Junctions 11

PICADY 11 - Priority Intersection Module

Filename: T24529_Church Road - Orton Road (North) PICADY Assessment.j11
Path: C:\Users\TommyGregory\Hub Transport Planning Ltd\Hub Transport Planning - General\Projects\T24529 Orton Road, Warton\Modelling\Picady
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Summary of junction performance

	AM							PM						
	Set ID	Queue (PCU)	Delay (s)	RFC	LOS	Junction Delay (s)	Network Residual Capacity	Set ID	Queue (PCU)	Delay (s)	RFC	LOS	Junction Delay (s)	Network Residual Capacity
	2025 - Base													
Stream B-AC	D1	0.0	0.00	0.00	A	0.00	900 % []	D2	0.0	0.00	0.00	A	0.00	900 % []
Stream C-AB		0.0	0.00	0.00	A				0.0	0.00	0.00	A		
	2030 - Base + Committed													
Stream B-AC	D3	0.0	0.00	0.00	A	0.00	900 % []	D4	0.0	0.00	0.00	A	0.00	900 % []
Stream C-AB		0.0	0.00	0.00	A				0.0	0.00	0.00	A		
	2030 - Base + Committed + Development													
Stream B-AC	D5	0.0	0.00	0.00	A	0.00	900 % []	D6	0.0	9.12	0.02	A	0.38	660 % [Stream B-AC]
Stream C-AB		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. Junction LOS and Junction Delay are demand-weighted averages. Network Residual Capacity indicates the amount by which network flow could be increased before a user-definable threshold (see Analysis Options) is met.

File summary

File Description

Title	Church Road / Orton Road (North)
Location	Warton, Warwickshire
Site number	
Date	20/03/2025
Version	
Status	(new file)
Identifier	
Client	Richborough
Jobnumber	T24529
Enumerator	AzureAD\TommyGregory
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

Analysis Options

Calculate Queue Percentiles	Calculate residual capacity	Residual capacity criteria type	RFC Threshold	Average Delay threshold (s)	Queue threshold (PCU)
	✓	Delay	0.85	36.00	20.00

Demand Set Summary

ID	Year	Scenario	Time period	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)
D1	2025	Base	AM	ONE HOUR	07:30	09:00	15
D2	2025	Base	PM	ONE HOUR	16:00	17:30	15
D3	2030	Base + Committed	AM	ONE HOUR	07:30	09:00	15
D4	2030	Base + Committed	PM	ONE HOUR	16:00	17:30	15
D5	2030	Base + Committed + Development	AM	ONE HOUR	07:30	09:00	15
D6	2030	Base + Committed + Development	PM	ONE HOUR	16:00	17:30	15

Analysis Set Details

ID	Network flow scaling factor (%)
A1	100.000

2025 | Base | AM

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Arm A Direction	Arm B Direction	Arm C Direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	untitled	T-Junction	Two-way	Two-way	Two-way		0.00	A

Junction Network

Driving side	Lighting	Network residual capacity (%)	First arm reaching threshold	Network delay (s)	Network LOS
Left	Normal/unknown	900		0.00	A

Arms

Arms

Arm	Name	Description	Arm type
A	Church Road North		Major
B	Church Road (Minor Arm)		Minor
C	Church Road South		Major

Major Arm Geometry

Arm	Width of carriageway (m)	Has kerbed central reserve	Has right-turn storage	Visibility for right turn (m)	Blocks?	Blocking queue (PCU)
C	6.00			0.0	✓	0.00

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

Minor Arm Geometry

Arm	Minor arm type	Lane width (m)	Visibility to left (m)	Visibility to right (m)
B	One lane	2.20	0	0

Slope / Intercept / Capacity

Priority Intersection Slopes and Intercepts

Stream	Intercept (PCU/hr)	Slope for A-B	Slope for A-C	Slope for C-A	Slope for C-B
B-A	440	0.080	0.202	0.127	0.289
B-C	574	0.088	0.222	-	-
C-B	574	0.222	0.222	-	-

The slopes and intercepts shown above include custom intercept adjustments only.
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	Year	Scenario	Time period	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)
D1	2025	Base	AM	ONE HOUR	07:30	09:00	15

Demand overview (Traffic)

Arm	Linked arm	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
A		✓	73	100.000
B		✓	0	100.000
C		✓	50	100.000

Origin-Destination Data

Demand (PCU/hr)

		To		
		A	B	C
From	A	0	4	69
	B	0	0	0
	C	50	0	0

Vehicle Mix

Heavy Vehicle %

		To		
		A	B	C
From	A	0	0	4
	B	0	0	0
	C	6	0	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS
B-AC	0.00	0.00	0.0	A
C-AB	0.00	0.00	0.0	A
C-A				
A-B				
A-C				

Main Results for each time segment

07:30 - 07:45

Stream	Total Demand (PCU/hr)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	0	0.00	483	0.000	0	0.0	0.000	A
C-AB	0	0.00	562	0.000	0	0.0	0.000	A
C-A	38	0.00			38			
A-B	3	0.00			3			
A-C	52	0.00			52			

07:45 - 08:00

Stream	Total Demand (PCU/hr)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	0	0.00	481	0.000	0	0.0	0.000	A
C-AB	0	0.00	559	0.000	0	0.0	0.000	A
C-A	45	0.00			45			
A-B	4	0.00			4			
A-C	62	0.00			62			

08:00 - 08:15

Stream	Total Demand (PCU/hr)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	0	0.00	477	0.000	0	0.0	0.000	A
C-AB	0	0.00	556	0.000	0	0.0	0.000	A
C-A	55	0.00			55			
A-B	4	0.00			4			
A-C	76	0.00			76			

08:15 - 08:30

Stream	Total Demand (PCU/hr)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	0	0.00	477	0.000	0	0.0	0.000	A
C-AB	0	0.00	556	0.000	0	0.0	0.000	A
C-A	55	0.00			55			
A-B	4	0.00			4			
A-C	76	0.00			76			

08:30 - 08:45

Stream	Total Demand (PCU/hr)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	0	0.00	481	0.000	0	0.0	0.000	A
C-AB	0	0.00	559	0.000	0	0.0	0.000	A
C-A	45	0.00			45			
A-B	4	0.00			4			
A-C	62	0.00			62			

08:45 - 09:00

Stream	Total Demand (PCU/hr)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	0	0.00	483	0.000	0	0.0	0.000	A
C-AB	0	0.00	562	0.000	0	0.0	0.000	A
C-A	38	0.00			38			
A-B	3	0.00			3			
A-C	52	0.00			52			

2025 | Base | PM

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Arm A Direction	Arm B Direction	Arm C Direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	untitled	T-Junction	Two-way	Two-way	Two-way		0.00	A

Junction Network

Driving side	Lighting	Network residual capacity (%)	First arm reaching threshold	Network delay (s)	Network LOS
Left	Normal/unknown	900		0.00	A

Traffic Demand

Demand Set Details

ID	Year	Scenario	Time period	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)
D2	2025	Base	PM	ONE HOUR	16:00	17:30	15

Demand overview (Traffic)

Arm	Linked arm	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
A		✓	64	100.000
B		✓	2	100.000
C		✓	83	100.000

Origin-Destination Data

Demand (PCU/hr)

		To		
		A	B	C
From	A	0	4	60
	B	2	0	0
	C	83	0	0

Vehicle Mix

Heavy Vehicle %

		To		
		A	B	C
From	A	0	0	3
	B	0	0	0
	C	1	0	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS
B-AC	0.00	0.00	0.0	A
C-AB	0.00	0.00	0.0	A
C-A				
A-B				
A-C				

Main Results for each time segment

16:00 - 16:15

Stream	Total Demand (PCU/hr)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	0	0.00	483	0.000	0	0.0	0.000	A
C-AB	0	0.00	563	0.000	0	0.0	0.000	A
C-A	62	0.00			62			
A-B	3	0.00			3			
A-C	45	0.00			45			

16:15 - 16:30

Stream	Total Demand (PCU/hr)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	0	0.00	480	0.000	0	0.0	0.000	A
C-AB	0	0.00	561	0.000	0	0.0	0.000	A
C-A	75	0.00			75			
A-B	4	0.00			4			
A-C	54	0.00			54			

16:30 - 16:45

Stream	Total Demand (PCU/hr)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	0	0.00	476	0.000	0	0.0	0.000	A
C-AB	0	0.00	558	0.000	0	0.0	0.000	A
C-A	91	0.00			91			
A-B	4	0.00			4			
A-C	66	0.00			66			

16:45 - 17:00

Stream	Total Demand (PCU/hr)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	0	0.00	476	0.000	0	0.0	0.000	A
C-AB	0	0.00	558	0.000	0	0.0	0.000	A
C-A	91	0.00			91			
A-B	4	0.00			4			
A-C	66	0.00			66			

17:00 - 17:15

Stream	Total Demand (PCU/hr)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	0	0.00	480	0.000	0	0.0	0.000	A
C-AB	0	0.00	561	0.000	0	0.0	0.000	A
C-A	75	0.00			75			
A-B	4	0.00			4			
A-C	54	0.00			54			

17:15 - 17:30

Stream	Total Demand (PCU/hr)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	0	0.00	483	0.000	0	0.0	0.000	A
C-AB	0	0.00	563	0.000	0	0.0	0.000	A
C-A	62	0.00			62			
A-B	3	0.00			3			
A-C	45	0.00			45			

2030 | Base + Committed | AM

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Arm A Direction	Arm B Direction	Arm C Direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	untitled	T-Junction	Two-way	Two-way	Two-way		0.00	A

Junction Network

Driving side	Lighting	Network residual capacity (%)	First arm reaching threshold	Network delay (s)	Network LOS
Left	Normal/unknown	900		0.00	A

Traffic Demand

Demand Set Details

ID	Year	Scenario	Time period	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)
D3	2030	Base + Committed	AM	ONE HOUR	07:30	09:00	15

Demand overview (Traffic)

Arm	Linked arm	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
A		✓	77	100.000
B		✓	0	100.000
C		✓	53	100.000

Origin-Destination Data

Demand (PCU/hr)

		To		
		A	B	C
From	A	0	4	73
	B	0	0	0
	C	53	0	0

Vehicle Mix

Heavy Vehicle %

		To		
		A	B	C
From	A	0	0	4
	B	0	0	0
	C	6	0	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS
B-AC	0.00	0.00	0.0	A
C-AB	0.00	0.00	0.0	A
C-A				
A-B				
A-C				

Main Results for each time segment

07:30 - 07:45

Stream	Total Demand (PCU/hr)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	0	0.00	483	0.000	0	0.0	0.000	A
C-AB	0	0.00	561	0.000	0	0.0	0.000	A
C-A	40	0.00			40			
A-B	3	0.00			3			
A-C	55	0.00			55			

07:45 - 08:00

Stream	Total Demand (PCU/hr)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	0	0.00	480	0.000	0	0.0	0.000	A
C-AB	0	0.00	559	0.000	0	0.0	0.000	A
C-A	48	0.00			48			
A-B	4	0.00			4			
A-C	66	0.00			66			

08:00 - 08:15

Stream	Total Demand (PCU/hr)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	0	0.00	476	0.000	0	0.0	0.000	A
C-AB	0	0.00	555	0.000	0	0.0	0.000	A
C-A	58	0.00			58			
A-B	4	0.00			4			
A-C	80	0.00			80			

08:15 - 08:30

Stream	Total Demand (PCU/hr)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	0	0.00	476	0.000	0	0.0	0.000	A
C-AB	0	0.00	555	0.000	0	0.0	0.000	A
C-A	58	0.00			58			
A-B	4	0.00			4			
A-C	80	0.00			80			

08:30 - 08:45

Stream	Total Demand (PCU/hr)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	0	0.00	480	0.000	0	0.0	0.000	A
C-AB	0	0.00	559	0.000	0	0.0	0.000	A
C-A	48	0.00			48			
A-B	4	0.00			4			
A-C	66	0.00			66			

08:45 - 09:00

Stream	Total Demand (PCU/hr)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	0	0.00	483	0.000	0	0.0	0.000	A
C-AB	0	0.00	561	0.000	0	0.0	0.000	A
C-A	40	0.00			40			
A-B	3	0.00			3			
A-C	55	0.00			55			

2030 | Base + Committed | PM

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Arm A Direction	Arm B Direction	Arm C Direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	untitled	T-Junction	Two-way	Two-way	Two-way		0.00	A

Junction Network

Driving side	Lighting	Network residual capacity (%)	First arm reaching threshold	Network delay (s)	Network LOS
Left	Normal/unknown	900		0.00	A

Traffic Demand

Demand Set Details

ID	Year	Scenario	Time period	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)
D4	2030	Base + Committed	PM	ONE HOUR	16:00	17:30	15

Demand overview (Traffic)

Arm	Linked arm	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
A		✓	68	100.000
B		✓	2	100.000
C		✓	88	100.000

Origin-Destination Data

Demand (PCU/hr)

		To		
		A	B	C
From	A	0	4	64
	B	2	0	0
	C	88	0	0

Vehicle Mix

Heavy Vehicle %

		To		
		A	B	C
From	A	0	0	3
	B	0	0	0
	C	1	0	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS
B-AC	0.00	0.00	0.0	A
C-AB	0.00	0.00	0.0	A
C-A				
A-B				
A-C				

Main Results for each time segment

16:00 - 16:15

Stream	Total Demand (PCU/hr)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	0	0.00	482	0.000	0	0.0	0.000	A
C-AB	0	0.00	563	0.000	0	0.0	0.000	A
C-A	66	0.00			66			
A-B	3	0.00			3			
A-C	48	0.00			48			

16:15 - 16:30

Stream	Total Demand (PCU/hr)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	0	0.00	479	0.000	0	0.0	0.000	A
C-AB	0	0.00	560	0.000	0	0.0	0.000	A
C-A	79	0.00			79			
A-B	4	0.00			4			
A-C	58	0.00			58			

16:30 - 16:45

Stream	Total Demand (PCU/hr)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	0	0.00	474	0.000	0	0.0	0.000	A
C-AB	0	0.00	557	0.000	0	0.0	0.000	A
C-A	97	0.00			97			
A-B	4	0.00			4			
A-C	70	0.00			70			

16:45 - 17:00

Stream	Total Demand (PCU/hr)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	0	0.00	474	0.000	0	0.0	0.000	A
C-AB	0	0.00	557	0.000	0	0.0	0.000	A
C-A	97	0.00			97			
A-B	4	0.00			4			
A-C	70	0.00			70			

17:00 - 17:15

Stream	Total Demand (PCU/hr)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	0	0.00	479	0.000	0	0.0	0.000	A
C-AB	0	0.00	560	0.000	0	0.0	0.000	A
C-A	79	0.00			79			
A-B	4	0.00			4			
A-C	58	0.00			58			

17:15 - 17:30

Stream	Total Demand (PCU/hr)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	0	0.00	482	0.000	0	0.0	0.000	A
C-AB	0	0.00	563	0.000	0	0.0	0.000	A
C-A	66	0.00			66			
A-B	3	0.00			3			
A-C	48	0.00			48			

2030 | Base + Committed + Development | AM

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Arm A Direction	Arm B Direction	Arm C Direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	untitled	T-Junction	Two-way	Two-way	Two-way		0.00	A

Junction Network

Driving side	Lighting	Network residual capacity (%)	First arm reaching threshold	Network delay (s)	Network LOS
Left	Normal/unknown	900		0.00	A

Traffic Demand

Demand Set Details

ID	Year	Scenario	Time period	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)
D5	2030	Base + Committed + Development	AM	ONE HOUR	07:30	09:00	15

Demand overview (Traffic)

Arm	Linked arm	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
A		✓	120	100.000
B		✓	1	100.000
C		✓	59	100.000

Origin-Destination Data

Demand (PCU/hr)

		To		
		A	B	C
From	A	0	11	109
	B	1	0	0
	C	59	0	0

Vehicle Mix

Heavy Vehicle %

		To		
		A	B	C
From	A	0	0	3
	B	0	0	0
	C	5	0	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS
B-AC	0.00	0.00	0.0	A
C-AB	0.00	0.00	0.0	A
C-A				
A-B				
A-C				

Main Results for each time segment

07:30 - 07:45

Stream	Total Demand (PCU/hr)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	0	0.00	476	0.000	0	0.0	0.000	A
C-AB	0	0.00	554	0.000	0	0.0	0.000	A
C-A	44	0.00			44			
A-B	8	0.00			8			
A-C	82	0.00			82			

07:45 - 08:00

Stream	Total Demand (PCU/hr)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	0	0.00	472	0.000	0	0.0	0.000	A
C-AB	0	0.00	550	0.000	0	0.0	0.000	A
C-A	53	0.00			53			
A-B	10	0.00			10			
A-C	98	0.00			98			

08:00 - 08:15

Stream	Total Demand (PCU/hr)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	0	0.00	466	0.000	0	0.0	0.000	A
C-AB	0	0.00	545	0.000	0	0.0	0.000	A
C-A	65	0.00			65			
A-B	12	0.00			12			
A-C	120	0.00			120			

08:15 - 08:30

Stream	Total Demand (PCU/hr)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	0	0.00	466	0.000	0	0.0	0.000	A
C-AB	0	0.00	545	0.000	0	0.0	0.000	A
C-A	65	0.00			65			
A-B	12	0.00			12			
A-C	120	0.00			120			

08:30 - 08:45

Stream	Total Demand (PCU/hr)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	0	0.00	472	0.000	0	0.0	0.000	A
C-AB	0	0.00	550	0.000	0	0.0	0.000	A
C-A	53	0.00			53			
A-B	10	0.00			10			
A-C	98	0.00			98			

08:45 - 09:00

Stream	Total Demand (PCU/hr)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	0	0.00	476	0.000	0	0.0	0.000	A
C-AB	0	0.00	554	0.000	0	0.0	0.000	A
C-A	44	0.00			44			
A-B	8	0.00			8			
A-C	82	0.00			82			

2030 | Base + Committed + Development | PM

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Arm A Direction	Arm B Direction	Arm C Direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	untitled	T-Junction	Two-way	Two-way	Two-way		0.38	A

Junction Network

Driving side	Lighting	Network residual capacity (%)	First arm reaching threshold	Network delay (s)	Network LOS
Left	Normal/unknown	660	Stream B-AC	0.38	A

Traffic Demand

Demand Set Details

ID	Year	Scenario	Time period	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)
D6	2030	Base + Committed + Development	PM	ONE HOUR	16:00	17:30	15

Demand overview (Traffic)

Arm	Linked arm	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
A		✓	83	100.000
B		✓	9	100.000
C		✓	123	100.000

Origin-Destination Data

Demand (PCU/hr)

		To		
		A	B	C
From	A	0	7	76
	B	9	0	0
	C	123	0	0

Vehicle Mix

Heavy Vehicle %

		To		
		A	B	C
From	A	0	0	3
	B	0	0	0
	C	1	0	0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS
B-AC	0.02	9.12	0.0	A
C-AB	0.00	0.00	0.0	A
C-A				
A-B				
A-C				

Main Results for each time segment

16:00 - 16:15

Stream	Total Demand (PCU/hr)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	7	0.00	416	0.016	7	0.0	8.799	A
C-AB	0	0.00	560	0.000	0	0.0	0.000	A
C-A	93	0.00			93			
A-B	5	0.00			5			
A-C	57	0.00			57			

16:15 - 16:30

Stream	Total Demand (PCU/hr)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	8	0.00	411	0.020	8	0.0	8.930	A
C-AB	0	0.00	557	0.000	0	0.0	0.000	A
C-A	111	0.00			111			
A-B	6	0.00			6			
A-C	68	0.00			68			

16:30 - 16:45

Stream	Total Demand (PCU/hr)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	10	0.00	405	0.024	10	0.0	9.116	A
C-AB	0	0.00	554	0.000	0	0.0	0.000	A
C-A	135	0.00			135			
A-B	8	0.00			8			
A-C	84	0.00			84			

16:45 - 17:00

Stream	Total Demand (PCU/hr)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	10	0.00	405	0.024	10	0.0	9.116	A
C-AB	0	0.00	554	0.000	0	0.0	0.000	A
C-A	135	0.00			135			
A-B	8	0.00			8			
A-C	84	0.00			84			

17:00 - 17:15

Stream	Total Demand (PCU/hr)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	8	0.00	411	0.020	8	0.0	8.933	A
C-AB	0	0.00	557	0.000	0	0.0	0.000	A
C-A	111	0.00			111			
A-B	6	0.00			6			
A-C	68	0.00			68			

17:15 - 17:30

Stream	Total Demand (PCU/hr)	Pedestrian demand (Ped/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	7	0.00	416	0.016	7	0.0	8.803	A
C-AB	0	0.00	560	0.000	0	0.0	0.000	A
C-A	93	0.00			93			
A-B	5	0.00			5			
A-C	57	0.00			57			