

Appendix R

Junctions 9
PICADY 9 - Priority Intersection Module
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Filename: Bedhampton Hill and Havant Road v3.j9

Path: C:\Users\Pree\Desktop

Report generation date: 27/04/2018 14:43:12

»2016 Baseline - 2016 Baseline, AM
»2016 Baseline - 2016 Baseline, PM
»2016 Baseline - 2023 Baseline, AM
»2016 Baseline - 2023 Baseline, PM
»2016 Baseline - 2023 Baseline +CD, AM
»2016 Baseline - 2023 Baseline +CD, PM
»2016 Baseline - 2023 Baseline +CD +50 PD, AM
»2016 Baseline - 2023 Baseline +CD +50 PD, PM
»2016 Baseline - 2028 Baseline, AM
»2016 Baseline - 2028 Baseline, PM
»2016 Baseline - 2028 Baseline + CD, AM
»2016 Baseline - 2028 Baseline + CD, PM
»2016 Baseline - 2028 Baseline + CD + PD, AM
»2016 Baseline - 2028 Baseline + CD + PD, PM

Summary of junction performance

	AM				PM			
	Queue (PCU)	Delay (s)	RFC	LOS	Queue (PCU)	Delay (s)	RFC	LOS
2016 Baseline - 2016 Baseline								
Stream B-ACD	0.3	9.39	0.21	A	0.4	9.48	0.24	A
Stream A-BCD	0.0	0.00	0.00	A	0.0	0.00	0.00	A
Stream D-ABC	0.4	11.94	0.27	B	0.6	12.85	0.34	B
Stream C-ABD	0.0	0.00	0.00	A	0.0	0.00	0.00	A
2016 Baseline - 2023 Baseline								
Stream B-ACD	0.3	10.13	0.24	B	0.4	10.21	0.28	B
Stream A-BCD	0.0	0.00	0.00	A	0.0	0.00	0.00	A
Stream D-ABC	0.5	12.83	0.31	B	0.7	13.96	0.38	B
Stream C-ABD	0.0	0.00	0.00	A	0.0	0.00	0.00	A
2016 Baseline - 2023 Baseline +CD								
Stream B-ACD	0.3	10.16	0.24	B	0.4	10.24	0.28	B
Stream A-BCD	0.0	0.00	0.00	A	0.0	0.00	0.00	A
Stream D-ABC	0.5	12.85	0.31	B	0.7	13.99	0.38	B
Stream C-ABD	0.0	0.00	0.00	A	0.0	0.00	0.00	A
2016 Baseline - 2023 Baseline +CD +50 PD								
Stream B-ACD	0.4	10.42	0.25	B	0.4	10.37	0.28	B
Stream A-BCD	0.0	0.00	0.00	A	0.0	0.00	0.00	A
Stream D-ABC	0.5	13.05	0.31	B	0.7	14.11	0.38	B
Stream C-ABD	0.0	0.00	0.00	A	0.0	0.00	0.00	A
2016 Baseline - 2028 Baseline								
Stream B-ACD	0.4	10.53	0.26	B	0.5	10.61	0.30	B
Stream A-BCD	0.0	0.00	0.00	A	0.0	0.00	0.00	A
Stream D-ABC	0.5	13.34	0.33	B	0.7	14.60	0.40	B
Stream C-ABD	0.0	0.00	0.00	A	0.0	0.00	0.00	A
2016 Baseline - 2028 Baseline + CD								
Stream B-ACD	0.4	10.57	0.26	B	0.5	10.64	0.30	B
Stream A-BCD	0.0	0.00	0.00	A	0.0	0.00	0.00	A
Stream D-ABC	0.5	13.36	0.33	B	0.7	14.63	0.40	B
Stream C-ABD	0.0	0.00	0.00	A	0.0	0.00	0.00	A
2016 Baseline - 2028 Baseline + CD + PD								
Stream B-ACD	0.4	11.15	0.27	B	0.5	10.94	0.30	B
Stream A-BCD	0.0	0.00	0.00	A	0.0	0.00	0.00	A
Stream D-ABC	0.6	13.80	0.34	B	0.7	14.90	0.41	B
Stream C-ABD	0.0	0.00	0.00	A	0.0	0.00	0.00	A

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

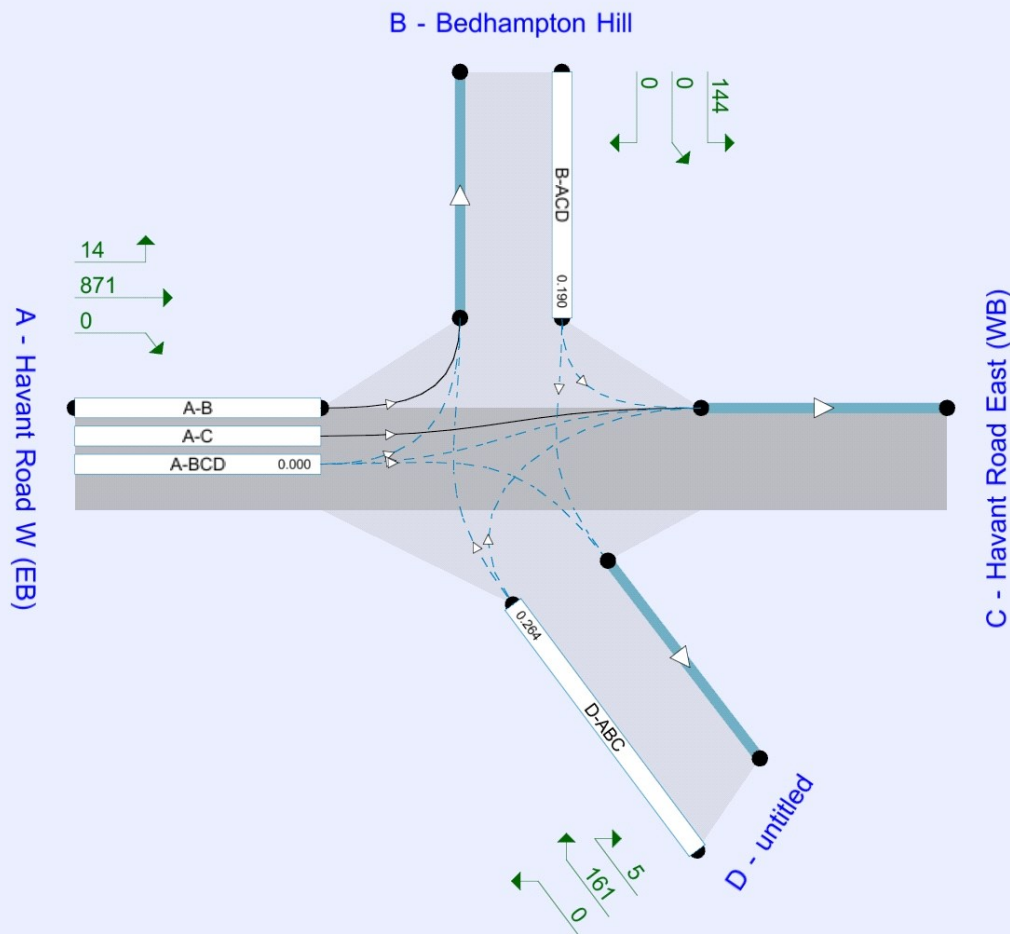
File summary

File Description

Title	Bedhampton Hill and Havant Road
Location	Bedhampton Hill and Havant Road
Site number	041.0023
Date	14/12/2016
Version	
Status	(new file)
Identifier	
Client	
Jobnumber	
Enumerator	DESKTOP-C5VLVNQIARCADY
Description	

Units

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



Flows show original traffic demand (PCU/hr).
Streams (downstream end) show RFC ()

The junction diagram reflects the last run of Junctions.

Analysis Options

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

Demand Set Summary

ID	Scenario name	Time Period name	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)	Run automatically
D1	2016 Baseline	AM	ONE HOUR	07:15	08:45	15	✓
D2	2016 Baseline	PM	ONE HOUR	16:00	17:30	15	✓
D3	2023 Baseline	AM	ONE HOUR	07:15	08:45	15	✓
D4	2023 Baseline	PM	ONE HOUR	16:00	17:30	15	✓
D5	2023 Baseline +CD	AM	ONE HOUR	07:15	08:45	15	✓
D6	2023 Baseline +CD	PM	ONE HOUR	16:00	17:30	15	✓
D7	2023 Baseline +CD +50 PD	AM	ONE HOUR	07:15	08:45	15	✓
D8	2023 Baseline +CD +50 PD	PM	ONE HOUR	16:00	17:30	15	✓
D9	2028 Baseline	AM	ONE HOUR	07:15	08:45	15	✓
D10	2028 Baseline	PM	ONE HOUR	16:00	17:30	15	✓
D11	2028 Baseline + CD	AM	ONE HOUR	07:15	08:45	15	✓
D12	2028 Baseline + CD	PM	ONE HOUR	16:00	17:30	15	✓
D13	2028 Baseline + CD + PD	AM	ONE HOUR	07:15	08:45	15	✓
D14	2028 Baseline + CD + PD	PM	ONE HOUR	16:00	17:30	15	✓

Analysis Set Details

ID	Name	Include in report	Network flow scaling factor (%)	Network capacity scaling factor (%)
A1	2016 Baseline	✓	100.000	100.000

2016 Baseline - 2016 Baseline, AM

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction Type	Major road direction	Junction Delay (s)	Junction LOS
1	Bedhampton Hill and Havant Road	Crossroads	One-way from A to C	2.21	A

Junction Network Options

Driving side	Lighting
Left	Normal/unknown

Arms

Arms

Arm	Name	Description	Arm type
A	Havant Road W (EB)		Major
B	Bedhampton Hill	Left out only	Minor
C	Havant Road East (WB)		Major
D	untitled		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 - Havant Road W (EB)	7.30	✓	8.87			0.0	✓	0.00
C - Havant Road East (WB)	7.30	✓	8.87	✓			✓	

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)	Visibility to left (m)	Visibility to right (m)
B - Bedhampton Hill	One lane	2.89	70	100
D - untitled	One lane	2.20	0	0

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	574	-	-	-	-	-	-	0.139	0.199	0.139	-	-	-
1	B-A	652	0.062	0.157	0.157	-	-	-	0.099	0.224	-	0.157	0.157	0.078
1	B-C	679	0.065	0.165	-	-	-	-	-	-	-	-	-	-
1	B-D, nearside lane	652	0.062	0.157	0.157	-	-	-	0.099	0.224	0.099	-	-	-
1	B-D, offside lane	652	0.062	0.157	0.157	-	-	-	0.099	0.224	0.099	-	-	-
1	C-B	824	0.200	0.200	0.286	-	-	-	-	-	-	-	-	-
1	D-A	574	-	-	-	-	-	-	0.139	-	0.055	-	-	-
1	D-B, nearside lane	527	0.080	0.080	0.181	-	-	-	0.127	0.127	0.050	-	-	-
1	D-B, offside lane	527	0.080	0.080	0.181	-	-	-	0.127	0.127	0.050	-	-	-
1	D-C	527	-	0.080	0.181	0.063	0.127	0.127	0.127	0.127	0.050	-	-	-

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

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

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

Traffic Demand

Demand Set Details

ID	Scenario name	Time Period name	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)	Run automatically
D1	2016 Baseline	AM	ONE HOUR	07:15	08:45	15	✓

Default vehicle mix	Vehicle mix varies over turn	Vehicle mix varies over entry	Vehicle mix source	PCU Factor for a HV (PCU)
✓	✓	✓	HV Percentages	2.00

Demand overview (Traffic)

Arm	Linked arm	Profile type	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
A - Havant Road W (EB)		ONE HOUR	✓	817	100.000
B - Bedhampton Hill		ONE HOUR	✓	100	100.000
C - Havant Road East (WB)		ONE HOUR	✓	0	100.000
D - untitled		ONE HOUR	✓	112	100.000

Origin-Destination Data

Demand (PCU/hr)

	To				
From		A - Havant Road W (EB)	B - Bedhampton Hill	C - Havant Road East (WB)	D - untitled
	A - Havant Road W (EB)	0	6	811	0
	B - Bedhampton Hill	0	0	100	0
	C - Havant Road East (WB)	0	0	0	0
	D - untitled	0	111	1	0

Vehicle Mix

Heavy Vehicle Percentages

	To				
From		A - Havant Road W (EB)	B - Bedhampton Hill	C - Havant Road East (WB)	D - untitled
	A - Havant Road W (EB)	10	10	10	10
	B - Bedhampton Hill	10	10	10	10
	C - Havant Road East (WB)	10	10	10	10
	D - untitled	10	10	10	10

Results

Results Summary for whole modelled period

Stream	Max RFC	Max delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/hr)	Total Junction Arrivals (PCU)
B-ACD	0.21	9.39	0.3	A	92	138
A-BCD	0.00	0.00	0.0	A	0	0
A-B					6	8
A-C					744	1116
D-ABC	0.27	11.94	0.4	B	103	154
C-ABD	0.00	0.00	0.0	A	0	0
C-D					0	0
C-A					0	0

Main Results for each time segment

07:15 - 07:30

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-ACD	75	19	578	0.130	75	0.0	0.2	7.849	A
ABCD	0	0	574	0.000	0	0.0	0.0	0.000	A
A-B	5	1			5				
A-C	611	153			611				
D-ABC	84	21	478	0.177	83	0.0	0.2	10.024	B
C-ABD	0	0	1403	0.000	0	0.0	0.0	0.000	A
C-D	0	0			0				
C-A	0	0			0				

07:30 - 07:45

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-ACD	90	22	559	0.161	90	0.2	0.2	8.436	A
ABCD	0	0	574	0.000	0	0.0	0.0	0.000	A
A-B	5	1			5				
A-C	729	182			729				
D-ABC	101	25	468	0.215	100	0.2	0.3	10.765	B
C-ABD	0	0	1355	0.000	0	0.0	0.0	0.000	A
C-D	0	0			0				
C-A	0	0			0				

07:45 - 08:00

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-ACD	110	28	532	0.207	110	0.2	0.3	9.377	A
ABCD	0	0	574	0.000	0	0.0	0.0	0.000	A
A-B	7	2			7				
A-C	893	223			893				
D-ABC	123	31	455	0.271	123	0.3	0.4	11.913	B
C-ABD	0	0	1289	0.000	0	0.0	0.0	0.000	A
C-D	0	0			0				
C-A	0	0			0				

08:00 - 08:15

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-ACD	110	28	532	0.207	110	0.3	0.3	9.390	A
ABCD	0	0	574	0.000	0	0.0	0.0	0.000	A
A-B	7	2			7				
A-C	893	223			893				
D-ABC	123	31	455	0.271	123	0.4	0.4	11.944	B
C-ABD	0	0	1289	0.000	0	0.0	0.0	0.000	A
C-D	0	0			0				
C-A	0	0			0				

08:15 - 08:30

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-ACD	90	22	559	0.161	90	0.3	0.2	8.455	A
ABCD	0	0	574	0.000	0	0.0	0.0	0.000	A
A-B	5	1			5				
A-C	729	182			729				
D-ABC	101	25	468	0.215	101	0.4	0.3	10.805	B
C-ABD	0	0	1355	0.000	0	0.0	0.0	0.000	A
C-D	0	0			0				
C-A	0	0			0				

08:30 - 08:45

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-ACD	75	19	578	0.130	75	0.2	0.2	7.877	A
ABCD	0	0	574	0.000	0	0.0	0.0	0.000	A
A-B	5	1			5				
A-C	611	153			611				
D-ABC	84	21	478	0.177	85	0.3	0.2	10.086	B
C-ABD	0	0	1403	0.000	0	0.0	0.0	0.000	A
C-D	0	0			0				
C-A	0	0			0				

2016 Baseline - 2016 Baseline, PM

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction Type	Major road direction	Junction Delay (s)	Junction LOS
1	Bedhampton Hill and Havant Road	Crossroads	One-way from A to C	3.09	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 segment length (min)	Run automatically
D2	2016 Baseline	PM	ONE HOUR	16:00	17:30	15	✓

Default vehicle mix	Vehicle mix varies over turn	Vehicle mix varies over entry	Vehicle mix source	PCU Factor for a HV (PCU)
✓	✓	✓	HV Percentages	2.00

Demand overview (Traffic)

Arm	Linked arm	Profile type	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
A - Havant Road W (EB)		ONE HOUR	✓	703	100.000
B - Bedhampton Hill		ONE HOUR	✓	123	100.000
C - Havant Road East (WB)		ONE HOUR	✓	0	100.000
D - untitled		ONE HOUR	✓	142	100.000

Origin-Destination Data

Demand (PCU/hr)

	To				
		A - Havant Road W (EB)	B - Bedhampton Hill	C - Havant Road East (WB)	D - untitled
From	A - Havant Road W (EB)	0	12	691	0
	B - Bedhampton Hill	0	0	123	0
	C - Havant Road East (WB)	0	0	0	0
	D - untitled	0	138	4	0

Vehicle Mix

Heavy Vehicle Percentages

	To				
		A - Havant Road W (EB)	B - Bedhampton Hill	C - Havant Road East (WB)	D - untitled
From	A - Havant Road W (EB)	10	10	10	10
	B - Bedhampton Hill	10	10	10	10
	C - Havant Road East (WB)	10	10	10	10
	D - untitled	10	10	10	10

Results

Results Summary for whole modelled period

Stream	Max RFC	Max delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/hr)	Total Junction Arrivals (PCU)
B-ACD	0.24	9.48	0.4	A	113	169
ABCD	0.00	0.00	0.0	A	0	0
A-B					11	17
A-C					634	951
D-ABC	0.34	12.85	0.6	B	130	195
C-ABD	0.00	0.00	0.0	A	0	0
C-D					0	0
C-A					0	0

Main Results for each time segment

16:00 - 16:15

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-ACD	93	23	593	0.156	92	0.0	0.2	7.888	A
ABCD	0	0	574	0.000	0	0.0	0.0	0.000	A
A-B	9	2			9				
A-C	520	130			520				
D-ABC	107	27	484	0.221	106	0.0	0.3	10.431	B
C-ABD	0	0	1437	0.000	0	0.0	0.0	0.000	A
C-D	0	0			0				
C-A	0	0			0				

16:15 - 16:30

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-ACD	111	28	576	0.192	110	0.2	0.3	8.494	A
ABCD	0	0	574	0.000	0	0.0	0.0	0.000	A
A-B	11	3			11				
A-C	621	155			621				
D-ABC	128	32	476	0.268	127	0.3	0.4	11.348	B
C-ABD	0	0	1396	0.000	0	0.0	0.0	0.000	A
C-D	0	0			0				
C-A	0	0			0				

16:30 - 16:45

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-ACD	135	34	553	0.245	135	0.3	0.4	9.463	A
ABCD	0	0	574	0.000	0	0.0	0.0	0.000	A
A-B	13	3			13				
A-C	761	190			761				
D-ABC	156	39	464	0.337	156	0.4	0.5	12.800	B
C-ABD	0	0	1339	0.000	0	0.0	0.0	0.000	A
C-D	0	0			0				
C-A	0	0			0				

16:45 - 17:00

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-ACD	135	34	553	0.245	135	0.4	0.4	9.479	A
ABCD	0	0	574	0.000	0	0.0	0.0	0.000	A
A-B	13	3			13				
A-C	761	190			761				
D-ABC	156	39	464	0.337	156	0.5	0.6	12.847	B
C-ABD	0	0	1339	0.000	0	0.0	0.0	0.000	A
C-D	0	0			0				
C-A	0	0			0				

17:00 - 17:15

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-ACD	111	28	576	0.192	111	0.4	0.3	8.515	A
ABCD	0	0	574	0.000	0	0.0	0.0	0.000	A
A-B	11	3			11				
A-C	621	155			621				
D-ABC	128	32	476	0.268	128	0.6	0.4	11.408	B
C-ABD	0	0	1396	0.000	0	0.0	0.0	0.000	A
C-D	0	0			0				
C-A	0	0			0				

17:15 - 17:30

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-ACD	93	23	593	0.156	93	0.3	0.2	7.920	A
ABCD	0	0	574	0.000	0	0.0	0.0	0.000	A
A-B	9	2			9				
A-C	520	130			520				
D-ABC	107	27	484	0.221	107	0.4	0.3	10.519	B
C-ABD	0	0	1437	0.000	0	0.0	0.0	0.000	A
C-D	0	0			0				
C-A	0	0			0				

2016 Baseline - 2023 Baseline, AM

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction Type	Major road direction	Junction Delay (s)	Junction LOS
1	Bedhampton Hill and Havant Road	Crossroads	One-way from A to C	2.38	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 segment length (min)	Run automatically
D3	2023 Baseline	AM	ONE HOUR	07:15	08:45	15	✓

Default vehicle mix	Vehicle mix varies over turn	Vehicle mix varies over entry	Vehicle mix source	PCU Factor for a HV (PCU)
✓	✓	✓	HV Percentages	2.00

Demand overview (Traffic)

Arm	Linked arm	Profile type	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
A - Havant Road W (EB)		ONE HOUR	✓	915	100.000
B - Bedhampton Hill		ONE HOUR	✓	112	100.000
C - Havant Road East (WB)		ONE HOUR	✓	0	100.000
D - untitled		ONE HOUR	✓	125	100.000

Origin-Destination Data

Demand (PCU/hr)

	To				
		A - Havant Road W (EB)	B - Bedhampton Hill	C - Havant Road East (WB)	D - untitled
From	A - Havant Road W (EB)	0	7	908	0
	B - Bedhampton Hill	0	0	112	0
	C - Havant Road East (WB)	0	0	0	0
	D - untitled	0	124	1	0

Vehicle Mix

Heavy Vehicle Percentages

	To				
		A - Havant Road W (EB)	B - Bedhampton Hill	C - Havant Road East (WB)	D - untitled
From	A - Havant Road W (EB)	10	10	10	10
	B - Bedhampton Hill	10	10	10	10
	C - Havant Road East (WB)	10	10	10	10
	D - untitled	10	10	10	10

Results

Results Summary for whole modelled period

Stream	Max RFC	Max delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/hr)	Total Junction Arrivals (PCU)
B-ACD	0.24	10.13	0.3	B	103	154
ABCD	0.00	0.00	0.0	A	0	0
A-B					6	10
A-C					833	1250
D-ABC	0.31	12.83	0.5	B	115	172
C-ABD	0.00	0.00	0.0	A	0	0
C-D					0	0
C-A					0	0

Main Results for each time segment

07:15 - 07:30

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-ACD	84	21	566	0.149	84	0.0	0.2	8.202	A
ABCD	0	0	574	0.000	0	0.0	0.0	0.000	A
A-B	5	1			5				
A-C	684	171			684				
D-ABC	94	24	472	0.200	93	0.0	0.3	10.430	B
C-ABD	0	0	1373	0.000	0	0.0	0.0	0.000	A
C-D	0	0			0				
C-A	0	0			0				

07:30 - 07:45

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-ACD	101	25	544	0.185	100	0.2	0.2	8.914	A
ABCD	0	0	574	0.000	0	0.0	0.0	0.000	A
A-B	6	2			6				
A-C	816	204			816				
D-ABC	112	28	461	0.244	112	0.3	0.3	11.338	B
C-ABD	0	0	1320	0.000	0	0.0	0.0	0.000	A
C-D	0	0			0				
C-A	0	0			0				

07:45 - 08:00

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-ACD	123	31	514	0.240	123	0.2	0.3	10.112	B
ABCD	0	0	574	0.000	0	0.0	0.0	0.000	A
A-B	8	2			8				
A-C	1000	250			1000				
D-ABC	138	34	446	0.308	137	0.3	0.5	12.789	B
C-ABD	0	0	1246	0.000	0	0.0	0.0	0.000	A
C-D	0	0			0				
C-A	0	0			0				

08:00 - 08:15

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-ACD	123	31	514	0.240	123	0.3	0.3	10.131	B
ABCD	0	0	574	0.000	0	0.0	0.0	0.000	A
A-B	8	2			8				
A-C	1000	250			1000				
D-ABC	138	34	446	0.308	138	0.5	0.5	12.828	B
C-ABD	0	0	1246	0.000	0	0.0	0.0	0.000	A
C-D	0	0			0				
C-A	0	0			0				

08:15 - 08:30

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-ACD	101	25	544	0.185	101	0.3	0.3	8.938	A
ABCD	0	0	574	0.000	0	0.0	0.0	0.000	A
A-B	6	2			6				
A-C	816	204			816				
D-ABC	112	28	461	0.244	113	0.5	0.4	11.393	B
C-ABD	0	0	1320	0.000	0	0.0	0.0	0.000	A
C-D	0	0			0				
C-A	0	0			0				

08:30 - 08:45

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-ACD	84	21	566	0.149	85	0.3	0.2	8.224	A
ABCD	0	0	574	0.000	0	0.0	0.0	0.000	A
A-B	5	1			5				
A-C	684	171			684				
D-ABC	94	24	472	0.200	94	0.4	0.3	10.508	B
C-ABD	0	0	1373	0.000	0	0.0	0.0	0.000	A
C-D	0	0			0				
C-A	0	0			0				

2016 Baseline - 2023 Baseline, PM

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction Type	Major road direction	Junction Delay (s)	Junction LOS
1	Bedhampton Hill and Havant Road	Crossroads	One-way from A to C	3.34	A

Junction Network Options

Driving side	Lighting
Left	Normal/unknown

Traffic Demand

Demand Set Details

ID	Scenario name	Time Period name	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)	Run automatically
D4	2023 Baseline	PM	ONE HOUR	16:00	17:30	15	✓

Default vehicle mix	Vehicle mix varies over turn	Vehicle mix varies over entry	Vehicle mix source	PCU Factor for a HV (PCU)
✓	✓	✓	HV Percentages	2.00

Demand overview (Traffic)

Arm	Linked arm	Profile type	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
A - Havant Road W (EB)		ONE HOUR	✓	783	100.000
B - Bedhampton Hill		ONE HOUR	✓	137	100.000
C - Havant Road East (WB)		ONE HOUR	✓	0	100.000
D - untitled		ONE HOUR	✓	158	100.000

Origin-Destination Data

Demand (PCU/hr)

	To				
		A - Havant Road W (EB)	B - Bedhampton Hill	C - Havant Road East (WB)	D - untitled
From	A - Havant Road W (EB)	0	13	770	0
	B - Bedhampton Hill	0	0	137	0
	C - Havant Road East (WB)	0	0	0	0
	D - untitled	0	154	4	0

Vehicle Mix

Heavy Vehicle Percentages

	To				
		A - Havant Road W (EB)	B - Bedhampton Hill	C - Havant Road East (WB)	D - untitled
From	A - Havant Road W (EB)	10	10	10	10
	B - Bedhampton Hill	10	10	10	10
	C - Havant Road East (WB)	10	10	10	10
	D - untitled	10	10	10	10

Results

Results Summary for whole modelled period

Stream	Max RFC	Max delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/hr)	Total Junction Arrivals (PCU)
B-ACD	0.28	10.21	0.4	B	126	189
ABCD	0.00	0.00	0.0	A	0	0
A-B					12	18
A-C					707	1060
D-ABC	0.38	13.96	0.7	B	145	217
C-ABD	0.00	0.00	0.0	A	0	0
C-D					0	0
C-A					0	0

Main Results for each time segment

16:00 - 16:15

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-ACD	103	26	583	0.177	102	0.0	0.2	8.218	A
ABCD	0	0	574	0.000	0	0.0	0.0	0.000	A
A-B	10	2			10				
A-C	580	145			580				
D-ABC	119	30	479	0.248	118	0.0	0.4	10.903	B
C-ABD	0	0	1413	0.000	0	0.0	0.0	0.000	A
C-D	0	0			0				
C-A	0	0			0				

16:15 - 16:30

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-ACD	123	31	565	0.218	123	0.2	0.3	8.961	A
ABCD	0	0	574	0.000	0	0.0	0.0	0.000	A
A-B	12	3			12				
A-C	692	173			692				
D-ABC	142	36	470	0.302	142	0.4	0.5	12.034	B
C-ABD	0	0	1367	0.000	0	0.0	0.0	0.000	A
C-D	0	0			0				
C-A	0	0			0				

16:30 - 16:45

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-ACD	151	38	539	0.280	150	0.3	0.4	10.184	B
ABCD	0	0	574	0.000	0	0.0	0.0	0.000	A
A-B	14	4			14				
A-C	848	212			848				
D-ABC	174	43	457	0.380	173	0.5	0.7	13.890	B
C-ABD	0	0	1304	0.000	0	0.0	0.0	0.000	A
C-D	0	0			0				
C-A	0	0			0				

16:45 - 17:00

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-ACD	151	38	539	0.280	151	0.4	0.4	10.208	B
ABCD	0	0	574	0.000	0	0.0	0.0	0.000	A
A-B	14	4			14				
A-C	848	212			848				
D-ABC	174	43	457	0.380	174	0.7	0.7	13.961	B
C-ABD	0	0	1304	0.000	0	0.0	0.0	0.000	A
C-D	0	0			0				
C-A	0	0			0				

17:00 - 17:15

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-ACD	123	31	565	0.218	124	0.4	0.3	8.990	A
ABCD	0	0	574	0.000	0	0.0	0.0	0.000	A
A-B	12	3			12				
A-C	692	173			692				
D-ABC	142	36	470	0.302	143	0.7	0.5	12.122	B
C-ABD	0	0	1367	0.000	0	0.0	0.0	0.000	A
C-D	0	0			0				
C-A	0	0			0				

17:15 - 17:30

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-ACD	103	26	583	0.177	103	0.3	0.2	8.260	A
ABCD	0	0	574	0.000	0	0.0	0.0	0.000	A
A-B	10	2			10				
A-C	580	145			580				
D-ABC	119	30	479	0.248	119	0.5	0.4	11.016	B
C-ABD	0	0	1413	0.000	0	0.0	0.0	0.000	A
C-D	0	0			0				
C-A	0	0			0				

2016 Baseline - 2023 Baseline +CD, AM

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction Type	Major road direction	Junction Delay (s)	Junction LOS
1	Bedhampton Hill and Havant Road	Crossroads	One-way from A to C	2.37	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 segment length (min)	Run automatically
D5	2023 Baseline +CD	AM	ONE HOUR	07:15	08:45	15	✓

Default vehicle mix	Vehicle mix varies over turn	Vehicle mix varies over entry	Vehicle mix source	PCU Factor for a HV (PCU)
✓	✓	✓	HV Percentages	2.00

Demand overview (Traffic)

Arm	Linked arm	Profile type	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
A - Havant Road W (EB)		ONE HOUR	✓	922	100.000
B - Bedhampton Hill		ONE HOUR	✓	112	100.000
C - Havant Road East (WB)		ONE HOUR	✓	0	100.000
D - untitled		ONE HOUR	✓	125	100.000

Origin-Destination Data

Demand (PCU/hr)

	To				
		A - Havant Road W (EB)	B - Bedhampton Hill	C - Havant Road East (WB)	D - untitled
From	A - Havant Road W (EB)	0	7	915	0
	B - Bedhampton Hill	0	0	112	0
	C - Havant Road East (WB)	0	0	0	0
	D - untitled	0	124	1	0

Vehicle Mix

Heavy Vehicle Percentages

	To				
		A - Havant Road W (EB)	B - Bedhampton Hill	C - Havant Road East (WB)	D - untitled
From	A - Havant Road W (EB)	10	10	10	10
	B - Bedhampton Hill	10	10	10	10
	C - Havant Road East (WB)	10	10	10	10
	D - untitled	10	10	10	10

Results

Results Summary for whole modelled period

Stream	Max RFC	Max delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/hr)	Total Junction Arrivals (PCU)
B-ACD	0.24	10.16	0.3	B	103	154
ABCD	0.00	0.00	0.0	A	0	0
A-B					6	10
A-C					840	1259
D-ABC	0.31	12.85	0.5	B	115	172
C-ABD	0.00	0.00	0.0	A	0	0
C-D					0	0
C-A					0	0

Main Results for each time segment

07:15 - 07:30

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-ACD	84	21	566	0.149	84	0.0	0.2	8.191	A
ABCD	0	0	574	0.000	0	0.0	0.0	0.000	A
A-B	5	1			5				
A-C	689	172			689				
D-ABC	94	24	471	0.200	93	0.0	0.3	10.442	B
C-ABD	0	0	1371	0.000	0	0.0	0.0	0.000	A
C-D	0	0			0				
C-A	0	0			0				

07:30 - 07:45

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-ACD	101	25	543	0.185	100	0.2	0.2	8.935	A
ABCD	0	0	574	0.000	0	0.0	0.0	0.000	A
A-B	6	2			6				
A-C	823	206			823				
D-ABC	112	28	460	0.244	112	0.3	0.3	11.354	B
C-ABD	0	0	1317	0.000	0	0.0	0.0	0.000	A
C-D	0	0			0				
C-A	0	0			0				

07:45 - 08:00

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-ACD	123	31	513	0.240	123	0.2	0.3	10.145	B
ABCD	0	0	574	0.000	0	0.0	0.0	0.000	A
A-B	8	2			8				
A-C	1007	252			1007				
D-ABC	138	34	446	0.309	137	0.3	0.5	12.811	B
C-ABD	0	0	1243	0.000	0	0.0	0.0	0.000	A
C-D	0	0			0				
C-A	0	0			0				

08:00 - 08:15

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-ACD	123	31	513	0.240	123	0.3	0.3	10.164	B
ABCD	0	0	574	0.000	0	0.0	0.0	0.000	A
A-B	8	2			8				
A-C	1007	252			1007				
D-ABC	138	34	446	0.309	138	0.5	0.5	12.853	B
C-ABD	0	0	1243	0.000	0	0.0	0.0	0.000	A
C-D	0	0			0				
C-A	0	0			0				

08:15 - 08:30

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-ACD	101	25	543	0.185	101	0.3	0.3	8.960	A
ABCD	0	0	574	0.000	0	0.0	0.0	0.000	A
A-B	6	2			6				
A-C	823	206			823				
D-ABC	112	28	460	0.244	113	0.5	0.4	11.408	B
C-ABD	0	0	1317	0.000	0	0.0	0.0	0.000	A
C-D	0	0			0				
C-A	0	0			0				

08:30 - 08:45

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-ACD	84	21	566	0.149	85	0.3	0.2	8.237	A
ABCD	0	0	574	0.000	0	0.0	0.0	0.000	A
A-B	5	1			5				
A-C	689	172			689				
D-ABC	94	24	471	0.200	94	0.4	0.3	10.520	B
C-ABD	0	0	1371	0.000	0	0.0	0.0	0.000	A
C-D	0	0			0				
C-A	0	0			0				

2016 Baseline - 2023 Baseline +CD, PM

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction Type	Major road direction	Junction Delay (s)	Junction LOS
1	Bedhampton Hill and Havant Road	Crossroads	One-way from A to C	3.33	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 segment length (min)	Run automatically
D6	2023 Baseline +CD	PM	ONE HOUR	16:00	17:30	15	✓

Default vehicle mix	Vehicle mix varies over turn	Vehicle mix varies over entry	Vehicle mix source	PCU Factor for a HV (PCU)
✓	✓	✓	HV Percentages	2.00

Demand overview (Traffic)

Arm	Linked arm	Profile type	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
A - Havant Road W (EB)		ONE HOUR	✓	789	100.000
B - Bedhampton Hill		ONE HOUR	✓	137	100.000
C - Havant Road East (WB)		ONE HOUR	✓	0	100.000
D - untitled		ONE HOUR	✓	158	100.000

Origin-Destination Data

Demand (PCU/hr)

	To				
		A - Havant Road W (EB)	B - Bedhampton Hill	C - Havant Road East (WB)	D - untitled
From	A - Havant Road W (EB)	0	13	776	0
	B - Bedhampton Hill	0	0	137	0
	C - Havant Road East (WB)	0	0	0	0
	D - untitled	0	154	4	0

Vehicle Mix

Heavy Vehicle Percentages

	To				
		A - Havant Road W (EB)	B - Bedhampton Hill	C - Havant Road East (WB)	D - untitled
From	A - Havant Road W (EB)	10	10	10	10
	B - Bedhampton Hill	10	10	10	10
	C - Havant Road East (WB)	10	10	10	10
	D - untitled	10	10	10	10

Results

Results Summary for whole modelled period

Stream	Max RFC	Max delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/hr)	Total Junction Arrivals (PCU)
B-ACD	0.28	10.24	0.4	B	126	189
ABCD	0.00	0.00	0.0	A	0	0
A-B					12	18
A-C					712	1068
D-ABC	0.38	13.99	0.7	B	145	217
C-ABD	0.00	0.00	0.0	A	0	0
C-D					0	0
C-A					0	0

Main Results for each time segment

16:00 - 16:15

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-ACD	103	26	582	0.177	102	0.0	0.2	8.230	A
ABCD	0	0	574	0.000	0	0.0	0.0	0.000	A
A-B	10	2			10				
A-C	584	146			584				
D-ABC	119	30	479	0.248	118	0.0	0.4	10.914	B
C-ABD	0	0	1411	0.000	0	0.0	0.0	0.000	A
C-D	0	0			0				
C-A	0	0			0				

16:15 - 16:30

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-ACD	123	31	564	0.219	123	0.2	0.3	8.979	A
ABCD	0	0	574	0.000	0	0.0	0.0	0.000	A
A-B	12	3			12				
A-C	698	174			698				
D-ABC	142	36	470	0.302	142	0.4	0.5	12.050	B
C-ABD	0	0	1365	0.000	0	0.0	0.0	0.000	A
C-D	0	0			0				
C-A	0	0			0				

16:30 - 16:45

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-ACD	151	38	538	0.281	150	0.3	0.4	10.213	B
ABCD	0	0	574	0.000	0	0.0	0.0	0.000	A
A-B	14	4			14				
A-C	854	214			854				
D-ABC	174	43	457	0.381	173	0.5	0.7	13.916	B
C-ABD	0	0	1302	0.000	0	0.0	0.0	0.000	A
C-D	0	0			0				
C-A	0	0			0				

16:45 - 17:00

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-ACD	151	38	538	0.281	151	0.4	0.4	10.237	B
ABCD	0	0	574	0.000	0	0.0	0.0	0.000	A
A-B	14	4			14				
A-C	854	214			854				
D-ABC	174	43	457	0.381	174	0.7	0.7	13.987	B
C-ABD	0	0	1302	0.000	0	0.0	0.0	0.000	A
C-D	0	0			0				
C-A	0	0			0				

17:00 - 17:15

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-ACD	123	31	564	0.219	124	0.4	0.3	9.010	A
ABCD	0	0	574	0.000	0	0.0	0.0	0.000	A
A-B	12	3			12				
A-C	698	174			698				
D-ABC	142	36	470	0.302	143	0.7	0.5	12.140	B
C-ABD	0	0	1365	0.000	0	0.0	0.0	0.000	A
C-D	0	0			0				
C-A	0	0			0				

17:15 - 17:30

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-ACD	103	26	582	0.177	103	0.3	0.2	8.271	A
ABCD	0	0	574	0.000	0	0.0	0.0	0.000	A
A-B	10	2			10				
A-C	584	146			584				
D-ABC	119	30	479	0.248	119	0.5	0.4	11.027	B
C-ABD	0	0	1411	0.000	0	0.0	0.0	0.000	A
C-D	0	0			0				
C-A	0	0			0				

2016 Baseline - 2023 Baseline +CD +50 PD, AM

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction Type	Major road direction	Junction Delay (s)	Junction LOS
1	Bedhampton Hill and Havant Road	Crossroads	One-way from A to C	2.31	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 segment length (min)	Run automatically
D7	2023 Baseline +CD +50 PD	AM	ONE HOUR	07:15	08:45	15	✓

Default vehicle mix	Vehicle mix varies over turn	Vehicle mix varies over entry	Vehicle mix source	PCU Factor for a HV (PCU)
✓	✓	✓	HV Percentages	2.00

Demand overview (Traffic)

Arm	Linked arm	Profile type	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
A - Havant Road W (EB)		ONE HOUR	✓	975	100.000
B - Bedhampton Hill		ONE HOUR	✓	112	100.000
C - Havant Road East (WB)		ONE HOUR	✓	0	100.000
D - untitled		ONE HOUR	✓	125	100.000

Origin-Destination Data

Demand (PCU/hr)

	To				
		A - Havant Road W (EB)	B - Bedhampton Hill	C - Havant Road East (WB)	D - untitled
From	A - Havant Road W (EB)	0	7	968	0
	B - Bedhampton Hill	0	0	112	0
	C - Havant Road East (WB)	0	0	0	0
	D - untitled	0	124	1	0

Vehicle Mix

Heavy Vehicle Percentages

	To				
		A - Havant Road W (EB)	B - Bedhampton Hill	C - Havant Road East (WB)	D - untitled
From	A - Havant Road W (EB)	10	10	10	10
	B - Bedhampton Hill	10	10	10	10
	C - Havant Road East (WB)	10	10	10	10
	D - untitled	10	10	10	10

Results

Results Summary for whole modelled period

Stream	Max RFC	Max delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/hr)	Total Junction Arrivals (PCU)
B-ACD	0.25	10.42	0.4	B	103	154
ABCD	0.00	0.00	0.0	A	0	0
AB					6	10
AC					888	1332
D-ABC	0.31	13.05	0.5	B	115	172
C-ABD	0.00	0.00	0.0	A	0	0
C-D					0	0
C-A					0	0

Main Results for each time segment

07:15 - 07:30

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-ACD	84	21	559	0.151	84	0.0	0.2	8.317	A
ABCD	0	0	574	0.000	0	0.0	0.0	0.000	A
AB	5	1			5				
AC	729	182			729				
D-ABC	94	24	468	0.201	93	0.0	0.3	10.528	B
C-ABD	0	0	1355	0.000	0	0.0	0.0	0.000	A
C-D	0	0			0				
C-A	0	0			0				

07:30 - 07:45

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-ACD	101	25	536	0.188	100	0.2	0.3	9.096	A
ABCD	0	0	574	0.000	0	0.0	0.0	0.000	A
AB	6	2			6				
AC	870	218			870				
D-ABC	112	28	457	0.246	112	0.3	0.4	11.479	B
C-ABD	0	0	1298	0.000	0	0.0	0.0	0.000	A
C-D	0	0			0				
C-A	0	0			0				

07:45 - 08:00

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-ACD	123	31	503	0.245	123	0.3	0.4	10.399	B
ABCD	0	0	574	0.000	0	0.0	0.0	0.000	A
AB	8	2			8				
AC	1066	266			1066				
D-ABC	138	34	441	0.312	137	0.4	0.5	13.007	B
C-ABD	0	0	1220	0.000	0	0.0	0.0	0.000	A
C-D	0	0			0				
C-A	0	0			0				

08:00 - 08:15

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-ACD	123	31	503	0.245	123	0.4	0.4	10.422	B
ABCD	0	0	574	0.000	0	0.0	0.0	0.000	A
A-B	8	2			8				
A-C	1066	266			1066				
D-ABC	138	34	441	0.312	138	0.5	0.5	13.050	B
C-ABD	0	0	1220	0.000	0	0.0	0.0	0.000	A
C-D	0	0			0				
C-A	0	0			0				

08:15 - 08:30

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-ACD	101	25	536	0.188	101	0.4	0.3	9.123	A
ABCD	0	0	574	0.000	0	0.0	0.0	0.000	A
A-B	6	2			6				
A-C	870	218			870				
D-ABC	112	28	457	0.246	113	0.5	0.4	11.537	B
C-ABD	0	0	1298	0.000	0	0.0	0.0	0.000	A
C-D	0	0			0				
C-A	0	0			0				

08:30 - 08:45

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-ACD	84	21	559	0.151	85	0.3	0.2	8.353	A
ABCD	0	0	574	0.000	0	0.0	0.0	0.000	A
A-B	5	1			5				
A-C	729	182			729				
D-ABC	94	24	468	0.201	94	0.4	0.3	10.610	B
C-ABD	0	0	1355	0.000	0	0.0	0.0	0.000	A
C-D	0	0			0				
C-A	0	0			0				

2016 Baseline - 2023 Baseline +CD +50 PD, PM

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction Type	Major road direction	Junction Delay (s)	Junction LOS
1	Bedhampton Hill and Havant Road	Crossroads	One-way from A to C	3.28	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 segment length (min)	Run automatically
D8	2023 Baseline +CD +50 PD	PM	ONE HOUR	16:00	17:30	15	✓

Default vehicle mix	Vehicle mix varies over turn	Vehicle mix varies over entry	Vehicle mix source	PCU Factor for a HV (PCU)
✓	✓	✓	HV Percentages	2.00

Demand overview (Traffic)

Arm	Linked arm	Profile type	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
A - Havant Road W (EB)		ONE HOUR	✓	817	100.000
B - Bedhampton Hill		ONE HOUR	✓	137	100.000
C - Havant Road East (WB)		ONE HOUR	✓	0	100.000
D - untitled		ONE HOUR	✓	158	100.000

Origin-Destination Data

Demand (PCU/hr)

	To				
		A - Havant Road W (EB)	B - Bedhampton Hill	C - Havant Road East (WB)	D - untitled
From	A - Havant Road W (EB)	0	13	804	0
	B - Bedhampton Hill	0	0	137	0
	C - Havant Road East (WB)	0	0	0	0
	D - untitled	0	154	4	0

Vehicle Mix

Heavy Vehicle Percentages

	To				
		A - Havant Road W (EB)	B - Bedhampton Hill	C - Havant Road East (WB)	D - untitled
From	A - Havant Road W (EB)	10	10	10	10
	B - Bedhampton Hill	10	10	10	10
	C - Havant Road East (WB)	10	10	10	10
	D - untitled	10	10	10	10

Results

Results Summary for whole modelled period

Stream	Max RFC	Max delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/hr)	Total Junction Arrivals (PCU)
B-ACD	0.28	10.37	0.4	B	126	189
ABCD	0.00	0.00	0.0	A	0	0
AB					12	18
AC					738	1107
D-ABC	0.38	14.11	0.7	B	145	217
C-ABD	0.00	0.00	0.0	A	0	0
C-D					0	0
C-A					0	0

Main Results for each time segment

16:00 - 16:15

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-ACD	103	26	579	0.178	102	0.0	0.2	8.293	A
ABCD	0	0	574	0.000	0	0.0	0.0	0.000	A
AB	10	2			10				
AC	605	151			605				
D-ABC	119	30	477	0.249	118	0.0	0.4	10.963	B
C-ABD	0	0	1403	0.000	0	0.0	0.0	0.000	A
C-D	0	0			0				
C-A	0	0			0				

16:15 - 16:30

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-ACD	123	31	560	0.220	123	0.2	0.3	9.064	A
ABCD	0	0	574	0.000	0	0.0	0.0	0.000	A
AB	12	3			12				
AC	723	181			723				
D-ABC	142	36	468	0.304	142	0.4	0.5	12.124	B
C-ABD	0	0	1355	0.000	0	0.0	0.0	0.000	A
C-D	0	0			0				
C-A	0	0			0				

16:30 - 16:45

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-ACD	151	38	533	0.283	150	0.3	0.4	10.346	B
ABCD	0	0	574	0.000	0	0.0	0.0	0.000	A
AB	14	4			14				
AC	885	221			885				
D-ABC	174	43	454	0.383	173	0.5	0.7	14.035	B
C-ABD	0	0	1289	0.000	0	0.0	0.0	0.000	A
C-D	0	0			0				
C-A	0	0			0				

16:45 - 17:00

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-ACD	151	38	533	0.283	151	0.4	0.4	10.373	B
ABCD	0	0	574	0.000	0	0.0	0.0	0.000	A
A-B	14	4			14				
A-C	885	221			885				
D-ABC	174	43	454	0.383	174	0.7	0.7	14.110	B
C-ABD	0	0	1289	0.000	0	0.0	0.0	0.000	A
C-D	0	0			0				
C-A	0	0			0				

17:00 - 17:15

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-ACD	123	31	560	0.220	124	0.4	0.3	9.096	A
ABCD	0	0	574	0.000	0	0.0	0.0	0.000	A
A-B	12	3			12				
A-C	723	181			723				
D-ABC	142	36	468	0.304	143	0.7	0.5	12.214	B
C-ABD	0	0	1355	0.000	0	0.0	0.0	0.000	A
C-D	0	0			0				
C-A	0	0			0				

17:15 - 17:30

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-ACD	103	26	579	0.178	103	0.3	0.2	8.333	A
ABCD	0	0	574	0.000	0	0.0	0.0	0.000	A
A-B	10	2			10				
A-C	605	151			605				
D-ABC	119	30	477	0.249	119	0.5	0.4	11.081	B
C-ABD	0	0	1403	0.000	0	0.0	0.0	0.000	A
C-D	0	0			0				
C-A	0	0			0				

2016 Baseline - 2028 Baseline, AM

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction Type	Major road direction	Junction Delay (s)	Junction LOS
1	Bedhampton Hill and Havant Road	Crossroads	One-way from A to C	2.48	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 segment length (min)	Run automatically
D9	2028 Baseline	AM	ONE HOUR	07:15	08:45	15	✓

Default vehicle mix	Vehicle mix varies over turn	Vehicle mix varies over entry	Vehicle mix source	PCU Factor for a HV (PCU)
✓	✓	✓	HV Percentages	2.00

Demand overview (Traffic)

Arm	Linked arm	Profile type	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
A - Havant Road W (EB)		ONE HOUR	✓	961	100.000
B - Bedhampton Hill		ONE HOUR	✓	118	100.000
C - Havant Road East (WB)		ONE HOUR	✓	0	100.000
D - untitled		ONE HOUR	✓	132	100.000

Origin-Destination Data

Demand (PCU/hr)

	To				
		A - Havant Road W (EB)	B - Bedhampton Hill	C - Havant Road East (WB)	D - untitled
From	A - Havant Road W (EB)	0	7	954	0
	B - Bedhampton Hill	0	0	118	0
	C - Havant Road East (WB)	0	0	0	0
	D - untitled	0	131	1	0

Vehicle Mix

Heavy Vehicle Percentages

	To				
		A - Havant Road W (EB)	B - Bedhampton Hill	C - Havant Road East (WB)	D - untitled
From	A - Havant Road W (EB)	10	10	10	10
	B - Bedhampton Hill	10	10	10	10
	C - Havant Road East (WB)	10	10	10	10
	D - untitled	10	10	10	10

Results

Results Summary for whole modelled period

Stream	Max RFC	Max delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/hr)	Total Junction Arrivals (PCU)
B-ACD	0.26	10.53	0.4	B	108	162
ABCD	0.00	0.00	0.0	A	0	0
A-B					6	10
A-C					875	1313
D-ABC	0.33	13.34	0.5	B	121	182
C-ABD	0.00	0.00	0.0	A	0	0
C-D					0	0
C-A					0	0

Main Results for each time segment

07:15 - 07:30

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-ACD	89	22	561	0.158	88	0.0	0.2	8.364	A
ABCD	0	0	574	0.000	0	0.0	0.0	0.000	A
A-B	5	1			5				
A-C	718	180			718				
D-ABC	99	25	469	0.212	98	0.0	0.3	10.650	B
C-ABD	0	0	1360	0.000	0	0.0	0.0	0.000	A
C-D	0	0			0				
C-A	0	0			0				

07:30 - 07:45

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-ACD	106	27	538	0.197	106	0.2	0.3	9.163	A
ABCD	0	0	574	0.000	0	0.0	0.0	0.000	A
A-B	6	2			6				
A-C	858	214			858				
D-ABC	119	30	458	0.259	118	0.3	0.4	11.656	B
C-ABD	0	0	1303	0.000	0	0.0	0.0	0.000	A
C-D	0	0			0				
C-A	0	0			0				

07:45 - 08:00

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-ACD	130	32	506	0.257	129	0.3	0.4	10.515	B
ABCD	0	0	574	0.000	0	0.0	0.0	0.000	A
A-B	8	2			8				
A-C	1050	263			1050				
D-ABC	145	36	442	0.329	145	0.4	0.5	13.283	B
C-ABD	0	0	1226	0.000	0	0.0	0.0	0.000	A
C-D	0	0			0				
C-A	0	0			0				

08:00 - 08:15

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-ACD	130	32	506	0.257	130	0.4	0.4	10.534	B
ABCD	0	0	574	0.000	0	0.0	0.0	0.000	A
A-B	8	2			8				
A-C	1050	263			1050				
D-ABC	145	36	442	0.329	145	0.5	0.5	13.335	B
C-ABD	0	0	1226	0.000	0	0.0	0.0	0.000	A
C-D	0	0			0				
C-A	0	0			0				

08:15 - 08:30

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-ACD	106	27	538	0.197	106	0.4	0.3	9.193	A
ABCD	0	0	574	0.000	0	0.0	0.0	0.000	A
A-B	6	2			6				
A-C	858	214			858				
D-ABC	119	30	458	0.259	119	0.5	0.4	11.719	B
C-ABD	0	0	1303	0.000	0	0.0	0.0	0.000	A
C-D	0	0			0				
C-A	0	0			0				

08:30 - 08:45

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-ACD	89	22	561	0.158	89	0.3	0.2	8.403	A
ABCD	0	0	574	0.000	0	0.0	0.0	0.000	A
A-B	5	1			5				
A-C	718	180			718				
D-ABC	99	25	469	0.212	100	0.4	0.3	10.739	B
C-ABD	0	0	1360	0.000	0	0.0	0.0	0.000	A
C-D	0	0			0				
C-A	0	0			0				

2016 Baseline - 2028 Baseline, PM

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction Type	Major road direction	Junction Delay (s)	Junction LOS
1	Bedhampton Hill and Havant Road	Crossroads	One-way from A to C	3.49	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 segment length (min)	Run automatically
D10	2028 Baseline	PM	ONE HOUR	16:00	17:30	15	✓

Default vehicle mix	Vehicle mix varies over turn	Vehicle mix varies over entry	Vehicle mix source	PCU Factor for a HV (PCU)
✓	✓	✓	HV Percentages	2.00

Demand overview (Traffic)

Arm	Linked arm	Profile type	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
A - Havant Road W (EB)		ONE HOUR	✓	822	100.000
B - Bedhampton Hill		ONE HOUR	✓	144	100.000
C - Havant Road East (WB)		ONE HOUR	✓	0	100.000
D - untitled		ONE HOUR	✓	166	100.000

Origin-Destination Data

Demand (PCU/hr)

	To				
		A - Havant Road W (EB)	B - Bedhampton Hill	C - Havant Road East (WB)	D - untitled
From	A - Havant Road W (EB)	0	14	808	0
	B - Bedhampton Hill	0	0	144	0
	C - Havant Road East (WB)	0	0	0	0
	D - untitled	0	161	5	0

Vehicle Mix

Heavy Vehicle Percentages

	To				
		A - Havant Road W (EB)	B - Bedhampton Hill	C - Havant Road East (WB)	D - untitled
From	A - Havant Road W (EB)	10	10	10	10
	B - Bedhampton Hill	10	10	10	10
	C - Havant Road East (WB)	10	10	10	10
	D - untitled	10	10	10	10

Results

Results Summary for whole modelled period

Stream	Max RFC	Max delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/hr)	Total Junction Arrivals (PCU)
B-ACD	0.30	10.61	0.5	B	132	198
ABCD	0.00	0.00	0.0	A	0	0
A-B					13	19
A-C					741	1112
D-ABC	0.40	14.60	0.7	B	152	228
C-ABD	0.00	0.00	0.0	A	0	0
C-D					0	0
C-A					0	0

Main Results for each time segment

16:00 - 16:15

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-ACD	108	27	578	0.187	107	0.0	0.3	8.390	A
ABCD	0	0	574	0.000	0	0.0	0.0	0.000	A
A-B	11	3			11				
A-C	608	152			608				
D-ABC	125	31	477	0.262	123	0.0	0.4	11.156	B
C-ABD	0	0	1401	0.000	0	0.0	0.0	0.000	A
C-D	0	0			0				
C-A	0	0			0				

16:15 - 16:30

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-ACD	129	32	559	0.232	129	0.3	0.3	9.209	A
ABCD	0	0	574	0.000	0	0.0	0.0	0.000	A
A-B	13	3			13				
A-C	726	182			726				
D-ABC	149	37	467	0.319	149	0.4	0.5	12.411	B
C-ABD	0	0	1353	0.000	0	0.0	0.0	0.000	A
C-D	0	0			0				
C-A	0	0			0				

16:30 - 16:45

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-ACD	159	40	532	0.298	158	0.3	0.5	10.580	B
ABCD	0	0	574	0.000	0	0.0	0.0	0.000	A
A-B	15	4			15				
A-C	890	222			890				
D-ABC	183	46	454	0.403	182	0.5	0.7	14.508	B
C-ABD	0	0	1287	0.000	0	0.0	0.0	0.000	A
C-D	0	0			0				
C-A	0	0			0				

16:45 - 17:00

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-ACD	159	40	532	0.298	159	0.5	0.5	10.609	B
ABCD	0	0	574	0.000	0	0.0	0.0	0.000	A
A-B	15	4			15				
A-C	890	222			890				
D-ABC	183	46	454	0.403	183	0.7	0.7	14.597	B
C-ABD	0	0	1287	0.000	0	0.0	0.0	0.000	A
C-D	0	0			0				
C-A	0	0			0				

17:00 - 17:15

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-ACD	129	32	559	0.232	130	0.5	0.3	9.245	A
ABCD	0	0	574	0.000	0	0.0	0.0	0.000	A
A-B	13	3			13				
A-C	726	182			726				
D-ABC	149	37	467	0.319	150	0.7	0.5	12.515	B
C-ABD	0	0	1353	0.000	0	0.0	0.0	0.000	A
C-D	0	0			0				
C-A	0	0			0				

17:15 - 17:30

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-ACD	108	27	578	0.187	109	0.3	0.3	8.437	A
ABCD	0	0	574	0.000	0	0.0	0.0	0.000	A
A-B	11	3			11				
A-C	608	152			608				
D-ABC	125	31	477	0.262	125	0.5	0.4	11.284	B
C-ABD	0	0	1401	0.000	0	0.0	0.0	0.000	A
C-D	0	0			0				
C-A	0	0			0				

2016 Baseline - 2028 Baseline + CD, AM

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction Type	Major road direction	Junction Delay (s)	Junction LOS
1	Bedhampton Hill and Havant Road	Crossroads	One-way from A to C	2.47	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 segment length (min)	Run automatically
D11	2028 Baseline + CD	AM	ONE HOUR	07:15	08:45	15	✓

Default vehicle mix	Vehicle mix varies over turn	Vehicle mix varies over entry	Vehicle mix source	PCU Factor for a HV (PCU)
✓	✓	✓	HV Percentages	2.00

Demand overview (Traffic)

Arm	Linked arm	Profile type	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
A - Havant Road W (EB)		ONE HOUR	✓	968	100.000
B - Bedhampton Hill		ONE HOUR	✓	118	100.000
C - Havant Road East (WB)		ONE HOUR	✓	0	100.000
D - untitled		ONE HOUR	✓	132	100.000

Origin-Destination Data

Demand (PCU/hr)

	To				
		A - Havant Road W (EB)	B - Bedhampton Hill	C - Havant Road East (WB)	D - untitled
From	A - Havant Road W (EB)	0	7	961	0
	B - Bedhampton Hill	0	0	118	0
	C - Havant Road East (WB)	0	0	0	0
	D - untitled	0	131	1	0

Vehicle Mix

Heavy Vehicle Percentages

	To				
		A - Havant Road W (EB)	B - Bedhampton Hill	C - Havant Road East (WB)	D - untitled
From	A - Havant Road W (EB)	10	10	10	10
	B - Bedhampton Hill	10	10	10	10
	C - Havant Road East (WB)	10	10	10	10
	D - untitled	10	10	10	10

Results

Results Summary for whole modelled period

Stream	Max RFC	Max delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/hr)	Total Junction Arrivals (PCU)
B-ACD	0.26	10.57	0.4	B	108	162
A-BCD	0.00	0.00	0.0	A	0	0
A-B					6	10
A-C					882	1323
D-ABC	0.33	13.36	0.5	B	121	182
C-ABD	0.00	0.00	0.0	A	0	0
C-D					0	0
C-A					0	0

Main Results for each time segment

07:15 - 07:30

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-ACD	89	22	560	0.159	88	0.0	0.2	8.380	A
A-BCD	0	0	574	0.000	0	0.0	0.0	0.000	A
A-B	5	1			5				
A-C	723	181			723				
D-ABC	99	25	468	0.212	98	0.0	0.3	10.662	B
C-ABD	0	0	1357	0.000	0	0.0	0.0	0.000	A
C-D	0	0			0				
C-A	0	0			0				

07:30 - 07:45

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-ACD	106	27	537	0.198	106	0.2	0.3	9.186	A
A-BCD	0	0	574	0.000	0	0.0	0.0	0.000	A
A-B	6	2			6				
A-C	864	216			864				
D-ABC	119	30	457	0.260	118	0.3	0.4	11.674	B
C-ABD	0	0	1301	0.000	0	0.0	0.0	0.000	A
C-D	0	0			0				
C-A	0	0			0				

07:45 - 08:00

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-ACD	130	32	505	0.258	129	0.3	0.4	10.542	B
A-BCD	0	0	574	0.000	0	0.0	0.0	0.000	A
A-B	8	2			8				
A-C	1058	265			1058				
D-ABC	145	36	442	0.329	145	0.4	0.5	13.311	B
C-ABD	0	0	1223	0.000	0	0.0	0.0	0.000	A
C-D	0	0			0				
C-A	0	0			0				

08:00 - 08:15

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-ACD	130	32	505	0.258	130	0.4	0.4	10.570	B
ABCD	0	0	574	0.000	0	0.0	0.0	0.000	A
A-B	8	2			8				
A-C	1058	265			1058				
D-ABC	145	36	442	0.329	145	0.5	0.5	13.363	B
C-ABD	0	0	1223	0.000	0	0.0	0.0	0.000	A
C-D	0	0			0				
C-A	0	0			0				

08:15 - 08:30

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-ACD	106	27	537	0.198	106	0.4	0.3	9.215	A
ABCD	0	0	574	0.000	0	0.0	0.0	0.000	A
A-B	6	2			6				
A-C	864	216			864				
D-ABC	119	30	457	0.260	119	0.5	0.4	11.738	B
C-ABD	0	0	1301	0.000	0	0.0	0.0	0.000	A
C-D	0	0			0				
C-A	0	0			0				

08:30 - 08:45

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-ACD	89	22	560	0.159	89	0.3	0.2	8.418	A
ABCD	0	0	574	0.000	0	0.0	0.0	0.000	A
A-B	5	1			5				
A-C	723	181			723				
D-ABC	99	25	468	0.212	100	0.4	0.3	10.749	B
C-ABD	0	0	1357	0.000	0	0.0	0.0	0.000	A
C-D	0	0			0				
C-A	0	0			0				

2016 Baseline - 2028 Baseline + CD, PM

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction Type	Major road direction	Junction Delay (s)	Junction LOS
1	Bedhampton Hill and Havant Road	Crossroads	One-way from A to C	3.48	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 segment length (min)	Run automatically
D12	2028 Baseline + CD	PM	ONE HOUR	16:00	17:30	15	✓

Default vehicle mix	Vehicle mix varies over turn	Vehicle mix varies over entry	Vehicle mix source	PCU Factor for a HV (PCU)
✓	✓	✓	HV Percentages	2.00

Demand overview (Traffic)

Arm	Linked arm	Profile type	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
A - Havant Road W (EB)		ONE HOUR	✓	828	100.000
B - Bedhampton Hill		ONE HOUR	✓	144	100.000
C - Havant Road East (WB)		ONE HOUR	✓	0	100.000
D - untitled		ONE HOUR	✓	166	100.000

Origin-Destination Data

Demand (PCU/hr)

	To				
		A - Havant Road W (EB)	B - Bedhampton Hill	C - Havant Road East (WB)	D - untitled
From	A - Havant Road W (EB)	0	14	814	0
	B - Bedhampton Hill	0	0	144	0
	C - Havant Road East (WB)	0	0	0	0
	D - untitled	0	161	5	0

Vehicle Mix

Heavy Vehicle Percentages

	To				
		A - Havant Road W (EB)	B - Bedhampton Hill	C - Havant Road East (WB)	D - untitled
From	A - Havant Road W (EB)	10	10	10	10
	B - Bedhampton Hill	10	10	10	10
	C - Havant Road East (WB)	10	10	10	10
	D - untitled	10	10	10	10

Results

Results Summary for whole modelled period

Stream	Max RFC	Max delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/hr)	Total Junction Arrivals (PCU)
B-ACD	0.30	10.64	0.5	B	132	198
A-BCD	0.00	0.00	0.0	A	0	0
A-B					13	19
A-C					747	1120
D-ABC	0.40	14.63	0.7	B	152	228
C-ABD	0.00	0.00	0.0	A	0	0
C-D					0	0
C-A					0	0

Main Results for each time segment

16:00 - 16:15

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-ACD	108	27	578	0.188	107	0.0	0.3	8.403	A
A-BCD	0	0	574	0.000	0	0.0	0.0	0.000	A
A-B	11	3			11				
A-C	613	153			613				
D-ABC	125	31	477	0.262	123	0.0	0.4	11.167	B
C-ABD	0	0	1400	0.000	0	0.0	0.0	0.000	A
C-D	0	0			0				
C-A	0	0			0				

16:15 - 16:30

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-ACD	129	32	558	0.232	129	0.3	0.3	9.228	A
A-BCD	0	0	574	0.000	0	0.0	0.0	0.000	A
A-B	13	3			13				
A-C	732	183			732				
D-ABC	149	37	467	0.320	149	0.4	0.5	12.428	B
C-ABD	0	0	1351	0.000	0	0.0	0.0	0.000	A
C-D	0	0			0				
C-A	0	0			0				

16:30 - 16:45

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-ACD	159	40	531	0.299	158	0.3	0.5	10.611	B
A-BCD	0	0	574	0.000	0	0.0	0.0	0.000	A
A-B	15	4			15				
A-C	896	224			896				
D-ABC	183	46	453	0.403	182	0.5	0.7	14.537	B
C-ABD	0	0	1284	0.000	0	0.0	0.0	0.000	A
C-D	0	0			0				
C-A	0	0			0				

16:45 - 17:00

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-ACD	159	40	531	0.299	159	0.5	0.5	10.640	B
ABCD	0	0	574	0.000	0	0.0	0.0	0.000	A
A-B	15	4			15				
A-C	896	224			896				
D-ABC	183	46	453	0.403	183	0.7	0.7	14.625	B
C-ABD	0	0	1284	0.000	0	0.0	0.0	0.000	A
C-D	0	0			0				
C-A	0	0			0				

17:00 - 17:15

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-ACD	129	32	558	0.232	130	0.5	0.3	9.263	A
ABCD	0	0	574	0.000	0	0.0	0.0	0.000	A
A-B	13	3			13				
A-C	732	183			732				
D-ABC	149	37	467	0.320	150	0.7	0.5	12.535	B
C-ABD	0	0	1351	0.000	0	0.0	0.0	0.000	A
C-D	0	0			0				
C-A	0	0			0				

17:15 - 17:30

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-ACD	108	27	578	0.188	109	0.3	0.3	8.451	A
ABCD	0	0	574	0.000	0	0.0	0.0	0.000	A
A-B	11	3			11				
A-C	613	153			613				
D-ABC	125	31	477	0.262	125	0.5	0.4	11.298	B
C-ABD	0	0	1400	0.000	0	0.0	0.0	0.000	A
C-D	0	0			0				
C-A	0	0			0				

2016 Baseline - 2028 Baseline + CD + PD, AM

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction Type	Major road direction	Junction Delay (s)	Junction LOS
1	Bedhampton Hill and Havant Road	Crossroads	One-way from A to C	2.37	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 segment length (min)	Run automatically
D13	2028 Baseline + CD + PD	AM	ONE HOUR	07:15	08:45	15	✓

Default vehicle mix	Vehicle mix varies over turn	Vehicle mix varies over entry	Vehicle mix source	PCU Factor for a HV (PCU)
✓	✓	✓	HV Percentages	2.00

Demand overview (Traffic)

Arm	Linked arm	Profile type	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
A - Havant Road W (EB)		ONE HOUR	✓	1075	100.000
B - Bedhampton Hill		ONE HOUR	✓	118	100.000
C - Havant Road East (WB)		ONE HOUR	✓	0	100.000
D - untitled		ONE HOUR	✓	132	100.000

Origin-Destination Data

Demand (PCU/hr)

	To				
		A - Havant Road W (EB)	B - Bedhampton Hill	C - Havant Road East (WB)	D - untitled
From	A - Havant Road W (EB)	0	7	1068	0
	B - Bedhampton Hill	0	0	118	0
	C - Havant Road East (WB)	0	0	0	0
	D - untitled	0	131	1	0

Vehicle Mix

Heavy Vehicle Percentages

	To				
		A - Havant Road W (EB)	B - Bedhampton Hill	C - Havant Road East (WB)	D - untitled
From	A - Havant Road W (EB)	10	10	10	10
	B - Bedhampton Hill	10	10	10	10
	C - Havant Road East (WB)	10	10	10	10
	D - untitled	10	10	10	10

Results

Results Summary for whole modelled period

Stream	Max RFC	Max delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/hr)	Total Junction Arrivals (PCU)
B-ACD	0.27	11.15	0.4	B	108	162
ABCD	0.00	0.00	0.0	A	0	0
AB					6	10
AC					980	1470
D-ABC	0.34	13.80	0.6	B	121	182
C-ABD	0.00	0.00	0.0	A	0	0
C-D					0	0
C-A					0	0

Main Results for each time segment

07:15 - 07:30

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-ACD	89	22	547	0.163	88	0.0	0.2	8.621	A
ABCD	0	0	574	0.000	0	0.0	0.0	0.000	A
AB	5	1			5				
AC	804	201			804				
D-ABC	99	25	462	0.215	98	0.0	0.3	10.849	B
C-ABD	0	0	1325	0.000	0	0.0	0.0	0.000	A
C-D	0	0			0				
C-A	0	0			0				

07:30 - 07:45

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-ACD	106	27	521	0.204	106	0.2	0.3	9.537	A
ABCD	0	0	574	0.000	0	0.0	0.0	0.000	A
AB	6	2			6				
AC	960	240			960				
D-ABC	119	30	450	0.264	118	0.3	0.4	11.942	B
C-ABD	0	0	1262	0.000	0	0.0	0.0	0.000	A
C-D	0	0			0				
C-A	0	0			0				

07:45 - 08:00

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-ACD	130	32	485	0.268	129	0.3	0.4	11.119	B
ABCD	0	0	574	0.000	0	0.0	0.0	0.000	A
AB	8	2			8				
AC	1176	294			1176				
D-ABC	145	36	432	0.336	145	0.4	0.5	13.741	B
C-ABD	0	0	1176	0.000	0	0.0	0.0	0.000	A
C-D	0	0			0				
C-A	0	0			0				

08:00 - 08:15

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-ACD	130	32	485	0.268	130	0.4	0.4	11.148	B
ABCD	0	0	574	0.000	0	0.0	0.0	0.000	A
A-B	8	2			8				
A-C	1176	294			1176				
D-ABC	145	36	432	0.336	145	0.5	0.6	13.800	B
C-ABD	0	0	1176	0.000	0	0.0	0.0	0.000	A
C-D	0	0			0				
C-A	0	0			0				

08:15 - 08:30

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-ACD	106	27	521	0.204	107	0.4	0.3	9.570	A
ABCD	0	0	574	0.000	0	0.0	0.0	0.000	A
A-B	6	2			6				
A-C	960	240			960				
D-ABC	119	30	450	0.264	119	0.6	0.4	12.011	B
C-ABD	0	0	1262	0.000	0	0.0	0.0	0.000	A
C-D	0	0			0				
C-A	0	0			0				

08:30 - 08:45

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-ACD	89	22	547	0.163	89	0.3	0.2	8.662	A
ABCD	0	0	574	0.000	0	0.0	0.0	0.000	A
A-B	5	1			5				
A-C	804	201			804				
D-ABC	99	25	462	0.215	100	0.4	0.3	10.943	B
C-ABD	0	0	1325	0.000	0	0.0	0.0	0.000	A
C-D	0	0			0				
C-A	0	0			0				

2016 Baseline - 2028 Baseline + CD + PD, PM

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction Type	Major road direction	Junction Delay (s)	Junction LOS
1	Bedhampton Hill and Havant Road	Crossroads	One-way from A to C	3.39	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 segment length (min)	Run automatically
D14	2028 Baseline + CD + PD	PM	ONE HOUR	16:00	17:30	15	✓

Default vehicle mix	Vehicle mix varies over turn	Vehicle mix varies over entry	Vehicle mix source	PCU Factor for a HV (PCU)
✓	✓	✓	HV Percentages	2.00

Demand overview (Traffic)

Arm	Linked arm	Profile type	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
A - Havant Road W (EB)		ONE HOUR	✓	885	100.000
B - Bedhampton Hill		ONE HOUR	✓	144	100.000
C - Havant Road East (WB)		ONE HOUR	✓	0	100.000
D - untitled		ONE HOUR	✓	166	100.000

Origin-Destination Data

Demand (PCU/hr)

	To				
		A - Havant Road W (EB)	B - Bedhampton Hill	C - Havant Road East (WB)	D - untitled
From	A - Havant Road W (EB)	0	14	871	0
	B - Bedhampton Hill	0	0	144	0
	C - Havant Road East (WB)	0	0	0	0
	D - untitled	0	161	5	0

Vehicle Mix

Heavy Vehicle Percentages

	To				
		A - Havant Road W (EB)	B - Bedhampton Hill	C - Havant Road East (WB)	D - untitled
From	A - Havant Road W (EB)	10	10	10	10
	B - Bedhampton Hill	10	10	10	10
	C - Havant Road East (WB)	10	10	10	10
	D - untitled	10	10	10	10

Results

Results Summary for whole modelled period

Stream	Max RFC	Max delay (s)	Max Queue (PCU)	Max LOS	Average Demand (PCU/hr)	Total Junction Arrivals (PCU)
B-ACD	0.30	10.94	0.5	B	132	198
ABCD	0.00	0.00	0.0	A	0	0
AB					13	19
AC					799	1199
D-ABC	0.41	14.90	0.7	B	152	228
C-ABD	0.00	0.00	0.0	A	0	0
C-D					0	0
C-A					0	0

Main Results for each time segment

16:00 - 16:15

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-ACD	108	27	571	0.190	107	0.0	0.3	8.530	A
ABCD	0	0	574	0.000	0	0.0	0.0	0.000	A
AB	11	3			11				
AC	656	164			656				
D-ABC	125	31	473	0.264	123	0.0	0.4	11.275	B
C-ABD	0	0	1382	0.000	0	0.0	0.0	0.000	A
C-D	0	0			0				
C-A	0	0			0				

16:15 - 16:30

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-ACD	129	32	550	0.236	129	0.3	0.3	9.420	A
ABCD	0	0	574	0.000	0	0.0	0.0	0.000	A
AB	13	3			13				
AC	783	196			783				
D-ABC	149	37	463	0.322	149	0.4	0.5	12.590	B
C-ABD	0	0	1331	0.000	0	0.0	0.0	0.000	A
C-D	0	0			0				
C-A	0	0			0				

16:30 - 16:45

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-ACD	159	40	520	0.305	158	0.3	0.5	10.910	B
ABCD	0	0	574	0.000	0	0.0	0.0	0.000	A
AB	15	4			15				
AC	959	240			959				
D-ABC	183	46	448	0.408	182	0.5	0.7	14.804	B
C-ABD	0	0	1259	0.000	0	0.0	0.0	0.000	A
C-D	0	0			0				
C-A	0	0			0				

16:45 - 17:00

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-ACD	159	40	520	0.305	159	0.5	0.5	10.944	B
ABCD	0	0	574	0.000	0	0.0	0.0	0.000	A
A-B	15	4			15				
A-C	959	240			959				
D-ABC	183	46	448	0.408	183	0.7	0.7	14.901	B
C-ABD	0	0	1259	0.000	0	0.0	0.0	0.000	A
C-D	0	0			0				
C-A	0	0			0				

17:00 - 17:15

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-ACD	129	32	550	0.236	130	0.5	0.3	9.452	A
ABCD	0	0	574	0.000	0	0.0	0.0	0.000	A
A-B	13	3			13				
A-C	783	196			783				
D-ABC	149	37	463	0.322	150	0.7	0.5	12.699	B
C-ABD	0	0	1331	0.000	0	0.0	0.0	0.000	A
C-D	0	0			0				
C-A	0	0			0				

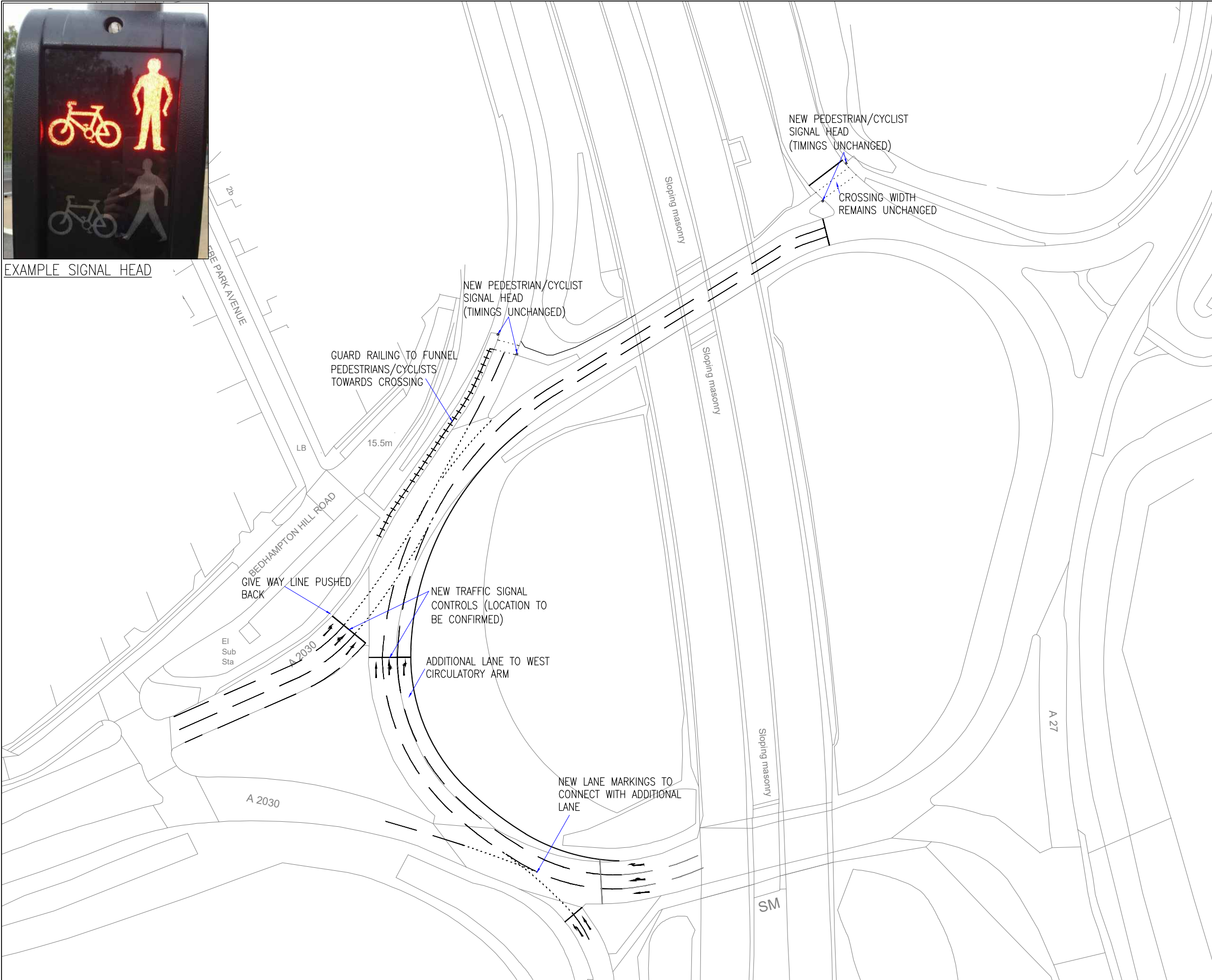
17:15 - 17:30

Stream	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (s)	LOS
B-ACD	108	27	571	0.190	109	0.3	0.3	8.579	A
ABCD	0	0	574	0.000	0	0.0	0.0	0.000	A
A-B	11	3			11				
A-C	656	164			656				
D-ABC	125	31	473	0.264	126	0.5	0.4	11.410	B
C-ABD	0	0	1382	0.000	0	0.0	0.0	0.000	A
C-D	0	0			0				
C-A	0	0			0				

Appendix S



EXAMPLE SIGNAL HEAD



GENERAL NOTES

- THIS DRAWING IS INTENDED TO BE VIEWED IN COMBINATION WITH ALL RELEVANT ARCHITECTS, ENGINEERS, SERVICES AND SPECIALIST DRAWINGS AND SPECIFICATION.
- ANY VARIATIONS OR DISCREPANCIES BETWEEN THESE DRAWINGS IN TERMS OF DIMENSIONS OR DETAILS SHOULD BE DRAWN TO THE ATTENTION OF THE ARCHITECT AND/OR THE ENGINEER FOR CLARIFICATION.
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NORTH

PRELIMINARY
DRAWING/DESIGN IS STILL 'IN DEVELOPMENT'
YOU ARE ADVISED TO MAKE DUE ALLOWANCE

Rev	Description	Date	By	Chkd
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Project Name FORTY ACRE FARM BEDHAMPTON	Title PROPOSED RUSTY CUTTER IMPROVEMENTS	Paul Basham Associates Ltd Lancaster Court, 8 Barnes Wallis Road, Fareham, PO15 5TU 01489 566134 info@paulbashamassociates.com www.paulbashamassociates.com	Client	Checked By ??	Checked Date ??-??-??	Scale 1:1000	(AT A3 SIZE)		
Project Phase PRELIMINARY				Drawn By JL	Drawn Date 26.04.18	Client Drawing No. -	PBA Drawing No. 041.0023.012	Revision -	