		B - L8092 E	2.39	0.00	0.00	0.00
		C - L4012 S	6.24	1.20	0.00	0.00
		D - Site Access	3.48	0.00	0.00	0.00

Demand (Veh/TS)

		To				
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access	
16:30 - 16:45	From	A - L4012 N	0.00	1.20	9.57	1.44
		B - L8092 E	0.00	0.00	0.00	0.00
		C - L4012 S	9.83	0.00	0.00	0.00
		D - Site Access	3.48	0.00	0.00	0.00

Demand (Veh/TS)

		To				
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access	
16:45 - 17:00	From	A - L4012 N	0.00	1.20	9.57	1.44
		B - L8092 E	2.39	0.00	0.00	0.00
		C - L4012 S	1.20	0.00	0.00	0.00
		D - Site Access	3.48	0.00	0.00	0.00

Demand (Veh/TS)

		To				
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access	
17:00 - 17:15	From	A - L4012 N	0.00	7.44	8.63	0.50
		B - L8092 E	1.20	0.00	0.00	0.00
		C - L4012 S	1.20	1.20	0.00	0.00
		D - Site Access	3.76	0.00	0.00	0.00

Demand (Veh/TS)

		To				
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access	
17:15 - 17:30	From	A - L4012 N	0.00	4.78	8.63	0.50
		B - L8092 E	0.00	0.00	1.20	0.00
		C - L4012 S	4.78	0.00	0.00	0.00
		D - Site Access	1.76	0.00	0.00	0.00

Demand (Veh/TS)

		To				
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access	
17:30 - 17:45	From	A - L4012 N	0.00	0.00	8.37	0.50
		B - L8092 E	1.20	0.00	0.00	0.00
		C - L4012 S	2.39	0.00	0.00	0.00
		D - Site Access	1.76	0.00	0.00	0.00

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**Demand (Veh/TS)**

17:45 - 18:00

		To			
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access
From	A - L4012 N	0.00	2.39	10.76	0.50
	B - L8092 E	1.20	0.00	1.20	0.00
	C - L4012 S	5.04	0.00	0.00	0.00
	D - Site Access	1.76	0.00	0.00	0.00

**Demand (Veh/TS)**

18:00 - 18:15

		To			
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access
From	A - L4012 N	0.00	3.59	2.39	0.11
	B - L8092 E	2.39	0.00	0.00	0.00
	C - L4012 S	4.78	0.00	0.00	0.00
	D - Site Access	0.51	0.00	0.00	0.00

**Demand (Veh/TS)**

18:15 - 18:30

		To			
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access
From	A - L4012 N	0.00	0.00	7.18	0.11
	B - L8092 E	0.00	0.00	0.00	0.00
	C - L4012 S	1.20	0.00	0.00	0.00
	D - Site Access	0.51	0.00	0.00	0.00

**Demand (Veh/TS)**

18:30 - 18:45

		To			
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access
From	A - L4012 N	0.00	5.04	7.18	0.11
	B - L8092 E	1.20	0.00	1.20	0.00
	C - L4012 S	1.20	0.00	0.00	0.00
	D - Site Access	0.51	0.00	0.00	0.00

**Demand (Veh/TS)**

18:45 - 19:00

		To			
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access
From	A - L4012 N	0.00	2.39	7.18	0.11
	B - L8092 E	1.20	0.00	0.00	0.00
	C - L4012 S	5.98	0.00	0.00	0.00
	D - Site Access	0.51	0.00	0.00	0.00

**Vehicle Mix**

**Heavy Vehicle Percentages**

07:00 - 07:15

		To			
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access
From	A - L4012 N	0	0	0	100
	B - L8092 E	0	0	0	0
	C - L4012 S	0	0	0	0
	D - Site Access	100	0	0	0

**Heavy Vehicle Percentages**

07:15 - 07:30

		To			
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access
From	A - L4012 N	0	0	0	100
	B - L8092 E	100	0	0	0
	C - L4012 S	0	0	0	0
	D - Site Access	100	0	0	0

**Heavy Vehicle Percentages**

07:30 - 07:45

		To			
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access
From	A - L4012 N	0	0	0	100
	B - L8092 E	0	0	0	0
	C - L4012 S	0	0	0	0
	D - Site Access	100	0	0	0

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Heavy Vehicle Percentages

		To				
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access	
07:45 - 08:00	From	A - L4012 N	0	0	0	100
		B - L8092 E	0	0	0	0
		C - L4012 S	0	0	0	0
		D - Site Access	100	0	0	0

Heavy Vehicle Percentages

		To				
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access	
08:00 - 08:15	From	A - L4012 N	0	0	100	52
		B - L8092 E	0	0	0	0
		C - L4012 S	0	0	0	0
		D - Site Access	100	0	0	0

Heavy Vehicle Percentages

		To				
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access	
08:15 - 08:30	From	A - L4012 N	0	0	0	52
		B - L8092 E	0	0	0	0
		C - L4012 S	20	0	0	0
		D - Site Access	100	0	0	0

Heavy Vehicle Percentages

		To				
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access	
08:30 - 08:45	From	A - L4012 N	0	0	0	52
		B - L8092 E	0	0	0	0
		C - L4012 S	0	0	0	0
		D - Site Access	100	0	0	0

Heavy Vehicle Percentages

		To				
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access	
08:45 - 09:00	From	A - L4012 N	0	0	0	52
		B - L8092 E	29	0	0	0
		C - L4012 S	0	0	0	0
		D - Site Access	100	0	0	0

Heavy Vehicle Percentages

		To				
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access	
09:00 - 09:15	From	A - L4012 N	0	0	0	100
		B - L8092 E	0	0	0	0
		C - L4012 S	0	0	0	0
		D - Site Access	100	0	0	0

Heavy Vehicle Percentages

		To				
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access	
09:15 - 09:30	From	A - L4012 N	0	0	0	100
		B - L8092 E	0	0	0	0
		C - L4012 S	23	0	0	0
		D - Site Access	100	0	0	0

Heavy Vehicle Percentages

		To				
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access	
09:30 - 09:45	From	A - L4012 N	0	100	0	100
		B - L8092 E	0	0	0	0
		C - L4012 S	45	0	0	0
		D - Site Access	100	0	0	0

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**Heavy Vehicle Percentages**

		To				
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access	
09:45 - 10:00	From	A - L4012 N	0	0	0	100
		B - L8092 E	0	0	0	0
		C - L4012 S	55	0	0	0
		D - Site Access	100	0	0	0

**Heavy Vehicle Percentages**

		To				
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access	
10:00 - 10:15	From	A - L4012 N	0	0	0	100
		B - L8092 E	0	0	0	0
		C - L4012 S	0	0	0	0
		D - Site Access	100	0	0	0

**Heavy Vehicle Percentages**

		To				
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access	
10:15 - 10:30	From	A - L4012 N	0	0	0	100
		B - L8092 E	0	0	0	0
		C - L4012 S	0	0	0	0
		D - Site Access	100	0	0	0

**Heavy Vehicle Percentages**

		To				
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access	
10:30 - 10:45	From	A - L4012 N	0	0	0	100
		B - L8092 E	0	0	0	0
		C - L4012 S	0	0	0	0
		D - Site Access	100	0	0	0

**Heavy Vehicle Percentages**

		To				
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access	
10:45 - 11:00	From	A - L4012 N	0	0	0	100
		B - L8092 E	0	0	0	0
		C - L4012 S	0	0	0	0
		D - Site Access	100	0	0	0

**Heavy Vehicle Percentages**

		To				
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access	
11:00 - 11:15	From	A - L4012 N	0	0	0	100
		B - L8092 E	0	0	0	0
		C - L4012 S	0	0	0	0
		D - Site Access	100	0	0	0

**Heavy Vehicle Percentages**

		To				
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access	
11:15 - 11:30	From	A - L4012 N	0	0	0	100
		B - L8092 E	0	0	0	0
		C - L4012 S	0	0	0	0
		D - Site Access	100	0	0	0

**Heavy Vehicle Percentages**

		To				
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access	
11:30 - 11:45	From	A - L4012 N	0	0	55	100
		B - L8092 E	0	0	0	0
		C - L4012 S	0	0	0	0
		D - Site Access	100	0	0	0

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Heavy Vehicle Percentages

		To				
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access	
11:45 - 12:00	From	A - L4012 N	0	0	0	100
		B - L8092 E	0	0	0	0
		C - L4012 S	0	0	0	0
		D - Site Access	100	0	0	0

Heavy Vehicle Percentages

		To				
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access	
12:00 - 12:15	From	A - L4012 N	0	0	0	100
		B - L8092 E	0	0	0	0
		C - L4012 S	0	0	0	0
		D - Site Access	100	0	0	0

Heavy Vehicle Percentages

		To				
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access	
12:15 - 12:30	From	A - L4012 N	0	0	0	100
		B - L8092 E	0	0	0	0
		C - L4012 S	0	0	0	0
		D - Site Access	100	0	0	0

Heavy Vehicle Percentages

		To				
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access	
12:30 - 12:45	From	A - L4012 N	0	0	0	100
		B - L8092 E	0	0	0	0
		C - L4012 S	0	0	0	0
		D - Site Access	100	0	0	0

Heavy Vehicle Percentages

		To				
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access	
12:45 - 13:00	From	A - L4012 N	0	0	20	100
		B - L8092 E	0	0	0	0
		C - L4012 S	0	0	0	0
		D - Site Access	100	0	0	0

Heavy Vehicle Percentages

		To				
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access	
13:00 - 13:15	From	A - L4012 N	0	0	0	100
		B - L8092 E	0	0	0	0
		C - L4012 S	0	0	0	0
		D - Site Access	100	0	0	0

Heavy Vehicle Percentages

		To				
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access	
13:15 - 13:30	From	A - L4012 N	0	0	0	100
		B - L8092 E	0	0	0	0
		C - L4012 S	0	0	0	0
		D - Site Access	100	0	0	0

Heavy Vehicle Percentages

		To				
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access	
13:30 - 13:45	From	A - L4012 N	0	0	0	100
		B - L8092 E	0	0	0	0
		C - L4012 S	0	0	0	0
		D - Site Access	100	0	0	0

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Heavy Vehicle Percentages

		To				
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access	
13:45 - 14:00	From	A - L4012 N	0	0	0	100
		B - L8092 E	0	0	0	0
		C - L4012 S	0	0	0	0
		D - Site Access	100	0	0	0

Heavy Vehicle Percentages

		To				
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access	
14:00 - 14:15	From	A - L4012 N	0	55	0	100
		B - L8092 E	0	0	0	0
		C - L4012 S	55	0	0	0
		D - Site Access	100	0	0	0

Heavy Vehicle Percentages

		To				
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access	
14:15 - 14:30	From	A - L4012 N	0	0	100	100
		B - L8092 E	0	0	0	0
		C - L4012 S	0	0	0	0
		D - Site Access	100	0	0	0

Heavy Vehicle Percentages

		To				
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access	
14:30 - 14:45	From	A - L4012 N	0	0	0	100
		B - L8092 E	0	0	0	0
		C - L4012 S	0	0	0	0
		D - Site Access	100	0	0	0

Heavy Vehicle Percentages

		To				
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access	
14:45 - 15:00	From	A - L4012 N	0	0	38	100
		B - L8092 E	0	0	0	0
		C - L4012 S	0	0	0	0
		D - Site Access	100	0	0	0

Heavy Vehicle Percentages

		To				
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access	
15:00 - 15:15	From	A - L4012 N	0	0	23	100
		B - L8092 E	0	0	0	0
		C - L4012 S	23	0	0	0
		D - Site Access	100	0	0	0

Heavy Vehicle Percentages

		To				
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access	
15:15 - 15:30	From	A - L4012 N	0	0	0	100
		B - L8092 E	0	0	0	0
		C - L4012 S	0	0	0	0
		D - Site Access	100	0	0	0

Heavy Vehicle Percentages

		To				
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access	
15:30 - 15:45	From	A - L4012 N	0	0	0	100
		B - L8092 E	0	0	0	0
		C - L4012 S	29	0	0	0
		D - Site Access	100	0	0	0

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Heavy Vehicle Percentages

		To				
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access	
15:45 - 16:00	From	A - L4012 N	0	0	0	100
		B - L8092 E	0	0	0	0
		C - L4012 S	0	0	0	0
		D - Site Access	100	0	0	0

Heavy Vehicle Percentages

		To				
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access	
16:00 - 16:15	From	A - L4012 N	0	0	0	100
		B - L8092 E	0	0	0	0
		C - L4012 S	0	0	0	0
		D - Site Access	100	0	0	0

Heavy Vehicle Percentages

		To				
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access	
16:15 - 16:30	From	A - L4012 N	0	0	13	100
		B - L8092 E	0	0	0	0
		C - L4012 S	23	0	0	0
		D - Site Access	42	0	0	0

Heavy Vehicle Percentages

		To				
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access	
16:30 - 16:45	From	A - L4012 N	0	0	0	100
		B - L8092 E	0	0	0	0
		C - L4012 S	15	0	0	0
		D - Site Access	42	0	0	0

Heavy Vehicle Percentages

		To				
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access	
16:45 - 17:00	From	A - L4012 N	0	0	0	100
		B - L8092 E	0	0	0	0
		C - L4012 S	0	0	0	0
		D - Site Access	42	0	0	0

Heavy Vehicle Percentages

		To				
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access	
17:00 - 17:15	From	A - L4012 N	0	20	17	100
		B - L8092 E	0	0	0	0
		C - L4012 S	0	0	0	0
		D - Site Access	47	0	0	0

Heavy Vehicle Percentages

		To				
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access	
17:15 - 17:30	From	A - L4012 N	0	0	17	100
		B - L8092 E	0	0	0	0
		C - L4012 S	0	0	0	0
		D - Site Access	100	0	0	0

Heavy Vehicle Percentages

		To				
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access	
17:30 - 17:45	From	A - L4012 N	0	0	0	100
		B - L8092 E	0	0	0	0
		C - L4012 S	0	0	0	0
		D - Site Access	100	0	0	0

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### Heavy Vehicle Percentages

		To				
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access	
17:45 - 18:00	From	A - L4012 N	0	0	0	100
		B - L8092 E	0	0	0	0
		C - L4012 S	29	0	0	0
		D - Site Access	100	0	0	0

### Heavy Vehicle Percentages

		To				
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access	
18:00 - 18:15	From	A - L4012 N	0	0	0	100
		B - L8092 E	0	0	0	0
		C - L4012 S	0	0	0	0
		D - Site Access	100	0	0	0

### Heavy Vehicle Percentages

		To				
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access	
18:15 - 18:30	From	A - L4012 N	0	0	0	100
		B - L8092 E	0	0	0	0
		C - L4012 S	0	0	0	0
		D - Site Access	100	0	0	0

### Heavy Vehicle Percentages

		To				
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access	
18:30 - 18:45	From	A - L4012 N	0	29	0	100
		B - L8092 E	0	0	0	0
		C - L4012 S	0	0	0	0
		D - Site Access	100	0	0	0

### Heavy Vehicle Percentages

		To				
		A - L4012 N	B - L8092 E	C - L4012 S	D - Site Access	
18:45 - 19:00	From	A - L4012 N	0	0	0	100
		B - L8092 E	0	0	0	0
		C - L4012 S	0	0	0	0
		D - Site Access	100	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	0.01	5.08	0.0	A	0.12	5.98
B-AD	0.05	10.16	0.1	B	1.06	50.75
A-BCD	0.04	11.73	0.0	B	2.03	97.40
A-B					1.27	60.91
A-C					4.37	210.00
D-AB	0.03	9.86	0.0	A	1.92	92.00
D-BC	0.00	0.00	0.0	A	0.00	0.00
C-ABD	0.01	5.20	0.0	A	0.20	9.73
C-D					0.00	0.00
C-A					3.69	177.31

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## 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	0.00	0.00	145.15	0.000	0.00	0.0	0.0	0.000	A
B-AD	1.20	1.20	139.45	0.009	1.19	0.0	0.0	6.508	A
A-BCD	3.34	3.34	81.39	0.041	3.30	0.0	0.0	11.520	B
A-B	1.15	1.15			1.15				
A-C	2.29	2.29			2.29				
D-AB	1.86	1.86	94.16	0.020	1.84	0.0	0.0	9.745	A
D-BC	0.00	0.00	116.04	0.000	0.00	0.0	0.0	0.000	A
C-ABD	0.00	0.00	176.30	0.000	0.00	0.0	0.0	0.000	A
C-D	0.00	0.00			0.00				
C-A	4.78	4.78			4.78				

### 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	0.00	0.00	144.80	0.000	0.00	0.0	0.0	0.000	A
B-AD	1.46	1.46	69.98	0.021	1.45	0.0	0.0	10.155	B
A-BCD	3.30	3.30	80.42	0.041	3.30	0.0	0.0	11.626	B
A-B	0.00	0.00			0.00				
A-C	2.29	2.29			2.29				
D-AB	1.86	1.86	94.16	0.020	1.86	0.0	0.0	9.749	A
D-BC	0.00	0.00	116.00	0.000	0.00	0.0	0.0	0.000	A
C-ABD	0.00	0.00	176.58	0.000	0.00	0.0	0.0	0.000	A
C-D	0.00	0.00			0.00				
C-A	4.78	4.78			4.78				

### 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	0.00	0.00	144.46	0.000	0.00	0.0	0.0	0.000	A
B-AD	3.59	3.59	138.52	0.026	3.57	0.0	0.0	8.620	A
A-BCD	3.30	3.30	80.00	0.041	3.30	0.0	0.0	11.734	B
A-B	1.15	1.15			1.15				
A-C	1.15	1.15			1.15				
D-AB	1.86	1.86	93.66	0.020	1.86	0.0	0.0	9.803	A
D-BC	0.00	0.00	115.29	0.000	0.00	0.0	0.0	0.000	A
C-ABD	0.00	0.00	176.58	0.000	0.00	0.0	0.0	0.000	A
C-D	0.00	0.00			0.00				
C-A	8.37	8.37			8.37				

### 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	0.00	0.00	145.35	0.000	0.00	0.0	0.0	0.000	A
B-AD	1.20	1.20	139.80	0.009	1.22	0.0	0.0	6.494	A
A-BCD	3.35	3.35	81.68	0.041	3.35	0.0	0.0	11.533	B
A-B	1.15	1.15			1.15				
A-C	2.29	2.29			2.29				
D-AB	1.86	1.86	94.50	0.020	1.86	0.0	0.0	9.714	A
D-BC	0.00	0.00	116.51	0.000	0.00	0.0	0.0	0.000	A
C-ABD	0.00	0.00	176.26	0.000	0.00	0.0	0.0	0.000	A
C-D	0.00	0.00			0.00				
C-A	2.39	2.39			2.39				

### 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	0.00	0.00	144.97	0.000	0.00	0.0	0.0	0.000	A
B-AD	0.00	0.00	138.64	0.000	0.01	0.0	0.0	0.000	A
A-BCD	4.26	4.26	104.30	0.041	4.25	0.0	0.0	10.157	B
A-B	1.15	1.15			1.15				
A-C	1.40	1.40			1.40				
D-AB	1.96	1.96	93.99	0.021	1.96	0.0	0.0	9.778	A
D-BC	0.00	0.00	115.53	0.000	0.00	0.0	0.0	0.000	A
C-ABD	1.24	1.24	179.80	0.007	1.23	0.0	0.0	5.039	A
C-D	0.00	0.00			0.00				
C-A	5.94	5.94			5.94				

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	0.00	0.00	144.59	0.000	0.00	0.0	0.0	0.000	A
B-AD	1.20	1.20	138.56	0.009	1.19	0.0	0.0	6.551	A
A-BCD	4.29	4.29	105.48	0.041	4.30	0.0	0.0	8.951	A
A-B	0.00	0.00			0.00				
A-C	3.44	3.44			3.44				
D-AB	1.96	1.96	93.58	0.021	1.96	0.0	0.0	9.822	A
D-BC	0.00	0.00	115.10	0.000	0.00	0.0	0.0	0.000	A
C-ABD	0.00	0.00	176.31	0.000	0.01	0.0	0.0	0.000	A
C-D	0.00	0.00			0.00				
C-A	7.44	7.44			7.44				

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	1.20	1.20	181.28	0.007	1.19	0.0	0.0	4.997	A
B-AD	1.20	1.20	139.59	0.009	1.20	0.0	0.0	6.502	A
A-BCD	4.44	4.44	108.34	0.041	4.44	0.0	0.0	8.712	A
A-B	0.00	0.00			0.00				
A-C	6.88	6.88			6.88				
D-AB	1.96	1.96	93.66	0.021	1.96	0.0	0.0	9.814	A
D-BC	0.00	0.00	114.61	0.000	0.00	0.0	0.0	0.000	A
C-ABD	0.00	0.00	173.23	0.000	0.00	0.0	0.0	0.000	A
C-D	0.00	0.00			0.00				
C-A	8.37	8.37			8.37				

08:45 - 09:00

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-CD	0.00	0.00	163.91	0.000	0.01	0.0	0.0	0.000	A
B-AD	5.04	5.04	107.24	0.047	5.01	0.0	0.0	8.408	A
A-BCD	4.39	4.39	107.36	0.041	4.39	0.0	0.0	8.724	A
A-B	2.29	2.29			2.29				
A-C	3.44	3.44			3.44				
D-AB	1.96	1.96	93.82	0.021	1.96	0.0	0.0	9.796	A
D-BC	0.00	0.00	114.78	0.000	0.00	0.0	0.0	0.000	A
C-ABD	1.25	1.25	180.05	0.007	1.24	0.0	0.0	5.033	A
C-D	0.00	0.00			0.00				
C-A	7.13	7.13			7.13				

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	0.00	0.00	145.22	0.000	0.00	0.0	0.0	0.000	A
B-AD	1.20	1.20	138.03	0.009	1.23	0.0	0.0	8.046	A
A-BCD	2.75	2.75	81.87	0.034	2.76	0.0	0.0	9.698	A
A-B	0.00	0.00			0.00				
A-C	3.47	3.47			3.47				
D-AB	2.20	2.20	94.33	0.023	2.20	0.0	0.0	9.768	A
D-BC	0.00	0.00	116.53	0.000	0.00	0.0	0.0	0.000	A
C-ABD	0.00	0.00	176.71	0.000	0.01	0.0	0.0	0.000	A
C-D	0.00	0.00			0.00				
C-A	3.59	3.59			3.59				

09:15 - 09:30

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-CD	0.00	0.00	144.52	0.000	0.00	0.0	0.0	0.000	A
B-AD	3.59	3.59	139.20	0.026	3.57	0.0	0.0	6.635	A
A-BCD	2.71	2.71	80.08	0.034	2.70	0.0	0.0	11.588	B
A-B	0.00	0.00			0.00				
A-C	2.31	2.31			2.31				
D-AB	2.20	2.20	93.75	0.023	2.20	0.0	0.0	9.830	A
D-BC	0.00	0.00	115.70	0.000	0.00	0.0	0.0	0.000	A
C-ABD	0.00	0.00	172.01	0.000	0.00	0.0	0.0	0.000	A
C-D	0.00	0.00			0.00				
C-A	6.24	6.24			6.24				

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	0.00	0.00	145.30	0.000	0.00	0.0	0.0	0.000	A
B-AD	0.00	0.00	138.93	0.000	0.03	0.0	0.0	0.000	A
A-BCD	2.72	2.72	79.84	0.034	2.71	0.0	0.0	11.624	B
A-B	1.41	1.41			1.41				
A-C	1.15	1.15			1.15				
D-AB	2.20	2.20	93.51	0.024	2.20	0.0	0.0	9.856	A
D-BC	0.00	0.00	115.49	0.000	0.00	0.0	0.0	0.000	A
C-ABD	0.00	0.00	164.92	0.000	0.00	0.0	0.0	0.000	A
C-D	0.00	0.00			0.00				
C-A	6.50	6.50			6.50				

09:45 - 10:00

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-CD	0.00	0.00	160.58	0.000	0.00	0.0	0.0	0.000	A
B-AD	0.00	0.00	142.32	0.000	0.00	0.0	0.0	0.000	A
A-BCD	2.71	2.71	80.49	0.034	2.71	0.0	0.0	11.617	B
A-B	1.16	1.16			1.16				
A-C	1.16	1.16			1.16				
D-AB	2.20	2.20	94.26	0.023	2.20	0.0	0.0	9.776	A
D-BC	0.00	0.00	116.72	0.000	0.00	0.0	0.0	0.000	A
C-ABD	0.00	0.00	160.35	0.000	0.00	0.0	0.0	0.000	A
C-D	0.00	0.00			0.00				
C-A	2.65	2.65			2.65				

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	0.00	0.00	145.38	0.000	0.00	0.0	0.0	0.000	A
B-AD	2.39	2.39	140.41	0.017	2.37	0.0	0.0	6.520	A
A-BCD	1.75	1.75	81.55	0.021	1.76	0.0	0.0	11.332	B
A-B	1.17	1.17			1.17				
A-C	2.34	2.34			2.34				
D-AB	1.81	1.81	94.33	0.019	1.81	0.0	0.0	9.730	A
D-BC	0.00	0.00	117.12	0.000	0.00	0.0	0.0	0.000	A
C-ABD	0.00	0.00	168.67	0.000	0.00	0.0	0.0	0.000	A
C-D	0.00	0.00			0.00				
C-A	3.59	3.59			3.59				

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	0.00	0.00	146.05	0.000	0.00	0.0	0.0	0.000	A
B-AD	0.00	0.00	140.62	0.000	0.02	0.0	0.0	0.000	A
A-BCD	1.75	1.75	81.83	0.021	1.75	0.0	0.0	11.239	B
A-B	0.00	0.00			0.00				
A-C	3.51	3.51			3.51				
D-AB	1.81	1.81	94.67	0.019	1.81	0.0	0.0	9.693	A
D-BC	0.00	0.00	117.68	0.000	0.00	0.0	0.0	0.000	A
C-ABD	0.00	0.00	172.95	0.000	0.00	0.0	0.0	0.000	A
C-D	0.00	0.00			0.00				
C-A	1.20	1.20			1.20				

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-CD	0.00	0.00	160.55	0.000	0.00	0.0	0.0	0.000	A
B-AD	0.00	0.00	142.78	0.000	0.00	0.0	0.0	0.000	A
A-BCD	1.77	1.77	82.81	0.021	1.77	0.0	0.0	11.147	B
A-B	1.17	1.17			1.17				
A-C	3.51	3.51			3.51				
D-AB	1.81	1.81	94.67	0.019	1.81	0.0	0.0	9.693	A
D-BC	0.00	0.00	117.60	0.000	0.00	0.0	0.0	0.000	A
C-ABD	0.00	0.00	174.85	0.000	0.00	0.0	0.0	0.000	A
C-D	0.00	0.00			0.00				
C-A	1.20	1.20			1.20				

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	0.00	0.00	145.70	0.000	0.00	0.0	0.0	0.000	A
B-AD	1.20	1.20	140.42	0.009	1.19	0.0	0.0	6.463	A
A-BCD	1.75	1.75	81.56	0.021	1.75	0.0	0.0	11.238	B
A-B	1.17	1.17			1.17				
A-C	2.34	2.34			2.34				
D-AB	1.81	1.81	94.33	0.019	1.81	0.0	0.0	9.727	A
D-BC	0.00	0.00	117.19	0.000	0.00	0.0	0.0	0.000	A
C-ABD	0.00	0.00	176.30	0.000	0.00	0.0	0.0	0.000	A
C-D	0.00	0.00			0.00				
C-A	3.59	3.59			3.59				

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	0.00	0.00	146.02	0.000	0.00	0.0	0.0	0.000	A
B-AD	1.20	1.20	140.99	0.008	1.20	0.0	0.0	6.437	A
A-BCD	1.78	1.78	80.84	0.022	1.78	0.0	0.0	11.341	B
A-B	0.00	0.00			0.00				
A-C	2.34	2.34			2.34				
D-AB	1.61	1.61	94.67	0.017	1.61	0.0	0.0	9.673	A
D-BC	0.00	0.00	117.74	0.000	0.00	0.0	0.0	0.000	A
C-ABD	0.00	0.00	177.14	0.000	0.00	0.0	0.0	0.000	A
C-D	0.00	0.00			0.00				
C-A	1.20	1.20			1.20				

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	0.00	0.00	146.10	0.000	0.00	0.0	0.0	0.000	A
B-AD	0.00	0.00	140.68	0.000	0.01	0.0	0.0	0.000	A
A-BCD	1.80	1.80	81.68	0.022	1.80	0.0	0.0	11.308	B
A-B	1.17	1.17			1.17				
A-C	2.34	2.34			2.34				
D-AB	1.61	1.61	94.50	0.017	1.61	0.0	0.0	9.690	A
D-BC	0.00	0.00	117.47	0.000	0.00	0.0	0.0	0.000	A
C-ABD	0.00	0.00	177.11	0.000	0.00	0.0	0.0	0.000	A
C-D	0.00	0.00			0.00				
C-A	2.39	2.39			2.39				

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	0.00	0.00	145.38	0.000	0.00	0.0	0.0	0.000	A
B-AD	1.20	1.20	140.25	0.009	1.19	0.0	0.0	6.471	A
A-BCD	1.81	1.81	81.65	0.022	1.81	0.0	0.0	11.232	B
A-B	1.17	1.17			1.17				
A-C	2.59	2.59			2.59				
D-AB	1.61	1.61	94.50	0.017	1.61	0.0	0.0	9.688	A
D-BC	0.00	0.00	117.19	0.000	0.00	0.0	0.0	0.000	A
C-ABD	0.00	0.00	176.80	0.000	0.00	0.0	0.0	0.000	A
C-D	0.00	0.00			0.00				
C-A	2.39	2.39			2.39				

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	0.00	0.00	146.05	0.000	0.00	0.0	0.0	0.000	A
B-AD	1.20	1.20	140.86	0.008	1.20	0.0	0.0	6.443	A
A-BCD	1.75	1.75	79.65	0.022	1.75	0.0	0.0	11.510	B
A-B	0.00	0.00			0.00				
A-C	1.17	1.17			1.17				
D-AB	1.61	1.61	94.67	0.017	1.61	0.0	0.0	9.671	A
D-BC	0.00	0.00	117.65	0.000	0.00	0.0	0.0	0.000	A
C-ABD	1.20	1.20	178.76	0.007	1.20	0.0	0.0	5.068	A
C-D	0.00	0.00			0.00				
C-A	1.19	1.19			1.19				

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	0.00	0.00	145.34	0.000	0.00	0.0	0.0	0.000	A
B-AD	0.00	0.00	139.87	0.000	0.01	0.0	0.0	0.000	A
A-BCD	1.39	1.39	83.59	0.017	1.39	0.0	0.0	11.129	B
A-B	0.00	0.00			0.00				
A-C	5.88	5.88			5.88				
D-AB	1.61	1.61	94.67	0.017	1.61	0.0	0.0	9.671	A
D-BC	0.00	0.00	117.34	0.000	0.00	0.0	0.0	0.000	A
C-ABD	1.20	1.20	177.82	0.007	1.20	0.0	0.0	5.095	A
C-D	0.00	0.00			0.00				
C-A	1.19	1.19			1.19				

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	0.00	0.00	145.58	0.000	0.00	0.0	0.0	0.000	A
B-AD	2.39	2.39	140.85	0.017	2.37	0.0	0.0	6.499	A
A-BCD	1.34	1.34	81.78	0.016	1.35	0.0	0.0	11.109	B
A-B	1.18	1.18			1.18				
A-C	2.35	2.35			2.35				
D-AB	1.61	1.61	94.83	0.017	1.61	0.0	0.0	9.655	A
D-BC	0.00	0.00	117.87	0.000	0.00	0.0	0.0	0.000	A
C-ABD	1.20	1.20	177.74	0.007	1.20	0.0	0.0	5.097	A
C-D	0.00	0.00			0.00				
C-A	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-CD	1.20	1.20	181.05	0.007	1.19	0.0	0.0	5.003	A
B-AD	0.00	0.00	130.30	0.000	0.02	0.0	0.0	0.000	A
A-BCD	1.30	1.30	79.85	0.016	1.31	0.0	0.0	11.374	B
A-B	0.00	0.00			0.00				
A-C	1.18	1.18			1.18				
D-AB	1.61	1.61	94.67	0.017	1.61	0.0	0.0	9.671	A
D-BC	0.00	0.00	118.10	0.000	0.00	0.0	0.0	0.000	A
C-ABD	0.00	0.00	178.38	0.000	0.01	0.0	0.0	0.000	A
C-D	0.00	0.00			0.00				
C-A	1.20	1.20			1.20				

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	0.00	0.00	178.99	0.000	0.01	0.0	0.0	0.000	A
B-AD	0.00	0.00	128.71	0.000	0.00	0.0	0.0	0.000	A
A-BCD	1.41	1.41	84.59	0.017	1.41	0.0	0.0	10.969	B
A-B	0.00	0.00			0.00				
A-C	7.31	7.31			7.31				
D-AB	1.61	1.61	94.50	0.017	1.61	0.0	0.0	9.688	A
D-BC	0.00	0.00	116.96	0.000	0.00	0.0	0.0	0.000	A
C-ABD	0.00	0.00	176.33	0.000	0.00	0.0	0.0	0.000	A
C-D	0.00	0.00			0.00				
C-A	2.39	2.39			2.39				

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	0.00	0.00	144.82	0.000	0.00	0.0	0.0	0.000	A
B-AD	1.20	1.20	139.19	0.009	1.19	0.0	0.0	6.521	A
A-BCD	2.26	2.26	83.52	0.027	2.25	0.0	0.0	11.074	B
A-B	0.00	0.00			0.00				
A-C	5.82	5.82			5.82				
D-AB	2.25	2.25	94.33	0.024	2.24	0.0	0.0	9.773	A
D-BC	0.00	0.00	116.54	0.000	0.00	0.0	0.0	0.000	A
C-ABD	0.00	0.00	176.48	0.000	0.00	0.0	0.0	0.000	A
C-D	0.00	0.00			0.00				
C-A	3.59	3.59			3.59				

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	0.00	0.00	145.77	0.000	0.00	0.0	0.0	0.000	A
B-AD	0.00	0.00	139.78	0.000	0.01	0.0	0.0	0.000	A
A-BCD	2.20	2.20	81.43	0.027	2.20	0.0	0.0	11.278	B
A-B	1.16	1.16			1.16				
A-C	2.33	2.33			2.33				
D-AB	2.25	2.25	94.16	0.024	2.25	0.0	0.0	9.791	A
D-BC	0.00	0.00	116.74	0.000	0.00	0.0	0.0	0.000	A
C-ABD	0.00	0.00	177.11	0.000	0.00	0.0	0.0	0.000	A
C-D	0.00	0.00			0.00				
C-A	4.78	4.78			4.78				

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	0.00	0.00	145.57	0.000	0.00	0.0	0.0	0.000	A
B-AD	1.20	1.20	139.90	0.009	1.19	0.0	0.0	6.487	A
A-BCD	2.17	2.17	80.42	0.027	2.17	0.0	0.0	11.457	B
A-B	0.00	0.00			0.00				
A-C	2.33	2.33			2.33				
D-AB	2.25	2.25	94.16	0.024	2.25	0.0	0.0	9.791	A
D-BC	0.00	0.00	116.76	0.000	0.00	0.0	0.0	0.000	A
C-ABD	0.00	0.00	177.43	0.000	0.00	0.0	0.0	0.000	A
C-D	0.00	0.00			0.00				
C-A	4.78	4.78			4.78				

13:45 - 14:00

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-CD	0.00	0.00	146.05	0.000	0.00	0.0	0.0	0.000	A
B-AD	0.00	0.00	140.16	0.000	0.01	0.0	0.0	0.000	A
A-BCD	2.20	2.20	81.54	0.027	2.20	0.0	0.0	11.386	B
A-B	2.33	2.33			2.33				
A-C	1.16	1.16			1.16				
D-AB	2.25	2.25	94.33	0.024	2.25	0.0	0.0	9.773	A
D-BC	0.00	0.00	117.07	0.000	0.00	0.0	0.0	0.000	A
C-ABD	0.00	0.00	177.11	0.000	0.00	0.0	0.0	0.000	A
C-D	0.00	0.00			0.00				
C-A	3.59	3.59			3.59				

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	0.00	0.00	160.37	0.000	0.00	0.0	0.0	0.000	A
B-AD	0.00	0.00	142.12	0.000	0.00	0.0	0.0	0.000	A
A-BCD	2.46	2.46	81.45	0.030	2.45	0.0	0.0	11.352	B
A-B	2.57	2.57			2.57				
A-C	1.16	1.16			1.16				
D-AB	2.40	2.40	94.26	0.025	2.39	0.0	0.0	9.797	A
D-BC	0.00	0.00	116.70	0.000	0.00	0.0	0.0	0.000	A
C-ABD	0.00	0.00	165.13	0.000	0.00	0.0	0.0	0.000	A
C-D	0.00	0.00			0.00				
C-A	2.65	2.65			2.65				

14:15 - 14:30

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-CD	0.00	0.00	145.29	0.000	0.00	0.0	0.0	0.000	A
B-AD	2.39	2.39	139.95	0.017	2.37	0.0	0.0	6.541	A
A-BCD	2.38	2.38	79.67	0.030	2.39	0.0	0.0	11.559	B
A-B	0.00	0.00			0.00				
A-C	1.41	1.41			1.41				
D-AB	2.40	2.40	94.50	0.025	2.40	0.0	0.0	9.771	A
D-BC	0.00	0.00	116.98	0.000	0.00	0.0	0.0	0.000	A
C-ABD	0.00	0.00	171.23	0.000	0.00	0.0	0.0	0.000	A
C-D	0.00	0.00			0.00				
C-A	2.39	2.39			2.39				

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	0.00	0.00	144.71	0.000	0.00	0.0	0.0	0.000	A
B-AD	2.39	2.39	139.36	0.017	2.39	0.0	0.0	6.570	A
A-BCD	2.52	2.52	83.64	0.030	2.52	0.0	0.0	11.300	B
A-B	1.16	1.16			1.16				
A-C	4.64	4.64			4.64				
D-AB	2.40	2.40	94.50	0.025	2.40	0.0	0.0	9.771	A
D-BC	0.00	0.00	116.66	0.000	0.00	0.0	0.0	0.000	A
C-ABD	0.00	0.00	173.31	0.000	0.00	0.0	0.0	0.000	A
C-D	0.00	0.00			0.00				
C-A	2.39	2.39			2.39				

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	0.00	0.00	144.01	0.000	0.00	0.0	0.0	0.000	A
B-AD	0.00	0.00	137.96	0.000	0.02	0.0	0.0	0.000	A
A-BCD	2.58	2.58	84.66	0.030	2.58	0.0	0.0	10.923	B
A-B	0.00	0.00			0.00				
A-C	7.46	7.46			7.46				
D-AB	2.40	2.40	94.83	0.025	2.40	0.0	0.0	9.735	A
D-BC	0.00	0.00	116.34	0.000	0.00	0.0	0.0	0.000	A
C-ABD	1.20	1.20	175.05	0.007	1.19	0.0	0.0	5.176	A
C-D	0.00	0.00			0.00				
C-A	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-CD	0.00	0.00	143.97	0.000	0.00	0.0	0.0	0.000	A
B-AD	1.20	1.20	138.44	0.009	1.19	0.0	0.0	6.556	A
A-BCD	2.05	2.05	84.01	0.024	2.05	0.0	0.0	11.031	B
A-B	1.17	1.17			1.17				
A-C	6.09	6.09			6.09				
D-AB	1.56	1.56	93.75	0.017	1.57	0.0	0.0	9.764	A
D-BC	0.00	0.00	115.50	0.000	0.00	0.0	0.0	0.000	A
C-ABD	0.00	0.00	175.87	0.000	0.01	0.0	0.0	0.000	A
C-D	0.00	0.00			0.00				
C-A	6.24	6.24			6.24				

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	0.00	0.00	145.08	0.000	0.00	0.0	0.0	0.000	A
B-AD	0.00	0.00	139.54	0.000	0.01	0.0	0.0	0.000	A
A-BCD	2.04	2.04	84.53	0.024	2.04	0.0	0.0	10.952	B
A-B	1.17	1.17			1.17				
A-C	5.83	5.83			5.83				
D-AB	1.56	1.56	94.33	0.017	1.56	0.0	0.0	9.703	A
D-BC	0.00	0.00	116.66	0.000	0.00	0.0	0.0	0.000	A
C-ABD	0.00	0.00	173.43	0.000	0.00	0.0	0.0	0.000	A
C-D	0.00	0.00			0.00				
C-A	3.59	3.59			3.59				

15:30 - 15:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-CD	0.00	0.00	160.27	0.000	0.00	0.0	0.0	0.000	A
B-AD	0.00	0.00	142.19	0.000	0.00	0.0	0.0	0.000	A
A-BCD	1.95	1.95	81.24	0.024	1.95	0.0	0.0	11.229	B
A-B	1.17	1.17			1.17				
A-C	2.33	2.33			2.33				
D-AB	1.56	1.56	93.92	0.017	1.56	0.0	0.0	9.744	A
D-BC	0.00	0.00	116.53	0.000	0.00	0.0	0.0	0.000	A
C-ABD	0.00	0.00	169.74	0.000	0.00	0.0	0.0	0.000	A
C-D	0.00	0.00			0.00				
C-A	5.04	5.04			5.04				

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	0.00	0.00	160.61	0.000	0.00	0.0	0.0	0.000	A
B-AD	0.00	0.00	142.86	0.000	0.00	0.0	0.0	0.000	A
A-BCD	1.95	1.95	81.83	0.024	1.95	0.0	0.0	11.265	B
A-B	0.00	0.00			0.00				
A-C	3.50	3.50			3.50				
D-AB	1.56	1.56	94.67	0.017	1.56	0.0	0.0	9.668	A
D-BC	0.00	0.00	117.56	0.000	0.00	0.0	0.0	0.000	A
C-ABD	0.00	0.00	173.44	0.000	0.00	0.0	0.0	0.000	A
C-D	0.00	0.00			0.00				
C-A	1.20	1.20			1.20				

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	0.00	0.00	158.86	0.000	0.00	0.0	0.0	0.000	A
B-AD	0.00	0.00	141.12	0.000	0.00	0.0	0.0	0.000	A
A-BCD	1.67	1.67	88.46	0.019	1.68	0.0	0.0	10.648	B
A-B	3.52	3.52			3.52				
A-C	8.21	8.21			8.21				
D-AB	1.48	1.48	94.33	0.016	1.48	0.0	0.0	9.694	A
D-BC	0.00	0.00	116.44	0.000	0.00	0.0	0.0	0.000	A
C-ABD	0.00	0.00	173.45	0.000	0.00	0.0	0.0	0.000	A
C-D	0.00	0.00			0.00				
C-A	3.59	3.59			3.59				

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	0.00	0.00	142.26	0.000	0.00	0.0	0.0	0.000	A
B-AD	2.39	2.39	136.44	0.018	2.37	0.0	0.0	6.713	A
A-BCD	1.71	1.71	88.80	0.019	1.71	0.0	0.0	10.331	B
A-B	2.35	2.35			2.35				
A-C	10.81	10.81			10.81				
D-AB	3.48	3.48	131.34	0.026	3.46	0.0	0.0	7.895	A
D-BC	0.00	0.00	114.74	0.000	0.00	0.0	0.0	0.000	A
C-ABD	1.24	1.24	177.86	0.007	1.23	0.0	0.0	5.074	A
C-D	0.00	0.00			0.00				
C-A	6.20	6.20			6.20				

16:30 - 16:45

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-CD	0.00	0.00	143.62	0.000	0.00	0.0	0.0	0.000	A
B-AD	0.00	0.00	137.15	0.000	0.02	0.0	0.0	0.000	A
A-BCD	1.65	1.65	86.64	0.019	1.65	0.0	0.0	10.559	B
A-B	1.17	1.17			1.17				
A-C	9.38	9.38			9.38				
D-AB	3.48	3.48	130.87	0.027	3.48	0.0	0.0	7.064	A
D-BC	0.00	0.00	114.82	0.000	0.00	0.0	0.0	0.000	A
C-ABD	0.00	0.00	174.28	0.000	0.01	0.0	0.0	0.000	A
C-D	0.00	0.00			0.00				
C-A	9.83	9.83			9.83				

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	0.00	0.00	143.94	0.000	0.00	0.0	0.0	0.000	A
B-AD	2.39	2.39	138.76	0.017	2.37	0.0	0.0	6.598	A
A-BCD	1.65	1.65	87.79	0.019	1.65	0.0	0.0	10.445	B
A-B	1.17	1.17			1.17				
A-C	9.38	9.38			9.38				
D-AB	3.48	3.48	132.87	0.026	3.48	0.0	0.0	6.955	A
D-BC	0.00	0.00	116.82	0.000	0.00	0.0	0.0	0.000	A
C-ABD	0.00	0.00	171.61	0.000	0.00	0.0	0.0	0.000	A
C-D	0.00	0.00			0.00				
C-A	1.20	1.20			1.20				

17:00 - 17:15

Stream	Total Demand (Veh/TS)	Junction Arrivals (Veh)	Capacity (Veh/TS)	RFC	Throughput (Veh/TS)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-CD	0.00	0.00	143.41	0.000	0.00	0.0	0.0	0.000	A
B-AD	1.20	1.20	137.76	0.009	1.20	0.0	0.0	6.590	A
A-BCD	0.61	0.61	91.58	0.007	0.62	0.0	0.0	9.989	A
A-B	7.39	7.39			7.39				
A-C	8.57	8.57			8.57				
D-AB	3.76	3.76	129.01	0.029	3.76	0.0	0.0	7.082	A
D-BC	0.00	0.00	116.62	0.000	0.00	0.0	0.0	0.000	A
C-ABD	1.20	1.20	174.97	0.007	1.20	0.0	0.0	5.200	A
C-D	0.00	0.00			0.00				
C-A	1.19	1.19			1.19				

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	1.20	1.20	178.15	0.007	1.19	0.0	0.0	5.085	A
B-AD	0.00	0.00	127.56	0.000	0.01	0.0	0.0	0.000	A
A-BCD	0.59	0.59	89.32	0.007	0.59	0.0	0.0	10.106	B
A-B	4.75	4.75			4.75				
A-C	8.57	8.57			8.57				
D-AB	1.76	1.76	94.58	0.019	1.77	0.0	0.0	7.948	A
D-BC	0.00	0.00	116.33	0.000	0.00	0.0	0.0	0.000	A
C-ABD	0.00	0.00	175.34	0.000	0.01	0.0	0.0	0.000	A
C-D	0.00	0.00			0.00				
C-A	4.78	4.78			4.78				

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	0.00	0.00	164.58	0.000	0.01	0.0	0.0	0.000	A
B-AD	1.20	1.20	139.84	0.009	1.19	0.0	0.0	6.490	A
A-BCD	0.55	0.55	85.68	0.006	0.55	0.0	0.0	10.469	B
A-B	0.00	0.00			0.00				
A-C	8.32	8.32			8.32				
D-AB	1.76	1.76	94.50	0.019	1.76	0.0	0.0	9.704	A
D-BC	0.00	0.00	117.45	0.000	0.00	0.0	0.0	0.000	A
C-ABD	0.00	0.00	177.07	0.000	0.00	0.0	0.0	0.000	A
C-D	0.00	0.00			0.00				
C-A	2.39	2.39			2.39				

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	1.20	1.20	180.06	0.007	1.19	0.0	0.0	5.031	A
B-AD	1.20	1.20	140.20	0.009	1.20	0.0	0.0	6.473	A
A-BCD	0.59	0.59	89.14	0.007	0.59	0.0	0.0	10.294	B
A-B	2.38	2.38			2.38				
A-C	10.69	10.69			10.69				
D-AB	1.76	1.76	93.92	0.019	1.76	0.0	0.0	9.765	A
D-BC	0.00	0.00	115.98	0.000	0.00	0.0	0.0	0.000	A
C-ABD	0.00	0.00	169.67	0.000	0.00	0.0	0.0	0.000	A
C-D	0.00	0.00			0.00				
C-A	5.04	5.04			5.04				

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	0.00	0.00	165.35	0.000	0.01	0.0	0.0	0.000	A
B-AD	2.39	2.39	141.44	0.017	2.38	0.0	0.0	6.471	A
A-BCD	0.12	0.12	83.70	0.001	0.12	0.0	0.0	10.449	B
A-B	3.58	3.58			3.58				
A-C	2.39	2.39			2.39				
D-AB	0.51	0.51	94.16	0.005	0.52	0.0	0.0	9.614	A
D-BC	0.00	0.00	117.67	0.000	0.00	0.0	0.0	0.000	A
C-ABD	0.00	0.00	174.85	0.000	0.00	0.0	0.0	0.000	A
C-D	0.00	0.00			0.00				
C-A	4.78	4.78			4.78				

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	0.00	0.00	145.64	0.000	0.00	0.0	0.0	0.000	A
B-AD	0.00	0.00	141.17	0.000	0.02	0.0	0.0	0.000	A
A-BCD	0.12	0.12	84.80	0.001	0.12	0.0	0.0	10.655	B
A-B	0.00	0.00			0.00				
A-C	7.16	7.16			7.16				
D-AB	0.51	0.51	94.67	0.005	0.51	0.0	0.0	9.560	A
D-BC	0.00	0.00	118.15	0.000	0.00	0.0	0.0	0.000	A
C-ABD	0.00	0.00	176.10	0.000	0.00	0.0	0.0	0.000	A
C-D	0.00	0.00			0.00				
C-A	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-CD	1.20	1.20	180.69	0.007	1.19	0.0	0.0	5.013	A
B-AD	1.20	1.20	142.34	0.008	1.19	0.0	0.0	6.375	A
A-BCD	0.13	0.13	88.71	0.001	0.13	0.0	0.0	10.254	B
A-B	5.04	5.04			5.04				
A-C	7.16	7.16			7.16				
D-AB	0.51	0.51	94.67	0.005	0.51	0.0	0.0	9.558	A
D-BC	0.00	0.00	117.54	0.000	0.00	0.0	0.0	0.000	A
C-ABD	0.00	0.00	175.17	0.000	0.00	0.0	0.0	0.000	A
C-D	0.00	0.00			0.00				
C-A	1.20	1.20			1.20				

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	0.00	0.00	164.64	0.000	0.01	0.0	0.0	0.000	A
B-AD	1.20	1.20	140.17	0.009	1.20	0.0	0.0	6.475	A
A-BCD	0.12	0.12	86.24	0.001	0.12	0.0	0.0	10.423	B
A-B	2.39	2.39			2.39				
A-C	7.16	7.16			7.16				
D-AB	0.51	0.51	93.99	0.005	0.51	0.0	0.0	9.626	A
D-BC	0.00	0.00	116.93	0.000	0.00	0.0	0.0	0.000	A
C-ABD	0.00	0.00	176.65	0.000	0.00	0.0	0.0	0.000	A
C-D	0.00	0.00			0.00				
C-A	5.98	5.98			5.98				