

S|C|P

APPENDIX 21

Junctions 8	
PICADY 8 - Priority Intersection Module	
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Filename: Heathfield Nook Road - Ashbourne Picady 4.arc8

Path: Z:\Job Library\2012\12254 - Harper Hill, Buxton\Traffic Data

Report generation date: 07/08/2014 14:37:59

-
- » (Default Analysis Set) - BASE 2013, AM
 - » (Default Analysis Set) - BASE 2013, PM
 - » (Default Analysis Set) - BASE 2020, AM
 - » (Default Analysis Set) - BASE 2020, PM
 - » (Default Analysis Set) - BASE 2020 + Dev, AM
 - » (Default Analysis Set) - BASE 2020 + Dev, PM

Summary of junction performance

	AM				PM			
	Queue (PCU)	Delay (s)	RFC	LOS	Queue (PCU)	Delay (s)	RFC	LOS
A1 - BASE 2013								
Stream B-CD	0.14	6.98	0.12	A	0.06	6.85	0.06	A
Stream B-AD	0.02	8.13	0.02	A	0.02	8.84	0.02	A
Stream A-BCD	0.00	6.45	0.00	A	0.02	6.83	0.02	A
Stream A-B	-	-	-	-	-	-	-	-
Stream A-C	-	-	-	-	-	-	-	-
Stream D-AB	0.01	7.10	0.01	A	0.02	6.90	0.02	A
Stream D-BC	0.04	9.63	0.04	A	0.04	9.74	0.04	A
Stream C-D	-	-	-	-	-	-	-	-
Stream C-A	-	-	-	-	-	-	-	-
Stream C-B	0.04	6.68	0.04	A	0.14	7.44	0.12	A
A1 - BASE 2020								
Stream B-CD	0.15	7.27	0.13	A	0.07	7.13	0.07	A
Stream B-AD	0.02	8.64	0.02	A	0.02	9.60	0.02	A
Stream A-BCD	0.00	6.62	0.00	A	0.02	7.06	0.02	A
Stream A-B	-	-	-	-	-	-	-	-
Stream A-C	-	-	-	-	-	-	-	-
Stream D-AB	0.01	7.56	0.01	A	0.02	7.41	0.02	A
Stream D-BC	0.05	10.33	0.05	B	0.07	11.49	0.07	B
Stream C-D	-	-	-	-	-	-	-	-
Stream C-A	-	-	-	-	-	-	-	-
Stream C-B	0.05	6.87	0.04	A	0.16	7.81	0.14	A
A1 - BASE 2020 + Dev								
Stream B-CD	0.30	8.21	0.23	A	0.14	7.48	0.12	A
Stream B-AD	0.04	9.10	0.04	A	0.02	10.14	0.02	B
Stream A-BCD	0.00	6.74	0.00	A	0.02	7.29	0.02	A
Stream A-B	-	-	-	-	-	-	-	-
Stream A-C	-	-	-	-	-	-	-	-
Stream D-AB	0.01	7.63	0.01	A	0.02	7.52	0.02	A
Stream D-BC	0.05	10.91	0.05	B	0.08	12.18	0.07	B
Stream C-D	-	-	-	-	-	-	-	-
Stream C-A	-	-	-	-	-	-	-	-
Stream C-B	0.10	7.22	0.09	A	0.30	8.81	0.23	A

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

"D1 - BASE 2013, AM" model duration: 08:00 - 09:30

"D2 - BASE 2013, PM" model duration: 16:30 - 18:00

"D3 - BASE 2020, AM" model duration: 08:00 - 09:30

"D4 - BASE 2020, PM" model duration: 16:30 - 18:00

"D5 - BASE 2020 + Dev, AM" model duration: 08:00 - 09:30

"D6 - BASE 2020 + Dev, PM" model duration: 16:30 - 18:00

Run using Junctions 8.0.3.332 at 07/08/2014 14:37:56

File summary

File Description

Title	Heathfield Nook Road - Ashbourne Lane
Location	
Site Number	
Date	05/09/2013
Version	
Status	(new file)
Identifier	
Client	
Jobnumber	
Enumerator	SCP\Frazer Thorley
Description	

Analysis Options

Vehicle Length (m)	Do Queue Variations	Calculate Residual Capacity	Residual Capacity Criteria Type	RFC Threshold	Average Delay Threshold (s)	Queue Threshold (PCU)
5.75			N/A	0.85	36.00	20.00

Units

Distance Units	Speed Units	Traffic Units Input	Traffic Units Results	Flow Units	Average Delay Units	Total Delay Units	Rate Of Delay Units
m	kph	PCU	PCU	perHour	s	-Min	perMin

(Default Analysis Set) - BASE 2013, AM

Data Errors and Warnings

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

Analysis Set Details

Name	Description	Locked	Network Flow Scaling Factor (%)	Reason For Scaling Factors
(Default Analysis Set)			100.000	

Demand Set Details

Name	Scenario Name	Time Period Name	Description	Traffic Profile Type	Model Start Time (HH:mm)	Model Finish Time (HH:mm)	Model Time Period Length (min)	Time Segment Length (min)	Single Time Segment Only	Locked
BASE 2013, AM	BASE 2013	AM		ONE HOUR	08:00	09:30	90	15		

Junction Network

Junctions

Name	Junction Type	Major Road Direction	Arm Order	Junction Delay (s)	Junction LOS
google	Crossroads	Two-way	A,B,C,D	7.29	A

Junction Network Options

Driving Side	Lighting
Left	Normal/unknown

Arms

Arms

Arm	Name	Description	Arm Type
A	Ashbourne Road (east)		Major
B	Heathfield Nook Road (south)		Minor
C	Ashbourne Road (west)		Major
D	Heathfield Nook Road (north)		Minor

Major Arm Geometry

Arm	Width of carriageway (m)	Has kerbed central reserve	Width of kerbed central reserve (m)	Has right turn bay	Width For Right Turn (m)	Visibility For Right Turn (m)	Blocks?	Blocking Queue (PCU)
A	8.00		0.00		2.20	120.00	✓	1.00
C	8.00		0.00		2.20	120.00		

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

Minor Arm Geometry

Arm	Minor Arm Type	Lane Width (m)	Lane Width (Left) (m)	Lane Width (Right) (m)	Width at give-way (m)	Width at 5m (m)	Width at 10m (m)	Width at 15m (m)	Width at 20m (m)	Estimate Flare Length	Flare Length (PCU)	Visibility To Left (m)	Visibility To Right (m)
B	One lane plus flare				10.00	4.20	3.00	2.50	2.30	✓	1.00	18	47
D	One lane plus flare				10.00	7.10	3.80	2.70	2.70	✓	1.00	21	24

Pedestrian Crossings

Arm	Crossing Type
A	None
B	None
C	None
D	None

Slope / Intercept / Capacity

Priority Intersection Slopes and Intercepts

Junction	Stream	Intercept (PCU/hr)	Slope for A-B	Slope for A-C	Slope for A-D	Slope for B-A	Slope for B-C	Slope for B-D	Slope for C-A	Slope for C-B	Slope for C-D	Slope for D-A	Slope for D-B	Slope for D-C
1	A-D	643.457	-	-	-	-	-	-	0.228	0.325	0.228	-	-	-
1	B-A	607.861	0.101	0.255	0.255	-	-	-	0.161	0.365	-	0.255	0.255	0.128
1	B-C	679.696	0.095	0.240	-	-	-	-	-	-	-	-	-	-
1	B-D, nearside lane	526.734	0.088	0.221	0.221	-	-	-	0.139	0.316	0.139	-	-	-
1	B-D, offside lane	607.861	0.101	0.255	0.255	-	-	-	0.161	0.365	0.161	-	-	-
1	C-B	643.457	0.228	0.228	0.325	-	-	-	-	-	-	-	-	-
1	D-A	687.218	-	-	-	-	-	-	0.243	-	0.096	-	-	-
1	D-B, nearside lane	533.604	0.141	0.141	0.320	-	-	-	0.224	0.224	0.089	-	-	-
1	D-B, offside lane	533.897	0.141	0.141	0.321	-	-	-	0.224	0.224	0.089	-	-	-
1	D-C	533.897	-	0.141	0.321	0.112	0.224	0.224	0.224	0.224	0.089	-	-	-

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

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

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

Traffic Flows

Demand Set Data Options

Default Vehicle Mix	Vehicle Mix Varies Over Time	Vehicle Mix Varies Over Turn	Vehicle Mix Varies Over Entry	Vehicle Mix Source	PCU Factor for a HV (PCU)	Default Turning Proportions	Estimate from entry/exit counts	Turning Proportions Vary Over Time	Turning Proportions Vary Over Turn	Turning Proportions Vary Over Entry
		✓	✓	HV Percentages	2.00				✓	✓

Entry Flows

General Flows Data

Arm	Profile Type	Use Turning Counts	Average Demand Flow (PCU/hr)	Flow Scaling Factor (%)
A	ONE HOUR	✓	329.00	100.000
B	ONE HOUR	✓	71.00	100.000
C	ONE HOUR	✓	328.00	100.000
D	ONE HOUR	✓	17.00	100.000

Turning Proportions

Turning Counts or Proportions (PCU/hr) - Junction 1 (for whole period)

	To				
	A	B	C	D	
From	A	0.000	2.000	325.000	2.000
	B	6.000	0.000	63.000	2.000
	C	301.000	20.000	0.000	7.000
	D	3.000	3.000	11.000	0.000

Turning Proportions (PCU) - Junction 1 (for whole period)

	To				
		A	B	C	D
From	A	0.00	0.01	0.99	0.01
	B	0.08	0.00	0.89	0.03
	C	0.92	0.06	0.00	0.02
	D	0.18	0.18	0.65	0.00

Vehicle Mix

Average PCU Per Vehicle - Junction 1 (for whole period)

	To				
		A	B	C	D
From	A	1.000	1.000	1.000	1.000
	B	1.000	1.000	1.000	1.000
	C	1.000	1.000	1.000	1.000
	D	1.000	1.000	1.000	1.000

Heavy Vehicle Percentages - Junction 1 (for whole period)

	To				
		A	B	C	D
From	A	0.000	0.000	0.000	0.000
	B	0.000	0.000	0.000	0.000
	C	0.000	0.000	0.000	0.000
	D	0.000	0.000	0.000	0.000

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS
B-CD	0.12	6.98	0.14	A
B-AD	0.02	8.13	0.02	A
A-BCD	0.00	6.45	0.00	A
A-B	-	-	-	-
A-C	-	-	-	-
D-AB	0.01	7.10	0.01	A
D-BC	0.04	9.63	0.04	A
C-D	-	-	-	-
C-A	-	-	-	-
C-B	0.04	6.68	0.04	A

Main Results for each time segment

Main results: (08:00-08:15)

Stream	Total Demand (PCU/hr)	Entry Flow (PCU/hr)	Pedestrian Demand (Ped/hr)	Capacity (PCU/hr)	RFC	End Queue (PCU)	Delay (s)	LOS
B-CD	48.19	47.85	0.00	614.95	0.078	0.08	6.343	A
B-AD	5.26	5.22	0.00	500.65	0.011	0.01	7.266	A
A-BCD	1.51	1.50	0.00	586.21	0.003	0.00	6.156	A
A-B	1.51	1.51	0.00	-	-	-	-	-
A-C	244.68	244.68	0.00	-	-	-	-	-
D-AB	3.41	3.38	0.00	549.63	0.006	0.01	6.589	A
D-BC	9.39	9.30	0.00	433.98	0.022	0.02	8.474	A
C-D	5.27	5.27	0.00	-	-	-	-	-
C-A	226.61	226.61	0.00	-	-	-	-	-
C-B	15.06	14.95	0.00	586.93	0.026	0.03	6.294	A

Main results: (08:15-08:30)

Stream	Total Demand (PCU/hr)	Entry Flow (PCU/hr)	Pedestrian Demand (Ped/hr)	Capacity (PCU/hr)	RFC	End Queue (PCU)	Delay (s)	LOS
B-CD	57.54	57.46	0.00	602.88	0.095	0.10	6.600	A
B-AD	6.28	6.27	0.00	479.66	0.013	0.01	7.603	A
A-BCD	1.80	1.80	0.00	575.18	0.003	0.00	6.277	A
A-B	1.80	1.80	0.00	-	-	-	-	-
A-C	292.17	292.17	0.00	-	-	-	-	-
D-AB	4.08	4.07	0.00	533.98	0.008	0.01	6.792	A
D-BC	11.20	11.18	0.00	414.49	0.027	0.03	8.926	A
C-D	6.29	6.29	0.00	-	-	-	-	-
C-A	270.59	270.59	0.00	-	-	-	-	-
C-B	17.98	17.96	0.00	575.96	0.031	0.03	6.451	A

Main results: (08:30-08:45)

Stream	Total Demand (PCU/hr)	Entry Flow (PCU/hr)	Pedestrian Demand (Ped/hr)	Capacity (PCU/hr)	RFC	End Queue (PCU)	Delay (s)	LOS
B-CD	70.48	70.36	0.00	586.13	0.120	0.14	6.977	A
B-AD	7.69	7.67	0.00	450.60	0.017	0.02	8.127	A
A-BCD	2.21	2.20	0.00	560.04	0.004	0.00	6.452	A
A-B	2.20	2.20	0.00	-	-	-	-	-
A-C	357.83	357.83	0.00	-	-	-	-	-
D-AB	5.01	5.00	0.00	512.11	0.010	0.01	7.098	A
D-BC	13.71	13.68	0.00	387.62	0.035	0.04	9.627	A
C-D	7.71	7.71	0.00	-	-	-	-	-
C-A	331.41	331.41	0.00	-	-	-	-	-
C-B	22.02	21.99	0.00	560.79	0.039	0.04	6.681	A

Main results: (08:45-09:00)

Stream	Total Demand (PCU/hr)	Entry Flow (PCU/hr)	Pedestrian Demand (Ped/hr)	Capacity (PCU/hr)	RFC	End Queue (PCU)	Delay (s)	LOS
B-CD	70.48	70.48	0.00	586.13	0.120	0.14	6.980	A
B-AD	7.69	7.69	0.00	450.57	0.017	0.02	8.128	A
A-BCD	2.21	2.21	0.00	560.03	0.004	0.00	6.452	A
A-B	2.20	2.20	0.00	-	-	-	-	-
A-C	357.83	357.83	0.00	-	-	-	-	-
D-AB	5.01	5.01	0.00	512.06	0.010	0.01	7.099	A
D-BC	13.71	13.71	0.00	387.60	0.035	0.04	9.628	A
C-D	7.71	7.71	0.00	-	-	-	-	-
C-A	331.41	331.41	0.00	-	-	-	-	-
C-B	22.02	22.02	0.00	560.79	0.039	0.04	6.681	A

Main results: (09:00-09:15)

Stream	Total Demand (PCU/hr)	Entry Flow (PCU/hr)	Pedestrian Demand (Ped/hr)	Capacity (PCU/hr)	RFC	End Queue (PCU)	Delay (s)	LOS
B-CD	57.54	57.66	0.00	602.87	0.095	0.11	6.603	A
B-AD	6.28	6.30	0.00	479.63	0.013	0.01	7.605	A
A-BCD	1.80	1.80	0.00	575.16	0.003	0.00	6.280	A
A-B	1.80	1.80	0.00	-	-	-	-	-
A-C	292.17	292.17	0.00	-	-	-	-	-
D-AB	4.08	4.09	0.00	533.89	0.008	0.01	6.794	A
D-BC	11.20	11.24	0.00	414.45	0.027	0.03	8.928	A
C-D	6.29	6.29	0.00	-	-	-	-	-
C-A	270.59	270.59	0.00	-	-	-	-	-
C-B	17.98	18.01	0.00	575.96	0.031	0.03	6.454	A

Main results: (09:15-09:30)

Stream	Total Demand (PCU/hr)	Entry Flow (PCU/hr)	Pedestrian Demand (Ped/hr)	Capacity (PCU/hr)	RFC	End Queue (PCU)	Delay (s)	LOS
B-CD	48.19	48.27	0.00	614.93	0.078	0.09	6.353	A
B-AD	5.26	5.27	0.00	500.58	0.011	0.01	7.270	A
A-BCD	1.51	1.51	0.00	586.17	0.003	0.00	6.156	A
A-B	1.51	1.51	0.00	-	-	-	-	-
A-C	244.68	244.68	0.00	-	-	-	-	-
D-AB	3.41	3.42	0.00	549.48	0.006	0.01	6.594	A
D-BC	9.39	9.41	0.00	433.89	0.022	0.02	8.481	A
C-D	5.27	5.27	0.00	-	-	-	-	-
C-A	226.61	226.61	0.00	-	-	-	-	-
C-B	15.06	15.08	0.00	586.93	0.026	0.03	6.297	A

(Default Analysis Set) - BASE 2013, PM

Data Errors and Warnings

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

Analysis Set Details

Name	Description	Locked	Network Flow Scaling Factor (%)	Reason For Scaling Factors
(Default Analysis Set)			100.000	

Demand Set Details

Name	Scenario Name	Time Period Name	Description	Traffic Profile Type	Model Start Time (HH:mm)	Model Finish Time (HH:mm)	Model Time Period Length (min)	Time Segment Length (min)	Single Time Segment Only	Locked
BASE 2013, PM	BASE 2013	PM		ONE HOUR	16:30	18:00	90	15		

Junction Network

Junctions

Name	Junction Type	Major Road Direction	Arm Order	Junction Delay (s)	Junction LOS
google	Crossroads	Two-way	A,B,C,D	7.53	A

Junction Network Options

Driving Side	Lighting
Left	Normal/unknown

Arms

Arms

Arm	Name	Description	Arm Type
A	Ashbourne Road (east)		Major
B	Heathfield Nook Road (south)		Minor
C	Ashbourne Road (west)		Major
D	Heathfield Nook Road (north)		Minor

Major Arm Geometry

Arm	Width of carriageway (m)	Has kerbed central reserve	Width of kerbed central reserve (m)	Has right turn bay	Width For Right Turn (m)	Visibility For Right Turn (m)	Blocks?	Blocking Queue (PCU)
A	8.00		0.00		2.20	120.00	✓	1.00
C	8.00		0.00		2.20	120.00		

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

Minor Arm Geometry

Arm	Minor Arm Type	Lane Width (m)	Lane Width (Left) (m)	Lane Width (Right) (m)	Width at give-way (m)	Width at 5m (m)	Width at 10m (m)	Width at 15m (m)	Width at 20m (m)	Estimate Flare Length	Flare Length (PCU)	Visibility To Left (m)	Visibility To Right (m)
B	One lane plus flare				10.00	4.20	3.00	2.50	2.30	✓	1.00	18	47
D	One lane plus flare				10.00	7.10	3.80	2.70	2.70	✓	1.00	21	24

Pedestrian Crossings

Arm	Crossing Type
A	None
B	None
C	None
D	None

Slope / Intercept / Capacity

Priority Intersection Slopes and Intercepts

Junction	Stream	Intercept (PCU/hr)	Slope for A-B	Slope for A-C	Slope for A-D	Slope for B-A	Slope for B-C	Slope for B-D	Slope for C-A	Slope for C-B	Slope for C-D	Slope for D-A	Slope for D-B	Slope for D-C
1	A-D	643.457	-	-	-	-	-	-	0.228	0.325	0.228	-	-	-
1	B-A	607.861	0.101	0.255	0.255	-	-	-	0.161	0.365	-	0.255	0.255	0.128
1	B-C	679.696	0.095	0.240	-	-	-	-	-	-	-	-	-	-
1	B-D, nearside lane	526.734	0.088	0.221	0.221	-	-	-	0.139	0.316	0.139	-	-	-
1	B-D, offside lane	607.861	0.101	0.255	0.255	-	-	-	0.161	0.365	0.161	-	-	-
1	C-B	643.457	0.228	0.228	0.325	-	-	-	-	-	-	-	-	-
1	D-A	720.619	-	-	-	-	-	-	0.255	-	0.101	-	-	-
1	D-B, nearside lane	559.539	0.148	0.148	0.336	-	-	-	0.235	0.235	0.093	-	-	-
1	D-B, offside lane	559.539	0.148	0.148	0.336	-	-	-	0.235	0.235	0.093	-	-	-
1	D-C	559.539	-	0.148	0.336	0.118	0.235	0.235	0.235	0.235	0.093	-	-	-

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

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

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

Traffic Flows

Demand Set Data Options

Default Vehicle Mix	Vehicle Mix Varies Over Time	Vehicle Mix Varies Over Turn	Vehicle Mix Varies Over Entry	Vehicle Mix Source	PCU Factor for a HV (PCU)	Default Turning Proportions	Estimate from entry/exit counts	Turning Proportions Vary Over Time	Turning Proportions Vary Over Turn	Turning Proportions Vary Over Entry
		✓	✓	HV Percentages	2.00				✓	✓

Entry Flows

General Flows Data

Arm	Profile Type	Use Turning Counts	Average Demand Flow (PCU/hr)	Flow Scaling Factor (%)
A	ONE HOUR	✓	369.00	100.000
B	ONE HOUR	✓	38.00	100.000
C	ONE HOUR	✓	417.00	100.000
D	ONE HOUR	✓	23.00	100.000

Turning Proportions

Turning Counts or Proportions (PCU/hr) - Junction 1 (for whole period)

	To				
From		A	B	C	D
	A	0.000	2.000	358.000	9.000
	B	5.000	0.000	29.000	4.000
	C	343.000	60.000	0.000	14.000
	D	7.000	5.000	11.000	0.000

Turning Proportions (PCU) - Junction 1 (for whole period)

	To				
		A	B	C	D
From	A	0.00	0.01	0.97	0.02
	B	0.13	0.00	0.76	0.11
	C	0.82	0.14	0.00	0.03
	D	0.30	0.22	0.48	0.00

Vehicle Mix

Average PCU Per Vehicle - Junction 1 (for whole period)

	To				
		A	B	C	D
From	A	1.000	1.000	1.000	1.000
	B	1.000	1.000	1.000	1.000
	C	1.000	1.000	1.000	1.000
	D	1.000	1.000	1.000	1.000

Heavy Vehicle Percentages - Junction 1 (for whole period)

	To				
		A	B	C	D
From	A	0.000	0.000	0.000	0.000
	B	0.000	0.000	0.000	0.000
	C	0.000	0.000	0.000	0.000
	D	0.000	0.000	0.000	0.000

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS
B-CD	0.06	6.85	0.06	A
B-AD	0.02	8.84	0.02	A
A-BCD	0.02	6.83	0.02	A
A-B	-	-	-	-
A-C	-	-	-	-
D-AB	0.02	6.90	0.02	A
D-BC	0.04	9.74	0.04	A
C-D	-	-	-	-
C-A	-	-	-	-
C-B	0.12	7.44	0.14	A

Main Results for each time segment

Main results: (16:30-16:45)

Stream	Total Demand (PCU/hr)	Entry Flow (PCU/hr)	Pedestrian Demand (Ped/hr)	Capacity (PCU/hr)	RFC	End Queue (PCU)	Delay (s)	LOS
B-CD	23.35	23.19	0.00	594.28	0.039	0.04	6.302	A
B-AD	5.26	5.21	0.00	476.21	0.011	0.01	7.643	A
A-BCD	6.81	6.77	0.00	569.80	0.012	0.01	6.393	A
A-B	1.51	1.51	0.00	-	-	-	-	-
A-C	269.48	269.48	0.00	-	-	-	-	-
D-AB	7.19	7.14	0.00	577.59	0.012	0.01	6.310	A
D-BC	10.13	10.03	0.00	439.86	0.023	0.02	8.373	A
C-D	10.54	10.54	0.00	-	-	-	-	-
C-A	258.23	258.23	0.00	-	-	-	-	-
C-B	45.17	44.84	0.00	579.56	0.078	0.08	6.727	A

Main results: (16:45-17:00)

Stream	Total Demand (PCU/hr)	Entry Flow (PCU/hr)	Pedestrian Demand (Ped/hr)	Capacity (PCU/hr)	RFC	End Queue (PCU)	Delay (s)	LOS
B-CD	27.89	27.85	0.00	579.74	0.048	0.05	6.522	A
B-AD	6.27	6.26	0.00	450.48	0.014	0.01	8.104	A
A-BCD	8.16	8.15	0.00	556.03	0.015	0.01	6.570	A
A-B	1.80	1.80	0.00	-	-	-	-	-
A-C	321.77	321.77	0.00	-	-	-	-	-
D-AB	8.59	8.58	0.00	558.75	0.015	0.02	6.542	A
D-BC	12.08	12.06	0.00	416.48	0.029	0.03	8.901	A
C-D	12.59	12.59	0.00	-	-	-	-	-
C-A	308.35	308.35	0.00	-	-	-	-	-
C-B	53.94	53.86	0.00	567.15	0.095	0.10	7.013	A

Main results: (17:00-17:15)

Stream	Total Demand (PCU/hr)	Entry Flow (PCU/hr)	Pedestrian Demand (Ped/hr)	Capacity (PCU/hr)	RFC	End Queue (PCU)	Delay (s)	LOS
B-CD	34.16	34.10	0.00	559.39	0.061	0.06	6.853	A
B-AD	7.68	7.66	0.00	415.08	0.019	0.02	8.836	A
A-BCD	10.05	10.03	0.00	537.55	0.019	0.02	6.823	A
A-B	2.20	2.20	0.00	-	-	-	-	-
A-C	394.03	394.03	0.00	-	-	-	-	-
D-AB	10.55	10.53	0.00	532.16	0.020	0.02	6.900	A
D-BC	14.78	14.74	0.00	384.31	0.038	0.04	9.739	A
C-D	15.41	15.41	0.00	-	-	-	-	-
C-A	377.65	377.65	0.00	-	-	-	-	-
C-B	66.06	65.94	0.00	550.00	0.120	0.14	7.435	A

Main results: (17:15-17:30)

Stream	Total Demand (PCU/hr)	Entry Flow (PCU/hr)	Pedestrian Demand (Ped/hr)	Capacity (PCU/hr)	RFC	End Queue (PCU)	Delay (s)	LOS
B-CD	34.16	34.16	0.00	559.37	0.061	0.06	6.853	A
B-AD	7.68	7.68	0.00	415.02	0.019	0.02	8.837	A
A-BCD	10.05	10.05	0.00	537.51	0.019	0.02	6.826	A
A-B	2.20	2.20	0.00	-	-	-	-	-
A-C	394.03	394.03	0.00	-	-	-	-	-
D-AB	10.55	10.55	0.00	532.12	0.020	0.02	6.901	A
D-BC	14.78	14.77	0.00	384.26	0.038	0.04	9.742	A
C-D	15.41	15.41	0.00	-	-	-	-	-
C-A	377.65	377.65	0.00	-	-	-	-	-
C-B	66.06	66.06	0.00	549.99	0.120	0.14	7.438	A

Main results: (17:30-17:45)

Stream	Total Demand (PCU/hr)	Entry Flow (PCU/hr)	Pedestrian Demand (Ped/hr)	Capacity (PCU/hr)	RFC	End Queue (PCU)	Delay (s)	LOS
B-CD	27.89	27.94	0.00	579.72	0.048	0.05	6.526	A
B-AD	6.27	6.29	0.00	450.39	0.014	0.01	8.108	A
A-BCD	8.16	8.18	0.00	555.96	0.015	0.02	6.571	A
A-B	1.80	1.80	0.00	-	-	-	-	-
A-C	321.77	321.77	0.00	-	-	-	-	-
D-AB	8.59	8.61	0.00	558.68	0.015	0.02	6.544	A
D-BC	12.08	12.12	0.00	416.40	0.029	0.03	8.906	A
C-D	12.59	12.59	0.00	-	-	-	-	-
C-A	308.35	308.35	0.00	-	-	-	-	-
C-B	53.94	54.06	0.00	567.14	0.095	0.11	7.020	A

Main results: (17:45-18:00)

Stream	Total Demand (PCU/hr)	Entry Flow (PCU/hr)	Pedestrian Demand (Ped/hr)	Capacity (PCU/hr)	RFC	End Queue (PCU)	Delay (s)	LOS
B-CD	23.35	23.39	0.00	594.24	0.039	0.04	6.306	A
B-AD	5.26	5.27	0.00	476.01	0.011	0.01	7.649	A
A-BCD	6.81	6.83	0.00	569.67	0.012	0.01	6.395	A
A-B	1.51	1.51	0.00	-	-	-	-	-
A-C	269.48	269.48	0.00	-	-	-	-	-
D-AB	7.19	7.20	0.00	577.48	0.012	0.01	6.314	A
D-BC	10.13	10.15	0.00	439.69	0.023	0.02	8.381	A
C-D	10.54	10.54	0.00	-	-	-	-	-
C-A	258.23	258.23	0.00	-	-	-	-	-
C-B	45.17	45.25	0.00	579.54	0.078	0.09	6.738	A

(Default Analysis Set) - BASE 2020, AM

Data Errors and Warnings

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

Analysis Set Details

Name	Description	Locked	Network Flow Scaling Factor (%)	Reason For Scaling Factors
(Default Analysis Set)			100.000	

Demand Set Details

Name	Scenario Name	Time Period Name	Description	Traffic Profile Type	Model Start Time (HH:mm)	Model Finish Time (HH:mm)	Model Time Period Length (min)	Time Segment Length (min)	Single Time Segment Only	Locked
BASE 2020, AM	BASE 2020	AM		ONE HOUR	08:00	09:30	90	15		

Junction Network

Junctions

Name	Junction Type	Major Road Direction	Arm Order	Junction Delay (s)	Junction LOS
google	Crossroads	Two-way	A,B,C,D	7.69	A

Junction Network Options

Driving Side	Lighting
Left	Normal/unknown

Arms

Arms

Arm	Name	Description	Arm Type
A	Ashbourne Road (east)		Major
B	Heathfield Nook Road (south)		Minor
C	Ashbourne Road (west)		Major
D	Heathfield Nook Road (north)		Minor

Major Arm Geometry

Arm	Width of carriageway (m)	Has kerbed central reserve	Width of kerbed central reserve (m)	Has right turn bay	Width For Right Turn (m)	Visibility For Right Turn (m)	Blocks?	Blocking Queue (PCU)
A	8.00		0.00		2.20	120.00	✓	1.00
C	8.00		0.00		2.20	120.00		

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

Minor Arm Geometry

Arm	Minor Arm Type	Lane Width (m)	Lane Width (Left) (m)	Lane Width (Right) (m)	Width at give-way (m)	Width at 5m (m)	Width at 10m (m)	Width at 15m (m)	Width at 20m (m)	Estimate Flare Length	Flare Length (PCU)	Visibility To Left (m)	Visibility To Right (m)
B	One lane plus flare				10.00	4.20	3.00	2.50	2.30	✓	1.00	18	47
D	One lane plus flare				10.00	7.10	3.80	2.70	2.70	✓	1.00	21	24

Pedestrian Crossings

Arm	Crossing Type
A	None
B	None
C	None
D	None

Slope / Intercept / Capacity

Priority Intersection Slopes and Intercepts

Junction	Stream	Intercept (PCU/hr)	Slope for A-B	Slope for A-C	Slope for A-D	Slope for B-A	Slope for B-C	Slope for B-D	Slope for C-A	Slope for C-B	Slope for C-D	Slope for D-A	Slope for D-B	Slope for D-C
1	A-D	643.457	-	-	-	-	-	-	0.228	0.325	0.228	-	-	-
1	B-A	607.861	0.101	0.255	0.255	-	-	-	0.161	0.365	-	0.255	0.255	0.128
1	B-C	679.696	0.095	0.240	-	-	-	-	-	-	-	-	-	-
1	B-D, nearside lane	526.734	0.088	0.221	0.221	-	-	-	0.139	0.316	0.139	-	-	-
1	B-D, offside lane	607.861	0.101	0.255	0.255	-	-	-	0.161	0.365	0.161	-	-	-
1	C-B	643.457	0.228	0.228	0.325	-	-	-	-	-	-	-	-	-
1	D-A	674.234	-	-	-	-	-	-	0.239	-	0.094	-	-	-
1	D-B, nearside lane	523.523	0.138	0.138	0.314	-	-	-	0.220	0.220	0.087	-	-	-
1	D-B, offside lane	537.929	0.142	0.142	0.323	-	-	-	0.226	0.226	0.089	-	-	-
1	D-C	537.929	-	0.142	0.323	0.113	0.226	0.226	0.226	0.226	0.089	-	-	-

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

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

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

Traffic Flows

Demand Set Data Options

Default Vehicle Mix	Vehicle Mix Varies Over Time	Vehicle Mix Varies Over Turn	Vehicle Mix Varies Over Entry	Vehicle Mix Source	PCU Factor for a HV (PCU)	Default Turning Proportions	Estimate from entry/exit counts	Turning Proportions Vary Over Time	Turning Proportions Vary Over Turn	Turning Proportions Vary Over Entry
		✓	✓	HV Percentages	2.00				✓	✓

Entry Flows

General Flows Data

Arm	Profile Type	Use Turning Counts	Average Demand Flow (PCU/hr)	Flow Scaling Factor (%)
A	ONE HOUR	✓	379.00	100.000
B	ONE HOUR	✓	78.00	100.000
C	ONE HOUR	✓	385.00	100.000
D	ONE HOUR	✓	21.00	100.000

Turning Proportions

Turning Counts or Proportions (PCU/hr) - Junction 1 (for whole period)

	To				
	A	B	C	D	
From	A	0.000	2.000	375.000	2.000
	B	7.000	0.000	69.000	2.000
	C	355.000	22.000	0.000	8.000
	D	3.000	3.000	15.000	0.000

Turning Proportions (PCU) - Junction 1 (for whole period)

	To				
		A	B	C	D
From	A	0.00	0.01	0.99	0.01
	B	0.09	0.00	0.88	0.03
	C	0.92	0.06	0.00	0.02
	D	0.14	0.14	0.71	0.00

Vehicle Mix

Average PCU Per Vehicle - Junction 1 (for whole period)

	To				
		A	B	C	D
From	A	1.000	1.000	1.000	1.000
	B	1.000	1.000	1.000	1.000
	C	1.000	1.000	1.000	1.000
	D	1.000	1.000	1.000	1.000

Heavy Vehicle Percentages - Junction 1 (for whole period)

	To				
		A	B	C	D
From	A	0.000	0.000	0.000	0.000
	B	0.000	0.000	0.000	0.000
	C	0.000	0.000	0.000	0.000
	D	0.000	0.000	0.000	0.000

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS
B-CD	0.13	7.27	0.15	A
B-AD	0.02	8.64	0.02	A
A-BCD	0.00	6.62	0.00	A
A-B	-	-	-	-
A-C	-	-	-	-
D-AB	0.01	7.56	0.01	A
D-BC	0.05	10.33	0.05	B
C-D	-	-	-	-
C-A	-	-	-	-
C-B	0.04	6.87	0.05	A

Main Results for each time segment

Main results: (08:00-08:15)

Stream	Total Demand (PCU/hr)	Entry Flow (PCU/hr)	Pedestrian Demand (Ped/hr)	Capacity (PCU/hr)	RFC	End Queue (PCU)	Delay (s)	LOS
B-CD	52.71	52.33	0.00	605.79	0.087	0.09	6.500	A
B-AD	6.01	5.96	0.00	483.51	0.012	0.01	7.538	A
A-BCD	1.51	1.50	0.00	576.37	0.003	0.00	6.261	A
A-B	1.51	1.51	0.00	-	-	-	-	-
A-C	282.32	282.32	0.00	-	-	-	-	-
D-AB	3.42	3.39	0.00	525.31	0.007	0.01	6.897	A
D-BC	12.39	12.27	0.00	420.97	0.029	0.03	8.807	A
C-D	6.02	6.02	0.00	-	-	-	-	-
C-A	267.26	267.26	0.00	-	-	-	-	-
C-B	16.56	16.45	0.00	578.36	0.029	0.03	6.404	A

Main results: (08:15-08:30)

Stream	Total Demand (PCU/hr)	Entry Flow (PCU/hr)	Pedestrian Demand (Ped/hr)	Capacity (PCU/hr)	RFC	End Queue (PCU)	Delay (s)	LOS
B-CD	62.94	62.85	0.00	591.84	0.106	0.12	6.805	A
B-AD	7.18	7.17	0.00	459.14	0.016	0.02	7.965	A
A-BCD	1.80	1.80	0.00	563.45	0.003	0.00	6.408	A
A-B	1.80	1.80	0.00	-	-	-	-	-
A-C	337.11	337.11	0.00	-	-	-	-	-
D-AB	4.09	4.09	0.00	507.04	0.008	0.01	7.156	A
D-BC	14.79	14.75	0.00	398.13	0.037	0.04	9.390	A
C-D	7.19	7.19	0.00	-	-	-	-	-
C-A	319.14	319.14	0.00	-	-	-	-	-
C-B	19.78	19.75	0.00	565.73	0.035	0.04	6.593	A

Main results: (08:30-08:45)

Stream	Total Demand (PCU/hr)	Entry Flow (PCU/hr)	Pedestrian Demand (Ped/hr)	Capacity (PCU/hr)	RFC	End Queue (PCU)	Delay (s)	LOS
B-CD	77.09	76.95	0.00	572.49	0.135	0.15	7.263	A
B-AD	8.79	8.77	0.00	425.38	0.021	0.02	8.641	A
A-BCD	2.21	2.21	0.00	545.73	0.004	0.00	6.622	A
A-B	2.20	2.20	0.00	-	-	-	-	-
A-C	412.88	412.88	0.00	-	-	-	-	-
D-AB	5.03	5.02	0.00	481.29	0.010	0.01	7.557	A
D-BC	18.09	18.04	0.00	366.68	0.049	0.05	10.324	B
C-D	8.81	8.81	0.00	-	-	-	-	-
C-A	390.86	390.86	0.00	-	-	-	-	-
C-B	24.22	24.18	0.00	548.26	0.044	0.05	6.868	A

Main results: (08:45-09:00)

Stream	Total Demand (PCU/hr)	Entry Flow (PCU/hr)	Pedestrian Demand (Ped/hr)	Capacity (PCU/hr)	RFC	End Queue (PCU)	Delay (s)	LOS
B-CD	77.09	77.09	0.00	572.48	0.135	0.15	7.266	A
B-AD	8.79	8.79	0.00	425.35	0.021	0.02	8.641	A
A-BCD	2.21	2.21	0.00	545.72	0.004	0.00	6.622	A
A-B	2.20	2.20	0.00	-	-	-	-	-
A-C	412.88	412.88	0.00	-	-	-	-	-
D-AB	5.03	5.03	0.00	481.25	0.010	0.01	7.558	A
D-BC	18.09	18.09	0.00	366.64	0.049	0.05	10.328	B
C-D	8.81	8.81	0.00	-	-	-	-	-
C-A	390.86	390.86	0.00	-	-	-	-	-
C-B	24.22	24.22	0.00	548.26	0.044	0.05	6.868	A

Main results: (09:00-09:15)

Stream	Total Demand (PCU/hr)	Entry Flow (PCU/hr)	Pedestrian Demand (Ped/hr)	Capacity (PCU/hr)	RFC	End Queue (PCU)	Delay (s)	LOS
B-CD	62.94	63.08	0.00	591.83	0.106	0.12	6.809	A
B-AD	7.18	7.20	0.00	459.09	0.016	0.02	7.968	A
A-BCD	1.80	1.80	0.00	563.43	0.003	0.00	6.411	A
A-B	1.80	1.80	0.00	-	-	-	-	-
A-C	337.11	337.11	0.00	-	-	-	-	-
D-AB	4.09	4.10	0.00	506.98	0.008	0.01	7.158	A
D-BC	14.79	14.84	0.00	398.06	0.037	0.04	9.394	A
C-D	7.19	7.19	0.00	-	-	-	-	-
C-A	319.14	319.14	0.00	-	-	-	-	-
C-B	19.78	19.82	0.00	565.72	0.035	0.04	6.596	A

Main results: (09:15-09:30)

Stream	Total Demand (PCU/hr)	Entry Flow (PCU/hr)	Pedestrian Demand (Ped/hr)	Capacity (PCU/hr)	RFC	End Queue (PCU)	Delay (s)	LOS
B-CD	52.71	52.80	0.00	605.76	0.087	0.10	6.513	A
B-AD	6.01	6.03	0.00	483.42	0.012	0.01	7.540	A
A-BCD	1.51	1.51	0.00	576.32	0.003	0.00	6.264	A
A-B	1.51	1.51	0.00	-	-	-	-	-
A-C	282.32	282.32	0.00	-	-	-	-	-
D-AB	3.42	3.43	0.00	525.22	0.007	0.01	6.901	A
D-BC	12.39	12.42	0.00	420.82	0.029	0.03	8.817	A
C-D	6.02	6.02	0.00	-	-	-	-	-
C-A	267.26	267.26	0.00	-	-	-	-	-
C-B	16.56	16.59	0.00	578.36	0.029	0.03	6.407	A

(Default Analysis Set) - BASE 2020, PM

Data Errors and Warnings

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

Analysis Set Details

Name	Description	Locked	Network Flow Scaling Factor (%)	Reason For Scaling Factors
(Default Analysis Set)			100.000	

Demand Set Details

Name	Scenario Name	Time Period Name	Description	Traffic Profile Type	Model Start Time (HH:mm)	Model Finish Time (HH:mm)	Model Time Period Length (min)	Time Segment Length (min)	Single Time Segment Only	Locked
BASE 2020, PM	BASE 2020	PM		ONE HOUR	16:30	18:00	90	15		

Junction Network

Junctions

Name	Junction Type	Major Road Direction	Arm Order	Junction Delay (s)	Junction LOS
google	Crossroads	Two-way	A,B,C,D	8.16	A

Junction Network Options

Driving Side	Lighting
Left	Normal/unknown

Arms

Arms

Arm	Name	Description	Arm Type
A	Ashbourne Road (east)		Major
B	Heathfield Nook Road (south)		Minor
C	Ashbourne Road (west)		Major
D	Heathfield Nook Road (north)		Minor

Major Arm Geometry

Arm	Width of carriageway (m)	Has kerbed central reserve	Width of kerbed central reserve (m)	Has right turn bay	Width For Right Turn (m)	Visibility For Right Turn (m)	Blocks?	Blocking Queue (PCU)
A	8.00		0.00		2.20	120.00	✓	1.00
C	8.00		0.00		2.20	120.00		

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

Minor Arm Geometry

Arm	Minor Arm Type	Lane Width (m)	Lane Width (Left) (m)	Lane Width (Right) (m)	Width at give-way (m)	Width at 5m (m)	Width at 10m (m)	Width at 15m (m)	Width at 20m (m)	Estimate Flare Length	Flare Length (PCU)	Visibility To Left (m)	Visibility To Right (m)
B	One lane plus flare				10.00	4.20	3.00	2.50	2.30	✓	1.00	18	47
D	One lane plus flare				10.00	7.10	3.80	2.70	2.70	✓	1.00	21	24

Pedestrian Crossings

Arm	Crossing Type
A	None
B	None
C	None
D	None

Slope / Intercept / Capacity

Priority Intersection Slopes and Intercepts

Junction	Stream	Intercept (PCU/hr)	Slope for A-B	Slope for A-C	Slope for A-D	Slope for B-A	Slope for B-C	Slope for B-D	Slope for C-A	Slope for C-B	Slope for C-D	Slope for D-A	Slope for D-B	Slope for D-C
1	A-D	643.457	-	-	-	-	-	-	0.228	0.325	0.228	-	-	-
1	B-A	607.861	0.101	0.255	0.255	-	-	-	0.161	0.365	-	0.255	0.255	0.128
1	B-C	679.696	0.095	0.240	-	-	-	-	-	-	-	-	-	-
1	B-D, nearside lane	526.734	0.088	0.221	0.221	-	-	-	0.139	0.316	0.139	-	-	-
1	B-D, offside lane	607.861	0.101	0.255	0.255	-	-	-	0.161	0.365	0.161	-	-	-
1	C-B	643.457	0.228	0.228	0.325	-	-	-	-	-	-	-	-	-
1	D-A	702.302	-	-	-	-	-	-	0.248	-	0.098	-	-	-
1	D-B, nearside lane	545.317	0.144	0.144	0.327	-	-	-	0.229	0.229	0.091	-	-	-
1	D-B, offside lane	529.212	0.140	0.140	0.318	-	-	-	0.222	0.222	0.088	-	-	-
1	D-C	529.212	-	0.140	0.318	0.111	0.222	0.222	0.222	0.222	0.088	-	-	-

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

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

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

Traffic Flows

Demand Set Data Options

Default Vehicle Mix	Vehicle Mix Varies Over Time	Vehicle Mix Varies Over Turn	Vehicle Mix Varies Over Entry	Vehicle Mix Source	PCU Factor for a HV (PCU)	Default Turning Proportions	Estimate from entry/exit counts	Turning Proportions Vary Over Time	Turning Proportions Vary Over Turn	Turning Proportions Vary Over Entry
		✓	✓	HV Percentages	2.00				✓	✓

Entry Flows

General Flows Data

Arm	Profile Type	Use Turning Counts	Average Demand Flow (PCU/hr)	Flow Scaling Factor (%)
A	ONE HOUR	✓	434.00	100.000
B	ONE HOUR	✓	41.00	100.000
C	ONE HOUR	✓	487.00	100.000
D	ONE HOUR	✓	31.00	100.000

Turning Proportions

Turning Counts or Proportions (PCU/hr) - Junction 1 (for whole period)

	To				
From		A	B	C	D
	A	0.000	2.000	422.000	10.000
	B	5.000	0.000	32.000	4.000
	C	402.000	66.000	0.000	19.000
	D	8.000	5.000	18.000	0.000

Turning Proportions (PCU) - Junction 1 (for whole period)

	To				
		A	B	C	D
From	A	0.00	0.00	0.97	0.02
	B	0.12	0.00	0.78	0.10
	C	0.83	0.14	0.00	0.04
	D	0.26	0.16	0.58	0.00

Vehicle Mix

Average PCU Per Vehicle - Junction 1 (for whole period)

	To				
		A	B	C	D
From	A	1.000	1.000	1.000	1.000
	B	1.000	1.000	1.000	1.000
	C	1.000	1.000	1.000	1.000
	D	1.000	1.000	1.000	1.000

Heavy Vehicle Percentages - Junction 1 (for whole period)

	To				
		A	B	C	D
From	A	0.000	0.000	0.000	0.000
	B	0.000	0.000	0.000	0.000
	C	0.000	0.000	0.000	0.000
	D	0.000	0.000	0.000	0.000

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS
B-CD	0.07	7.13	0.07	A
B-AD	0.02	9.60	0.02	A
A-BCD	0.02	7.06	0.02	A
A-B	-	-	-	-
A-C	-	-	-	-
D-AB	0.02	7.41	0.02	A
D-BC	0.07	11.49	0.07	B
C-D	-	-	-	-
C-A	-	-	-	-
C-B	0.14	7.81	0.16	A

Main Results for each time segment

Main results: (16:30-16:45)

Stream	Total Demand (PCU/hr)	Entry Flow (PCU/hr)	Pedestrian Demand (Ped/hr)	Capacity (PCU/hr)	RFC	End Queue (PCU)	Delay (s)	LOS
B-CD	25.61	25.43	0.00	583.16	0.044	0.05	6.453	A
B-AD	5.26	5.21	0.00	454.12	0.012	0.01	8.018	A
A-BCD	7.59	7.53	0.00	558.14	0.014	0.01	6.538	A
A-B	1.51	1.51	0.00	-	-	-	-	-
A-C	317.65	317.65	0.00	-	-	-	-	-
D-AB	7.97	7.91	0.00	551.16	0.014	0.01	6.626	A
D-BC	15.37	15.21	0.00	397.01	0.039	0.04	9.425	A
C-D	14.30	14.30	0.00	-	-	-	-	-
C-A	302.65	302.65	0.00	-	-	-	-	-
C-B	49.69	49.31	0.00	568.35	0.087	0.10	6.931	A

Main results: (16:45-17:00)

Stream	Total Demand (PCU/hr)	Entry Flow (PCU/hr)	Pedestrian Demand (Ped/hr)	Capacity (PCU/hr)	RFC	End Queue (PCU)	Delay (s)	LOS
B-CD	30.58	30.54	0.00	566.12	0.054	0.06	6.721	A
B-AD	6.27	6.26	0.00	424.07	0.015	0.01	8.616	A
A-BCD	9.10	9.08	0.00	542.35	0.017	0.02	6.750	A
A-B	1.80	1.80	0.00	-	-	-	-	-
A-C	379.26	379.26	0.00	-	-	-	-	-
D-AB	9.54	9.52	0.00	529.03	0.018	0.02	6.929	A
D-BC	18.33	18.28	0.00	371.22	0.049	0.05	10.199	B
C-D	17.08	17.08	0.00	-	-	-	-	-
C-A	361.39	361.39	0.00	-	-	-	-	-
C-B	59.33	59.24	0.00	553.76	0.107	0.12	7.277	A

Main results: (17:00-17:15)

Stream	Total Demand (PCU/hr)	Entry Flow (PCU/hr)	Pedestrian Demand (Ped/hr)	Capacity (PCU/hr)	RFC	End Queue (PCU)	Delay (s)	LOS
B-CD	37.47	37.40	0.00	542.19	0.069	0.07	7.131	A
B-AD	7.68	7.65	0.00	382.72	0.020	0.02	9.598	A
A-BCD	11.22	11.20	0.00	521.27	0.022	0.02	7.057	A
A-B	2.20	2.20	0.00	-	-	-	-	-
A-C	464.42	464.42	0.00	-	-	-	-	-
D-AB	11.73	11.70	0.00	497.61	0.024	0.02	7.408	A
D-BC	22.41	22.33	0.00	335.67	0.067	0.07	11.486	B
C-D	20.92	20.92	0.00	-	-	-	-	-
C-A	442.61	442.61	0.00	-	-	-	-	-
C-B	72.67	72.52	0.00	533.60	0.136	0.16	7.805	A

Main results: (17:15-17:30)

Stream	Total Demand (PCU/hr)	Entry Flow (PCU/hr)	Pedestrian Demand (Ped/hr)	Capacity (PCU/hr)	RFC	End Queue (PCU)	Delay (s)	LOS
B-CD	37.47	37.47	0.00	542.17	0.069	0.07	7.132	A
B-AD	7.68	7.67	0.00	382.65	0.020	0.02	9.600	A
A-BCD	11.22	11.22	0.00	521.22	0.022	0.02	7.060	A
A-B	2.20	2.20	0.00	-	-	-	-	-
A-C	464.42	464.42	0.00	-	-	-	-	-
D-AB	11.73	11.73	0.00	497.50	0.024	0.02	7.409	A
D-BC	22.41	22.40	0.00	335.63	0.067	0.07	11.492	B
C-D	20.92	20.92	0.00	-	-	-	-	-
C-A	442.61	442.61	0.00	-	-	-	-	-
C-B	72.67	72.66	0.00	533.59	0.136	0.16	7.810	A

Main results: (17:30-17:45)

Stream	Total Demand (PCU/hr)	Entry Flow (PCU/hr)	Pedestrian Demand (Ped/hr)	Capacity (PCU/hr)	RFC	End Queue (PCU)	Delay (s)	LOS
B-CD	30.58	30.65	0.00	566.09	0.054	0.06	6.723	A
B-AD	6.27	6.29	0.00	423.95	0.015	0.02	8.619	A
A-BCD	9.10	9.12	0.00	542.27	0.017	0.02	6.751	A
A-B	1.80	1.80	0.00	-	-	-	-	-
A-C	379.26	379.26	0.00	-	-	-	-	-
D-AB	9.54	9.56	0.00	528.83	0.018	0.02	6.935	A
D-BC	18.33	18.40	0.00	371.15	0.049	0.05	10.207	B
C-D	17.08	17.08	0.00	-	-	-	-	-
C-A	361.39	361.39	0.00	-	-	-	-	-
C-B	59.33	59.48	0.00	553.74	0.107	0.12	7.284	A

Main results: (17:45-18:00)

Stream	Total Demand (PCU/hr)	Entry Flow (PCU/hr)	Pedestrian Demand (Ped/hr)	Capacity (PCU/hr)	RFC	End Queue (PCU)	Delay (s)	LOS
B-CD	25.61	25.65	0.00	583.12	0.044	0.05	6.457	A
B-AD	5.26	5.27	0.00	453.88	0.012	0.01	8.024	A
A-BCD	7.59	7.60	0.00	557.99	0.014	0.01	6.540	A
A-B	1.51	1.51	0.00	-	-	-	-	-
A-C	317.65	317.65	0.00	-	-	-	-	-
D-AB	7.97	7.99	0.00	550.84	0.014	0.01	6.633	A
D-BC	15.37	15.42	0.00	396.87	0.039	0.04	9.440	A
C-D	14.30	14.30	0.00	-	-	-	-	-
C-A	302.65	302.65	0.00	-	-	-	-	-
C-B	49.69	49.79	0.00	568.33	0.087	0.10	6.943	A

(Default Analysis Set) - BASE 2020 + Dev, AM

Data Errors and Warnings

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

Analysis Set Details

Name	Description	Locked	Network Flow Scaling Factor (%)	Reason For Scaling Factors
(Default Analysis Set)			100.000	

Demand Set Details

Name	Scenario Name	Time Period Name	Description	Traffic Profile Type	Model Start Time (HH:mm)	Model Finish Time (HH:mm)	Model Time Period Length (min)	Time Segment Length (min)	Single Time Segment Only	Locked
BASE 2020 + Dev, AM	BASE 2020 + Dev	AM		ONE HOUR	08:00	09:30	90	15		

Junction Network

Junctions

Name	Junction Type	Major Road Direction	Arm Order	Junction Delay (s)	Junction LOS
google	Crossroads	Two-way	A,B,C,D	8.25	A

Junction Network Options

Driving Side	Lighting
Left	Normal/unknown

Arms

Arms

Arm	Name	Description	Arm Type
A	Ashbourne Road (east)		Major
B	Heathfield Nook Road (south)		Minor
C	Ashbourne Road (west)		Major
D	Heathfield Nook Road (north)		Minor

Major Arm Geometry

Arm	Width of carriageway (m)	Has kerbed central reserve	Width of kerbed central reserve (m)	Has right turn bay	Width For Right Turn (m)	Visibility For Right Turn (m)	Blocks?	Blocking Queue (PCU)
A	8.00		0.00		2.20	120.00	✓	1.00
C	8.00		0.00		2.20	120.00		

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

Minor Arm Geometry

Arm	Minor Arm Type	Lane Width (m)	Lane Width (Left) (m)	Lane Width (Right) (m)	Width at give-way (m)	Width at 5m (m)	Width at 10m (m)	Width at 15m (m)	Width at 20m (m)	Estimate Flare Length	Flare Length (PCU)	Visibility To Left (m)	Visibility To Right (m)
B	One lane plus flare				10.00	4.20	3.00	2.50	2.30	✓	1.00	18	47
D	One lane plus flare				10.00	7.10	3.80	2.70	2.70	✓	1.00	21	24

Pedestrian Crossings

Arm	Crossing Type
A	None
B	None
C	None
D	None

Slope / Intercept / Capacity

Priority Intersection Slopes and Intercepts

Junction	Stream	Intercept (PCU/hr)	Slope for A-B	Slope for A-C	Slope for A-D	Slope for B-A	Slope for B-C	Slope for B-D	Slope for C-A	Slope for C-B	Slope for C-D	Slope for D-A	Slope for D-B	Slope for D-C
1	A-D	643.457	-	-	-	-	-	-	0.228	0.325	0.228	-	-	-
1	B-A	607.861	0.101	0.255	0.255	-	-	-	0.161	0.365	-	0.255	0.255	0.128
1	B-C	679.696	0.095	0.240	-	-	-	-	-	-	-	-	-	-
1	B-D, nearside lane	526.734	0.088	0.221	0.221	-	-	-	0.139	0.316	0.139	-	-	-
1	B-D, offside lane	607.861	0.101	0.255	0.255	-	-	-	0.161	0.365	0.161	-	-	-
1	C-B	643.457	0.228	0.228	0.325	-	-	-	-	-	-	-	-	-
1	D-A	674.234	-	-	-	-	-	-	0.239	-	0.094	-	-	-
1	D-B, nearside lane	523.523	0.138	0.138	0.314	-	-	-	0.220	0.220	0.087	-	-	-
1	D-B, offside lane	537.929	0.142	0.142	0.323	-	-	-	0.226	0.226	0.089	-	-	-
1	D-C	537.929	-	0.142	0.323	0.113	0.226	0.226	0.226	0.226	0.089	-	-	-

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

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

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

Traffic Flows

Demand Set Data Options

Default Vehicle Mix	Vehicle Mix Varies Over Time	Vehicle Mix Varies Over Turn	Vehicle Mix Varies Over Entry	Vehicle Mix Source	PCU Factor for a HV (PCU)	Default Turning Proportions	Estimate from entry/exit counts	Turning Proportions Vary Over Time	Turning Proportions Vary Over Turn	Turning Proportions Vary Over Entry
		✓	✓	HV Percentages	2.00				✓	✓

Entry Flows

General Flows Data

Arm	Profile Type	Use Turning Counts	Average Demand Flow (PCU/hr)	Flow Scaling Factor (%)
A	ONE HOUR	✓	383.00	100.000
B	ONE HOUR	✓	135.00	100.000
C	ONE HOUR	✓	414.00	100.000
D	ONE HOUR	✓	21.00	100.000

Turning Proportions

Turning Counts or Proportions (PCU/hr) - Junction 1 (for whole period)

	To				
From		A	B	C	D
	A	0.000	6.000	375.000	2.000
	B	14.000	0.000	119.000	2.000
	C	355.000	44.000	0.000	15.000
	D	3.000	3.000	15.000	0.000

Turning Proportions (PCU) - Junction 1 (for whole period)

	To				
		A	B	C	D
From	A	0.00	0.02	0.98	0.01
	B	0.10	0.00	0.88	0.01
	C	0.86	0.11	0.00	0.04
	D	0.14	0.14	0.71	0.00

Vehicle Mix

Average PCU Per Vehicle - Junction 1 (for whole period)

	To				
		A	B	C	D
From	A	1.000	1.000	1.000	1.000
	B	1.000	1.000	1.000	1.000
	C	1.000	1.000	1.000	1.000
	D	1.000	1.000	1.000	1.000

Heavy Vehicle Percentages - Junction 1 (for whole period)

	To				
		A	B	C	D
From	A	0.000	0.000	0.000	0.000
	B	0.000	0.000	0.000	0.000
	C	0.000	0.000	0.000	0.000
	D	0.000	0.000	0.000	0.000

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS
B-CD	0.23	8.21	0.30	A
B-AD	0.04	9.10	0.04	A
A-BCD	0.00	6.74	0.00	A
A-B	-	-	-	-
A-C	-	-	-	-
D-AB	0.01	7.63	0.01	A
D-BC	0.05	10.91	0.05	B
C-D	-	-	-	-
C-A	-	-	-	-
C-B	0.09	7.22	0.10	A

Main Results for each time segment

Main results: (08:00-08:15)

Stream	Total Demand (PCU/hr)	Entry Flow (PCU/hr)	Pedestrian Demand (Ped/hr)	Capacity (PCU/hr)	RFC	End Queue (PCU)	Delay (s)	LOS
B-CD	90.36	89.66	0.00	605.28	0.149	0.17	6.974	A
B-AD	11.28	11.18	0.00	475.86	0.024	0.02	7.744	A
A-BCD	1.51	1.50	0.00	569.80	0.003	0.00	6.334	A
A-B	4.52	4.52	0.00	-	-	-	-	-
A-C	282.32	282.32	0.00	-	-	-	-	-
D-AB	3.42	3.39	0.00	522.49	0.007	0.01	6.934	A
D-BC	12.39	12.27	0.00	408.36	0.030	0.03	9.085	A
C-D	11.29	11.29	0.00	-	-	-	-	-
C-A	267.26	267.26	0.00	-	-	-	-	-
C-B	33.13	32.88	0.00	577.68	0.057	0.06	6.604	A

Main results: (08:15-08:30)

Stream	Total Demand (PCU/hr)	Entry Flow (PCU/hr)	Pedestrian Demand (Ped/hr)	Capacity (PCU/hr)	RFC	End Queue (PCU)	Delay (s)	LOS
B-CD	107.90	107.71	0.00	590.90	0.183	0.22	7.446	A
B-AD	13.46	13.43	0.00	449.32	0.030	0.03	8.259	A
A-BCD	1.80	1.80	0.00	555.57	0.003	0.00	6.500	A
A-B	5.39	5.39	0.00	-	-	-	-	-
A-C	337.11	337.11	0.00	-	-	-	-	-
D-AB	4.09	4.09	0.00	503.48	0.008	0.01	7.207	A
D-BC	14.79	14.75	0.00	382.95	0.039	0.04	9.777	A
C-D	13.48	13.48	0.00	-	-	-	-	-
C-A	319.14	319.14	0.00	-	-	-	-	-
C-B	39.56	39.50	0.00	564.91	0.070	0.07	6.851	A

Main results: (08:30-08:45)

Stream	Total Demand (PCU/hr)	Entry Flow (PCU/hr)	Pedestrian Demand (Ped/hr)	Capacity (PCU/hr)	RFC	End Queue (PCU)	Delay (s)	LOS
B-CD	132.16	131.86	0.00	570.87	0.232	0.30	8.194	A
B-AD	16.47	16.43	0.00	412.04	0.040	0.04	9.098	A
A-BCD	2.21	2.21	0.00	536.09	0.004	0.00	6.742	A
A-B	6.61	6.61	0.00	-	-	-	-	-
A-C	412.88	412.88	0.00	-	-	-	-	-
D-AB	5.03	5.02	0.00	476.62	0.011	0.01	7.632	A
D-BC	18.09	18.03	0.00	348.03	0.052	0.05	10.908	B
C-D	16.52	16.52	0.00	-	-	-	-	-
C-A	390.86	390.86	0.00	-	-	-	-	-
C-B	48.44	48.36	0.00	547.25	0.089	0.10	7.216	A

Main results: (08:45-09:00)

Stream	Total Demand (PCU/hr)	Entry Flow (PCU/hr)	Pedestrian Demand (Ped/hr)	Capacity (PCU/hr)	RFC	End Queue (PCU)	Delay (s)	LOS
B-CD	132.16	132.16	0.00	570.85	0.232	0.30	8.206	A
B-AD	16.47	16.47	0.00	411.97	0.040	0.04	9.102	A
A-BCD	2.21	2.21	0.00	536.07	0.004	0.00	6.742	A
A-B	6.61	6.61	0.00	-	-	-	-	-
A-C	412.88	412.88	0.00	-	-	-	-	-
D-AB	5.03	5.03	0.00	476.57	0.011	0.01	7.633	A
D-BC	18.09	18.09	0.00	347.94	0.052	0.05	10.913	B
C-D	16.52	16.52	0.00	-	-	-	-	-
C-A	390.86	390.86	0.00	-	-	-	-	-
C-B	48.44	48.44	0.00	547.25	0.089	0.10	7.216	A

Main results: (09:00-09:15)

Stream	Total Demand (PCU/hr)	Entry Flow (PCU/hr)	Pedestrian Demand (Ped/hr)	Capacity (PCU/hr)	RFC	End Queue (PCU)	Delay (s)	LOS
B-CD	107.90	108.20	0.00	590.87	0.183	0.23	7.465	A
B-AD	13.46	13.50	0.00	449.21	0.030	0.03	8.264	A
A-BCD	1.80	1.80	0.00	555.53	0.003	0.00	6.500	A
A-B	5.39	5.39	0.00	-	-	-	-	-
A-C	337.11	337.11	0.00	-	-	-	-	-
D-AB	4.09	4.10	0.00	503.41	0.008	0.01	7.212	A
D-BC	14.78	14.84	0.00	382.80	0.039	0.04	9.784	A
C-D	13.48	13.48	0.00	-	-	-	-	-
C-A	319.14	319.14	0.00	-	-	-	-	-
C-B	39.56	39.64	0.00	564.91	0.070	0.08	6.856	A

Main results: (09:15-09:30)

Stream	Total Demand (PCU/hr)	Entry Flow (PCU/hr)	Pedestrian Demand (Ped/hr)	Capacity (PCU/hr)	RFC	End Queue (PCU)	Delay (s)	LOS
B-CD	90.36	90.55	0.00	605.23	0.149	0.18	6.999	A
B-AD	11.28	11.30	0.00	475.68	0.024	0.02	7.752	A
A-BCD	1.51	1.51	0.00	569.70	0.003	0.00	6.335	A
A-B	4.52	4.52	0.00	-	-	-	-	-
A-C	282.32	282.32	0.00	-	-	-	-	-
D-AB	3.42	3.43	0.00	522.37	0.007	0.01	6.936	A
D-BC	12.39	12.43	0.00	408.08	0.030	0.03	9.099	A
C-D	11.29	11.29	0.00	-	-	-	-	-
C-A	267.26	267.26	0.00	-	-	-	-	-
C-B	33.13	33.18	0.00	577.67	0.057	0.06	6.614	A

(Default Analysis Set) - BASE 2020 + Dev, PM

Data Errors and Warnings

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

Analysis Set Details

Name	Description	Locked	Network Flow Scaling Factor (%)	Reason For Scaling Factors
(Default Analysis Set)			100.000	

Demand Set Details

Name	Scenario Name	Time Period Name	Description	Traffic Profile Type	Model Start Time (HH:mm)	Model Finish Time (HH:mm)	Model Time Period Length (min)	Time Segment Length (min)	Single Time Segment Only	Locked
BASE 2020 + Dev, PM	BASE 2020 + Dev	PM		ONE HOUR	16:30	18:00	90	15		

Junction Network

Junctions

Name	Junction Type	Major Road Direction	Arm Order	Junction Delay (s)	Junction LOS
google	Crossroads	Two-way	A,B,C,D	8.66	A

Junction Network Options

Driving Side	Lighting
Left	Normal/unknown

Arms

Arms

Arm	Name	Description	Arm Type
A	Ashbourne Road (east)		Major
B	Heathfield Nook Road (south)		Minor
C	Ashbourne Road (west)		Major
D	Heathfield Nook Road (north)		Minor

Major Arm Geometry

Arm	Width of carriageway (m)	Has kerbed central reserve	Width of kerbed central reserve (m)	Has right turn bay	Width For Right Turn (m)	Visibility For Right Turn (m)	Blocks?	Blocking Queue (PCU)
A	8.00		0.00		2.20	120.00	✓	1.00
C	8.00		0.00		2.20	120.00		

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

Minor Arm Geometry

Arm	Minor Arm Type	Lane Width (m)	Lane Width (Left) (m)	Lane Width (Right) (m)	Width at give-way (m)	Width at 5m (m)	Width at 10m (m)	Width at 15m (m)	Width at 20m (m)	Estimate Flare Length	Flare Length (PCU)	Visibility To Left (m)	Visibility To Right (m)
B	One lane plus flare				10.00	4.20	3.00	2.50	2.30	✓	1.00	18	47
D	One lane plus flare				10.00	7.10	3.80	2.70	2.70	✓	1.00	21	24

Pedestrian Crossings

Arm	Crossing Type
A	None
B	None
C	None
D	None

Slope / Intercept / Capacity

Priority Intersection Slopes and Intercepts

Junction	Stream	Intercept (PCU/hr)	Slope for A-B	Slope for A-C	Slope for A-D	Slope for B-A	Slope for B-C	Slope for B-D	Slope for C-A	Slope for C-B	Slope for C-D	Slope for D-A	Slope for D-B	Slope for D-C
1	A-D	643.457	-	-	-	-	-	-	0.228	0.325	0.228	-	-	-
1	B-A	607.861	0.101	0.255	0.255	-	-	-	0.161	0.365	-	0.255	0.255	0.128
1	B-C	679.696	0.095	0.240	-	-	-	-	-	-	-	-	-	-
1	B-D, nearside lane	526.734	0.088	0.221	0.221	-	-	-	0.139	0.316	0.139	-	-	-
1	B-D, offside lane	607.861	0.101	0.255	0.255	-	-	-	0.161	0.365	0.161	-	-	-
1	C-B	643.457	0.228	0.228	0.325	-	-	-	-	-	-	-	-	-
1	D-A	702.302	-	-	-	-	-	-	0.248	-	0.098	-	-	-
1	D-B, nearside lane	545.317	0.144	0.144	0.327	-	-	-	0.229	0.229	0.091	-	-	-
1	D-B, offside lane	529.212	0.140	0.140	0.318	-	-	-	0.222	0.222	0.088	-	-	-
1	D-C	529.212	-	0.140	0.318	0.111	0.222	0.222	0.222	0.222	0.088	-	-	-

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

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

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

Traffic Flows

Demand Set Data Options

Default Vehicle Mix	Vehicle Mix Varies Over Time	Vehicle Mix Varies Over Turn	Vehicle Mix Varies Over Entry	Vehicle Mix Source	PCU Factor for a HV (PCU)	Default Turning Proportions	Estimate from entry/exit counts	Turning Proportions Vary Over Time	Turning Proportions Vary Over Turn	Turning Proportions Vary Over Entry
		✓	✓	HV Percentages	2.00				✓	✓

Entry Flows

General Flows Data

Arm	Profile Type	Use Turning Counts	Average Demand Flow (PCU/hr)	Flow Scaling Factor (%)
A	ONE HOUR	✓	441.00	100.000
B	ONE HOUR	✓	69.00	100.000
C	ONE HOUR	✓	533.00	100.000
D	ONE HOUR	✓	31.00	100.000

Turning Proportions

Turning Counts or Proportions (PCU/hr) - Junction 1 (for whole period)

	To				
From		A	B	C	D
	A	0.000	9.000	422.000	10.000
	B	5.000	0.000	60.000	4.000
	C	402.000	112.000	0.000	19.000
	D	8.000	5.000	18.000	0.000

Turning Proportions (PCU) - Junction 1 (for whole period)

	To				
		A	B	C	D
From	A	0.00	0.02	0.96	0.02
	B	0.07	0.00	0.87	0.06
	C	0.75	0.21	0.00	0.04
	D	0.26	0.16	0.58	0.00

Vehicle Mix

Average PCU Per Vehicle - Junction 1 (for whole period)

	To				
		A	B	C	D
From	A	1.000	1.000	1.000	1.000
	B	1.000	1.000	1.000	1.000
	C	1.000	1.000	1.000	1.000
	D	1.000	1.000	1.000	1.000

Heavy Vehicle Percentages - Junction 1 (for whole period)

	To				
		A	B	C	D
From	A	0.000	0.000	0.000	0.000
	B	0.000	0.000	0.000	0.000
	C	0.000	0.000	0.000	0.000
	D	0.000	0.000	0.000	0.000

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS
B-CD	0.12	7.48	0.14	A
B-AD	0.02	10.14	0.02	B
A-BCD	0.02	7.29	0.02	A
A-B	-	-	-	-
A-C	-	-	-	-
D-AB	0.02	7.52	0.02	A
D-BC	0.07	12.18	0.08	B
C-D	-	-	-	-
C-A	-	-	-	-
C-B	0.23	8.81	0.30	A

Main Results for each time segment

Main results: (16:30-16:45)

Stream	Total Demand (PCU/hr)	Entry Flow (PCU/hr)	Pedestrian Demand (Ped/hr)	Capacity (PCU/hr)	RFC	End Queue (PCU)	Delay (s)	LOS
B-CD	46.69	46.35	0.00	589.88	0.079	0.09	6.618	A
B-AD	5.26	5.21	0.00	440.78	0.012	0.01	8.264	A
A-BCD	7.59	7.53	0.00	547.02	0.014	0.01	6.672	A
A-B	6.77	6.77	0.00	-	-	-	-	-
A-C	317.64	317.64	0.00	-	-	-	-	-
D-AB	7.97	7.91	0.00	547.10	0.015	0.01	6.676	A
D-BC	15.37	15.20	0.00	385.06	0.040	0.04	9.729	A
C-D	14.30	14.30	0.00	-	-	-	-	-
C-A	302.65	302.65	0.00	-	-	-	-	-
C-B	84.32	83.63	0.00	567.15	0.149	0.17	7.434	A

Main results: (16:45-17:00)

Stream	Total Demand (PCU/hr)	Entry Flow (PCU/hr)	Pedestrian Demand (Ped/hr)	Capacity (PCU/hr)	RFC	End Queue (PCU)	Delay (s)	LOS
B-CD	55.76	55.67	0.00	573.20	0.097	0.11	6.956	A
B-AD	6.27	6.26	0.00	407.94	0.015	0.02	8.962	A
A-BCD	9.10	9.09	0.00	529.04	0.017	0.02	6.923	A
A-B	8.09	8.09	0.00	-	-	-	-	-
A-C	379.26	379.26	0.00	-	-	-	-	-
D-AB	9.54	9.53	0.00	523.76	0.018	0.02	7.000	A
D-BC	18.33	18.28	0.00	356.84	0.051	0.05	10.632	B
C-D	17.08	17.08	0.00	-	-	-	-	-
C-A	361.39	361.39	0.00	-	-	-	-	-
C-B	100.69	100.49	0.00	552.32	0.182	0.22	7.964	A

Main results: (17:00-17:15)

Stream	Total Demand (PCU/hr)	Entry Flow (PCU/hr)	Pedestrian Demand (Ped/hr)	Capacity (PCU/hr)	RFC	End Queue (PCU)	Delay (s)	LOS
B-CD	68.30	68.16	0.00	549.77	0.124	0.14	7.473	A
B-AD	7.67	7.65	0.00	362.78	0.021	0.02	10.137	B
A-BCD	11.24	11.22	0.00	505.12	0.022	0.02	7.288	A
A-B	9.90	9.90	0.00	-	-	-	-	-
A-C	464.40	464.40	0.00	-	-	-	-	-
D-AB	11.73	11.71	0.00	490.37	0.024	0.02	7.520	A
D-BC	22.40	22.31	0.00	318.04	0.070	0.07	12.171	B
C-D	20.92	20.92	0.00	-	-	-	-	-
C-A	442.61	442.61	0.00	-	-	-	-	-
C-B	123.31	123.00	0.00	531.84	0.232	0.30	8.805	A

Main results: (17:15-17:30)

Stream	Total Demand (PCU/hr)	Entry Flow (PCU/hr)	Pedestrian Demand (Ped/hr)	Capacity (PCU/hr)	RFC	End Queue (PCU)	Delay (s)	LOS
B-CD	68.30	68.29	0.00	549.75	0.124	0.14	7.476	A
B-AD	7.67	7.67	0.00	362.64	0.021	0.02	10.141	B
A-BCD	11.24	11.24	0.00	505.02	0.022	0.02	7.289	A
A-B	9.90	9.90	0.00	-	-	-	-	-
A-C	464.40	464.40	0.00	-	-	-	-	-
D-AB	11.74	11.74	0.00	490.22	0.024	0.02	7.522	A
D-BC	22.40	22.39	0.00	317.95	0.070	0.08	12.180	B
C-D	20.92	20.92	0.00	-	-	-	-	-
C-A	442.61	442.61	0.00	-	-	-	-	-
C-B	123.31	123.31	0.00	531.83	0.232	0.30	8.811	A

Main results: (17:30-17:45)

Stream	Total Demand (PCU/hr)	Entry Flow (PCU/hr)	Pedestrian Demand (Ped/hr)	Capacity (PCU/hr)	RFC	End Queue (PCU)	Delay (s)	LOS
B-CD	55.76	55.89	0.00	573.17	0.097	0.11	6.960	A
B-AD	6.27	6.30	0.00	407.72	0.015	0.02	8.969	A
A-BCD	9.10	9.12	0.00	528.87	0.017	0.02	6.925	A
A-B	8.09	8.09	0.00	-	-	-	-	-
A-C	379.26	379.26	0.00	-	-	-	-	-
D-AB	9.54	9.57	0.00	523.49	0.018	0.02	7.007	A
D-BC	18.33	18.41	0.00	356.70	0.051	0.05	10.645	B
C-D	17.08	17.08	0.00	-	-	-	-	-
C-A	361.39	361.39	0.00	-	-	-	-	-
C-B	100.69	100.98	0.00	552.31	0.182	0.23	7.981	A

Main results: (17:45-18:00)

Stream	Total Demand (PCU/hr)	Entry Flow (PCU/hr)	Pedestrian Demand (Ped/hr)	Capacity (PCU/hr)	RFC	End Queue (PCU)	Delay (s)	LOS
B-CD	46.69	46.78	0.00	589.84	0.079	0.09	6.629	A
B-AD	5.26	5.27	0.00	440.39	0.012	0.01	8.273	A
A-BCD	7.59	7.60	0.00	546.73	0.014	0.01	6.679	A
A-B	6.77	6.77	0.00	-	-	-	-	-
A-C	317.64	317.64	0.00	-	-	-	-	-
D-AB	7.97	7.99	0.00	546.71	0.015	0.01	6.681	A
D-BC	15.37	15.42	0.00	384.80	0.040	0.04	9.748	A
C-D	14.30	14.30	0.00	-	-	-	-	-
C-A	302.65	302.65	0.00	-	-	-	-	-
C-B	84.32	84.52	0.00	567.13	0.149	0.18	7.461	A