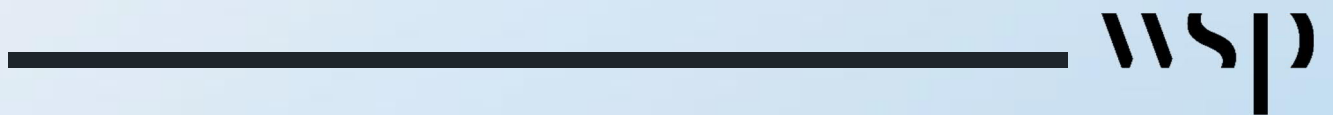


Appendix H

Event Day Car Park Junction Model
Outputs



Junctions 9									
PICADY 9 - Priority Intersection Module									
Version: 9.5.1.7462 © Copyright TRL Limited, 2019									
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The users of this computer program for the solution of an engineering problem are in no way relieved of their responsibility for the correctness of the solution									

Filename: New Car Park Access Junction backup.j9

Path: \\uk.wspgroup.com\central data\Projects\700735xx\70073579 - Ageas Bowl Masterplan\03 WIP\TP Transport Planning\01 Analysis & Calcs\Masterplan Application\New Access J9

Report generation date: 29/03/2023 15:56:07

»2027 Event Day, AM
 »2027 Event Day, PM
 »2027 Non-Event Day, AM
 »2027 Non-Event Day, PM
 »2027 Event Day 2, AM
 »2027 Event Day 2, PM

Summary of junction performance

	AM					PM				
	Set ID	Queue (PCU)	Delay (s)	RFC	LOS	Set ID	Queue (PCU)	Delay (s)	RFC	LOS
	2027 Event Day									
Stream B-AC	D1	0.0	0.00	0.00	A	D2	0.0	0.00	0.00	A
Stream C-AB		1.5	7.99	0.44	A		0.1	7.70	0.05	A
	2027 Non-Event Day									
Stream B-AC	D3	0.0	0.00	0.00	A	D4	0.0	0.00	0.00	A
Stream C-AB		0.0	0.00	0.00	A		0.0	0.00	0.00	A
	2027 Event Day 2									
Stream B-AC	D5	0.0	0.00	0.00	A	D6	0.0	0.00	0.00	A
Stream C-AB		2.1	8.58	0.51	A		0.5	8.20	0.32	A

There are warnings associated with one or more model runs - see the 'Data Errors and Warnings' tables for each Analysis or Demand Set.

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

File summary

File Description

Title	
Location	
Site number	
Date	21/01/2022
Version	
Status	(new file)
Identifier	
Client	
Jobnumber	
Enumerator	CORP\UKMXB100
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	RFC Threshold	Average Delay threshold (s)	Queue threshold (PCU)
		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)
D1	2027 Event Day	AM	ONE HOUR	08:00	09:30	15
D2	2027 Event Day	PM	ONE HOUR	17:00	18:30	15
D3	2027 Non-Event Day	AM	ONE HOUR	08:00	09:30	15
D4	2027 Non-Event Day	PM	ONE HOUR	17:00	18:30	15
D5	2027 Event Day 2	AM	ONE HOUR	08:00	09:30	15
D6	2027 Event Day 2	PM	ONE HOUR	17:00	18:30	15

Analysis Set Details

ID	Network flow scaling factor (%)
A1	100.000

2027 Event Day, AM

Data Errors and Warnings

Severity	Area	Item	Description
Warning	Vehicle Mix		HV% is zero for all movements / time segments. Vehicle Mix matrix should be completed whether working in PCUs or Vehs. If HV% at the junction is genuinely zero, please ignore this warning.

Junction Network

Junctions

Junction	Name	Junction type	Major road direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	untitled	T-Junction	Two-way		1.05	A

Junction Network Options

Driving side	Lighting
Left	Normal/unknown

Arms

Arms

Arm	Name	Description	Arm type
A	A3035 Botley Road E		Major
B	Ageas Bowl New Car Park Access		Minor
C	A3035 Botley Road W		Major

Major Arm Geometry

Arm	Width of carriageway (m)	Has kerbed central reserve	Has right turn bay	Visibility for right turn (m)	Blocks?	Blocking queue (PCU)
C	8.00			210.0	✓	1.00

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	4.40	190	160

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	712	0.118	0.299	0.188	0.428
B-C	826	0.116	0.292	-	-
C-B	696	0.246	0.246	-	-

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

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ID	Scenario name	Time Period name	Traffic profile type	Start time (HH:mm)	Finish time (HH:mm)	Time segment length (min)
D1	2027 Event Day	AM	ONE HOUR	08:00	09:30	15

Vehicle mix source	PCU Factor for a HV (PCU)
HV Percentages	2.00

Demand overview (Traffic)

Arm	Linked arm	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
A		✓	1047	100.000
B		✓	0	100.000
C		✓	991	100.000

Origin-Destination Data

Demand (PCU/hr)

	To			
		A	B	C
	A	0	164	883
	B	0	0	0
	C	827	164	0

Vehicle Mix

Heavy Vehicle Percentages

	To			
		A	B	C
	A	0	0	0
	B	0	0	0
	C	0	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	0.44	7.99	1.5	A
C-A				
A-B				
A-C				

Main Results for each time segment

08:00 - 08:15

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	0	429	0.000	0	0.0	0.000	A
C-AB	161	655	0.246	160	0.4	7.254	A
C-A	585			585			
A-B	123			123			
A-C	665			665			

08:15 - 08:30

Stream	Total Demand	Capacity	RFC	Throughput	End queue	Delay (s)	Unsignalised
--------	--------------	----------	-----	------------	-----------	-----------	--------------

	(PCU/hr)	(PCU/hr)		(PCU/hr)	(PCU)		level of service
B-AC	0	352	0.000	0	0.0	0.000	A
C-AB	222	700	0.318	221	0.7	7.528	A
C-A	668			668			
A-B	147			147			
A-C	794			794			

08:30 - 08:45

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	0	233	0.000	0	0.0	0.000	A
C-AB	356	811	0.438	352	1.4	7.888	A
C-A	736			736			
A-B	181			181			
A-C	972			972			

08:45 - 09:00

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	0	232	0.000	0	0.0	0.000	A
C-AB	356	811	0.438	355	1.5	7.994	A
C-A	736			736			
A-B	181			181			
A-C	972			972			

09:00 - 09:15

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	0	351	0.000	0	0.0	0.000	A
C-AB	222	700	0.318	226	0.7	7.662	A
C-A	668			668			
A-B	147			147			
A-C	794			794			

09:15 - 09:30

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	0	428	0.000	0	0.0	0.000	A
C-AB	161	655	0.246	162	0.4	7.340	A
C-A	585			585			
A-B	123			123			
A-C	665			665			

2027 Event Day, PM

Data Errors and Warnings

Severity	Area	Item	Description
Warning	Vehicle Mix		HV% is zero for all movements / time segments. Vehicle Mix matrix should be completed whether working in PCUs or Vehs. If HV% at the junction is genuinely zero, please ignore this warning.

Junction Network

Junctions

Junction	Name	Junction type	Major road direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	untitled	T-Junction	Two-way		0.13	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)
D2	2027 Event Day	PM	ONE HOUR	17:00	18:30	15

Vehicle mix source	PCU Factor for a HV (PCU)
HV Percentages	2.00

Demand overview (Traffic)

Arm	Linked arm	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
A		✓	867	100.000
B		✓	0	100.000
C		✓	591	100.000

Origin-Destination Data

Demand (PCU/hr)

		To		
From		A	B	C
	A	0	23	844
	B	0	0	0
	C	568	23	0

Vehicle Mix

Heavy Vehicle Percentages

	To			
From		A	B	C
	A	0	0	0
	B	0	0	0
	C	0	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	0.05	7.70	0.1	A
C-A				
A-B				
A-C				

Main Results for each time segment

17:00 - 17:15

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	0	515	0.000	0	0.0	0.000	A
C-AB	18	549	0.032	18	0.0	6.775	A
C-A	427			427			
A-B	17			17			
A-C	635			635			

17:15 - 17:30

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	0	464	0.000	0	0.0	0.000	A
C-AB	22	525	0.041	21	0.0	7.153	A
C-A	510			510			
A-B	21			21			
A-C	759			759			

17:30 - 17:45

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	0	391	0.000	0	0.0	0.000	A
C-AB	27	495	0.055	27	0.1	7.692	A
C-A	623			623			
A-B	25			25			
A-C	929			929			

17:45 - 18:00

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	0	391	0.000	0	0.0	0.000	A
C-AB	27	495	0.055	27	0.1	7.696	A
C-A	623			623			
A-B	25			25			
A-C	929			929			

18:00 - 18:15

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	0	464	0.000	0	0.0	0.000	A
C-AB	22	525	0.041	22	0.0	7.158	A
C-A	510			510			
A-B	21			21			
A-C	759			759			

18:15 - 18:30

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	0	515	0.000	0	0.0	0.000	A
C-AB	18	549	0.032	18	0.0	6.782	A
C-A	427			427			
A-B	17			17			
A-C	635			635			

2027 Non-Event Day, AM

Data Errors and Warnings

Severity	Area	Item	Description
Warning	Vehicle Mix		HV% is zero for all movements / time segments. Vehicle Mix matrix should be completed whether working in PCUs or Vehs. If HV% at the junction is genuinely zero, please ignore this warning.

Junction Network

Junctions

Junction	Name	Junction type	Major road direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	untitled	T-Junction	Two-way		0.00	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)
D3	2027 Non-Event Day	AM	ONE HOUR	08:00	09:30	15

Vehicle mix source	PCU Factor for a HV (PCU)
HV Percentages	2.00

Demand overview (Traffic)

Arm	Linked arm	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
A		✓	883	100.000
B		✓	0	100.000
C		✓	827	100.000

Origin-Destination Data

Demand (PCU/hr)

	To			
		A	B	C
	A	0	0	883
	B	0	0	0
	C	827	0	0

Vehicle Mix

Heavy Vehicle Percentages

	To			
		A	B	C
	A	0	0	0
	B	0	0	0
	C	0	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

08:00 - 08:15

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	0	487	0.000	0	0.0	0.000	A
C-AB	0	1064	0.000	0	0.0	0.000	A
C-A	623			623			
A-B	0			0			
A-C	665			665			

08:15 - 08:30

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	0	428	0.000	0	0.0	0.000	A
C-AB	0	1001	0.000	0	0.0	0.000	A
C-A	743			743			
A-B	0			0			
A-C	794			794			

08:30 - 08:45

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	0	342	0.000	0	0.0	0.000	A
C-AB	0	913	0.000	0	0.0	0.000	A
C-A	911			911			
A-B	0			0			
A-C	972			972			

08:45 - 09:00

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	0	342	0.000	0	0.0	0.000	A
C-AB	0	913	0.000	0	0.0	0.000	A
C-A	911			911			
A-B	0			0			
A-C	972			972			

09:00 - 09:15

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	0	428	0.000	0	0.0	0.000	A
C-AB	0	1001	0.000	0	0.0	0.000	A
C-A	743			743			
A-B	0			0			
A-C	794			794			

09:15 - 09:30

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	0	487	0.000	0	0.0	0.000	A
C-AB	0	1064	0.000	0	0.0	0.000	A
C-A	623			623			
A-B	0			0			
A-C	665			665			

2027 Non-Event Day, PM

Data Errors and Warnings

Severity	Area	Item	Description
Warning	Vehicle Mix		HV% is zero for all movements / time segments. Vehicle Mix matrix should be completed whether working in PCUs or Vehs. If HV% at the junction is genuinely zero, please ignore this warning.

Junction Network

Junctions

Junction	Name	Junction type	Major road direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	untitled	T-Junction	Two-way		0.00	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)
D4	2027 Non-Event Day	PM	ONE HOUR	17:00	18:30	15

Vehicle mix source	PCU Factor for a HV (PCU)
HV Percentages	2.00

Demand overview (Traffic)

Arm	Linked arm	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
A		✓	844	100.000
B		✓	0	100.000
C		✓	568	100.000

Origin-Destination Data

Demand (PCU/hr)

	To			
	A	B	C	
From	A	0	0	844
	B	0	0	0
	C	568	0	0

Vehicle Mix

Heavy Vehicle Percentages

	To			
	A	B	C	
From	A	0	0	0
	B	0	0	0
	C	0	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

17:00 - 17:15

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	0	523	0.000	0	0.0	0.000	A
C-AB	0	1078	0.000	0	0.0	0.000	A
C-A	428			428			
A-B	0			0			
A-C	635			635			

17:15 - 17:30

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	0	473	0.000	0	0.0	0.000	A
C-AB	0	1018	0.000	0	0.0	0.000	A
C-A	511			511			
A-B	0			0			
A-C	759			759			

17:30 - 17:45

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	0	403	0.000	0	0.0	0.000	A
C-AB	0	934	0.000	0	0.0	0.000	A
C-A	625			625			
A-B	0			0			
A-C	929			929			

17:45 - 18:00

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	0	403	0.000	0	0.0	0.000	A
C-AB	0	934	0.000	0	0.0	0.000	A
C-A	625			625			
A-B	0			0			
A-C	929			929			

18:00 - 18:15

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	0	473	0.000	0	0.0	0.000	A
C-AB	0	1018	0.000	0	0.0	0.000	A
C-A	511			511			
A-B	0			0			
A-C	759			759			

18:15 - 18:30

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	0	523	0.000	0	0.0	0.000	A
C-AB	0	1078	0.000	0	0.0	0.000	A
C-A	428			428			
A-B	0			0			
A-C	635			635			

2027 Event Day 2, AM

Data Errors and Warnings

Severity	Area	Item	Description
Warning	Vehicle Mix		HV% is zero for all movements / time segments. Vehicle Mix matrix should be completed whether working in PCUs or Vehs. If HV% at the junction is genuinely zero, please ignore this warning.

Junction Network

Junctions

Junction	Name	Junction type	Major road direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	untitled	T-Junction	Two-way		1.34	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)
D5	2027 Event Day 2	AM	ONE HOUR	08:00	09:30	15

Vehicle mix source	PCU Factor for a HV (PCU)
HV Percentages	2.00

Demand overview (Traffic)

Arm	Linked arm	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
A		✓	1070	100.000
B		✓	0	100.000
C		✓	1014	100.000

Origin-Destination Data

Demand (PCU/hr)

	To			
From		A	B	C
	A	0	187	883
	B	0	0	0
	C	827	187	0

Vehicle Mix

Heavy Vehicle Percentages

	To			
From		A	B	C
	A	0	0	0
	B	0	0	0
	C	0	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	0.51	8.58	2.1	A
C-A				
A-B				
A-C				

Main Results for each time segment

08:00 - 08:15

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	0	420	0.000	0	0.0	0.000	A
C-AB	191	674	0.283	189	0.5	7.406	A
C-A	573			573			
A-B	141			141			
A-C	665			665			

08:15 - 08:30

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	0	341	0.000	0	0.0	0.000	A
C-AB	268	731	0.366	266	0.9	7.761	A
C-A	644			644			
A-B	168			168			
A-C	794			794			

08:30 - 08:45

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	0	216	0.000	0	0.0	0.000	A
C-AB	440	868	0.507	436	2.1	8.401	A
C-A	676			676			
A-B	206			206			
A-C	972			972			

08:45 - 09:00

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	0	214	0.000	0	0.0	0.000	A
C-AB	440	868	0.507	440	2.1	8.583	A
C-A	676			676			
A-B	206			206			
A-C	972			972			

09:00 - 09:15

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	0	339	0.000	0	0.0	0.000	A
C-AB	268	731	0.366	273	1.0	7.978	A
C-A	644			644			
A-B	168			168			
A-C	794			794			

09:15 - 09:30

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	0	419	0.000	0	0.0	0.000	A
C-AB	191	674	0.283	192	0.5	7.522	A
C-A	573			573			
A-B	141			141			
A-C	665			665			

2027 Event Day 2, PM

Data Errors and Warnings

Severity	Area	Item	Description
Warning	Vehicle Mix		HV% is zero for all movements / time segments. Vehicle Mix matrix should be completed whether working in PCUs or Vehs. If HV% at the junction is genuinely zero, please ignore this warning.

Junction Network

Junctions

Junction	Name	Junction type	Major road direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	untitled	T-Junction	Two-way		4.10	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)
D6	2027 Event Day 2	PM	ONE HOUR	17:00	18:30	15

Vehicle mix source	PCU Factor for a HV (PCU)
HV Percentages	2.00

Demand overview (Traffic)

Arm	Linked arm	Use O-D data	Average Demand (PCU/hr)	Scaling Factor (%)
A		✓	187	100.000
B		✓	0	100.000
C		✓	187	100.000

Origin-Destination Data

Demand (PCU/hr)

	To			
		A	B	C
From	A	0	187	0
	B	0	0	0
	C	0	187	0

Vehicle Mix

Heavy Vehicle Percentages

	To			
		A	B	C
From	A	0	0	0
	B	0	0	0
	C	0	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	0.32	8.20	0.5	A
C-A				
A-B				
A-C				

Main Results for each time segment

17:00 - 17:15

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	0	712	0.000	0	0.0	0.000	A
C-AB	141	661	0.213	140	0.3	6.893	A
C-A	0			0			
A-B	141			141			
A-C	0			0			

17:15 - 17:30

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	0	701	0.000	0	0.0	0.000	A
C-AB	168	654	0.257	168	0.3	7.396	A
C-A	0			0			
A-B	168			168			
A-C	0			0			

17:30 - 17:45

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	0	686	0.000	0	0.0	0.000	A
C-AB	206	645	0.319	205	0.5	8.182	A
C-A	0			0			
A-B	206			206			
A-C	0			0			

17:45 - 18:00

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	0	686	0.000	0	0.0	0.000	A
C-AB	206	645	0.319	206	0.5	8.199	A
C-A	0			0			
A-B	206			206			
A-C	0			0			

18:00 - 18:15

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	0	701	0.000	0	0.0	0.000	A
C-AB	168	654	0.257	169	0.3	7.419	A
C-A	0			0			
A-B	168			168			
A-C	0			0			

18:15 - 18:30

Stream	Total Demand (PCU/hr)	Capacity (PCU/hr)	RFC	Throughput (PCU/hr)	End queue (PCU)	Delay (s)	Unsignalised level of service
B-AC	0	712	0.000	0	0.0	0.000	A
C-AB	141	661	0.213	141	0.3	6.928	A
C-A	0			0			
A-B	141			141			
A-C	0			0			