MP 14.92 - SR2 - SR203 - Lewis St

November 2, 2010

Control Table Info

Description	SR2 / SR203 - Lewis St
Created By	WagnerG
Created On	06/02/10 12:15:11
Modified By	WagnerG
Modified On	10/19/10 14:36:51

NextPhase 1.7.5 Control Params

Control Mode	scheduler
Manual Plan	1: Free Plan
Free Plan	1: Free Plan
Default Schedule	1: Basic Schedule Parameters

Schedule Table Info

Table	Description	Created By	Created On	Modified By	Modified On
1	Basic Schedule Parameters	WagnerG	06/02/10 12:15:11	WagnerG	10/19/10 14:17:13

Schedule Table 1 Params

Event	Enable	Hour	Minute	Day Of Week							CtrMode	Plan
				Su	Mo	Tu	We	Th	Fr	Sa		
1	X	0	1	X	X	X	X	X	X	X	free	1
2	X	6	30		X	X	X	X	X		sched	2
3	X	8	30		X	X	X	X	X		sched	3
4	X	10	0	X						X	sched	5
5	X	14	0	X							sched	6
6	X	15	0		X	X	X	X	X		sched	4
7	X	19	0		X	X	X	X	X		free	1
8	X	21	0	X						X	free	1
9		0	0								sched	0
10		13	0								sched	7
11		21	0								sched	1
12		0	0								sched	0
13		0	0								sched	0
14		0	0								sched	0
15		0	0								sched	0
16		0	0								sched	0
17		0	0								sched	0
18		0	0								sched	0
19		0	0								sched	0
20		0	0								sched	0
21		0	0								sched	0
22		0	0								sched	0
23		0	0								sched	0
24		0	0								sched	0
25		0	0								sched	0
26		0	0								sched	0
27		0	0								sched	0
28		0	0								sched	0
29		0	0								sched	0
30		0	0								sched	0
31		0	0								sched	0
32		0	0								sched	0
33		0	0								sched	0
34		0	0								sched	0

NextEdit

MP 14.92 - SR2 - SR203 - Lewis St

Parameters Holiday Floating

Holiday	Enable	Month	Week	Day of Week							Schedule	Description
				Su	Mo	Tu	We	Th	Fr	Sa		
5		1	1								1: Basic Schedule Parameters	
6		1	1								1: Basic Schedule Parameters	
7		1	1								1: Basic Schedule Parameters	
8		1	1								1: Basic Schedule Parameters	
9		1	1								1: Basic Schedule Parameters	
10		1	1								1: Basic Schedule Parameters	
11		1	1								1: Basic Schedule Parameters	
12		1	1								1: Basic Schedule Parameters	
13		1	1								1: Basic Schedule Parameters	
14		1	1								1: Basic Schedule Parameters	
15		1	1								1: Basic Schedule Parameters	
16		1	1								1: Basic Schedule Parameters	
17		1	1								1: Basic Schedule Parameters	
18		1	1								1: Basic Schedule Parameters	
19		1	1								1: Basic Schedule Parameters	
20		1	1								1: Basic Schedule Parameters	

Plan Table Info

Table	Description	Created By	Created On	Modified By	Modified On
1	Free Plan	WagnerG	06/02/10 12:15:11	WagnerG	10/14/10 07:23:51
2	AM Peak 140sec	WagnerG	06/02/10 12:18:27	WagnerG	10/19/10 14:06:04
3	Noon Peak 145sec	WagnerG	10/14/10 07:23:50	WagnerG	10/19/10 14:05:13
4	PM Peak 150sec	WagnerG	10/14/10 07:23:50	WagnerG	10/19/10 14:15:15
5	Weekend 145sec	WagnerG	10/14/10 07:23:50	WagnerG	10/19/10 14:20:12
6	Weekend Peak 150sec	WagnerG	10/14/10 07:23:50	WagnerG	10/19/10 14:26:51
7	Memorial Day Plan	WagnerG	10/14/10 07:23:50	WagnerG	10/14/10 07:23:51

Plan Table 1 Params

Plan Mode	Max Mode	Splt/Ofs	Phase	Sequence	Overlap
free	max1	seconds	1: Basic Phase Parameters	1: Basic Phase Sequence	1: Basic Overlap Settings

Plan Table 1 Params

Prioritor	Config	Cycle Length	Permissive	SpcFcn							
				1	2	3	4	5	6	7	8
1: Basic Prioritor Settings	1: Basic Active Configuration	0	0								

Plan Table 1 Params

AuxFcn								Prioritor Disable									
1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10

NextEdit

MP 14.92 - SR2 - SR203 - Lewis St

Plan Table 3 Splits

Phase	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
CordMin	20	30	20	20	20	30	20	20	0	0	0	0	0	0	0
CordNom	27	55	25	38	30	52	25	38	0	0	0	0	0	0	0
CordMax	50	90	25	40	50	90	25	40	0	0	0	0	0	0	0
PriMin	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PriMax	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Plan Table 3 Splits

Phase	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
CordMin	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CordNom	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CordMax	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PriMin	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PriMax	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Plan Table 3 Splits

Phase	31	32	33	34	35	36	37	38	39	40
CordMin	0	0	0	0	0	0	0	0	0	0
CordNom	0	0	0	0	0	0	0	0	0	0
CordMax	0	0	0	0	0	0	0	0	0	0
PriMin	0	0	0	0	0	0	0	0	0	0
PriMax	0	0	0	0	0	0	0	0	0	0

Plan Table 3 Offsets

Offset	1	2	3	4	5	6	7	8	9	10	11
Barrier	a	None	None	None	None	None	None	None	None	None	None
Value	0	0	0	0	0	0	0	0	0	0	0

Plan Table 3 Offsets

Offset	12	13	14	15	16	17	18	19	20
Barrier	None	None	None	None	None	None	None	None	None
Value	0	0	0	0	0	0	0	0	0

Plan Table 4 Params

Plan Mode	Max Mode	Split/Ofs	Phase	Sequence	Overlap
coord	none	seconds	1: Basic Phase Parameters	1: Basic Phase Sequence	1: Basic Overlap Settings

Plan Table 4 Params

Prioritor	Config	Cycle Length	Permissive	SpcFcn							
				1	2	3	4	5	6	7	8
1: Basic Prioritor Settings	1: Basic Active Configuration	150	0								

NextEdit

MP 14.92 - SR2 - SR203 - Lewis St

Plan Table 4 Params

AuxFcn								Prioritor Disable									
1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10

Plan Table 4 Flags

Phase	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Coord		X				X														
Hold		X				X														

Plan Table 4 Flags

Phase	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
Coord																				
Hold																				

Plan Table 4 Splits

Phase	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
CordMin	20	35	20	25	20	35	20	25	0	0	0	0	0	0	0
CordNom	25	60	29	36	32	53	29	36	0	0	0	0	0	0	0
CordMax	40	100	30	40	40	100	30	40	0	0	0	0	0	0	0
PriMin	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PriMax	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Plan Table 4 Splits

Phase	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
CordMin	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CordNom	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CordMax	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PriMin	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PriMax	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Plan Table 4 Splits

Phase	31	32	33	34	35	36	37	38	39	40
CordMin	0	0	0	0	0	0	0	0	0	0
CordNom	0	0	0	0	0	0	0	0	0	0
CordMax	0	0	0	0	0	0	0	0	0	0
PriMin	0	0	0	0	0	0	0	0	0	0
PriMax	0	0	0	0	0	0	0	0	0	0

Plan Table 4 Offsets

Offset	1	2	3	4	5	6	7	8	9	10	11
Barrier	a	None	None	None	None	None	None	None	None	None	None
Value	25	0	0	0	0	0	0	0	0	0	0

NextEdit

MP 14.92 - SR2 - SR203 - Lewis St

Phase Table 1 Flags

Phase	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
Omit																				
PedOmit																				
MinRcl																				
MaxRcl																				
SftRcl																				
ConSvc																				
PedRcl																				
DualEnt																				
SimGap																				
RedRest																				
AutoPed																				
WlkRest																				
PedRcycl																				
RedLock																				
YelLock																				
NoExtend																				
NoAdded																				
NoReduce																				
NoRange																				
NoMaxLck																				

Phase Table 1 Timing

Phase	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MinGrn	3	15	3	5	3	15	3	5	0	0	0	0	0	0	0
Passage	2.5	4.0	3.5	2.5	2.5	4.0	2.5	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MinTerm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Max1	25	50	20	35	25	50	20	35	0	0	0	0	0	0	0
Max2	25	50	20	35	25	50	20	35	0	0	0	0	0	0	0
CSMax	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YelClr	3.6	4.0	3.6	4.0	3.6	4.0	3.6	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
RedClr	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0
Walk	0	7	0	5	0	7	0	5	0	0	0	0	0	0	0
PedClr	0	22	0	28	0	18	0	27	0	0	0	0	0	0	0
Added	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TTR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TBR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MinGap	2.5	4.0	3.5	2.5	2.5	4.0	2.5	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MxInit	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

MP 14.92 - SR2 - SR203 - Lewis St

Active Config Table 1 Params

Phase	1: Basic Phase Configuration
Overlap	1: Basic Overlap Configuration
Preempt	1: Basic Preempt Configuration
Cabinet	1: Basic 332 Cabinet Configuration
Detector	1: Basic Detector Configuration
Coordination	1: Basic Coordination Configuration
Peer	1: Basic Peer Configuration

Phase Config Table Info

Table	Description	Created By	Created On	Modified By	Modified On
1	Basic Phase Configuration	WagnerG	06/02/10 12:15:11	WagnerG	10/14/10 07:33:24

Phase Config Table 1 Phase ID

Phase	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Direction	wbl	ebt	sbl	nbt	ebl	wbt	nbl	sbt	none	none	none	none	none	none	none

Phase Config Table 1 Phase ID

Phase	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Direction	none	none	none	none	none	none	none	none	none	none	none	none	none	none	none

Phase Config Table 1 Phase ID

Phase	31	32	33	34	35	36	37	38	39	40
Direction	none	none	none	none	none	none	none	none	none	none

Phase Config Table 1 Flags

Phase	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Startup		X				X														
YelStart																				
RedStart																				
SecStart																				
Ped		X		X		X		X												
YelFlash																				
AltFlsHz																				
FlsEntry																				
FlsExit																				
NoCall																				
MCEOmit																				

Intersection

Intersection Delay (sec/veh): 2.2

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Volume (vph)	89	14	344	120	12	209
Conflicting Peds.(#/hr)	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
Right Turn Channelized	None	None	None	None	None	None
Storage Length	0	0		0	100	
Median Width	12		12			12
Grade (%)	0%		0%			0%
Peak Hour Factor	0.96	0.96	0.96	0.96	0.96	0.96
Heavy Vehicles(%)	2	2	2	2	2	2
Movement Flow Rate	93	15	358	125	13	218
Number of Lanes	1	0	1	0	1	1

Major/Minor			Major 1			Major 2
Conflicting Flow Rate - All	665	421	0	0	483	0
Stage 1	421	-	-	-	-	-
Stage 2	244	-	-	-	-	-
Follow-up Headway	3.518	3.318	-	-	2.218	-
Pot Capacity-1 Maneuver	425	632	-	-	1080	-
Stage 1	662	-	-	-	-	-
Stage 2	797	-	-	-	-	-
Time blocked-Platoon(%)	0	0	-	-	0	-
Mov Capacity-1 Maneuver	420	632	-	-	1080	-
Mov Capacity-2 Maneuver	420	-	-	-	-	-
Stage 1	662	-	-	-	-	-
Stage 2	787	-	-	-	-	-

Approach	WB	NB	SB
HCM Control Delay (s)	15.8	0	0.5
HCM LOS	C	A	A

Lane	NBT	NBR	WBLn1	SBL	SBT
Capacity (vph)			440		
HCM Control Delay (s)	-	-	15.8	8.372	-
HCM Lane VC Ratio	-	-	0.244	0.012	-
HCM Lane LOS	-	-	C	A	-
HCM 95th Percentile Queue (veh)	-	-	0.946	0.035	-

Intersection

Intersection Delay (sec/veh): 1.7

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Volume (vph)	6	62	95	458	286	12
Conflicting Peds.(#/hr)	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
Right Turn Channelized	None	None	None	None	None	None
Storage Length	0	0	100			0
Median Width	12			12	12	
Grade (%)	0%			0%	0%	
Peak Hour Factor	0.96	0.96	0.96	0.96	0.96	0.96
Heavy Vehicles(%)	2	2	2	2	2	2
Movement Flow Rate	6	65	99	477	298	13
Number of Lanes	1	0	1	1	1	0

Major/Minor				Major 1	Major 2	
Conflicting Flow Rate - All	980	305	311	0	0	0
Stage 1	305	-	-	-	-	-
Stage 2	675	-	-	-	-	-
Follow-up Headway	3.518	3.318	2.218	-	-	-
Pot Capacity-1 Maneuver	277	735	1249	-	-	-
Stage 1	748	-	-	-	-	-
Stage 2	506	-	-	-	-	-
Time blocked-Platoon(%)	0	0	0	-	-	-
Mov Capacity-1 Maneuver	255	735	1249	-	-	-
Mov Capacity-2 Maneuver	255	-	-	-	-	-
Stage 1	748	-	-	-	-	-
Stage 2	466	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay (s)	11.4	1.4	0
HCM LOS	B	A	A

Lane	NBL	NBT	EBLn1	SBT	SBR
Capacity (vph)			630		
HCM Control Delay (s)	8.13	-	11.4	-	-
HCM Lane VC Ratio	0.079	-	0.112	-	-
HCM Lane LOS	A	-	B	-	-
HCM 95th Percentile Queue (veh)	0.258	-	0.378	-	-

Intersection

Intersection Delay (sec/veh): 4.7

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Volume (vph)	23	244	395	52	119	225
Conflicting Peds.(#/hr)	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
Right Turn Channelized	None	None	None	None	None	None
Storage Length	0	0		0	150	
Median Width	12		12			12
Grade (%)	0%		0%			0%
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Heavy Vehicles(%)	2	2	2	2	2	2
Movement Flow Rate	25	265	429	57	129	245
Number of Lanes	1	0	1	1	1	2

Major/Minor			Major 1			Major 2
Conflicting Flow Rate - All	839	244	0	0	486	0
Stage 1	458	-	-	-	-	-
Stage 2	381	-	-	-	-	-
Follow-up Headway	3.52	3.32	-	-	2.22	-
Pot Capacity-1 Maneuver	304	757	-	-	1073	-
Stage 1	604	-	-	-	-	-
Stage 2	660	-	-	-	-	-
Time blocked-Platoon(%)	0	0	-	-	0	-
Mov Capacity-1 Maneuver	267	757	-	-	1073	-
Mov Capacity-2 Maneuver	267	-	-	-	-	-
Stage 1	604	-	-	-	-	-
Stage 2	581	-	-	-	-	-

Approach	WB	NB	SB
HCM Control Delay (s)	14.8	0	3
HCM LOS	B	A	A

Lane	NBT	NBR	WBLn1	SBL	SBT
Capacity (vph)			654		
HCM Control Delay (s)	-	-	14.8	8.814	-
HCM Lane VC Ratio	-	-	0.444	0.121	-
HCM Lane LOS	-	-	B	A	-
HCM 95th Percentile Queue (veh)	-	-	2.279	0.41	-

Lanes, Volumes, Timings
4: N Kelsey St & US-2

Eaglemont

Lane Group	EBU	EBL	EBT	EBR	WBU	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations														
Volume (vph)	84	383	1431	80	7	94	879	47	118	189	85	121	195	238
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Storage Length (ft)		750		0		700		0	100		100	350		0
Storage Lanes		2		0		1		0	1		1	1		1
Taper Length (ft)		25				25			25			25		
Lane Util. Factor	0.91	0.97	0.91	0.91	0.95	1.00	0.95	0.95	1.00	1.00	1.00	1.00	1.00	1.00
Frt			0.992				0.992				0.850			0.850
Flt Protected		0.950				0.950			0.950			0.950		
Satd. Flow (prot)	0	3367	4948	0	0	1736	3443	0	1736	1827	1553	1736	1827	1553
Flt Permitted		0.950				0.950			0.280			0.299		
Satd. Flow (perm)	0	3367	4948	0	0	1736	3443	0	512	1827	1553	546	1827	1553
Right Turn on Red				Yes				Yes			Yes			Yes
Satd. Flow (RTOR)			7				4				115			269
Link Speed (mph)			50				50			30			30	
Link Distance (ft)			1263				1615			2553			2702	
Travel Time (s)			17.2				22.0			58.0			61.4	
Peak Hour Factor	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.88
Heavy Vehicles (%)	4%	4%	4%	4%	4%	4%	4%	4%	4%	4%	4%	4%	4%	4%
Adj. Flow (vph)	95	435	1626	91	8	107	999	53	134	215	97	138	222	270
Shared Lane Traffic (%)														
Lane Group Flow (vph)	0	530	1717	0	0	115	1052	0	134	215	97	138	222	270
Turn Type	Prot	Prot	NA		Prot	Prot	NA		pm+pt	NA	Perm	pm+pt	NA	Perm
Protected Phases	5	5	2		1	1	6		7	4		3	8	
Permitted Phases									4		4	8		8
Detector Phase	5	5	2		1	1	6		7	4	4	3	8	8
Switch Phase														
Minimum Initial (s)	3.0	3.0	15.0		3.0	3.0	15.0		3.0	5.0	5.0	3.0	5.0	5.0
Minimum Split (s)	8.0	8.0	33.0		8.0	8.0	27.0		8.0	31.0	31.0	8.0	36.0	36.0
Total Split (s)	42.0	42.0	70.0		30.0	30.0	58.0		13.0	37.0	37.0	13.0	37.0	37.0
Total Split (%)	28.0%	28.0%	46.7%		20.0%	20.0%	38.7%		8.7%	24.7%	24.7%	8.7%	24.7%	24.7%
Yellow Time (s)	3.6	3.6	4.0		3.6	3.6	4.0		3.6	4.0	4.0	3.6	4.0	4.0
All-Red Time (s)	1.0	1.0	1.0		1.0	1.0	1.0		1.0	1.0	1.0	1.0	1.0	1.0
Lost Time Adjust (s)		0.0	0.0			0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0

Lanes, Volumes, Timings
4: N Kelsey St & US-2

Eaglemont

Lane Group	EBU	EBL	EBT	EBR	WBU	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Total Lost Time (s)		4.6	5.0			4.6	5.0		4.6	5.0	5.0	4.6	5.0	5.0
Lead/Lag	Lead	Lead	Lag		Lead	Lead	Lag		Lead	Lag	Lag	Lead	Lag	Lag
Lead-Lag Optimize?	Yes	Yes	Yes		Yes	Yes	Yes		Yes	Yes	Yes	Yes	Yes	Yes
Recall Mode	None	None	C-Max		None	None	C-Max		None	None	None	None	None	None
Act Effct Green (s)		28.5	84.3			14.8	70.6		32.2	23.4	23.4	32.2	23.4	23.4
Actuated g/C Ratio		0.19	0.56			0.10	0.47		0.21	0.16	0.16	0.21	0.16	0.16
v/c Ratio		0.83	0.62			0.67	0.65		0.75	0.76	0.29	0.75	0.78	0.58
Control Delay		70.0	24.6			61.1	41.5		72.9	76.8	7.2	72.6	79.0	10.7
Queue Delay		0.0	0.0			0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0
Total Delay		70.0	24.6			61.1	41.5		72.9	76.8	7.2	72.6	79.0	10.7
LOS		E	C			E	D		E	E	A	E	E	B
Approach Delay			35.3				43.4			60.5			48.3	
Approach LOS			D				D			E			D	
Queue Length 50th (ft)		259	396			120	333		108	205	0	112	212	1
Queue Length 95th (ft)		303	528			m164	422		156	273	32	160	282	72
Internal Link Dist (ft)			1183				1535			2473			2622	
Turn Bay Length (ft)		750				700			100		100	350		
Base Capacity (vph)		839	2782			293	1622		178	389	421	183	389	542
Starvation Cap Reductn		0	0			0	0		0	0	0	0	0	0
Spillback Cap Reductn		0	0			0	0		0	0	0	0	0	0
Storage Cap Reductn		0	0			0	0		0	0	0	0	0	0
Reduced v/c Ratio		0.63	0.62			0.39	0.65		0.75	0.55	0.23	0.75	0.57	0.50

Intersection Summary

Area Type: Other
Cycle Length: 150
Actuated Cycle Length: 150
Offset: 15 (10%), Referenced to phase 2:EBT and 6:WBT, Start of Green
Natural Cycle: 95
Control Type: Actuated-Coordinated
Maximum v/c Ratio: 0.83
Intersection Signal Delay: 41.8 — Intersection LOS: D
Intersection Capacity Utilization 76.4% — ICU Level of Service D
Analysis Period (min) 15

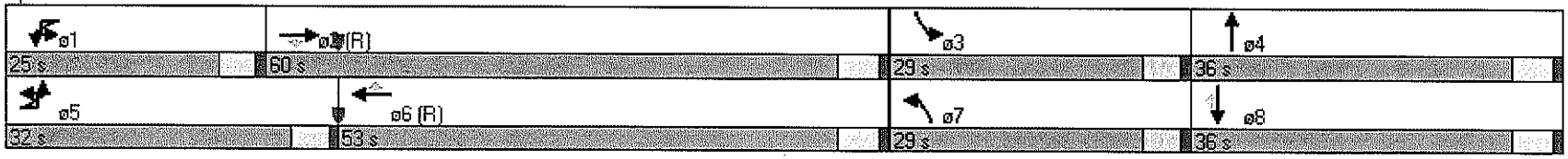
Lane Group	EBU	EBL	EBT	EBR	WBU	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Total Lost Time (s)		4.6	5.0	5.0		4.6	5.0	5.0	4.6	5.0		4.6	5.0	5.0
Lead/Lag	Lead	Lead	Lag	Lag	Lead	Lead	Lag	Lag	Lead	Lag		Lead	Lag	Lag
Lead-Lag Optimize?	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes		Yes	Yes	Yes
Recall Mode	None	None	C-Max	C-Max	None	None	C-Max	C-Max	None	Max		None	Max	Max
Act Effct Green (s)		24.5	58.9	58.9		16.5	50.9	50.9	17.8	39.8		15.6	37.6	37.6
Actuated g/C Ratio		0.16	0.39	0.39		0.11	0.34	0.34	0.12	0.27		0.10	0.25	0.25
v/c Ratio		0.87	0.97	0.32		0.75	0.76	0.22	0.73	0.41		0.63	0.44	0.09
Control Delay		103.1	45.4	3.1		88.1	49.8	9.3	74.6	42.5		69.0	50.2	0.4
Queue Delay		0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0
Total Delay		103.1	45.4	3.1		88.1	49.8	9.3	74.6	42.5		69.0	50.2	0.4
LOS		F	D	A		F	D	A	E	D		E	D	A
Approach Delay			48.1				49.9			56.6			54.3	
Approach LOS			D				D			E			D	
Queue Length 50th (ft)		195	681	13		137	420	11	144	142		104	171	0
Queue Length 95th (ft)		m#358	#863	m12		211	509	62	190	201		144	264	m0
Internal Link Dist (ft)			1535				3046			2957			666	
Turn Bay Length (ft)		500				250		200	200			200		
Base Capacity (vph)		317	1363	688		236	1177	603	547	909		547	457	475
Starvation Cap Reductn		0	0	0		0	0	0	0	0		0	0	0
Spillback Cap Reductn		0	0	0		0	0	0	0	0		0	0	0
Storage Cap Reductn		0	0	0		0	0	0	0	0		0	0	0
Reduced v/c Ratio		0.78	0.97	0.32		0.61	0.76	0.22	0.54	0.41		0.40	0.44	0.09

Intersection Summary

Area Type: Other
Cycle Length: 150
Actuated Cycle Length: 150
Offset: 25 (17%), Referenced to phase 2:EBT and 6:WBT, Start of Green
Natural Cycle: 110
Control Type: Actuated-Coordinated
Maximum v/c Ratio: 0.97
Intersection Signal Delay: 50.7 Intersection LOS: D
Intersection Capacity Utilization 74.5% ICU Level of Service D
Analysis Period (min) 15

95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.
m Volume for 95th percentile queue is metered by upstream signal.

Splits and Phases: 5: SR-203/Chain Lake Road & US-2



Intersection	
Intersection Delay (sec/veh):	2.5

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Volume (vph)	100	16	387	135	14	235
Conflicting Peds.(#/hr)	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
Right Turn Channelized	None	None	None	None	None	None
Storage Length	0	0		0	100	
Median Width	12		12			12
Grade (%)	0%		0%			0%
Peak Hour Factor	0.96	0.96	0.96	0.96	0.96	0.96
Heavy Vehicles(%)	2	2	2	2	2	2
Movement Flow Rate	104	17	403	141	15	245
Number of Lanes	1	0	1	0	1	1

Major/Minor			Major 1			Major 2
Conflicting Flow Rate - All	749	474	0	0	544	0
Stage 1	474	-	-	-	-	-
Stage 2	275	-	-	-	-	-
Follow-up Headway	3.518	3.318	-	-	2.218	-
Pot Capacity-1 Maneuver	379	590	-	-	1025	-
Stage 1	626	-	-	-	-	-
Stage 2	771	-	-	-	-	-
Time blocked-Platoon(%)	0	0	-	-	0	-
Mov Capacity-1 Maneuver	373	590	-	-	1025	-
Mov Capacity-2 Maneuver	373	-	-	-	-	-
Stage 1	626	-	-	-	-	-
Stage 2	760	-	-	-	-	-

Approach	WB	NB	SB
HCM Control Delay (s)	18.2	0	0.5
HCM LOS	C	A	A

Lane	NBT	NBR	WBLn1	SBL	SBT
Capacity (vph)			393		
HCM Control Delay (s)	-	-	18.2	8.563	-
HCM Lane VC Ratio	-	-	0.307	0.014	-
HCM Lane LOS	-	-	C	A	-
HCM 95th Percentile Queue (veh)	-	-	1.283	0.043	-

Intersection	
Intersection Delay (sec/veh):	1.7

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Volume (vph)	7	70	107	516	322	14
Conflicting Peds.(#/hr)	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
Right Turn Channelized	None	None	None	None	None	None
Storage Length	0	0	100			0
Median Width	12			12	12	
Grade (%)	0%			0%	0%	
Peak Hour Factor	0.96	0.96	0.96	0.96	0.96	0.96
Heavy Vehicles(%)	2	2	2	2	2	2
Movement Flow Rate	7	73	111	538	335	15
Number of Lanes	1	0	1	1	1	0

Major/Minor				Major 1	Major 2	
Conflicting Flow Rate - All	1103	343	350	0	0	0
Stage 1	343	-	-	-	-	-
Stage 2	760	-	-	-	-	-
Follow-up Headway	3.518	3.318	2.218	-	-	-
Pot Capacity-1 Maneuver	234	700	1209	-	-	-
Stage 1	719	-	-	-	-	-
Stage 2	462	-	-	-	-	-
Time blocked-Platoon(%)	0	0	0	-	-	-
Mov Capacity-1 Maneuver	213	700	1209	-	-	-
Mov Capacity-2 Maneuver	213	-	-	-	-	-
Stage 1	719	-	-	-	-	-
Stage 2	420	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay (s)	12.2	1.4	0
HCM LOS	B	A	A

Lane	NBL	NBT	EBLn1	SBT	SBR
Capacity (vph)			580		
HCM Control Delay (s)	8.28	-	12.2	-	-
HCM Lane VC Ratio	0.092	-	0.138	-	-
HCM Lane LOS	A	-	B	-	-
HCM 95th Percentile Queue (veh)	0.304	-	0.478	-	-

Intersection	
Intersection Delay (sec/veh):	5.5

Movement	WBL	WBR	NBT	NBR	SBL	SBT
Volume (vph)	26	275	445	59	134	253
Conflicting Peds.(#/hr)	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
Right Turn Channelized	None	None	None	None	None	None
Storage Length	0	0		0	150	
Median Width	12		12			12
Grade (%)	0%		0%			0%
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92
Heavy Vehicles(%)	2	2	2	2	2	2
Movement Flow Rate	28	299	484	64	146	275
Number of Lanes	1	0	1	1	1	2

Major/Minor			Major 1			Major 2
Conflicting Flow Rate - All	946	274	0	0	548	0
Stage 1	516	-	-	-	-	-
Stage 2	430	-	-	-	-	-
Follow-up Headway	3.52	3.32	-	-	2.22	-
Pot Capacity-1 Maneuver	260	724	-	-	1018	-
Stage 1	564	-	-	-	-	-
Stage 2	624	-	-	-	-	-
Time blocked-Platoon(%)	0	0	-	-	0	-
Mov Capacity-1 Maneuver	223	724	-	-	1018	-
Mov Capacity-2 Maneuver	223	-	-	-	-	-
Stage 1	564	-	-	-	-	-
Stage 2	535	-	-	-	-	-

Approach	WB	NB	SB
HCM Control Delay (s)	17.7	0	3.2
HCM LOS	C	A	A

Lane	NBT	NBR	WBLn1	SBL	SBT
Capacity (vph)			606		
HCM Control Delay (s)	-	-	17.7	9.126	-
HCM Lane VC Ratio	-	-	0.54	0.143	-
HCM Lane LOS	-	-	C	A	-
HCM 95th Percentile Queue (veh)	-	-	3.222	0.499	-