

RECEIVED: 01/03/2024

APPENDIX 14

RECEIVED: 01/03/2024

APPENDIX 14-1

Irish Traffic Surveys LTD

Survey Name : ITS J-737 Slieverue
Site: Junction Turn Count Survey
Date: 23.05.23
Time: 07:00-19:00
Location: [L7582 / access road to the proposed development junction/Slieverue/Kilkenny](#)
Classification: Car, LGV, OGV1, OGV2, PSV, MC, PC

Site 1 - Cam R05



Mapping Image



Irish Traffic Surveys

Date: 23.05.23
Time Period: 07:00-19:00
Junction Type: 3-Arm
Reporting Interval: 15min
Classification scheme: Car, LGV, OGV1, OGV2, PSV, MC, PC
Queues Required: No
Pedestrian required: No

Irish Traffic Surveys LTD

Survey Name : ITS J-737 Slieverue
 Site: Junction Turn Count Survey
 Date: 23.05.23
 Time: 07:00-19:00
 Location: L7582 / access road to the proposed development junction/Slieverue/Kilkenny
 Classification: Car, LGV, OGV1, OGV2, PSV, MC, PC

RECEIVED: 21/03/2024

Irish

TIME	A => A								A => B								A => C							
	CAR	LGV	OGV1	OGV2	PSV	M/C	P/C	TOT	CAR	LGV	OGV1	OGV2	PSV	M/C	P/C	TOT	CAR	LGV	OGV1	OGV2	PSV	M/C	P/C	TOT
07:00	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	1	0	0	0	1
07:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	0	0	0	0	4
07:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
07:45	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	1	0	0	1	0	0	0	2
H/TOT	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	2	2	1	2	3	0	0	0	8
08:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	2
08:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
08:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	4	0	0	0	6
08:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	5	0	0	0	6
H/TOT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	1	11	0	0	0	15
09:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	2
09:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	4	0	0	0	5
09:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	6	0	0	0	8
09:45	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	2	0	2	0	4	0	0	0	6
H/TOT	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	2	2	2	1	16	0	0	0	21
10:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	3	0	0	0	5
10:15	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	1	0	2	0	0	0	3
10:30	0	0	0	0	0	0	0	0	2	0	1	1	0	0	0	4	1	0	1	3	0	0	0	5
10:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	3	0	0	0	5
H/TOT	0	0	0	0	0	0	0	0	2	0	2	1	0	0	0	5	3	3	1	11	0	0	0	18
11:00	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1	0	2	3	0	0	0	6
11:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	3	0	0	0	4
11:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	3
11:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	4
H/TOT	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	3	1	2	11	0	0	0	17
12:00	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1	1	0	6	0	0	0	8
12:15	0	0	0	0	0	0	0	0	2	0	0	1	0	0	0	3	1	0	0	5	0	0	0	6
12:30	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	2	1	0	0	1	0	0	0	2
12:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	4	0	0	0	7
H/TOT	0	0	0	0	0	0	0	0	3	0	0	3	0	0	0	6	6	1	0	16	0	0	0	23
13:00	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	2	0	0	0	3	0	0	0	3
13:15	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	2	0	0	1	0	0	0	3
13:30	0	0	0	0	0	0	0	0	2	0	1	0	0	0	0	3	2	0	1	1	0	0	0	4
13:45	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	2	0	0	6	0	0	1	9
H/TOT	0	0	0	0	0	0	0	0	3	0	1	3	0	0	0	7	6	0	1	11	0	0	1	19
14:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	4	0	0	0	9
14:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	6	0	0	0	9
14:30	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	1	0	2	0	0	0	3
14:45	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	2	2	0	0	3	0	0	0	5
H/TOT	0	0	0	0	0	0	0	0	1	0	0	2	0	0	0	3	8	3	0	15	0	0	0	26
15:00	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	4	0	0	2	0	0	0	6
15:15	0	0	0	0	0	0	0	0	2	0	0	1	0	0	0	3	0	1	1	1	0	0	0	3
15:30	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1	0	0	2	0	0	0	3
15:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	2
H/TOT	0	0	0	0	0	0	0	0	2	0	0	3	0	0	0	5	5	1	1	7	0	0	0	14
16:00	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1	0	0	0	0	0	0	1
16:15	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	2	6	0	0	2	0	0	0	8
16:30	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	6	1	0	3	0	0	0	10
16:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	1	4	0	0	0	8
H/TOT	0	0	0	0	0	0	0	0	1	0	0	3	0	0	0	4	15	2	1	9	0	0	0	27
17:00	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	5	0	2	4	0	0	0	11
17:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	2	0	0	0	6
17:30	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	3	1	0	1	0	0	0	5
17:45	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	1	0	0	0	1
H/TOT	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	3	10	3	2	8	0	0	0	23
18:00	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	2	1	0	0	0	0	0	3
18:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18:30	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0
18:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
H/TOT	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	2	3	1	0	0	0	0	0	4
12 HR TOT	0	0	0	0	0	0	0	0	13	0	4	23	0	0	0	40	66	18	12	118	0	0	1	215

RECEIVED: 01/03/2024

B => A								B => B								B => C							
CAR	LGV	OGV1	OGV2	PSV	M/C	P/C	TOT	CAR	LGV	OGV1	OGV2	PSV	M/C	P/C	TOT	CAR	LGV	OGV1	OGV2	PSV	M/C	P/C	TOT
1	0	1	0	0	0	0	2	0	0	0	0	0	0	0	0	1	0	0	3	0	0	0	4
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	5	0	0	0	8
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12	2	1	4	0	1	0	20
0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	2	1	0	4	0	0	1	8
1	0	1	1	0	0	0	3	0	0	0	0	0	0	0	0	18	3	1	16	0	1	1	40
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	1	0	0	0	5
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	2
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	5	0	0	0	6
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	4	0	0	0	8
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	5	0	12	0	0	0	21
0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	6	0	0	0	6
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	5	0	0	0	7
1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	4
0	0	1	1	0	0	0	2	0	0	0	0	0	0	0	0	2	1	0	1	0	0	0	4
1	0	2	1	0	0	0	4	0	0	0	0	0	0	0	0	5	2	1	13	0	0	0	21
1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	5	0	0	0	6
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	3	0	0	0	5
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	2	0	0	0	5
1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	3
2	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	4	1	1	13	0	0	0	19
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	3	0	0	0	6
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	5	0	0	0	6
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	1	4	0	0	0	8
0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	2
0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	4	2	3	13	0	0	0	22
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	2
0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	3	0	0	0	4
0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	1	0	1	3	0	0	1	6
0	0	1	1	0	0	0	2	0	0	0	0	0	0	0	0	3	0	0	2	0	0	0	5
0	0	1	3	0	0	0	4	0	0	0	0	0	0	0	0	5	0	1	10	0	0	1	17
2	0	0	1	0	0	0	3	0	0	0	0	0	0	0	0	3	0	0	1	0	0	0	4
1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	1	0	4	0	0	0	6
0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	3	2	0	4	0	0	0	9
1	0	0	1	0	0	0	2	0	0	0	0	0	0	0	0	1	1	0	2	0	0	0	4
4	0	0	3	0	0	0	7	0	0	0	0	0	0	0	0	8	4	0	11	0	0	0	23
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	1	2	4	0	0	0	11
0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	2	0	0	1	0	0	0	3
0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	4	1	0	4	0	0	0	9
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	3	0	0	0	5
0	1	0	1	0	0	0	2	0	0	0	0	0	0	0	0	11	2	3	12	0	0	0	28
1	0	0	1	0	0	0	2	0	0	0	0	0	0	0	0	2	0	0	1	0	0	0	3
0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	2	1	1	7	0	0	0	11
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	3	0	0	0	8
0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	1	1	2	0	0	0	4
1	0	0	3	0	0	0	4	0	0	0	0	0	0	0	0	9	2	2	13	0	0	0	26
0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	20	1	0	3	0	0	0	24
0	0	0	2	0	0	0	2	0	0	0	0	0	0	0	0	2	1	0	0	0	0	0	3
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16	1	1	1	0	0	0	19
0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	7	1	0	4	0	0	0	12
0	0	0	4	0	0	0	4	0	0	0	0	0	0	0	0	45	4	1	8	0	0	0	58
0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	10	1	0	2	0	0	1	14
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	2
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	2	0	3	0	0	0	10
0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	3	0	0	0	4
0	0	0	2	0	0	0	2	0	0	0	0	0	0	0	0	16	3	0	9	0	1	1	30
0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	2	0	0	0	3
0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	2
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	2
0	0	0	2	0	0	0	2	0	0	0	0	0	0	0	0	4	0	0	5	0	0	0	9
9	1	4	21	0	0	0	35	0	0	0	0	0	0	0	0	133	28	13	135	0	2	3	314

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C => A								C => B								C => C							
CAR	LGV	OGV1	OGV2	PSV	M/C	P/C	TOT	CAR	LGV	OGV1	OGV2	PSV	M/C	P/C	TOT	CAR	LGV	OGV1	OGV2	PSV	M/C	P/C	TOT
2	0	2	0	0	0	0	4	21	1	0	3	0	1	0	26	0	0	0	0	0	0	0	0
0	1	1	2	0	0	0	4	19	5	1	2	0	2	0	29	0	0	0	0	0	0	0	0
6	1	0	0	0	0	0	7	5	2	0	6	0	0	0	13	0	0	0	0	0	0	0	0
11	0	0	1	0	0	0	12	14	0	0	3	0	0	0	17	0	0	0	0	0	0	0	0
19	2	3	3	0	0	0	27	59	8	1	14	0	3	0	85	0	0	0	0	0	0	0	0
2	0	1	4	0	0	0	7	11	1	0	4	0	0	0	16	0	0	0	0	0	0	0	0
2	0	0	5	0	0	0	7	1	0	1	2	0	0	0	4	0	0	0	0	0	0	0	0
2	0	0	8	0	0	0	10	3	1	0	6	0	0	0	10	0	0	0	0	0	0	0	0
1	0	1	0	0	0	0	2	1	0	1	8	0	0	0	10	0	0	0	0	0	0	0	0
7	0	2	17	0	0	0	26	16	2	2	20	0	0	0	40	0	0	0	0	0	0	0	0
0	2	0	4	0	0	0	6	2	0	0	1	0	0	0	3	1	0	0	0	0	0	0	1
1	1	0	4	0	0	0	6	3	1	1	4	0	0	0	9	0	0	0	0	0	0	0	0
2	1	0	4	0	0	0	7	0	1	0	2	0	0	0	3	0	0	0	0	0	0	0	0
1	2	0	3	0	0	0	6	0	2	1	5	0	0	0	8	0	0	0	0	0	0	0	0
4	6	0	15	0	0	0	25	5	4	2	12	0	0	0	23	1	0	0	0	0	0	0	1
1	0	0	2	0	0	0	3	3	0	0	1	0	0	0	4	0	0	0	0	0	0	0	0
1	0	0	1	0	0	0	2	1	0	0	2	0	0	0	3	0	0	0	0	0	0	0	0
1	0	2	6	0	0	0	9	1	0	1	2	0	0	0	4	0	0	0	0	0	0	0	0
2	0	0	4	0	0	0	6	1	0	1	3	0	0	0	5	0	0	0	0	0	0	0	0
5	0	2	13	0	0	0	20	6	0	2	8	0	0	0	16	0	0	0	0	0	0	0	0
1	0	0	5	0	0	0	6	1	0	1	6	0	0	0	8	0	0	0	0	0	0	0	0
1	1	0	4	0	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	3	0	0	0	4	1	0	0	4	0	0	0	5	0	0	0	0	0	0	0	0
1	0	0	3	0	0	0	4	1	0	0	3	0	0	0	4	0	0	0	0	0	0	0	0
4	1	0	15	0	0	0	20	3	0	1	13	0	0	0	17	0	0	0	0	0	0	0	0
2	1	0	3	0	0	0	6	0	0	0	3	0	0	0	3	0	0	0	0	0	0	0	0
4	0	0	4	0	0	0	8	0	0	2	2	0	0	0	4	0	0	0	0	0	0	0	0
1	0	0	5	0	0	0	6	1	1	0	1	0	1	0	4	0	0	0	0	0	0	0	0
0	1	0	3	0	0	0	4	1	0	0	4	0	0	0	5	0	0	0	0	0	0	0	0
7	2	0	15	0	0	0	24	2	1	2	10	0	1	0	16	0	0	0	0	0	0	0	0
2	0	0	2	0	0	0	4	1	1	0	6	0	0	0	8	0	0	0	0	0	0	0	0
2	0	0	5	0	0	0	7	0	0	0	2	0	0	0	2	0	0	0	0	0	0	0	0
0	0	0	5	0	0	0	5	3	3	0	2	0	0	0	8	0	0	0	0	0	0	0	0
5	1	0	2	0	0	0	8	2	1	2	2	0	0	0	7	0	0	0	0	0	0	0	0
9	1	0	14	0	0	0	24	6	5	2	12	0	0	0	25	0	0	0	0	0	0	0	0
3	1	1	5	0	0	0	10	2	0	0	3	0	0	0	5	0	0	0	0	0	0	0	0
1	0	0	1	0	0	0	2	0	2	0	3	0	0	0	5	0	0	0	0	0	0	0	0
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1	0	0	1	0	0	0	2	1	0	0	5	0	0	0	6	0	0	0	0	0	0	0	0
6	1	1	8	0	0	0	16	4	2	0	11	0	0	0	17	0	0	0	0	0	0	0	0
0	0	0	2	0	0	0	2	0	0	0	3	0	0	0	3	0	0	0	0	0	0	0	0
2	0	1	1	0	0	0	4	0	2	0	3	0	0	0	5	0	0	0	0	0	0	0	0
1	0	0	2	0	0	0	3	2	0	0	2	0	0	0	4	0	1	0	0	0	0	0	1
0	0	1	1	0	0	0	2	0	0	1	2	0	0	0	3	0	0	0	0	0	0	0	0
3	0	2	6	0	0	0	11	2	2	1	10	0	0	0	15	0	1	0	0	0	0	0	1
2	0	0	5	0	0	0	7	0	0	1	1	0	0	0	2	0	0	0	0	0	0	0	0
1	0	0	1	0	0	0	2	3	0	1	3	0	0	0	7	0	0	0	0	0	0	0	0
1	0	1	2	0	0	0	4	0	0	0	3	0	0	0	3	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	2	0	0	0	0	0	0	0	0
4	0	1	8	0	0	0	13	4	0	2	8	0	0	0	14	0	0	0	0	0	0	0	0
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0	0	0	1	0	0	0	1	0	0	0	2	0	0	0	2	0	0	0	0	0	0	0	0
1	1	0	1	0	0	0	3	0	0	0	11	0	0	0	11	0	0	0	0	0	0	0	0
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0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	3	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	8	1	0	0	0	0	0	9	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	2	8	1	0	4	0	0	0	13	0	0	0	0	0	0	0	0
71	14	11	115	0	0	0	211	115	25	15	133	0	4	0	292	1	1	0	0	0	0	0	2

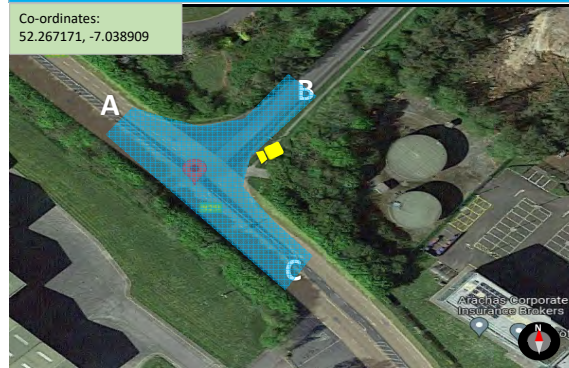
Irish Traffic Surveys LTD

Survey Name : ITS J-737 Slieverue
Site: Junction Turn Count Survey
Date: 23.05.23
Time: 07:00-19:00
Location: [N29 / L7582 priority junction/Slieverue/Kilkenny](#)
Classification: Car, LGV, OGV1, OGV2, PSV, MC, PC

Site 2 - Cam ITS10



Mapping Image



Irish Traffic Surveys

Date: 23.05.23
Time Period: 07:00-19:00
Junction Type: 3-Arm
Reporting Interval: 15min
Classification scheme: Car, LGV, OGV1, OGV2, PSV, MC, PC
Queues Required: No
Pedestrian required: No

Irish Traffic Surveys LTD

Survey Name : ITS J-737 Slieverue
 Site: Junction Turn Count Survey
 Date: 23.05.23
 Time: 07:00-19:00
 Location: N29 / L7582 priority junction/Slieverue/Kilkenny
 Classification: Car, LGV, OGV1, OGV2, PSV, MC, PC



TIME	A => A								A => B								A => C							
	CAR	LGV	OGV1	OGV2	PSV	M/C	P/C	TOT	CAR	LGV	OGV1	OGV2	PSV	M/C	P/C	TOT	CAR	LGV	OGV1	OGV2	PSV	M/C	P/C	TOT
07:00	0	0	0	0	0	0	0	0	30	1	1	4	0	1	0	37	6	2	1	6	0	0	0	15
07:15	0	0	0	0	0	0	0	0	20	9	1	4	0	2	0	36	10	4	1	5	0	0	1	21
07:30	0	0	0	0	0	0	0	0	17	3	0	4	0	0	0	24	10	4	1	8	0	0	0	23
07:45	0	0	0	0	0	0	0	0	36	0	0	2	0	0	1	39	13	4	0	6	0	0	0	23
H/TOT	0	0	0	0	0	0	0	0	103	13	2	14	0	3	1	136	39	14	3	25	0	0	1	82
08:00	0	0	0	0	0	0	0	0	15	1	0	6	0	0	0	22	13	3	0	5	0	0	0	21
08:15	0	0	0	0	0	0	0	0	4	0	0	1	0	0	0	5	7	1	0	5	0	0	0	13
08:30	0	0	0	0	0	0	0	0	5	1	0	10	0	0	0	16	25	1	0	7	0	0	0	33
08:45	0	0	0	0	0	0	0	0	3	1	2	8	0	0	0	14	27	6	0	9	0	0	0	42
H/TOT	0	0	0	0	0	0	0	0	27	3	2	25	0	0	0	57	72	11	0	26	0	0	0	109
09:00	0	0	0	0	0	0	0	0	3	3	0	4	0	0	0	10	14	5	0	5	0	0	0	24
09:15	0	0	0	0	0	0	0	0	8	2	0	6	0	0	1	17	13	2	0	9	0	0	0	24
09:30	0	0	0	0	0	0	0	0	3	1	0	2	0	0	0	6	8	0	1	6	0	0	0	15
09:45	0	0	0	0	0	0	0	0	0	4	0	5	0	0	0	9	4	0	1	11	0	0	0	16
H/TOT	0	0	0	0	0	0	0	0	14	10	0	17	0	0	1	42	39	7	2	31	0	0	0	79
10:00	0	0	0	0	0	0	0	0	4	0	0	3	0	0	0	7	7	1	0	7	0	0	0	15
10:15	0	0	0	0	0	0	0	0	6	0	0	6	0	0	0	12	6	1	3	6	0	0	0	16
10:30	0	0	0	0	0	0	0	0	2	1	1	7	0	0	0	11	2	1	0	9	0	0	0	12
10:45	0	0	0	0	0	0	0	0	5	1	0	6	0	0	0	12	5	0	0	6	0	0	0	11
H/TOT	0	0	0	0	0	0	0	0	17	2	1	22	0	0	0	42	20	3	3	28	0	0	0	54
11:00	0	0	0	0	0	0	0	0	2	2	0	12	0	0	0	16	2	0	1	7	0	0	0	10
11:15	0	0	0	0	0	0	0	0	4	0	0	5	0	0	0	9	3	0	0	3	0	0	0	6
11:30	0	0	0	0	0	0	0	0	3	0	0	8	0	0	0	11	5	1	0	9	0	0	0	15
11:45	0	0	0	0	0	0	0	0	2	1	0	5	0	0	0	8	8	0	1	7	0	0	0	16
H/TOT	0	0	0	0	0	0	0	0	11	3	0	30	0	0	0	44	18	1	2	26	0	0	0	47
12:00	0	0	0	0	0	0	0	0	2	1	0	6	0	0	0	9	2	0	0	8	0	0	0	10
12:15	0	0	0	0	0	0	0	0	1	0	1	6	0	0	0	8	2	0	0	7	0	0	0	9
12:30	0	0	0	0	0	0	0	0	3	1	0	3	0	1	0	8	1	0	1	5	0	0	0	7
12:45	0	0	0	0	0	0	0	0	1	1	0	10	0	0	0	12	3	0	1	7	1	0	0	12
H/TOT	0	0	0	0	0	0	0	0	7	3	1	25	0	1	0	37	8	0	2	27	1	0	0	38
13:00	0	0	0	0	0	0	0	0	3	1	0	8	0	0	0	12	4	1	0	6	0	0	0	11
13:15	0	0	0	0	0	0	0	0	5	1	0	6	0	0	0	12	13	0	1	2	0	0	0	16
13:30	0	0	0	0	0	0	0	0	4	4	0	6	0	0	0	14	5	0	2	8	0	0	0	15
13:45	0	0	0	0	0	0	0	0	10	1	1	7	0	0	0	19	9	4	0	4	0	0	0	17
H/TOT	0	0	0	0	0	0	0	0	22	7	1	27	0	0	0	57	31	5	3	20	0	0	0	59
14:00	0	0	0	0	0	0	0	0	7	1	1	7	0	0	0	16	3	0	0	7	0	0	0	10
14:15	0	0	0	0	0	0	0	0	2	2	0	5	0	0	0	9	5	0	1	5	0	0	0	11
14:30	0	0	0	0	0	0	0	0	1	0	0	2	0	0	0	3	6	1	2	6	0	0	0	15
14:45	0	0	0	0	0	0	0	0	3	0	0	7	0	0	0	10	6	0	0	5	0	0	0	11
H/TOT	0	0	0	0	0	0	0	0	13	3	1	21	0	0	0	38	20	1	3	23	0	0	0	47
15:00	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	5	4	1	1	5	0	0	0	11
15:15	0	0	0	0	0	0	0	0	4	1	0	4	0	0	0	9	3	0	0	6	0	0	0	9
15:30	0	0	0	0	0	0	0	0	3	0	0	4	0	0	0	7	2	1	1	2	0	0	0	6
15:45	0	0	0	0	0	0	0	0	0	0	1	2	0	0	0	3	6	0	0	3	0	0	0	9
H/TOT	0	0	0	0	0	0	0	0	7	1	1	15	0	0	0	24	15	2	2	16	0	0	0	35
16:00	0	0	0	0	0	0	0	0	2	0	0	5	0	0	0	7	2	0	0	7	0	0	0	9
16:15	1	0	0	0	0	0	0	1	0	3	0	5	0	0	0	8	5	0	0	8	0	0	0	13
16:30	0	0	0	0	0	0	0	0	1	0	0	5	0	0	0	6	2	1	2	2	0	0	0	7
16:45	0	0	0	0	0	0	0	0	4	0	0	1	0	0	0	5	1	1	0	2	0	0	0	4
H/TOT	1	0	0	0	0	0	0	1	7	3	0	16	0	0	0	26	10	2	2	19	0	0	0	33
17:00	0	0	0	0	0	0	0	0	1	0	0	3	0	0	0	4	0	0	2	3	0	0	0	5
17:15	0	0	0	0	0	0	0	0	1	0	0	3	0	0	0	4	1	0	0	4	0	0	0	5
17:30	0	0	0	0	0	0	0	0	3	0	0	1	0	0	0	4	3	0	0	1	0	0	0	4
17:45	0	0	0	0	0	0	0	0	1	0	0	3	0	0	0	4	2	0	0	3	0	0	0	5
H/TOT	0	0	0	0	0	0	0	0	6	0	0	10	0	0	0	16	6	0	2	11	0	0	0	19
18:00	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	1	0	0	1	0	0	1	3
18:15	0	0	0	0	0	0	0	0	2	0	0	1	0	0	0	3	0	0	0	2	0	0	0	2
18:30	0	0	0	0	0	0	0	0	0	0	0	3	0	0	1	4	2	1	0	1	0	0	0	4
18:45	0	0	0	0	0	0	0	0	14	1	0	0	0	0	0	15	4	0	0	0	0	0	0	4
H/TOT	0	0	0	0	0	0	0	0	17	1	0	4	0	0	1	23	7	1	0	4	0	0	1	13
12 HR TOT	1	0	0	0	0	0	0	1	251	49	9	226	0	4	3	542	285	47	24	256	1	0	2	615

RECEIVED: 01/03/2024

B => A								B => B								B => C							
CAR	LGV	OGV1	OGV2	PSV	M/C	P/C	TOT	CAR	LGV	OGV1	OGV2	PSV	M/C	P/C	TOT	CAR	LGV	OGV1	OGV2	PSV	M/C	P/C	TOT
2	0	0	3	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
11	0	1	4	0	0	1	17	0	0	0	0	0	0	0	0	1	0	1	1	0	0	0	3
13	4	2	2	0	1	0	22	0	0	0	0	0	0	0	0	0	1	0	2	0	0	0	3
2	0	0	6	0	0	1	9	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	3
28	4	3	15	0	1	2	53	0	0	0	0	0	0	0	0	1	2	2	5	0	0	0	10
2	0	0	3	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
3	0	0	4	0	0	0	7	0	0	0	0	0	0	0	0	0	3	3	1	0	0	0	7
0	1	0	10	0	0	0	11	0	0	0	0	0	0	0	0	2	0	1	1	0	0	0	4
3	1	0	6	0	0	0	10	0	0	0	0	0	0	0	0	0	1	0	2	0	0	0	3
8	2	0	23	0	0	0	33	0	0	0	0	0	0	0	0	2	4	4	5	0	0	0	15
1	1	1	10	0	0	0	13	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
4	0	0	8	0	0	0	12	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	2
0	0	1	8	0	0	0	9	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
3	3	0	4	0	0	0	10	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	3
8	4	2	30	0	0	0	44	0	0	0	0	0	0	0	0	3	0	0	4	0	0	0	7
3	1	0	6	0	0	0	10	0	0	0	0	0	0	0	0	0	0	4	1	0	0	0	5
2	1	0	4	0	0	0	7	0	0	0	0	0	0	0	0	1	1	0	1	0	0	0	3
4	1	0	5	0	0	0	10	0	0	0	0	0	0	0	0	0	1	2	0	0	0	0	3
2	5	0	7	0	0	0	14	0	0	0	0	0	0	0	0	1	0	0	2	0	0	0	3
11	8	0	22	0	0	0	41	0	0	0	0	0	0	0	0	2	2	6	4	0	0	0	14
5	1	2	4	0	0	0	12	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
0	1	0	9	0	0	0	10	0	0	0	0	0	0	0	0	1	1	2	1	0	0	0	5
3	0	0	7	0	0	0	10	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
2	1	0	5	0	0	0	8	0	0	0	0	0	0	0	0	1	0	1	2	0	0	0	4
10	3	2	25	0	0	0	40	0	0	0	0	0	0	0	0	2	1	3	5	0	0	0	11
2	1	0	8	0	0	0	11	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
2	0	0	9	0	0	0	11	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	3
2	0	0	6	0	0	0	8	0	0	0	0	0	0	0	0	2	1	0	0	0	0	0	3
12	0	1	8	0	0	0	21	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	3
18	1	1	31	0	0	0	51	0	0	0	0	0	0	0	0	2	1	4	3	0	0	0	10
7	0	0	7	0	0	1	15	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
2	1	0	5	0	0	0	8	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2
7	2	2	5	0	0	0	16	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
5	1	0	6	0	0	1	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	4	2	23	0	0	2	52	0	0	0	0	0	0	0	0	2	1	0	1	0	0	0	4
9	1	1	9	0	0	0	20	0	0	0	0	0	0	0	0	1	0	2	0	0	0	0	3
4	2	0	13	0	0	0	19	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
3	2	0	7	0	0	0	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	7	0	0	0	10	0	0	0	0	0	0	0	0	2	1	0	0	0	0	0	3
19	5	1	36	0	0	0	61	0	0	0	0	0	0	0	0	3	2	2	0	0	0	0	7
4	0	0	3	0	0	0	7	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
2	2	1	7	0	0	0	12	0	0	0	0	0	0	0	0	3	0	1	0	0	0	0	4
5	0	0	7	0	0	0	12	0	0	0	0	0	0	0	0	1	1	0	1	0	0	0	3
1	1	0	4	0	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	3	1	21	0	0	0	37	0	0	0	0	0	0	0	0	5	1	1	1	0	0	0	8
22	3	0	3	0	1	0	29	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
12	4	0	4	0	0	0	20	0	0	0	0	0	0	0	0	2	1	0	0	0	0	0	3
24	2	0	7	0	0	1	34	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	4
19	2	1	8	0	0	0	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
77	11	1	22	0	1	1	113	0	0	0	0	0	0	0	0	4	4	0	0	0	0	0	8
19	3	1	5	0	0	0	28	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2
1	1	0	3	0	1	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	3	0	3	0	0	0	17	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
1	0	0	3	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
32	7	1	14	0	1	0	55	0	0	0	0	0	0	0	0	0	1	2	1	0	0	0	4
3	1	0	3	0	0	0	7	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
3	0	0	1	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
1	0	0	2	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	1	0	6	0	0	0	15	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2
252	53	14	268	0	3	5	595	0	0	0	0	0	0	0	0	28	19	24	29	0	0	0	100

RECEIVED: 01/03/2024

C => A								C => B								C => C							
CAR	LGV	OGV1	OGV2	PSV	M/C	P/C	TOT	CAR	LGV	OGV1	OGV2	PSV	M/C	P/C	TOT	CAR	LGV	OGV1	OGV2	PSV	M/C	P/C	TOT
1	1	0	2	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	1	5	0	0	0	6	0	1	1	1	0	0	0	3	0	0	0	0	0	0	0	0
1	0	0	5	0	0	0	6	1	0	0	2	0	0	0	3	0	0	0	0	0	0	0	0
0	1	0	3	0	0	0	4	1	0	0	3	0	0	0	4	0	0	0	0	0	0	0	0
2	2	1	15	0	0	0	20	2	1	1	6	0	0	0	10	0	0	0	0	0	0	0	0
3	0	1	10	0	0	0	14	0	0	1	4	0	0	0	5	0	0	0	0	0	0	0	0
0	2	0	6	0	0	0	8	0	0	2	5	0	0	0	7	0	0	0	0	0	0	0	0
3	1	0	3	0	0	0	7	0	0	0	5	0	0	0	5	0	0	0	0	0	0	0	0
3	3	0	4	0	0	0	10	1	0	0	1	0	0	0	2	0	0	0	0	0	0	0	0
9	6	1	23	0	0	0	39	1	0	3	15	0	0	0	19	0	0	0	0	0	0	0	0
2	1	0	8	0	0	0	11	1	0	0	1	0	0	0	2	0	0	0	0	0	0	0	0
0	0	0	4	0	0	0	4	0	2	0	3	0	0	0	5	0	0	0	0	0	0	0	0
3	1	1	7	0	0	0	12	0	0	0	4	0	0	0	4	0	0	0	0	0	0	0	0
7	2	2	4	0	0	0	15	1	1	2	3	0	0	0	7	0	0	0	0	0	0	0	0
12	4	3	23	0	0	0	42	2	3	2	11	0	0	0	18	0	0	0	0	0	0	0	0
2	1	1	8	0	0	0	12	0	0	1	3	0	0	0	4	0	0	0	0	0	0	0	0
1	0	0	9	0	0	0	10	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
1	2	0	5	0	0	0	8	0	0	1	3	0	0	0	4	0	0	0	0	0	0	0	0
3	0	1	10	0	0	0	14	0	0	2	3	0	0	0	5	0	0	0	0	0	0	0	0
7	3	2	32	0	0	0	44	1	0	4	9	0	0	0	14	0	0	0	0	0	0	0	0
2	0	2	5	0	0	0	9	2	0	0	2	0	0	0	4	0	0	0	0	0	0	0	0
2	0	2	1	0	0	0	5	2	0	1	1	0	0	0	4	0	0	0	0	0	0	0	0
3	1	0	9	0	0	0	13	0	1	0	1	0	0	0	2	0	0	0	0	0	0	0	0
3	0	0	9	0	0	0	12	1	0	0	2	0	0	0	3	0	0	0	0	0	0	0	0
10	1	4	24	0	0	0	39	5	1	1	6	0	0	0	13	0	0	0	0	0	0	0	0
4	0	1	4	0	0	0	9	3	0	2	1	0	0	0	6	0	0	0	0	0	0	0	0
1	0	0	7	0	0	0	8	0	0	0	3	0	0	0	3	0	0	0	0	0	0	0	0
5	0	0	4	0	0	0	9	1	0	0	2	0	0	0	3	0	0	0	0	0	0	0	0
7	1	0	9	1	0	0	18	0	0	2	0	0	0	0	2	0	0	0	0	0	0	0	0
17	1	1	24	1	0	0	44	4	0	4	6	0	0	0	14	0	0	0	0	0	0	0	0
15	2	1	9	0	0	0	27	0	1	1	1	0	0	0	3	0	0	0	0	0	0	0	0
9	2	1	1	0	0	0	13	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0
10	1	2	1	0	0	0	14	0	0	0	2	0	0	0	2	0	0	0	0	0	0	0	0
17	0	2	5	0	0	0	24	1	1	1	3	0	0	0	6	0	0	0	0	0	0	0	0
51	5	6	16	0	0	0	78	1	2	2	7	0	0	0	12	0	0	0	0	0	0	0	0
5	0	0	2	0	0	0	7	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
4	0	0	5	0	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	1	0	7	0	0	0	13	1	0	1	0	0	0	0	2	0	0	0	0	0	0	0	0
7	0	0	9	0	0	0	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	1	0	23	0	0	0	45	2	0	1	0	0	0	0	3	0	0	0	0	0	0	0	0
9	1	1	2	0	0	0	13	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0
8	4	0	7	0	0	0	19	2	0	1	0	0	0	0	3	0	0	0	0	0	0	0	0
11	2	1	1	0	0	0	15	4	0	1	2	0	0	0	7	0	0	0	0	0	0	0	0
4	3	1	2	0	0	0	10	0	1	0	1	0	0	0	2	0	0	0	0	0	0	0	0
32	10	3	12	0	0	0	57	6	1	2	4	0	0	0	13	0	0	0	0	0	0	0	0
4	0	0	4	0	0	0	8	2	2	0	1	0	0	0	5	0	0	0	0	0	0	0	0
8	2	0	7	0	0	0	17	5	0	0	1	0	0	0	6	0	0	0	0	0	0	0	0
39	9	0	5	0	0	0	53	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0
17	3	0	3	0	0	0	23	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0
68	14	0	19	0	0	0	101	7	2	2	2	0	0	0	13	0	0	0	0	0	0	0	0
25	0	0	4	0	0	0	29	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0
16	2	0	4	0	0	0	22	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0
13	0	1	5	0	0	0	19	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
4	1	0	1	0	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
58	3	1	14	0	0	0	76	1	1	0	1	0	0	0	3	0	0	0	0	0	0	0	0
7	1	0	7	0	0	1	16	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
8	1	1	0	0	0	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	2	0	0	0	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	2	1	2	0	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	6	2	9	0	0	1	41	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
310	56	24	234	1	0	1	626	33	11	22	67	0	0	0	133	0	0	0	0	0	0	0	0

Irish Traffic Surveys LTD

Survey Name : ITS J-737 Slieverue
Site: Junction Turn Count Survey
Date: 23.05.23
Time: 07:00-19:00
Location: [N29 / L3412 / L7482 crossroads junction/Slieverue/Kilkenny](#)
Classification: Car, LGV, OGV1, OGV2, PSV, MC, PC

Site 3 - Cam S37



Mapping Image



Irish Traffic Surveys

Date: 23.05.23
Time Period: 07:00-19:00
Junction Type: 4-Arm
Reporting Interval: 15min
Classification scheme: Car, LGV, OGV1, OGV2, PSV, MC, PC
Queues Required: No
Pedestrian required: No

Irish Traffic Surveys LTD

Survey Name : ITS J-737 Slieverue
 Site: Junction Turn Count Survey
 Date: 23.05.23
 Time: 07:00-19:00
 Location: N29 / L3412 / L7482 crossroads junction/Slieverue/Kilkenny
 Classification: Car, LGV, OGV1, OGV2, PSV, MC, PC



Irish Traffic Surveys

RECEIVED: 01/03/2024

TIME	A => A								A => B								A => C								A => D							
	CAR	LGV	OGV1	OGV2	PSV	M/C	P/C	TOT	CAR	LGV	OGV1	OGV2	PSV	M/C	P/C	TOT	CAR	LGV	OGV1	OGV2	PSV	M/C	P/C	TOT	CAR	LGV	OGV1	OGV2	PSV	M/C	P/C	TOT
07:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	1	1	6	0	0	0	11	0	0	0	0	0	0	0	0
07:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	0	2	8	0	0	0	18	0	0	0	0	0	0	0	0
07:30	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1	3	18	3	1	9	0	0	0	31	0	0	0	0	0	0	0	0
07:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	12	0	1	8	0	0	0	21	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	0	1	0	0	0	1	2	4	41	4	5	31	0	0	0	81	0	0	0	0	0	0	0	0
08:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	1	12	0	0	0	17	0	0	0	0	0	0	0	0
08:15	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	1	2	0	10	0	0	0	13	0	0	0	0	0	0	0	0
08:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	12	0	0	0	16	0	0	0	0	0	0	0	0
08:45	0	0	0	0	0	0	0	0	3	2	0	0	0	0	0	5	4	1	0	11	0	0	0	16	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	4	2	0	0	0	0	0	6	11	5	1	45	0	0	0	62	0	0	0	0	0	0	0	0
09:00	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	3	2	1	19	0	0	0	25	0	0	0	0	0	0	0	0
09:15	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	2	0	0	11	0	0	0	13	0	0	0	0	0	0	0	0
09:30	0	0	0	0	0	0	0	0	2	0	1	0	0	0	0	3	2	1	1	15	0	0	0	19	0	0	0	0	0	0	0	0
09:45	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	10	4	2	10	0	0	0	26	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	4	1	1	0	0	0	0	6	17	7	4	55	0	0	0	83	0	0	0	0	0	0	0	0
10:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	3	0	11	0	0	0	19	0	0	0	0	0	0	0	0
10:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	1	14	0	0	0	19	0	0	0	0	0	0	0	0
10:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	3	0	10	0	0	0	18	0	0	0	0	0	0	0	0
10:45	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	4	4	2	1	18	0	0	0	25	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	1	3	0	0	0	0	0	4	16	10	2	53	0	0	0	81	0	0	0	0	0	0	0	0
11:00	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	4	2	0	4	9	0	0	0	15	0	0	0	0	0	0	0	0
11:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	10	0	0	0	16	0	0	0	0	0	0	0	0
11:30	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	7	0	0	17	0	0	0	24	0	0	0	0	0	0	0	0
11:45	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	3	1	0	11	0	0	0	15	0	0	0	1	0	0	0	1
H/TOT	0	0	0	0	0	0	0	0	6	0	0	0	0	0	0	6	14	3	6	47	0	0	0	70	0	0	0	1	0	0	0	1
12:00	0	0	0	0	0	0	0	0	2	0	1	0	0	0	0	3	5	1	0	12	0	0	0	18	0	0	0	0	0	0	0	0
12:15	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	2	2	0	0	15	0	0	0	17	0	0	0	0	0	0	0	0
12:30	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	4	1	0	7	0	0	0	12	0	0	0	0	0	0	0	0
12:45	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2	15	2	1	21	0	0	0	39	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	6	0	1	1	0	0	0	8	26	4	1	55	0	0	0	86	0	0	0	0	0	0	0	0
13:00	0	0	0	0	0	0	0	0	3	0	0	0	0	0	1	4	17	2	1	14	1	0	0	35	1	0	0	1	0	0	0	2
13:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13	3	1	4	0	0	0	21	1	0	0	0	0	0	0	1
13:30	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	15	1	3	8	0	0	0	27	1	0	0	0	0	0	0	1
13:45	0	0	0	0	0	0	0	0	3	0	1	0	0	0	0	4	17	3	2	9	0	0	0	31	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	7	0	1	0	0	0	1	9	62	9	7	35	1	0	0	114	3	0	0	1	0	0	0	4
14:00	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	4	10	1	1	12	0	0	1	25	0	0	0	0	0	0	0	0
14:15	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	2	7	2	0	16	0	0	0	25	0	0	0	0	0	0	0	0
14:30	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	4	1	0	16	0	0	0	21	0	0	0	0	0	0	0	0
14:45	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	2	9	0	0	10	0	0	0	19	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	5	2	0	2	0	0	0	9	30	4	1	54	0	0	1	90	0	0	0	0	0	0	0	0
15:00	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2	7	0	1	9	0	0	0	17	0	0	0	0	0	0	0	0
15:15	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	14	4	1	13	0	0	0	32	0	1	0	0	0	0	0	1
15:30	0	0	0	0	0	0	0	0	3	1	0	0	0	0	0	4	13	0	1	9	0	0	0	23	0	0	0	0	0	0	0	0
15:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	3	1	8	0	0	0	23	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	6	1	0	0	0	0	0	7	45	7	4	39	0	0	0	95	0	1	0	0	0	0	0	1
16:00	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	3	23	5	0	7	0	1	0	36	0	0	0	0	0	0	0	0
16:15	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	2	12	5	0	9	0	0	0	26	0	0	0	0	0	0	0	0
16:30	0	0	0	0	0	0	0	0	6	1	0	0	0	0	1	8	62	8	0	11	0	0	0	81	0	0	0	0	0	0	0	0
16:45	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	4	31	5	0	11	0	0	0	47	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	14	1	0	1	0	0	1	17	128	23	0	38	0	1	0	190	0	0	0	0	0	0	0	0
17:00	0	0	0	0	0	0	0	0	6	0	0	0	0	0	0	6	38	4	2	10	0	0	0	54	0	0	0	0	0	0	0	0
17:15	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2	15	3	0	8	0	0	0	26	0	0	0	0	0	0	0	0
17:30	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2	22	4	1	8	0	0	0	35	0	0	0	0	0	0	0	0
17:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	1	0	4	0	0	0	10	0	0	0	0	0	0	0	0
H/TOT	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	10	80	12	3	30	0	0	0	125	0	0	0	0	0	0	0	0

RECEIVED: 01/03/2024

B ==> A							B ==> B							B ==> C							B ==> D											
CAR	LGV	OGV1	OGV2	PSV	M/C	P/C	TOT	CAR	LGV	OGV1	OGV2	PSV	M/C	P/C	TOT	CAR	LGV	OGV1	OGV2	PSV	M/C	P/C	TOT	CAR	LGV	OGV1	OGV2	PSV	M/C	P/C	TOT	
1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	11	1	0	0	4	0	0	0	16	0	0	0	0	0	0	0	
3	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	1	0	1	6	0	0	0	8	0	0	0	0	0	0	0	0	
4	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	4	2	0	3	0	0	0	9	0	0	0	0	0	0	0	0	
3	1	0	0	0	0	0	4	0	0	0	0	0	0	0	0	5	2	0	5	0	0	0	12	1	0	0	0	0	0	0	1	
11	1	0	0	0	0	0	12	0	0	0	0	0	0	0	0	21	5	1	18	0	0	0	45	1	0	0	0	0	0	0	1	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	1	0	5	0	0	0	11	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	1	6	0	0	0	10	0	0	0	0	0	0	0	0	
1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	9	2	0	4	0	0	0	15	1	0	0	1	0	0	0	2	
2	1	0	0	0	0	0	3	0	0	0	0	0	0	0	0	11	1	0	3	0	0	0	15	2	0	0	0	0	0	0	2	
3	1	0	0	0	0	0	4	0	0	0	0	0	0	0	0	28	4	1	18	0	0	0	51	3	0	0	1	0	0	0	4	
2	3	0	0	0	0	0	5	0	0	0	0	0	0	0	0	6	3	0	3	0	0	0	12	0	0	0	0	0	0	0	0	
1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	1	1	3	0	0	0	6	1	0	0	0	0	0	0	1	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	1	0	0	0	0	4	0	0	0	0	0	0	0	0	
0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	1	2	0	5	0	0	0	8	0	0	0	0	0	0	0	0	
3	3	0	1	0	0	0	7	0	0	0	0	0	0	0	0	10	7	2	11	0	0	0	30	1	0	0	0	0	0	0	1	
1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	6	4	0	7	0	0	0	17	1	0	0	0	0	0	0	1	
3	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	2	4	1	5	0	0	0	12	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	4	2	2	0	0	0	10	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	2	0	2	0	0	0	7	1	0	0	0	0	0	0	1	
4	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	13	14	3	16	0	0	0	46	2	0	0	0	0	0	0	2	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	1	5	0	0	0	9	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	1	0	0	0	5	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	1	1	4	0	0	0	9	0	1	0	0	0	0	0	1	
0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	3	3	2	1	0	0	0	9	0	0	0	0	0	0	0	0	
0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	10	7	4	11	0	0	0	32	0	1	0	0	0	0	0	1	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	5	0	0	0	10	0	0	0	0	0	0	0	0	
1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	6	2	0	4	0	0	0	12	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	1	1	3	0	0	0	10	2	0	0	0	0	0	0	2	
2	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	9	0	1	3	0	1	0	14	1	1	0	0	0	0	0	2	
3	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	25	3	2	15	0	1	0	46	3	1	0	0	0	0	0	4	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	8	0	5	0	0	0	24	0	0	0	0	0	0	0	0	
1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	9	1	0	4	0	0	0	14	2	0	0	0	0	0	0	2	
1	1	0	0	0	0	0	2	2	0	0	0	0	0	0	0	10	5	1	1	0	0	0	17	1	0	0	0	0	0	0	1	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12	7	0	1	0	0	0	20	0	1	0	0	0	1	0	2	
2	1	0	0	0	0	0	3	0	0	0	0	0	0	0	0	42	21	1	11	0	0	0	75	3	1	0	0	0	0	1	0	5
2	1	0	0	0	0	0	3	0	0	0	0	0	0	0	0	8	0	0	4	0	0	0	12	1	0	0	0	0	0	0	1	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	2	1	4	0	0	0	11	2	0	0	0	0	0	0	2	
1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	11	1	0	1	0	0	0	13	2	0	0	0	0	0	0	2	
2	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	4	2	0	2	0	0	0	8	0	0	0	0	0	0	0	0	
5	1	0	0	0	0	0	6	0	0	0	0	0	0	0	0	27	5	1	11	0	0	0	44	5	0	0	0	0	0	0	5	
0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	3	3	1	4	0	0	0	11	0	0	0	0	0	0	0	0	
2	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	5	3	0	3	0	0	0	11	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	4	2	0	0	0	0	11	2	0	0	0	0	0	0	2	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	3	2	3	0	0	0	14	0	0	0	0	0	0	0	0	
2	1	0	0	0	0	0	3	0	0	0	0	0	0	0	0	18	13	5	10	0	0	0	46	2	0	0	0	0	0	0	2	
2	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	8	5	1	4	0	0	0	18	3	0	0	0	0	0	0	3	
1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	10	5	1	4	0	1	0	21	0	0	0	0	0	0	0	0	
0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	27	9	0	6	0	0	0	42	2	1	0	0	0	0	0	3	
0	1	0	1	0	0	0	2	2	0	0	0	0	0	0	0	13	3	0	5	0	0	0	21	4	0	0	0	0	0	0	4	
3	1	1	1	0	0	0	6	0	0	0	0	0	0	0	0	58	22	2	19	0	1	0	102	9	1	0	0	0	0	0	10	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	26	6	0	7	0	0	0	39	3	2	0	0	0	0	0	5	
2	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	15	6	0	5	0	0	0	26	1	0	0	0	0	0	0	1	
3	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	50	13	0	3	0	0	2	68	2	0	0	0	0	0	0	2	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13	6	0	6	0	0	0	25	1	0	0	0	0	0	0	1	
5	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	104	31	0	21	0	0	2	158	7	2	0	0	0	0	0	9	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	2	0	4	0	0	0	21	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	4	1	3	0	0	0	16	1	0	0	0	0	0	0	1	
1	0	0	0	0	0	1	2	0	0	0	0	0	0	0	0	10	3	0	4	0	0	0	17	1	0	0	0	0	0	0	1	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	3	0	3	0	0	0	11	1	0	0	0	0	0	0	1	
1	0	0	0	0	0	1	2	0	0	0	0	0	0	0	0	38	12	1	14	0	0	0	65	3	0	0	0	0	0	0	3	
42	9	2	2	0	0	1	56	0	0	0	0	0	0	0	0	394	144	23	175	0	2	2	740	39	6	0	1	0	1	0	47	

RECEIVED: 01/03/2024

C ==> A							C ==> B							C ==> C							C ==> D											
CAR	LGV	OGV1	OGV2	PSV	M/C	P/C	TOT	CAR	LGV	OGV1	OGV2	PSV	M/C	P/C	TOT	CAR	LGV	OGV1	OGV2	PSV	M/C	P/C	TOT	CAR	LGV	OGV1	OGV2	PSV	M/C	P/C	TOT	
31	3	2	9	0	1	0	46	15	8	1	3	0	0	0	27	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	
26	11	2	10	0	2	1	52	23	26	1	5	0	0	0	55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
22	7	1	12	0	0	0	42	40	14	0	2	0	0	0	56	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
47	4	0	8	0	0	0	59	38	12	1	1	0	2	0	54	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	
126	25	5	39	0	3	1	199	116	60	3	11	0	2	0	192	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2
27	4	0	12	0	0	0	43	18	6	1	6	0	0	0	31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
14	1	0	9	0	0	0	24	9	3	0	1	0	0	0	13	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	
27	1	1	14	0	0	0	43	4	4	0	3	0	0	0	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
29	8	1	19	0	0	0	57	12	2	0	2	0	0	0	16	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	
97	14	2	54	0	0	0	167	43	15	1	12	0	0	0	71	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2
16	3	0	8	0	0	0	27	6	1	0	4	0	0	0	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
21	3	0	14	0	0	0	38	2	2	0	2	0	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
9	2	0	9	0	0	0	20	3	1	2	6	0	0	0	12	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	
5	4	1	16	0	0	0	26	5	1	0	4	0	0	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
51	12	1	47	0	0	0	111	16	5	2	16	0	0	0	39	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
11	0	0	11	0	0	0	22	3	1	0	7	0	0	0	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
10	1	2	14	0	0	0	27	3	3	0	3	0	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	2	1	15	0	0	0	23	3	9	0	2	0	0	0	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
8	1	0	12	0	0	0	21	4	4	0	3	0	0	0	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
34	4	3	52	0	0	0	93	13	17	0	15	0	0	0	45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	1	2	17	0	0	0	23	5	5	0	6	0	0	0	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	8	0	0	0	13	4	2	2	2	0	0	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
7	1	0	16	0	0	0	24	3	2	4	4	0	0	0	13	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	
10	1	0	12	0	0	0	23	4	0	1	1	0	0	0	6	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2	
25	3	2	53	0	0	0	83	16	9	7	13	0	0	0	45	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	3
4	1	0	13	0	0	0	18	2	1	0	1	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2	0	1	13	0	0	0	16	1	0	0	3	0	0	0	4	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	
3	1	1	9	0	1	0	15	8	2	0	5	0	0	0	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	1	1	17	1	0	0	25	4	1	1	1	0	1	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
14	3	3	52	1	1	0	74	15	4	1	10	0	1	0	31	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
5	2	0	13	0	0	0	20	6	3	0	5	0	0	0	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
17	2	1	9	0	0	0	29	9	3	0	4	0	0	0	16	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	
6	3	2	12	0	0	0	23	10	3	0	2	0	0	0	15	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	
18	5	1	10	0	0	0	34	8	8	1	3	0	0	0	20	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	
46	12	4	44	0	0	0	106	33	17	1	14	0	0	0	65	1	0	0	0	0	0	0	0	1	2	0	0	0	0	0	0	2
9	1	1	15	0	0	0	26	8	0	1	5	0	0	0	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
10	2	0	8	0	0	0	20	5	3	1	2	0	0	0	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
6	1	2	8	0	0	0	17	3	0	0	2	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
7	0	0	13	0	0	0	20	14	1	1	6	0	0	0	22	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	
32	4	3	44	0	0	0	83	30	4	3	15	0	0	0	52	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
2	2	1	10	0	0	0	15	2	1	0	3	0	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	2	0	10	0	0	0	17	3	2	1	6	0	0	0	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
7	0	1	6	0	0	0	14	6	1	0	4	0	0	0	11	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	
3	0	1	4	0	0	0	8	3	1	0	3	0	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
17	4	3	30	0	0	0	54	14	5	1	16	0	0	0	36	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
2	0	0	13	0	0	0	15	5	1	2	11	0	0	0	19	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	
6	3	0	12	0	0	0	21	4	1	0	5	0	0	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	1	1	7	0	0	0	14	6	1	0	2	0	0	0	9	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	
4	0	0	2	0	0	0	6	5	1	1	5	0	0	0	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
17	4	1	34	0	0	0	56	20	4	3	23	0	0	0	50	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2
0	0	2	7	0	0	0	9	2	3	0	2	0	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2	0	0	6	0	0	0	8	7	0	0	3	0	0	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
3	0	0	2	0	0	0	5	2	0	0	3	0	0	0	5	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0	3	
2	0	0	6	0	0	0</																										

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APPENDIX 14-2

Existing Entrance to Smartply Europe - AM Peak Hour Flows

2023 AM Peak - Existing Flows

From / To	Industrial Access Rd (south)	Development Access Rd	Industrial Access Rd (north)	Totals
Industrial Access Rd (south)	0	27	85	112
Development Access Rd	8	0	2	10
Industrial Access Rd (north)	39	3	0	42
Totals	47	30	87	164

AM Peak - Development Flows

From / To	Industrial Access Rd (south)	Development Access Rd	Industrial Access Rd (north)	Totals
Industrial Access Rd (south)	0	57	0	57
Development Access Rd	57	0	0	57
Industrial Access Rd (north)	0	0	0	0
Totals	57	57	0	114

2025 AM Peak - No Development (Flows + 3.78%)

From / To	Industrial Access Rd (south)	Development Access Rd	Industrial Access Rd (north)	Totals
Industrial Access Rd (south)	0	28	88	116
Development Access Rd	8	0	2	10
Industrial Access Rd (north)	40	3	0	44
Totals	49	31	90	170

2025 AM Peak - With Development

From / To	Industrial Access Rd (south)	Development Access Rd	Industrial Access Rd (north)	Totals
Industrial Access Rd (south)	0	85	88	173
Development Access Rd	65	0	2	67
Industrial Access Rd (north)	40	3	0	44
Totals	106	88	90	284

2030 AM Peak - No Development (Existing Flows + 13.91%)

From / To	Industrial Access Rd (south)	Development Access Rd	Industrial Access Rd (north)	Totals
Industrial Access Rd (south)	0	31	97	128
Development Access Rd	9	0	2	11
Industrial Access Rd (north)	44	3	0	48
Totals	54	34	99	187

2030 AM Peak - With Development

From / To	Industrial Access Rd (south)	Development Access Rd	Industrial Access Rd (north)	Totals
Industrial Access Rd (south)	0	88	97	185
Development Access Rd	66	0	2	68
Industrial Access Rd (north)	44	3	0	48
Totals	111	91	99	301

2040 AM Peak - No Development (Existing Flows + 24.75%)

From / To	Industrial Access Rd (south)	Development Access Rd	Industrial Access Rd (north)	Totals
Industrial Access Rd (south)	0	34	106	140
Development Access Rd	10	0	2	12
Industrial Access Rd (north)	49	4	0	52
Totals	59	37	109	205

2040 AM Peak - With Development

From / To	Industrial Access Rd (south)	Development Access Rd	Industrial Access Rd (north)	Totals
Industrial Access Rd (south)	0	91	106	197
Development Access Rd	67	0	2	69
Industrial Access Rd (north)	49	4	0	52
Totals	116	94	109	319

Existing Entrance to Smartply Europe - PM Peak Hour Flows

2023 PM Peak - Existing Flows

From / To	Industrial Access Rd (south)	Development Access Rd	Industrial Access Rd (north)	Totals
Industrial Access Rd (south)	0	7	16	23
Development Access Rd	37	0	4	41
Industrial Access Rd (north)	47	4	0	51
Totals	84	11	20	115

PM Peak - Development Flows

From / To	Industrial Access Rd (south)	Development Access Rd	Industrial Access Rd (north)	Totals
Industrial Access Rd (south)	0	53	0	53
Development Access Rd	53	0	0	53
Industrial Access Rd (north)	0	0	0	0
Totals	53	53	0	106

2025 PM Peak - No Development (Flows + 3.78%)

From / To	Industrial Access Rd (south)	Development Access Rd	Industrial Access Rd (north)	Totals
Industrial Access Rd (south)	0	7	17	24
Development Access Rd	38	0	4	43
Industrial Access Rd (north)	49	4	0	53
Totals	87	11	21	119

2025 PM Peak - With Development

From / To	Industrial Access Rd (south)	Development Access Rd	Industrial Access Rd (north)	Totals
Industrial Access Rd (south)	0	60	17	77
Development Access Rd	91	0	4	96
Industrial Access Rd (north)	49	4	0	53
Totals	140	64	21	225

2030 PM Peak - No Development (Existing Flows + 13.91%)

From / To	Industrial Access Rd (south)	Development Access Rd	Industrial Access Rd (north)	Totals
Industrial Access Rd (south)	0	8	18	26
Development Access Rd	42	0	5	47
Industrial Access Rd (north)	54	5	0	58
Totals	96	13	23	131

2030 PM Peak - With Development

From / To	Industrial Access Rd (south)	Development Access Rd	Industrial Access Rd (north)	Totals
Industrial Access Rd (south)	0	61	18	79
Development Access Rd	95	0	5	100
Industrial Access Rd (north)	54	5	0	58
Totals	149	66	23	237

2040 PM Peak - No Development (Existing Flows + 24.75%)

From / To	Industrial Access Rd (south)	Development Access Rd	Industrial Access Rd (north)	Totals
Industrial Access Rd (south)	0	9	20	29
Development Access Rd	46	0	5	51
Industrial Access Rd (north)	59	5	0	64
Totals	105	14	25	143

2040 PM Peak - With Development

From / To	Industrial Access Rd (south)	Development Access Rd	Industrial Access Rd (north)	Totals
Industrial Access Rd (south)	0	62	20	82
Development Access Rd	99	0	5	104
Industrial Access Rd (north)	59	5	0	64
Totals	158	67	25	249

Existing N29 / Industrial Access Road Priority Junction - AM Peak Hour Flows**2023 AM Peak - Existing Flows**

From / To	N29 (west)	Industrial Access Rd	N29 (east)	Totals
N29 (west)	0	135	81	216
Industrial Access Rd	51	0	10	61
N29 (east)	20	10	0	30
Totals	71	145	91	307

AM Peak - Development flows

From / To	N29 (west)	Industrial Access Rd	N29 (east)	Totals
N29 (west)	0	23	0	23
Industrial Access Rd	23	0	34	57
N29 (east)	0	34	0	34
Totals	23	57	34	114

2025 AM Peak - No Development (Flows + 3.78%)

From / To	N29 (west)	Industrial Access Rd	N29 (east)	Totals
N29 (west)	0	140	84	224
Industrial Access Rd	53	0	10	63
N29 (east)	21	10	0	31
Totals	74	150	94	319

2025 AM Peak - With Development

From / To	N29 (west)	Industrial Access Rd	N29 (east)	Totals
N29 (west)	0	163	84	247
Industrial Access Rd	76	0	44	120
N29 (east)	21	44	0	65
Totals	97	207	128	433

2030 AM Peak - No Development (Existing Flows + 13.91%)

From / To	N29 (west)	Industrial Access Rd	N29 (east)	Totals
N29 (west)	0	154	92	246
Industrial Access Rd	58	0	11	69
N29 (east)	23	11	0	34
Totals	81	165	104	350

2030 AM Peak - With Development

From / To	N29 (west)	Industrial Access Rd	N29 (east)	Totals
N29 (west)	0	177	92	269
Industrial Access Rd	81	0	45	126
N29 (east)	23	45	0	68
Totals	104	222	138	464

2040 AM Peak - No Development (Existing Flows + 24.75%)

From / To	N29 (west)	Industrial Access Rd	N29 (east)	Totals
N29 (west)	0	168	101	269
Industrial Access Rd	64	0	12	76
N29 (east)	25	12	0	37
Totals	89	181	114	383

2040 AM Peak - With Development

From / To	N29 (west)	Industrial Access Rd	N29 (east)	Totals
N29 (west)	0	191	101	292
Industrial Access Rd	87	0	46	133
N29 (east)	25	46	0	71
Totals	112	238	148	497

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Existing N29 / Industrial Access Road Priority Junction - PM Peak Hour Flows**2023 PM Peak - Existing Flows**

From / To	N29 (west)	Industrial Access Rd	N29 (east)	Totals
N29 (west)	0	23	29	52
Industrial Access Rd	111	0	9	120
N29 (east)	122	9	0	131
Totals	233	32	38	303

PM Peak - Development flows

From / To	N29 (west)	Industrial Access Rd	N29 (east)	Totals
N29 (west)	0	19	0	19
Industrial Access Rd	19	0	34	53
N29 (east)	0	34	0	34
Totals	19	53	34	106

2025 PM Peak - No Development (Flows + 3.78%)

From / To	N29 (west)	Industrial Access Rd	N29 (east)	Totals
N29 (west)	0	24	30	54
Industrial Access Rd	115	0	9	125
N29 (east)	127	9	0	136
Totals	242	33	39	314

2025 PM Peak - With Development

From / To	N29 (west)	Industrial Access Rd	N29 (east)	Totals
N29 (west)	0	43	30	73
Industrial Access Rd	134	0	43	178
N29 (east)	127	43	0	170
Totals	261	86	73	420

2030 PM Peak - No Development (Existing Flows + 13.91%)

From / To	N29 (west)	Industrial Access Rd	N29 (east)	Totals
N29 (west)	0	26	33	59
Industrial Access Rd	126	0	10	137
N29 (east)	139	10	0	149
Totals	265	36	43	345

2030 PM Peak - With Development

From / To	N29 (west)	Industrial Access Rd	N29 (east)	Totals
N29 (west)	0	45	33	78
Industrial Access Rd	145	0	44	190
N29 (east)	139	44	0	183
Totals	284	89	77	451

2040 PM Peak - No Development (Existing Flows + 24.75%)

From / To	N29 (west)	Industrial Access Rd	N29 (east)	Totals
N29 (west)	0	29	36	65
Industrial Access Rd	138	0	11	150
N29 (east)	152	11	0	163
Totals	291	40	47	378

2040 PM Peak - With Development

From / To	N29 (west)	Industrial Access Rd	N29 (east)	Totals
N29 (west)	0	48	36	84
Industrial Access Rd	157	0	45	203
N29 (east)	152	45	0	197
Totals	310	93	81	484

Existing N29 / L3412 / L7485 Crossroads Junction - AM Peak Hour Flows

2023 AM Peak - Existing Flows

From / To	N29 (west)	L7485	N29 (east)	L3412	Totals
N29 (west)	0	2	198	192	392
L7485	4	0	3	4	11
N29 (east)	81	0	0	2	83
L3412	45	1	12	0	58
Totals	130	3	213	198	544

AM Peak - Development flows

From / To	N29 (west)	L7485	N29 (east)	L3412	Totals
N29 (west)	0	0	23	0	23
L7485	0	0	0	0	0
N29 (east)	23	0	0	0	23
L3412	0	0	0	0	0
Totals	23	0	23	0	46

2025 AM Peak - No Development (Flows + 3.78%)

From / To	N29 (west)	L7485	N29 (east)	L3412	Totals
N29 (west)	0	2	205	199	407
L7485	4	0	3	4	11
N29 (east)	84	0	0	2	86
L3412	47	1	12	0	60
Totals	135	3	221	205	565

2025 AM Peak - With Development

From / To	N29 (west)	L7485	N29 (east)	L3412	Totals
N29 (west)	0	2	228	199	430
L7485	4	0	3	4	11
N29 (east)	107	0	0	2	109
L3412	47	1	12	0	60
Totals	158	3	244	205	611

2030 AM Peak - No Development (Existing Flows + 13.91%)

From / To	N29 (west)	L7485	N29 (east)	L3412	Totals
N29 (west)	0	2	226	219	447
L7485	5	0	3	5	13
N29 (east)	92	0	0	2	95
L3412	51	1	14	0	66
Totals	148	3	243	226	620

2030 AM Peak - With Development

From / To	N29 (west)	L7485	N29 (east)	L3412	Totals
N29 (west)	0	2	249	219	470
L7485	5	0	3	5	13
N29 (east)	115	0	0	2	118
L3412	51	1	14	0	66
Totals	171	3	266	226	666

2040 AM Peak - No Development (Existing Flows + 24.75%)

From / To	N29 (west)	L7485	N29 (east)	L3412	Totals
N29 (west)	0	2	247	240	489
L7485	5	0	4	5	14
N29 (east)	101	0	0	2	104
L3412	56	1	15	0	72
Totals	162	4	266	247	679

2040 AM Peak - With Development

From / To	N29 (west)	L7485	N29 (east)	L3412	Totals
N29 (west)	0	2	270	240	512
L7485	5	0	4	5	14
N29 (east)	124	0	0	2	127
L3412	56	1	15	0	72
Totals	185	4	289	247	725

Existing N29 / L3412 / L7485 Crossroads Junction - PM Peak Hour Flows

2023 PM Peak - Existing Flows

From / To	N29 (west)	L7485	N29 (east)	L3412	Totals
N29 (west)	0	1	50	38	89
L7485	5	0	0	2	7
N29 (east)	208	0	0	19	227
L3412	123	12	4	0	139
Totals	336	13	54	59	462

PM Peak - Development flows

From / To	N29 (west)	L7485	N29 (east)	L3412	Totals
N29 (west)	0	0	19	0	19
L7485	0	0	0	0	0
N29 (east)	19	0	0	0	19
L3412	0	0	0	0	0
Totals	19	0	19	0	38

2025 PM Peak - No Development (Flows + 3.78%)

From / To	N29 (west)	L7485	N29 (east)	L3412	Totals
N29 (west)	0	1	52	39	92
L7485	5	0	0	2	7
N29 (east)	216	0	0	20	236
L3412	128	12	4	0	144
Totals	349	13	56	61	479

2025 PM Peak - With Development

From / To	N29 (west)	L7485	N29 (east)	L3412	Totals
N29 (west)	0	1	71	39	111
L7485	5	0	0	2	7
N29 (east)	235	0	0	20	255
L3412	128	12	4	0	144
Totals	368	13	75	61	517

2030 PM Peak - No Development (Existing Flows + 13.91%)

From / To	N29 (west)	L7485	N29 (east)	L3412	Totals
N29 (west)	0	1	57	43	101
L7485	6	0	0	2	8
N29 (east)	237	0	0	22	259
L3412	140	14	5	0	158
Totals	383	15	62	67	526

2030 PM Peak - With Development

From / To	N29 (west)	L7485	N29 (east)	L3412	Totals
N29 (west)	0	1	76	43	120
L7485	6	0	0	2	8
N29 (east)	256	0	0	22	278
L3412	140	14	5	0	158
Totals	402	15	81	67	564

2040 PM Peak - No Development (Existing Flows + 24.75%)

	N29 (west)	L7485	N29 (east)	L3412	Totals
N29 (west)	0	1	62	47	111
L7485	6	0	0	2	9
N29 (east)	259	0	0	24	283
L3412	153	15	5	0	173
Totals	419	16	67	74	576

2040 PM Peak - With Development

From / To	N29 (west)	L7485	N29 (east)	L3412	Totals
N29 (west)	0	1	81	47	130
L7485	6	0	0	2	9
N29 (east)	278	0	0	24	302
L3412	153	15	5	0	173
Totals	438	16	86	74	614

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APPENDIX 14-3

Junctions 9	
PICADY 9 - Priority Intersection Module	
Version: 9.5.0.6896 © Copyright TRL Limited, 2018	
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Filename: Existing L7582 Industrial Access Rd-development Access Rd Priority Junction.j9

Path: S:\Jobs\2023\23063 Slieverue, Co. Kilkenny TIA\23063-01\Reports\Working\PICADY

Report generation date: 16/06/2023 15:18:16

»2023, AM
 »2023, PM
 »2025 no dev, AM
 »2025 no dev, PM
 »2025 with dev, AM
 »2025 with dev, PM
 »2030 no dev, AM
 »2030 no dev, PM
 »2030 with dev, AM
 »2030 with dev, PM
 »2040 no dev, AM
 »2040 no dev, PM
 »2040 with dev, AM
 »2040 with dev, PM

Summary of junction performance

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	AM				PM			
	Queue (Veh)	Delay (s)	RFC	LOS	Queue (Veh)	Delay (s)	RFC	LOS
2023								
Stream B-AC	0.0	8.03	0.02	A	0.1	8.57	0.10	A
Stream C-AB	0.0	6.59	0.01	A	0.0	6.37	0.01	A
2025 no dev								
Stream B-AC	0.0	8.05	0.02	A	0.1	8.61	0.10	A
Stream C-AB	0.0	6.59	0.01	A	0.0	6.37	0.01	A
2025 with dev								
Stream B-AC	0.2	10.02	0.17	B	0.3	10.33	0.23	B
Stream C-AB	0.0	6.76	0.01	A	0.0	6.46	0.01	A
2030 no dev								
Stream B-AC	0.0	8.17	0.03	A	0.1	8.73	0.11	A
Stream C-AB	0.0	6.59	0.01	A	0.0	6.35	0.01	A
2030 with dev								
Stream B-AC	0.2	10.14	0.17	B	0.3	10.51	0.24	B
Stream C-AB	0.0	6.76	0.01	A	0.0	6.45	0.01	A
2040 no dev								
Stream B-AC	0.0	8.29	0.03	A	0.1	8.87	0.12	A
Stream C-AB	0.0	6.60	0.01	A	0.0	6.33	0.01	A
2040 with dev								
Stream B-AC	0.2	10.28	0.18	B	0.3	10.70	0.25	B
Stream C-AB	0.0	6.77	0.01	A	0.0	6.43	0.01	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	
Location	
Site number	
Date	16/06/2023
Version	
Status	(new file)
Identifier	
Client	
Jobnumber	
Enumerator	ROADPLAN01jbyrne
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	Veh	Veh	perHour	s	-Min	perMin

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	2023	AM	ONE HOUR	06:45	08:15	15	✓
D2	2023	PM	ONE HOUR	16:00	17:30	15	✓
D3	2025 no dev	AM	ONE HOUR	06:45	08:15	15	✓
D4	2025 no dev	PM	ONE HOUR	16:00	17:30	15	✓
D5	2025 with dev	AM	ONE HOUR	06:45	08:15	15	✓
D6	2025 with dev	PM	ONE HOUR	16:00	17:30	15	✓
D7	2030 no dev	AM	ONE HOUR	06:45	08:15	15	✓
D8	2030 no dev	PM	ONE HOUR	16:00	17:30	15	✓
D9	2030 with dev	AM	ONE HOUR	06:45	08:15	15	✓
D10	2030 with dev	PM	ONE HOUR	16:00	17:30	15	✓
D11	2040 no dev	AM	ONE HOUR	06:45	08:15	15	✓
D12	2040 no dev	PM	ONE HOUR	16:00	17:30	15	✓
D13	2040 with dev	AM	ONE HOUR	06:45	08:15	15	✓
D14	2040 with dev	PM	ONE HOUR	16:00	17:30	15	✓

Analysis Set Details

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

2023, AM

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Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Major road direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	untitled	T-Junction	Two-way		0.62	A

Junction Network Options

Driving side	Lighting
Left	Normal/unknown

Arms

Arms

Arm	Name	Description	Arm type
A	untitled		Major
B	untitled		Minor
C	untitled		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	7.00			50.0	✓	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	3.50	15	15

Slope / Intercept / Capacity

Priority Intersection Slopes and Intercepts

Junction	Stream	Intercept (Veh/hr)	Slope for A-B	Slope for A-C	Slope for C-A	Slope for C-B
1	B-A	514	0.090	0.227	0.143	0.324
1	B-C	665	0.098	0.246	-	-
1	C-B	603	0.223	0.223	-	-

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	2023	AM	ONE HOUR	06:45	08:15	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 (Veh/hr)	Scaling Factor (%)
A		ONE HOUR	✓	112	100.000
B		ONE HOUR	✓	10	100.000
C		ONE HOUR	✓	42	100.000

Origin-Destination Data

Demand (Veh/hr)

	To			
		A	B	C
	A	0	27	85
	B	8	0	2
	C	39	3	0

Vehicle Mix

Heavy Vehicle Percentages

	To			
		A	B	C
	A	10	10	10
	B	10	10	10
	C	10	10	10

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (Veh)	Max LOS	Average Demand (Veh/hr)	Total Junction Arrivals (Veh)
B-AC	0.02	8.03	0.0	A	9	14
C-AB	0.01	6.59	0.0	A	3	4
C-A					36	53
A-B					25	37
A-C					78	117

Main Results for each time segment

06:45 - 07:00

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-AC	8	2	469	0.016	7	0.0	0.0	7.801	A
C-AB	2	0.60	549	0.004	2	0.0	0.0	6.583	A
C-A	29	7			29				
A-B	20	5			20				
A-C	64	16			64				

07:00 - 07:15

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-AC	9	2	465	0.019	9	0.0	0.0	7.898	A
C-AB	3	0.72	549	0.005	3	0.0	0.0	6.586	A
C-A	35	9			35				
A-B	24	6			24				
A-C	76	19			76				

07:15 - 07:30

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-AC	11	3	459	0.024	11	0.0	0.0	8.033	A
C-AB	4	0.90	550	0.007	4	0.0	0.0	6.589	A
C-A	43	11			43				
A-B	30	7			30				
A-C	94	23			94				

07:30 - 07:45

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-AC	11	3	459	0.024	11	0.0	0.0	8.033	A
C-AB	4	0.90	550	0.007	4	0.0	0.0	6.589	A
C-A	43	11			43				
A-B	30	7			30				
A-C	94	23			94				

07:45 - 08:00

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-AC	9	2	465	0.019	9	0.0	0.0	7.898	A
C-AB	3	0.72	549	0.005	3	0.0	0.0	6.586	A
C-A	35	9			35				
A-B	24	6			24				
A-C	76	19			76				

08:00 - 08:15

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-AC	8	2	469	0.016	8	0.0	0.0	7.805	A
C-AB	2	0.60	549	0.004	2	0.0	0.0	6.583	A
C-A	29	7			29				
A-B	20	5			20				
A-C	64	16			64				

2023, PM

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Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Major road direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	untitled	T-Junction	Two-way		3.30	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	2023	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 (Veh/hr)	Scaling Factor (%)
A		ONE HOUR	✓	23	100.000
B		ONE HOUR	✓	41	100.000
C		ONE HOUR	✓	51	100.000

Origin-Destination Data

Demand (Veh/hr)

	To			
From	A	B	C	
	0	7	16	
	37	0	4	
	47	4	0	

Vehicle Mix

Heavy Vehicle Percentages

	To			
From	A	B	C	
	10	10	10	
	10	10	10	
	10	10	10	

Results

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Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (Veh)	Max LOS	Average Demand (Veh/hr)	Total Junction Arrivals (Veh)
B-AC	0.10	8.57	0.1	A	38	56
C-AB	0.01	6.37	0.0	A	4	6
C-A					43	64
A-B					6	10
A-C					15	22

Main Results for each time segment

16:00 - 16:15

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-AC	31	8	469	0.066	31	0.0	0.1	8.201	A
C-AB	3	0.80	568	0.006	3	0.0	0.0	6.374	A
C-A	35	9			35				
A-B	5	1			5				
A-C	12	3			12				

16:15 - 16:30

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-AC	37	9	468	0.079	37	0.1	0.1	8.356	A
C-AB	4	1	572	0.007	4	0.0	0.0	6.339	A
C-A	42	10			42				
A-B	6	2			6				
A-C	14	4			14				

16:30 - 16:45

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-AC	45	11	465	0.097	45	0.1	0.1	8.567	A
C-AB	5	1	577	0.008	5	0.0	0.0	6.290	A
C-A	51	13			51				
A-B	8	2			8				
A-C	18	4			18				

16:45 - 17:00

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-AC	45	11	465	0.097	45	0.1	0.1	8.570	A
C-AB	5	1	577	0.008	5	0.0	0.0	6.290	A
C-A	51	13			51				
A-B	8	2			8				
A-C	18	4			18				

17:00 - 17:15

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-AC	37	9	468	0.079	37	0.1	0.1	8.361	A
C-AB	4	1	572	0.007	4	0.0	0.0	6.339	A
C-A	42	10			42				
A-B	6	2			6				
A-C	14	4			14				

17:15 - 17:30

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-AC	31	8	469	0.066	31	0.1	0.1	8.215	A
C-AB	3	0.80	568	0.006	3	0.0	0.0	6.375	A
C-A	35	9			35				
A-B	5	1			5				
A-C	12	3			12				

2025 no dev, AM

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Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Major road direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	untitled	T-Junction	Two-way		0.60	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	2025 no dev	AM	ONE HOUR	06:45	08:15	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 (Veh/hr)	Scaling Factor (%)
A		ONE HOUR	✓	116	100.000
B		ONE HOUR	✓	10	100.000
C		ONE HOUR	✓	43	100.000

Origin-Destination Data

Demand (Veh/hr)

	To			
From		A	B	C
	A	0	28	88
	B	8	0	2
	C	40	3	0

Vehicle Mix

Heavy Vehicle Percentages

	To			
From		A	B	C
	A	10	10	10
	B	10	10	10
	C	10	10	10

Results

RECEIVED: 01/03/2024

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (Veh)	Max LOS	Average Demand (Veh/hr)	Total Junction Arrivals (Veh)
B-AC	0.02	8.05	0.0	A	9	14
C-AB	0.01	6.59	0.0	A	3	4
C-A					37	55
A-B					26	39
A-C					81	121

Main Results for each time segment

06:45 - 07:00

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-AC	8	2	468	0.016	7	0.0	0.0	7.813	A
C-AB	2	0.60	549	0.004	2	0.0	0.0	6.585	A
C-A	30	7			30				
A-B	21	5			21				
A-C	66	17			66				

07:00 - 07:15

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-AC	9	2	464	0.019	9	0.0	0.0	7.912	A
C-AB	3	0.72	549	0.005	3	0.0	0.0	6.588	A
C-A	36	9			36				
A-B	25	6			25				
A-C	79	20			79				

07:15 - 07:30

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-AC	11	3	458	0.024	11	0.0	0.0	8.051	A
C-AB	4	0.90	550	0.007	4	0.0	0.0	6.592	A
C-A	44	11			44				
A-B	31	8			31				
A-C	97	24			97				

07:30 - 07:45

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-AC	11	3	458	0.024	11	0.0	0.0	8.051	A
C-AB	4	0.90	550	0.007	4	0.0	0.0	6.592	A
C-A	44	11			44				
A-B	31	8			31				
A-C	97	24			97				

07:45 - 08:00

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-AC	9	2	464	0.019	9	0.0	0.0	7.914	A
C-AB	3	0.72	549	0.005	3	0.0	0.0	6.591	A
C-A	36	9			36				
A-B	25	6			25				
A-C	79	20			79				

08:00 - 08:15

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-AC	8	2	468	0.016	8	0.0	0.0	7.817	A
C-AB	2	0.60	549	0.004	2	0.0	0.0	6.588	A
C-A	30	7			30				
A-B	21	5			21				
A-C	66	17			66				

2025 no dev, PM

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Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Major road direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	untitled	T-Junction	Two-way		3.27	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	2025 no dev	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 (Veh/hr)	Scaling Factor (%)
A		ONE HOUR	✓	24	100.000
B		ONE HOUR	✓	42	100.000
C		ONE HOUR	✓	53	100.000

Origin-Destination Data

Demand (Veh/hr)

	To			
From		A	B	C
	A	0	7	17
	B	38	0	4
	C	49	4	0

Vehicle Mix

Heavy Vehicle Percentages

	To			
From		A	B	C
	A	10	10	10
	B	10	10	10
	C	10	10	10

Results

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Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (Veh)	Max LOS	Average Demand (Veh/hr)	Total Junction Arrivals (Veh)
B-AC	0.10	8.61	0.1	A	39	58
C-AB	0.01	6.37	0.0	A	4	6
C-A					45	67
A-B					6	10
A-C					16	23

Main Results for each time segment

16:00 - 16:15

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-AC	32	8	469	0.067	31	0.0	0.1	8.227	A
C-AB	3	0.81	569	0.006	3	0.0	0.0	6.365	A
C-A	37	9			37				
A-B	5	1			5				
A-C	13	3			13				

16:15 - 16:30

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-AC	38	9	467	0.081	38	0.1	0.1	8.388	A
C-AB	4	1	573	0.007	4	0.0	0.0	6.328	A
C-A	44	11			44				
A-B	6	2			6				
A-C	15	4			15				

16:30 - 16:45

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-AC	46	12	464	0.100	46	0.1	0.1	8.606	A
C-AB	5	1	578	0.008	5	0.0	0.0	6.277	A
C-A	53	13			53				
A-B	8	2			8				
A-C	19	5			19				

16:45 - 17:00

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-AC	46	12	464	0.100	46	0.1	0.1	8.610	A
C-AB	5	1	578	0.008	5	0.0	0.0	6.277	A
C-A	53	13			53				
A-B	8	2			8				
A-C	19	5			19				

17:00 - 17:15

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-AC	38	9	467	0.081	38	0.1	0.1	8.393	A
C-AB	4	1	573	0.007	4	0.0	0.0	6.328	A
C-A	44	11			44				
A-B	6	2			6				
A-C	15	4			15				

17:15 - 17:30

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-AC	32	8	469	0.067	32	0.1	0.1	8.239	A
C-AB	3	0.81	569	0.006	3	0.0	0.0	6.368	A
C-A	37	9			37				
A-B	5	1			5				
A-C	13	3			13				

2025 with dev, AM

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Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Major road direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	untitled	T-Junction	Two-way		2.45	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	2025 with dev	AM	ONE HOUR	06:45	08:15	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 (Veh/hr)	Scaling Factor (%)
A		ONE HOUR	✓	173	100.000
B		ONE HOUR	✓	67	100.000
C		ONE HOUR	✓	43	100.000

Origin-Destination Data

Demand (Veh/hr)

	To			
From		A	B	C
	A	0	85	88
	B	65	0	2
	C	40	3	0

Vehicle Mix

Heavy Vehicle Percentages

	To			
From		A	B	C
	A	10	10	10
	B	10	10	10
	C	10	10	10

Results

RECEIVED: 01/03/2024

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (Veh)	Max LOS	Average Demand (Veh/hr)	Total Junction Arrivals (Veh)
B-AC	0.17	10.02	0.2	B	61	92
C-AB	0.01	6.76	0.0	A	3	4
C-A					36	55
A-B					78	117
A-C					81	121

Main Results for each time segment

06:45 - 07:00

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-AC	50	13	445	0.113	50	0.0	0.1	9.100	A
C-AB	2	0.60	540	0.004	2	0.0	0.0	6.700	A
C-A	30	7			30				
A-B	64	16			64				
A-C	66	17			66				

07:00 - 07:15

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-AC	60	15	440	0.137	60	0.1	0.2	9.471	A
C-AB	3	0.72	538	0.005	3	0.0	0.0	6.726	A
C-A	36	9			36				
A-B	76	19			76				
A-C	79	20			79				

07:15 - 07:30

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-AC	74	18	433	0.170	74	0.2	0.2	10.006	B
C-AB	4	0.90	536	0.007	4	0.0	0.0	6.761	A
C-A	44	11			44				
A-B	94	23			94				
A-C	97	24			97				

07:30 - 07:45

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-AC	74	18	433	0.170	74	0.2	0.2	10.016	B
C-AB	4	0.90	536	0.007	4	0.0	0.0	6.761	A
C-A	44	11			44				
A-B	94	23			94				
A-C	97	24			97				

07:45 - 08:00

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-AC	60	15	440	0.137	60	0.2	0.2	9.487	A
C-AB	3	0.72	538	0.005	3	0.0	0.0	6.729	A
C-A	36	9			36				
A-B	76	19			76				
A-C	79	20			79				

08:00 - 08:15

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-AC	50	13	445	0.113	51	0.2	0.1	9.128	A
C-AB	2	0.60	540	0.004	2	0.0	0.0	6.703	A
C-A	30	7			30				
A-B	64	16			64				
A-C	66	17			66				

2025 with dev, PM

RECEIVED: 01/03/2024

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Major road direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	untitled	T-Junction	Two-way		4.49	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
D6	2025 with dev	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 (Veh/hr)	Scaling Factor (%)
A		ONE HOUR	✓	77	100.000
B		ONE HOUR	✓	95	100.000
C		ONE HOUR	✓	53	100.000

Origin-Destination Data

Demand (Veh/hr)

	To			
	A	B	C	
From	A	0	60	17
	B	91	0	4
	C	49	4	0

Vehicle Mix

Heavy Vehicle Percentages

	To			
	A	B	C	
From	A	10	10	10
	B	10	10	10
	C	10	10	10

Results

RECEIVED: 01/03/2024

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (Veh)	Max LOS	Average Demand (Veh/hr)	Total Junction Arrivals (Veh)
B-AC	0.23	10.33	0.3	B	87	131
C-AB	0.01	6.46	0.0	A	4	6
C-A					45	67
A-B					55	83
A-C					16	23

Main Results for each time segment

16:00 - 16:15

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-AC	72	18	459	0.156	71	0.0	0.2	9.255	A
C-AB	3	0.81	560	0.006	3	0.0	0.0	6.465	A
C-A	37	9			37				
A-B	45	11			45				
A-C	13	3			13				

16:15 - 16:30

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-AC	85	21	457	0.187	85	0.2	0.2	9.690	A
C-AB	4	1	562	0.007	4	0.0	0.0	6.445	A
C-A	44	11			44				
A-B	54	13			54				
A-C	15	4			15				

16:30 - 16:45

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-AC	105	26	453	0.231	104	0.2	0.3	10.315	B
C-AB	5	1	566	0.009	5	0.0	0.0	6.418	A
C-A	53	13			53				
A-B	66	17			66				
A-C	19	5			19				

16:45 - 17:00

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-AC	105	26	453	0.231	105	0.3	0.3	10.331	B
C-AB	5	1	566	0.009	5	0.0	0.0	6.421	A
C-A	53	13			53				
A-B	66	17			66				
A-C	19	5			19				

17:00 - 17:15

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-AC	85	21	457	0.187	86	0.3	0.2	9.713	A
C-AB	4	1	562	0.007	4	0.0	0.0	6.448	A
C-A	44	11			44				
A-B	54	13			54				
A-C	15	4			15				

17:15 - 17:30

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-AC	72	18	459	0.156	72	0.2	0.2	9.297	A
C-AB	3	0.81	560	0.006	3	0.0	0.0	6.465	A
C-A	37	9			37				
A-B	45	11			45				
A-C	13	3			13				

2030 no dev, AM

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Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Major road direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	untitled	T-Junction	Two-way		0.60	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	2030 no dev	AM	ONE HOUR	06:45	08:15	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 (Veh/hr)	Scaling Factor (%)
A		ONE HOUR	✓	128	100.000
B		ONE HOUR	✓	11	100.000
C		ONE HOUR	✓	47	100.000

Origin-Destination Data

Demand (Veh/hr)

	To			
	A	B	C	
From	A	0	31	97
	B	9	0	2
	C	44	3	0

Vehicle Mix

Heavy Vehicle Percentages

	To			
	A	B	C	
From	A	10	10	10
	B	10	10	10
	C	10	10	10

Results

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Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (Veh)	Max LOS	Average Demand (Veh/hr)	Total Junction Arrivals (Veh)
B-AC	0.03	8.17	0.0	A	10	15
C-AB	0.01	6.59	0.0	A	3	4
C-A					40	60
A-B					28	43
A-C					89	134

Main Results for each time segment

06:45 - 07:00

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-AC	8	2	464	0.018	8	0.0	0.0	7.899	A
C-AB	2	0.60	549	0.004	2	0.0	0.0	6.584	A
C-A	33	8			33				
A-B	23	6			23				
A-C	73	18			73				

07:00 - 07:15

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-AC	10	2	459	0.022	10	0.0	0.0	8.011	A
C-AB	3	0.73	549	0.005	3	0.0	0.0	6.587	A
C-A	39	10			39				
A-B	28	7			28				
A-C	87	22			87				

07:15 - 07:30

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-AC	12	3	453	0.027	12	0.0	0.0	8.168	A
C-AB	4	0.91	550	0.007	4	0.0	0.0	6.590	A
C-A	48	12			48				
A-B	34	9			34				
A-C	107	27			107				

07:30 - 07:45

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-AC	12	3	453	0.027	12	0.0	0.0	8.168	A
C-AB	4	0.91	550	0.007	4	0.0	0.0	6.590	A
C-A	48	12			48				
A-B	34	9			34				
A-C	107	27			107				

07:45 - 08:00

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-AC	10	2	459	0.022	10	0.0	0.0	8.012	A
C-AB	3	0.73	549	0.005	3	0.0	0.0	6.587	A
C-A	39	10			39				
A-B	28	7			28				
A-C	87	22			87				

08:00 - 08:15

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-AC	8	2	464	0.018	8	0.0	0.0	7.903	A
C-AB	2	0.60	549	0.004	2	0.0	0.0	6.585	A
C-A	33	8			33				
A-B	23	6			23				
A-C	73	18			73				

2030 no dev, PM

RECEIVED: 01/03/2024

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Major road direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	untitled	T-Junction	Two-way		3.37	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
D8	2030 no dev	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 (Veh/hr)	Scaling Factor (%)
A		ONE HOUR	✓	26	100.000
B		ONE HOUR	✓	47	100.000
C		ONE HOUR	✓	59	100.000

Origin-Destination Data

Demand (Veh/hr)

	To			
	A	B	C	
From	A	0	8	18
	B	42	0	5
	C	54	5	0

Vehicle Mix

Heavy Vehicle Percentages

	To			
	A	B	C	
From	A	10	10	10
	B	10	10	10
	C	10	10	10

Results

RECEIVED: 01/03/2024

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (Veh)	Max LOS	Average Demand (Veh/hr)	Total Junction Arrivals (Veh)
B-AC	0.11	8.73	0.1	A	43	65
C-AB	0.01	6.35	0.0	A	5	8
C-A					49	74
A-B					7	11
A-C					17	25

Main Results for each time segment

16:00 - 16:15

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-AC	35	9	469	0.075	35	0.0	0.1	8.291	A
C-AB	4	1	571	0.007	4	0.0	0.0	6.350	A
C-A	40	10			40				
A-B	6	2			6				
A-C	14	3			14				

16:15 - 16:30

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-AC	42	11	467	0.090	42	0.1	0.1	8.474	A
C-AB	5	1	575	0.009	5	0.0	0.0	6.310	A
C-A	48	12			48				
A-B	7	2			7				
A-C	16	4			16				

16:30 - 16:45

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-AC	52	13	464	0.111	52	0.1	0.1	8.724	A
C-AB	6	2	581	0.011	6	0.0	0.0	6.256	A
C-A	59	15			59				
A-B	9	2			9				
A-C	20	5			20				

16:45 - 17:00

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-AC	52	13	464	0.111	52	0.1	0.1	8.727	A
C-AB	6	2	581	0.011	6	0.0	0.0	6.256	A
C-A	59	15			59				
A-B	9	2			9				
A-C	20	5			20				

17:00 - 17:15

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-AC	42	11	467	0.090	42	0.1	0.1	8.480	A
C-AB	5	1	575	0.009	5	0.0	0.0	6.310	A
C-A	48	12			48				
A-B	7	2			7				
A-C	16	4			16				

17:15 - 17:30

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-AC	35	9	469	0.075	35	0.1	0.1	8.307	A
C-AB	4	1	571	0.007	4	0.0	0.0	6.353	A
C-A	40	10			40				
A-B	6	2			6				
A-C	14	3			14				

2030 with dev, AM

RECEIVED: 01/03/2024

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Major road direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	untitled	T-Junction	Two-way		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
D9	2030 with dev	AM	ONE HOUR	06:45	08:15	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 (Veh/hr)	Scaling Factor (%)
A		ONE HOUR	✓	185	100.000
B		ONE HOUR	✓	68	100.000
C		ONE HOUR	✓	47	100.000

Origin-Destination Data

Demand (Veh/hr)

	To			
	A	B	C	
From	A	0	88	97
	B	66	0	2
	C	44	3	0

Vehicle Mix

Heavy Vehicle Percentages

	To			
	A	B	C	
From	A	10	10	10
	B	10	10	10
	C	10	10	10

Results

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Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (Veh)	Max LOS	Average Demand (Veh/hr)	Total Junction Arrivals (Veh)
B-AC	0.17	10.14	0.2	B	62	94
C-AB	0.01	6.76	0.0	A	3	4
C-A					40	60
A-B					81	121
A-C					89	134

Main Results for each time segment

06:45 - 07:00

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-AC	51	13	443	0.116	51	0.0	0.1	9.167	A
C-AB	2	0.60	540	0.004	2	0.0	0.0	6.700	A
C-A	33	8			33				
A-B	66	17			66				
A-C	73	18			73				

07:00 - 07:15

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-AC	61	15	437	0.140	61	0.1	0.2	9.560	A
C-AB	3	0.73	538	0.005	3	0.0	0.0	6.725	A
C-A	39	10			39				
A-B	79	20			79				
A-C	87	22			87				

07:15 - 07:30

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-AC	75	19	430	0.174	75	0.2	0.2	10.128	B
C-AB	4	0.91	536	0.007	4	0.0	0.0	6.759	A
C-A	48	12			48				
A-B	97	24			97				
A-C	107	27			107				

07:30 - 07:45

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-AC	75	19	430	0.174	75	0.2	0.2	10.138	B
C-AB	4	0.91	536	0.007	4	0.0	0.0	6.759	A
C-A	48	12			48				
A-B	97	24			97				
A-C	107	27			107				

07:45 - 08:00

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-AC	61	15	437	0.140	61	0.2	0.2	9.577	A
C-AB	3	0.73	538	0.005	3	0.0	0.0	6.725	A
C-A	39	10			39				
A-B	79	20			79				
A-C	87	22			87				

08:00 - 08:15

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-AC	51	13	443	0.116	51	0.2	0.1	9.199	A
C-AB	2	0.60	540	0.004	2	0.0	0.0	6.702	A
C-A	33	8			33				
A-B	66	17			66				
A-C	73	18			73				

2030 with dev, PM

RECEIVED: 01/03/2024

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Major road direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	untitled	T-Junction	Two-way		4.57	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	2030 with dev	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 (Veh/hr)	Scaling Factor (%)
A		ONE HOUR	✓	79	100.000
B		ONE HOUR	✓	100	100.000
C		ONE HOUR	✓	59	100.000

Origin-Destination Data

Demand (Veh/hr)

	To			
From		A	B	C
	A	0	61	18
	B	95	0	5
	C	54	5	0

Vehicle Mix

Heavy Vehicle Percentages

	To			
From		A	B	C
	A	10	10	10
	B	10	10	10
	C	10	10	10

Results

RECEIVED: 01/03/2024

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (Veh)	Max LOS	Average Demand (Veh/hr)	Total Junction Arrivals (Veh)
B-AC	0.24	10.51	0.3	B	92	138
C-AB	0.01	6.45	0.0	A	5	8
C-A					49	74
A-B					56	84
A-C					17	25

Main Results for each time segment

16:00 - 16:15

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-AC	75	19	459	0.164	75	0.0	0.2	9.345	A
C-AB	4	1	562	0.007	4	0.0	0.0	6.449	A
C-A	40	10			40				
A-B	46	11			46				
A-C	14	3			14				

16:15 - 16:30

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-AC	90	22	456	0.197	90	0.2	0.2	9.817	A
C-AB	5	1	565	0.009	5	0.0	0.0	6.426	A
C-A	48	12			48				
A-B	55	14			55				
A-C	16	4			16				

16:30 - 16:45

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-AC	110	28	452	0.243	110	0.2	0.3	10.496	B
C-AB	6	2	569	0.011	6	0.0	0.0	6.396	A
C-A	59	15			59				
A-B	67	17			67				
A-C	20	5			20				

16:45 - 17:00

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-AC	110	28	452	0.243	110	0.3	0.3	10.515	B
C-AB	6	2	569	0.011	6	0.0	0.0	6.396	A
C-A	59	15			59				
A-B	67	17			67				
A-C	20	5			20				

17:00 - 17:15

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-AC	90	22	456	0.197	90	0.3	0.2	9.842	A
C-AB	5	1	565	0.009	5	0.0	0.0	6.429	A
C-A	48	12			48				
A-B	55	14			55				
A-C	16	4			16				

17:15 - 17:30

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-AC	75	19	459	0.164	75	0.2	0.2	9.394	A
C-AB	4	1	562	0.007	4	0.0	0.0	6.452	A
C-A	40	10			40				
A-B	46	11			46				
A-C	14	3			14				

2040 no dev, AM

RECEIVED: 01/03/2024

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Major road direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	untitled	T-Junction	Two-way		0.63	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	2040 no dev	AM	ONE HOUR	06:45	08:15	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 (Veh/hr)	Scaling Factor (%)
A		ONE HOUR	✓	140	100.000
B		ONE HOUR	✓	12	100.000
C		ONE HOUR	✓	53	100.000

Origin-Destination Data

Demand (Veh/hr)

	To			
	A	B	C	
From	A	0	34	106
	B	10	0	2
	C	49	4	0

Vehicle Mix

Heavy Vehicle Percentages

	To			
	A	B	C	
From	A	10	10	10
	B	10	10	10
	C	10	10	10

Results

RECEIVED: 01/03/2024

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (Veh)	Max LOS	Average Demand (Veh/hr)	Total Junction Arrivals (Veh)
B-AC	0.03	8.29	0.0	A	11	17
C-AB	0.01	6.60	0.0	A	4	6
C-A					45	67
A-B					31	47
A-C					97	146

Main Results for each time segment

06:45 - 07:00

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-AC	9	2	460	0.020	9	0.0	0.0	7.987	A
C-AB	3	0.81	550	0.006	3	0.0	0.0	6.587	A
C-A	37	9			37				
A-B	26	6			26				
A-C	80	20			80				

07:00 - 07:15

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-AC	11	3	455	0.024	11	0.0	0.0	8.112	A
C-AB	4	1	550	0.007	4	0.0	0.0	6.591	A
C-A	44	11			44				
A-B	31	8			31				
A-C	95	24			95				

07:15 - 07:30

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-AC	13	3	447	0.030	13	0.0	0.0	8.290	A
C-AB	5	1	551	0.009	5	0.0	0.0	6.595	A
C-A	53	13			53				
A-B	37	9			37				
A-C	117	29			117				

07:30 - 07:45

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-AC	13	3	447	0.030	13	0.0	0.0	8.290	A
C-AB	5	1	551	0.009	5	0.0	0.0	6.597	A
C-A	53	13			53				
A-B	37	9			37				
A-C	117	29			117				

07:45 - 08:00

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-AC	11	3	455	0.024	11	0.0	0.0	8.115	A
C-AB	4	1	550	0.007	4	0.0	0.0	6.591	A
C-A	44	11			44				
A-B	31	8			31				
A-C	95	24			95				

08:00 - 08:15

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-AC	9	2	460	0.020	9	0.0	0.0	7.989	A
C-AB	3	0.81	550	0.006	3	0.0	0.0	6.588	A
C-A	37	9			37				
A-B	26	6			26				
A-C	80	20			80				

2040 no dev, PM

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Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Major road direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	untitled	T-Junction	Two-way		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
D12	2040 no dev	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 (Veh/hr)	Scaling Factor (%)
A		ONE HOUR	✓	29	100.000
B		ONE HOUR	✓	51	100.000
C		ONE HOUR	✓	64	100.000

Origin-Destination Data

Demand (Veh/hr)

	To			
	A	B	C	
From	A	0	9	20
	B	46	0	5
	C	59	5	0

Vehicle Mix

Heavy Vehicle Percentages

	To			
	A	B	C	
From	A	10	10	10
	B	10	10	10
	C	10	10	10

Results

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Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (Veh)	Max LOS	Average Demand (Veh/hr)	Total Junction Arrivals (Veh)
B-AC	0.12	8.87	0.1	A	47	70
C-AB	0.01	6.33	0.0	A	5	8
C-A					54	80
A-B					8	12
A-C					18	28

Main Results for each time segment

16:00 - 16:15

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-AC	38	10	467	0.082	38	0.0	0.1	8.384	A
C-AB	4	1	573	0.007	4	0.0	0.0	6.328	A
C-A	44	11			44				
A-B	7	2			7				
A-C	15	4			15				

16:15 - 16:30

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-AC	46	11	465	0.099	46	0.1	0.1	8.589	A
C-AB	5	1	578	0.009	5	0.0	0.0	6.284	A
C-A	53	13			53				
A-B	8	2			8				
A-C	18	4			18				

16:30 - 16:45

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-AC	56	14	462	0.122	56	0.1	0.1	8.869	A
C-AB	6	2	584	0.011	6	0.0	0.0	6.224	A
C-A	64	16			64				
A-B	10	2			10				
A-C	22	6			22				

16:45 - 17:00

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-AC	56	14	462	0.122	56	0.1	0.1	8.872	A
C-AB	6	2	584	0.011	6	0.0	0.0	6.227	A
C-A	64	16			64				
A-B	10	2			10				
A-C	22	6			22				

17:00 - 17:15

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-AC	46	11	465	0.099	46	0.1	0.1	8.596	A
C-AB	5	1	578	0.009	5	0.0	0.0	6.286	A
C-A	53	13			53				
A-B	8	2			8				
A-C	18	4			18				

17:15 - 17:30

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-AC	38	10	467	0.082	38	0.1	0.1	8.402	A
C-AB	4	1	573	0.007	4	0.0	0.0	6.328	A
C-A	44	11			44				
A-B	7	2			7				
A-C	15	4			15				

2040 with dev, AM

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Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Major road direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	untitled	T-Junction	Two-way		2.32	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	2040 with dev	AM	ONE HOUR	06:45	08:15	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 (Veh/hr)	Scaling Factor (%)
A		ONE HOUR	✓	197	100.000
B		ONE HOUR	✓	69	100.000
C		ONE HOUR	✓	53	100.000

Origin-Destination Data

Demand (Veh/hr)

	To			
	A	B	C	
From	A	0	91	106
	B	67	0	2
	C	49	4	0

Vehicle Mix

Heavy Vehicle Percentages

	To			
	A	B	C	
From	A	10	10	10
	B	10	10	10
	C	10	10	10

Results

RECEIVED: 01/03/2024

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (Veh)	Max LOS	Average Demand (Veh/hr)	Total Junction Arrivals (Veh)
B-AC	0.18	10.28	0.2	B	63	95
C-AB	0.01	6.77	0.0	A	4	6
C-A					45	67
A-B					84	125
A-C					97	146

Main Results for each time segment

06:45 - 07:00

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-AC	52	13	440	0.118	51	0.0	0.1	9.245	A
C-AB	3	0.81	540	0.006	3	0.0	0.0	6.702	A
C-A	37	9			37				
A-B	69	17			69				
A-C	80	20			80				

07:00 - 07:15

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-AC	62	16	434	0.143	62	0.1	0.2	9.661	A
C-AB	4	1	539	0.007	4	0.0	0.0	6.728	A
C-A	44	11			44				
A-B	82	20			82				
A-C	95	24			95				

07:15 - 07:30

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-AC	76	19	426	0.178	76	0.2	0.2	10.268	B
C-AB	5	1	537	0.009	5	0.0	0.0	6.763	A
C-A	53	13			53				
A-B	100	25			100				
A-C	117	29			117				

07:30 - 07:45

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-AC	76	19	426	0.178	76	0.2	0.2	10.277	B
C-AB	5	1	537	0.009	5	0.0	0.0	6.765	A
C-A	53	13			53				
A-B	100	25			100				
A-C	117	29			117				

07:45 - 08:00

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-AC	62	16	434	0.143	62	0.2	0.2	9.677	A
C-AB	4	1	539	0.007	4	0.0	0.0	6.728	A
C-A	44	11			44				
A-B	82	20			82				
A-C	95	24			95				

08:00 - 08:15

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-AC	52	13	440	0.118	52	0.2	0.1	9.277	A
C-AB	3	0.81	540	0.006	3	0.0	0.0	6.703	A
C-A	37	9			37				
A-B	69	17			69				
A-C	80	20			80				

2040 with dev, PM

RECEIVED: 01/03/2024

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Major road direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	untitled	T-Junction	Two-way		4.59	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	2040 with dev	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 (Veh/hr)	Scaling Factor (%)
A		ONE HOUR	✓	82	100.000
B		ONE HOUR	✓	104	100.000
C		ONE HOUR	✓	64	100.000

Origin-Destination Data

Demand (Veh/hr)

	To			
	A	B	C	
From	A	0	62	20
	B	99	0	5
	C	59	5	0

Vehicle Mix

Heavy Vehicle Percentages

	To			
	A	B	C	
From	A	10	10	10
	B	10	10	10
	C	10	10	10

Results

RECEIVED: 01/03/2024

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (Veh)	Max LOS	Average Demand (Veh/hr)	Total Junction Arrivals (Veh)
B-AC	0.25	10.70	0.3	B	95	143
C-AB	0.01	6.43	0.0	A	5	8
C-A					54	80
A-B					57	85
A-C					18	28

Main Results for each time segment

16:00 - 16:15

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-AC	78	20	458	0.171	77	0.0	0.2	9.446	A
C-AB	4	1	564	0.007	4	0.0	0.0	6.426	A
C-A	44	11			44				
A-B	47	12			47				
A-C	15	4			15				

16:15 - 16:30

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-AC	93	23	455	0.206	93	0.2	0.3	9.948	A
C-AB	5	1	567	0.009	5	0.0	0.0	6.399	A
C-A	53	13			53				
A-B	56	14			56				
A-C	18	4			18				

16:30 - 16:45

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-AC	115	29	451	0.254	114	0.3	0.3	10.680	B
C-AB	6	2	572	0.011	6	0.0	0.0	6.362	A
C-A	64	16			64				
A-B	68	17			68				
A-C	22	6			22				

16:45 - 17:00

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-AC	115	29	451	0.254	114	0.3	0.3	10.702	B
C-AB	6	2	572	0.011	6	0.0	0.0	6.365	A
C-A	64	16			64				
A-B	68	17			68				
A-C	22	6			22				

17:00 - 17:15

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-AC	93	23	455	0.206	94	0.3	0.3	9.978	A
C-AB	5	1	567	0.009	5	0.0	0.0	6.399	A
C-A	53	13			53				
A-B	56	14			56				
A-C	18	4			18				

17:15 - 17:30

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-AC	78	20	458	0.171	79	0.3	0.2	9.496	A
C-AB	4	1	564	0.007	4	0.0	0.0	6.426	A
C-A	44	11			44				
A-B	47	12			47				
A-C	15	4			15				

Junctions 9	
PICADY 9 - Priority Intersection Module	
Version: 9.5.0.6896 © Copyright TRL Limited, 2018	
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Filename: N29- INDUSTRIAL ACCESS-ROAD PRIORITY JUNCTION.j9

Path: S:\Jobs\2023\23063 Slieverue, Co. Kilkenny TIA\23063-01\Reports\Working\PICADY

Report generation date: 16/06/2023 15:25:34

- »2023, AM
- »2023, PM
- »2025 no dev, AM
- »2025 no dev, PM
- »2025 with dev, AM
- »2025 with dev, PM
- »2030 no dev, AM
- »2030 no dev, PM
- »2030 with dev, AM
- »2030 with dev, PM
- »2040 no dev, AM
- »2040 no dev, PM
- »2040 with dev, AM
- »2040 with dev, PM

Summary of junction performance

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	AM				PM			
	Queue (Veh)	Delay (s)	RFC	LOS	Queue (Veh)	Delay (s)	RFC	LOS
2023								
Stream B-C	0.0	8.30	0.02	A	0.0	8.78	0.02	A
Stream B-A	0.1	9.26	0.13	A	0.4	10.81	0.27	B
Stream C-AB	0.0	6.35	0.02	A	0.0	5.97	0.02	A
2025 no dev								
Stream B-C	0.0	8.35	0.02	A	0.0	8.82	0.02	A
Stream B-A	0.2	9.33	0.13	A	0.4	10.98	0.28	B
Stream C-AB	0.0	6.37	0.02	A	0.0	5.97	0.02	A
2025 with dev								
Stream B-C	0.1	8.26	0.10	A	0.1	8.92	0.11	A
Stream B-A	0.2	10.57	0.20	B	0.5	12.46	0.34	B
Stream C-AB	0.1	6.89	0.08	A	0.1	6.41	0.08	A
2030 no dev								
Stream B-C	0.0	8.44	0.03	A	0.0	8.94	0.03	A
Stream B-A	0.2	9.55	0.14	A	0.4	11.50	0.31	B
Stream C-AB	0.0	6.44	0.02	A	0.0	5.99	0.02	A
2030 with dev								
Stream B-C	0.1	8.41	0.10	A	0.1	9.12	0.11	A
Stream B-A	0.3	10.83	0.21	B	0.6	13.11	0.37	B
Stream C-AB	0.1	6.97	0.09	A	0.1	6.44	0.08	A
2040 no dev								
Stream B-C	0.0	8.56	0.03	A	0.0	9.08	0.03	A
Stream B-A	0.2	9.81	0.16	A	0.5	12.11	0.34	B
Stream C-AB	0.0	6.51	0.02	A	0.0	6.02	0.02	A
2040 with dev								
Stream B-C	0.1	8.58	0.11	A	0.1	9.36	0.11	A
Stream B-A	0.3	11.15	0.23	B	0.7	13.89	0.40	B
Stream C-AB	0.1	7.05	0.09	A	0.1	6.47	0.08	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	
Location	
Site number	
Date	26/01/2021
Version	
Status	(new file)
Identifier	
Client	
Jobnumber	
Enumerator	ROADPLAN01\jbyrne
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	Veh	Veh	perHour	s	-Min	perMin

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	2023	AM	ONE HOUR	06:45	08:15	15	✓
D2	2023	PM	ONE HOUR	16:15	17:45	15	✓
D3	2025 no dev	AM	ONE HOUR	06:45	08:15	15	✓
D4	2025 no dev	PM	ONE HOUR	16:15	17:45	15	✓
D5	2025 with dev	AM	ONE HOUR	06:45	08:15	15	✓
D6	2025 with dev	PM	ONE HOUR	16:15	17:45	15	✓
D7	2030 no dev	AM	ONE HOUR	06:45	08:15	15	✓
D8	2030 no dev	PM	ONE HOUR	16:15	17:45	15	✓
D9	2030 with dev	AM	ONE HOUR	06:45	08:15	15	✓
D10	2030 with dev	PM	ONE HOUR	16:15	17:45	15	✓
D11	2040 no dev	AM	ONE HOUR	06:45	08:15	15	✓
D12	2040 no dev	PM	ONE HOUR	16:15	17:45	15	✓
D13	2040 with dev	AM	ONE HOUR	06:45	08:15	15	✓
D14	2040 with dev	PM	ONE HOUR	16:15	17:45	15	✓

Analysis Set Details

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

2023, AM

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Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Major road direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	untitled	T-Junction	Two-way		2.02	A

Junction Network Options

Driving side	Lighting
Left	Normal/unknown

Arms

Arms

Arm	Name	Description	Arm type
A	N29 (west)		Major
B	Industrial Access Rd		Minor
C	N29 (east)		Major

Major Arm Geometry

Arm	Width of carriageway (m)	Has kerbed central reserve	Has right turn bay	Width for right turn (m)	Visibility for right turn (m)	Blocks?	Blocking queue (PCU)
C	12.00		✓	3.00	100.0	✓	7.00

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	Width at give-way (m)	Width at 5m (m)	Width at 10m (m)	Width at 15m (m)	Width at 20m (m)	Estimate flare length	Flare length (PCU)	Visibility to left (m)	Visibility to right (m)
B	One lane plus flare	4.40	2.20	2.20	2.20	2.20		3.00	75	100

Slope / Intercept / Capacity

Priority Intersection Slopes and Intercepts

Junction	Stream	Intercept (Veh/hr)	Slope for A-B	Slope for A-C	Slope for C-A	Slope for C-B
1	B-A	524	0.071	0.178	0.112	0.255
1	B-C	530	0.060	0.152	-	-
1	C-B	687	0.197	0.197	-	-

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	2023	AM	ONE HOUR	06:45	08:15	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 (Veh/hr)	Scaling Factor (%)
A		ONE HOUR	✓	216	100.000
B		ONE HOUR	✓	61	100.000
C		ONE HOUR	✓	30	100.000

Origin-Destination Data

Demand (Veh/hr)

	To			
		A	B	C
	A	0	135	81
	B	51	0	10
	C	20	10	0

Vehicle Mix

Heavy Vehicle Percentages

	To			
		A	B	C
	A	10	10	10
	B	10	10	10
	C	10	10	10

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (Veh)	Max LOS	Average Demand (Veh/hr)	Total Junction Arrivals (Veh)
B-C	0.02	8.30	0.0	A	9	14
B-A	0.13	9.26	0.1	A	47	70
C-AB	0.02	6.35	0.0	A	9	14
C-A					18	28
A-B					124	186
A-C					74	111

Main Results for each time segment

06:45 - 07:00

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	8	2	457	0.016	7	0.0	0.0	8.011	A
B-A	38	10	455	0.084	38	0.0	0.1	8.629	A
C-AB	8	2	592	0.013	7	0.0	0.0	6.153	A
C-A	15	4			15				
A-B	102	25			102				
A-C	61	15			61				

07:00 - 07:15

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	9	2	452	0.020	9	0.0	0.0	8.130	A
B-A	46	11	451	0.102	46	0.1	0.1	8.888	A
C-AB	9	2	586	0.015	9	0.0	0.0	6.235	A
C-A	18	4			18				
A-B	121	30			121				
A-C	73	18			73				

07:15 - 07:30

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	11	3	445	0.025	11	0.0	0.0	8.297	A
B-A	56	14	445	0.126	56	0.1	0.1	9.255	A
C-AB	11	3	578	0.019	11	0.0	0.0	6.352	A
C-A	22	6			22				
A-B	149	37			149				
A-C	89	22			89				

07:30 - 07:45

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	11	3	445	0.025	11	0.0	0.0	8.298	A
B-A	56	14	445	0.126	56	0.1	0.1	9.260	A
C-AB	11	3	578	0.019	11	0.0	0.0	6.352	A
C-A	22	6			22				
A-B	149	37			149				
A-C	89	22			89				

07:45 - 08:00

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	9	2	452	0.020	9	0.0	0.0	8.134	A
B-A	46	11	451	0.102	46	0.1	0.1	8.897	A
C-AB	9	2	586	0.015	9	0.0	0.0	6.238	A
C-A	18	4			18				
A-B	121	30			121				
A-C	73	18			73				

08:00 - 08:15

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	8	2	457	0.016	8	0.0	0.0	8.017	A
B-A	38	10	455	0.084	38	0.1	0.1	8.646	A
C-AB	8	2	592	0.013	8	0.0	0.0	6.154	A
C-A	15	4			15				
A-B	102	25			102				
A-C	61	15			61				

2023, PM

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Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Major road direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	untitled	T-Junction	Two-way		4.40	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	2023	PM	ONE HOUR	16:15	17:45	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 (Veh/hr)	Scaling Factor (%)
A		ONE HOUR	✓	52	100.000
B		ONE HOUR	✓	120	100.000
C		ONE HOUR	✓	131	100.000

Origin-Destination Data

Demand (Veh/hr)

	To			
	A	B	C	
From	A	0	23	29
	B	111	0	9
	C	122	9	0

Vehicle Mix

Heavy Vehicle Percentages

	To			
	A	B	C	
From	A	10	10	10
	B	10	10	10
	C	10	10	10

Results

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Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (Veh)	Max LOS	Average Demand (Veh/hr)	Total Junction Arrivals (Veh)
B-C	0.02	8.78	0.0	A	8	12
B-A	0.27	10.81	0.4	B	102	153
C-AB	0.02	5.97	0.0	A	8	12
C-A					112	168
A-B					21	32
A-C					27	40

Main Results for each time segment

16:15 - 16:30

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	7	2	433	0.016	7	0.0	0.0	8.447	A
B-A	84	21	463	0.180	83	0.0	0.2	9.439	A
C-AB	7	2	617	0.011	7	0.0	0.0	5.901	A
C-A	92	23			92				
A-B	17	4			17				
A-C	22	5			22				

16:30 - 16:45

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	8	2	428	0.019	8	0.0	0.0	8.583	A
B-A	100	25	460	0.217	100	0.2	0.3	9.986	A
C-AB	8	2	615	0.013	8	0.0	0.0	5.928	A
C-A	110	27			110				
A-B	21	5			21				
A-C	26	7			26				

16:45 - 17:00

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	10	2	420	0.024	10	0.0	0.0	8.776	A
B-A	122	31	455	0.268	122	0.3	0.4	10.787	B
C-AB	10	2	613	0.016	10	0.0	0.0	5.966	A
C-A	134	34			134				
A-B	25	6			25				
A-C	32	8			32				

17:00 - 17:15

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	10	2	420	0.024	10	0.0	0.0	8.778	A
B-A	122	31	455	0.268	122	0.4	0.4	10.810	B
C-AB	10	2	613	0.016	10	0.0	0.0	5.966	A
C-A	134	34			134				
A-B	25	6			25				
A-C	32	8			32				

17:15 - 17:30

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	8	2	427	0.019	8	0.0	0.0	8.589	A
B-A	100	25	460	0.217	100	0.4	0.3	10.019	B
C-AB	8	2	615	0.013	8	0.0	0.0	5.931	A
C-A	110	27			110				
A-B	21	5			21				
A-C	26	7			26				

17:30 - 17:45

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	7	2	433	0.016	7	0.0	0.0	8.458	A
B-A	84	21	463	0.180	84	0.3	0.2	9.496	A
C-AB	7	2	617	0.011	7	0.0	0.0	5.903	A
C-A	92	23			92				
A-B	17	4			17				
A-C	22	5			22				

2025 no dev, AM

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Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Major road direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	untitled	T-Junction	Two-way		2.02	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	2025 no dev	AM	ONE HOUR	06:45	08:15	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 (Veh/hr)	Scaling Factor (%)
A		ONE HOUR	✓	224	100.000
B		ONE HOUR	✓	63	100.000
C		ONE HOUR	✓	31	100.000

Origin-Destination Data

Demand (Veh/hr)

	To			
	A	B	C	
From	A	0	140	84
	B	53	0	10
	C	21	10	0

Vehicle Mix

Heavy Vehicle Percentages

	To			
	A	B	C	
From	A	10	10	10
	B	10	10	10
	C	10	10	10

Results

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Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (Veh)	Max LOS	Average Demand (Veh/hr)	Total Junction Arrivals (Veh)
B-C	0.02	8.35	0.0	A	9	14
B-A	0.13	9.33	0.2	A	49	73
C-AB	0.02	6.37	0.0	A	9	14
C-A					19	29
A-B					128	193
A-C					77	116

Main Results for each time segment

06:45 - 07:00

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	8	2	454	0.017	7	0.0	0.0	8.052	A
B-A	40	10	454	0.088	40	0.0	0.1	8.670	A
C-AB	8	2	591	0.013	7	0.0	0.0	6.166	A
C-A	16	4			16				
A-B	105	26			105				
A-C	63	16			63				

07:00 - 07:15

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	9	2	449	0.020	9	0.0	0.0	8.176	A
B-A	48	12	450	0.106	48	0.1	0.1	8.943	A
C-AB	9	2	585	0.015	9	0.0	0.0	6.250	A
C-A	19	5			19				
A-B	126	31			126				
A-C	76	19			76				

07:15 - 07:30

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	11	3	442	0.025	11	0.0	0.0	8.349	A
B-A	58	15	444	0.131	58	0.1	0.1	9.329	A
C-AB	11	3	576	0.019	11	0.0	0.0	6.371	A
C-A	23	6			23				
A-B	154	39			154				
A-C	92	23			92				

07:30 - 07:45

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	11	3	442	0.025	11	0.0	0.0	8.350	A
B-A	58	15	444	0.131	58	0.1	0.2	9.334	A
C-AB	11	3	576	0.019	11	0.0	0.0	6.371	A
C-A	23	6			23				
A-B	154	39			154				
A-C	92	23			92				

07:45 - 08:00

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	9	2	449	0.020	9	0.0	0.0	8.179	A
B-A	48	12	450	0.106	48	0.2	0.1	8.952	A
C-AB	9	2	585	0.015	9	0.0	0.0	6.251	A
C-A	19	5			19				
A-B	126	31			126				
A-C	76	19			76				

08:00 - 08:15

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	8	2	454	0.017	8	0.0	0.0	8.057	A
B-A	40	10	454	0.088	40	0.1	0.1	8.689	A
C-AB	8	2	591	0.013	8	0.0	0.0	6.168	A
C-A	16	4			16				
A-B	105	26			105				
A-C	63	16			63				

2025 no dev, PM

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Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Major road direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	untitled	T-Junction	Two-way		4.45	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	2025 no dev	PM	ONE HOUR	16:15	17:45	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 (Veh/hr)	Scaling Factor (%)
A		ONE HOUR	✓	54	100.000
B		ONE HOUR	✓	124	100.000
C		ONE HOUR	✓	136	100.000

Origin-Destination Data

Demand (Veh/hr)

	To			
	A	B	C	
From	A	0	24	30
	B	115	0	9
	C	127	9	0

Vehicle Mix

Heavy Vehicle Percentages

	To			
	A	B	C	
From	A	10	10	10
	B	10	10	10
	C	10	10	10

Results

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Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (Veh)	Max LOS	Average Demand (Veh/hr)	Total Junction Arrivals (Veh)
B-C	0.02	8.82	0.0	A	8	12
B-A	0.28	10.98	0.4	B	106	158
C-AB	0.02	5.97	0.0	A	8	12
C-A					117	175
A-B					22	33
A-C					28	41

Main Results for each time segment

16:15 - 16:30

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	7	2	431	0.016	7	0.0	0.0	8.478	A
B-A	87	22	463	0.187	86	0.0	0.2	9.526	A
C-AB	7	2	616	0.011	7	0.0	0.0	5.904	A
C-A	96	24			96				
A-B	18	5			18				
A-C	23	6			23				

16:30 - 16:45

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	8	2	426	0.019	8	0.0	0.0	8.619	A
B-A	103	26	459	0.225	103	0.2	0.3	10.103	B
C-AB	8	2	615	0.013	8	0.0	0.0	5.932	A
C-A	114	29			114				
A-B	22	5			22				
A-C	27	7			27				

16:45 - 17:00

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	10	2	418	0.024	10	0.0	0.0	8.822	A
B-A	127	32	454	0.279	126	0.3	0.4	10.953	B
C-AB	10	2	613	0.016	10	0.0	0.0	5.971	A
C-A	140	35			140				
A-B	26	7			26				
A-C	33	8			33				

17:00 - 17:15

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	10	2	418	0.024	10	0.0	0.0	8.824	A
B-A	127	32	454	0.279	127	0.4	0.4	10.982	B
C-AB	10	2	613	0.016	10	0.0	0.0	5.971	A
C-A	140	35			140				
A-B	26	7			26				
A-C	33	8			33				

17:15 - 17:30

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	8	2	426	0.019	8	0.0	0.0	8.624	A
B-A	103	26	459	0.225	104	0.4	0.3	10.139	B
C-AB	8	2	615	0.013	8	0.0	0.0	5.934	A
C-A	114	29			114				
A-B	22	5			22				
A-C	27	7			27				

17:30 - 17:45

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	7	2	431	0.016	7	0.0	0.0	8.489	A
B-A	87	22	463	0.187	87	0.3	0.2	9.584	A
C-AB	7	2	616	0.011	7	0.0	0.0	5.906	A
C-A	96	24			96				
A-B	18	5			18				
A-C	23	6			23				

2025 with dev, AM

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Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Major road direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	untitled	T-Junction	Two-way		3.40	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	2025 with dev	AM	ONE HOUR	06:45	08:15	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 (Veh/hr)	Scaling Factor (%)
A		ONE HOUR	✓	247	100.000
B		ONE HOUR	✓	120	100.000
C		ONE HOUR	✓	65	100.000

Origin-Destination Data

Demand (Veh/hr)

	To			
	A	B	C	
From	A	0	163	84
	B	76	0	44
	C	21	44	0

Vehicle Mix

Heavy Vehicle Percentages

	To			
	A	B	C	
From	A	10	10	10
	B	10	10	10
	C	10	10	10

Results

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Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (Veh)	Max LOS	Average Demand (Veh/hr)	Total Junction Arrivals (Veh)
B-C	0.10	8.26	0.1	A	40	61
B-A	0.20	10.57	0.2	B	70	105
C-AB	0.08	6.89	0.1	A	40	61
C-A					19	29
A-B					150	224
A-C					77	116

Main Results for each time segment

06:45 - 07:00

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	33	8	502	0.066	33	0.0	0.1	7.670	A
B-A	57	14	438	0.131	57	0.0	0.1	9.425	A
C-AB	33	8	588	0.056	33	0.0	0.1	6.483	A
C-A	16	4			16				
A-B	123	31			123				
A-C	63	16			63				

07:00 - 07:15

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	40	10	494	0.080	39	0.1	0.1	7.911	A
B-A	68	17	432	0.158	68	0.1	0.2	9.884	A
C-AB	40	10	581	0.068	40	0.1	0.1	6.650	A
C-A	19	5			19				
A-B	147	37			147				
A-C	76	19			76				

07:15 - 07:30

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	48	12	484	0.100	48	0.1	0.1	8.253	A
B-A	84	21	424	0.197	83	0.2	0.2	10.555	B
C-AB	48	12	571	0.085	48	0.1	0.1	6.888	A
C-A	23	6			23				
A-B	179	45			179				
A-C	92	23			92				

07:30 - 07:45

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	48	12	484	0.100	48	0.1	0.1	8.258	A
B-A	84	21	424	0.197	84	0.2	0.2	10.569	B
C-AB	48	12	571	0.085	48	0.1	0.1	6.888	A
C-A	23	6			23				
A-B	179	45			179				
A-C	92	23			92				

07:45 - 08:00

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	40	10	494	0.080	40	0.1	0.1	7.921	A
B-A	68	17	432	0.158	69	0.2	0.2	9.906	A
C-AB	40	10	581	0.068	40	0.1	0.1	6.655	A
C-A	19	5			19				
A-B	147	37			147				
A-C	76	19			76				

08:00 - 08:15

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	33	8	501	0.066	33	0.1	0.1	7.690	A
B-A	57	14	438	0.131	57	0.2	0.2	9.462	A
C-AB	33	8	588	0.056	33	0.1	0.1	6.492	A
C-A	16	4			16				
A-B	123	31			123				
A-C	63	16			63				

2025 with dev, PM

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Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Major road direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	untitled	T-Junction	Two-way		5.55	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	2025 with dev	PM	ONE HOUR	16:15	17:45	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 (Veh/hr)	Scaling Factor (%)
A		ONE HOUR	✓	73	100.000
B		ONE HOUR	✓	177	100.000
C		ONE HOUR	✓	170	100.000

Origin-Destination Data

Demand (Veh/hr)

	To			
	A	B	C	
From	A	0	43	30
	B	134	0	43
	C	127	43	0

Vehicle Mix

Heavy Vehicle Percentages

	To			
	A	B	C	
From	A	10	10	10
	B	10	10	10
	C	10	10	10

Results

RECEIVED: 01/03/2024

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (Veh)	Max LOS	Average Demand (Veh/hr)	Total Junction Arrivals (Veh)
B-C	0.11	8.92	0.1	A	39	59
B-A	0.34	12.46	0.5	B	123	184
C-AB	0.08	6.41	0.1	A	39	59
C-A					117	175
A-B					39	59
A-C					28	41

Main Results for each time segment

16:15 - 16:30

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	32	8	470	0.069	32	0.0	0.1	8.220	A
B-A	101	25	448	0.225	100	0.0	0.3	10.305	B
C-AB	32	8	614	0.053	32	0.0	0.1	6.190	A
C-A	96	24			96				
A-B	32	8			32				
A-C	23	6			23				

16:30 - 16:45

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	39	10	462	0.084	39	0.1	0.1	8.500	A
B-A	120	30	443	0.272	120	0.3	0.4	11.137	B
C-AB	39	10	612	0.063	39	0.1	0.1	6.283	A
C-A	114	29			114				
A-B	39	10			39				
A-C	27	7			27				

16:45 - 17:00

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	47	12	451	0.105	47	0.1	0.1	8.913	A
B-A	148	37	436	0.338	147	0.4	0.5	12.421	B
C-AB	47	12	609	0.078	47	0.1	0.1	6.412	A
C-A	140	35			140				
A-B	47	12			47				
A-C	33	8			33				

17:00 - 17:15

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	47	12	451	0.105	47	0.1	0.1	8.922	A
B-A	148	37	436	0.338	148	0.5	0.5	12.465	B
C-AB	47	12	609	0.078	47	0.1	0.1	6.412	A
C-A	140	35			140				
A-B	47	12			47				
A-C	33	8			33				

17:15 - 17:30

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	39	10	462	0.084	39	0.1	0.1	8.515	A
B-A	120	30	443	0.272	121	0.5	0.4	11.197	B
C-AB	39	10	612	0.063	39	0.1	0.1	6.287	A
C-A	114	29			114				
A-B	39	10			39				
A-C	27	7			27				

17:30 - 17:45

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	32	8	469	0.069	32	0.1	0.1	8.244	A
B-A	101	25	448	0.225	101	0.4	0.3	10.395	B
C-AB	32	8	614	0.053	32	0.1	0.1	6.196	A
C-A	96	24			96				
A-B	32	8			32				
A-C	23	6			23				

2030 no dev, AM

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Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Major road direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	untitled	T-Junction	Two-way		2.06	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	2030 no dev	AM	ONE HOUR	06:45	08:15	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 (Veh/hr)	Scaling Factor (%)
A		ONE HOUR	✓	246	100.000
B		ONE HOUR	✓	69	100.000
C		ONE HOUR	✓	34	100.000

Origin-Destination Data

Demand (Veh/hr)

	To			
	A	B	C	
From	A	0	154	92
	B	58	0	11
	C	23	11	0

Vehicle Mix

Heavy Vehicle Percentages

	To			
	A	B	C	
From	A	10	10	10
	B	10	10	10
	C	10	10	10

Results

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Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (Veh)	Max LOS	Average Demand (Veh/hr)	Total Junction Arrivals (Veh)
B-C	0.03	8.44	0.0	A	10	15
B-A	0.14	9.55	0.2	A	53	80
C-AB	0.02	6.44	0.0	A	10	15
C-A					21	32
A-B					141	212
A-C					84	127

Main Results for each time segment

06:45 - 07:00

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	8	2	452	0.018	8	0.0	0.0	8.109	A
B-A	44	11	452	0.097	43	0.0	0.1	8.795	A
C-AB	8	2	588	0.014	8	0.0	0.0	6.208	A
C-A	17	4			17				
A-B	116	29			116				
A-C	69	17			69				

07:00 - 07:15

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	10	2	446	0.022	10	0.0	0.0	8.247	A
B-A	52	13	447	0.117	52	0.1	0.1	9.104	A
C-AB	10	2	581	0.017	10	0.0	0.0	6.303	A
C-A	21	5			21				
A-B	138	35			138				
A-C	83	21			83				

07:15 - 07:30

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	12	3	439	0.028	12	0.0	0.0	8.441	A
B-A	64	16	441	0.145	64	0.1	0.2	9.543	A
C-AB	12	3	571	0.021	12	0.0	0.0	6.438	A
C-A	25	6			25				
A-B	170	42			170				
A-C	101	25			101				

07:30 - 07:45

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	12	3	439	0.028	12	0.0	0.0	8.442	A
B-A	64	16	441	0.145	64	0.2	0.2	9.550	A
C-AB	12	3	571	0.021	12	0.0	0.0	6.438	A
C-A	25	6			25				
A-B	170	42			170				
A-C	101	25			101				

07:45 - 08:00

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	10	2	446	0.022	10	0.0	0.0	8.251	A
B-A	52	13	447	0.117	52	0.2	0.1	9.114	A
C-AB	10	2	581	0.017	10	0.0	0.0	6.303	A
C-A	21	5			21				
A-B	138	35			138				
A-C	83	21			83				

08:00 - 08:15

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	8	2	452	0.018	8	0.0	0.0	8.114	A
B-A	44	11	452	0.097	44	0.1	0.1	8.818	A
C-AB	8	2	588	0.014	8	0.0	0.0	6.209	A
C-A	17	4			17				
A-B	116	29			116				
A-C	69	17			69				

2030 no dev, PM

RECEIVED: 01/03/2024

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Major road direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	untitled	T-Junction	Two-way		4.65	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	2030 no dev	PM	ONE HOUR	16:15	17:45	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 (Veh/hr)	Scaling Factor (%)
A		ONE HOUR	✓	59	100.000
B		ONE HOUR	✓	136	100.000
C		ONE HOUR	✓	149	100.000

Origin-Destination Data

Demand (Veh/hr)

	To			
	A	B	C	
From	A	0	26	33
	B	126	0	10
	C	139	10	0

Vehicle Mix

Heavy Vehicle Percentages

	To			
	A	B	C	
From	A	10	10	10
	B	10	10	10
	C	10	10	10

Results

RECEIVED: 01/03/2024

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (Veh)	Max LOS	Average Demand (Veh/hr)	Total Junction Arrivals (Veh)
B-C	0.03	8.94	0.0	A	9	14
B-A	0.31	11.50	0.4	B	116	173
C-AB	0.02	5.99	0.0	A	9	14
C-A					128	191
A-B					24	36
A-C					30	45

Main Results for each time segment

16:15 - 16:30

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	8	2	429	0.018	7	0.0	0.0	8.541	A
B-A	95	24	461	0.206	94	0.0	0.3	9.777	A
C-AB	8	2	616	0.012	7	0.0	0.0	5.918	A
C-A	105	26			105				
A-B	20	5			20				
A-C	25	6			25				

16:30 - 16:45

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	9	2	423	0.021	9	0.0	0.0	8.700	A
B-A	113	28	457	0.248	113	0.3	0.3	10.453	B
C-AB	9	2	614	0.015	9	0.0	0.0	5.949	A
C-A	125	31			125				
A-B	23	6			23				
A-C	30	7			30				

16:45 - 17:00

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	11	3	414	0.027	11	0.0	0.0	8.936	A
B-A	139	35	452	0.307	138	0.3	0.4	11.465	B
C-AB	11	3	612	0.018	11	0.0	0.0	5.992	A
C-A	153	38			153				
A-B	29	7			29				
A-C	36	9			36				

17:00 - 17:15

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	11	3	414	0.027	11	0.0	0.0	8.939	A
B-A	139	35	452	0.307	139	0.4	0.4	11.497	B
C-AB	11	3	612	0.018	11	0.0	0.0	5.992	A
C-A	153	38			153				
A-B	29	7			29				
A-C	36	9			36				

17:15 - 17:30

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	9	2	422	0.021	9	0.0	0.0	8.706	A
B-A	113	28	457	0.248	114	0.4	0.3	10.495	B
C-AB	9	2	614	0.015	9	0.0	0.0	5.949	A
C-A	125	31			125				
A-B	23	6			23				
A-C	30	7			30				

17:30 - 17:45

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	8	2	429	0.018	8	0.0	0.0	8.552	A
B-A	95	24	461	0.206	95	0.3	0.3	9.851	A
C-AB	8	2	616	0.012	8	0.0	0.0	5.921	A
C-A	105	26			105				
A-B	20	5			20				
A-C	25	6			25				

2030 with dev, AM

RECEIVED: 01/03/2024

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Major road direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	untitled	T-Junction	Two-way		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
D9	2030 with dev	AM	ONE HOUR	06:45	08:15	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 (Veh/hr)	Scaling Factor (%)
A		ONE HOUR	✓	269	100.000
B		ONE HOUR	✓	126	100.000
C		ONE HOUR	✓	68	100.000

Origin-Destination Data

Demand (Veh/hr)

	To			
	A	B	C	
From	A	0	177	92
	B	81	0	45
	C	23	45	0

Vehicle Mix

Heavy Vehicle Percentages

	To			
	A	B	C	
From	A	10	10	10
	B	10	10	10
	C	10	10	10

Results

RECEIVED: 01/03/2024

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (Veh)	Max LOS	Average Demand (Veh/hr)	Total Junction Arrivals (Veh)
B-C	0.10	8.41	0.1	A	41	62
B-A	0.21	10.83	0.3	B	74	111
C-AB	0.09	6.97	0.1	A	41	62
C-A					21	32
A-B					162	244
A-C					84	127

Main Results for each time segment

06:45 - 07:00

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	34	8	497	0.068	34	0.0	0.1	7.771	A
B-A	61	15	436	0.140	60	0.0	0.2	9.560	A
C-AB	34	8	585	0.058	34	0.0	0.1	6.530	A
C-A	17	4			17				
A-B	133	33			133				
A-C	69	17			69				

07:00 - 07:15

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	40	10	489	0.083	40	0.1	0.1	8.030	A
B-A	73	18	430	0.169	73	0.2	0.2	10.069	B
C-AB	40	10	577	0.070	40	0.1	0.1	6.710	A
C-A	21	5			21				
A-B	159	40			159				
A-C	83	21			83				

07:15 - 07:30

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	50	12	478	0.104	49	0.1	0.1	8.402	A
B-A	89	22	422	0.212	89	0.2	0.3	10.807	B
C-AB	50	12	566	0.088	49	0.1	0.1	6.967	A
C-A	25	6			25				
A-B	195	49			195				
A-C	101	25			101				

07:30 - 07:45

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	50	12	478	0.104	50	0.1	0.1	8.408	A
B-A	89	22	421	0.212	89	0.3	0.3	10.832	B
C-AB	50	12	566	0.088	50	0.1	0.1	6.967	A
C-A	25	6			25				
A-B	195	49			195				
A-C	101	25			101				

07:45 - 08:00

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	40	10	488	0.083	41	0.1	0.1	8.039	A
B-A	73	18	430	0.169	73	0.3	0.2	10.091	B
C-AB	40	10	577	0.070	41	0.1	0.1	6.714	A
C-A	21	5			21				
A-B	159	40			159				
A-C	83	21			83				

08:00 - 08:15

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	34	8	496	0.068	34	0.1	0.1	7.789	A
B-A	61	15	436	0.140	61	0.2	0.2	9.604	A
C-AB	34	8	585	0.058	34	0.1	0.1	6.539	A
C-A	17	4			17				
A-B	133	33			133				
A-C	69	17			69				

2030 with dev, PM

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Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Major road direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	untitled	T-Junction	Two-way		5.75	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	2030 with dev	PM	ONE HOUR	16:15	17:45	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 (Veh/hr)	Scaling Factor (%)
A		ONE HOUR	✓	78	100.000
B		ONE HOUR	✓	189	100.000
C		ONE HOUR	✓	183	100.000

Origin-Destination Data

Demand (Veh/hr)

	To			
	A	B	C	
From	A	0	45	33
	B	145	0	44
	C	139	44	0

Vehicle Mix

Heavy Vehicle Percentages

	To			
	A	B	C	
From	A	10	10	10
	B	10	10	10
	C	10	10	10

Results

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Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (Veh)	Max LOS	Average Demand (Veh/hr)	Total Junction Arrivals (Veh)
B-C	0.11	9.12	0.1	A	40	61
B-A	0.37	13.11	0.6	B	133	200
C-AB	0.08	6.44	0.1	A	40	61
C-A					128	191
A-B					41	62
A-C					30	45

Main Results for each time segment

16:15 - 16:30

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	33	8	464	0.071	33	0.0	0.1	8.339	A
B-A	109	27	447	0.244	108	0.0	0.3	10.588	B
C-AB	33	8	613	0.054	33	0.0	0.1	6.207	A
C-A	105	26			105				
A-B	34	8			34				
A-C	25	6			25				

16:30 - 16:45

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	40	10	456	0.087	39	0.1	0.1	8.648	A
B-A	130	33	441	0.295	130	0.3	0.4	11.545	B
C-AB	40	10	611	0.065	40	0.1	0.1	6.302	A
C-A	125	31			125				
A-B	40	10			40				
A-C	30	7			30				

16:45 - 17:00

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	48	12	443	0.109	48	0.1	0.1	9.114	A
B-A	160	40	434	0.368	159	0.4	0.6	13.050	B
C-AB	48	12	608	0.080	48	0.1	0.1	6.438	A
C-A	153	38			153				
A-B	50	12			50				
A-C	36	9			36				

17:00 - 17:15

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	48	12	443	0.109	48	0.1	0.1	9.124	A
B-A	160	40	434	0.368	160	0.6	0.6	13.109	B
C-AB	48	12	608	0.080	48	0.1	0.1	6.438	A
C-A	153	38			153				
A-B	50	12			50				
A-C	36	9			36				

17:15 - 17:30

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	40	10	455	0.087	40	0.1	0.1	8.665	A
B-A	130	33	441	0.295	131	0.6	0.4	11.617	B
C-AB	40	10	611	0.065	40	0.1	0.1	6.304	A
C-A	125	31			125				
A-B	40	10			40				
A-C	30	7			30				

17:30 - 17:45

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	33	8	464	0.071	33	0.1	0.1	8.366	A
B-A	109	27	447	0.244	110	0.4	0.3	10.692	B
C-AB	33	8	613	0.054	33	0.1	0.1	6.212	A
C-A	105	26			105				
A-B	34	8			34				
A-C	25	6			25				

2040 no dev, AM

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Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Major road direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	untitled	T-Junction	Two-way		2.12	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	2040 no dev	AM	ONE HOUR	06:45	08:15	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 (Veh/hr)	Scaling Factor (%)
A		ONE HOUR	✓	269	100.000
B		ONE HOUR	✓	76	100.000
C		ONE HOUR	✓	37	100.000

Origin-Destination Data

Demand (Veh/hr)

	To			
	A	B	C	
From	A	0	168	101
	B	64	0	12
	C	25	12	0

Vehicle Mix

Heavy Vehicle Percentages

	To			
	A	B	C	
From	A	10	10	10
	B	10	10	10
	C	10	10	10

Results

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Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (Veh)	Max LOS	Average Demand (Veh/hr)	Total Junction Arrivals (Veh)
B-C	0.03	8.56	0.0	A	11	17
B-A	0.16	9.81	0.2	A	59	88
C-AB	0.02	6.51	0.0	A	11	17
C-A					23	34
A-B					154	231
A-C					93	139

Main Results for each time segment

06:45 - 07:00

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	9	2	449	0.020	9	0.0	0.0	8.182	A
B-A	48	12	450	0.107	48	0.0	0.1	8.944	A
C-AB	9	2	585	0.015	9	0.0	0.0	6.253	A
C-A	19	5			19				
A-B	126	32			126				
A-C	76	19			76				

07:00 - 07:15

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	11	3	443	0.024	11	0.0	0.0	8.336	A
B-A	58	14	445	0.129	57	0.1	0.1	9.293	A
C-AB	11	3	577	0.019	11	0.0	0.0	6.358	A
C-A	22	6			22				
A-B	151	38			151				
A-C	91	23			91				

07:15 - 07:30

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	13	3	434	0.030	13	0.0	0.0	8.555	A
B-A	70	18	437	0.161	70	0.1	0.2	9.801	A
C-AB	13	3	566	0.023	13	0.0	0.0	6.509	A
C-A	28	7			28				
A-B	185	46			185				
A-C	111	28			111				

07:30 - 07:45

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	13	3	434	0.030	13	0.0	0.0	8.556	A
B-A	70	18	437	0.161	70	0.2	0.2	9.809	A
C-AB	13	3	566	0.023	13	0.0	0.0	6.509	A
C-A	28	7			28				
A-B	185	46			185				
A-C	111	28			111				

07:45 - 08:00

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	11	3	442	0.024	11	0.0	0.0	8.340	A
B-A	58	14	445	0.129	58	0.2	0.2	9.308	A
C-AB	11	3	577	0.019	11	0.0	0.0	6.361	A
C-A	22	6			22				
A-B	151	38			151				
A-C	91	23			91				

08:00 - 08:15

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	9	2	449	0.020	9	0.0	0.0	8.190	A
B-A	48	12	450	0.107	48	0.2	0.1	8.968	A
C-AB	9	2	585	0.015	9	0.0	0.0	6.256	A
C-A	19	5			19				
A-B	126	32			126				
A-C	76	19			76				

2040 no dev, PM

RECEIVED: 01/03/2024

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Major road direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	untitled	T-Junction	Two-way		4.87	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	2040 no dev	PM	ONE HOUR	16:15	17:45	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 (Veh/hr)	Scaling Factor (%)
A		ONE HOUR	✓	65	100.000
B		ONE HOUR	✓	149	100.000
C		ONE HOUR	✓	163	100.000

Origin-Destination Data

Demand (Veh/hr)

	To			
	A	B	C	
From	A	0	29	36
	B	138	0	11
	C	152	11	0

Vehicle Mix

Heavy Vehicle Percentages

	To			
	A	B	C	
From	A	10	10	10
	B	10	10	10
	C	10	10	10

Results

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Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (Veh)	Max LOS	Average Demand (Veh/hr)	Total Junction Arrivals (Veh)
B-C	0.03	9.08	0.0	A	10	15
B-A	0.34	12.11	0.5	B	127	190
C-AB	0.02	6.02	0.0	A	10	15
C-A					139	209
A-B					27	40
A-C					33	50

Main Results for each time segment

16:15 - 16:30

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	8	2	426	0.019	8	0.0	0.0	8.614	A
B-A	104	26	459	0.226	103	0.0	0.3	10.072	B
C-AB	8	2	615	0.013	8	0.0	0.0	5.934	A
C-A	114	29			114				
A-B	22	5			22				
A-C	27	7			27				

16:30 - 16:45

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	10	2	419	0.024	10	0.0	0.0	8.796	A
B-A	124	31	455	0.273	124	0.3	0.4	10.861	B
C-AB	10	2	613	0.016	10	0.0	0.0	5.968	A
C-A	137	34			137				
A-B	26	7			26				
A-C	32	8			32				

16:45 - 17:00

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	12	3	409	0.030	12	0.0	0.0	9.072	A
B-A	152	38	449	0.338	151	0.4	0.5	12.072	B
C-AB	12	3	610	0.020	12	0.0	0.0	6.016	A
C-A	167	42			167				
A-B	32	8			32				
A-C	40	10			40				

17:00 - 17:15

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	12	3	409	0.030	12	0.0	0.0	9.076	A
B-A	152	38	449	0.338	152	0.5	0.5	12.112	B
C-AB	12	3	610	0.020	12	0.0	0.0	6.016	A
C-A	167	42			167				
A-B	32	8			32				
A-C	40	10			40				

17:15 - 17:30

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	10	2	419	0.024	10	0.0	0.0	8.805	A
B-A	124	31	455	0.273	125	0.5	0.4	10.917	B
C-AB	10	2	613	0.016	10	0.0	0.0	5.969	A
C-A	137	34			137				
A-B	26	7			26				
A-C	32	8			32				

17:30 - 17:45

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	8	2	426	0.019	8	0.0	0.0	8.626	A
B-A	104	26	459	0.226	104	0.4	0.3	10.158	B
C-AB	8	2	615	0.013	8	0.0	0.0	5.937	A
C-A	114	29			114				
A-B	22	5			22				
A-C	27	7			27				

2040 with dev, AM

RECEIVED: 01/03/2024

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Major road direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	untitled	T-Junction	Two-way		3.41	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	2040 with dev	AM	ONE HOUR	06:45	08:15	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 (Veh/hr)	Scaling Factor (%)
A		ONE HOUR	✓	292	100.000
B		ONE HOUR	✓	133	100.000
C		ONE HOUR	✓	71	100.000

Origin-Destination Data

Demand (Veh/hr)

	To			
	A	B	C	
From	A	0	191	101
	B	87	0	46
	C	25	46	0

Vehicle Mix

Heavy Vehicle Percentages

	To			
	A	B	C	
From	A	10	10	10
	B	10	10	10
	C	10	10	10

Results

RECEIVED: 01/03/2024

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (Veh)	Max LOS	Average Demand (Veh/hr)	Total Junction Arrivals (Veh)
B-C	0.11	8.58	0.1	A	42	63
B-A	0.23	11.15	0.3	B	80	120
C-AB	0.09	7.05	0.1	A	42	63
C-A					23	34
A-B					175	263
A-C					93	139

Main Results for each time segment

06:45 - 07:00

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	35	9	491	0.071	34	0.0	0.1	7.887	A
B-A	65	16	434	0.151	65	0.0	0.2	9.720	A
C-AB	35	9	581	0.060	34	0.0	0.1	6.580	A
C-A	19	5			19				
A-B	144	36			144				
A-C	76	19			76				

07:00 - 07:15

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	41	10	482	0.086	41	0.1	0.1	8.169	A
B-A	78	20	428	0.183	78	0.2	0.2	10.287	B
C-AB	41	10	573	0.072	41	0.1	0.1	6.772	A
C-A	22	6			22				
A-B	172	43			172				
A-C	91	23			91				

07:15 - 07:30

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	51	13	470	0.108	51	0.1	0.1	8.576	A
B-A	96	24	419	0.229	96	0.2	0.3	11.130	B
C-AB	51	13	561	0.090	51	0.1	0.1	7.050	A
C-A	28	7			28				
A-B	210	53			210				
A-C	111	28			111				

07:30 - 07:45

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	51	13	470	0.108	51	0.1	0.1	8.582	A
B-A	96	24	419	0.229	96	0.3	0.3	11.150	B
C-AB	51	13	561	0.090	51	0.1	0.1	7.050	A
C-A	28	7			28				
A-B	210	53			210				
A-C	111	28			111				

07:45 - 08:00

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	41	10	482	0.086	41	0.1	0.1	8.180	A
B-A	78	20	428	0.183	78	0.3	0.2	10.316	B
C-AB	41	10	573	0.072	41	0.1	0.1	6.777	A
C-A	22	6			22				
A-B	172	43			172				
A-C	91	23			91				

08:00 - 08:15

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	35	9	490	0.071	35	0.1	0.1	7.908	A
B-A	65	16	434	0.151	66	0.2	0.2	9.770	A
C-AB	35	9	581	0.060	35	0.1	0.1	6.587	A
C-A	19	5			19				
A-B	144	36			144				
A-C	76	19			76				

2040 with dev, PM

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Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Major road direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	untitled	T-Junction	Two-way		5.99	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	2040 with dev	PM	ONE HOUR	16:15	17:45	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 (Veh/hr)	Scaling Factor (%)
A		ONE HOUR	✓	84	100.000
B		ONE HOUR	✓	202	100.000
C		ONE HOUR	✓	197	100.000

Origin-Destination Data

Demand (Veh/hr)

	To			
	A	B	C	
From	A	0	48	36
	B	157	0	45
	C	152	45	0

Vehicle Mix

Heavy Vehicle Percentages

	To			
	A	B	C	
From	A	10	10	10
	B	10	10	10
	C	10	10	10

Results

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Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (Veh)	Max LOS	Average Demand (Veh/hr)	Total Junction Arrivals (Veh)
B-C	0.11	9.36	0.1	A	41	62
B-A	0.40	13.89	0.7	B	144	216
C-AB	0.08	6.47	0.1	A	41	62
C-A					139	209
A-B					44	66
A-C					33	50

Main Results for each time segment

16:15 - 16:30

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	34	8	458	0.074	34	0.0	0.1	8.468	A
B-A	118	30	445	0.265	117	0.0	0.4	10.914	B
C-AB	34	8	612	0.055	34	0.0	0.1	6.220	A
C-A	114	29			114				
A-B	36	9			36				
A-C	27	7			27				

16:30 - 16:45

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	40	10	449	0.090	40	0.1	0.1	8.812	A
B-A	141	35	440	0.321	141	0.4	0.5	12.024	B
C-AB	40	10	610	0.066	40	0.1	0.1	6.324	A
C-A	137	34			137				
A-B	43	11			43				
A-C	32	8			32				

16:45 - 17:00

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	50	12	435	0.114	49	0.1	0.1	9.343	A
B-A	173	43	432	0.400	172	0.5	0.7	13.815	B
C-AB	50	12	606	0.082	49	0.1	0.1	6.465	A
C-A	167	42			167				
A-B	53	13			53				
A-C	40	10			40				

17:00 - 17:15

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	50	12	434	0.114	50	0.1	0.1	9.357	A
B-A	173	43	432	0.400	173	0.7	0.7	13.891	B
C-AB	50	12	606	0.082	50	0.1	0.1	6.465	A
C-A	167	42			167				
A-B	53	13			53				
A-C	40	10			40				

17:15 - 17:30

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	40	10	448	0.090	41	0.1	0.1	8.831	A
B-A	141	35	440	0.321	142	0.7	0.5	12.120	B
C-AB	40	10	610	0.066	41	0.1	0.1	6.326	A
C-A	137	34			137				
A-B	43	11			43				
A-C	32	8			32				

17:30 - 17:45

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-C	34	8	458	0.074	34	0.1	0.1	8.500	A
B-A	118	30	445	0.265	119	0.5	0.4	11.041	B
C-AB	34	8	612	0.055	34	0.1	0.1	6.227	A
C-A	114	29			114				
A-B	36	9			36				
A-C	27	7			27				

Junctions 9	
PICADY 9 - Priority Intersection Module	
Version: 9.5.0.6896 © Copyright TRL Limited, 2018	
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Filename: N29- L3412- L7482-CROSSROADS JUNCTION.j9

Path: S:\Jobs\2023\23063 Slieverue, Co. Kilkenny TIA\23063-01\Reports\Working\PICADY

Report generation date: 16/06/2023 15:26:29

- »2023, AM
- »2023, PM
- »2025 no dev, AM
- »2025 no dev, PM
- »2025 with dev, AM
- »2025 with dev, PM
- »2030 no dev, AM
- »2030 no dev, PM
- »2030 with dev, AM
- »2030 with dev, PM
- »2040 no dev, AM
- »2040 no dev, PM
- »2040 with dev, AM
- »2040 with dev, PM

Summary of junction performance

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	AM				PM			
	Queue (Veh)	Delay (s)	RFC	LOS	Queue (Veh)	Delay (s)	RFC	LOS
2023								
Stream B-CD	0.0	7.65	0.02	A	0.0	7.61	0.00	A
Stream B-A	0.0	11.17	0.01	B	0.0	9.48	0.01	A
Stream AB-CD	0.9	8.77	0.43	A	0.1	6.75	0.08	A
Stream D-ABC	0.1	7.85	0.12	A	0.4	9.10	0.28	A
Stream CD-AB	0.0	6.39	0.00	A	0.0	5.81	0.02	A
2025 no dev								
Stream B-CD	0.0	7.69	0.02	A	0.0	7.62	0.00	A
Stream B-A	0.0	11.27	0.01	B	0.0	9.53	0.01	A
Stream AB-CD	1.0	9.02	0.45	A	0.1	6.78	0.09	A
Stream D-ABC	0.1	7.90	0.13	A	0.4	9.27	0.29	A
Stream CD-AB	0.0	6.43	0.00	A	0.0	5.81	0.02	A
2025 with dev								
Stream B-CD	0.0	7.77	0.02	A	0.0	7.67	0.00	A
Stream B-A	0.0	11.50	0.01	B	0.0	9.68	0.01	A
Stream AB-CD	1.1	9.09	0.46	A	0.1	6.68	0.09	A
Stream D-ABC	0.1	8.03	0.13	A	0.4	9.39	0.29	A
Stream CD-AB	0.0	6.49	0.00	A	0.0	5.86	0.02	A
2030 no dev								
Stream B-CD	0.0	7.87	0.02	A	0.0	7.80	0.00	A
Stream B-A	0.0	11.48	0.02	B	0.0	9.68	0.02	A
Stream AB-CD	1.3	9.88	0.51	A	0.1	6.87	0.10	A
Stream D-ABC	0.2	8.20	0.14	A	0.5	9.85	0.32	A
Stream CD-AB	0.0	6.54	0.00	A	0.0	5.85	0.02	A
2030 with dev								
Stream B-CD	0.0	7.94	0.02	A	0.0	7.86	0.00	A
Stream B-A	0.0	11.72	0.02	B	0.0	9.83	0.02	A
Stream AB-CD	1.4	10.03	0.52	B	0.1	6.78	0.10	A
Stream D-ABC	0.2	8.34	0.14	A	0.5	9.98	0.33	A
Stream CD-AB	0.0	6.60	0.00	A	0.0	5.90	0.02	A
2040 no dev								
Stream B-CD	0.0	8.01	0.02	A	0.0	7.83	0.00	A
Stream B-A	0.0	11.97	0.02	B	0.0	9.84	0.02	A
Stream AB-CD	1.7	11.06	0.57	B	0.1	6.97	0.11	A
Stream D-ABC	0.2	8.44	0.16	A	0.5	10.44	0.36	B
Stream CD-AB	0.0	6.65	0.00	A	0.0	5.88	0.03	A
2040 with dev								
Stream B-CD	0.0	8.09	0.02	A	0.0	7.88	0.00	A
Stream B-A	0.0	12.23	0.02	B	0.0	10.00	0.02	A
Stream AB-CD	1.8	11.34	0.58	B	0.1	6.88	0.11	A
Stream D-ABC	0.2	8.59	0.16	A	0.6	10.59	0.36	B
Stream CD-AB	0.0	6.71	0.00	A	0.0	5.93	0.03	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	
Location	
Site number	
Date	26/01/2021
Version	
Status	(new file)
Identifier	
Client	
Jobnumber	
Enumerator	ROADPLAN01\jbyrne
Description	

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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	Veh	Veh	perHour	s	-Min	perMin

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	2023	AM	ONE HOUR	06:45	08:15	15	✓
D2	2023	PM	ONE HOUR	16:15	17:45	15	✓
D3	2025 no dev	AM	ONE HOUR	06:45	08:15	15	✓
D4	2025 no dev	PM	ONE HOUR	16:15	17:45	15	✓
D5	2025 with dev	AM	ONE HOUR	06:45	08:15	15	✓
D6	2025 with dev	PM	ONE HOUR	16:15	17:45	15	✓
D7	2030 no dev	AM	ONE HOUR	06:45	08:15	15	✓
D8	2030 no dev	PM	ONE HOUR	16:15	17:45	15	✓
D9	2030 with dev	AM	ONE HOUR	06:45	08:15	15	✓
D10	2030 with dev	PM	ONE HOUR	16:15	17:45	15	✓
D11	2040 no dev	AM	ONE HOUR	06:45	08:15	15	✓
D12	2040 no dev	PM	ONE HOUR	16:15	17:45	15	✓
D13	2040 with dev	AM	ONE HOUR	06:45	08:15	15	✓
D14	2040 with dev	PM	ONE HOUR	16:15	17:45	15	✓

Analysis Set Details

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

2023, AM

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Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Major road direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	untitled	Left-Right Stagger	Two-way		2.73	A

Junction Network Options

Driving side	Lighting
Left	Normal/unknown

Arms

Arms

Arm	Name	Description	Arm type
A	N29 (east)		Major
B	L3412		Minor
C	N29 (west)		Major
D	L7485		Minor

Major Arm Geometry

Arm	Width of carriageway (m)	Has kerbed central reserve	Has right turn bay	Width for right turn (m)	Visibility for right turn (m)	Blocks?	Blocking queue (PCU)
A	9.00				150.0	✓	0.00
C	12.00		✓	3.00	150.0	✓	15.00

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)	Width at give-way (m)	Width at 5m (m)	Width at 10m (m)	Width at 15m (m)	Width at 20m (m)	Estimate flare length	Flare length (PCU)	Visibility to left (m)	Visibility to right (m)
B	One lane plus flare		4.40	2.20	2.20	2.20	2.20		1.00	50	50
D	One lane	3.20								50	50

Slope / Intercept / Capacity

Priority Intersection Slopes and Intercepts

Junction	Stream	Intercept (Veh/hr)	Slope for AB	Slope for AC	Slope for AD	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
1	AB-D	661	-	-	-	-	-	0.223	0.223	0.223	-	-
1	B-A	446	0.060	0.152	0.152	-	-	0.095	0.217	-	0.095	0.217
1	B-CD	611	0.069	0.175	0.175	-	-	-	-	-	-	-
1	CD-B	718	0.206	0.206	0.206	-	-	-	-	-	-	-
1	D-AB	669	-	-	-	-	-	0.225	0.225	0.089	-	-
1	D-C	529	-	0.133	0.302	0.133	0.302	0.212	0.212	0.084	-	-

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

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01/03/2024

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	2023	AM	ONE HOUR	06:45	08:15	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 (Veh/hr)	Scaling Factor (%)
A		ONE HOUR	✓	392	100.000
B		ONE HOUR	✓	11	100.000
C		ONE HOUR	✓	83	100.000
D		ONE HOUR	✓	58	100.000

Origin-Destination Data

Demand (Veh/hr)

	To				
	A	B	C	D	
From	A	0	2	198	192
	B	4	0	3	4
	C	81	0	0	2
	D	45	1	12	0

Vehicle Mix

Heavy Vehicle Percentages

	To				
	A	B	C	D	
From	A	10	10	10	10
	B	10	10	10	10
	C	10	10	10	10
	D	10	10	10	10

Results

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Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (Veh)	Max LOS	Average Demand (Veh/hr)	Total Junction Arrivals (Veh)
B-CD	0.02	7.65	0.0	A	6	10
B-A	0.01	11.17	0.0	B	4	6
A-B					2	3
A-C					182	273
A-D					176	264
AB-CD	0.43	8.77	0.9	A	247	370
AB-C					118	176
D-ABC	0.12	7.85	0.1	A	53	80
C-D					2	3
C-A					74	111
C-B					0	0
CD-AB	0.00	6.39	0.0	A	1	1
CD-A					116	173

Main Results for each time segment

06:45 - 07:00

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-CD	5	1	503	0.010	5	0.0	0.0	7.235	A
B-A	3	0.75	351	0.009	3	0.0	0.0	10.330	B
A-B	2	0.38			2				
A-C	149	37			149				
A-D	145	36			145				
AB-CD	189	47	684	0.277	188	0.0	0.5	7.237	A
AB-C	109	27			109				
D-ABC	44	11	541	0.081	43	0.0	0.1	7.230	A
C-D	2	0.38			2				
C-A	61	15			61				
C-B	0	0			0				
CD-AB	0.75	0.19	592	0.001	0.74	0.0	0.0	6.084	A
CD-A	95	24			95				

07:00 - 07:15

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-CD	6	2	492	0.013	6	0.0	0.0	7.403	A
B-A	4	0.90	341	0.011	4	0.0	0.0	10.666	B
A-B	2	0.45			2				
A-C	178	44			178				
A-D	173	43			173				
AB-CD	238	59	701	0.340	237	0.5	0.6	7.775	A
AB-C	119	30			119				
D-ABC	52	13	533	0.098	52	0.1	0.1	7.483	A
C-D	2	0.45			2				
C-A	73	18			73				
C-B	0	0			0				
CD-AB	0.90	0.22	581	0.002	0.90	0.0	0.0	6.209	A
CD-A	113	28			113				

07:15 - 07:30

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-CD	8	2	478	0.016	8	0.0	0.0	7.648	A
B-A	4	1	327	0.013	4	0.0	0.0	11.171	B
A-B	2	0.55			2				
A-C	218	55			218				
A-D	211	53			211				
AB-CD	312	78	724	0.431	311	0.6	0.9	8.720	A
AB-C	125	31			125				
D-ABC	64	16	522	0.122	64	0.1	0.1	7.850	A
C-D	2	0.55			2				
C-A	89	22			89				
C-B	0	0			0				
CD-AB	1	0.27	564	0.002	1	0.0	0.0	6.391	A
CD-A	139	35			139				

07:30 - 07:45

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-CD	8	2	478	0.016	8	0.0	0.0	7.648	A
B-A	4	1	327	0.013	4	0.0	0.0	11.170	B
A-B	2	0.55			2				
A-C	218	55			218				
A-D	211	53			211				
AB-CD	312	78	724	0.431	312	0.9	0.9	8.772	A
AB-C	125	31			125				
D-ABC	64	16	522	0.122	64	0.1	0.1	7.855	A
C-D	2	0.55			2				
C-A	89	22			89				
C-B	0	0			0				
CD-AB	1	0.28	564	0.002	1	0.0	0.0	6.391	A
CD-A	139	35			139				

07:45 - 08:00

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-CD	6	2	492	0.013	6	0.0	0.0	7.407	A
B-A	4	0.90	341	0.011	4	0.0	0.0	10.667	B
A-B	2	0.45			2				
A-C	178	44			178				
A-D	173	43			173				
AB-CD	238	60	701	0.340	240	0.9	0.6	7.837	A
AB-C	118	30			118				
D-ABC	52	13	533	0.098	52	0.1	0.1	7.492	A
C-D	2	0.45			2				
C-A	73	18			73				
C-B	0	0			0				
CD-AB	0.90	0.23	581	0.002	0.90	0.0	0.0	6.212	A
CD-A	113	28			113				

08:00 - 08:15

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-CD	5	1	503	0.010	5	0.0	0.0	7.236	A
B-A	3	0.75	352	0.009	3	0.0	0.0	10.329	B
A-B	2	0.38			2				
A-C	149	37			149				
A-D	145	36			145				
AB-CD	190	48	684	0.278	191	0.6	0.5	7.312	A
AB-C	109	27			109				
D-ABC	44	11	541	0.081	44	0.1	0.1	7.248	A
C-D	2	0.38			2				
C-A	61	15			61				
C-B	0	0			0				
CD-AB	0.75	0.19	592	0.001	0.76	0.0	0.0	6.084	A
CD-A	95	24			95				

2023, PM

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Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Major road direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	untitled	Left-Right Stagger	Two-way		1.89	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	2023	PM	ONE HOUR	16:15	17:45	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 (Veh/hr)	Scaling Factor (%)
A		ONE HOUR	✓	89	100.000
B		ONE HOUR	✓	7	100.000
C		ONE HOUR	✓	227	100.000
D		ONE HOUR	✓	139	100.000

Origin-Destination Data

Demand (Veh/hr)

	To				
	A	B	C	D	
From	A	0	1	50	38
	B	5	0	0	2
	C	208	0	0	19
	D	123	12	4	0

Vehicle Mix

Heavy Vehicle Percentages

	To				
	A	B	C	D	
From	A	10	10	10	10
	B	10	10	10	10
	C	10	10	10	10
	D	10	10	10	10

Results

RECEIVED: 01/03/2024

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (Veh)	Max LOS	Average Demand (Veh/hr)	Total Junction Arrivals (Veh)
B-CD	0.00	7.61	0.0	A	2	3
B-A	0.01	9.48	0.0	A	5	7
A-B					1	1
A-C					46	69
A-D					35	52
AB-CD	0.08	6.75	0.1	A	40	60
AB-C					43	64
D-ABC	0.28	9.10	0.4	A	128	191
C-D					17	26
C-A					191	286
C-B					0	0
CD-AB	0.02	5.81	0.0	A	11	16
CD-A					304	455

Main Results for each time segment

16:15 - 16:30

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-CD	2	0.38	480	0.003	1	0.0	0.0	7.515	A
B-A	4	1	403	0.009	4	0.0	0.0	9.007	A
A-B	0.75	0.19			0.75				
A-C	38	9			38				
A-D	29	7			29				
AB-CD	32	8	587	0.055	32	0.0	0.1	6.477	A
AB-C	36	9			36				
D-ABC	105	26	566	0.185	104	0.0	0.2	7.774	A
C-D	14	4			14				
C-A	157	39			157				
C-B	0	0			0				
CD-AB	9	2	639	0.014	9	0.0	0.0	5.710	A
CD-A	248	62			248				

16:30 - 16:45

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-CD	2	0.45	478	0.004	2	0.0	0.0	7.557	A
B-A	4	1	396	0.011	4	0.0	0.0	9.201	A
A-B	0.90	0.22			0.90				
A-C	45	11			45				
A-D	34	9			34				
AB-CD	39	10	585	0.067	39	0.1	0.1	6.591	A
AB-C	42	10			42				
D-ABC	125	31	559	0.224	125	0.2	0.3	8.290	A
C-D	17	4			17				
C-A	187	47			187				
C-B	0	0			0				
CD-AB	11	3	637	0.017	11	0.0	0.0	5.751	A
CD-A	297	74			297				

16:45 - 17:00

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-CD	2	0.55	475	0.005	2	0.0	0.0	7.613	A
B-A	6	1	385	0.014	5	0.0	0.0	9.481	A
A-B	1	0.28			1				
A-C	55	14			55				
A-D	42	10			42				
AB-CD	49	12	582	0.084	49	0.1	0.1	6.751	A
AB-C	50	13			50				
D-ABC	153	38	549	0.279	153	0.3	0.4	9.079	A
C-D	21	5			21				
C-A	229	57			229				
C-B	0	0			0				
CD-AB	13	3	633	0.021	13	0.0	0.0	5.808	A
CD-A	364	91			364				

17:00 - 17:15

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-CD	2	0.55	475	0.005	2	0.0	0.0	7.613	A
B-A	6	1	385	0.014	6	0.0	0.0	9.482	A
A-B	1	0.28			1				
A-C	55	14			55				
A-D	42	10			42				
AB-CD	49	12	582	0.084	49	0.1	0.1	6.752	A
AB-C	50	13			50				
D-ABC	153	38	549	0.279	153	0.4	0.4	9.097	A
C-D	21	5			21				
C-A	229	57			229				
C-B	0	0			0				
CD-AB	13	3	633	0.021	13	0.0	0.0	5.808	A
CD-A	364	91			364				

17:15 - 17:30

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-CD	2	0.45	478	0.004	2	0.0	0.0	7.561	A
B-A	4	1	396	0.011	5	0.0	0.0	9.204	A
A-B	0.90	0.22			0.90				
A-C	45	11			45				
A-D	34	9			34				
AB-CD	39	10	585	0.067	39	0.1	0.1	6.597	A
AB-C	42	10			42				
D-ABC	125	31	559	0.224	125	0.4	0.3	8.314	A
C-D	17	4			17				
C-A	187	47			187				
C-B	0	0			0				
CD-AB	11	3	637	0.017	11	0.0	0.0	5.752	A
CD-A	298	74			298				

17:30 - 17:45

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-CD	2	0.38	480	0.003	2	0.0	0.0	7.520	A
B-A	4	1	403	0.009	4	0.0	0.0	9.013	A
A-B	0.75	0.19			0.75				
A-C	38	9			38				
A-D	29	7			29				
AB-CD	32	8	587	0.055	32	0.1	0.1	6.487	A
AB-C	36	9			36				
D-ABC	105	26	566	0.185	105	0.3	0.2	7.811	A
C-D	14	4			14				
C-A	157	39			157				
C-B	0	0			0				
CD-AB	9	2	639	0.014	9	0.0	0.0	5.711	A
CD-A	249	62			249				

2025 no dev, AM

RECEIVED: 01/03/2024

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Major road direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	untitled	Left-Right Stagger	Two-way		2.82	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	2025 no dev	AM	ONE HOUR	06:45	08:15	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 (Veh/hr)	Scaling Factor (%)
A		ONE HOUR	✓	406	100.000
B		ONE HOUR	✓	11	100.000
C		ONE HOUR	✓	86	100.000
D		ONE HOUR	✓	60	100.000

Origin-Destination Data

Demand (Veh/hr)

	To				
	A	B	C	D	
From	A	0	2	205	199
	B	4	0	3	4
	C	84	0	0	2
	D	47	1	12	0

Vehicle Mix

Heavy Vehicle Percentages

	To				
	A	B	C	D	
From	A	10	10	10	10
	B	10	10	10	10
	C	10	10	10	10
	D	10	10	10	10

Results

RECEIVED: 01/03/2024

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (Veh)	Max LOS	Average Demand (Veh/hr)	Total Junction Arrivals (Veh)
B-CD	0.02	7.69	0.0	A	6	10
B-A	0.01	11.27	0.0	B	4	6
A-B					2	3
A-C					188	282
A-D					183	274
AB-CD	0.45	9.02	1.0	A	258	387
AB-C					119	178
D-ABC	0.13	7.90	0.1	A	55	83
C-D					2	3
C-A					77	116
C-B					0	0
CD-AB	0.00	6.43	0.0	A	1	1
CD-A					120	180

Main Results for each time segment

06:45 - 07:00

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-CD	5	1	501	0.011	5	0.0	0.0	7.262	A
B-A	3	0.75	350	0.009	3	0.0	0.0	10.387	B
A-B	2	0.38			2				
A-C	154	39			154				
A-D	150	37			150				
AB-CD	198	49	687	0.288	196	0.0	0.5	7.316	A
AB-C	111	28			111				
D-ABC	45	11	541	0.083	45	0.0	0.1	7.249	A
C-D	2	0.38			2				
C-A	63	16			63				
C-B	0	0			0				
CD-AB	0.75	0.19	590	0.001	0.74	0.0	0.0	6.106	A
CD-A	98	25			98				

07:00 - 07:15

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-CD	6	2	490	0.013	6	0.0	0.0	7.437	A
B-A	4	0.90	339	0.011	4	0.0	0.0	10.740	B
A-B	2	0.45			2				
A-C	184	46			184				
A-D	179	45			179				
AB-CD	249	62	704	0.354	248	0.5	0.7	7.902	A
AB-C	120	30			120				
D-ABC	54	13	533	0.101	54	0.1	0.1	7.509	A
C-D	2	0.45			2				
C-A	76	19			76				
C-B	0	0			0				
CD-AB	0.90	0.22	578	0.002	0.90	0.0	0.0	6.237	A
CD-A	118	29			118				

07:15 - 07:30

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-CD	8	2	476	0.016	8	0.0	0.0	7.692	A
B-A	4	1	324	0.014	4	0.0	0.0	11.271	B
A-B	2	0.55			2				
A-C	226	56			226				
A-D	219	55			219				
AB-CD	327	82	728	0.449	326	0.7	1.0	8.954	A
AB-C	125	31			125				
D-ABC	66	17	522	0.127	66	0.1	0.1	7.891	A
C-D	2	0.55			2				
C-A	92	23			92				
C-B	0	0			0				
CD-AB	1	0.27	561	0.002	1	0.0	0.0	6.427	A
CD-A	144	36			144				

07:30 - 07:45

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-CD	8	2	476	0.016	8	0.0	0.0	7.693	A
B-A	4	1	324	0.014	4	0.0	0.0	11.270	B
A-B	2	0.55			2				
A-C	226	56			226				
A-D	219	55			219				
AB-CD	328	82	728	0.450	327	1.0	1.0	9.015	A
AB-C	125	31			125				
D-ABC	66	17	522	0.127	66	0.1	0.1	7.897	A
C-D	2	0.55			2				
C-A	92	23			92				
C-B	0	0			0				
CD-AB	1	0.28	561	0.002	1	0.0	0.0	6.427	A
CD-A	144	36			144				

07:45 - 08:00

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-CD	6	2	490	0.013	6	0.0	0.0	7.438	A
B-A	4	0.90	339	0.011	4	0.0	0.0	10.739	B
A-B	2	0.45			2				
A-C	184	46			184				
A-D	179	45			179				
AB-CD	250	62	705	0.354	251	1.0	0.7	7.974	A
AB-C	120	30			120				
D-ABC	54	13	533	0.101	54	0.1	0.1	7.519	A
C-D	2	0.45			2				
C-A	76	19			76				
C-B	0	0			0				
CD-AB	0.90	0.23	578	0.002	0.90	0.0	0.0	6.237	A
CD-A	118	29			118				

08:00 - 08:15

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-CD	5	1	501	0.011	5	0.0	0.0	7.266	A
B-A	3	0.75	350	0.009	3	0.0	0.0	10.385	B
A-B	2	0.38			2				
A-C	154	39			154				
A-D	150	37			150				
AB-CD	199	50	687	0.289	199	0.7	0.5	7.398	A
AB-C	111	28			111				
D-ABC	45	11	541	0.084	45	0.1	0.1	7.263	A
C-D	2	0.38			2				
C-A	63	16			63				
C-B	0	0			0				
CD-AB	0.75	0.19	590	0.001	0.76	0.0	0.0	6.106	A
CD-A	99	25			99				

2025 no dev, PM

RECEIVED: 01/03/2024

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Major road direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	untitled	Left-Right Stagger	Two-way		1.91	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	2025 no dev	PM	ONE HOUR	16:15	17:45	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 (Veh/hr)	Scaling Factor (%)
A		ONE HOUR	✓	92	100.000
B		ONE HOUR	✓	7	100.000
C		ONE HOUR	✓	236	100.000
D		ONE HOUR	✓	144	100.000

Origin-Destination Data

Demand (Veh/hr)

	To				
	A	B	C	D	
From	A	0	1	52	39
	B	5	0	0	2
	C	216	0	0	20
	D	128	12	4	0

Vehicle Mix

Heavy Vehicle Percentages

	To				
	A	B	C	D	
From	A	10	10	10	10
	B	10	10	10	10
	C	10	10	10	10
	D	10	10	10	10

Results

RECEIVED: 01/03/2024

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (Veh)	Max LOS	Average Demand (Veh/hr)	Total Junction Arrivals (Veh)
B-CD	0.00	7.62	0.0	A	2	3
B-A	0.01	9.53	0.0	A	5	7
A-B					1	1
A-C					48	72
A-D					36	54
AB-CD	0.09	6.78	0.1	A	41	62
AB-C					44	66
D-ABC	0.29	9.27	0.4	A	132	198
C-D					18	28
C-A					198	297
C-B					0	0
CD-AB	0.02	5.81	0.0	A	11	16
CD-A					316	473

Main Results for each time segment

16:15 - 16:30

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-CD	2	0.38	480	0.003	1	0.0	0.0	7.521	A
B-A	4	1	402	0.009	4	0.0	0.0	9.039	A
A-B	0.75	0.19			0.75				
A-C	39	10			39				
A-D	29	7			29				
AB-CD	33	8	587	0.056	33	0.0	0.1	6.493	A
AB-C	37	9			37				
D-ABC	108	27	565	0.192	107	0.0	0.2	7.858	A
C-D	15	4			15				
C-A	163	41			163				
C-B	0	0			0				
CD-AB	9	2	639	0.014	9	0.0	0.0	5.714	A
CD-A	258	65			258				

16:30 - 16:45

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-CD	2	0.45	478	0.004	2	0.0	0.0	7.563	A
B-A	4	1	394	0.011	4	0.0	0.0	9.241	A
A-B	0.90	0.22			0.90				
A-C	47	12			47				
A-D	35	9			35				
AB-CD	40	10	584	0.069	40	0.1	0.1	6.612	A
AB-C	44	11			44				
D-ABC	129	32	557	0.232	129	0.2	0.3	8.405	A
C-D	18	4			18				
C-A	194	49			194				
C-B	0	0			0				
CD-AB	11	3	636	0.017	11	0.0	0.0	5.756	A
CD-A	309	77			309				

16:45 - 17:00

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-CD	2	0.55	474	0.005	2	0.0	0.0	7.621	A
B-A	6	1	383	0.014	5	0.0	0.0	9.532	A
A-B	1	0.28			1				
A-C	57	14			57				
A-D	43	11			43				
AB-CD	50	13	581	0.086	50	0.1	0.1	6.777	A
AB-C	52	13			52				
D-ABC	159	40	547	0.290	158	0.3	0.4	9.251	A
C-D	22	6			22				
C-A	238	59			238				
C-B	0	0			0				
CD-AB	13	3	632	0.021	13	0.0	0.0	5.814	A
CD-A	378	95			378				

17:00 - 17:15

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-CD	2	0.55	474	0.005	2	0.0	0.0	7.622	A
B-A	6	1	383	0.014	6	0.0	0.0	9.534	A
A-B	1	0.28			1				
A-C	57	14			57				
A-D	43	11			43				
AB-CD	50	13	581	0.086	50	0.1	0.1	6.778	A
AB-C	52	13			52				
D-ABC	159	40	547	0.290	159	0.4	0.4	9.271	A
C-D	22	6			22				
C-A	238	59			238				
C-B	0	0			0				
CD-AB	13	3	632	0.021	13	0.0	0.0	5.815	A
CD-A	379	95			379				

17:15 - 17:30

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-CD	2	0.45	478	0.004	2	0.0	0.0	7.567	A
B-A	4	1	394	0.011	5	0.0	0.0	9.243	A
A-B	0.90	0.22			0.90				
A-C	47	12			47				
A-D	35	9			35				
AB-CD	40	10	584	0.069	40	0.1	0.1	6.615	A
AB-C	44	11			44				
D-ABC	129	32	557	0.232	130	0.4	0.3	8.433	A
C-D	18	4			18				
C-A	194	49			194				
C-B	0	0			0				
CD-AB	11	3	636	0.017	11	0.0	0.0	5.759	A
CD-A	310	77			310				

17:30 - 17:45

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-CD	2	0.38	480	0.003	2	0.0	0.0	7.523	A
B-A	4	1	402	0.009	4	0.0	0.0	9.042	A
A-B	0.75	0.19			0.75				
A-C	39	10			39				
A-D	29	7			29				
AB-CD	33	8	587	0.056	33	0.1	0.1	6.503	A
AB-C	37	9			37				
D-ABC	108	27	565	0.192	109	0.3	0.2	7.898	A
C-D	15	4			15				
C-A	163	41			163				
C-B	0	0			0				
CD-AB	9	2	639	0.014	9	0.0	0.0	5.716	A
CD-A	259	65			259				

2025 with dev, AM

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Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Major road direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	untitled	Left-Right Stagger	Two-way		2.71	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	2025 with dev	AM	ONE HOUR	06:45	08:15	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 (Veh/hr)	Scaling Factor (%)
A		ONE HOUR	✓	429	100.000
B		ONE HOUR	✓	11	100.000
C		ONE HOUR	✓	109	100.000
D		ONE HOUR	✓	60	100.000

Origin-Destination Data

Demand (Veh/hr)

	To				
	A	B	C	D	
From	A	0	2	228	199
	B	4	0	3	4
	C	107	0	0	2
	D	47	1	12	0

Vehicle Mix

Heavy Vehicle Percentages

	To				
	A	B	C	D	
From	A	10	10	10	10
	B	10	10	10	10
	C	10	10	10	10
	D	10	10	10	10

Results

RECEIVED: 01/03/2024

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (Veh)	Max LOS	Average Demand (Veh/hr)	Total Junction Arrivals (Veh)
B-CD	0.02	7.77	0.0	A	6	10
B-A	0.01	11.50	0.0	B	4	6
A-B					2	3
A-C					209	314
A-D					183	274
AB-CD	0.46	9.09	1.1	A	268	402
AB-C					130	195
D-ABC	0.13	8.03	0.1	A	55	83
C-D					2	3
C-A					98	147
C-B					0	0
CD-AB	0.00	6.49	0.0	A	1	1
CD-A					141	212

Main Results for each time segment

06:45 - 07:00

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-CD	5	1	498	0.011	5	0.0	0.0	7.307	A
B-A	3	0.75	345	0.009	3	0.0	0.0	10.517	B
A-B	2	0.38			2				
A-C	172	43			172				
A-D	150	37			150				
AB-CD	204	51	694	0.294	202	0.0	0.5	7.290	A
AB-C	123	31			123				
D-ABC	45	11	536	0.084	45	0.0	0.1	7.319	A
C-D	2	0.38			2				
C-A	81	20			81				
C-B	0	0			0				
CD-AB	0.75	0.19	587	0.001	0.74	0.0	0.0	6.143	A
CD-A	116	29			116				

07:00 - 07:15

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-CD	6	2	487	0.013	6	0.0	0.0	7.493	A
B-A	4	0.90	334	0.011	4	0.0	0.0	10.906	B
A-B	2	0.45			2				
A-C	205	51			205				
A-D	179	45			179				
AB-CD	258	65	713	0.362	257	0.5	0.7	7.897	A
AB-C	132	33			132				
D-ABC	54	13	527	0.102	54	0.1	0.1	7.602	A
C-D	2	0.45			2				
C-A	96	24			96				
C-B	0	0			0				
CD-AB	0.90	0.22	574	0.002	0.90	0.0	0.0	6.283	A
CD-A	138	35			138				

07:15 - 07:30

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-CD	8	2	471	0.016	8	0.0	0.0	7.766	A
B-A	4	1	318	0.014	4	0.0	0.0	11.496	B
A-B	2	0.55			2				
A-C	251	63			251				
A-D	219	55			219				
AB-CD	342	85	740	0.462	340	0.7	1.1	9.022	A
AB-C	136	34			136				
D-ABC	66	17	515	0.128	66	0.1	0.1	8.018	A
C-D	2	0.55			2				
C-A	118	29			118				
C-B	0	0			0				
CD-AB	1	0.27	556	0.002	1	0.0	0.0	6.487	A
CD-A	169	42			169				

07:30 - 07:45

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-CD	8	2	471	0.016	8	0.0	0.0	7.766	A
B-A	4	1	318	0.014	4	0.0	0.0	11.495	B
A-B	2	0.55			2				
A-C	251	63			251				
A-D	219	55			219				
AB-CD	342	86	740	0.463	342	1.1	1.1	9.090	A
AB-C	135	34			135				
D-ABC	66	17	515	0.128	66	0.1	0.1	8.025	A
C-D	2	0.55			2				
C-A	118	29			118				
C-B	0	0			0				
CD-AB	1	0.28	556	0.002	1	0.0	0.0	6.487	A
CD-A	170	42			170				

07:45 - 08:00

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-CD	6	2	487	0.013	6	0.0	0.0	7.494	A
B-A	4	0.90	334	0.011	4	0.0	0.0	10.905	B
A-B	2	0.45			2				
A-C	205	51			205				
A-D	179	45			179				
AB-CD	259	65	714	0.362	260	1.1	0.7	7.979	A
AB-C	131	33			131				
D-ABC	54	13	527	0.102	54	0.1	0.1	7.609	A
C-D	2	0.45			2				
C-A	96	24			96				
C-B	0	0			0				
CD-AB	0.90	0.23	574	0.002	0.90	0.0	0.0	6.283	A
CD-A	139	35			139				

08:00 - 08:15

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-CD	5	1	498	0.011	5	0.0	0.0	7.311	A
B-A	3	0.75	345	0.009	3	0.0	0.0	10.517	B
A-B	2	0.38			2				
A-C	172	43			172				
A-D	150	37			150				
AB-CD	205	51	695	0.294	205	0.7	0.5	7.376	A
AB-C	122	31			122				
D-ABC	45	11	536	0.084	45	0.1	0.1	7.335	A
C-D	2	0.38			2				
C-A	81	20			81				
C-B	0	0			0				
CD-AB	0.75	0.19	587	0.001	0.76	0.0	0.0	6.146	A
CD-A	116	29			116				

2025 with dev, PM

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Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Major road direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	untitled	Left-Right Stagger	Two-way		1.79	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	2025 with dev	PM	ONE HOUR	16:15	17:45	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 (Veh/hr)	Scaling Factor (%)
A		ONE HOUR	✓	111	100.000
B		ONE HOUR	✓	7	100.000
C		ONE HOUR	✓	255	100.000
D		ONE HOUR	✓	144	100.000

Origin-Destination Data

Demand (Veh/hr)

	To				
	A	B	C	D	
From	A	0	1	71	39
	B	5	0	0	2
	C	235	0	0	20
	D	128	12	4	0

Vehicle Mix

Heavy Vehicle Percentages

	To				
	A	B	C	D	
From	A	10	10	10	10
	B	10	10	10	10
	C	10	10	10	10
	D	10	10	10	10

Results

RECEIVED: 01/03/2024

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (Veh)	Max LOS	Average Demand (Veh/hr)	Total Junction Arrivals (Veh)
B-CD	0.00	7.67	0.0	A	2	3
B-A	0.01	9.68	0.0	A	5	7
A-B					1	1
A-C					65	98
A-D					36	54
AB-CD	0.09	6.68	0.1	A	42	64
AB-C					60	90
D-ABC	0.29	9.39	0.4	A	132	198
C-D					18	28
C-A					216	323
C-B					0	0
CD-AB	0.02	5.86	0.0	A	11	16
CD-A					333	499

Main Results for each time segment

16:15 - 16:30

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-CD	2	0.38	478	0.003	1	0.0	0.0	7.556	A
B-A	4	1	398	0.009	4	0.0	0.0	9.127	A
A-B	0.75	0.19			0.75				
A-C	53	13			53				
A-D	29	7			29				
AB-CD	34	8	593	0.057	34	0.0	0.1	6.430	A
AB-C	50	13			50				
D-ABC	108	27	561	0.193	107	0.0	0.2	7.914	A
C-D	15	4			15				
C-A	177	44			177				
C-B	0	0			0				
CD-AB	9	2	636	0.014	9	0.0	0.0	5.741	A
CD-A	272	68			272				

16:30 - 16:45

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-CD	2	0.45	475	0.004	2	0.0	0.0	7.606	A
B-A	4	1	389	0.012	4	0.0	0.0	9.352	A
A-B	0.90	0.22			0.90				
A-C	64	16			64				
A-D	35	9			35				
AB-CD	41	10	592	0.070	41	0.1	0.1	6.535	A
AB-C	59	15			59				
D-ABC	129	32	553	0.234	129	0.2	0.3	8.484	A
C-D	18	4			18				
C-A	211	53			211				
C-B	0	0			0				
CD-AB	11	3	633	0.017	11	0.0	0.0	5.789	A
CD-A	326	82			326				

16:45 - 17:00

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-CD	2	0.55	471	0.005	2	0.0	0.0	7.674	A
B-A	6	1	377	0.015	5	0.0	0.0	9.677	A
A-B	1	0.28			1				
A-C	78	20			78				
A-D	43	11			43				
AB-CD	52	13	591	0.088	52	0.1	0.1	6.682	A
AB-C	71	18			71				
D-ABC	159	40	542	0.293	158	0.3	0.4	9.368	A
C-D	22	6			22				
C-A	259	65			259				
C-B	0	0			0				
CD-AB	13	3	628	0.021	13	0.0	0.0	5.855	A
CD-A	399	100			399				

17:00 - 17:15

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-CD	2	0.55	471	0.005	2	0.0	0.0	7.675	A
B-A	6	1	377	0.015	6	0.0	0.0	9.678	A
A-B	1	0.28			1				
A-C	78	20			78				
A-D	43	11			43				
AB-CD	52	13	591	0.088	52	0.1	0.1	6.683	A
AB-C	71	18			71				
D-ABC	159	40	542	0.293	159	0.4	0.4	9.388	A
C-D	22	6			22				
C-A	259	65			259				
C-B	0	0			0				
CD-AB	13	3	628	0.021	13	0.0	0.0	5.855	A
CD-A	400	100			400				

17:15 - 17:30

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-CD	2	0.45	475	0.004	2	0.0	0.0	7.610	A
B-A	4	1	389	0.012	5	0.0	0.0	9.354	A
A-B	0.90	0.22			0.90				
A-C	64	16			64				
A-D	35	9			35				
AB-CD	41	10	592	0.070	41	0.1	0.1	6.541	A
AB-C	59	15			59				
D-ABC	129	32	553	0.234	130	0.4	0.3	8.510	A
C-D	18	4			18				
C-A	211	53			211				
C-B	0	0			0				
CD-AB	11	3	633	0.017	11	0.0	0.0	5.790	A
CD-A	327	82			327				

17:30 - 17:45

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-CD	2	0.38	478	0.003	2	0.0	0.0	7.558	A
B-A	4	1	398	0.009	4	0.0	0.0	9.131	A
A-B	0.75	0.19			0.75				
A-C	53	13			53				
A-D	29	7			29				
AB-CD	34	8	593	0.057	34	0.1	0.1	6.440	A
AB-C	50	13			50				
D-ABC	108	27	561	0.193	109	0.3	0.2	7.956	A
C-D	15	4			15				
C-A	177	44			177				
C-B	0	0			0				
CD-AB	9	2	636	0.014	9	0.0	0.0	5.745	A
CD-A	274	68			274				

2030 no dev, AM

RECEIVED: 01/03/2024

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Major road direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	untitled	Left-Right Stagger	Two-way		3.16	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	2030 no dev	AM	ONE HOUR	06:45	08:15	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 (Veh/hr)	Scaling Factor (%)
A		ONE HOUR	✓	447	100.000
B		ONE HOUR	✓	13	100.000
C		ONE HOUR	✓	94	100.000
D		ONE HOUR	✓	66	100.000

Origin-Destination Data

Demand (Veh/hr)

	To				
	A	B	C	D	
From	A	0	2	226	219
	B	5	0	3	5
	C	92	0	0	2
	D	51	1	14	0

Vehicle Mix

Heavy Vehicle Percentages

	To				
	A	B	C	D	
From	A	10	10	10	10
	B	10	10	10	10
	C	10	10	10	10
	D	10	10	10	10

Results

RECEIVED: 01/03/2024

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (Veh)	Max LOS	Average Demand (Veh/hr)	Total Junction Arrivals (Veh)
B-CD	0.02	7.87	0.0	A	7	11
B-A	0.02	11.48	0.0	B	5	7
A-B					2	3
A-C					207	311
A-D					201	301
AB-CD	0.51	9.88	1.3	A	295	442
AB-C					121	182
D-ABC	0.14	8.20	0.2	A	61	91
C-D					2	3
C-A					84	127
C-B					0	0
CD-AB	0.00	6.54	0.0	A	1	1
CD-A					131	197

Main Results for each time segment

06:45 - 07:00

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-CD	6	2	494	0.012	6	0.0	0.0	7.372	A
B-A	4	1	348	0.011	4	0.0	0.0	10.465	B
A-B	2	0.38			2				
A-C	170	43			170				
A-D	165	41			165				
AB-CD	224	56	696	0.322	222	0.0	0.6	7.580	A
AB-C	117	29			117				
D-ABC	50	12	534	0.093	49	0.0	0.1	7.417	A
C-D	2	0.38			2				
C-A	69	17			69				
C-B	0	0			0				
CD-AB	0.75	0.19	584	0.001	0.74	0.0	0.0	6.173	A
CD-A	107	27			107				

07:00 - 07:15

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-CD	7	2	483	0.015	7	0.0	0.0	7.572	A
B-A	4	1	336	0.013	4	0.0	0.0	10.868	B
A-B	2	0.45			2				
A-C	203	51			203				
A-D	197	49			197				
AB-CD	284	71	715	0.397	283	0.6	0.8	8.333	A
AB-C	124	31			124				
D-ABC	59	15	525	0.113	59	0.1	0.1	7.726	A
C-D	2	0.45			2				
C-A	83	21			83				
C-B	0	0			0				
CD-AB	0.90	0.22	570	0.002	0.90	0.0	0.0	6.320	A
CD-A	128	32			128				

07:15 - 07:30

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-CD	9	2	466	0.019	9	0.0	0.0	7.866	A
B-A	6	1	319	0.017	5	0.0	0.0	11.480	B
A-B	2	0.55			2				
A-C	249	62			249				
A-D	241	60			241				
AB-CD	375	94	741	0.506	373	0.8	1.3	9.782	A
AB-C	124	31			124				
D-ABC	73	18	512	0.142	73	0.1	0.2	8.189	A
C-D	2	0.55			2				
C-A	101	25			101				
C-B	0	0			0				
CD-AB	1	0.27	552	0.002	1	0.0	0.0	6.535	A
CD-A	157	39			157				

07:30 - 07:45

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-CD	9	2	466	0.019	9	0.0	0.0	7.866	A
B-A	6	1	319	0.017	6	0.0	0.0	11.479	B
A-B	2	0.55			2				
A-C	249	62			249				
A-D	241	60			241				
AB-CD	376	94	742	0.506	376	1.3	1.3	9.881	A
AB-C	123	31			123				
D-ABC	73	18	512	0.142	73	0.2	0.2	8.197	A
C-D	2	0.55			2				
C-A	101	25			101				
C-B	0	0			0				
CD-AB	1	0.28	552	0.002	1	0.0	0.0	6.535	A
CD-A	157	39			157				

07:45 - 08:00

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-CD	7	2	483	0.015	7	0.0	0.0	7.573	A
B-A	4	1	336	0.013	5	0.0	0.0	10.869	B
A-B	2	0.45			2				
A-C	203	51			203				
A-D	197	49			197				
AB-CD	284	71	716	0.397	286	1.3	0.8	8.443	A
AB-C	123	31			123				
D-ABC	59	15	525	0.113	59	0.2	0.1	7.740	A
C-D	2	0.45			2				
C-A	83	21			83				
C-B	0	0			0				
CD-AB	0.90	0.23	570	0.002	0.90	0.0	0.0	6.323	A
CD-A	129	32			129				

08:00 - 08:15

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-CD	6	2	494	0.012	6	0.0	0.0	7.376	A
B-A	4	1	348	0.011	4	0.0	0.0	10.464	B
A-B	2	0.38			2				
A-C	170	43			170				
A-D	165	41			165				
AB-CD	225	56	696	0.323	226	0.8	0.6	7.684	A
AB-C	116	29			116				
D-ABC	50	12	534	0.093	50	0.1	0.1	7.440	A
C-D	2	0.38			2				
C-A	69	17			69				
C-B	0	0			0				
CD-AB	0.75	0.19	584	0.001	0.76	0.0	0.0	6.173	A
CD-A	108	27			108				

2030 no dev, PM

RECEIVED: 01/03/2024

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Major road direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	untitled	Left-Right Stagger	Two-way		2.02	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	2030 no dev	PM	ONE HOUR	16:15	17:45	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 (Veh/hr)	Scaling Factor (%)
A		ONE HOUR	✓	101	100.000
B		ONE HOUR	✓	8	100.000
C		ONE HOUR	✓	259	100.000
D		ONE HOUR	✓	159	100.000

Origin-Destination Data

Demand (Veh/hr)

	To				
	A	B	C	D	
From	A	0	1	57	43
	B	6	0	0	2
	C	237	0	0	22
	D	140	14	5	0

Vehicle Mix

Heavy Vehicle Percentages

	To				
	A	B	C	D	
From	A	10	10	10	10
	B	10	10	10	10
	C	10	10	10	10
	D	10	10	10	10

Results

RECEIVED: 01/03/2024

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (Veh)	Max LOS	Average Demand (Veh/hr)	Total Junction Arrivals (Veh)
B-CD	0.00	7.80	0.0	A	2	3
B-A	0.02	9.68	0.0	A	6	8
A-B					1	1
A-C					52	78
A-D					39	59
AB-CD	0.10	6.87	0.1	A	46	68
AB-C					48	72
D-ABC	0.32	9.85	0.5	A	146	219
C-D					20	30
C-A					217	326
C-B					0	0
CD-AB	0.02	5.85	0.0	A	13	19
CD-A					346	519

Main Results for each time segment

16:15 - 16:30

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-CD	2	0.38	470	0.003	1	0.0	0.0	7.689	A
B-A	5	1	399	0.011	4	0.0	0.0	9.117	A
A-B	0.75	0.19			0.75				
A-C	43	11			43				
A-D	32	8			32				
AB-CD	37	9	586	0.062	36	0.0	0.1	6.550	A
AB-C	40	10			40				
D-ABC	120	30	560	0.214	119	0.0	0.3	8.132	A
C-D	17	4			17				
C-A	178	45			178				
C-B	0	0			0				
CD-AB	10	3	637	0.016	10	0.0	0.0	5.741	A
CD-A	283	71			283				

16:30 - 16:45

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-CD	2	0.45	467	0.004	2	0.0	0.0	7.737	A
B-A	5	1	390	0.014	5	0.0	0.0	9.348	A
A-B	0.90	0.22			0.90				
A-C	51	13			51				
A-D	39	10			39				
AB-CD	44	11	583	0.076	44	0.1	0.1	6.683	A
AB-C	47	12			47				
D-ABC	143	36	552	0.259	143	0.3	0.3	8.787	A
C-D	20	5			20				
C-A	213	53			213				
C-B	0	0			0				
CD-AB	13	3	634	0.020	13	0.0	0.0	5.788	A
CD-A	339	85			339				

16:45 - 17:00

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-CD	2	0.55	464	0.005	2	0.0	0.0	7.802	A
B-A	7	2	378	0.017	7	0.0	0.0	9.681	A
A-B	1	0.28			1				
A-C	63	16			63				
A-D	47	12			47				
AB-CD	56	14	579	0.096	55	0.1	0.1	6.871	A
AB-C	57	14			57				
D-ABC	175	44	541	0.324	175	0.3	0.5	9.821	A
C-D	24	6			24				
C-A	261	65			261				
C-B	0	0			0				
CD-AB	15	4	630	0.024	15	0.0	0.0	5.854	A
CD-A	415	104			415				

17:00 - 17:15

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-CD	2	0.55	464	0.005	2	0.0	0.0	7.803	A
B-A	7	2	378	0.017	7	0.0	0.0	9.683	A
A-B	1	0.28			1				
A-C	63	16			63				
A-D	47	12			47				
AB-CD	56	14	579	0.096	56	0.1	0.1	6.872	A
AB-C	57	14			57				
D-ABC	175	44	541	0.324	175	0.5	0.5	9.848	A
C-D	24	6			24				
C-A	261	65			261				
C-B	0	0			0				
CD-AB	15	4	630	0.024	15	0.0	0.0	5.855	A
CD-A	415	104			415				

17:15 - 17:30

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-CD	2	0.45	467	0.004	2	0.0	0.0	7.738	A
B-A	5	1	390	0.014	5	0.0	0.0	9.351	A
A-B	0.90	0.22			0.90				
A-C	51	13			51				
A-D	39	10			39				
AB-CD	44	11	583	0.076	45	0.1	0.1	6.686	A
AB-C	47	12			47				
D-ABC	143	36	552	0.259	143	0.5	0.4	8.820	A
C-D	20	5			20				
C-A	213	53			213				
C-B	0	0			0				
CD-AB	13	3	634	0.020	13	0.0	0.0	5.792	A
CD-A	339	85			339				

17:30 - 17:45

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-CD	2	0.38	470	0.003	2	0.0	0.0	7.691	A
B-A	5	1	399	0.011	5	0.0	0.0	9.125	A
A-B	0.75	0.19			0.75				
A-C	43	11			43				
A-D	32	8			32				
AB-CD	37	9	586	0.062	37	0.1	0.1	6.558	A
AB-C	40	10			40				
D-ABC	120	30	560	0.214	120	0.4	0.3	8.184	A
C-D	17	4			17				
C-A	178	45			178				
C-B	0	0			0				
CD-AB	11	3	637	0.017	11	0.0	0.0	5.744	A
CD-A	284	71			284				

2030 with dev, AM

RECEIVED: 01/03/2024

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Major road direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	untitled	Left-Right Stagger	Two-way		3.08	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	2030 with dev	AM	ONE HOUR	06:45	08:15	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 (Veh/hr)	Scaling Factor (%)
A		ONE HOUR	✓	470	100.000
B		ONE HOUR	✓	13	100.000
C		ONE HOUR	✓	117	100.000
D		ONE HOUR	✓	66	100.000

Origin-Destination Data

Demand (Veh/hr)

	To				
	A	B	C	D	
From	A	0	2	249	219
	B	5	0	3	5
	C	115	0	0	2
	D	51	1	14	0

Vehicle Mix

Heavy Vehicle Percentages

	To				
	A	B	C	D	
From	A	10	10	10	10
	B	10	10	10	10
	C	10	10	10	10
	D	10	10	10	10

Results

RECEIVED: 01/03/2024

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (Veh)	Max LOS	Average Demand (Veh/hr)	Total Junction Arrivals (Veh)
B-CD	0.02	7.94	0.0	A	7	11
B-A	0.02	11.72	0.0	B	5	7
A-B					2	3
A-C					228	343
A-D					201	301
AB-CD	0.52	10.03	1.4	B	306	459
AB-C					131	196
D-ABC	0.14	8.34	0.2	A	61	91
C-D					2	3
C-A					106	158
C-B					0	0
CD-AB	0.00	6.60	0.0	A	1	1
CD-A					152	228

Main Results for each time segment

06:45 - 07:00

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-CD	6	2	491	0.012	6	0.0	0.0	7.418	A
B-A	4	1	343	0.011	4	0.0	0.0	10.599	B
A-B	2	0.38			2				
A-C	187	47			187				
A-D	165	41			165				
AB-CD	231	58	703	0.328	228	0.0	0.6	7.556	A
AB-C	127	32			127				
D-ABC	50	12	529	0.094	49	0.0	0.1	7.492	A
C-D	2	0.38			2				
C-A	87	22			87				
C-B	0	0			0				
CD-AB	0.75	0.19	580	0.001	0.74	0.0	0.0	6.211	A
CD-A	125	31			125				

07:00 - 07:15

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-CD	7	2	479	0.015	7	0.0	0.0	7.630	A
B-A	4	1	331	0.014	4	0.0	0.0	11.040	B
A-B	2	0.45			2				
A-C	224	56			224				
A-D	197	49			197				
AB-CD	294	73	724	0.406	293	0.6	0.9	8.351	A
AB-C	134	34			134				
D-ABC	59	15	519	0.114	59	0.1	0.1	7.826	A
C-D	2	0.45			2				
C-A	103	26			103				
C-B	0	0			0				
CD-AB	0.90	0.22	566	0.002	0.90	0.0	0.0	6.368	A
CD-A	149	37			149				

07:15 - 07:30

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-CD	9	2	462	0.019	9	0.0	0.0	7.943	A
B-A	6	1	313	0.018	5	0.0	0.0	11.717	B
A-B	2	0.55			2				
A-C	274	69			274				
A-D	241	60			241				
AB-CD	392	98	753	0.521	390	0.9	1.4	9.921	A
AB-C	132	33			132				
D-ABC	73	18	505	0.144	73	0.1	0.2	8.330	A
C-D	2	0.55			2				
C-A	127	32			127				
C-B	0	0			0				
CD-AB	1	0.27	547	0.002	1	0.0	0.0	6.598	A
CD-A	183	46			183				

07:30 - 07:45

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-CD	9	2	462	0.019	9	0.0	0.0	7.943	A
B-A	6	1	313	0.018	6	0.0	0.0	11.716	B
A-B	2	0.55			2				
A-C	274	69			274				
A-D	241	60			241				
AB-CD	393	98	754	0.521	393	1.4	1.4	10.035	B
AB-C	131	33			131				
D-ABC	73	18	504	0.144	73	0.2	0.2	8.339	A
C-D	2	0.55			2				
C-A	127	32			127				
C-B	0	0			0				
CD-AB	1	0.28	547	0.002	1	0.0	0.0	6.598	A
CD-A	183	46			183				

07:45 - 08:00

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-CD	7	2	479	0.015	7	0.0	0.0	7.634	A
B-A	4	1	331	0.014	5	0.0	0.0	11.041	B
A-B	2	0.45			2				
A-C	224	56			224				
A-D	197	49			197				
AB-CD	295	74	725	0.406	297	1.4	0.9	8.472	A
AB-C	133	33			133				
D-ABC	59	15	519	0.114	59	0.2	0.1	7.841	A
C-D	2	0.45			2				
C-A	103	26			103				
C-B	0	0			0				
CD-AB	0.90	0.23	566	0.002	0.90	0.0	0.0	6.368	A
CD-A	149	37			149				

08:00 - 08:15

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-CD	6	2	491	0.012	6	0.0	0.0	7.420	A
B-A	4	1	343	0.011	4	0.0	0.0	10.597	B
A-B	2	0.38			2				
A-C	187	47			187				
A-D	165	41			165				
AB-CD	232	58	704	0.329	233	0.9	0.6	7.674	A
AB-C	127	32			127				
D-ABC	50	12	529	0.094	50	0.1	0.1	7.513	A
C-D	2	0.38			2				
C-A	87	22			87				
C-B	0	0			0				
CD-AB	0.75	0.19	580	0.001	0.76	0.0	0.0	6.213	A
CD-A	125	31			125				

2030 with dev, PM

RECEIVED: 01/03/2024

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Major road direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	untitled	Left-Right Stagger	Two-way		1.91	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	2030 with dev	PM	ONE HOUR	16:15	17:45	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 (Veh/hr)	Scaling Factor (%)
A		ONE HOUR	✓	120	100.000
B		ONE HOUR	✓	8	100.000
C		ONE HOUR	✓	278	100.000
D		ONE HOUR	✓	159	100.000

Origin-Destination Data

Demand (Veh/hr)

	To				
	A	B	C	D	
From	A	0	1	76	43
	B	6	0	0	2
	C	256	0	0	22
	D	140	14	5	0

Vehicle Mix

Heavy Vehicle Percentages

	To				
	A	B	C	D	
From	A	10	10	10	10
	B	10	10	10	10
	C	10	10	10	10
	D	10	10	10	10

Results

RECEIVED: 01/03/2024

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (Veh)	Max LOS	Average Demand (Veh/hr)	Total Junction Arrivals (Veh)
B-CD	0.00	7.86	0.0	A	2	3
B-A	0.02	9.83	0.0	A	6	8
A-B					1	1
A-C					70	105
A-D					39	59
AB-CD	0.10	6.78	0.1	A	47	71
AB-C					64	96
D-ABC	0.33	9.98	0.5	A	146	219
C-D					20	30
C-A					235	352
C-B					0	0
CD-AB	0.02	5.90	0.0	A	13	19
CD-A					363	545

Main Results for each time segment

16:15 - 16:30

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-CD	2	0.38	467	0.003	1	0.0	0.0	7.725	A
B-A	5	1	395	0.011	4	0.0	0.0	9.207	A
A-B	0.75	0.19			0.75				
A-C	57	14			57				
A-D	32	8			32				
AB-CD	37	9	592	0.063	37	0.0	0.1	6.486	A
AB-C	54	13			54				
D-ABC	120	30	557	0.215	119	0.0	0.3	8.194	A
C-D	17	4			17				
C-A	193	48			193				
C-B	0	0			0				
CD-AB	10	3	634	0.016	10	0.0	0.0	5.768	A
CD-A	297	74			297				

16:30 - 16:45

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-CD	2	0.45	464	0.004	2	0.0	0.0	7.780	A
B-A	5	1	386	0.014	5	0.0	0.0	9.462	A
A-B	0.90	0.22			0.90				
A-C	68	17			68				
A-D	39	10			39				
AB-CD	46	11	591	0.078	46	0.1	0.1	6.605	A
AB-C	63	16			63				
D-ABC	143	36	548	0.261	143	0.3	0.3	8.872	A
C-D	20	5			20				
C-A	230	58			230				
C-B	0	0			0				
CD-AB	13	3	631	0.020	13	0.0	0.0	5.821	A
CD-A	356	89			356				

16:45 - 17:00

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-CD	2	0.55	460	0.005	2	0.0	0.0	7.857	A
B-A	7	2	373	0.018	7	0.0	0.0	9.831	A
A-B	1	0.28			1				
A-C	84	21			84				
A-D	47	12			47				
AB-CD	58	14	589	0.098	58	0.1	0.1	6.775	A
AB-C	75	19			75				
D-ABC	175	44	536	0.327	175	0.3	0.5	9.952	A
C-D	24	6			24				
C-A	282	70			282				
C-B	0	0			0				
CD-AB	15	4	626	0.025	15	0.0	0.0	5.895	A
CD-A	436	109			436				

17:00 - 17:15

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-CD	2	0.55	460	0.005	2	0.0	0.0	7.857	A
B-A	7	2	373	0.018	7	0.0	0.0	9.833	A
A-B	1	0.28			1				
A-C	84	21			84				
A-D	47	12			47				
AB-CD	58	14	589	0.098	58	0.1	0.1	6.779	A
AB-C	75	19			75				
D-ABC	175	44	536	0.327	175	0.5	0.5	9.981	A
C-D	24	6			24				
C-A	282	70			282				
C-B	0	0			0				
CD-AB	15	4	626	0.025	15	0.0	0.0	5.896	A
CD-A	436	109			436				

17:15 - 17:30

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-CD	2	0.45	464	0.004	2	0.0	0.0	7.781	A
B-A	5	1	386	0.014	5	0.0	0.0	9.465	A
A-B	0.90	0.22			0.90				
A-C	68	17			68				
A-D	39	10			39				
AB-CD	46	11	591	0.078	46	0.1	0.1	6.609	A
AB-C	63	16			63				
D-ABC	143	36	548	0.261	143	0.5	0.4	8.909	A
C-D	20	5			20				
C-A	230	58			230				
C-B	0	0			0				
CD-AB	13	3	631	0.020	13	0.0	0.0	5.824	A
CD-A	356	89			356				

17:30 - 17:45

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-CD	2	0.38	467	0.003	2	0.0	0.0	7.727	A
B-A	5	1	395	0.011	5	0.0	0.0	9.213	A
A-B	0.75	0.19			0.75				
A-C	57	14			57				
A-D	32	8			32				
AB-CD	38	9	592	0.063	38	0.1	0.1	6.497	A
AB-C	54	13			54				
D-ABC	120	30	557	0.215	120	0.4	0.3	8.245	A
C-D	17	4			17				
C-A	193	48			193				
C-B	0	0			0				
CD-AB	11	3	634	0.017	11	0.0	0.0	5.769	A
CD-A	298	75			298				

2040 no dev, AM

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Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Major road direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	untitled	Left-Right Stagger	Two-way		3.58	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	2040 no dev	AM	ONE HOUR	06:45	08:15	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 (Veh/hr)	Scaling Factor (%)
A		ONE HOUR	✓	489	100.000
B		ONE HOUR	✓	14	100.000
C		ONE HOUR	✓	103	100.000
D		ONE HOUR	✓	72	100.000

Origin-Destination Data

Demand (Veh/hr)

	To				
	A	B	C	D	
From	A	0	2	247	240
	B	5	0	4	5
	C	101	0	0	2
	D	56	1	15	0

Vehicle Mix

Heavy Vehicle Percentages

	To				
	A	B	C	D	
From	A	10	10	10	10
	B	10	10	10	10
	C	10	10	10	10
	D	10	10	10	10

Results

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Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (Veh)	Max LOS	Average Demand (Veh/hr)	Total Junction Arrivals (Veh)
B-CD	0.02	8.01	0.0	A	8	12
B-A	0.02	11.97	0.0	B	5	7
A-B					2	3
A-C					227	340
A-D					220	330
AB-CD	0.57	11.06	1.7	B	334	501
AB-C					121	182
D-ABC	0.16	8.44	0.2	A	66	99
C-D					2	3
C-A					93	139
C-B					0	0
CD-AB	0.00	6.65	0.0	A	1	1
CD-A					144	216

Main Results for each time segment

06:45 - 07:00

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-CD	7	2	490	0.014	7	0.0	0.0	7.449	A
B-A	4	1	337	0.011	4	0.0	0.0	10.799	B
A-B	2	0.38			2				
A-C	186	46			186				
A-D	181	45			181				
AB-CD	252	63	705	0.357	249	0.0	0.7	7.869	A
AB-C	121	30			121				
D-ABC	54	14	531	0.102	54	0.0	0.1	7.539	A
C-D	2	0.38			2				
C-A	76	19			76				
C-B	0	0			0				
CD-AB	0.75	0.19	577	0.001	0.74	0.0	0.0	6.242	A
CD-A	118	29			118				

07:00 - 07:15

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-CD	8	2	477	0.017	8	0.0	0.0	7.673	A
B-A	4	1	324	0.014	4	0.0	0.0	11.262	B
A-B	2	0.45			2				
A-C	222	56			222				
A-D	216	54			216				
AB-CD	321	80	726	0.441	319	0.7	1.0	8.855	A
AB-C	125	31			125				
D-ABC	65	16	521	0.124	65	0.1	0.1	7.892	A
C-D	2	0.45			2				
C-A	91	23			91				
C-B	0	0			0				
CD-AB	0.90	0.22	563	0.002	0.90	0.0	0.0	6.407	A
CD-A	141	35			141				

07:15 - 07:30

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-CD	10	2	459	0.022	10	0.0	0.0	8.007	A
B-A	6	1	306	0.018	5	0.0	0.0	11.973	B
A-B	2	0.55			2				
A-C	272	68			272				
A-D	264	66			264				
AB-CD	427	107	755	0.566	425	1.0	1.6	10.890	B
AB-C	119	30			119				
D-ABC	79	20	506	0.157	79	0.1	0.2	8.427	A
C-D	2	0.55			2				
C-A	111	28			111				
C-B	0	0			0				
CD-AB	1	0.27	542	0.002	1	0.0	0.0	6.650	A
CD-A	173	43			173				

07:30 - 07:45

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-CD	10	2	459	0.022	10	0.0	0.0	8.007	A
B-A	6	1	306	0.018	6	0.0	0.0	11.972	B
A-B	2	0.55			2				
A-C	272	68			272				
A-D	264	66			264				
AB-CD	428	107	756	0.566	428	1.6	1.7	11.059	B
AB-C	118	29			118				
D-ABC	79	20	506	0.157	79	0.2	0.2	8.439	A
C-D	2	0.55			2				
C-A	111	28			111				
C-B	0	0			0				
CD-AB	1	0.28	542	0.002	1	0.0	0.0	6.650	A
CD-A	173	43			173				

07:45 - 08:00

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-CD	8	2	477	0.017	8	0.0	0.0	7.674	A
B-A	4	1	324	0.014	5	0.0	0.0	11.261	B
A-B	2	0.45			2				
A-C	222	56			222				
A-D	216	54			216				
AB-CD	322	80	727	0.442	324	1.7	1.0	9.023	A
AB-C	124	31			124				
D-ABC	65	16	520	0.124	65	0.2	0.1	7.907	A
C-D	2	0.45			2				
C-A	91	23			91				
C-B	0	0			0				
CD-AB	0.90	0.23	563	0.002	0.90	0.0	0.0	6.410	A
CD-A	141	35			141				

08:00 - 08:15

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-CD	7	2	490	0.014	7	0.0	0.0	7.453	A
B-A	4	1	337	0.011	4	0.0	0.0	10.799	B
A-B	2	0.38			2				
A-C	186	46			186				
A-D	181	45			181				
AB-CD	253	63	706	0.359	254	1.0	0.7	8.014	A
AB-C	120	30			120				
D-ABC	54	14	530	0.102	54	0.1	0.1	7.564	A
C-D	2	0.38			2				
C-A	76	19			76				
C-B	0	0			0				
CD-AB	0.75	0.19	577	0.001	0.76	0.0	0.0	6.245	A
CD-A	118	30			118				

2040 no dev, PM

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Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Major road direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	untitled	Left-Right Stagger	Two-way		2.11	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	2040 no dev	PM	ONE HOUR	16:15	17:45	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 (Veh/hr)	Scaling Factor (%)
A		ONE HOUR	✓	110	100.000
B		ONE HOUR	✓	8	100.000
C		ONE HOUR	✓	283	100.000
D		ONE HOUR	✓	173	100.000

Origin-Destination Data

Demand (Veh/hr)

	To				
	A	B	C	D	
From	A	0	1	62	47
	B	6	0	0	2
	C	259	0	0	24
	D	153	15	5	0

Vehicle Mix

Heavy Vehicle Percentages

	To				
	A	B	C	D	
From	A	10	10	10	10
	B	10	10	10	10
	C	10	10	10	10
	D	10	10	10	10

Results

RECEIVED: 01/03/2024

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (Veh)	Max LOS	Average Demand (Veh/hr)	Total Junction Arrivals (Veh)
B-CD	0.00	7.83	0.0	A	2	3
B-A	0.02	9.84	0.0	A	6	8
A-B					1	1
A-C					57	85
A-D					43	65
AB-CD	0.11	6.97	0.1	A	50	75
AB-C					52	78
D-ABC	0.36	10.44	0.5	B	159	238
C-D					22	33
C-A					238	356
C-B					0	0
CD-AB	0.03	5.88	0.0	A	14	21
CD-A					378	567

Main Results for each time segment

16:15 - 16:30

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-CD	2	0.38	469	0.003	1	0.0	0.0	7.706	A
B-A	5	1	395	0.011	4	0.0	0.0	9.212	A
A-B	0.75	0.19			0.75				
A-C	47	12			47				
A-D	35	9			35				
AB-CD	40	10	584	0.069	40	0.0	0.1	6.610	A
AB-C	43	11			43				
D-ABC	130	33	557	0.234	129	0.0	0.3	8.392	A
C-D	18	5			18				
C-A	195	49			195				
C-B	0	0			0				
CD-AB	11	3	636	0.018	11	0.0	0.0	5.760	A
CD-A	309	77			309				

16:30 - 16:45

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-CD	2	0.45	466	0.004	2	0.0	0.0	7.757	A
B-A	5	1	386	0.014	5	0.0	0.0	9.468	A
A-B	0.90	0.22			0.90				
A-C	56	14			56				
A-D	42	11			42				
AB-CD	49	12	581	0.084	49	0.1	0.1	6.758	A
AB-C	51	13			51				
D-ABC	156	39	548	0.284	155	0.3	0.4	9.160	A
C-D	22	5			22				
C-A	233	58			233				
C-B	0	0			0				
CD-AB	13	3	633	0.021	13	0.0	0.0	5.812	A
CD-A	370	93			370				

16:45 - 17:00

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-CD	2	0.55	462	0.005	2	0.0	0.0	7.828	A
B-A	7	2	372	0.018	7	0.0	0.0	9.839	A
A-B	1	0.28			1				
A-C	68	17			68				
A-D	52	13			52				
AB-CD	61	15	578	0.106	61	0.1	0.1	6.972	A
AB-C	61	15			61				
D-ABC	190	48	535	0.356	190	0.4	0.5	10.401	B
C-D	26	7			26				
C-A	285	71			285				
C-B	0	0			0				
CD-AB	16	4	628	0.026	16	0.0	0.0	5.884	A
CD-A	453	113			453				

17:00 - 17:15

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-CD	2	0.55	462	0.005	2	0.0	0.0	7.829	A
B-A	7	2	372	0.018	7	0.0	0.0	9.841	A
A-B	1	0.28			1				
A-C	68	17			68				
A-D	52	13			52				
AB-CD	61	15	578	0.106	61	0.1	0.1	6.973	A
AB-C	61	15			61				
D-ABC	190	48	535	0.356	190	0.5	0.5	10.436	B
C-D	26	7			26				
C-A	285	71			285				
C-B	0	0			0				
CD-AB	17	4	628	0.026	17	0.0	0.0	5.885	A
CD-A	454	113			454				

17:15 - 17:30

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-CD	2	0.45	466	0.004	2	0.0	0.0	7.760	A
B-A	5	1	385	0.014	5	0.0	0.0	9.473	A
A-B	0.90	0.22			0.90				
A-C	56	14			56				
A-D	42	11			42				
AB-CD	49	12	581	0.084	49	0.1	0.1	6.765	A
AB-C	51	13			51				
D-ABC	156	39	548	0.284	156	0.5	0.4	9.204	A
C-D	22	5			22				
C-A	233	58			233				
C-B	0	0			0				
CD-AB	14	3	633	0.021	14	0.0	0.0	5.816	A
CD-A	371	93			371				

17:30 - 17:45

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-CD	2	0.38	469	0.003	2	0.0	0.0	7.708	A
B-A	5	1	395	0.011	5	0.0	0.0	9.220	A
A-B	0.75	0.19			0.75				
A-C	47	12			47				
A-D	35	9			35				
AB-CD	40	10	584	0.069	40	0.1	0.1	6.618	A
AB-C	43	11			43				
D-ABC	130	33	557	0.234	131	0.4	0.3	8.455	A
C-D	18	5			18				
C-A	195	49			195				
C-B	0	0			0				
CD-AB	11	3	636	0.018	11	0.0	0.0	5.762	A
CD-A	311	78			311				

2040 with dev, AM

RECEIVED: 01/03/2024

Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Major road direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	untitled	Left-Right Stagger	Two-way		3.54	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	2040 with dev	AM	ONE HOUR	06:45	08:15	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 (Veh/hr)	Scaling Factor (%)
A		ONE HOUR	✓	512	100.000
B		ONE HOUR	✓	14	100.000
C		ONE HOUR	✓	126	100.000
D		ONE HOUR	✓	72	100.000

Origin-Destination Data

Demand (Veh/hr)

	To				
	A	B	C	D	
From	A	0	2	270	240
	B	5	0	4	5
	C	124	0	0	2
	D	56	1	15	0

Vehicle Mix

Heavy Vehicle Percentages

	To				
	A	B	C	D	
From	A	10	10	10	10
	B	10	10	10	10
	C	10	10	10	10
	D	10	10	10	10

Results

RECEIVED: 01/03/2024

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (Veh)	Max LOS	Average Demand (Veh/hr)	Total Junction Arrivals (Veh)
B-CD	0.02	8.09	0.0	A	8	12
B-A	0.02	12.23	0.0	B	5	7
A-B					2	3
A-C					248	372
A-D					220	330
AB-CD	0.58	11.34	1.8	B	347	520
AB-C					129	194
D-ABC	0.16	8.59	0.2	A	66	99
C-D					2	3
C-A					114	171
C-B					0	0
CD-AB	0.00	6.71	0.0	A	1	1
CD-A					165	248

Main Results for each time segment

06:45 - 07:00

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-CD	7	2	487	0.014	7	0.0	0.0	7.496	A
B-A	4	1	333	0.011	4	0.0	0.0	10.939	B
A-B	2	0.38			2				
A-C	203	51			203				
A-D	181	45			181				
AB-CD	260	65	713	0.364	257	0.0	0.7	7.865	A
AB-C	131	33			131				
D-ABC	54	14	526	0.103	54	0.0	0.1	7.617	A
C-D	2	0.38			2				
C-A	93	23			93				
C-B	0	0			0				
CD-AB	0.75	0.19	574	0.001	0.74	0.0	0.0	6.281	A
CD-A	135	34			135				

07:00 - 07:15

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-CD	8	2	474	0.017	8	0.0	0.0	7.734	A
B-A	4	1	319	0.014	4	0.0	0.0	11.444	B
A-B	2	0.45			2				
A-C	243	61			243				
A-D	216	54			216				
AB-CD	332	83	736	0.452	331	0.7	1.0	8.902	A
AB-C	134	34			134				
D-ABC	65	16	515	0.126	65	0.1	0.1	7.996	A
C-D	2	0.45			2				
C-A	111	28			111				
C-B	0	0			0				
CD-AB	0.90	0.22	558	0.002	0.90	0.0	0.0	6.456	A
CD-A	162	40			162				

07:15 - 07:30

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-CD	10	2	455	0.022	10	0.0	0.0	8.087	A
B-A	6	1	300	0.018	5	0.0	0.0	12.227	B
A-B	2	0.55			2				
A-C	297	74			297				
A-D	264	66			264				
AB-CD	447	112	767	0.582	444	1.0	1.8	11.134	B
AB-C	125	31			125				
D-ABC	79	20	499	0.159	79	0.1	0.2	8.579	A
C-D	2	0.55			2				
C-A	137	34			137				
C-B	0	0			0				
CD-AB	1	0.27	537	0.002	1	0.0	0.0	6.715	A
CD-A	198	50			198				

07:30 - 07:45

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-CD	10	2	455	0.022	10	0.0	0.0	8.087	A
B-A	6	1	300	0.018	6	0.0	0.0	12.225	B
A-B	2	0.55			2				
A-C	297	74			297				
A-D	264	66			264				
AB-CD	448	112	768	0.583	448	1.8	1.8	11.339	B
AB-C	123	31			123				
D-ABC	79	20	498	0.159	79	0.2	0.2	8.592	A
C-D	2	0.55			2				
C-A	137	34			137				
C-B	0	0			0				
CD-AB	1	0.28	537	0.002	1	0.0	0.0	6.715	A
CD-A	198	50			198				

07:45 - 08:00

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-CD	8	2	473	0.017	8	0.0	0.0	7.737	A
B-A	4	1	319	0.014	5	0.0	0.0	11.443	B
A-B	2	0.45			2				
A-C	243	61			243				
A-D	216	54			216				
AB-CD	334	83	737	0.453	337	1.8	1.1	9.095	A
AB-C	133	33			133				
D-ABC	65	16	514	0.126	65	0.2	0.1	8.015	A
C-D	2	0.45			2				
C-A	111	28			111				
C-B	0	0			0				
CD-AB	0.90	0.23	558	0.002	0.90	0.0	0.0	6.456	A
CD-A	162	40			162				

08:00 - 08:15

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-CD	7	2	487	0.014	7	0.0	0.0	7.498	A
B-A	4	1	333	0.011	4	0.0	0.0	10.937	B
A-B	2	0.38			2				
A-C	203	51			203				
A-D	181	45			181				
AB-CD	261	65	714	0.365	262	1.1	0.7	8.018	A
AB-C	130	32			130				
D-ABC	54	14	526	0.103	54	0.1	0.1	7.640	A
C-D	2	0.38			2				
C-A	93	23			93				
C-B	0	0			0				
CD-AB	0.75	0.19	574	0.001	0.76	0.0	0.0	6.284	A
CD-A	136	34			136				

2040 with dev, PM

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Data Errors and Warnings

No errors or warnings

Junction Network

Junctions

Junction	Name	Junction type	Major road direction	Use circulating lanes	Junction Delay (s)	Junction LOS
1	untitled	Left-Right Stagger	Two-way		2.01	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	2040 with dev	PM	ONE HOUR	16:15	17:45	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 (Veh/hr)	Scaling Factor (%)
A		ONE HOUR	✓	129	100.000
B		ONE HOUR	✓	8	100.000
C		ONE HOUR	✓	302	100.000
D		ONE HOUR	✓	173	100.000

Origin-Destination Data

Demand (Veh/hr)

	To				
	A	B	C	D	
From	A	0	1	81	47
	B	6	0	0	2
	C	278	0	0	24
	D	153	15	5	0

Vehicle Mix

Heavy Vehicle Percentages

	To				
	A	B	C	D	
From	A	10	10	10	10
	B	10	10	10	10
	C	10	10	10	10
	D	10	10	10	10

Results

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Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (Veh)	Max LOS	Average Demand (Veh/hr)	Total Junction Arrivals (Veh)
B-CD	0.00	7.88	0.0	A	2	3
B-A	0.02	10.00	0.0	A	6	8
A-B					1	1
A-C					74	111
A-D					43	65
AB-CD	0.11	6.88	0.1	A	52	78
AB-C					68	101
D-ABC	0.36	10.59	0.6	B	159	238
C-D					22	33
C-A					255	383
C-B					0	0
CD-AB	0.03	5.93	0.0	A	14	21
CD-A					395	593

Main Results for each time segment

16:15 - 16:30

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-CD	2	0.38	466	0.003	1	0.0	0.0	7.742	A
B-A	5	1	391	0.012	4	0.0	0.0	9.304	A
A-B	0.75	0.19			0.75				
A-C	61	15			61				
A-D	35	9			35				
AB-CD	41	10	591	0.070	41	0.0	0.1	6.545	A
AB-C	57	14			57				
D-ABC	130	33	553	0.235	129	0.0	0.3	8.458	A
C-D	18	5			18				
C-A	209	52			209				
C-B	0	0			0				
CD-AB	11	3	633	0.018	11	0.0	0.0	5.788	A
CD-A	323	81			323				

16:30 - 16:45

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-CD	2	0.45	463	0.004	2	0.0	0.0	7.801	A
B-A	5	1	381	0.014	5	0.0	0.0	9.584	A
A-B	0.90	0.22			0.90				
A-C	73	18			73				
A-D	42	11			42				
AB-CD	50	13	589	0.085	50	0.1	0.1	6.680	A
AB-C	67	17			67				
D-ABC	156	39	544	0.286	155	0.3	0.4	9.254	A
C-D	22	5			22				
C-A	250	62			250				
C-B	0	0			0				
CD-AB	13	3	629	0.021	13	0.0	0.0	5.845	A
CD-A	387	97			387				

16:45 - 17:00

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-CD	2	0.55	459	0.005	2	0.0	0.0	7.883	A
B-A	7	2	367	0.018	7	0.0	0.0	9.994	A
A-B	1	0.28			1				
A-C	89	22			89				
A-D	52	13			52				
AB-CD	64	16	587	0.108	64	0.1	0.1	6.875	A
AB-C	79	20			79				
D-ABC	190	48	530	0.359	190	0.4	0.6	10.548	B
C-D	26	7			26				
C-A	306	77			306				
C-B	0	0			0				
CD-AB	16	4	624	0.026	16	0.0	0.0	5.926	A
CD-A	474	118			474				

17:00 - 17:15

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-CD	2	0.55	459	0.005	2	0.0	0.0	7.884	A
B-A	7	2	367	0.018	7	0.0	0.0	9.996	A
A-B	1	0.28			1				
A-C	89	22			89				
A-D	52	13			52				
AB-CD	64	16	587	0.108	64	0.1	0.1	6.880	A
AB-C	79	20			79				
D-ABC	190	48	530	0.359	190	0.6	0.6	10.586	B
C-D	26	7			26				
C-A	306	77			306				
C-B	0	0			0				
CD-AB	17	4	624	0.026	17	0.0	0.0	5.926	A
CD-A	475	119			475				

17:15 - 17:30

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-CD	2	0.45	463	0.004	2	0.0	0.0	7.803	A
B-A	5	1	381	0.014	5	0.0	0.0	9.588	A
A-B	0.90	0.22			0.90				
A-C	73	18			73				
A-D	42	11			42				
AB-CD	50	13	589	0.085	50	0.1	0.1	6.688	A
AB-C	67	17			67				
D-ABC	156	39	544	0.286	156	0.6	0.4	9.301	A
C-D	22	5			22				
C-A	250	62			250				
C-B	0	0			0				
CD-AB	14	3	629	0.022	14	0.0	0.0	5.849	A
CD-A	388	97			388				

17:30 - 17:45

Stream	Total Demand (Veh/hr)	Junction Arrivals (Veh)	Capacity (Veh/hr)	RFC	Throughput (Veh/hr)	Start queue (Veh)	End queue (Veh)	Delay (s)	Unsignalised level of service
B-CD	2	0.38	466	0.003	2	0.0	0.0	7.746	A
B-A	5	1	391	0.012	5	0.0	0.0	9.311	A
A-B	0.75	0.19			0.75				
A-C	61	15			61				
A-D	35	9			35				
AB-CD	41	10	591	0.070	41	0.1	0.1	6.554	A
AB-C	57	14			57				
D-ABC	130	33	553	0.235	131	0.4	0.3	8.522	A
C-D	18	5			18				
C-A	209	52			209				
C-B	0	0			0				
CD-AB	11	3	633	0.018	11	0.0	0.0	5.789	A
CD-A	325	81			325				