Level Of Service Computation Report
CCTALOS Method (Future Volume Alternative)

Intersection #15 Market/Bollinger Drive

Cycle (sec):	100	Critical Vol./Cap.(X):	0.669
Loss Time (sec):	0 (Y+R=4.0 sec)	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	69	Level Of Service:	B

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Control:	Split Phase			Split Phase			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Lanes:	1 1 0	0 1		1 0	0 1	0	1 0	3 0	1	2 0	2 1	0
Volume Module:												
Base Vol:	395	2	136	13	5	12	37	1912	460	42	824	8
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	395	2	136	13	5	12	37	1912	460	42	824	8
Added Vol:	16	0	0	0	0	0	0	598	27	0	419	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	411	2	136	13	5	12	37	2510	487	42	1243	8
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	411	2	136	13	5	12	37	2510	487	42	1243	8
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	411	2	136	13	5	12	37	2510	487	42	1243	8
RTOR Reduct:	0	0	23	0	0	0	0	0	226	0	0	0
RTOR Vol:	411	2	113	13	5	12	37	2510	261	42	1243	8
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Vol.:	411	2	113	13	5	12	37	2510	261	42	1243	8
Saturation Flow Module:												
Sat/Lane:	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650
Adjustment:	0.91	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.91	1.00	1.00
Lanes:	1.99	0.01	1.00	1.00	0.29	0.71	1.00	3.00	1.00	2.00	2.98	0.02
Final Sat.:	2985	16	1650	1650	485	1165	1650	4950	1650	3000	4918	32
Capacity Analysis Module:												
Vol/Sat:	0.14	0.13	0.07	0.01	0.01	0.01	0.02	0.51	0.16	0.01	0.25	0.25
Crit Vol:	206					17		837		21		
Crit Moves:	****					****		****		****		

Level Of Service Computation Report
CCTALOS Method (Future Volume Alternative)

Intersection #16 Alcosta/Bollinger

Cycle (sec):	100	Critical Vol./Cap.(X):	0.919
Loss Time (sec):	0 (Y+R=4.0 sec)	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	180	Level Of Service:	E

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Control:	Protected			Protected			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Lanes:	2 0	1 1	0	2 0	2 0	1	1 0	2 0	1	1 0	2 0	1
Volume Module:												
Base Vol:	154	411	127	239	404	165	260	1450	338	218	651	165
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	154	411	127	239	404	165	260	1450	338	218	651	165
Added Vol:	155	0	0	0	0	22	52	347	199	0	242	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	309	411	127	239	404	187	312	1797	537	218	893	165
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	309	411	127	239	404	187	312	1797	537	218	893	165
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	309	411	127	239	404	187	312	1797	537	218	893	165
RTOR Reduct:	0	0	0	0	0	187	0	0	170	0	0	131
RTOR Vol:	309	411	127	239	404	0	312	1797	367	218	893	34
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Vol.:	309	411	127	239	404	0	312	1797	367	218	893	34
Saturation Flow Module:												
Sat/Lane:	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650
Adjustment:	0.91	1.00	1.00	0.91	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	2.00	1.53	0.47	2.00	2.00	1.00	1.00	2.00	1.00	1.00	2.00	1.00
Final Sat.:	3000	2521	779	3000	3300	1650	1650	3300	1650	1650	3300	1650
Capacity Analysis Module:												
Vol/Sat:	0.10	0.16	0.16	0.08	0.12	0.00	0.19	0.54	0.22	0.13	0.27	0.02
Crit Vol:			269	120				899		218		
Crit Moves:			****	****				****		****		

Level Of Service Computation Report
CCTALOS Method (Future Volume Alternative)

Intersection #17 Alcosta/Norris

Cycle (sec):	100	Critical Vol./Cap.(X):	0.447
Loss Time (sec):	0 (Y+R=4.0 sec)	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	41	Level Of Service:	A

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Control:	Protected			Protected			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Lanes:	1 0	1 1	0	1 0	2 0	1	2 0	1 0	1	1 0	1 0	1
Volume Module:												
Base Vol:	125	548	35	76	356	127	374	77	158	44	138	139
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	125	548	35	76	356	127	374	77	158	44	138	139
Added Vol:	0	52	0	0	22	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	125	600	35	76	378	127	374	77	158	44	138	139
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	125	600	35	76	378	127	374	77	158	44	138	139
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	125	600	35	76	378	127	374	77	158	44	138	139
RTOR Reduct:	0	0	0	0	0	127	0	0	125	0	0	76
RTOR Vol:	125	600	35	76	378	0	374	77	33	44	138	63
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Vol.:	125	600	35	76	378	0	374	77	33	44	138	63
Saturation Flow Module:												
Sat/Lane:	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	0.91	1.00	1.00	1.00	1.00	1.00
Lanes:	1.00	1.89	0.11	1.00	2.00	1.00	2.00	1.00	1.00	1.00	1.00	1.00
Final Sat.:	1650	3118	182	1650	3300	1650	3000	1650	1650	1650	1650	1650
Capacity Analysis Module:												
Vol/Sat:	0.08	0.19	0.19	0.05	0.11	0.00	0.12	0.05	0.02	0.03	0.08	0.04
Crit Vol:			318	76			187				138	
Crit Moves:			****	****			****				****	

Level Of Service Computation Report
CCTALOS Method (Future Volume Alternative)

Intersection #18 San Ramon/Norris

Cycle (sec):	90	Critical Vol./Cap.(X):	0.571
Loss Time (sec):	0 (Y+R=4.0 sec)	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	53	Level Of Service:	A

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Control:	Protected			Protected			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Lanes:	1 0 1	1 0		2 0 1	1 0		1 0 1	1 0		1 0 1	0 1	
Volume Module:												
Base Vol:	100	300	100	150	300	100	100	200	100	250	500	350
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	100	300	100	150	300	100	100	200	100	250	500	350
Added Vol:	0	26	0	0	15	0	0	27	0	0	34	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	100	326	100	150	315	100	100	227	100	250	534	350
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	100	326	100	150	315	100	100	227	100	250	534	350
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	100	326	100	150	315	100	100	227	100	250	534	350
RTOR Reduct:	0	0	0	0	0	0	0	0	0	0	0	83
RTOR Vol:	100	326	100	150	315	100	100	227	100	250	534	267
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Vol.:	100	326	100	150	315	100	100	227	100	250	534	267
Saturation Flow Module:												
Sat/Lane:	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650
Adjustment:	1.00	1.00	1.00	0.91	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	1.00	1.53	0.47	2.00	1.52	0.48	1.00	1.39	0.61	1.00	1.00	1.00
Final Sat.:	1650	2525	775	3000	2505	795	1650	2291	1009	1650	1650	1650
Capacity Analysis Module:												
Vol/Sat:	0.06	0.13	0.13	0.05	0.13	0.13	0.06	0.10	0.10	0.15	0.32	0.16
Crit Vol:	100					208	100				534	
Crit Moves:	****					****	****				****	

Level Of Service Computation Report
CCTALOS Method (Future Volume Alternative)

Intersection #19 Bollinger/Crow

Cycle (sec):	100	Critical Vol./Cap.(X):	0.504
Loss Time (sec):	0 (Y+R=4.0 sec)	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	38	Level Of Service:	A

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Control:	Permitted			Permitted			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Lanes:	1 0	1 0	1	0 0	1! 0	0	1 0	2 0	1	1 0	2 0	1
Volume Module:												
Base Vol:	181	32	52	30	36	8	16	825	142	90	1004	29
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	181	32	52	30	36	8	16	825	142	90	1004	29
Added Vol:	63	0	0	0	0	0	0	43	43	0	63	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	244	32	52	30	36	8	16	868	185	90	1067	29
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	244	32	52	30	36	8	16	868	185	90	1067	29
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	244	32	52	30	36	8	16	868	185	90	1067	29
RTOR Reduct:	0	0	52	0	0	0	0	0	185	0	0	29
RTOR Vol:	244	32	0	30	36	8	16	868	0	90	1067	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Vol.:	244	32	0	30	36	8	16	868	0	90	1067	0
Saturation Flow Module:												
Sat/Lane:	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	1.00	1.00	1.00	0.40	0.49	0.11	1.00	2.00	1.00	1.00	2.00	1.00
Final Sat.:	1720	1720	1720	697	837	186	1720	3440	1720	1720	3440	1720
Capacity Analysis Module:												
Vol/Sat:	0.14	0.02	0.00	0.04	0.04	0.04	0.01	0.25	0.00	0.05	0.31	0.00
Crit Vol:	244				74		16				534	
Crit Moves:	****				****		****				****	

Level Of Service Computation Report
CCTALOS Method (Future Volume Alternative)

Intersection #20 Dougherty/Bollinger

Cycle (sec):	100	Critical Vol./Cap.(X):	0.533
Loss Time (sec):	0 (Y+R=4.0 sec)	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	49	Level Of Service:	A

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Control:	Protected			Protected			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Lanes:	0 0	0 0	0	1 0	0 0	2	2 0	1 1	0	0 0	2 0	1
Volume Module:												
Base Vol:	-23	0	0	281	0	287	622	730	-32	0	403	366
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	-23	0	0	281	0	287	622	730	-32	0	403	366
Added Vol:	23	0	0	0	0	20	31	212	32	0	151	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	0	0	281	0	307	653	942	0	0	554	366
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	0	0	281	0	307	653	942	0	0	554	366
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	0	0	281	0	307	653	942	0	0	554	366
RTOR Reduct:	0	0	0	0	0	307	0	0	0	0	0	281
RTOR Vol:	0	0	0	281	0	0	653	942	0	0	554	85
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Vol.:	0	0	0	281	0	0	653	942	0	0	554	85
Saturation Flow Module:												
Sat/Lane:	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720
Adjustment:	1.00	1.00	1.00	1.00	1.00	0.91	0.91	1.00	1.00	1.00	1.00	1.00
Lanes:	0.00	0.00	0.00	1.00	0.00	2.00	2.00	2.00	0.00	0.00	2.00	1.00
Final Sat.:	0	0	0	1720	0	3127	3127	3440	0	0	3440	1720
Capacity Analysis Module:												
Vol/Sat:	0.00	0.00	0.00	0.16	0.00	0.00	0.21	0.27	0.00	0.00	0.16	0.05
Crit Vol:		0		281			327				277	
Crit Moves:				****			****				****	

Level Of Service Computation Report
CCTALOS Method (Future Volume Alternative)

Intersection #21 San Ramon/Montevideo

Cycle (sec):	100	Critical Vol./Cap.(X):	0.818
Loss Time (sec):	0 (Y+R=4.0 sec)	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	125	Level Of Service:	D

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Control:	Protected			Protected			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Lanes:	0 0	1 1	0	1 0	2 0	0	0 0	0 0	0	1 0	0 0	1
Volume Module: 5:00 To 6:00												
Base Vol:	0	705	345	687	842	0	0	0	0	172	0	643
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	705	345	687	842	0	0	0	0	172	0	643
Added Vol:	0	13	0	16	16	0	0	0	0	0	0	11
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	718	345	703	858	0	0	0	0	172	0	654
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	718	345	703	858	0	0	0	0	172	0	654
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	718	345	703	858	0	0	0	0	172	0	654
RTOR Reduct:	0	0	0	0	0	0	0	0	0	0	0	654
RTOR Vol:	0	718	345	703	858	0	0	0	0	172	0	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Vol.:	0	718	345	703	858	0	0	0	0	172	0	0
Saturation Flow Module:												
Sat/Lane:	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	0.00	1.35	0.65	1.00	2.00	0.00	0.00	0.00	0.00	1.00	0.00	1.00
Final Sat.:	0	2324	1116	1720	3440	0	0	0	0	1720	0	1720
Capacity Analysis Module:												
Vol/Sat:	0.00	0.31	0.31	0.41	0.25	0.00	0.00	0.00	0.00	0.10	0.00	0.00
Crit Vol:			532	703				0		172		
Crit Moves:			****	****						****		

Level Of Service Computation Report
CCTALOS Method (Future Volume Alternative)

Intersection #22 Alcosts/Montevideo

Cycle (sec):	100	Critical Vol./Cap.(X):	0.358
Loss Time (sec):	0 (Y+R=4.0 sec)	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	36	Level Of Service:	A

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Protected			Protected			Split Phase			Split Phase		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Lanes:	1 0 2 0 0			0 0 2 0 1			1 0 0 0 1			0 0 0 0 0		
Volume Module: 5:00 To 6:00												
Base Vol:	66	262	0	0	616	210	114	0	43	0	0	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	66	262	0	0	616	210	114	0	43	0	0	0
Added Vol:	0	73	0	0	91	108	82	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	66	335	0	0	707	318	196	0	43	0	0	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	66	335	0	0	707	318	196	0	43	0	0	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	66	335	0	0	707	318	196	0	43	0	0	0
RTOR Reduct:	0	0	0	0	0	196	0	0	43	0	0	0
RTOR Vol:	66	335	0	0	707	122	196	0	0	0	0	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Vol.:	66	335	0	0	707	122	196	0	0	0	0	0
Saturation Flow Module:												
Sat/Lane:	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	1.00	2.00	0.00	0.00	2.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00
Final Sat.:	1720	3440	0	0	3440	1720	1720	0	1720	0	0	0
Capacity Analysis Module:												
Vol/Sat:	0.04	0.10	0.00	0.00	0.21	0.07	0.11	0.00	0.00	0.00	0.00	0.00
Crit Vol:	66				354		196				0	
Crit Moves:	****				****		****					

Level Of Service Computation Report
CCTALOS Method (Future Volume Alternative)

Intersection #23 Dougherty/Crow

Cycle (sec):	100	Critical Vol./Cap.(X):	0.581
Loss Time (sec):	0 (Y+R=4.0 sec)	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	54	Level Of Service:	A

Approach:	North Bound					South Bound					East Bound					West Bound				
Movement:	L	-	T	-	R	L	-	T	-	R	L	-	T	-	R	L	-	T	-	R
Control:	Protected					Protected					Protected					Protected				
Rights:	Include					Include					Include					Include				
Min. Green:	0	0			0	0	0			0	0	0			0	0	0			0
Lanes:	2	0	0	0	2	0	0	0	0	0	0	0	3	0	1	2	0	2	0	0
Volume Module:																				
Base Vol:	135		0		811	0		0		0	0		1195		137	547		541		0
Growth Adj:	1.00		1.00		1.00	1.00		1.00		1.00	1.00		1.00		1.00	1.00		1.00		1.00
Initial Bse:	135		0		811	0		0		0	0		1195		137	547		541		0
Added Vol:	20		0		0	0		0		0	0		61		31	0		45		0
PasserByVol:	0		0		0	0		0		0	0		0		0	0		0		0
Initial Fut:	155		0		811	0		0		0	0		1256		168	547		586		0
User Adj:	1.00		1.00		1.00	1.00		1.00		1.00	1.00		1.00		1.00	1.00		1.00		1.00
PHF Adj:	1.00		1.00		1.00	1.00		1.00		1.00	1.00		1.00		1.00	1.00		1.00		1.00
PHF Volume:	155		0		811	0		0		0	0		1256		168	547		586		0
Reduct Vol:	0		0		0	0		0		0	0		0		0	0		0		0
Reduced Vol:	155		0		811	0		0		0	0		1256		168	547		586		0
RTOR Reduct:	0		0		301	0		0		0	0		0		85	0		0		0
RTOR Vol:	155		0		510	0		0		0	0		1256		83	547		586		0
PCE Adj:	1.00		1.00		1.00	1.00		1.00		1.00	1.00		1.00		1.00	1.00		1.00		1.00
MLF Adj:	1.00		1.00		1.00	1.00		1.00		1.00	1.00		1.00		1.00	1.00		1.00		1.00
Final Vol.:	155		0		510	0		0		0	0		1256		83	547		586		0
Saturation Flow Module:																				
Sat/Lane:	1720		1720		1720	1720		1720		1720	1720		1720		1720	1720		1720		1720
Adjustment:	0.91		1.00		0.91	1.00		1.00		1.00	1.00		1.00		1.00	0.91		1.00		1.00
Lanes:	2.00		0.00		2.00	0.00		0.00		0.00	0.00		3.00		1.00	2.00		2.00		0.00
Final Sat.:	3127		0		3127	0		0		0	0		5160		1720	3127		3440		0
Capacity Analysis Module:																				
Vol/Sat:	0.05		0.00		0.16	0.00		0.00		0.00	0.00		0.24		0.05	0.17		0.17		0.00
Crit Vol:					255	0							419			274				
Crit Moves:					****								****			****				

Level Of Service Computation Report
CCTALOS Method (Future Volume Alternative)

Intersection #24 Alcosta/Old Ranch

Cycle (sec):	100	Critical Vol./Cap.(X):	0.296
Loss Time (sec):	0 (Y+R=4.0 sec)	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	32	Level Of Service:	A

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Split Phase			Split Phase			Split Phase			Split Phase		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Lanes:	0 1	0 1	0	1 0	1 1	0	1 0	0 0	0	1 0	1! 0	1
Volume Module: 5:00 To 6:00												
Base Vol:	2	212	161	164	242	1	1	0	0	127	1	176
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	2	212	161	164	242	1	1	0	0	127	1	176
Added Vol:	0	41	0	45	46	0	0	0	0	0	0	32
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	2	253	161	209	288	1	1	0	0	127	1	208
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	2	253	161	209	288	1	1	0	0	127	1	208
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	2	253	161	209	288	1	1	0	0	127	1	208
RTOR Reduct:	0	0	0	0	0	0	0	0	0	0	0	208
RTOR Vol:	2	253	161	209	288	1	1	0	0	127	1	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Vol.:	2	253	161	209	288	1	1	0	0	127	1	0
Saturation Flow Module:												
Sat/Lane:	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.91	1.00	0.91
Lanes:	0.01	1.22	0.77	1.00	1.99	0.01	1.00	0.00	0.00	1.98	0.02	1.00
Final Sat.:	16	2007	1277	1650	3289	11	1650	0	0	2976	26	1500
Capacity Analysis Module:												
Vol/Sat:	0.13	0.13	0.13	0.13	0.09	0.09	0.00	0.00	0.00	0.04	0.04	0.00
Crit Vol:		208		209			1			64		
Crit Moves:		****		****			****			****		

Level Of Service Computation Report
CCTALOS Method (Future Volume Alternative)

Intersection #25 Doughert/Old Ranch

Cycle (sec):	100	Critical Vol./Cap.(X):	0.379
Loss Time (sec):	0 (Y+R=4.0 sec)	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	37	Level Of Service:	A

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Protected			Protected			Split Phase			Split Phase		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Lanes:	1 0 2 0 0			0 0 1 1 0			1 0 0 0 2			0 0 0 0 0		
Volume Module: 5:00 To 6:00 PM												
Base Vol:	232	1052	0	0	494	47	102	0	120	0	0	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	232	1052	0	0	494	47	102	0	120	0	0	0
Added Vol:	18	0	0	0	0	15	22	0	23	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	250	1052	0	0	494	62	124	0	143	0	0	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	250	1052	0	0	494	62	124	0	143	0	0	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	250	1052	0	0	494	62	124	0	143	0	0	0
RTOR Reduct:	0	0	0	0	0	0	0	0	143	0	0	0
RTOR Vol:	250	1052	0	0	494	62	124	0	0	0	0	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Vol.:	250	1052	0	0	494	62	124	0	0	0	0	0
Saturation Flow Module:												
Sat/Lane:	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.91	1.00	1.00	1.00
Lanes:	1.00	2.00	0.00	0.00	1.78	0.22	1.00	0.00	2.00	0.00	0.00	0.00
Final Sat.:	1720	3440	0	0	3056	384	1720	0	3127	0	0	0
Capacity Analysis Module:												
Vol/Sat:	0.15	0.31	0.00	0.00	0.16	0.16	0.07	0.00	0.00	0.00	0.00	0.00
Crit Vol:	250					278	124				0	
Crit Moves:	****					****	****					

Level Of Service Computation Report
CCTALOS Method (Future Volume Alternative)

Intersection #26 Sunset/Center Street

Cycle (sec):	100	Critical Vol./Cap.(X):	0.648
Loss Time (sec):	0 (Y+R=4.0 sec)	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	53	Level Of Service:	B

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Control:	Split Phase			Split Phase			Permitted			Permitted		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Lanes:	2 0 2 1 0			1 0 1 1 0			0 1 0 0 1			1 0 0 1 0		
Volume Module:												
Base Vol:	250	200	97	25	1057	75	50	15	175	100	25	15
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	250	200	97	25	1057	75	50	15	175	100	25	15
Added Vol:	0	131	123	13	152	0	0	0	0	-72	0	12
Prj. I (Fle:	0	0	83	0	0	0	0	0	0	77	0	0
Initial Fut:	250	331	303	38	1209	75	50	15	175	105	25	27
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	250	331	303	38	1209	75	50	15	175	105	25	27
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	250	331	303	38	1209	75	50	15	175	105	25	27
RTOR Reduct:	0	0	0	0	0	0	0	0	138	0	0	0
RTOR Vol:	250	331	303	38	1209	75	50	15	38	105	25	27
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Vol.:	250	331	303	38	1209	75	50	15	38	105	25	27
Saturation Flow Module:												
Sat/Lane:	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720
Adjustment:	0.91	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	2.00	2.00	1.00	1.00	1.88	0.12	0.77	0.23	1.00	1.00	0.48	0.52
Final Sat.:	3127	3440	1720	1720	3239	201	1323	397	1720	1720	827	893
Capacity Analysis Module:												
Vol/Sat:	0.08	0.10	0.18	0.02	0.37	0.37	0.04	0.04	0.02	0.06	0.03	0.03
Crit Vol:			303		642			65		105		
Crit Moves:			****		****			****		****		

Level Of Service Computation Report
CCTALOS Method (Future Volume Alternative)

Intersection #27 Bishop Drive/Sunset

Cycle (sec):	100	Critical Vol./Cap.(X):	0.665
Loss Time (sec):	0 (Y+R=4.0 sec)	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	68	Level Of Service:	B

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Split Phase			Split Phase			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Lanes:	1 0 0 1 1			0 1 0 1 0			1 0 0 1 0			2 0 0 1 0		
Volume Module:												
Base Vol:	140	50	75	20	325	25	15	100	250	582	50	20
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	140	50	75	20	325	25	15	100	250	582	50	20
Added Vol:	4	0	140	0	0	0	0	5	4	161	5	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	144	50	215	20	325	25	15	105	254	743	55	20
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	144	50	215	20	325	25	15	105	254	743	55	20
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	144	50	215	20	325	25	15	105	254	743	55	20
RTOR Reduct:	0	0	215	0	0	0	0	0	0	0	0	0
RTOR Vol:	144	50	0	20	325	25	15	105	254	743	55	20
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Vol.:	144	50	0	20	325	25	15	105	254	743	55	20
Saturation Flow Module:												
Sat/Lane:	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650
Adjustment:	1.00	1.00	0.91	1.00	1.00	1.00	1.00	1.00	1.00	0.91	1.00	1.00
Lanes:	1.00	1.00	1.00	0.11	1.76	0.13	1.00	0.29	0.71	2.00	0.73	0.27
Final Sat.:	1650	1650	1500	178	2899	223	1650	483	1167	3000	1210	440
Capacity Analysis Module:												
Vol/Sat:	0.09	0.03	0.00	0.11	0.11	0.11	0.01	0.22	0.22	0.25	0.05	0.05
Crit Vol:	144					185			359	372		
Crit Moves:	****					****			****	****		

Level Of Service Computation Report
2000 HCM 4-Way Stop Method (Future Volume Alternative)

Intersection #28 Bollinger Canyon/Norris Canyon

Cycle (sec):	100	Critical Vol./Cap.(X):	0.445
Loss Time (sec):	0 (Y+R=4.0 sec)	Average Delay (sec/veh):	11.6
Optimal Cycle:	0	Level Of Service:	B

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Control:	Stop Sign			Stop Sign			Stop Sign			Stop Sign		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Lanes:	1 0	1 1	0	1 0	1 1	0	0 0	1! 0	0	0 0	1! 0	0
Volume Module:												
Base Vol:	72	197	59	69	213	20	6	84	146	36	79	44
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	72	197	59	69	213	20	6	84	146	36	79	44
Added Vol:	0	63	0	0	43	0	0	27	0	0	34	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	72	260	59	69	256	20	6	111	146	36	113	44
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	72	260	59	69	256	20	6	111	146	36	113	44
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	72	260	59	69	256	20	6	111	146	36	113	44
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Vol.:	72	260	59	69	256	20	6	111	146	36	113	44
Saturation Flow Module:												
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	1.00	1.63	0.37	1.00	1.86	0.14	0.02	0.42	0.56	0.19	0.58	0.23
Final Sat.:	505	902	210	499	1003	79	13	249	328	102	322	125
Capacity Analysis Module:												
Vol/Sat:	0.14	0.29	0.28	0.14	0.26	0.25	0.45	0.45	0.45	0.35	0.35	0.35
Crit Moves:		****			****		****				****	
Delay/Veh:	10.6	11.3	11.0	10.6	11.0	11.0	12.8	12.8	12.8	12.0	12.0	12.0
Delay Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	10.6	11.3	11.0	10.6	11.0	11.0	12.8	12.8	12.8	12.0	12.0	12.0
LOS by Move:	B	B	B	B	B	B	B	B	B	B	B	B
ApproachDel:		11.1			11.0			12.8			12.0	
Delay Adj:		1.00			1.00			1.00			1.00	
ApprAdjDel:		11.1			11.0			12.8			12.0	
LOS by Appr:		B			B			B			B	
AllWayAvgQ:	0.2	0.4	0.3	0.1	0.3	0.3	0.7	0.7	0.7	0.4	0.4	0.4

Note: Queue reported is the number of cars per lane.

Level Of Service Computation Report
CCTALOS Method (Future Volume Alternative)

Intersection #29 Bollinger/Canyon Lakes

Cycle (sec):	100	Critical Vol./Cap.(X):	0.631
Loss Time (sec):	0 (Y+R=4.0 sec)	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	50	Level Of Service:	B

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Permitted			Permitted			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Lanes:	1 0	0 1	0	0 1	0 0	1	1 0	1 1	0	1 0	2 0	1
Volume Module:												
Base Vol:	52	6	6	90	7	173	301	1402	107	24	638	89
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	52	6	6	90	7	173	301	1402	107	24	638	89
Added Vol:	0	0	0	0	0	20	31	316	0	0	222	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	52	6	6	90	7	193	332	1718	107	24	860	89
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	52	6	6	90	7	193	332	1718	107	24	860	89
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	52	6	6	90	7	193	332	1718	107	24	860	89
RTOR Reduct:	0	0	0	0	0	193	0	0	0	0	0	89
RTOR Vol:	52	6	6	90	7	0	332	1718	107	24	860	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Vol.:	52	6	6	90	7	0	332	1718	107	24	860	0
Saturation Flow Module:												
Sat/Lane:	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	1.00	0.50	0.50	0.93	0.07	1.00	1.00	1.88	0.12	1.00	2.00	1.00
Final Sat.:	1720	860	860	1596	124	1720	1720	3238	202	1720	3440	1720
Capacity Analysis Module:												
Vol/Sat:	0.03	0.01	0.01	0.06	0.06	0.00	0.19	0.53	0.53	0.01	0.25	0.00
Crit Vol:	52				97				913	24		
Crit Moves:	****				****				****	****		

Level Of Service Computation Report
CCTALOS Method (Future Volume Alternative)

Intersection #30 Camino Ramon/Center Street

Cycle (sec):	100	Critical Vol./Cap.(X):	0.233
Loss Time (sec):	0 (Y+R=4.0 sec)	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	30	Level Of Service:	A

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Protected			Protected			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Lanes:	0 0 1	1	0	0 0 1	1	0	0 0 0	1	0	0 0 0	1	0
Volume Module:												
Base Vol:	0	395	0	0	272	0	0	0	0	0	0	0
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	395	0	0	272	0	0	0	0	0	0	0
Added Vol:	0	260	4	0	236	4	0	0	0	0	0	0
Prj. I (Fle:	0	0	53	0	0	0	0	29	0	0	24	0
Initial Fut:	0	655	57	0	508	4	0	29	0	0	24	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	655	57	0	508	4	0	29	0	0	24	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	655	57	0	508	4	0	29	0	0	24	0
RTOR Reduct:	0	0	0	0	0	0	0	0	0	0	0	0
RTOR Vol:	0	655	57	0	508	4	0	29	0	0	24	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Vol.:	0	655	57	0	508	4	0	29	0	0	24	0
Saturation Flow Module:												
Sat/Lane:	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	0.00	1.84	0.16	0.00	1.98	0.02	0.00	1.00	0.00	0.00	1.00	0.00
Final Sat.:	0	3036	264	0	3274	26	0	1650	0	0	1650	0
Capacity Analysis Module:												
Vol/Sat:	0.00	0.22	0.22	0.00	0.16	0.16	0.00	0.02	0.00	0.00	0.01	0.00
Crit Vol:			356	0				29		0		
Crit Moves:			****	****				****		****		

TRAFFIX ANALYSIS

Existing + Project (Mitigation)

Level Of Service Computation Report
CCTALOS Method (Future Volume Alternative)

Intersection #9 San Ramon/Bollinger

Cycle (sec):	100	Critical Vol./Cap.(X):	0.682
Loss Time (sec):	0 (Y+R=4.0 sec)	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	72	Level Of Service:	B

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Protected			Protected			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Lanes:	2 0	2 0	1	2 0	1 1	0	1 0	1 1	0	2 0	2 0	1
Volume Module:												
Base Vol:	206	491	446	260	276	26	38	761	200	397	308	200
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	206	491	446	260	276	26	38	761	200	397	308	200
Added Vol:	0	0	20	21	0	0	0	42	0	9	16	6
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	206	491	466	281	276	26	38	803	200	406	324	206
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	206	491	466	281	276	26	38	803	200	406	324	206
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	206	491	466	281	276	26	38	803	200	406	324	206
RTOR Reduct:	0	0	223	0	0	0	0	0	0	0	0	155
RTOR Vol:	206	491	243	281	276	26	38	803	200	406	324	51
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Vol.:	206	491	243	281	276	26	38	803	200	406	324	51
Saturation Flow Module:												
Sat/Lane:	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650
Adjustment:	0.91	1.00	1.00	0.91	1.00	1.00	1.00	1.00	1.00	0.91	1.00	1.00
Lanes:	2.00	2.00	1.00	2.00	1.83	0.17	1.00	1.60	0.40	2.00	2.00	1.00
Final Sat.:	3000	3300	1650	3000	3016	284	1650	2642	658	3000	3300	1650
Capacity Analysis Module:												
Vol/Sat:	0.07	0.15	0.15	0.09	0.09	0.09	0.02	0.30	0.30	0.14	0.10	0.03
Crit Vol:		245		141					502	203		
Crit Moves:		****		****					****	****		

Level Of Service Computation Report
CCTALOS Method (Future Volume Alternative)

Intersection #9 San Ramon/Bollinger

Cycle (sec):	100	Critical Vol./Cap.(X):	0.743
Loss Time (sec):	0 (Y+R=4.0 sec)	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	89	Level Of Service:	C

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	- T	- R	L	- T	- R	L	- T	- R	L	- T	- R
Control:	Protected			Protected			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Lanes:	2 0	2 0	1	2 0	1 1	0	1 0	1 1	0	2 0	2 0	1
Volume Module:												
Base Vol:	89	431	483	294	430	40	15	313	147	1039	530	179
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	89	431	483	294	430	40	15	313	147	1039	530	179
Added Vol:	0	0	24	15	0	0	0	43	0	32	63	26
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	89	431	507	309	430	40	15	356	147	1071	593	205
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	89	431	507	309	430	40	15	356	147	1071	593	205
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	89	431	507	309	430	40	15	356	147	1071	593	205
RTOR Reduct:	0	0	507	0	0	0	0	0	0	0	0	170
RTOR Vol:	89	431	0	309	430	40	15	356	147	1071	593	35
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Vol.:	89	431	0	309	430	40	15	356	147	1071	593	35
Saturation Flow Module:												
Sat/Lane:	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650
Adjustment:	0.91	1.00	1.00	0.91	1.00	1.00	1.00	1.00	1.00	0.91	1.00	1.00
Lanes:	2.00	2.00	1.00	2.00	1.83	0.17	1.00	1.42	0.58	2.00	2.00	1.00
Final Sat.:	3000	3300	1650	3000	3019	281	1650	2336	964	3000	3300	1650
Capacity Analysis Module:												
Vol/Sat:	0.03	0.13	0.00	0.10	0.14	0.14	0.01	0.15	0.15	0.36	0.18	0.02
Crit Vol:		215		155				252		536		
Crit Moves:		****		****				****		****		

Level Of Service Computation Report
CCTALOS Method (Future Volume Alternative)

Intersection #12 Sunset/Bollinger

Cycle (sec):	100	Critical Vol./Cap.(X):	0.668
Loss Time (sec):	0 (Y+R=4.0 sec)	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	69	Level Of Service:	B

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Split Phase			Split Phase			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Lanes:	1 1	0 0	1	0 1	0 0	1	2 0	3 0	1	1 0	4 0	1
Volume Module:												
Base Vol:	52	9	34	83	39	204	1033	1495	567	215	1407	145
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	52	9	34	83	39	204	1033	1495	567	215	1407	145
Added Vol:	0	0	0	13	0	53	-69	557	0	0	148	-33
Prj. I (Fle:	0	0	0	7	0	4	15	-15	0	0	-4	2
Initial Fut:	52	9	34	103	39	261	979	2037	567	215	1551	114
User Adj:	1.00	1.00	1.00	1.00	1.00	0.45	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	52	9	34	103	39	117	979	2037	567	215	1551	114
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	52	9	34	103	39	117	979	2037	567	215	1551	114
RTOR Reduct:	0	0	34	0	0	117	0	0	29	0	0	103
RTOR Vol:	52	9	0	103	39	0	979	2037	538	215	1551	11
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Vol.:	52	9	0	103	39	0	979	2037	538	215	1551	11
Saturation Flow Module:												
Sat/Lane:	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650
Adjustment:	0.91	1.00	1.00	1.00	1.00	1.00	0.91	1.00	1.00	1.00	1.00	1.00
Lanes:	1.70	0.30	1.00	0.73	0.27	1.00	2.00	3.00	1.00	1.00	4.00	1.00
Final Sat.:	2557	487	1650	1197	453	1650	3000	4950	1650	1650	6600	1650
Capacity Analysis Module:												
Vol/Sat:	0.02	0.02	0.00	0.09	0.09	0.00	0.33	0.41	0.33	0.13	0.24	0.01
Crit Vol:	31				142		490				388	
Crit Moves:	****				****		****				****	

Level Of Service Computation Report
CCTALOS Method (Future Volume Alternative)

Intersection #12 Sunset/Bollinger

Cycle (sec):	100	Critical Vol./Cap.(X):	0.869
Loss Time (sec):	0 (Y+R=4.0 sec)	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	175	Level Of Service:	D

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Split Phase			Split Phase			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Lanes:	1 1	0 0	1	0 1	0 0	1	2 0	3 0	1	1 0	4 0	1
Volume Module:												
Base Vol:	494	35	99	142	13	1384	402	1883	43	28	1335	187
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	494	35	99	142	13	1384	402	1883	43	28	1335	187
Added Vol:	0	0	0	34	0	46	199	262	0	0	627	55
Prj. I (Fle:	0	0	0	29	0	48	59	-59	0	0	-48	24
Initial Fut:	494	35	99	205	13	1478	660	2086	43	28	1914	266
User Adj:	1.00	1.00	1.00	1.00	1.00	0.45	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	494	35	99	205	13	665	660	2086	43	28	1914	266
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	494	35	99	205	13	665	660	2086	43	28	1914	266
RTOR Reduct:	0	0	28	0	0	363	0	0	43	0	0	205
RTOR Vol:	494	35	71	205	13	302	660	2086	0	28	1914	61
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Vol.:	494	35	71	205	13	302	660	2086	0	28	1914	61
Saturation Flow Module:												
Sat/Lane:	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650
Adjustment:	0.91	1.00	1.00	1.00	1.00	1.00	0.91	1.00	1.00	1.00	1.00	1.00
Lanes:	1.87	0.13	1.00	0.94	0.06	1.00	2.00	3.00	1.00	1.00	4.00	1.00
Final Sat.:	2801	218	1650	1552	98	1650	3000	4950	1650	1650	6600	1650
Capacity Analysis Module:												
Vol/Sat:	0.18	0.16	0.04	0.13	0.13	0.18	0.22	0.42	0.00	0.02	0.29	0.04
Crit Vol:	264					302	330				478	
Crit Moves:	****					****	****				****	

Level Of Service Computation Report
CCTALOS Method (Future Volume Alternative)

Intersection #16 Alcosta/Bollinger

Cycle (sec):	100	Critical Vol./Cap.(X):	0.800
Loss Time (sec):	0 (Y+R=4.0 sec)	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	114	Level Of Service:	D

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Control:	Protected			Protected			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Lanes:	2 0	1 1	0	2 0	2 0	1	1 0	3 0	1	1 0	2 0	1
Volume Module:												
Base Vol:	542	463	184	146	263	221	190	396	90	281	1094	330
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	542	463	184	146	263	221	190	396	90	281	1094	330
Added Vol:	99	0	0	0	0	48	9	50	44	0	181	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	641	463	184	146	263	269	199	446	134	281	1275	330
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	641	463	184	146	263	269	199	446	134	281	1275	330
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	641	463	184	146	263	269	199	446	134	281	1275	330
RTOR Reduct:	0	0	0	0	0	199	0	0	134	0	0	80
RTOR Vol:	641	463	184	146	263	70	199	446	0	281	1275	250
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Vol.:	641	463	184	146	263	70	199	446	0	281	1275	250
Saturation Flow Module:												
Sat/Lane:	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650
Adjustment:	0.91	1.00	1.00	0.91	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	2.00	1.43	0.57	2.00	2.00	1.00	1.00	3.00	1.00	1.00	2.00	1.00
Final Sat.:	3000	2362	938	3000	3300	1650	1650	4950	1650	1650	3300	1650
Capacity Analysis Module:												
Vol/Sat:	0.21	0.20	0.20	0.05	0.08	0.04	0.12	0.09	0.00	0.17	0.39	0.15
Crit Vol:	321				132		199				638	
Crit Moves:	****				****		****				****	

Level Of Service Computation Report
CCTALOS Method (Future Volume Alternative)

Intersection #16 Alcosta/Bollinger

Cycle (sec):	100	Critical Vol./Cap.(X):	0.738
Loss Time (sec):	0 (Y+R=4.0 sec)	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	87	Level Of Service:	C

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Protected			Protected			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Lanes:	2 0	1 1	0	2 0	2 0	1	1 0	3 0	1	1 0	2 0	1
Volume Module:												
Base Vol:	154	411	127	239	404	165	260	1450	338	218	651	165
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	154	411	127	239	404	165	260	1450	338	218	651	165
Added Vol:	155	0	0	0	0	22	52	347	199	0	242	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	309	411	127	239	404	187	312	1797	537	218	893	165
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	309	411	127	239	404	187	312	1797	537	218	893	165
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	309	411	127	239	404	187	312	1797	537	218	893	165
RTOR Reduct:	0	0	0	0	0	187	0	0	170	0	0	131
RTOR Vol:	309	411	127	239	404	0	312	1797	367	218	893	34
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Vol.:	309	411	127	239	404	0	312	1797	367	218	893	34
Saturation Flow Module:												
Sat/Lane:	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650
Adjustment:	0.91	1.00	1.00	0.91	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	2.00	1.53	0.47	2.00	2.00	1.00	1.00	3.00	1.00	1.00	2.00	1.00
Final Sat.:	3000	2521	779	3000	3300	1650	1650	4950	1650	1650	3300	1650
Capacity Analysis Module:												
Vol/Sat:	0.10	0.16	0.16	0.08	0.12	0.00	0.19	0.36	0.22	0.13	0.27	0.02
Crit Vol:			269	120				599		218		
Crit Moves:			****	****				****		****		

TRAFFIX ANALYSIS

2020

Scenario Report

Scenario:	AM 2020
Command:	Default Command
Volume:	AM 2020
Geometry:	2020 GP
Impact Fee:	Default Impact Fee
Trip Generation:	No
Trip Distribution:	ONE
Paths:	Default Paths
Routes:	Default Routes
Configuration:	Default Configuration

Traffix 7.8.0115 (c) 2006 Dowling Assoc. Licensed to DMJM HARRIS, MIDVALE

Impact Analysis Report
Level Of Service

Intersection	Base LOS	Base Del/ Veh	Base V/ C	Future LOS	Future Del/ Veh	Future V/ C	Change in
# 1 San Ramon/Crow	B	xxxxx	0.613	B	xxxxx	0.613	+ 0.000 V/C
# 2 680 SB OFF/Crow	A	xxxxx	0.557	A	xxxxx	0.557	+ 0.000 V/C
# 3 680 NB ON/Crow	A	xxxxx	0.598	A	xxxxx	0.598	+ 0.000 V/C
# 4 Camino Ramon/Crow	A	xxxxx	0.586	A	xxxxx	0.586	+ 0.000 V/C
# 5 Alcosta/Crow	A	xxxxx	0.526	A	xxxxx	0.526	+ 0.000 V/C
# 6 Camino Ramon/Norris	A	xxxxx	0.558	A	xxxxx	0.558	+ 0.000 V/C
# 7 Camino Ramon/Executive	A	xxxxx	0.430	A	xxxxx	0.430	+ 0.000 V/C
# 8 Camino Ramon/Bishop Drive	A	xxxxx	0.427	A	xxxxx	0.427	+ 0.000 V/C
# 9 San Ramon/Bollinger	C	xxxxx	0.750	C	xxxxx	0.750	+ 0.000 V/C
# 10 680 SB OFF/Bollinger	A	xxxxx	0.564	A	xxxxx	0.564	+ 0.000 V/C
# 11 680 NB OFF/Bollinger	C	xxxxx	0.765	C	xxxxx	0.765	+ 0.000 V/C
# 12 Sunset/Bollinger	D	xxxxx	0.803	D	xxxxx	0.803	+ 0.000 V/C
# 13 Camino Ramon/Bollinger	B	xxxxx	0.621	B	xxxxx	0.621	+ 0.000 V/C
# 14 Bishop 2 Drive/Bollinger	A	xxxxx	0.358	A	xxxxx	0.358	+ 0.000 V/C
# 15 Market/Bollinger Drive	A	xxxxx	0.430	A	xxxxx	0.430	+ 0.000 V/C
# 16 Alcosta/Bollinger	B	xxxxx	0.665	B	xxxxx	0.665	+ 0.000 V/C
# 17 Alcosta/Norris	A	xxxxx	0.476	A	xxxxx	0.476	+ 0.000 V/C
# 18 San Ramon/Norris	A	xxxxx	0.600	A	xxxxx	0.600	+ 0.000 V/C
# 19 Bollinger/Crow	A	xxxxx	0.552	A	xxxxx	0.552	+ 0.000 V/C
# 20 Dougherty/Bollinger	B	xxxxx	0.613	B	xxxxx	0.613	+ 0.000 V/C
# 21 San Ramon/Montevideo	B	xxxxx	0.694	B	xxxxx	0.694	+ 0.000 V/C
# 22 Alcosts/Montevideo	A	xxxxx	0.327	A	xxxxx	0.327	+ 0.000 V/C
# 23 Dougherty/Crow	A	xxxxx	0.450	A	xxxxx	0.450	+ 0.000 V/C
# 24 Alcosta/Old Ranch	A	xxxxx	0.369	A	xxxxx	0.369	+ 0.000 V/C
# 25 Doughert/Old Ranch	A	xxxxx	0.584	A	xxxxx	0.584	+ 0.000 V/C

Traffix 7.8.0115 (c) 2006 Dowling Assoc. Licensed to DMJM HARRIS, MIDVALE

Intersection	Base LOS	Base Del/ Veh	Base V/ C	Future LOS	Future Del/ Veh	Future V/ C	Change in
# 26 Sunset/Center Street	A	xxxxx	0.284	A	xxxxx	0.284	+ 0.000 V/C
# 27 Bishop Drive/Sunset	A	xxxxx	0.389	A	xxxxx	0.389	+ 0.000 V/C
# 28 Bollinger Canyon/Norris Canyon	E	44.0	1.130	E	44.0	1.130	+ 0.000 V/C
# 29 Bollinger/Canyon Lakes	A	xxxxx	0.586	A	xxxxx	0.586	+ 0.000 V/C
# 30 Camino Ramon/Center Street		xxxxx	0.000		xxxxx	0.000	+ 0.000 V/C

Level Of Service Computation Report
CCTALOS Method (Future Volume Alternative)

Intersection #1 San Ramon/Crow

Cycle (sec):	100	Critical Vol./Cap.(X):	0.613
Loss Time (sec):	0 (Y+R=4.0 sec)	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	59	Level Of Service:	B

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Control:	Protected			Protected			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Lanes:	2 0	2 0	1	2 0	2 0	1	2 0	3 0	1	2 0	3 0	1
Volume Module:												
Base Vol:	91	238	450	390	225	131	171	1040	124	530	1350	490
Growth Adj:	1.23	1.23	1.00	1.00	1.23	1.23	1.21	1.00	1.21	1.00	1.00	1.00
Initial Bse:	111	292	450	390	276	160	206	1040	149	530	1350	490
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	111	292	450	390	276	160	206	1040	149	530	1350	490
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	111	292	450	390	276	160	206	1040	149	530	1350	490
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	111	292	450	390	276	160	206	1040	149	530	1350	490
RTOR Reduct:	0	0	292	0	0	113	0	0	61	0	0	215
RTOR Vol:	111	292	159	390	276	47	206	1040	88	530	1350	276
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Vol.:	111	292	159	390	276	47	206	1040	88	530	1350	276
Saturation Flow Module:												
Sat/Lane:	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650
Adjustment:	0.91	1.00	1.00	0.91	1.00	1.00	0.91	1.00	1.00	0.91	1.00	1.00
Lanes:	2.00	2.00	1.00	2.00	2.00	1.00	2.00	3.00	1.00	2.00	3.00	1.00
Final Sat.:	3000	3300	1650	3000	3300	1650	3000	4950	1650	3000	4950	1650
Capacity Analysis Module:												
Vol/Sat:	0.04	0.09	0.10	0.13	0.08	0.03	0.07	0.21	0.05	0.18	0.27	0.17
Crit Vol:			159	195				347		265		
Crit Moves:			****	****				****		****		

Level Of Service Computation Report
CCTALOS Method (Future Volume Alternative)

Intersection #2 680 SB OFF/Crow

Cycle (sec):	100	Critical Vol./Cap.(X):	0.557
Loss Time (sec):	0 (Y+R=4.0 sec)	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	42	Level Of Service:	A

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Split Phase			Split Phase			Permitted			Permitted		
Rights:	Include			Include			Ignore			Ignore		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Lanes:	0 0 0 0 0			3 0 0 0 2			0 0 3 0 1			0 0 3 0 1		
Volume Module:												
Base Vol:	0	0	0	1355	0	980	0	1125	755	0	1390	790
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	0	0	0	1355	0	980	0	1125	755	0	1390	790
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	0	0	1355	0	980	0	1125	755	0	1390	790
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	0	0	1355	0	980	0	1125	755	0	1390	790
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	0	0	1355	0	980	0	1125	755	0	1390	790
RTOR Reduct:	0	0	0	0	0	0	0	0	0	0	0	0
RTOR Vol:	0	0	0	1355	0	980	0	1125	755	0	1390	790
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Vol.:	0	0	0	1355	0	980	0	1125	755	0	1390	790
Saturation Flow Module:												
Sat/Lane:	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800
Adjustment:	1.00	1.00	1.00	0.87	1.00	0.91	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	0.00	0.00	0.00	3.00	0.00	2.00	0.00	3.00	1.00	0.00	3.00	1.00
Final Sat.:	0	0	0	4698	0	3272	0	5400	1800	0	5400	1800
Capacity Analysis Module:												
Vol/Sat:	0.00	0.00	0.00	0.29	0.00	0.30	0.00	0.21	0.42	0.00	0.26	0.44
Crit Vol:		0				490	0				463	
Crit Moves:						****	****				****	

Level Of Service Computation Report
CCTALOS Method (Future Volume Alternative)

Intersection #3 680 NB ON/Crow

Cycle (sec):	100	Critical Vol./Cap.(X):	0.598
Loss Time (sec):	0 (Y+R=4.0 sec)	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	46	Level Of Service:	A

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Split Phase			Split Phase			Permitted			Permitted		
Rights:	Include			Include			Ignore			Ignore		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Lanes:	2 0 0 0 2			0 0 0 0 0			0 0 3 0 1			0 0 4 0 1		
Volume Module:												
Base Vol:	534	0	874	0	0	0	0	1530	950	0	1646	551
Growth Adj:	1.00	1.18	1.18	1.18	1.18	1.18	1.21	1.00	1.00	1.21	1.00	1.21
Initial Bse:	534	0	1030	0	0	0	0	1530	950	0	1646	664
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	534	0	1030	0	0	0	0	1530	950	0	1646	664
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	534	0	1030	0	0	0	0	1530	950	0	1646	664
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	534	0	1030	0	0	0	0	1530	950	0	1646	664
RTOR Reduct:	0	0	0	0	0	0	0	0	0	0	0	0
RTOR Vol:	534	0	1030	0	0	0	0	1530	950	0	1646	664
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Vol.:	534	0	1030	0	0	0	0	1530	950	0	1646	664
Saturation Flow Module:												
Sat/Lane:	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800
Adjustment:	0.91	1.00	0.91	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	2.00	0.00	2.00	0.00	0.00	0.00	0.00	3.00	1.00	0.00	4.00	1.00
Final Sat.:	3272	0	3272	0	0	0	0	5400	1800	0	7200	1800
Capacity Analysis Module:												
Vol/Sat:	0.16	0.00	0.31	0.00	0.00	0.00	0.00	0.28	0.53	0.00	0.23	0.37
Crit Vol:			515		0			510		0		
Crit Moves:			****					****		****		

Level Of Service Computation Report
CCTALOS Method (Future Volume Alternative)

Intersection #4 Camino Ramon/Crow

Cycle (sec):	100	Critical Vol./Cap.(X):	0.586
Loss Time (sec):	0 (Y+R=4.0 sec)	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	55	Level Of Service:	A

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Control:	Protected			Protected			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Lanes:	2 0 1	0 1		2 0 1	1 0		2 0 4	0 1		2 0 3	1 0	
Volume Module:												
Base Vol:	109	61	57	126	126	68	184	1046	579	231	1560	204
Growth Adj:	1.21	1.21	1.21	1.21	1.21	1.21	1.21	1.21	1.21	1.21	1.21	1.21
Initial Bse:	131	74	69	152	152	82	222	1260	698	278	1880	246
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	131	74	69	152	152	82	222	1260	698	278	1880	246
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	131	74	69	152	152	82	222	1260	698	278	1880	246
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	131	74	69	152	152	82	222	1260	698	278	1880	246
RTOR Reduct:	0	0	69	0	0	0	0	0	72	0	0	0
RTOR Vol:	131	74	0	152	152	82	222	1260	625	278	1880	246
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Vol.:	131	74	0	152	152	82	222	1260	625	278	1880	246
Saturation Flow Module:												
Sat/Lane:	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650
Adjustment:	0.91	1.00	1.00	0.91	1.00	1.00	0.91	1.00	1.00	0.91	1.00	1.00
Lanes:	2.00	1.00	1.00	2.00	1.30	0.70	2.00	4.00	1.00	2.00	3.54	0.46
Final Sat.:	3000	1650	1650	3000	2143	1157	3000	6600	1650	3000	5837	763
Capacity Analysis Module:												
Vol/Sat:	0.04	0.04	0.00	0.05	0.07	0.07	0.07	0.19	0.38	0.09	0.32	0.32
Crit Vol:	66					117			625	139		
Crit Moves:	****					****			****	****		

Level Of Service Computation Report
CCTALOS Method (Future Volume Alternative)

Intersection #5 Alcosta/Crow

Cycle (sec):	100	Critical Vol./Cap.(X):	0.526
Loss Time (sec):	0 (Y+R=4.0 sec)	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	48	Level Of Service:	A

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Protected			Protected			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Lanes:	2 0 0 0 2			0 0 0 0 0			0 0 3 0 1			2 0 3 0 0		
Volume Module:												
Base Vol:	275	0	225	0	0	0	0	608	464	521	1653	0
Growth Adj:	1.24	1.24	1.24	1.24	1.24	1.24	1.21	1.21	1.21	1.21	1.21	1.21
Initial Bse:	341	0	279	0	0	0	0	733	559	628	1992	0
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	341	0	279	0	0	0	0	733	559	628	1992	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	341	0	279	0	0	0	0	733	559	628	1992	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	341	0	279	0	0	0	0	733	559	628	1992	0
RTOR Reduct:	0	0	279	0	0	0	0	0	187	0	0	0
RTOR Vol:	341	0	0	0	0	0	0	733	372	628	1992	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Vol.:	341	0	0	0	0	0	0	733	372	628	1992	0
Saturation Flow Module:												
Sat/Lane:	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720
Adjustment:	0.91	1.00	0.91	1.00	1.00	1.00	1.00	1.00	1.00	0.91	1.00	1.00
Lanes:	2.00	0.00	2.00	0.00	0.00	0.00	0.00	3.00	1.00	2.00	3.00	0.00
Final Sat.:	3127	0	3127	0	0	0	0	5160	1720	3127	5160	0
Capacity Analysis Module:												
Vol/Sat:	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.14	0.22	0.20	0.39	0.00
Crit Vol:	170				0				372	314		
Crit Moves:	****								****	****		

Level Of Service Computation Report
CCTALOS Method (Future Volume Alternative)

Intersection #6 Camino Ramon/Norris

Cycle (sec): 100 Critical Vol./Cap.(X): 0.558
Loss Time (sec): 0 (Y+R=4.0 sec) Average Delay (sec/veh): xxxxxx
Optimal Cycle: 52 Level Of Service: A

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Control:	Protected			Protected			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Lanes:	1 0 2 0 1			1 0 1 1 0			1 0 1 1 0			1 0 1 1 0		
Volume Module:												
Base Vol:	78	159	59	131	569	108	76	336	120	117	261	90
Growth Adj:	1.21	1.21	1.21	1.21	1.21	1.21	1.21	1.21	1.21	1.21	1.21	1.21
Initial Bse:	94	193	71	159	689	131	92	405	145	141	315	108
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	94	193	71	159	689	131	92	405	145	141	315	108
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	94	193	71	159	689	131	92	405	145	141	315	108
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	94	193	71	159	689	131	92	405	145	141	315	108
RTOR Reduct:	0	0	71	0	0	0	0	0	0	0	0	0
RTOR Vol:	94	193	0	159	689	131	92	405	145	141	315	108
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Vol.:	94	193	0	159	689	131	92	405	145	141	315	108
Saturation Flow Module:												
Sat/Lane:	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	1.00	2.00	1.00	1.00	1.68	0.32	1.00	1.47	0.53	1.00	1.49	0.51
Final Sat.:	1650	3300	1650	1650	2774	526	1650	2432	868	1650	2454	846
Capacity Analysis Module:												
Vol/Sat:	0.06	0.06	0.00	0.10	0.25	0.25	0.06	0.17	0.17	0.09	0.13	0.13
Crit Vol:	94				410				275	141		
Crit Moves:	****				****				****	****		

Level Of Service Computation Report
CCTALOS Method (Future Volume Alternative)

****

Intersection #7 Camino Ramon/Executive

****

Cycle (sec):	100	Critical Vol./Cap.(X):	0.430
Loss Time (sec):	0 (Y+R=4.0 sec)	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	33	Level Of Service:	A

****

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Control:	Protected			Protected			Permitted			Permitted		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Lanes:	1 0	1 1	0	1 0	1 1	0	0 1	0 0	1	0 1	0 0	1
Volume Module:												
Base Vol:	178	307	71	63	417	202	44	39	23	43	26	45
Growth Adj:	1.21	1.21	1.21	1.21	1.21	1.21	1.19	1.19	1.19	1.19	1.19	1.19
Initial Bse:	216	372	86	76	505	245	52	46	27	51	31	54
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	216	372	86	76	505	245	52	46	27	51	31	54
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	216	372	86	76	505	245	52	46	27	51	31	54
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	216	372	86	76	505	245	52	46	27	51	31	54
RTOR Reduct:	0	0	0	0	0	0	0	0	27	0	0	54
RTOR Vol:	216	372	86	76	505	245	52	46	0	51	31	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Vol.:	216	372	86	76	505	245	52	46	0	51	31	0
Saturation Flow Module:												
Sat/Lane:	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	1.00	1.62	0.38	1.00	1.35	0.65	0.53	0.47	1.00	0.62	0.38	1.00
Final Sat.:	1720	2794	646	1720	2317	1123	912	808	1720	1072	648	1720
Capacity Analysis Module:												
Vol/Sat:	0.13	0.13	0.13	0.04	0.22	0.22	0.06	0.06	0.00	0.05	0.05	0.00
Crit Vol:	216					375		99		51		
Crit Moves:	****					****		****		****		

****

Level Of Service Computation Report
CCTALOS Method (Future Volume Alternative)

Intersection #8 Camino Ramon/Bishop Drive

Cycle (sec):	100	Critical Vol./Cap.(X):	0.427
Loss Time (sec):	0 (Y+R=4.0 sec)	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	40	Level Of Service:	A

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Protected			Protected			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Lanes:	1 0 1 1 0			1 0 1 1 0			1 0 0 1 0			1 0 0 1 0		
Volume Module:												
Base Vol:	75	829	161	22	216	82	62	16	28	26	4	7
Growth Adj:	1.21	1.21	1.21	1.21	1.21	1.21	1.07	1.07	1.07	1.07	1.07	1.07
Initial Bse:	91	1004	195	27	262	99	67	17	30	28	4	8
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	91	1004	195	27	262	99	67	17	30	28	4	8
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	91	1004	195	27	262	99	67	17	30	28	4	8
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	91	1004	195	27	262	99	67	17	30	28	4	8
RTOR Reduct:	0	0	0	0	0	0	0	0	0	0	0	0
RTOR Vol:	91	1004	195	27	262	99	67	17	30	28	4	8
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Vol.:	91	1004	195	27	262	99	67	17	30	28	4	8
Saturation Flow Module:												
Sat/Lane:	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	1.00	1.67	0.33	1.00	1.45	0.55	1.00	0.36	0.64	1.00	0.36	0.64
Final Sat.:	1650	2763	537	1650	2392	908	1650	600	1050	1650	600	1050
Capacity Analysis Module:												
Vol/Sat:	0.06	0.36	0.36	0.02	0.11	0.11	0.04	0.03	0.03	0.02	0.01	0.01
Crit Vol:		599		27			67				12	
Crit Moves:		****		****			****				****	

Level Of Service Computation Report
CCTALOS Method (Future Volume Alternative)

Intersection #9 San Ramon/Bollinger

Cycle (sec):	100	Critical Vol./Cap.(X):	0.750
Loss Time (sec):	0 (Y+R=4.0 sec)	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	91	Level Of Service:	C

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Protected			Protected			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Lanes:	2 0	2 0	1	2 0	1 1	0	1 0	1 1	0	2 0	2 0	1
Volume Module:												
Base Vol:	206	491	475	280	276	26	38	800	200	470	360	230
Growth Adj:	1.23	1.23	1.00	1.00	1.23	1.23	1.24	1.00	1.24	1.00	1.00	1.00
Initial Bse:	252	601	475	280	338	32	47	800	247	470	360	230
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	252	601	475	280	338	32	47	800	247	470	360	230
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	252	601	475	280	338	32	47	800	247	470	360	230
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	252	601	475	280	338	32	47	800	247	470	360	230
RTOR Reduct:	0	0	259	0	0	0	0	0	0	0	0	154
RTOR Vol:	252	601	217	280	338	32	47	800	247	470	360	76
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Vol.:	252	601	217	280	338	32	47	800	247	470	360	76
Saturation Flow Module:												
Sat/Lane:	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650
Adjustment:	0.91	1.00	1.00	0.91	1.00	1.00	1.00	1.00	1.00	0.91	1.00	1.00
Lanes:	2.00	2.00	1.00	2.00	1.83	0.17	1.00	1.53	0.47	2.00	2.00	1.00
Final Sat.:	3000	3300	1650	3000	3016	284	1650	2521	779	3000	3300	1650
Capacity Analysis Module:												
Vol/Sat:	0.08	0.18	0.13	0.09	0.11	0.11	0.03	0.32	0.32	0.16	0.11	0.05
Crit Vol:		301		140				524		235		
Crit Moves:		****		****				****		****		

Level Of Service Computation Report
CCTALOS Method (Future Volume Alternative)

Intersection #10 680 SB OFF/Bollinger

Cycle (sec):	100	Critical Vol./Cap.(X):	0.564
Loss Time (sec):	0 (Y+R=4.0 sec)	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	43	Level Of Service:	A

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Control:	Split Phase			Split Phase			Permitted			Permitted		
Rights:	Include			Include			Include			Ignore		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Lanes:	0 0	1! 0	0	1 1	0 0	2	0 0	3 1	0	0 0	3 0	1
Volume Module:												
Base Vol:	3	0	101	855	12	289	0	1545	10	0	768	950
Growth Adj:	1.00	1.00	1.00	1.00	1.17	1.00	1.24	1.00	1.00	1.24	1.00	1.00
Initial Bse:	3	0	101	855	14	289	0	1545	10	0	768	950
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	3	0	101	855	14	289	0	1545	10	0	768	950
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	3	0	101	855	14	289	0	1545	10	0	768	950
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	3	0	101	855	14	289	0	1545	10	0	768	950
RTOR Reduct:	0	0	0	0	0	0	0	0	0	0	0	0
RTOR Vol:	3	0	101	855	14	289	0	1545	10	0	768	950
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Vol.:	3	0	101	855	14	289	0	1545	10	0	768	950
Saturation Flow Module:												
Sat/Lane:	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720
Adjustment:	1.00	1.00	1.00	0.91	1.00	0.91	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	0.03	0.00	0.97	1.97	0.03	2.00	0.00	3.97	0.03	0.00	3.00	1.00
Final Sat.:	50	0	1670	3077	55	3127	0	6836	44	0	5160	1720
Capacity Analysis Module:												
Vol/Sat:	0.06	0.00	0.06	0.28	0.25	0.09	0.00	0.23	0.23	0.00	0.15	0.55
Crit Vol:			104	435					389	0		
Crit Moves:			****	****					****	****		

Level Of Service Computation Report
CCTALOS Method (Future Volume Alternative)

****

Intersection #11 680 NB OFF/Bollinger

****

Cycle (sec):	100	Critical Vol./Cap.(X):	0.765
Loss Time (sec):	0 (Y+R=4.0 sec)	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	79	Level Of Service:	C

****

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Split Phase			Split Phase			Permitted			Permitted		
Rights:	Include			Include			Ignore			Ignore		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Lanes:	1 0	0 0	3	0 0	0 0	0	0 0	3 0	1	0 0	3 1	1
Volume Module:												
Base Vol:	327	0	1921	0	0	0	0	1924	577	0	1391	600
Growth Adj:	1.00	1.17	1.00	1.17	1.17	1.17	1.24	1.00	1.00	1.24	1.00	1.00
Initial Bse:	327	0	1921	0	0	0	0	1924	577	0	1391	600
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	327	0	1921	0	0	0	0	1924	577	0	1391	600
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	327	0	1921	0	0	0	0	1924	577	0	1391	600
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	327	0	1921	0	0	0	0	1924	577	0	1391	600
RTOR Reduct:	0	0	0	0	0	0	0	0	0	0	0	0
RTOR Vol:	327	0	1921	0	0	0	0	1924	577	0	1391	600
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Vol.:	327	0	1921	0	0	0	0	1924	577	0	1391	600
Saturation Flow Module:												
Sat/Lane:	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800
Adjustment:	1.00	1.00	0.87	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.91
Lanes:	1.00	0.00	3.00	0.00	0.00	0.00	0.00	3.00	1.00	0.00	3.49	1.51
Final Sat.:	1800	0	4698	0	0	0	0	5400	1800	0	6288	2465
Capacity Analysis Module:												
Vol/Sat:	0.18	0.00	0.41	0.00	0.00	0.00	0.00	0.36	0.32	0.00	0.22	0.24
Crit Vol:			640		0			641		0		
Crit Moves:			****					****		****		

****

Level Of Service Computation Report
CCTALOS Method (Future Volume Alternative)

Intersection #12 Sunset/Bollinger

Cycle (sec):	100	Critical Vol./Cap.(X):	0.803
Loss Time (sec):	0 (Y+R=4.0 sec)	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	116	Level Of Service:	D

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Control:	Split Phase			Split Phase			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Lanes:	2 0	0 1	0	0 1	0 0	2	2 0	4 0	1	2 0	4 0	1
Volume Module:												
Base Vol:	56	9	36	89	39	152	1277	1848	720	215	1783	70
Growth Adj:	1.00	1.07	1.00	1.00	1.07	1.00	1.00	1.00	1.00	1.24	1.00	1.24
Initial Bse:	56	10	36	89	42	152	1277	1848	720	266	1783	87
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	56	10	36	89	42	152	1277	1848	720	266	1783	87
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	56	10	36	89	42	152	1277	1848	720	266	1783	87
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	56	10	36	89	42	152	1277	1848	720	266	1783	87
RTOR Reduct:	0	0	0	0	0	152	0	0	31	0	0	87
RTOR Vol:	56	10	36	89	42	0	1277	1848	689	266	1783	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Vol.:	56	10	36	89	42	0	1277	1848	689	266	1783	0
Saturation Flow Module:												
Sat/Lane:	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650
Adjustment:	0.91	1.00	1.00	1.00	1.00	0.91	0.91	1.00	1.00	0.91	1.00	1.00
Lanes:	2.00	0.21	0.79	0.68	0.32	2.00	2.00	4.00	1.00	2.00	4.00	1.00
Final Sat.:	3000	349	1301	1122	528	3000	3000	6600	1650	3000	6600	1650
Capacity Analysis Module:												
Vol/Sat:	0.02	0.03	0.03	0.08	0.08	0.00	0.43	0.28	0.42	0.09	0.27	0.00
Crit Vol:			46		131		639				446	
Crit Moves:			****		****		****				****	

Level Of Service Computation Report
CCTALOS Method (Future Volume Alternative)

Intersection #13 Camino Ramon/Bollinger

Cycle (sec):	100	Critical Vol./Cap.(X):	0.621
Loss Time (sec):	0 (Y+R=4.0 sec)	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	60	Level Of Service:	B

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Control:	Protected			Protected			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Lanes:	1 0	1 0	1	2 0	0 1	1	2 0	4 0	1	2 0	4 0	1
Volume Module:												
Base Vol:	13	19	0	76	41	111	672	747	242	24	2012	373
Growth Adj:	1.00	1.07	1.07	1.07	1.07	1.00	1.24	1.24	1.24	1.24	1.00	1.24
Initial Bse:	13	20	0	82	44	111	831	923	299	30	2012	461
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	13	20	0	82	44	111	831	923	299	30	2012	461
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	13	20	0	82	44	111	831	923	299	30	2012	461
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	13	20	0	82	44	111	831	923	299	30	2012	461
RTOR Reduct:	0	0	0	0	0	111	0	0	13	0	0	45
RTOR Vol:	13	20	0	82	44	0	831	923	286	30	2012	416
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Vol.:	13	20	0	82	44	0	831	923	286	30	2012	416
Saturation Flow Module:												
Sat/Lane:	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650
Adjustment:	1.00	1.00	1.00	0.91	1.00	0.91	0.91	1.00	1.00	0.91	1.00	1.00
Lanes:	1.00	1.00	1.00	2.00	1.00	1.00	2.00	4.00	1.00	2.00	4.00	1.00
Final Sat.:	1650	1650	1650	3000	1650	1500	3000	6600	1650	3000	6600	1650
Capacity Analysis Module:												
Vol/Sat:	0.01	0.01	0.00	0.03	0.03	0.00	0.28	0.14	0.17	0.01	0.30	0.25
Crit Vol:		20		41			415				503	
Crit Moves:		****		****			****				****	

Level Of Service Computation Report
CCTALOS Method (Future Volume Alternative)

Intersection #14 Bishop 2 Drive/Bollinger

Cycle (sec):	100	Critical Vol./Cap.(X):	0.358
Loss Time (sec):	0 (Y+R=4.0 sec)	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	36	Level Of Service:	A

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Control:	Split Phase			Split Phase			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Lanes:	0 1	0 0	1	1 0	0 1	0	2 0	3 1	0	2 0	3 1	0
Volume Module:												
Base Vol:	10	0	8	0	0	0	0	792	32	37	1959	0
Growth Adj:	1.07	1.07	1.07	1.00	1.00	1.00	1.24	1.24	1.24	1.24	1.24	1.24
Initial Bse:	11	0	9	0	0	0	0	979	40	46	2421	0
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	11	0	9	0	0	0	0	979	40	46	2421	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	11	0	9	0	0	0	0	979	40	46	2421	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	11	0	9	0	0	0	0	979	40	46	2421	0
RTOR Reduct:	0	0	9	0	0	0	0	0	0	0	0	0
RTOR Vol:	11	0	0	0	0	0	0	979	40	46	2421	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Vol.:	11	0	0	0	0	0	0	979	40	46	2421	0
Saturation Flow Module:												
Sat/Lane:	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	0.91	1.00	1.00	0.91	1.00	1.00
Lanes:	1.00	0.00	1.00	1.00	1.00	0.00	2.00	3.84	0.16	2.00	4.00	0.00
Final Sat.:	1720	0	1720	1720	1720	0	3127	6613	267	3127	6880	0
Capacity Analysis Module:												
Vol/Sat:	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.15	0.15	0.01	0.35	0.00
Crit Vol:	11				0		0				605	
Crit Moves:	****						****				****	

Level Of Service Computation Report
CCTALOS Method (Future Volume Alternative)

Intersection #15 Market/Bollinger Drive

Cycle (sec):	100	Critical Vol./Cap.(X):	0.430
Loss Time (sec):	0 (Y+R=4.0 sec)	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	40	Level Of Service:	A

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Control:	Split Phase			Split Phase			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Lanes:	1 1	0 0	1	1 0	0 1	0	2 0	4 0	1	2 0	3 1	0
Volume Module:												
Base Vol:	243	1	33	2	1	9	11	638	149	41	1765	6
Growth Adj:	1.07	1.07	1.07	1.07	1.07	1.07	1.24	1.24	1.24	1.24	1.24	1.24
Initial Bse:	261	1	35	2	1	10	14	789	184	51	2182	7
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	261	1	35	2	1	10	14	789	184	51	2182	7
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	261	1	35	2	1	10	14	789	184	51	2182	7
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	261	1	35	2	1	10	14	789	184	51	2182	7
RTOR Reduct:	0	0	28	0	0	0	0	0	143	0	0	0
RTOR Vol:	261	1	8	2	1	10	14	789	41	51	2182	7
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Vol.:	261	1	8	2	1	10	14	789	41	51	2182	7
Saturation Flow Module:												
Sat/Lane:	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650
Adjustment:	0.91	1.00	1.00	1.00	1.00	1.00	0.91	1.00	1.00	0.91	1.00	1.00
Lanes:	1.99	0.01	1.00	1.00	0.10	0.90	2.00	4.00	1.00	2.00	3.99	0.01
Final Sat.:	2987	14	1650	1650	165	1485	3000	6600	1650	3000	6578	22
Capacity Analysis Module:												
Vol/Sat:	0.09	0.08	0.00	0.00	0.01	0.01	0.00	0.12	0.02	0.02	0.33	0.33
Crit Vol:	131				11		7				547	
Crit Moves:	****				****		****				****	

Level Of Service Computation Report
CCTALOS Method (Future Volume Alternative)

Intersection #16 Alcosta/Bollinger

Cycle (sec):	100	Critical Vol./Cap.(X):	0.665
Loss Time (sec):	0 (Y+R=4.0 sec)	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	68	Level Of Service:	B

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Control:	Protected			Protected			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Lanes:	2 0	1 1	0	2 0	2 0	1	2 0	3 0	1	2 0	3 0	1
Volume Module:												
Base Vol:	542	463	184	146	263	221	190	396	90	281	1094	330
Growth Adj:	1.21	1.21	1.21	1.21	1.21	1.21	1.24	1.24	1.24	1.24	1.24	1.24
Initial Bse:	653	558	222	176	317	266	235	489	111	347	1352	408
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	653	558	222	176	317	266	235	489	111	347	1352	408
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	653	558	222	176	317	266	235	489	111	347	1352	408
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	653	558	222	176	317	266	235	489	111	347	1352	408
RTOR Reduct:	0	0	0	0	0	129	0	0	111	0	0	97
RTOR Vol:	653	558	222	176	317	137	235	489	0	347	1352	311
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Vol.:	653	558	222	176	317	137	235	489	0	347	1352	311
Saturation Flow Module:												
Sat/Lane:	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650
Adjustment:	0.91	1.00	1.00	0.91	1.00	1.00	0.91	1.00	1.00	0.91	1.00	1.00
Lanes:	2.00	1.43	0.57	2.00	2.00	1.00	2.00	3.00	1.00	2.00	3.00	1.00
Final Sat.:	3000	2362	938	3000	3300	1650	3000	4950	1650	3000	4950	1650
Capacity Analysis Module:												
Vol/Sat:	0.22	0.24	0.24	0.06	0.10	0.08	0.08	0.10	0.00	0.12	0.27	0.19
Crit Vol:	327				158		117				451	
Crit Moves:	****				****		****				****	

Level Of Service Computation Report
CCTALOS Method (Future Volume Alternative)

Intersection #17 Alcosta/Norris

Cycle (sec): 100 Critical Vol./Cap.(X): 0.476
Loss Time (sec): 0 (Y+R=4.0 sec) Average Delay (sec/veh): xxxxxx
Optimal Cycle: 44 Level Of Service: A

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Control:	Protected			Protected			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Lanes:	1 0	1 1	0	1 0	2 0	1	2 0	1 0	1	1 0	1 0	1
Volume Module:												
Base Vol:	285	379	66	235	461	216	143	71	206	42	58	84
Growth Adj:	1.21	1.21	1.21	1.21	1.21	1.21	1.21	1.21	1.21	1.21	1.21	1.21
Initial Bse:	343	457	80	283	556	260	172	86	248	51	70	101
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	343	457	80	283	556	260	172	86	248	51	70	101
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	343	457	80	283	556	260	172	86	248	51	70	101
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	343	457	80	283	556	260	172	86	248	51	70	101
RTOR Reduct:	0	0	0	0	0	95	0	0	248	0	0	101
RTOR Vol:	343	457	80	283	556	166	172	86	0	51	70	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Vol.:	343	457	80	283	556	166	172	86	0	51	70	0
Saturation Flow Module:												
Sat/Lane:	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	0.91	1.00	1.00	1.00	1.00	1.00
Lanes:	1.00	1.70	0.30	1.00	2.00	1.00	2.00	1.00	1.00	1.00	1.00	1.00
Final Sat.:	1650	2811	489	1650	3300	1650	3000	1650	1650	1650	1650	1650
Capacity Analysis Module:												
Vol/Sat:	0.21	0.16	0.16	0.17	0.17	0.10	0.06	0.05	0.00	0.03	0.04	0.00
Crit Vol:	343				278		86				70	
Crit Moves:	****				****		****				****	

Level Of Service Computation Report
CCTALOS Method (Future Volume Alternative)

Intersection #18 San Ramon/Norris

Cycle (sec): 100 Critical Vol./Cap.(X): 0.600
Loss Time (sec): 0 (Y+R=4.0 sec) Average Delay (sec/veh): xxxxxx
Optimal Cycle: 57 Level Of Service: A

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Protected			Protected			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Lanes:	1 0 2 0 1			2 0 1 1 0			1 0 1 1 0			1 0 1 0 1		
Volume Module:												
Base Vol:	74	325	326	406	144	27	78	493	51	85	148	237
Growth Adj:	1.21	1.21	1.21	1.21	1.21	1.21	1.21	1.21	1.21	1.21	1.21	1.21
Initial Bse:	89	392	393	489	174	33	94	594	61	102	178	286
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	89	392	393	489	174	33	94	594	61	102	178	286
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	89	392	393	489	174	33	94	594	61	102	178	286
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	89	392	393	489	174	33	94	594	61	102	178	286
RTOR Reduct:	0	0	102	0	0	0	0	0	0	0	0	269
RTOR Vol:	89	392	290	489	174	33	94	594	61	102	178	17
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Vol.:	89	392	290	489	174	33	94	594	61	102	178	17
Saturation Flow Module:												
Sat/Lane:	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650
Adjustment:	1.00	1.00	1.00	0.91	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	1.00	2.00	1.00	2.00	1.68	0.32	1.00	1.81	0.19	1.00	1.00	1.00
Final Sat.:	1650	3300	1650	3000	2779	521	1650	2991	309	1650	1650	1650
Capacity Analysis Module:												
Vol/Sat:	0.05	0.12	0.18	0.16	0.06	0.06	0.06	0.20	0.20	0.06	0.11	0.01
Crit Vol:			290	245				328		102		
Crit Moves:			****	****				****		****		

Level Of Service Computation Report
CCTALOS Method (Future Volume Alternative)

Intersection #19 Bollinger/Crow

Cycle (sec):	100	Critical Vol./Cap.(X):	0.552
Loss Time (sec):	0 (Y+R=4.0 sec)	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	42	Level Of Service:	A

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Control:	Permitted			Permitted			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Lanes:	1 0 1 0 1			0 0 1! 0 0			1 0 2 0 1			1 0 2 0 1		
Volume Module:												
Base Vol:	116	41	133	18	67	18	34	951	70	88	758	21
Growth Adj:	1.24	1.24	1.24	1.24	1.24	1.24	1.21	1.21	1.21	1.21	1.21	1.21
Initial Bse:	143	51	164	22	83	22	41	1146	84	106	913	25
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	143	51	164	22	83	22	41	1146	84	106	913	25
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	143	51	164	22	83	22	41	1146	84	106	913	25
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	143	51	164	22	83	22	41	1146	84	106	913	25
RTOR Reduct:	0	0	106	0	0	0	0	0	84	0	0	22
RTOR Vol:	143	51	58	22	83	22	41	1146	0	106	913	3
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Vol.:	143	51	58	22	83	22	41	1146	0	106	913	3
Saturation Flow Module:												
Sat/Lane:	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	1.00	1.00	1.00	0.17	0.66	0.17	1.00	2.00	1.00	1.00	2.00	1.00
Final Sat.:	1720	1720	1720	301	1119	301	1720	3440	1720	1720	3440	1720
Capacity Analysis Module:												
Vol/Sat:	0.08	0.03	0.03	0.07	0.07	0.07	0.02	0.33	0.00	0.06	0.27	0.00
Crit Vol:	143					127		573		106		
Crit Moves:	****					****		****		****		

Level Of Service Computation Report
CCTALOS Method (Future Volume Alternative)

Intersection #20 Dougherty/Bollinger

Cycle (sec): 100 Critical Vol./Cap.(X): 0.613
Loss Time (sec): 0 (Y+R=4.0 sec) Average Delay (sec/veh): xxxxxx
Optimal Cycle: 59 Level Of Service: B

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Control:	Protected			Protected			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Lanes:	2 0 3 0 1			2 0 3 0 1			2 0 3 0 1			2 0 3 0 1		
Volume Module:												
Base Vol:	182	590	66	499	905	613	206	354	84	102	894	409
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	182	590	66	499	905	613	206	354	84	102	894	409
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	182	590	66	499	905	613	206	354	84	102	894	409
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	182	590	66	499	905	613	206	354	84	102	894	409
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	182	590	66	499	905	613	206	354	84	102	894	409
RTOR Reduct:	0	0	56	0	0	113	0	0	84	0	0	274
RTOR Vol:	182	590	10	499	905	500	206	354	0	102	894	135
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Vol.:	182	590	10	499	905	500	206	354	0	102	894	135
Saturation Flow Module:												
Sat/Lane:	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650
Adjustment:	0.91	1.00	1.00	0.91	1.00	1.00	0.91	1.00	1.00	0.91	1.00	1.00
Lanes:	2.00	3.00	1.00	2.00	3.00	1.00	2.00	3.00	1.00	2.00	3.00	1.00
Final Sat.:	3000	4950	1650	3000	4950	1650	3000	4950	1650	3000	4950	1650
Capacity Analysis Module:												
Vol/Sat:	0.06	0.12	0.01	0.17	0.18	0.30	0.07	0.07	0.00	0.03	0.18	0.08
Crit Vol:	91					500	103				298	
Crit Moves:	****					****	****				****	

Level Of Service Computation Report
CCTALOS Method (Future Volume Alternative)

Intersection #21 San Ramon/Montevideo

Cycle (sec):	100	Critical Vol./Cap.(X):	0.694
Loss Time (sec):	0 (Y+R=4.0 sec)	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	74	Level Of Service:	B

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Control:	Protected			Protected			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Lanes:	0 0	1 1	0	1 0	2 0	0	0 0	0 0	0	1 0	0 0	1
Volume Module: 7:45 To 8:45												
Base Vol:	0	590	117	433	441	0	0	0	0	195	0	528
Growth Adj:	1.23	1.23	1.23	1.23	1.23	1.23	1.00	1.00	1.00	1.18	1.18	1.18
Initial Bse:	0	723	143	530	540	0	0	0	0	230	0	623
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	723	143	530	540	0	0	0	0	230	0	623
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	723	143	530	540	0	0	0	0	230	0	623
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	723	143	530	540	0	0	0	0	230	0	623
RTOR Reduct:	0	0	0	0	0	0	0	0	0	0	0	530
RTOR Vol:	0	723	143	530	540	0	0	0	0	230	0	93
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Vol.:	0	723	143	530	540	0	0	0	0	230	0	93
Saturation Flow Module:												
Sat/Lane:	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	0.00	1.67	0.33	1.00	2.00	0.00	0.00	0.00	0.00	1.00	0.00	1.00
Final Sat.:	0	2871	569	1720	3440	0	0	0	0	1720	0	1720
Capacity Analysis Module:												
Vol/Sat:	0.00	0.25	0.25	0.31	0.16	0.00	0.00	0.00	0.00	0.13	0.00	0.05
Crit Vol:			433	530				0		230		
Crit Moves:			****	****						****		

Level Of Service Computation Report
CCTALOS Method (Future Volume Alternative)

Intersection #22 Alcosts/Montevideo

Cycle (sec): 100 Critical Vol./Cap.(X): 0.327
Loss Time (sec): 0 (Y+R=4.0 sec) Average Delay (sec/veh): xxxxxx
Optimal Cycle: 34 Level Of Service: A

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Protected			Protected			Split Phase			Split Phase		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Lanes:	1 0 2 0 0			0 0 2 0 1			1 0 0 0 1			0 0 0 0 0		
Volume Module: 7:45 To 8:45												
Base Vol:	54	540	0	0	265	118	194	0	80	0	0	0
Growth Adj:	1.21	1.21	1.21	1.21	1.21	1.21	1.23	1.23	1.23	1.23	1.23	1.23
Initial Bse:	65	651	0	0	319	142	238	0	98	0	0	0
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	65	651	0	0	319	142	238	0	98	0	0	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	65	651	0	0	319	142	238	0	98	0	0	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	65	651	0	0	319	142	238	0	98	0	0	0
RTOR Reduct:	0	0	0	0	0	142	0	0	65	0	0	0
RTOR Vol:	65	651	0	0	319	0	238	0	33	0	0	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Vol.:	65	651	0	0	319	0	238	0	33	0	0	0
Saturation Flow Module:												
Sat/Lane:	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	1.00	2.00	0.00	0.00	2.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00
Final Sat.:	1720	3440	0	0	3440	1720	1720	0	1720	0	0	0
Capacity Analysis Module:												
Vol/Sat:	0.04	0.19	0.00	0.00	0.09	0.00	0.14	0.00	0.02	0.00	0.00	0.00
Crit Vol:		325		0			238				0	
Crit Moves:		****		****			****					

Level Of Service Computation Report
CCTALOS Method (Future Volume Alternative)

Intersection #23 Dougherty/Crow

Cycle (sec):	100	Critical Vol./Cap.(X):	0.495
Loss Time (sec):	0 (Y+R=4.0 sec)	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	45	Level Of Service:	A

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Protected			Protected			Protected			Protected		
Rights:	Ignore			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Lanes:	2 0 0 0 2			0 0 0 0 0			0 0 3 0 1			2 0 2 0 0		
Volume Module:												
Base Vol:	210	0	409	0	0	0	0	426	106	694	1177	0
Growth Adj:	1.24	1.24	1.24	1.24	1.24	1.24	1.21	1.21	1.21	1.21	1.21	1.21
Initial Bse:	260	0	506	0	0	0	0	513	128	836	1418	0
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	260	0	506	0	0	0	0	513	128	836	1418	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	260	0	506	0	0	0	0	513	128	836	1418	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	260	0	506	0	0	0	0	513	128	836	1418	0
RTOR Reduct:	0	0	0	0	0	0	0	0	128	0	0	0
RTOR Vol:	260	0	506	0	0	0	0	513	0	836	1418	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Vol.:	260	0	506	0	0	0	0	513	0	836	1418	0
Saturation Flow Module:												
Sat/Lane:	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720
Adjustment:	0.91	1.00	0.91	1.00	1.00	1.00	1.00	1.00	1.00	0.91	1.00	1.00
Lanes:	2.00	0.00	2.00	0.00	0.00	0.00	0.00	3.00	1.00	2.00	2.00	0.00
Final Sat.:	3127	0	3127	0	0	0	0	5160	1720	3127	3440	0
Capacity Analysis Module:												
Vol/Sat:	0.08	0.00	0.16	0.00	0.00	0.00	0.00	0.10	0.00	0.27	0.41	0.00
Crit Vol:	130				0		0				709	
Crit Moves:	****						****				****	

Level Of Service Computation Report
CCTALOS Method (Future Volume Alternative)

Intersection #24 Alcosta/Old Ranch

Cycle (sec):	100	Critical Vol./Cap.(X):	0.365
Loss Time (sec):	0 (Y+R=4.0 sec)	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	36	Level Of Service:	A

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Protected			Protected			Split Phase			Split Phase		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Lanes:	1 0 1	1 0		1 0 1	1 0		1 0 1	0 0		2 0 0	1 1	
Volume Module:												
Base Vol:	10	226	114	130	205	1	9	1	2	341	1	216
Growth Adj:	1.21	1.21	1.21	1.21	1.21	1.21	1.24	1.24	1.24	1.24	1.24	1.24
Initial Bse:	12	272	137	157	247	1	11	1	2	422	1	268
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	12	272	137	157	247	1	11	1	2	422	1	268
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	12	272	137	157	247	1	11	1	2	422	1	268
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	12	272	137	157	247	1	11	1	2	422	1	268
RTOR Reduct:	0	0	0	0	0	0	0	0	0	0	0	157
RTOR Vol:	12	272	137	157	247	1	11	1	2	422	1	111
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Vol.:	12	272	137	157	247	1	11	1	2	422	1	111
Saturation Flow Module:												
Sat/Lane:	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	0.91	1.00	1.00	0.91	1.00	0.91
Lanes:	1.00	1.33	0.67	1.00	1.99	0.01	1.50	0.17	0.33	2.00	0.02	1.98
Final Sat.:	1650	2194	1106	1650	3284	16	2250	275	550	3000	36	2967
Capacity Analysis Module:												
Vol/Sat:	0.01	0.12	0.12	0.09	0.08	0.08	0.00	0.00	0.00	0.14	0.03	0.04
Crit Vol:		205		157			7			211		
Crit Moves:		****		****			****			****		

Level Of Service Computation Report
CCTALOS Method (Future Volume Alternative)

Intersection #25 Doughert/Old Ranch

Cycle (sec):	100	Critical Vol./Cap.(X):	0.584
Loss Time (sec):	0 (Y+R=4.0 sec)	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	55	Level Of Service:	A

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Protected			Protected			Split Phase			Split Phase		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Lanes:	1 0	3 0	0	0 0	2 1	0	1 0	0 0	2	0 0	0 0	0
Volume Module:												
Base Vol:	153	489	0	0	1534	184	87	0	136	0	0	0
Growth Adj:	1.24	1.24	1.24	1.24	1.24	1.24	1.24	1.24	1.24	1.24	1.24	1.24
Initial Bse:	189	604	0	0	1896	227	108	0	169	0	0	0
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	189	604	0	0	1896	227	108	0	169	0	0	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	189	604	0	0	1896	227	108	0	169	0	0	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	189	604	0	0	1896	227	108	0	169	0	0	0
RTOR Reduct:	0	0	0	0	0	0	0	0	169	0	0	0
RTOR Vol:	189	604	0	0	1896	227	108	0	0	0	0	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Vol.:	189	604	0	0	1896	227	108	0	0	0	0	0
Saturation Flow Module:												
Sat/Lane:	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.91	1.00	1.00	1.00
Lanes:	1.00	3.00	0.00	0.00	2.68	0.32	1.00	0.00	2.00	0.00	0.00	0.00
Final Sat.:	1720	5160	0	0	4607	553	1720	0	3127	0	0	0
Capacity Analysis Module:												
Vol/Sat:	0.11	0.12	0.00	0.00	0.41	0.41	0.06	0.00	0.00	0.00	0.00	0.00
Crit Vol:	189				708		108				0	
Crit Moves:	****				****		****					

Level Of Service Computation Report
CCTALOS Method (Future Volume Alternative)

Intersection #26 Sunset/Center Street

Cycle (sec):	100	Critical Vol./Cap.(X):	0.284
Loss Time (sec):	0 (Y+R=4.0 sec)	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	26	Level Of Service:	A

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Control:	Protected			Protected			Permitted			Permitted		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Lanes:	2 0	1 1	0	1 0	1 1	0	0 1	0 0	1	0 0	1! 0	0
Volume Module:												
Base Vol:	302	691	78	7	109	23	48	6	142	12	1	3
Growth Adj:	1.07	1.07	1.07	1.07	1.07	1.07	1.07	1.07	1.07	1.07	1.07	1.07
Initial Bse:	324	741	84	8	117	25	52	6	152	13	1	3
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	324	741	84	8	117	25	52	6	152	13	1	3
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	324	741	84	8	117	25	52	6	152	13	1	3
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	324	741	84	8	117	25	52	6	152	13	1	3
RTOR Reduct:	0	0	0	0	0	0	0	0	152	0	0	0
RTOR Vol:	324	741	84	8	117	25	52	6	0	13	1	3
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Vol.:	324	741	84	8	117	25	52	6	0	13	1	3
Saturation Flow Module:												
Sat/Lane:	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720
Adjustment:	0.91	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	2.00	1.80	0.20	1.00	1.65	0.35	0.89	0.11	1.00	0.75	0.06	0.19
Final Sat.:	3127	3091	349	1720	2841	599	1529	191	1720	1290	108	323
Capacity Analysis Module:												
Vol/Sat:	0.10	0.24	0.24	0.00	0.04	0.04	0.03	0.03	0.00	0.01	0.01	0.01
Crit Vol:		413		8			52					17
Crit Moves:		****		****			****					****

Level Of Service Computation Report
CCTALOS Method (Future Volume Alternative)

Intersection #27 Bishop Drive/Sunset

Cycle (sec):	100	Critical Vol./Cap.(X):	0.389
Loss Time (sec):	0 (Y+R=4.0 sec)	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	37	Level Of Service:	A

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Control:	Split Phase			Split Phase			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Lanes:	0 1	0 1	0	0 1	0 1	0	1 0	0 1	0	1 0	0 1	0
Volume Module:												
Base Vol:	299	393	49	11	14	20	25	82	90	33	71	11
Growth Adj:	1.07	1.07	1.07	1.07	1.07	1.07	1.07	1.07	1.07	1.07	1.07	1.07
Initial Bse:	321	422	53	12	15	21	27	88	97	35	76	12
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	321	422	53	12	15	21	27	88	97	35	76	12
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	321	422	53	12	15	21	27	88	97	35	76	12
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	321	422	53	12	15	21	27	88	97	35	76	12
RTOR Reduct:	0	0	0	0	0	0	0	0	0	0	0	0
RTOR Vol:	321	422	53	12	15	21	27	88	97	35	76	12
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Vol.:	321	422	53	12	15	21	27	88	97	35	76	12
Saturation Flow Module:												
Sat/Lane:	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	0.81	1.06	0.13	0.49	0.62	0.89	1.00	0.48	0.52	1.00	0.87	0.13
Final Sat.:	1332	1750	218	807	1027	1467	1650	787	863	1650	1429	221
Capacity Analysis Module:												
Vol/Sat:	0.24	0.24	0.24	0.01	0.01	0.01	0.02	0.11	0.11	0.02	0.05	0.05
Crit Vol:			398			24			185	35		
Crit Moves:			****			****			****	****		

Level Of Service Computation Report
2000 HCM 4-Way Stop Method (Future Volume Alternative)

Intersection #28 Bollinger Canyon/Norris Canyon

Cycle (sec):	100	Critical Vol./Cap.(X):	1.130
Loss Time (sec):	0 (Y+R=4.0 sec)	Average Delay (sec/veh):	44.0
Optimal Cycle:	0	Level Of Service:	E

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Control:	Stop Sign			Stop Sign			Stop Sign			Stop Sign		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Lanes:	1 0	1 1	0	1 0	1 1	0	0 0	1! 0	0	0 0	1! 0	0
Volume Module:												
Base Vol:	99	281	66	121	360	11	12	279	164	69	61	87
Growth Adj:	1.24	1.24	1.24	1.24	1.24	1.24	1.21	1.21	1.21	1.21	1.21	1.21
Initial Bse:	122	347	82	150	445	14	14	336	198	83	74	105
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	122	347	82	150	445	14	14	336	198	83	74	105
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	122	347	82	150	445	14	14	336	198	83	74	105
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	122	347	82	150	445	14	14	336	198	83	74	105
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Vol.:	122	347	82	150	445	14	14	336	198	83	74	105
Saturation Flow Module:												
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	1.00	1.62	0.38	1.00	1.94	0.06	0.03	0.61	0.36	0.32	0.28	0.40
Final Sat.:	399	693	166	403	831	25	13	298	175	137	121	172
Capacity Analysis Module:												
Vol/Sat:	0.31	0.50	0.49	0.37	0.54	0.53	1.13	1.13	1.13	0.61	0.61	0.61
Crit Moves:		****			****				****		****	
Delay/Veh:	15.5	19.0	18.4	16.6	20.1	20.0	107.7	108	107.7	22.7	22.7	22.7
Delay Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	15.5	19.0	18.4	16.6	20.1	20.0	107.7	108	107.7	22.7	22.7	22.7
LOS by Move:	C	C	C	C	C	C	F	F	F	C	C	C
ApproachDel:		18.1			19.2			107.7			22.7	
Delay Adj:		1.00			1.00			1.00			1.00	
ApprAdjDel:		18.1			19.2			107.7			22.7	
LOS by Appr:		C			C			F			C	
AllWayAvgQ:	0.4	1.0	0.9	0.6	1.1	1.1	13.1	13.1	13.1	1.4	1.4	1.4

Note: Queue reported is the number of cars per lane.

Level Of Service Computation Report
CCTALOS Method (Future Volume Alternative)

Intersection #29 Bollinger/Canyon Lakes

Cycle (sec):	100	Critical Vol./Cap.(X):	0.586
Loss Time (sec):	0 (Y+R=4.0 sec)	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	55	Level Of Service:	A

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Split Phase			Split Phase			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Lanes:	1 0 0 1 0			0 1 0 0 1			1 0 3 0 1			1 0 2 1 0		
Volume Module:												
Base Vol:	124	4	11	36	1	257	172	480	13	33	1276	79
Growth Adj:	1.07	1.07	1.07	1.07	1.07	1.07	1.24	1.24	1.24	1.24	1.24	1.24
Initial Bse:	133	4	12	39	1	276	213	593	16	41	1577	98
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	133	4	12	39	1	276	213	593	16	41	1577	98
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	133	4	12	39	1	276	213	593	16	41	1577	98
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	133	4	12	39	1	276	213	593	16	41	1577	98
RTOR Reduct:	0	0	0	0	0	213	0	0	16	0	0	0
RTOR Vol:	133	4	12	39	1	63	213	593	0	41	1577	98
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Vol.:	133	4	12	39	1	63	213	593	0	41	1577	98
Saturation Flow Module:												
Sat/Lane:	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	1.00	0.27	0.73	0.97	0.03	1.00	1.00	3.00	1.00	1.00	2.83	0.17
Final Sat.:	1650	440	1210	1605	45	1650	1650	4950	1650	1650	4661	289
Capacity Analysis Module:												
Vol/Sat:	0.08	0.01	0.01	0.02	0.02	0.04	0.13	0.12	0.00	0.02	0.34	0.34
Crit Vol:	133					63	213				558	
Crit Moves:	****					****	****				****	

Level Of Service Computation Report
CCTALOS Method (Future Volume Alternative)

Intersection #30 Camino Ramon/Center Street

Cycle (sec): 100 Critical Vol./Cap.(X): 0.000
Loss Time (sec): 0 (Y+R=4.0 sec) Average Delay (sec/veh): xxxxxx
Optimal Cycle: 0 Level Of Service:

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Protected			Protected			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Lanes:	0 0 0 0 0			0 0 0 0 0			0 0 0 0 0			0 0 0 0 0		
Volume Module:												
Base Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Growth Adj:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Initial Bse:	0	0	0	0	0	0	0	0	0	0	0	0
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	0	0	0	0	0	0	0	0	0	0	0
User Adj:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PHF Adj:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PHF Volume:	0	0	0	0	0	0	0	0	0	0	0	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	0	0	0	0	0	0	0	0	0	0	0
RTOR Reduct:	0	0	0	0	0	0	0	0	0	0	0	0
RTOR Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PCE Adj:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MLF Adj:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Final Vol.:	0	0	0	0	0	0	0	0	0	0	0	0
Saturation Flow Module:												
Sat/Lane:	0	0	0	0	0	0	0	0	0	0	0	0
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Final Sat.:	0	0	0	0	0	0	0	0	0	0	0	0
Capacity Analysis Module:												
Vol/Sat:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Crit Vol:	0			0			0			0		
Crit Moves:												

Scenario Report

Scenario:	PM 2020
Command:	Default Command
Volume:	PM 2020
Geometry:	2020 GP
Impact Fee:	Default Impact Fee
Trip Generation:	No
Trip Distribution:	None
Paths:	Default Paths
Routes:	Default Routes
Configuration:	Default Configuration

Impact Analysis Report
Level Of Service

Intersection	Base LOS	Base Del/ Veh	Base V/ C	Future LOS	Future Del/ Veh	Future V/ C	Change in
# 1 San Ramon/Crow	D	xxxxx	0.865	D	xxxxx	0.865	+ 0.000 V/C
# 2 680 SB OFF/Crow	B	xxxxx	0.664	B	xxxxx	0.664	+ 0.000 V/C
# 3 680 NB ON/Crow	B	xxxxx	0.641	B	xxxxx	0.641	+ 0.000 V/C
# 4 Camino Ramon/Crow	B	xxxxx	0.683	B	xxxxx	0.683	+ 0.000 V/C
# 5 Alcosta/Crow	B	xxxxx	0.692	B	xxxxx	0.692	+ 0.000 V/C
# 6 Camino Ramon/Norris	C	xxxxx	0.725	C	xxxxx	0.725	+ 0.000 V/C
# 7 Camino Ramon/Executive	A	xxxxx	0.516	A	xxxxx	0.516	+ 0.000 V/C
# 8 Camino Ramon/Bishop Drive	A	xxxxx	0.538	A	xxxxx	0.538	+ 0.000 V/C
# 9 San Ramon/Bollinger	D	xxxxx	0.812	D	xxxxx	0.812	+ 0.000 V/C
# 10 680 SB OFF/Bollinger	B	xxxxx	0.615	B	xxxxx	0.615	+ 0.000 V/C
# 11 680 NB OFF/Bollinger	B	xxxxx	0.695	B	xxxxx	0.695	+ 0.000 V/C
# 12 Sunset/Bollinger	D	xxxxx	0.854	D	xxxxx	0.854	+ 0.000 V/C
# 13 Camino Ramon/Bollinger	B	xxxxx	0.680	B	xxxxx	0.680	+ 0.000 V/C
# 14 Bishop 2 Drive/Bollinger	A	xxxxx	0.527	A	xxxxx	0.527	+ 0.000 V/C
# 15 Market/Bollinger Drive	A	xxxxx	0.530	A	xxxxx	0.530	+ 0.000 V/C
# 16 Alcosta/Bollinger	C	xxxxx	0.745	C	xxxxx	0.745	+ 0.000 V/C
# 17 Alcosta/Norris	A	xxxxx	0.523	A	xxxxx	0.523	+ 0.000 V/C
# 18 San Ramon/Norris	B	xxxxx	0.662	B	xxxxx	0.662	+ 0.000 V/C
# 19 Bollinger/Crow	A	xxxxx	0.548	A	xxxxx	0.548	+ 0.000 V/C
# 20 Dougherty/Bollinger	B	xxxxx	0.628	B	xxxxx	0.628	+ 0.000 V/C
# 21 San Ramon/Montevideo	D	xxxxx	0.881	D	xxxxx	0.881	+ 0.000 V/C
# 22 Alcosts/Montevideo	A	xxxxx	0.345	A	xxxxx	0.345	+ 0.000 V/C
# 23 Dougherty/Crow	A	xxxxx	0.546	A	xxxxx	0.546	+ 0.000 V/C
# 24 Alcosta/Old Ranch	A	xxxxx	0.311	A	xxxxx	0.311	+ 0.000 V/C
# 25 Doughert/Old Ranch	A	xxxxx	0.369	A	xxxxx	0.369	+ 0.000 V/C

Traffix 7.8.0115 (c) 2006 Dowling Assoc. Licensed to DMJM HARRIS, MIDVALE

Intersection	Base LOS	Base Del/ Veh	Base V/ C	Future LOS	Future Del/ Veh	Future V/ C	Change in
# 26 Sunset/Center Street	A	xxxxx	0.413	A	xxxxx	0.413	+ 0.000 V/C
# 27 Bishop Drive/Sunset	A	xxxxx	0.511	A	xxxxx	0.511	+ 0.000 V/C
# 28 Bollinger Canyon/Norris Canyon	B	12.0	0.489	B	12.0	0.489	+ 0.000 V/C
# 29 Bollinger/Canyon Lakes	A	xxxxx	0.504	A	xxxxx	0.504	+ 0.000 V/C
# 30 Camino Ramon/Center Street		xxxxx	0.000		xxxxx	0.000	+ 0.000 V/C

Level Of Service Computation Report
CCTALOS Method (Future Volume Alternative)

Intersection #1 San Ramon/Crow

Cycle (sec):	100	Critical Vol./Cap.(X):	0.865
Loss Time (sec):	0 (Y+R=4.0 sec)	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	169	Level Of Service:	D

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Control:	Protected			Protected			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Lanes:	2 0 2 0 1			2 0 2 0 1			2 0 3 0 1			2 0 3 0 1		
Volume Module:												
Base Vol:	158	579	709	505	435	190	312	1322	117	525	1417	617
Growth Adj:	1.22	1.22	1.00	1.00	1.22	1.22	1.21	1.00	1.21	1.00	1.00	1.00
Initial Bse:	193	706	709	505	530	232	378	1322	142	525	1417	617
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	193	706	709	505	530	232	378	1322	142	525	1417	617
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	193	706	709	505	530	232	378	1322	142	525	1417	617
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	193	706	709	505	530	232	378	1322	142	525	1417	617
RTOR Reduct:	0	0	289	0	0	208	0	0	106	0	0	278
RTOR Vol:	193	706	420	505	530	23	378	1322	36	525	1417	339
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Vol.:	193	706	420	505	530	23	378	1322	36	525	1417	339
Saturation Flow Module:												
Sat/Lane:	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650
Adjustment:	0.91	1.00	1.00	0.91	1.00	1.00	0.91	1.00	1.00	0.91	1.00	1.00
Lanes:	2.00	2.00	1.00	2.00	2.00	1.00	2.00	3.00	1.00	2.00	3.00	1.00
Final Sat.:	3000	3300	1650	3000	3300	1650	3000	4950	1650	3000	4950	1650
Capacity Analysis Module:												
Vol/Sat:	0.06	0.21	0.25	0.17	0.16	0.01	0.13	0.27	0.02	0.18	0.29	0.21
Crit Vol:			420	253				441		263		
Crit Moves:			****	****				****		****		

Level Of Service Computation Report
CCTALOS Method (Future Volume Alternative)

Intersection #2 680 SB OFF/Crow

Cycle (sec):	100	Critical Vol./Cap.(X):	0.664
Loss Time (sec):	0 (Y+R=4.0 sec)	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	55	Level Of Service:	B

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Split Phase			Split Phase			Permitted			Permitted		
Rights:	Include			Include			Ignore			Ignore		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Lanes:	0 0	0 0	0	3 0	0 0	2	0 0	3 0	1	0 0	3 0	1
Volume Module:												
Base Vol:	0	0	0	699	0	1026	0	1890	646	0	1533	571
Growth Adj:	1.18	1.18	1.18	1.00	1.18	1.00	1.21	1.00	1.00	1.21	1.00	1.00
Initial Bse:	0	0	0	699	0	1026	0	1890	646	0	1533	571
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	0	0	699	0	1026	0	1890	646	0	1533	571
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	0	0	699	0	1026	0	1890	646	0	1533	571
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	0	0	699	0	1026	0	1890	646	0	1533	571
RTOR Reduct:	0	0	0	0	0	0	0	0	0	0	0	0
RTOR Vol:	0	0	0	699	0	1026	0	1890	646	0	1533	571
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Vol.:	0	0	0	699	0	1026	0	1890	646	0	1533	571
Saturation Flow Module:												
Sat/Lane:	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800
Adjustment:	1.00	1.00	1.00	0.87	1.00	0.91	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	0.00	0.00	0.00	3.00	0.00	2.00	0.00	3.00	1.00	0.00	3.00	1.00
Final Sat.:	0	0	0	4698	0	3272	0	5400	1800	0	5400	1800
Capacity Analysis Module:												
Vol/Sat:	0.00	0.00	0.00	0.15	0.00	0.31	0.00	0.35	0.36	0.00	0.28	0.32
Crit Vol:		0				513		630		0		
Crit Moves:						****		****		****		

Level Of Service Computation Report
CCTALOS Method (Future Volume Alternative)

Intersection #3 680 NB ON/Crow

Cycle (sec):	100	Critical Vol./Cap.(X):	0.641
Loss Time (sec):	0 (Y+R=4.0 sec)	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	52	Level Of Service:	B

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Split Phase			Split Phase			Permitted			Permitted		
Rights:	Include			Include			Ignore			Ignore		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Lanes:	2 0 0 0 2			0 0 0 0 0			0 0 3 0 1			0 0 4 0 1		
Volume Module:												
Base Vol:	717	0	898	0	0	0	0	1709	880	0	1387	1142
Growth Adj:	1.00	1.18	1.18	1.18	1.18	1.18	1.21	1.00	1.00	1.21	1.00	1.21
Initial Bse:	717	0	1061	0	0	0	0	1709	880	0	1387	1385
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	717	0	1061	0	0	0	0	1709	880	0	1387	1385
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	717	0	1061	0	0	0	0	1709	880	0	1387	1385
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	717	0	1061	0	0	0	0	1709	880	0	1387	1385
RTOR Reduct:	0	0	0	0	0	0	0	0	0	0	0	0
RTOR Vol:	717	0	1061	0	0	0	0	1709	880	0	1387	1385
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Vol.:	717	0	1061	0	0	0	0	1709	880	0	1387	1385
Saturation Flow Module:												
Sat/Lane:	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800
Adjustment:	0.91	1.00	0.91	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	2.00	0.00	2.00	0.00	0.00	0.00	0.00	3.00	1.00	0.00	4.00	1.00
Final Sat.:	3272	0	3272	0	0	0	0	5400	1800	0	7200	1800
Capacity Analysis Module:												
Vol/Sat:	0.22	0.00	0.32	0.00	0.00	0.00	0.00	0.32	0.49	0.00	0.19	0.77
Crit Vol:			530		0			570		0		
Crit Moves:			****					****		****		

Level Of Service Computation Report
CCTALOS Method (Future Volume Alternative)

Intersection #4 Camino Ramon/Crow

Cycle (sec): 100 Critical Vol./Cap.(X): 0.683
Loss Time (sec): 0 (Y+R=4.0 sec) Average Delay (sec/veh): xxxxxx
Optimal Cycle: 72 Level Of Service: B

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Control:	Protected			Protected			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Lanes:	2 0	1 0	1	2 0	1 1	0	2 0	4 0	1	2 0	3 1	0
Volume Module:												
Base Vol:	464	288	141	287	134	120	117	1592	206	154	1157	182
Growth Adj:	1.21	1.21	1.21	1.21	1.21	1.21	1.21	1.21	1.21	1.21	1.21	1.21
Initial Bse:	563	349	171	348	163	146	142	1931	250	187	1403	221
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	563	349	171	348	163	146	142	1931	250	187	1403	221
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	563	349	171	348	163	146	142	1931	250	187	1403	221
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	563	349	171	348	163	146	142	1931	250	187	1403	221
RTOR Reduct:	0	0	103	0	0	0	0	0	250	0	0	0
RTOR Vol:	563	349	68	348	163	146	142	1931	0	187	1403	221
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Vol.:	563	349	68	348	163	146	142	1931	0	187	1403	221
Saturation Flow Module:												
Sat/Lane:	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650
Adjustment:	0.91	1.00	1.00	0.91	1.00	1.00	0.91	1.00	1.00	0.91	1.00	1.00
Lanes:	2.00	1.00	1.00	2.00	1.06	0.94	2.00	4.00	1.00	2.00	3.46	0.54
Final Sat.:	3000	1650	1650	3000	1741	1559	3000	6600	1650	3000	5703	897
Capacity Analysis Module:												
Vol/Sat:	0.19	0.21	0.04	0.12	0.09	0.09	0.05	0.29	0.00	0.06	0.25	0.25
Crit Vol:		349		174				483		93		
Crit Moves:		****		****				****		****		

Level Of Service Computation Report
CCTALOS Method (Future Volume Alternative)

Intersection #5 Alcosta/Crow

Cycle (sec):	100	Critical Vol./Cap.(X):	0.692
Loss Time (sec):	0 (Y+R=4.0 sec)	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	74	Level Of Service:	B

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Protected			Protected			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Lanes:	2 0 0 0 2			0 0 0 0 0			0 0 3 0 1			2 0 3 0 0		
Volume Module:												
Base Vol:	498	0	623	0	0	0	0	1581	261	318	915	0
Growth Adj:	1.24	1.24	1.24	1.24	1.24	1.24	1.21	1.21	1.21	1.21	1.21	1.21
Initial Bse:	615	0	769	0	0	0	0	1918	317	386	1110	0
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	615	0	769	0	0	0	0	1918	317	386	1110	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	615	0	769	0	0	0	0	1918	317	386	1110	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	615	0	769	0	0	0	0	1918	317	386	1110	0
RTOR Reduct:	0	0	212	0	0	0	0	0	317	0	0	0
RTOR Vol:	615	0	557	0	0	0	0	1918	0	386	1110	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Vol.:	615	0	557	0	0	0	0	1918	0	386	1110	0
Saturation Flow Module:												
Sat/Lane:	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720
Adjustment:	0.91	1.00	0.91	1.00	1.00	1.00	1.00	1.00	1.00	0.91	1.00	1.00
Lanes:	2.00	0.00	2.00	0.00	0.00	0.00	0.00	3.00	1.00	2.00	3.00	0.00
Final Sat.:	3127	0	3127	0	0	0	0	5160	1720	3127	5160	0
Capacity Analysis Module:												
Vol/Sat:	0.20	0.00	0.18	0.00	0.00	0.00	0.00	0.37	0.00	0.12	0.22	0.00
Crit Vol:	308				0			639		193		
Crit Moves:	****							****		****		

Level Of Service Computation Report
CCTALOS Method (Future Volume Alternative)

Intersection #6 Camino Ramon/Norris

Cycle (sec): 100 Critical Vol./Cap.(X): 0.725
Loss Time (sec): 0 (Y+R=4.0 sec) Average Delay (sec/veh): xxxxxx
Optimal Cycle: 83 Level Of Service: C

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Control:	Protected			Protected			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Lanes:	1 0	2 0	1	1 0	1 1	0	1 0	1 1	0	1 0	1 1	0
Volume Module:												
Base Vol:	132	864	101	136	386	112	200	282	78	49	342	77
Growth Adj:	1.23	1.23	1.23	1.23	1.23	1.23	1.21	1.21	1.21	1.21	1.21	1.21
Initial Bse:	163	1065	125	168	476	138	243	342	95	59	415	93
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	163	1065	125	168	476	138	243	342	95	59	415	93
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	163	1065	125	168	476	138	243	342	95	59	415	93
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	163	1065	125	168	476	138	243	342	95	59	415	93
RTOR Reduct:	0	0	59	0	0	0	0	0	0	0	0	0
RTOR Vol:	163	1065	65	168	476	138	243	342	95	59	415	93
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Vol.:	163	1065	65	168	476	138	243	342	95	59	415	93
Saturation Flow Module:												
Sat/Lane:	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	1.00	2.00	1.00	1.00	1.55	0.45	1.00	1.57	0.43	1.00	1.63	0.37
Final Sat.:	1650	3300	1650	1650	2558	742	1650	2585	715	1650	2694	606
Capacity Analysis Module:												
Vol/Sat:	0.10	0.32	0.04	0.10	0.19	0.19	0.15	0.13	0.13	0.04	0.15	0.15
Crit Vol:		533		168			243					254
Crit Moves:		****		****			****					****

Level Of Service Computation Report
CCTALOS Method (Future Volume Alternative)

Intersection #7 Camino Ramon/Executive

Cycle (sec): 100 Critical Vol./Cap.(X): 0.516
Loss Time (sec): 0 (Y+R=4.0 sec) Average Delay (sec/veh): xxxxxx
Optimal Cycle: 38 Level Of Service: A

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Protected			Protected			Permitted			Permitted		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Lanes:	1 0 1 1 0			1 0 1 1 0			0 1 0 0 1			0 1 0 0 1		
Volume Module:												
Base Vol:	32	698	24	15	660	41	215	11	160	117	24	76
Growth Adj:	1.22	1.22	1.22	1.22	1.22	1.22	1.18	1.18	1.18	1.18	1.18	1.18
Initial Bse:	39	854	29	18	807	50	254	13	189	138	28	90
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	39	854	29	18	807	50	254	13	189	138	28	90
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	39	854	29	18	807	50	254	13	189	138	28	90
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	39	854	29	18	807	50	254	13	189	138	28	90
RTOR Reduct:	0	0	0	0	0	0	0	0	39	0	0	18
RTOR Vol:	39	854	29	18	807	50	254	13	150	138	28	71
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Vol.:	39	854	29	18	807	50	254	13	150	138	28	71
Saturation Flow Module:												
Sat/Lane:	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	1.00	1.93	0.07	1.00	1.88	0.12	0.95	0.05	1.00	0.83	0.17	1.00
Final Sat.:	1720	3326	114	1720	3239	201	1636	84	1720	1427	293	1720
Capacity Analysis Module:												
Vol/Sat:	0.02	0.26	0.26	0.01	0.25	0.25	0.16	0.16	0.09	0.10	0.10	0.04
Crit Vol:	39				429		254				167	
Crit Moves:	****				****		****				****	

Level Of Service Computation Report
CCTALOS Method (Future Volume Alternative)

Intersection #8 Camino Ramon/Bishop Drive

Cycle (sec):	100	Critical Vol./Cap.(X):	0.538
Loss Time (sec):	0 (Y+R=4.0 sec)	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	49	Level Of Service:	A

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Control:	Protected			Protected			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Lanes:	1 0 1	1 0		1 0 1	1 0		1 0 0	1 0		1 0 0	1 0	
Volume Module:												
Base Vol:	47	461	12	9	842	114	115	2	79	144	7	22
Growth Adj:	1.22	1.22	1.22	1.22	1.22	1.22	1.09	1.09	1.09	1.09	1.09	1.09
Initial Bse:	57	564	15	11	1030	139	125	2	86	157	8	24
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	57	564	15	11	1030	139	125	2	86	157	8	24
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	57	564	15	11	1030	139	125	2	86	157	8	24
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	57	564	15	11	1030	139	125	2	86	157	8	24
RTOR Reduct:	0	0	0	0	0	0	0	0	0	0	0	0
RTOR Vol:	57	564	15	11	1030	139	125	2	86	157	8	24
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Vol.:	57	564	15	11	1030	139	125	2	86	157	8	24
Saturation Flow Module:												
Sat/Lane:	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	1.00	1.95	0.05	1.00	1.76	0.24	1.00	0.02	0.98	1.00	0.24	0.76
Final Sat.:	1650	3216	84	1650	2906	394	1650	41	1609	1650	398	1252
Capacity Analysis Module:												
Vol/Sat:	0.03	0.18	0.18	0.01	0.35	0.35	0.08	0.05	0.05	0.09	0.02	0.02
Crit Vol:	57					585		88		157		
Crit Moves:	****					****		****		****		

Level Of Service Computation Report
CCTALOS Method (Future Volume Alternative)

****

Intersection #9 San Ramon/Bollinger

****

Cycle (sec):	100	Critical Vol./Cap.(X):	0.812
Loss Time (sec):	0 (Y+R=4.0 sec)	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	121	Level Of Service:	D

****

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Control:	Protected			Protected			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Lanes:	2 0	2 0	1	2 0	1 1	0	1 0	1 1	0	2 0	2 0	1
Volume Module:												
Base Vol:	89	431	410	358	430	40	15	386	147	1085	580	195
Growth Adj:	1.22	1.22	1.00	1.00	1.22	1.22	1.23	1.00	1.23	1.00	1.00	1.00
Initial Bse:	108	525	410	358	524	49	18	386	181	1085	580	195
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	108	525	410	358	524	49	18	386	181	1085	580	195
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	108	525	410	358	524	49	18	386	181	1085	580	195
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	108	525	410	358	524	49	18	386	181	1085	580	195
RTOR Reduct:	0	0	410	0	0	0	0	0	0	0	0	195
RTOR Vol:	108	525	0	358	524	49	18	386	181	1085	580	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Vol.:	108	525	0	358	524	49	18	386	181	1085	580	0
Saturation Flow Module:												
Sat/Lane:	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650
Adjustment:	0.91	1.00	1.00	0.91	1.00	1.00	1.00	1.00	1.00	0.91	1.00	1.00
Lanes:	2.00	2.00	1.00	2.00	1.83	0.17	1.00	1.36	0.64	2.00	2.00	1.00
Final Sat.:	3000	3300	1650	3000	3019	281	1650	2246	1054	3000	3300	1650
Capacity Analysis Module:												
Vol/Sat:	0.04	0.16	0.00	0.12	0.17	0.17	0.01	0.17	0.17	0.36	0.18	0.00
Crit Vol:		263		179					284	543		
Crit Moves:		****		****					****	****		

****

Level Of Service Computation Report
CCTALOS Method (Future Volume Alternative)

Intersection #10 680 SB OFF/Bollinger

Cycle (sec):	100	Critical Vol./Cap.(X):	0.615
Loss Time (sec):	0 (Y+R=4.0 sec)	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	48	Level Of Service:	B

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Control:	Split Phase			Split Phase			Permitted			Permitted		
Rights:	Include			Include			Include			Ignore		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Lanes:	0 0	1! 0	0	1 1	0 0	2	0 0	3 1	0	0 0	3 0	1
Volume Module:												
Base Vol:	5	0	101	825	21	401	0	1142	12	0	1454	1665
Growth Adj:	1.00	1.00	1.00	1.00	1.17	1.00	1.23	1.00	1.00	1.23	1.00	1.00
Initial Bse:	5	0	101	825	24	401	0	1142	12	0	1454	1665
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	5	0	101	825	24	401	0	1142	12	0	1454	1665
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	5	0	101	825	24	401	0	1142	12	0	1454	1665
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	5	0	101	825	24	401	0	1142	12	0	1454	1665
RTOR Reduct:	0	0	0	0	0	0	0	0	0	0	0	0
RTOR Vol:	5	0	101	825	24	401	0	1142	12	0	1454	1665
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Vol.:	5	0	101	825	24	401	0	1142	12	0	1454	1665
Saturation Flow Module:												
Sat/Lane:	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720
Adjustment:	1.00	1.00	1.00	0.91	1.00	0.91	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	0.05	0.00	0.95	1.94	0.06	2.00	0.00	3.96	0.04	0.00	3.00	1.00
Final Sat.:	81	0	1639	3037	99	3127	0	6808	72	0	5160	1720
Capacity Analysis Module:												
Vol/Sat:	0.06	0.00	0.06	0.27	0.25	0.13	0.00	0.17	0.17	0.00	0.28	0.97
Crit Vol:			106	425			0				485	
Crit Moves:			****	****			****				****	

Level Of Service Computation Report
CCTALOS Method (Future Volume Alternative)

Intersection #11 680 NB OFF/Bollinger

Cycle (sec):	100	Critical Vol./Cap.(X):	0.695
Loss Time (sec):	0 (Y+R=4.0 sec)	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	61	Level Of Service:	B

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Split Phase			Split Phase			Permitted			Permitted		
Rights:	Include			Include			Ignore			Ignore		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Lanes:	1 0	0 0	3	0 0	0 0	0	0 0	3 0	1	0 0	3 1	1
Volume Module:												
Base Vol:	512	0	1076	0	0	0	0	1688	380	0	2607	1088
Growth Adj:	1.00	1.17	1.00	1.17	1.17	1.00	1.23	1.00	1.00	1.23	1.00	1.00
Initial Bse:	512	0	1076	0	0	0	0	1688	380	0	2607	1088
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	512	0	1076	0	0	0	0	1688	380	0	2607	1088
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	512	0	1076	0	0	0	0	1688	380	0	2607	1088
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	512	0	1076	0	0	0	0	1688	380	0	2607	1088
RTOR Reduct:	0	0	0	0	0	0	0	0	0	0	0	0
RTOR Vol:	512	0	1076	0	0	0	0	1688	380	0	2607	1088
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Vol.:	512	0	1076	0	0	0	0	1688	380	0	2607	1088
Saturation Flow Module:												
Sat/Lane:	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800
Adjustment:	1.00	1.00	0.87	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.91
Lanes:	1.00	0.00	3.00	0.00	0.00	0.00	0.00	3.00	1.00	0.00	3.53	1.47
Final Sat.:	1800	0	4698	0	0	0	0	5400	1800	0	6350	2409
Capacity Analysis Module:												
Vol/Sat:	0.28	0.00	0.23	0.00	0.00	0.00	0.00	0.31	0.21	0.00	0.41	0.45
Crit Vol:	512				0		0				739	
Crit Moves:	****						****				****	