

**Intersection**

Int Delay, s/veh 2.3

Movement	NBL	NBR	NET	NER	SWL	SWT
Traffic Vol, veh/h	49	9	584	6	3	824
Future Vol, veh/h	49	9	584	6	3	824
Conflicting Peds, #/hr	1	1	0	1	1	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	-	-	-
Veh in Median Storage, #	0	-	0	-	-	0
Grade, %	0	-	0	-	-	0
Peak Hour Factor	88	88	88	88	88	88
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	56	10	664	7	3	936

Major/Minor	Minor1	Minor2	Major1	Major2	Major3	Major4
Conflicting Flow All	1611	669	0	0	671	0
Stage 1	668	-	-	-	-	-
Stage 2	943	-	-	-	-	-
Critical Hdwy	6.42	6.22	-	-	4.12	-
Critical Hdwy Stg 1	5.42	-	-	-	-	-
Critical Hdwy Stg 2	5.42	-	-	-	-	-
Follow-up Hdwy	3.518	3.318	-	-	2.218	-
Pot Cap-1 Maneuver	115	458	-	-	919	-
Stage 1	510	-	-	-	-	-
Stage 2	379	-	-	-	-	-
Platoon blocked, %	-	-	-	-	-	-
Mov Cap-1 Maneuver	114	457	-	-	918	-
Mov Cap-2 Maneuver	114	-	-	-	-	-
Stage 1	510	-	-	-	-	-
Stage 2	376	-	-	-	-	-

Approach	NB	NE	SW
HCM Control Delay, s	59	0	0
HCM LOS	F		

Minor Lane/Major Mvmt	NET	NER	NBLn1	SWL	SWT
Capacity (veh/h)	-	-	129	918	-
HCM Lane V/C Ratio	-	-	0.511	0.004	-
HCM Control Delay (s)	-	-	59	8.9	0
HCM Lane LOS	-	-	F	A	A
HCM 95th %tile Q(veh)	-	-	2.4	0	-

**Intersection**

Int Delay, s/veh 3.4

Movement	EBL	EBT	WBT	WBR	SBL	SBR
Traffic Vol, veh/h	53	561	387	5	40	112
Future Vol, veh/h	53	561	387	5	40	112
Conflicting Peds, #/hr	14	0	0	14	14	14
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	-	0	0	-	0	-
Grade, %	-	0	0	-	0	-
Peak Hour Factor	88	88	88	88	88	88
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	60	638	440	6	45	127

Major/Minor	Major1	Major2	Minor2
Conflicting Flow All	459	0	1215
Stage 1	-	-	457
Stage 2	-	-	758
Critical Hdwy	4.12	-	6.42
Critical Hdwy Stg 1	-	-	5.42
Critical Hdwy Stg 2	-	-	5.42
Follow-up Hdwy	2.218	-	3.518
Pot Cap-1 Maneuver	1102	-	200
Stage 1	-	-	638
Stage 2	-	-	463
Platoon blocked, %	-	-	-
Mov Cap-1 Maneuver	1089	-	179
Mov Cap-2 Maneuver	-	-	179
Stage 1	-	-	631
Stage 2	-	-	419

Approach	EB	WB	SB
HCM Control Delay, s	0.7	0	23.4
HCM LOS			C

Minor Lane/Major Mvmt	EBL	EBT	WBT	WBR	SBLn1
Capacity (veh/h)	1089	-	-	-	365
HCM Lane V/C Ratio	0.055	-	-	-	0.473
HCM Control Delay (s)	8.5	0	-	-	23.4
HCM Lane LOS	A	A	-	-	C
HCM 95th %tile Q(veh)	0.2	-	-	-	2.4

**Intersection**

Int Delay, s/veh 4.1

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Traffic Vol, veh/h	7	102	98	7	111	141
Future Vol, veh/h	7	102	98	7	111	141
Conflicting Peds, #/hr	0	0	0	3	3	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	-	-	-
Veh in Median Storage, #	0	-	0	-	-	0
Grade, %	0	-	0	-	-	0
Peak Hour Factor	88	88	88	88	88	88
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	8	116	111	8	126	160

Major/Minor	Minor1	Major1	Major2
Conflicting Flow All	528	118	0
Stage 1	115	-	-
Stage 2	413	-	-
Critical Hdwy	6.42	6.22	4.12
Critical Hdwy Stg 1	5.42	-	-
Critical Hdwy Stg 2	5.42	-	-
Follow-up Hdwy	3.518	3.318	2.218
Pot Cap-1 Maneuver	511	934	1469
Stage 1	910	-	-
Stage 2	668	-	-
Platoon blocked, %	-	-	-
Mov Cap-1 Maneuver	462	932	1465
Mov Cap-2 Maneuver	462	-	-
Stage 1	910	-	-
Stage 2	604	-	-

Approach	WB	NB	SB
HCM Control Delay, s	9.8	0	3.4
HCM LOS	A		

Minor Lane/Major Mvmt	NBT	NBRWBLn1	SBL	SBT
Capacity (veh/h)	-	-	875	1465
HCM Lane V/C Ratio	-	-	0.142	0.086
HCM Control Delay (s)	-	-	9.8	7.7
HCM Lane LOS	-	-	A	A
HCM 95th %tile Q(veh)	-	-	0.5	0.3

**Intersection**

Int Delay, s/veh 8.1

Movement	EBL	EBT	WBT	WBR	SEL	SER
Traffic Vol, veh/h	3	606	387	108	236	3
Future Vol, veh/h	3	606	387	108	236	3
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	100	-	-	-	0	-
Veh in Median Storage, #	-	0	0	-	0	-
Grade, %	-	0	0	-	0	-
Peak Hour Factor	88	88	88	88	88	88
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	3	689	440	123	268	3

Major/Minor	Major1	Major2	Minor2
Conflicting Flow All	563	0	1196
Stage 1	-	-	501
Stage 2	-	-	695
Critical Hdwy	4.12	-	6.42
Critical Hdwy Stg 1	-	-	5.42
Critical Hdwy Stg 2	-	-	5.42
Follow-up Hdwy	2.218	-	3.518
Pot Cap-1 Maneuver	1008	-	~ 206
Stage 1	-	-	609
Stage 2	-	-	495
Platoon blocked, %	-	-	-
Mov Cap-1 Maneuver	1008	-	~ 205
Mov Cap-2 Maneuver	-	-	341
Stage 1	-	-	609
Stage 2	-	-	494

Approach	EB	WB	SE
HCM Control Delay, s	0	0	45.7
HCM LOS			E

Minor Lane/Major Mvmt	EBL	EBT	WBT	WBR	SELn1
Capacity (veh/h)	1008	-	-	-	343
HCM Lane V/C Ratio	0.003	-	-	-	0.792
HCM Control Delay (s)	8.6	-	-	-	45.7
HCM Lane LOS	A	-	-	-	E
HCM 95th %tile Q(veh)	0	-	-	-	6.6

**Notes**

~: Volume exceeds capacity    \$: Delay exceeds 300s    +: Computation Not Defined    \*: All major volume in platoon

**Intersection**

Int Delay, s/veh 7.9

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Traffic Vol, veh/h	319	520	11	217	274	1
Future Vol, veh/h	319	520	11	217	274	1
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	50	-	0	50
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	88	88	88	88	88	88
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	363	591	13	247	311	1

Major/Minor	Major1	Major2	Minor1
Conflicting Flow All	0	0	930
Stage 1	-	-	658
Stage 2	-	-	272
Critical Hdwy	-	4.12	6.42
Critical Hdwy Stg 1	-	-	5.42
Critical Hdwy Stg 2	-	-	5.42
Follow-up Hdwy	-	2.218	3.518
Pot Cap-1 Maneuver	-	721	~ 297
Stage 1	-	-	515
Stage 2	-	-	774
Platoon blocked, %	-	-	-
Mov Cap-1 Maneuver	-	721	~ 292
Mov Cap-2 Maneuver	-	-	404
Stage 1	-	-	515
Stage 2	-	-	760

Approach	EB	WB	NB
HCM Control Delay, s	0	0.5	38.1
HCM LOS			E

Minor Lane/Major Mvmt	NBLn1	NBLn2	EBT	EBR	WBL	WBT
Capacity (veh/h)	404	464	-	-	721	-
HCM Lane V/C Ratio	0.771	0.002	-	-	0.017	-
HCM Control Delay (s)	38.2	12.8	-	-	10.1	-
HCM Lane LOS	E	B	-	-	B	-
HCM 95th %tile Q(veh)	6.5	0	-	-	0.1	-

**Notes**

~: Volume exceeds capacity    \$: Delay exceeds 300s    +: Computation Not Defined    \*: All major volume in platoon

**Intersection**

Int Delay, s/veh 0.4

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Traffic Vol, veh/h	17	1	253	76	0	213
Future Vol, veh/h	17	1	253	76	0	213
Conflicting Peds, #/hr	3	3	0	3	3	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	-	50	-
Veh in Median Storage, #	0	-	0	-	-	0
Grade, %	0	-	0	-	-	0
Peak Hour Factor	88	88	88	88	88	88
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	19	1	288	86	0	242

Major/Minor	Minor1	Major1	Major2
Conflicting Flow All	576	337	0
Stage 1	334	-	-
Stage 2	242	-	-
Critical Hdwy	6.42	6.22	-
Critical Hdwy Stg 1	5.42	-	-
Critical Hdwy Stg 2	5.42	-	-
Follow-up Hdwy	3.518	3.318	-
Pot Cap-1 Maneuver	479	705	-
Stage 1	725	-	-
Stage 2	798	-	-
Platoon blocked, %			
Mov Cap-1 Maneuver	477	701	-
Mov Cap-2 Maneuver	562	-	-
Stage 1	723	-	-
Stage 2	796	-	-

Approach	WB	NB	SB
HCM Control Delay, s	11.6	0	0
HCM LOS	B		

Minor Lane/Major Mvmt	NBT	NBRWBLn1	SBL	SBT
Capacity (veh/h)	-	-	568	1178
HCM Lane V/C Ratio	-	-	0.036	-
HCM Control Delay (s)	-	-	11.6	0
HCM Lane LOS	-	-	B	A
HCM 95th %tile Q(veh)	-	-	0.1	0

**Intersection**

Int Delay, s/veh 0.5

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Traffic Vol, veh/h	19	0	207	47	0	194
Future Vol, veh/h	19	0	207	47	0	194
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	-	-	-
Veh in Median Storage, #	0	-	0	-	-	0
Grade, %	0	-	0	-	-	0
Peak Hour Factor	88	88	88	88	88	88
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	22	0	235	53	0	220

Major/Minor	Minor1	Major1	Major2
Conflicting Flow All	482	262	0
Stage 1	262	-	-
Stage 2	220	-	-
Critical Hdwy	6.42	6.22	4.12
Critical Hdwy Stg 1	5.42	-	-
Critical Hdwy Stg 2	5.42	-	-
Follow-up Hdwy	3.518	3.318	2.218
Pot Cap-1 Maneuver	543	777	1273
Stage 1	782	-	-
Stage 2	817	-	-
Platoon blocked, %			
Mov Cap-1 Maneuver	543	777	1273
Mov Cap-2 Maneuver	612	-	-
Stage 1	782	-	-
Stage 2	817	-	-

Approach	WB	NB	SB
HCM Control Delay, s	11.1	0	0
HCM LOS	B		

Minor Lane/Major Mvmt	NBT	NBRWBLn1	SBL	SBT
Capacity (veh/h)	-	-	612	1273
HCM Lane V/C Ratio	-	-	0.035	-
HCM Control Delay (s)	-	-	11.1	0
HCM Lane LOS	-	-	B	A
HCM 95th %tile Q(veh)	-	-	0.1	0

**Intersection**

Int Delay, s/veh 21

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Traffic Vol, veh/h	3	1	17	12	1	39	46	1347	73	19	798	10
Future Vol, veh/h	3	1	17	12	1	39	46	1347	73	19	798	10
Conflicting Peds, #/hr	1	0	1	1	0	1	4	0	3	3	0	4
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Free	Free	Free	Free	Free	Free
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	-	-	-	-	-	-	-	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	88	88	88	88	88	88	88	88	88	88	88	88
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	3	1	19	14	1	44	52	1531	83	22	907	11

Major/Minor	Minor2			Minor1			Major1			Major2		
Conflicting Flow All	1828	2676	464	2176	2640	812	919	0	0	1615	0	0
Stage 1	957	957	-	1678	1678	-	-	-	-	-	-	-
Stage 2	871	1719	-	498	962	-	-	-	-	-	-	-
Critical Hdwy	7.54	6.54	6.94	7.54	6.54	6.94	4.14	-	-	4.14	-	-
Critical Hdwy Stg 1	6.54	5.54	-	6.54	5.54	-	-	-	-	-	-	-
Critical Hdwy Stg 2	6.54	5.54	-	6.54	5.54	-	-	-	-	-	-	-
Follow-up Hdwy	3.52	4.02	3.32	3.52	4.02	3.32	2.22	-	-	2.22	-	-
Pot Cap-1 Maneuver	48	22	545	26	23	322	738	-	-	400	-	-
Stage 1	277	334	-	99	150	-	-	-	-	-	-	-
Stage 2	312	143	-	523	332	-	-	-	-	-	-	-
Platoon blocked, %												
Mov Cap-1 Maneuver	13	5	543	~ 8	5	321	736	-	-	399	-	-
Mov Cap-2 Maneuver	13	5	-	~ 8	5	-	-	-	-	-	-	-
Stage 1	69	296	-	25	38	-	-	-	-	-	-	-
Stage 2	65	36	-	444	294	-	-	-	-	-	-	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	153.3	\$ 772.9	3.6	1.1
HCM LOS	F	F		

Minor Lane/Major Mvmt	NBL	NBT	NBR	EBLn1WBLn1	SBL	SBT	SBR
Capacity (veh/h)	736	-	-	45 29	399	-	-
HCM Lane V/C Ratio	0.071	-	-	0.53 2.038	0.054	-	-
HCM Control Delay (s)	10.3	3.6	-	153.3\$ 772.9	14.5	0.8	-
HCM Lane LOS	B	A	-	F F	B	A	-
HCM 95th %tile Q(veh)	0.2	-	-	1.9 7	0.2	-	-

**Notes**

~: Volume exceeds capacity    \$: Delay exceeds 300s    +: Computation Not Defined    \*: All major volume in platoon



**Intersection**

Int Delay, s/veh 3.5

Movement	EBL	EBT	WBT	WBR	SBL	SBR
Traffic Vol, veh/h	0	105	44	159	139	0
Future Vol, veh/h	0	105	44	159	139	0
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	-	0	0	-	0	-
Grade, %	-	0	0	-	0	-
Peak Hour Factor	88	88	88	88	88	88
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	0	119	50	181	158	0

Major/Minor	Major1	Major2	Minor2
Conflicting Flow All	231	0	140
Stage 1	-	-	-
Stage 2	-	-	-
Critical Hdwy	4.12	-	6.22
Critical Hdwy Stg 1	-	-	-
Critical Hdwy Stg 2	-	-	-
Follow-up Hdwy	2.218	-	3.318
Pot Cap-1 Maneuver	1337	-	908
Stage 1	-	-	-
Stage 2	-	-	-
Platoon blocked, %	-	-	-
Mov Cap-1 Maneuver	1337	-	908
Mov Cap-2 Maneuver	-	-	-
Stage 1	-	-	-
Stage 2	-	-	-

Approach	EB	WB	SB
HCM Control Delay, s	0	0	11.3
HCM LOS			B

Minor Lane/Major Mvmt	EBL	EBT	WBT	WBR	SBLn1
Capacity (veh/h)	1337	-	-	-	730
HCM Lane V/C Ratio	-	-	-	-	0.216
HCM Control Delay (s)	0	-	-	-	11.3
HCM Lane LOS	A	-	-	-	B
HCM 95th %tile Q(veh)	0	-	-	-	0.8

**Intersection**

Int Delay, s/veh 8.9

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Traffic Vol, veh/h	1	98	4	4	151	2	22	31	6	0	14	4
Future Vol, veh/h	1	98	4	4	151	2	22	31	6	0	14	4
Conflicting Peds, #/hr	1	0	1	1	0	1	0	0	4	4	0	0
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Free	Free	Free	Free	Free	Free
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	-	-	-	-	-	-	-	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	88	88	88	88	88	88	88	88	88	88	88	88
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	1	111	5	5	172	2	25	35	7	0	16	5

Major/Minor	Minor2			Minor1			Major1			Major2		
Conflicting Flow All	196	112	23	167	111	44	21	0	0	43	0	0
Stage 1	19	19	-	90	90	-	-	-	-	-	-	-
Stage 2	177	93	-	77	21	-	-	-	-	-	-	-
Critical Hdwy	7.12	6.52	6.22	7.12	6.52	6.22	4.12	-	-	4.12	-	-
Critical Hdwy Stg 1	6.12	5.52	-	6.12	5.52	-	-	-	-	-	-	-
Critical Hdwy Stg 2	6.12	5.52	-	6.12	5.52	-	-	-	-	-	-	-
Follow-up Hdwy	3.518	4.018	3.318	3.518	4.018	3.318	2.218	-	-	2.218	-	-
Pot Cap-1 Maneuver	763	778	1054	797	779	1026	1595	-	-	1566	-	-
Stage 1	1000	880	-	917	820	-	-	-	-	-	-	-
Stage 2	825	818	-	932	878	-	-	-	-	-	-	-
Platoon blocked, %												
Mov Cap-1 Maneuver	620	764	1050	694	765	1022	1590	-	-	1561	-	-
Mov Cap-2 Maneuver	620	764	-	694	765	-	-	-	-	-	-	-
Stage 1	983	879	-	902	806	-	-	-	-	-	-	-
Stage 2	635	804	-	808	877	-	-	-	-	-	-	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	10.5	11.1	2.7	0
HCM LOS	B	B		

Minor Lane/Major Mvmt	NBL	NBT	NBR	EBLn1WBLn1	SBL	SBT	SBR
Capacity (veh/h)	1590	-	-	770 765	1561	-	-
HCM Lane V/C Ratio	0.016	-	-	0.152 0.233	-	-	-
HCM Control Delay (s)	7.3	0	-	10.5 11.1	0	-	-
HCM Lane LOS	A	A	-	B B	A	-	-
HCM 95th %tile Q(veh)	0	-	-	0.5 0.9	0	-	-

**Intersection**

Int Delay, s/veh 1.6

Movement	NBL	NBR	NET	NER	SWL	SWT
Traffic Vol, veh/h	49	7	454	6	3	703
Future Vol, veh/h	49	7	454	6	3	703
Conflicting Peds, #/hr	1	1	0	1	1	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	-	-	-
Veh in Median Storage, #	0	-	0	-	-	0
Grade, %	0	-	0	-	-	0
Peak Hour Factor	88	88	88	88	88	88
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	56	8	516	7	3	799

Major/Minor	Minor1	Minor2	Major1	Major2	Major3	Major4
Conflicting Flow All	1326	521	0	0	524	0
Stage 1	520	-	-	-	-	-
Stage 2	806	-	-	-	-	-
Critical Hdwy	6.42	6.22	-	-	4.12	-
Critical Hdwy Stg 1	5.42	-	-	-	-	-
Critical Hdwy Stg 2	5.42	-	-	-	-	-
Follow-up Hdwy	3.518	3.318	-	-	2.218	-
Pot Cap-1 Maneuver	172	555	-	-	1043	-
Stage 1	597	-	-	-	-	-
Stage 2	439	-	-	-	-	-
Platoon blocked, %			-	-		
Mov Cap-1 Maneuver	171	554	-	-	1042	-
Mov Cap-2 Maneuver	171	-	-	-	-	-
Stage 1	597	-	-	-	-	-
Stage 2	436	-	-	-	-	-

Approach	NB	NE	SW
HCM Control Delay, s	33.9	0	0
HCM LOS	D		

Minor Lane/Major Mvmt	NET	NER	NBLn1	SWL	SWT
Capacity (veh/h)	-	-	187	1042	-
HCM Lane V/C Ratio	-	-	0.34	0.003	-
HCM Control Delay (s)	-	-	33.9	8.5	0
HCM Lane LOS	-	-	D	A	A
HCM 95th %tile Q(veh)	-	-	1.4	0	-

**Intersection**

Int Delay, s/veh 2.9

Movement	EBL	EBT	WBT	WBR	SBL	SBR
Traffic Vol, veh/h	53	422	238	3	30	112
Future Vol, veh/h	53	422	238	3	30	112
Conflicting Peds, #/hr	14	0	0	14	14	14
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	-	0	0	-	0	-
Grade, %	-	0	0	-	0	-
Peak Hour Factor	88	88	88	88	88	88
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	60	480	270	3	34	127

Major/Minor	Major1	Major2	Minor2
Conflicting Flow All	288	0	886
Stage 1	-	-	286
Stage 2	-	-	600
Critical Hdwy	4.12	-	6.42
Critical Hdwy Stg 1	-	-	5.42
Critical Hdwy Stg 2	-	-	5.42
Follow-up Hdwy	2.218	-	3.518
Pot Cap-1 Maneuver	1274	-	315
Stage 1	-	-	763
Stage 2	-	-	548
Platoon blocked, %	-	-	-
Mov Cap-1 Maneuver	1259	-	288
Mov Cap-2 Maneuver	-	-	288
Stage 1	-	-	754
Stage 2	-	-	506

Approach	EB	WB	SB
HCM Control Delay, s	0.9	0	14.3
HCM LOS			B

Minor Lane/Major Mvmt	EBL	EBT	WBT	WBR	SBLn1
Capacity (veh/h)	1259	-	-	-	548
HCM Lane V/C Ratio	0.048	-	-	-	0.294
HCM Control Delay (s)	8	0	-	-	14.3
HCM Lane LOS	A	A	-	-	B
HCM 95th %tile Q(veh)	0.2	-	-	-	1.2

**Intersection**

Int Delay, s/veh 2.3

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Traffic Vol, veh/h	3	41	98	3	46	141
Future Vol, veh/h	3	41	98	3	46	141
Conflicting Peds, #/hr	0	0	0	3	3	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	-	-	-
Veh in Median Storage, #	0	-	0	-	-	0
Grade, %	0	-	0	-	-	0
Peak Hour Factor	88	88	88	88	88	88
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	3	47	111	3	52	160

Major/Minor	Minor1	Major1	Major2
Conflicting Flow All	378	116	0
Stage 1	113	-	-
Stage 2	265	-	-
Critical Hdwy	6.42	6.22	4.12
Critical Hdwy Stg 1	5.42	-	-
Critical Hdwy Stg 2	5.42	-	-
Follow-up Hdwy	3.518	3.318	2.218
Pot Cap-1 Maneuver	624	936	1474
Stage 1	912	-	-
Stage 2	779	-	-
Platoon blocked, %	-	-	-
Mov Cap-1 Maneuver	598	934	1470
Mov Cap-2 Maneuver	598	-	-
Stage 1	912	-	-
Stage 2	747	-	-

Approach	WB	NB	SB
HCM Control Delay, s	9.2	0	1.9
HCM LOS	A		

Minor Lane/Major Mvmt	NBT	NBRWBLn1	SBL	SBT
Capacity (veh/h)	-	-	900	1470
HCM Lane V/C Ratio	-	-	0.056	0.036
HCM Control Delay (s)	-	-	9.2	7.5
HCM Lane LOS	-	-	A	A
HCM 95th %tile Q(veh)	-	-	0.2	0.1

**Intersection**

Int Delay, s/veh 3.8

Movement	EBL	EBT	WBT	WBR	SEL	SER
Traffic Vol, veh/h	3	457	235	66	178	3
Future Vol, veh/h	3	457	235	66	178	3
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	100	-	-	-	0	-
Veh in Median Storage, #	-	0	0	-	0	-
Grade, %	-	0	0	-	0	-
Peak Hour Factor	88	88	88	88	88	88
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	3	519	267	75	202	3

Major/Minor	Major1	Major2	Minor2
Conflicting Flow All	342	0	831
Stage 1	-	-	305
Stage 2	-	-	526
Critical Hdwy	4.12	-	6.42
Critical Hdwy Stg 1	-	-	5.42
Critical Hdwy Stg 2	-	-	5.42
Follow-up Hdwy	2.218	-	3.518
Pot Cap-1 Maneuver	1217	-	340
Stage 1	-	-	748
Stage 2	-	-	593
Platoon blocked, %	-	-	-
Mov Cap-1 Maneuver	1217	-	339
Mov Cap-2 Maneuver	-	-	452
Stage 1	-	-	748
Stage 2	-	-	592

Approach	EB	WB	SE
HCM Control Delay, s	0.1	0	19.3
HCM LOS			C

Minor Lane/Major Mvmt	EBL	EBT	WBT	WBR	SELn1
Capacity (veh/h)	1217	-	-	-	455
HCM Lane V/C Ratio	0.003	-	-	-	0.452
HCM Control Delay (s)	8	-	-	-	19.3
HCM Lane LOS	A	-	-	-	C
HCM 95th %tile Q(veh)	0	-	-	-	2.3

**Intersection**

Int Delay, s/veh 5.4

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Traffic Vol, veh/h	112	520	11	23	274	1
Future Vol, veh/h	112	520	11	23	274	1
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	50	-	0	50
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	88	88	88	88	88	88
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	127	591	13	26	311	1

Major/Minor	Major1	Major2	Minor1
Conflicting Flow All	0	0	718
Stage 1	-	-	-
Stage 2	-	-	-
Critical Hdwy	-	-	4.12
Critical Hdwy Stg 1	-	-	-
Critical Hdwy Stg 2	-	-	-
Follow-up Hdwy	-	-	2.218
Pot Cap-1 Maneuver	-	-	883
Stage 1	-	-	-
Stage 2	-	-	-
Platoon blocked, %	-	-	-
Mov Cap-1 Maneuver	-	-	883
Mov Cap-2 Maneuver	-	-	-
Stage 1	-	-	-
Stage 2	-	-	-

Approach	EB	WB	NB
HCM Control Delay, s	0	3	18.2
HCM LOS			C

Minor Lane/Major Mvmt	NBLn1	NBLn2	EBT	EBR	WBL	WBT
Capacity (veh/h)	579	631	-	-	883	-
HCM Lane V/C Ratio	0.538	0.002	-	-	0.014	-
HCM Control Delay (s)	18.2	10.7	-	-	9.1	-
HCM Lane LOS	C	B	-	-	A	-
HCM 95th %tile Q(veh)	3.2	0	-	-	0	-

**Intersection**

Int Delay, s/veh 1.1

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Traffic Vol, veh/h	17	1	46	76	0	19
Future Vol, veh/h	17	1	46	76	0	19
Conflicting Peds, #/hr	3	3	0	3	3	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	-	50	-
Veh in Median Storage, #	0	-	0	-	-	0
Grade, %	0	-	0	-	-	0
Peak Hour Factor	88	88	88	88	88	88
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	19	1	52	86	0	22

Major/Minor	Minor1	Major1	Major2
Conflicting Flow All	120	101	0
Stage 1	98	-	-
Stage 2	22	-	-
Critical Hdwy	6.42	6.22	-
Critical Hdwy Stg 1	5.42	-	-
Critical Hdwy Stg 2	5.42	-	-
Follow-up Hdwy	3.518	3.318	-
Pot Cap-1 Maneuver	876	954	-
Stage 1	926	-	-
Stage 2	1001	-	-
Platoon blocked, %			
Mov Cap-1 Maneuver	872	949	-
Mov Cap-2 Maneuver	830	-	-
Stage 1	924	-	-
Stage 2	998	-	-

Approach	WB	NB	SB
HCM Control Delay, s	9.4	0	0
HCM LOS	A		

Minor Lane/Major Mvmt	NBT	NBRWBLn1	SBL	SBT
Capacity (veh/h)	-	-	836	1437
HCM Lane V/C Ratio	-	-	0.024	-
HCM Control Delay (s)	-	-	9.4	0
HCM Lane LOS	-	-	A	A
HCM 95th %tile Q(veh)	-	-	0.1	0



**Intersection**

Int Delay, s/veh 2.6

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Traffic Vol, veh/h	19	0	0	47	0	0
Future Vol, veh/h	19	0	0	47	0	0
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	-	-	-
Veh in Median Storage, #	0	-	0	-	-	0
Grade, %	0	-	0	-	-	0
Peak Hour Factor	88	88	88	88	88	88
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	22	0	0	53	0	0

Major/Minor	Minor1	Major1	Major2
Conflicting Flow All	27	27	0 0 53 0
Stage 1	27	-	- - - -
Stage 2	0	-	- - - -
Critical Hdwy	6.42	6.22	- - 4.12 -
Critical Hdwy Stg 1	5.42	-	- - - -
Critical Hdwy Stg 2	5.42	-	- - - -
Follow-up Hdwy	3.518	3.318	- - 2.218 -
Pot Cap-1 Maneuver	988	1048	- - 1553 -
Stage 1	996	-	- - - -
Stage 2	-	-	- - - -
Platoon blocked, %			- - - -
Mov Cap-1 Maneuver	988	1048	- - 1553 -
Mov Cap-2 Maneuver	909	-	- - - -
Stage 1	996	-	- - - -
Stage 2	-	-	- - - -

Approach	WB	NB	SB
HCM Control Delay, s	9.1	0	0
HCM LOS	A		

Minor Lane/Major Mvmt	NBT	NBRWBLn1	SBL	SBT
Capacity (veh/h)	-	- 909	1553	-
HCM Lane V/C Ratio	-	- 0.024	-	-
HCM Control Delay (s)	-	- 9.1	0	-
HCM Lane LOS	-	- A	A	-
HCM 95th %tile Q(veh)	-	- 0.1	0	-

**Intersection**

Int Delay, s/veh 11.8

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Traffic Vol, veh/h	3	1	17	10	1	32	46	1347	59	15	798	10
Future Vol, veh/h	3	1	17	10	1	32	46	1347	59	15	798	10
Conflicting Peds, #/hr	1	0	1	1	0	1	4	0	3	3	0	4
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Free	Free	Free	Free	Free	Free
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	-	-	-	-	-	-	-	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	88	88	88	88	88	88	88	88	88	88	88	88
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	3	1	19	11	1	36	52	1531	67	17	907	11

Major/Minor	Minor2			Minor1			Major1			Major2		
Conflicting Flow All	1819	2651	464	2159	2623	804	919	0	0	1599	0	0
Stage 1	948	948	-	1670	1670	-	-	-	-	-	-	-
Stage 2	871	1703	-	489	953	-	-	-	-	-	-	-
Critical Hdwy	7.54	6.54	6.94	7.54	6.54	6.94	4.14	-	-	4.14	-	-
Critical Hdwy Stg 1	6.54	5.54	-	6.54	5.54	-	-	-	-	-	-	-
Critical Hdwy Stg 2	6.54	5.54	-	6.54	5.54	-	-	-	-	-	-	-
Follow-up Hdwy	3.52	4.02	3.32	3.52	4.02	3.32	2.22	-	-	2.22	-	-
Pot Cap-1 Maneuver	48	23	545	27	24	326	738	-	-	406	-	-
Stage 1	280	338	-	100	151	-	-	-	-	-	-	-
Stage 2	312	146	-	529	336	-	-	-	-	-	-	-
Platoon blocked, %												
Mov Cap-1 Maneuver	16	7	543	~ 10	7	325	736	-	-	405	-	-
Mov Cap-2 Maneuver	16	7	-	~ 10	7	-	-	-	-	-	-	-
Stage 1	91	309	-	33	49	-	-	-	-	-	-	-
Stage 2	88	48	-	463	307	-	-	-	-	-	-	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	105	\$ 466.4	3.3	0.8
HCM LOS	F	F		

Minor Lane/Major Mvmt	NBL	NBT	NBR	EBLn1	WBLn1	SBL	SBT	SBR
Capacity (veh/h)	736	-	-	58	35	405	-	-
HCM Lane V/C Ratio	0.071	-	-	0.411	1.396	0.042	-	-
HCM Control Delay (s)	10.3	3.2	-	105\$	466.4	14.3	0.6	-
HCM Lane LOS	B	A	-	F	F	B	A	-
HCM 95th %tile Q(veh)	0.2	-	-	1.5	5.2	0.1	-	-

**Notes**

~: Volume exceeds capacity    \$: Delay exceeds 300s    +: Computation Not Defined    \*: All major volume in platoon

**Intersection**

Int Delay, s/veh 3.2

Movement	EBL	EBT	WBT	WBR	SBL	SBR
Traffic Vol, veh/h	0	77	31	111	102	0
Future Vol, veh/h	0	77	31	111	102	0
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	-	0	0	-	0	-
Grade, %	-	0	0	-	0	-
Peak Hour Factor	88	88	88	88	88	88
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	0	88	35	126	116	0

Major/Minor	Major1	Major2	Minor2
Conflicting Flow All	161	0	98
Stage 1	-	-	98
Stage 2	-	-	88
Critical Hdwy	4.12	-	6.22
Critical Hdwy Stg 1	-	-	5.42
Critical Hdwy Stg 2	-	-	5.42
Follow-up Hdwy	2.218	-	3.318
Pot Cap-1 Maneuver	1418	-	958
Stage 1	-	-	926
Stage 2	-	-	935
Platoon blocked, %	-	-	-
Mov Cap-1 Maneuver	1418	-	958
Mov Cap-2 Maneuver	-	-	-
Stage 1	-	-	926
Stage 2	-	-	935

Approach	EB	WB	SB
HCM Control Delay, s	0	0	10.2
HCM LOS			B

Minor Lane/Major Mvmt	EBL	EBT	WBT	WBR	SBLn1
Capacity (veh/h)	1418	-	-	-	803
HCM Lane V/C Ratio	-	-	-	-	0.144
HCM Control Delay (s)	0	-	-	-	10.2
HCM Lane LOS	A	-	-	-	B
HCM 95th %tile Q(veh)	0	-	-	-	0.5

**Intersection**

Int Delay, s/veh 7.9

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Traffic Vol, veh/h	1	63	4	3	105	1	22	31	4	0	14	4
Future Vol, veh/h	1	63	4	3	105	1	22	31	4	0	14	4
Conflicting Peds, #/hr	1	0	1	1	0	1	0	0	4	4	0	0
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Free	Free	Free	Free	Free	Free
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	-	-	-	-	-	-	-	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	88	88	88	88	88	88	88	88	88	88	88	88
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	1	72	5	3	119	1	25	35	5	0	16	5

Major/Minor	Minor2			Minor1			Major1			Major2		
Conflicting Flow All	168	110	23	145	109	43	21	0	0	41	0	0
Stage 1	19	19	-	88	88	-	-	-	-	-	-	-
Stage 2	149	91	-	57	21	-	-	-	-	-	-	-
Critical Hdwy	7.12	6.52	6.22	7.12	6.52	6.22	4.12	-	-	4.12	-	-
Critical Hdwy Stg 1	6.12	5.52	-	6.12	5.52	-	-	-	-	-	-	-
Critical Hdwy Stg 2	6.12	5.52	-	6.12	5.52	-	-	-	-	-	-	-
Follow-up Hdwy	3.518	4.018	3.318	3.518	4.018	3.318	2.218	-	-	2.218	-	-
Pot Cap-1 Maneuver	796	780	1054	824	781	1027	1595	-	-	1568	-	-
Stage 1	1000	880	-	920	822	-	-	-	-	-	-	-
Stage 2	854	820	-	955	878	-	-	-	-	-	-	-
Platoon blocked, %												
Mov Cap-1 Maneuver	689	766	1050	749	767	1023	1590	-	-	1563	-	-
Mov Cap-2 Maneuver	689	766	-	749	767	-	-	-	-	-	-	-
Stage 1	983	879	-	905	808	-	-	-	-	-	-	-
Stage 2	713	806	-	871	877	-	-	-	-	-	-	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	10.1	10.6	2.8	0
HCM LOS	B	B		

Minor Lane/Major Mvmt	NBL	NBT	NBR	EBLn1	WBLn1	SBL	SBT	SBR
Capacity (veh/h)	1590	-	-	777	768	1563	-	-
HCM Lane V/C Ratio	0.016	-	-	0.099	0.161	-	-	-
HCM Control Delay (s)	7.3	0	-	10.1	10.6	0	-	-
HCM Lane LOS	A	A	-	B	B	A	-	-
HCM 95th %tile Q(veh)	0	-	-	0.3	0.6	0	-	-

**Intersection**

Int Delay, s/veh 0.6

Movement	NBL	NBR	NET	NER	SWL	SWT
Traffic Vol, veh/h	23	1	707	60	0	385
Future Vol, veh/h	23	1	707	60	0	385
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	-	-	-
Veh in Median Storage, #	0	-	0	-	-	0
Grade, %	0	-	0	-	-	0
Peak Hour Factor	88	88	88	88	88	88
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	26	1	803	68	0	438

Major/Minor	Minor1	Minor2	Major1	Major2	Major3	Major4
Conflicting Flow All	1276	838	0	0	872	0
Stage 1	838	-	-	-	-	-
Stage 2	438	-	-	-	-	-
Critical Hdwy	6.42	6.22	-	-	4.12	-
Critical Hdwy Stg 1	5.42	-	-	-	-	-
Critical Hdwy Stg 2	5.42	-	-	-	-	-
Follow-up Hdwy	3.518	3.318	-	-	2.218	-
Pot Cap-1 Maneuver	184	366	-	-	773	-
Stage 1	424	-	-	-	-	-
Stage 2	651	-	-	-	-	-
Platoon blocked, %	-	-	-	-	-	-
Mov Cap-1 Maneuver	184	366	-	-	773	-
Mov Cap-2 Maneuver	184	-	-	-	-	-
Stage 1	424	-	-	-	-	-
Stage 2	651	-	-	-	-	-

Approach	NB	NE	SW
HCM Control Delay, s	27.4	0	0
HCM LOS	D		

Minor Lane/Major Mvmt	NET	NER	NBLn1	SWL	SWT
Capacity (veh/h)	-	-	188	773	-
HCM Lane V/C Ratio	-	-	0.145	-	-
HCM Control Delay (s)	-	-	27.4	0	-
HCM Lane LOS	-	-	D	A	-
HCM 95th %tile Q(veh)	-	-	0.5	0	-

**Intersection**

Int Delay, s/veh 2.2

Movement	EBL	EBT	WBT	WBR	SBL	SBR
Traffic Vol, veh/h	63	327	236	6	7	89
Future Vol, veh/h	63	327	236	6	7	89
Conflicting Peds, #/hr	10	0	0	10	0	1
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	-	0	0	-	0	-
Grade, %	-	0	0	-	0	-
Peak Hour Factor	88	88	88	88	88	88
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	72	372	268	7	8	101

Major/Minor	Major1	Major2	Minor2
Conflicting Flow All	276	0	788
Stage 1	-	-	273
Stage 2	-	-	515
Critical Hdwy	4.12	-	6.42
Critical Hdwy Stg 1	-	-	5.42
Critical Hdwy Stg 2	-	-	5.42
Follow-up Hdwy	2.218	-	3.518
Pot Cap-1 Maneuver	1287	-	360
Stage 1	-	-	773
Stage 2	-	-	600
Platoon blocked, %	-	-	-
Mov Cap-1 Maneuver	1276	-	334
Mov Cap-2 Maneuver	-	-	334
Stage 1	-	-	772
Stage 2	-	-	557

Approach	EB	WB	SB
HCM Control Delay, s	1.3	0	11.2
HCM LOS			B

Minor Lane/Major Mvmt	EBL	EBT	WBT	WBR	SBLn1
Capacity (veh/h)	1276	-	-	-	687
HCM Lane V/C Ratio	0.056	-	-	-	0.159
HCM Control Delay (s)	8	0	-	-	11.2
HCM Lane LOS	A	A	-	-	B
HCM 95th %tile Q(veh)	0.2	-	-	-	0.6

**Intersection**

Int Delay, s/veh 6.8

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Traffic Vol, veh/h	25	221	57	12	235	162
Future Vol, veh/h	25	221	57	12	235	162
Conflicting Peds, #/hr	0	0	0	1	1	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	-	-	-
Veh in Median Storage, #	0	-	0	-	-	0
Grade, %	0	-	0	-	-	0
Peak Hour Factor	88	88	88	88	88	88
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	28	251	65	14	267	184

Major/Minor	Minor1	Major1	Major2
Conflicting Flow All	790	73	0 0 78 0
Stage 1	72	-	- - - -
Stage 2	718	-	- - - -
Critical Hdwy	6.42	6.22	- - 4.12 -
Critical Hdwy Stg 1	5.42	-	- - - -
Critical Hdwy Stg 2	5.42	-	- - - -
Follow-up Hdwy	3.518	3.318	- - 2.218 -
Pot Cap-1 Maneuver	359	989	- - 1520 -
Stage 1	951	-	- - - -
Stage 2	483	-	- - - -
Platoon blocked, %			- - - -
Mov Cap-1 Maneuver	288	988	- - 1519 -
Mov Cap-2 Maneuver	288	-	- - - -
Stage 1	951	-	- - - -
Stage 2	388	-	- - - -

Approach	WB	NB	SB
HCM Control Delay, s	12	0	4.7
HCM LOS	B		

Minor Lane/Major Mvmt	NBT	NBRWBLn1	SBL	SBT
Capacity (veh/h)	-	- 792	1519	-
HCM Lane V/C Ratio	-	- 0.353	0.176	-
HCM Control Delay (s)	-	- 12	7.9	0
HCM Lane LOS	-	- B	A	A
HCM 95th %tile Q(veh)	-	- 1.6	0.6	-

**Intersection**

Int Delay, s/veh 1.9

Movement	EBL	EBT	WBT	WBR	SEL	SER
Traffic Vol, veh/h	1	275	243	60	93	3
Future Vol, veh/h	1	275	243	60	93	3
Conflicting Peds, #/hr	6	0	0	3	0	1
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	100	-	-	-	0	-
Veh in Median Storage, #	-	0	0	-	0	-
Grade, %	-	0	0	-	0	-
Peak Hour Factor	88	88	88	88	88	88
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	1	313	276	68	106	3

Major/Minor	Major1	Major2	Minor2
Conflicting Flow All	345	0	626
Stage 1	-	-	311
Stage 2	-	-	315
Critical Hdwy	4.12	-	6.42
Critical Hdwy Stg 1	-	-	5.42
Critical Hdwy Stg 2	-	-	5.42
Follow-up Hdwy	2.218	-	3.518
Pot Cap-1 Maneuver	1214	-	448
Stage 1	-	-	743
Stage 2	-	-	740
Platoon blocked, %	-	-	-
Mov Cap-1 Maneuver	1208	-	447
Mov Cap-2 Maneuver	-	-	542
Stage 1	-	-	742
Stage 2	-	-	739

Approach	EB	WB	SE
HCM Control Delay, s	0	0	13.2
HCM LOS			B

Minor Lane/Major Mvmt	EBL	EBT	WBT	WBR	SELn1
Capacity (veh/h)	1208	-	-	-	546
HCM Lane V/C Ratio	0.001	-	-	-	0.2
HCM Control Delay (s)	8	-	-	-	13.2
HCM Lane LOS	A	-	-	-	B
HCM 95th %tile Q(veh)	0	-	-	-	0.7



**Intersection**

Int Delay, s/veh 5.6

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Traffic Vol, veh/h	89	226	4	240	261	1
Future Vol, veh/h	89	226	4	240	261	1
Conflicting Peds, #/hr	0	36	0	0	0	1
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	50	-	0	50
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	88	88	88	88	88	88
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	101	257	5	273	297	1

Major/Minor	Major1	Major2	Minor1
Conflicting Flow All	0	0	359
Stage 1	-	-	-
Stage 2	-	-	-
Critical Hdwy	-	-	4.12
Critical Hdwy Stg 1	-	-	-
Critical Hdwy Stg 2	-	-	-
Follow-up Hdwy	-	-	2.218
Pot Cap-1 Maneuver	-	-	1200
Stage 1	-	-	-
Stage 2	-	-	-
Platoon blocked, %	-	-	-
Mov Cap-1 Maneuver	-	-	1200
Mov Cap-2 Maneuver	-	-	-
Stage 1	-	-	-
Stage 2	-	-	-

Approach	EB	WB	NB
HCM Control Delay, s	0	0.1	17.5
HCM LOS			C

Minor Lane/Major Mvmt	NBLn1	NBLn2	EBT	EBR	WBL	WBT
Capacity (veh/h)	581	807	-	-	1200	-
HCM Lane V/C Ratio	0.51	0.001	-	-	0.004	-
HCM Control Delay (s)	17.5	9.5	-	-	8	-
HCM Lane LOS	C	A	-	-	A	-
HCM 95th %tile Q(veh)	2.9	0	-	-	0	-

**Intersection**

Int Delay, s/veh 3.5

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Traffic Vol, veh/h	109	0	82	9	1	135
Future Vol, veh/h	109	0	82	9	1	135
Conflicting Peds, #/hr	0	0	0	1	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	-	50	-
Veh in Median Storage, #	0	-	0	-	-	0
Grade, %	0	-	0	-	-	0
Peak Hour Factor	88	88	88	88	88	88
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	124	0	93	10	1	153

Major/Minor	Minor1	Major1	Major2
Conflicting Flow All	254	98	0 0 103 0
Stage 1	98	-	- - - -
Stage 2	156	-	- - - -
Critical Hdwy	6.42	6.22	- - 4.12 -
Critical Hdwy Stg 1	5.42	-	- - - -
Critical Hdwy Stg 2	5.42	-	- - - -
Follow-up Hdwy	3.518	3.318	- - 2.218 -
Pot Cap-1 Maneuver	735	958	- - 1489 -
Stage 1	926	-	- - - -
Stage 2	872	-	- - - -
Platoon blocked, %			- - - -
Mov Cap-1 Maneuver	734	958	- - 1489 -
Mov Cap-2 Maneuver	743	-	- - - -
Stage 1	926	-	- - - -
Stage 2	871	-	- - - -

Approach	WB	NB	SB
HCM Control Delay, s	10.8	0	0.1
HCM LOS	B		

Minor Lane/Major Mvmt	NBT	NBRWBLn1	SBL	SBT
Capacity (veh/h)	-	- 743	1489	-
HCM Lane V/C Ratio	-	- 0.167	0.001	-
HCM Control Delay (s)	-	- 10.8	7.4	-
HCM Lane LOS	-	- B	A	-
HCM 95th %tile Q(veh)	-	- 0.6	0	-

**Intersection**

Int Delay, s/veh 3.3

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Traffic Vol, veh/h	74	0	63	19	0	64
Future Vol, veh/h	74	0	63	19	0	64
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	-	-	-
Veh in Median Storage, #	0	-	0	-	-	0
Grade, %	0	-	0	-	-	0
Peak Hour Factor	88	88	88	88	88	88
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	84	0	72	22	0	73

Major/Minor	Minor1	Major1	Major2
Conflicting Flow All	155	82	0
Stage 1	82	-	-
Stage 2	73	-	-
Critical Hdwy	6.42	6.22	4.12
Critical Hdwy Stg 1	5.42	-	-
Critical Hdwy Stg 2	5.42	-	-
Follow-up Hdwy	3.518	3.318	2.218
Pot Cap-1 Maneuver	836	978	1501
Stage 1	941	-	-
Stage 2	950	-	-
Platoon blocked, %			
Mov Cap-1 Maneuver	836	978	1501
Mov Cap-2 Maneuver	813	-	-
Stage 1	941	-	-
Stage 2	950	-	-

Approach	WB	NB	SB
HCM Control Delay, s	9.9	0	0
HCM LOS	A		

Minor Lane/Major Mvmt	NBT	NBRWBLn1	SBL	SBT
Capacity (veh/h)	-	-	813	1501
HCM Lane V/C Ratio	-	-	0.103	-
HCM Control Delay (s)	-	-	9.9	0
HCM Lane LOS	-	-	A	A
HCM 95th %tile Q(veh)	-	-	0.3	0

**Intersection**

Int Delay, s/veh 1.6

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Traffic Vol, veh/h	1	11	62	52	8	84	43	869	151	73	1561	31
Future Vol, veh/h	1	11	62	52	8	84	43	869	151	73	1561	31
Conflicting Peds, #/hr	6	0	8	8	0	6	15	0	3	3	0	15
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Free	Free	Free	Free	Free	Free
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	-	-	-	-	-	-	-	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	88	88	88	88	88	88	88	88	88	88	88	88
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	1	13	70	59	9	95	49	988	172	83	1774	35

Major/Minor	Minor2			Minor1			Major1			Major2		
Conflicting Flow All	2569	3230	928	2246	3162	603	1817	0	0	1167	0	0
Stage 1	1965	1965	-	1179	1179	-	-	-	-	-	-	-
Stage 2	604	1265	-	1067	1983	-	-	-	-	-	-	-
Critical Hdwy	7.54	6.54	6.94	7.54	6.54	6.94	4.14	-	-	4.14	-	-
Critical Hdwy Stg 1	6.54	5.54	-	6.54	5.54	-	-	-	-	-	-	-
Critical Hdwy Stg 2	6.54	5.54	-	6.54	5.54	-	-	-	-	-	-	-
Follow-up Hdwy	3.52	4.02	3.32	3.52	4.02	3.32	2.22	-	-	2.22	-	-
Pot Cap-1 Maneuver	13	~ 9	270	~ 23	10	442	334	-	-	594	-	-
Stage 1	65	107	-	202	262	-	-	-	-	-	-	-
Stage 2	452	239	-	237	105	-	-	-	-	-	-	-
Platoon blocked, %	-	-	-	-	-	-	-	-	-	-	-	-
Mov Cap-1 Maneuver	-	~ 5	265	-	~ 6	434	330	-	-	587	-	-
Mov Cap-2 Maneuver	-	~ 5	-	-	~ 6	-	-	-	-	-	-	-
Stage 1	36	106	-	112	145	-	-	-	-	-	-	-
Stage 2	182	133	-	152	104	-	-	-	-	-	-	-

Approach	EB	WB	NB	SB
HCM Control Delay, s			3.7	0.5
HCM LOS	-	-		

Minor Lane/Major Mvmt	NBL	NBT	NBR	EBLn1WBLn1	SBL	SBT	SBR
Capacity (veh/h)	330	-	-	-	587	-	-
HCM Lane V/C Ratio	0.148	-	-	-	0.141	-	-
HCM Control Delay (s)	17.8	3.6	-	-	12.1	0	-
HCM Lane LOS	C	A	-	-	B	A	-
HCM 95th %tile Q(veh)	0.5	-	-	-	0.5	-	-

**Notes**  
 -: Volume exceeds capacity    \$: Delay exceeds 300s    +: Computation Not Defined    \*: All major volume in platoon

**Intersection**

Int Delay, s/veh 4.4

Movement	EBL	EBT	WBT	WBR	SBL	SBR
Traffic Vol, veh/h	3	221	88	185	190	1
Future Vol, veh/h	3	221	88	185	190	1
Conflicting Peds, #/hr	0	0	0	1	1	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	-	0	0	-	0	-
Grade, %	-	0	0	-	0	-
Peak Hour Factor	88	88	88	88	88	88
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	3	251	100	210	216	1

Major/Minor	Major1	Major2	Minor2
Conflicting Flow All	311	0	464
Stage 1	-	-	206
Stage 2	-	-	258
Critical Hdwy	4.12	-	6.42
Critical Hdwy Stg 1	-	-	5.42
Critical Hdwy Stg 2	-	-	5.42
Follow-up Hdwy	2.218	-	3.518
Pot Cap-1 Maneuver	1249	-	835
Stage 1	-	-	829
Stage 2	-	-	785
Platoon blocked, %	-	-	-
Mov Cap-1 Maneuver	1249	-	834
Mov Cap-2 Maneuver	-	-	553
Stage 1	-	-	828
Stage 2	-	-	782

Approach	EB	WB	SB
HCM Control Delay, s	0.1	0	15.6
HCM LOS			C

Minor Lane/Major Mvmt	EBL	EBT	WBT	WBR	SBLn1
Capacity (veh/h)	1249	-	-	-	554
HCM Lane V/C Ratio	0.003	-	-	-	0.392
HCM Control Delay (s)	7.9	0	-	-	15.6
HCM Lane LOS	A	A	-	-	C
HCM 95th %tile Q(veh)	0	-	-	-	1.9

**Intersection**

Int Delay, s/veh 10.3

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Traffic Vol, veh/h	3	168	17	10	198	0	10	25	19	13	17	6
Future Vol, veh/h	3	168	17	10	198	0	10	25	19	13	17	6
Conflicting Peds, #/hr	1	0	10	10	0	1	3	0	0	0	0	3
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Free	Free	Free	Free	Free	Free
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	-	-	-	-	-	-	-	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	88	88	88	88	88	88	88	88	88	88	88	88
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	3	191	19	11	225	0	11	28	22	15	19	7

Major/Minor	Minor2			Minor1			Major1			Major2		
Conflicting Flow All	246	145	36	239	138	52	36	0	0	60	0	0
Stage 1	62	62	-	72	72	-	-	-	-	-	-	-
Stage 2	184	83	-	167	66	-	-	-	-	-	-	-
Critical Hdwy	7.12	6.52	6.22	7.12	6.52	6.22	4.12	-	-	4.12	-	-
Critical Hdwy Stg 1	6.12	5.52	-	6.12	5.52	-	-	-	-	-	-	-
Critical Hdwy Stg 2	6.12	5.52	-	6.12	5.52	-	-	-	-	-	-	-
Follow-up Hdwy	3.518	4.018	3.318	3.518	4.018	3.318	2.218	-	-	2.218	-	-
Pot Cap-1 Maneuver	708	746	1037	715	753	1016	1575	-	-	1544	-	-
Stage 1	949	843	-	938	835	-	-	-	-	-	-	-
Stage 2	818	826	-	835	840	-	-	-	-	-	-	-
Platoon blocked, %												
Mov Cap-1 Maneuver	526	721	1026	545	728	1005	1571	-	-	1540	-	-
Mov Cap-2 Maneuver	526	721	-	545	728	-	-	-	-	-	-	-
Stage 1	935	828	-	924	822	-	-	-	-	-	-	-
Stage 2	588	813	-	623	825	-	-	-	-	-	-	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	11.9	12.5	1.4	2.7
HCM LOS	B	B		

Minor Lane/Major Mvmt	NBL	NBT	NBR	EBLn1	WBLn1	SBL	SBT	SBR
Capacity (veh/h)	1571	-	-	736	716	1540	-	-
HCM Lane V/C Ratio	0.007	-	-	0.29	0.33	0.01	-	-
HCM Control Delay (s)	7.3	0	-	11.9	12.5	7.4	0	-
HCM Lane LOS	A	A	-	B	B	A	A	-
HCM 95th %tile Q(veh)	0	-	-	1.2	1.4	0	-	-

**Intersection**

Int Delay, s/veh 0.5

Movement	NBL	NBR	NET	NER	SWL	SWT
Traffic Vol, veh/h	23	1	669	60	0	352
Future Vol, veh/h	23	1	669	60	0	352
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	-	-	-
Veh in Median Storage, #	0	-	0	-	-	0
Grade, %	0	-	0	-	-	0
Peak Hour Factor	88	88	88	88	88	88
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	26	1	760	68	0	400

Major/Minor	Minor1	Minor2	Major1	Major2	Major3	Major4
Conflicting Flow All	1194	794	0	0	828	0
Stage 1	794	-	-	-	-	-
Stage 2	400	-	-	-	-	-
Critical Hdwy	6.42	6.22	-	-	4.12	-
Critical Hdwy Stg 1	5.42	-	-	-	-	-
Critical Hdwy Stg 2	5.42	-	-	-	-	-
Follow-up Hdwy	3.518	3.318	-	-	2.218	-
Pot Cap-1 Maneuver	206	388	-	-	803	-
Stage 1	445	-	-	-	-	-
Stage 2	677	-	-	-	-	-
Platoon blocked, %	-	-	-	-	-	-
Mov Cap-1 Maneuver	206	388	-	-	803	-
Mov Cap-2 Maneuver	206	-	-	-	-	-
Stage 1	445	-	-	-	-	-
Stage 2	677	-	-	-	-	-

Approach	NB	NE	SW
HCM Control Delay, s	24.7	0	0
HCM LOS	C		

Minor Lane/Major Mvmt	NET	NER	NBLn1	SWL	SWT
Capacity (veh/h)	-	-	210	803	-
HCM Lane V/C Ratio	-	-	0.13	-	-
HCM Control Delay (s)	-	-	24.7	0	-
HCM Lane LOS	-	-	C	A	-
HCM 95th %tile Q(veh)	-	-	0.4	0	-

**Intersection**

Int Delay, s/veh 2.4

Movement	EBL	EBT	WBT	WBR	SBL	SBR
Traffic Vol, veh/h	63	279	186	4	6	89
Future Vol, veh/h	63	279	186	4	6	89
Conflicting Peds, #/hr	10	0	0	10	0	1
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	-	0	0	-	0	-
Grade, %	-	0	0	-	0	-
Peak Hour Factor	88	88	88	88	88	88
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	72	317	211	5	7	101

Major/Minor	Major1	Major2	Minor2
Conflicting Flow All	217	0	675
Stage 1	-	-	215
Stage 2	-	-	460
Critical Hdwy	4.12	-	6.42
Critical Hdwy Stg 1	-	-	5.42
Critical Hdwy Stg 2	-	-	5.42
Follow-up Hdwy	2.218	-	3.518
Pot Cap-1 Maneuver	1353	-	419
Stage 1	-	-	821
Stage 2	-	-	636
Platoon blocked, %	-	-	-
Mov Cap-1 Maneuver	1342	-	391
Mov Cap-2 Maneuver	-	-	391
Stage 1	-	-	820
Stage 2	-	-	594

Approach	EB	WB	SB
HCM Control Delay, s	1.4	0	10.6
HCM LOS			B

Minor Lane/Major Mvmt	EBL	EBT	WBT	WBR	SBLn1
Capacity (veh/h)	1342	-	-	-	756
HCM Lane V/C Ratio	0.053	-	-	-	0.143
HCM Control Delay (s)	7.8	0	-	-	10.6
HCM Lane LOS	A	A	-	-	B
HCM 95th %tile Q(veh)	0.2	-	-	-	0.5



**Intersection**

Int Delay, s/veh 2.8

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Traffic Vol, veh/h	6	49	57	3	56	162
Future Vol, veh/h	6	49	57	3	56	162
Conflicting Peds, #/hr	0	0	0	1	1	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	-	-	-
Veh in Median Storage, #	0	-	0	-	-	0
Grade, %	0	-	0	-	-	0
Peak Hour Factor	88	88	88	88	88	88
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	7	56	65	3	64	184

Major/Minor	Minor1	Major1	Major2
Conflicting Flow All	377	67	0
Stage 1	66	-	-
Stage 2	311	-	-
Critical Hdwy	6.42	6.22	4.12
Critical Hdwy Stg 1	5.42	-	-
Critical Hdwy Stg 2	5.42	-	-
Follow-up Hdwy	3.518	3.318	2.218
Pot Cap-1 Maneuver	625	997	1533
Stage 1	957	-	-
Stage 2	743	-	-
Platoon blocked, %	-	-	-
Mov Cap-1 Maneuver	595	996	1532
Mov Cap-2 Maneuver	595	-	-
Stage 1	957	-	-
Stage 2	707	-	-

Approach	WB	NB	SB
HCM Control Delay, s	9.2	0	1.9
HCM LOS	A		

Minor Lane/Major Mvmt	NBT	NBRWBLn1	SBL	SBT
Capacity (veh/h)	-	-	928	1532
HCM Lane V/C Ratio	-	-	0.067	0.042
HCM Control Delay (s)	-	-	9.2	7.5
HCM Lane LOS	-	-	A	A
HCM 95th %tile Q(veh)	-	-	0.2	0.1

**Intersection**

Int Delay, s/veh 1.8

Movement	EBL	EBT	WBT	WBR	SEL	SER
Traffic Vol, veh/h	1	226	192	47	79	3
Future Vol, veh/h	1	226	192	47	79	3
Conflicting Peds, #/hr	6	0	0	3	0	1
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	100	-	-	-	0	-
Veh in Median Storage, #	-	0	0	-	0	-
Grade, %	-	0	0	-	0	-
Peak Hour Factor	88	88	88	88	88	88
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	1	257	218	53	90	3

Major/Minor	Major1	Major2	Minor2
Conflicting Flow All	273	0	505
Stage 1	-	-	246
Stage 2	-	-	259
Critical Hdwy	4.12	-	6.42
Critical Hdwy Stg 1	-	-	5.42
Critical Hdwy Stg 2	-	-	5.42
Follow-up Hdwy	2.218	-	3.518
Pot Cap-1 Maneuver	1290	-	527
Stage 1	-	-	795
Stage 2	-	-	784
Platoon blocked, %	-	-	-
Mov Cap-1 Maneuver	1284	-	526
Mov Cap-2 Maneuver	-	-	600
Stage 1	-	-	794
Stage 2	-	-	783

Approach	EB	WB	SE
HCM Control Delay, s	0	0	12
HCM LOS			B

Minor Lane/Major Mvmt	EBL	EBT	WBT	WBR	SELn1
Capacity (veh/h)	1284	-	-	-	605
HCM Lane V/C Ratio	0.001	-	-	-	0.154
HCM Control Delay (s)	7.8	-	-	-	12
HCM Lane LOS	A	-	-	-	B
HCM 95th %tile Q(veh)	0	-	-	-	0.5

**Intersection**

Int Delay, s/veh 5.7

Movement	EBT	EBR	WBL	WBT	NBL	NBR
Traffic Vol, veh/h	26	226	4	176	261	1
Future Vol, veh/h	26	226	4	176	261	1
Conflicting Peds, #/hr	0	36	0	0	0	1
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	50	-	0	50
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	88	88	88	88	88	88
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	30	257	5	200	297	1

Major/Minor	Major1	Major2	Minor1
Conflicting Flow All	0	0	287
Stage 1	-	-	-
Stage 2	-	-	-
Critical Hdwy	-	-	4.12
Critical Hdwy Stg 1	-	-	-
Critical Hdwy Stg 2	-	-	-
Follow-up Hdwy	-	-	2.218
Pot Cap-1 Maneuver	-	-	1275
Stage 1	-	-	-
Stage 2	-	-	-
Platoon blocked, %	-	-	-
Mov Cap-1 Maneuver	-	-	1275
Mov Cap-2 Maneuver	-	-	-
Stage 1	-	-	-
Stage 2	-	-	-

Approach	EB	WB	NB
HCM Control Delay, s	0	0.2	14.9
HCM LOS			B

Minor Lane/Major Mvmt	NBLn1	NBLn2	EBT	EBR	WBL	WBT
Capacity (veh/h)	656	885	-	-	1275	-
HCM Lane V/C Ratio	0.452	0.001	-	-	0.004	-
HCM Control Delay (s)	14.9	9.1	-	-	7.8	-
HCM Lane LOS	B	A	-	-	A	-
HCM 95th %tile Q(veh)	2.4	0	-	-	0	-

**Intersection**

Int Delay, s/veh 5.2

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Traffic Vol, veh/h	109	0	19	9	1	72
Future Vol, veh/h	109	0	19	9	1	72
Conflicting Peds, #/hr	0	0	0	1	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	-	50	-
Veh in Median Storage, #	0	-	0	-	-	0
Grade, %	0	-	0	-	-	0
Peak Hour Factor	88	88	88	88	88	88
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	124	0	22	10	1	82

Major/Minor	Minor1	Major1	Major2
Conflicting Flow All	111	27	0 0 32 0
Stage 1	27	-	- - - -
Stage 2	84	-	- - - -
Critical Hdwy	6.42	6.22	- - 4.12 -
Critical Hdwy Stg 1	5.42	-	- - - -
Critical Hdwy Stg 2	5.42	-	- - - -
Follow-up Hdwy	3.518	3.318	- - 2.218 -
Pot Cap-1 Maneuver	886	1048	- - 1580 -
Stage 1	996	-	- - - -
Stage 2	939	-	- - - -
Platoon blocked, %			- - - -
Mov Cap-1 Maneuver	885	1048	- - 1580 -
Mov Cap-2 Maneuver	841	-	- - - -
Stage 1	996	-	- - - -
Stage 2	938	-	- - - -

Approach	WB	NB	SB
HCM Control Delay, s	10	0	0.1
HCM LOS	B		

Minor Lane/Major Mvmt	NBT	NBRWBLn1	SBL	SBT
Capacity (veh/h)	-	- 841	1580	-
HCM Lane V/C Ratio	-	- 0.147	0.001	-
HCM Control Delay (s)	-	- 10	7.3	-
HCM Lane LOS	-	- B	A	-
HCM 95th %tile Q(veh)	-	- 0.5	0	-

**Intersection**

Int Delay, s/veh 7.4

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Traffic Vol, veh/h	74	0	0	19	0	0
Future Vol, veh/h	74	0	0	19	0	0
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	-	-	-	-
Veh in Median Storage, #	0	-	0	-	-	0
Grade, %	0	-	0	-	-	0
Peak Hour Factor	88	88	88	88	88	88
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	84	0	0	22	0	0

Major/Minor	Minor1	Major1	Major2
Conflicting Flow All	11	11	0
Stage 1	11	-	-
Stage 2	0	-	-
Critical Hdwy	6.42	6.22	4.12
Critical Hdwy Stg 1	5.42	-	-
Critical Hdwy Stg 2	5.42	-	-
Follow-up Hdwy	3.518	3.318	2.218
Pot Cap-1 Maneuver	1009	1070	1593
Stage 1	1012	-	-
Stage 2	-	-	-
Platoon blocked, %			
Mov Cap-1 Maneuver	1009	1070	1593
Mov Cap-2 Maneuver	924	-	-
Stage 1	1012	-	-
Stage 2	-	-	-

Approach	WB	NB	SB
HCM Control Delay, s	9.3	0	0
HCM LOS	A		

Minor Lane/Major Mvmt	NBT	NBRWBLn1	SBL	SBT
Capacity (veh/h)	-	-	924	1593
HCM Lane V/C Ratio	-	-	0.091	-
HCM Control Delay (s)	-	-	9.3	0
HCM Lane LOS	-	-	A	A
HCM 95th %tile Q(veh)	-	-	0.3	0

**Intersection**

Int Delay, s/veh 25.7

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Traffic Vol, veh/h	1	7	62	36	6	59	43	869	104	50	1561	31
Future Vol, veh/h	1	7	62	36	6	59	43	869	104	50	1561	31
Conflicting Peds, #/hr	6	0	8	8	0	6	15	0	3	3	0	15
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Free	Free	Free	Free	Free	Free
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	-	-	-	-	-	-	-	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	88	88	88	88	88	88	88	88	88	88	88	88
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	1	8	70	41	7	67	49	988	118	57	1774	35

Major/Minor	Minor2			Minor1			Major1			Major2		
Conflicting Flow All	2516	3124	928	2165	3083	576	1817	0	0	1114	0	0
Stage 1	1913	1913	-	1152	1152	-	-	-	-	-	-	-
Stage 2	603	1211	-	1013	1931	-	-	-	-	-	-	-
Critical Hdwy	7.54	6.54	6.94	7.54	6.54	6.94	4.14	-	-	4.14	-	-
Critical Hdwy Stg 1	6.54	5.54	-	6.54	5.54	-	-	-	-	-	-	-
Critical Hdwy Stg 2	6.54	5.54	-	6.54	5.54	-	-	-	-	-	-	-
Follow-up Hdwy	3.52	4.02	3.32	3.52	4.02	3.32	2.22	-	-	2.22	-	-
Pot Cap-1 Maneuver	14	11	270	~ 26	12	460	334	-	-	623	-	-
Stage 1	70	114	-	210	270	-	-	-	-	-	-	-
Stage 2	453	253	-	256	112	-	-	-	-	-	-	-
Platoon blocked, %												
Mov Cap-1 Maneuver	~ 1	~ 7	265	-	7	451	330	-	-	615	-	-
Mov Cap-2 Maneuver	~ 1	~ 7	-	-	7	-	-	-	-	-	-	-
Stage 1	42	113	-	125	161	-	-	-	-	-	-	-
Stage 2	219	151	-	173	111	-	-	-	-	-	-	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	\$ 981.6		3.5	0.3
HCM LOS	F	-		

Minor Lane/Major Mvmt	NBL	NBT	NBR	EBLn1WBLn1	SBL	SBT	SBR
Capacity (veh/h)	330	-	-	31	-	615	-
HCM Lane V/C Ratio	0.148	-	-	2.566	-	0.092	-
HCM Control Delay (s)	17.8	3.2	-	\$ 981.6	-	11.4	0
HCM Lane LOS	C	A	-	F	-	B	A
HCM 95th %tile Q(veh)	0.5	-	-	9.3	-	0.3	-

**Notes**

~: Volume exceeds capacity    \$: Delay exceeds 300s    +: Computation Not Defined    \*: All major volume in platoon

**Intersection**

Int Delay, s/veh 3.5

Movement	EBL	EBT	WBT	WBR	SBL	SBR
Traffic Vol, veh/h	3	125	32	69	106	1
Future Vol, veh/h	3	125	32	69	106	1
Conflicting Peds, #/hr	0	0	0	1	1	0
Sign Control	Free	Free	Free	Free	Stop	Stop
RT Channelized	-	None	-	None	-	None
Storage Length	-	-	-	-	0	-
Veh in Median Storage, #	-	0	0	-	0	-
Grade, %	-	0	0	-	0	-
Peak Hour Factor	88	88	88	88	88	88
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	3	142	36	78	120	1

Major/Minor	Major1	Major2	Minor2
Conflicting Flow All	116	0	77
Stage 1	-	-	77
Stage 2	-	-	149
Critical Hdwy	4.12	-	6.22
Critical Hdwy Stg 1	-	-	5.42
Critical Hdwy Stg 2	-	-	5.42
Follow-up Hdwy	2.218	-	3.318
Pot Cap-1 Maneuver	1473	-	984
Stage 1	-	-	946
Stage 2	-	-	879
Platoon blocked, %	-	-	-
Mov Cap-1 Maneuver	1473	-	983
Mov Cap-2 Maneuver	-	-	-
Stage 1	-	-	945
Stage 2	-	-	877

Approach	EB	WB	SB
HCM Control Delay, s	0.2	0	10.6
HCM LOS			B

Minor Lane/Major Mvmt	EBL	EBT	WBT	WBR	SBLn1
Capacity (veh/h)	1473	-	-	-	761
HCM Lane V/C Ratio	0.002	-	-	-	0.16
HCM Control Delay (s)	7.5	0	-	-	10.6
HCM Lane LOS	A	A	-	-	B
HCM 95th %tile Q(veh)	0	-	-	-	0.6

**Intersection**

Int Delay, s/veh 8.2

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Traffic Vol, veh/h	3	98	17	4	87	0	10	25	11	7	17	6
Future Vol, veh/h	3	98	17	4	87	0	10	25	11	7	17	6
Conflicting Peds, #/hr	1	0	10	10	0	1	3	0	0	0	0	3
Sign Control	Stop	Stop	Stop	Stop	Stop	Stop	Free	Free	Free	Free	Free	Free
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	-	-	-	-	-	-	-	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	88	88	88	88	88	88	88	88	88	88	88	88
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	3	111	19	5	99	0	11	28	13	8	19	7

Major/Minor	Minor2			Minor1			Major1			Major2		
Conflicting Flow All	166	123	36	181	119	48	36	0	0	51	0	0
Stage 1	49	49	-	67	67	-	-	-	-	-	-	-
Stage 2	117	74	-	114	52	-	-	-	-	-	-	-
Critical Hdwy	7.12	6.52	6.22	7.12	6.52	6.22	4.12	-	-	4.12	-	-
Critical Hdwy Stg 1	6.12	5.52	-	6.12	5.52	-	-	-	-	-	-	-
Critical Hdwy Stg 2	6.12	5.52	-	6.12	5.52	-	-	-	-	-	-	-
Follow-up Hdwy	3.518	4.018	3.318	3.518	4.018	3.318	2.218	-	-	2.218	-	-
Pot Cap-1 Maneuver	798	767	1037	781	771	1021	1575	-	-	1555	-	-
Stage 1	964	854	-	943	839	-	-	-	-	-	-	-
Stage 2	888	833	-	891	852	-	-	-	-	-	-	-
Platoon blocked, %												
Mov Cap-1 Maneuver	703	745	1026	665	749	1010	1571	-	-	1551	-	-
Mov Cap-2 Maneuver	703	745	-	665	749	-	-	-	-	-	-	-
Stage 1	949	843	-	929	826	-	-	-	-	-	-	-
Stage 2	774	820	-	753	841	-	-	-	-	-	-	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	10.6	10.6	1.6	1.7
HCM LOS	B	B		

Minor Lane/Major Mvmt	NBL	NBT	NBR	EBLn1WBLn1	SBL	SBT	SBR
Capacity (veh/h)	1571	-	-	774	745	1551	-
HCM Lane V/C Ratio	0.007	-	-	0.173	0.139	0.005	-
HCM Control Delay (s)	7.3	0	-	10.6	10.6	7.3	0
HCM Lane LOS	A	A	-	B	B	A	A
HCM 95th %tile Q(veh)	0	-	-	0.6	0.5	0	-



