

From	To			
		A	B	C
	A	0	101	916
	B	0	0	343
	C	816	282	0

Vehicle Mix

Heavy Vehicle Percentages

Junction 2

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

Heavy Vehicle Percentages

Junction 1

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

Heavy Vehicle Percentages

Junction 4

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

Heavy Vehicle Percentages

Junction 3

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

Results

Results Summary for whole modelled period

Junction	Arm	Max delay (min)	Max Queue (PCU)	Max LOS	Average Demand (PCU/hr)	Total Junction Arrivals (PCU)
1	A	0.00	0.0	A	807	1210
	B	0.58	1.3	D	111	166
	C	0.00	0.0	A	1107	1660
2	A	0.00	0.0	A	1206	1809
	B	0.57	2.5	D	223	334
	C	0.00	0.1	A	597	896
3	A	0.00	0.0	A	747	1121
	B	0.19	1.1	B	254	380
	C	0.06	1.1	A	803	1205
4	A	0.00	0.0	A	783	1174
	B	0.20	0.2	B	45	67
	C	0.00	0.1	A	927	1391

Main Results for each time segment

07:30 - 07:45

Junction	Arm	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Throughput (PCU/hr)	Throughput (exit side) (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (min)	LOS
1	A	663	166	663	989	0.0	0.0	0.000	A
	B	92	23	91	72	0.0	0.4	0.201	B
	C	908	227	908	600	0.0	0.0	0.001	A
2	A	989	247	989	663	0.0	0.0	0.000	A
	B	186	46	185	384	0.0	0.6	0.160	A
	C	489	122	489	617	0.0	0.0	0.002	A
3	A	617	154	617	489	0.0	0.0	0.000	A
	B	202	51	203	229	0.0	0.3	0.117	A
	C	655	164	656	758	0.0	0.4	0.037	A
4	A	639	160	639	746	0.0	0.0	0.000	A
	B	36	9	36	32	0.0	0.1	0.134	A
	C	758	189	758	655	0.0	0.0	0.004	A

07:45 - 08:00

Junction	Arm	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Throughput (PCU/hr)	Throughput (exit side) (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (min)	LOS
1	A	790	197	790	1182	0.0	0.0	0.000	A
	B	109	27	108	86	0.4	0.6	0.301	C
	C	1083	271	1083	714	0.0	0.0	0.001	A
2	A	1182	295	1182	790	0.0	0.0	0.000	A
	B	214	54	215	462	0.6	0.9	0.240	B
	C	588	147	588	733	0.0	0.0	0.003	A
3	A	733	183	733	588	0.0	0.0	0.000	A
	B	251	63	251	273	0.3	0.6	0.144	A
	C	787	197	787	910	0.4	0.6	0.044	A
4	A	766	191	766	898	0.0	0.0	0.000	A
	B	45	11	44	35	0.1	0.1	0.156	A
	C	910	227	909	787	0.0	0.1	0.004	A

08:00 - 08:15

Junction	Arm	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Throughput (PCU/hr)	Throughput (exit side) (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (min)	LOS
1	A	961	240	961	1448	0.0	0.0	0.000	A
	B	129	32	129	105	0.6	1.3	0.522	D
	C	1333	333	1333	869	0.0	0.0	0.001	A
2	A	1448	362	1448	961	0.0	0.0	0.000	A
	B	260	65	262	569	0.9	2.5	0.495	D
	C	714	178	714	894	0.0	0.0	0.003	A
3	A	894	223	894	714	0.0	0.0	0.000	A
	B	306	76	306	342	0.6	0.9	0.188	B
	C	968	242	968	1112	0.6	1.0	0.062	A
4	A	942	235	942	1097	0.0	0.0	0.000	A
	B	55	14	55	44	0.1	0.2	0.192	B
	C	1112	278	1112	968	0.1	0.1	0.005	A

08:15 - 08:30

Junction	Arm	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Throughput (PCU/hr)	Throughput (exit side) (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (min)	LOS
1	A	961	240	961	1442	0.0	0.0	0.000	A
	B	132	33	132	104	1.3	1.2	0.576	D
	C	1322	331	1322	869	0.0	0.0	0.001	A
2	A	1442	360	1442	961	0.0	0.0	0.000	A
	B	269	67	267	563	2.5	2.4	0.573	D
	C	711	178	711	895	0.0	0.1	0.003	A
3	A	895	224	895	711	0.0	0.0	0.000	A
	B	311	78	309	333	0.9	1.1	0.192	B
	C	956	239	956	1115	1.0	1.1	0.063	A
4	A	931	233	931	1097	0.0	0.0	0.001	A
	B	53	13	53	46	0.2	0.2	0.201	B
	C	1115	279	1115	956	0.1	0.1	0.005	A

08:30 - 08:45

Junction	Arm	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Throughput (PCU/hr)	Throughput (exit side) (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (min)	LOS
1	A	796	199	796	1188	0.0	0.0	0.000	A
	B	109	27	109	87	1.2	0.5	0.335	C
	C	1090	272	1090	719	0.0	0.0	0.001	A
2	A	1188	297	1188	796	0.0	0.0	0.000	A
	B	223	56	223	465	2.4	0.9	0.300	C
	C	585	146	585	736	0.1	0.0	0.003	A
3	A	736	184	736	585	0.0	0.0	0.000	A
	B	245	61	246	271	1.1	0.6	0.142	A
	C	788	197	786	912	1.1	0.6	0.047	A
4	A	769	192	769	900	0.0	0.0	0.000	A
	B	43	11	43	37	0.2	0.1	0.162	A
	C	912	228	913	788	0.1	0.1	0.004	A

08:45 - 09:00

Junction	Arm	Total Demand (PCU/hr)	Junction Arrivals (PCU)	Throughput (PCU/hr)	Throughput (exit side) (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (min)	LOS
1	A	671	168	671	987	0.0	0.0	0.000	A
	B	92	23	93	75	0.5	0.3	0.223	B
	C	903	226	903	605	0.0	0.0	0.001	A
2	A	987	247	987	671	0.0	0.0	0.000	A
	B	185	46	185	388	0.9	0.5	0.186	B
	C	498	124	497	611	0.0	0.0	0.003	A
3	A	611	153	611	498	0.0	0.0	0.000	A
	B	207	52	207	229	0.6	0.5	0.123	A
	C	666	167	666	757	0.6	0.4	0.039	A
4	A	651	163	651	748	0.0	0.0	0.000	A
	B	36	9	36	29	0.1	0.1	0.141	A
	C	757	189	757	666	0.1	0.1	0.004	A

Lane Results

Lane Level notation: Lane Level 1 is always closest to the junction.

Lanes: Main Results for each time segment

07:30 - 07:45

Junction	Arm	Side	Lane level	Lane	Destination arms	Total Demand (PCU/hr)	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (min)	LOS
1	A	Entry	1	1	B,C	663	663	0.0	0.0	0.000	A
		Exit	1	1		989	989	0.0	0.0	0.000	A
	B	Entry	1	1	A,C	92	91	0.0	0.4	0.201	B
		Exit	1	1		72	72	0.0	0.0	0.000	A
	C	Entry	1	1	A	899	899	0.0	0.0	0.000	A
		Exit	1	1	B	8	8	0.0	0.0	0.106	A
2	A	Entry	1	1	B,C	989	989	0.0	0.0	0.000	A
		Exit	1	1		663	663	0.0	0.0	0.000	A
	B	Entry	1	1	A,C	186	185	0.0	0.6	0.160	A
		Exit	1	1		384	384	0.0	0.0	0.000	A
	C	Entry	1	1	A	479	479	0.0	0.0	0.000	A
			2	2	B	9	10	0.0	0.0	0.121	A
		Exit	2	1	(A,B)	489	489	0.0	0.0	0.000	A
			1	1		617	617	0.0	0.0	0.000	A
3	A	Entry	1	1	B,C	617	617	0.0	0.0	0.000	A
		Exit	1	1		489	489	0.0	0.0	0.000	A
	B	Entry	1	1	A,C	202	203	0.0	0.3	0.117	A
		Exit	1	1		229	229	0.0	0.0	0.000	A
	C	Entry	1	1	A	489	489	0.0	0.0	0.000	A
			2	2	B	167	167	0.0	0.4	0.142	A
		Exit	2	1	(A,B)	655	655	0.0	0.0	0.000	A
			1	1		758	758	0.0	0.0	0.000	A
4	A	Entry	1	1	B,C	639	639	0.0	0.0	0.000	A
		Exit	1	1		746	746	0.0	0.0	0.000	A
	B	Entry	1	1	C	20	20	0.0	0.0	0.114	A
			2	2	A	16	16	0.0	0.0	0.161	A
		Exit	2	1	(A,C)	36	36	0.0	0.0	0.000	A
			1	1		32	32	0.0	0.0	0.000	A
	C	Entry	1	1	A	730	730	0.0	0.0	0.000	A
			2	2	B	28	28	0.0	0.0	0.101	A
		Exit	2	1	(A,B)	758	758	0.0	0.0	0.000	A
			1	1		655	655	0.0	0.0	0.000	A

Junction	Arm	Side	Lane level	Lane	Destination arms	Total Demand (PCU/hr)	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (min)	LOS
1	A	Entry	1	1	B,C	790	790	0.0	0.0	0.000	A
		Exit	1	1		1182	1182	0.0	0.0	0.000	A
	B	Entry	1	1	A,C	109	108	0.4	0.6	0.301	C
		Exit	1	1		86	86	0.0	0.0	0.000	A
	C	Entry	1	1	A	1074	1074	0.0	0.0	0.000	A
		Exit	1	2	B	9	9	0.0	0.0	0.122	A
2	A	Entry	1	1	B,C	1182	1182	0.0	0.0	0.000	A
		Exit	1	1		790	790	0.0	0.0	0.000	A
	B	Entry	1	1	A,C	214	215	0.6	0.9	0.240	B
		Exit	1	1		462	462	0.0	0.0	0.000	A
	C	Entry	1	1	A	577	577	0.0	0.0	0.000	A
			2	2	B	11	11	0.0	0.0	0.149	A
		Exit	2	1	(A,B)	588	588	0.0	0.0	0.000	A
			1	1		733	733	0.0	0.0	0.000	A
3	A	Entry	1	1	B,C	733	733	0.0	0.0	0.000	A
		Exit	1	1		588	588	0.0	0.0	0.000	A
	B	Entry	1	1	A,C	251	251	0.3	0.6	0.144	A
		Exit	1	1		273	273	0.0	0.0	0.000	A
	C	Entry	1	1	A	588	588	0.0	0.0	0.000	A
			2	2	B	199	199	0.4	0.6	0.172	B
		Exit	2	1	(A,B)	787	787	0.0	0.0	0.000	A
			1	1		910	910	0.0	0.0	0.000	A
4	A	Entry	1	1	B,C	766	766	0.0	0.0	0.000	A
		Exit	1	1		898	898	0.0	0.0	0.000	A
	B	Entry	1	1	C	27	27	0.0	0.1	0.121	A
			2	2	A	18	18	0.0	0.1	0.205	B
		Exit	2	1	(A,C)	45	45	0.0	0.0	0.001	A
			1	1		35	35	0.0	0.0	0.000	A
	C	Entry	1	1	A	880	880	0.0	0.0	0.000	A
			2	2	B	30	30	0.0	0.1	0.120	A
		Exit	2	1	(A,B)	910	910	0.0	0.0	0.000	A
			1	1		787	787	0.0	0.0	0.000	A

Junction	Arm	Side	Lane level	Lane	Destination arms	Total Demand (PCU/hr)	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (min)	LOS
1	A	Entry	1	1	B,C	961	961	0.0	0.0	0.000	A
		Exit	1	1		1448	1448	0.0	0.0	0.000	A
	B	Entry	1	1	A,C	129	129	0.6	1.3	0.522	D
		Exit	1	1		105	105	0.0	0.0	0.000	A
	C	Entry	1	1	A	1321	1321	0.0	0.0	0.000	A
		Exit	1	2	B	12	12	0.0	0.0	0.127	A
2	A	Entry	1	1	B,C	1448	1448	0.0	0.0	0.000	A
		Exit	1	1		961	961	0.0	0.0	0.000	A
	B	Entry	1	1	A,C	260	262	0.9	2.5	0.495	D
		Exit	1	1		569	569	0.0	0.0	0.000	A
	C	Entry	1	1	A	701	701	0.0	0.0	0.000	A
			2	2	B	12	12	0.0	0.0	0.177	B
		Exit	2	1	(A,B)	714	714	0.0	0.0	0.000	A
			1	1		894	894	0.0	0.0	0.000	A
3	A	Entry	1	1	B,C	894	894	0.0	0.0	0.000	A
		Exit	1	1		714	714	0.0	0.0	0.000	A
	B	Entry	1	1	A,C	306	306	0.6	0.9	0.188	B
		Exit	1	1		342	342	0.0	0.0	0.000	A
	C	Entry	1	1	A	714	714	0.0	0.0	0.000	A
			2	2	B	254	254	0.6	1.0	0.238	B
		Exit	2	1	(A,B)	968	968	0.0	0.0	0.001	A
			1	1		1112	1112	0.0	0.0	0.000	A
4	A	Entry	1	1	B,C	942	942	0.0	0.0	0.000	A
		Exit	1	1		1097	1097	0.0	0.0	0.000	A
	B	Entry	1	1	C	31	32	0.1	0.1	0.137	A
			2	2	A	23	23	0.1	0.1	0.265	C
		Exit	2	1	(A,C)	55	55	0.0	0.0	0.002	A
			1	1		44	44	0.0	0.0	0.000	A
	C	Entry	1	1	A	1074	1074	0.0	0.0	0.000	A
			2	2	B	38	38	0.1	0.1	0.136	A
		Exit	2	1	(A,B)	1112	1112	0.0	0.0	0.000	A
			1	1		968	968	0.0	0.0	0.000	A

Junction	Arm	Side	Lane level	Lane	Destination arms	Total Demand (PCU/hr)	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (min)	LOS
1	A	Entry	1	1	B,C	961	961	0.0	0.0	0.000	A
		Exit	1	1		1442	1442	0.0	0.0	0.000	A
	B	Entry	1	1	A,C	132	132	1.3	1.2	0.576	D
		Exit	1	1		104	104	0.0	0.0	0.000	A
	C	Entry	1	1	A	1311	1311	0.0	0.0	0.000	A
		Exit	1	2	B	12	11	0.0	0.0	0.130	A
2	A	Entry	1	1	B,C	1442	1442	0.0	0.0	0.000	A
		Exit	1	1		961	961	0.0	0.0	0.000	A
	B	Entry	1	1	A,C	269	267	2.5	2.4	0.573	D
		Exit	1	1		563	563	0.0	0.0	0.000	A
	C	Entry	1	1	A	697	697	0.0	0.0	0.000	A
			2	2	B	14	14	0.0	0.1	0.181	B
		Exit	2	1	(A,B)	711	711	0.0	0.0	0.000	A
			1	1		895	895	0.0	0.0	0.000	A
3	A	Entry	1	1	B,C	895	895	0.0	0.0	0.000	A
		Exit	1	1		711	711	0.0	0.0	0.000	A
	B	Entry	1	1	A,C	311	309	0.9	1.1	0.192	B
		Exit	1	1		333	333	0.0	0.0	0.000	A
	C	Entry	1	1	A	711	711	0.0	0.0	0.000	A
			2	2	B	245	244	1.0	1.1	0.241	B
		Exit	2	1	(A,B)	956	956	0.0	0.0	0.001	A
			1	1		1115	1115	0.0	0.0	0.000	A
4	A	Entry	1	1	B,C	931	931	0.0	0.0	0.001	A
		Exit	1	1		1097	1097	0.0	0.0	0.000	A
	B	Entry	1	1	C	31	31	0.1	0.1	0.142	A
			2	2	A	22	22	0.1	0.1	0.277	C
		Exit	2	1	(A,C)	53	53	0.0	0.0	0.002	A
			1	1		46	46	0.0	0.0	0.000	A
	C	Entry	1	1	A	1075	1075	0.0	0.0	0.000	A
			2	2	B	40	40	0.1	0.1	0.132	A
		Exit	2	1	(A,B)	1115	1115	0.0	0.0	0.000	A
			1	1		956	956	0.0	0.0	0.001	A

Junction	Arm	Side	Lane level	Lane	Destination arms	Total Demand (PCU/hr)	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (min)	LOS
1	A	Entry	1	1	B,C	796	796	0.0	0.0	0.000	A
		Exit	1	1		1188	1188	0.0	0.0	0.000	A
	B	Entry	1	1	A,C	109	109	1.2	0.5	0.335	C
		Exit	1	1		87	87	0.0	0.0	0.000	A
	C	Entry	1	1	A	1081	1081	0.0	0.0	0.000	A
		Exit	1	2	B	9	9	0.0	0.0	0.113	A
2	A	Entry	1	1	B,C	1188	1188	0.0	0.0	0.000	A
		Exit	1	1		796	796	0.0	0.0	0.000	A
	B	Entry	1	1	A,C	223	223	2.4	0.9	0.300	C
		Exit	1	1		465	465	0.0	0.0	0.000	A
	C	Entry	1	1	A	575	575	0.0	0.0	0.000	A
			2	2	B	11	11	0.1	0.0	0.155	A
		Exit	2	1	(A,B)	585	585	0.0	0.0	0.000	A
			1	1		736	736	0.0	0.0	0.000	A
3	A	Entry	1	1	B,C	736	736	0.0	0.0	0.000	A
		Exit	1	1		585	585	0.0	0.0	0.000	A
	B	Entry	1	1	A,C	245	246	1.1	0.6	0.142	A
		Exit	1	1		271	271	0.0	0.0	0.000	A
	C	Entry	1	1	A	585	585	0.0	0.0	0.000	A
			2	2	B	203	201	1.1	0.6	0.182	B
		Exit	2	1	(A,B)	788	788	0.0	0.0	0.000	A
			1	1		912	912	0.0	0.0	0.000	A
4	A	Entry	1	1	B,C	769	769	0.0	0.0	0.000	A
		Exit	1	1		900	900	0.0	0.0	0.000	A
	B	Entry	1	1	C	24	24	0.1	0.1	0.128	A
			2	2	A	19	19	0.1	0.1	0.206	B
		Exit	2	1	(A,C)	43	43	0.0	0.0	0.000	A
			1	1		37	37	0.0	0.0	0.000	A
	C	Entry	1	1	A	881	881	0.0	0.0	0.000	A
			2	2	B	32	32	0.1	0.1	0.124	A
		Exit	2	1	(A,B)	912	912	0.0	0.0	0.000	A
			1	1		788	788	0.0	0.0	0.000	A

Junction	Arm	Side	Lane level	Lane	Destination arms	Total Demand (PCU/hr)	Throughput (PCU/hr)	Start queue (PCU)	End queue (PCU)	Delay (min)	LOS
1	A	Entry	1	1	B,C	671	671	0.0	0.0	0.000	A
		Exit	1	1		987	987	0.0	0.0	0.000	A
	B	Entry	1	1	A,C	92	93	0.5	0.3	0.223	B
		Exit	1	1		75	75	0.0	0.0	0.000	A
	C	Entry	1	1	A	895	895	0.0	0.0	0.000	A
		Exit	1	2	B	8	8	0.0	0.0	0.113	A
2	A	Entry	1	1	B,C	987	987	0.0	0.0	0.000	A
		Exit	1	1		671	671	0.0	0.0	0.000	A
	B	Entry	1	1	A,C	185	185	0.9	0.5	0.186	B
		Exit	1	1		388	388	0.0	0.0	0.000	A
	C	Entry	1	1	A	488	488	0.0	0.0	0.000	A
			2	2	B	10	9	0.0	0.0	0.131	A
		Exit	2	1	(A,B)	498	498	0.0	0.0	0.000	A
			1	1		611	611	0.0	0.0	0.000	A
3	A	Entry	1	1	B,C	611	611	0.0	0.0	0.000	A
		Exit	1	1		498	498	0.0	0.0	0.000	A
	B	Entry	1	1	A,C	207	207	0.6	0.5	0.123	A
		Exit	1	1		229	229	0.0	0.0	0.000	A
	C	Entry	1	1	A	498	498	0.0	0.0	0.000	A
			2	2	B	168	168	0.6	0.4	0.152	A
		Exit	2	1	(A,B)	666	666	0.0	0.0	0.000	A
			1	1		757	757	0.0	0.0	0.000	A
4	A	Entry	1	1	B,C	651	651	0.0	0.0	0.000	A
		Exit	1	1		748	748	0.0	0.0	0.000	A
	B	Entry	1	1	C	20	20	0.1	0.0	0.116	A
			2	2	A	16	16	0.1	0.0	0.176	B
		Exit	2	1	(A,C)	36	36	0.0	0.0	0.000	A
			1	1		29	29	0.0	0.0	0.000	A
	C	Entry	1	1	A	732	732	0.0	0.0	0.000	A
			2	2	B	25	25	0.1	0.1	0.110	A
		Exit	2	1	(A,B)	757	757	0.0	0.0	0.000	A
			1	1		666	666	0.0	0.0	0.000	A