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

Intersection #9 San Ramon/Bollinger

Cycle (sec):	100	Critical Vol./Cap.(X):	0.876
Loss Time (sec):	0 (Y+R=4.0 sec)	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	180	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	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	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	431	483	294	430	40	15	313	147	1039	530	179
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	483	294	430	40	15	313	147	1039	530	179
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	89	431	483	294	430	40	15	313	147	1039	530	179
RTOR Reduct:	0	0	0	0	0	0	0	0	0	0	0	162
RTOR Vol:	89	431	483	294	430	40	15	313	147	1039	530	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	431	483	294	430	40	15	313	147	1039	530	17
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	1.00	1.00	2.00	1.83	0.17	1.00	1.36	0.64	2.00	2.00	1.00
Final Sat.:	3000	1650	1650	3000	3019	281	1650	2245	1055	3000	3300	1650
Capacity Analysis Module:												
Vol/Sat:	0.03	0.26	0.29	0.10	0.14	0.14	0.01	0.14	0.14	0.35	0.16	0.01
Crit Vol:			483	147				230		520		
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): 0.574
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:	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	817	21	344	0	1150	10	0	1260	1445
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:	5	0	101	817	21	344	0	1150	10	0	1260	1445
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	817	21	344	0	1150	10	0	1260	1445
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	817	21	344	0	1150	10	0	1260	1445
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	5	0	101	817	21	344	0	1150	10	0	1260	1445
RTOR Reduct:	0	0	0	0	0	0	0	0	0	0	0	0
RTOR Vol:	5	0	101	817	21	344	0	1150	10	0	1260	1445
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	817	21	344	0	1150	10	0	1260	1445
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	1.95	0.05	2.00	0.00	3.97	0.03	0.00	3.00	1.00
Final Sat.:	81	0	1639	3049	86	3127	0	6821	59	0	5160	1720
Capacity Analysis Module:												
Vol/Sat:	0.06	0.00	0.06	0.27	0.24	0.11	0.00	0.17	0.17	0.00	0.24	0.84
Crit Vol:			106	419			0				420	
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):	0.713
Loss Time (sec):	0 (Y+R=4.0 sec)	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	65	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 2			0 0 0 0 0			0 0 3 0 1			0 0 3 0 1		
Volume Module:												
Base Vol:	439	0	923	0	0	0	0	1305	248	0	2325	892
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:	439	0	923	0	0	0	0	1305	248	0	2325	892
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:	439	0	923	0	0	0	0	1305	248	0	2325	892
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:	439	0	923	0	0	0	0	1305	248	0	2325	892
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	439	0	923	0	0	0	0	1305	248	0	2325	892
RTOR Reduct:	0	0	0	0	0	0	0	0	0	0	0	0
RTOR Vol:	439	0	923	0	0	0	0	1305	248	0	2325	892
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.:	439	0	923	0	0	0	0	1305	248	0	2325	892
Saturation Flow Module:												
Sat/Lane:	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800
Adjustment:	1.00	1.00	0.91	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	1.00	0.00	2.00	0.00	0.00	0.00	0.00	3.00	1.00	0.00	3.00	1.00
Final Sat.:	1800	0	3272	0	0	0	0	5400	1800	0	5400	1800
Capacity Analysis Module:												
Vol/Sat:	0.24	0.00	0.28	0.00	0.00	0.00	0.00	0.24	0.14	0.00	0.43	0.50
Crit Vol:			462		0		0				775	
Crit Moves:			****				****				****	

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

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Intersection #12 Sunset/Bollinger

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Cycle (sec): 100 Critical Vol./Cap.(X): 0.680
Loss Time (sec): 0 (Y+R=4.0 sec) Average Delay (sec/veh): xxxxxx
Optimal Cycle: 71 Level Of Service: B

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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			Ignore			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	2	2 0	3 0	1	1 0	4 0	1
Volume Module:												
Base Vol:	494	35	99	142	13	902	402	1883	43	28	1817	140
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	902	402	1883	43	28	1817	140
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:	494	35	99	142	13	902	402	1883	43	28	1817	140
User Adj:	1.00	1.00	1.00	1.00	1.00	0.72	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	142	13	649	402	1883	43	28	1817	140
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	494	35	99	142	13	649	402	1883	43	28	1817	140
RTOR Reduct:	0	0	28	0	0	0	0	0	43	0	0	140
RTOR Vol:	494	35	71	142	13	649	402	1883	0	28	1817	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.:	494	35	71	142	13	649	402	1883	0	28	1817	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	1.00	1.00	1.00
Lanes:	1.87	0.13	1.00	0.92	0.08	2.00	2.00	3.00	1.00	1.00	4.00	1.00
Final Sat.:	2801	218	1650	1512	138	3000	3000	4950	1650	1650	6600	1650
Capacity Analysis Module:												
Vol/Sat:	0.18	0.16	0.04	0.09	0.09	0.22	0.13	0.38	0.00	0.02	0.28	0.00
Crit Vol:	264				155		201				454	
Crit Moves:	****				****		****				****	

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

Intersection #13 Camino Ramon/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:	1 0 1	0 1		2 0	0 1	1	2 0	3 0	1	1 0	3 1	0
Volume Module:												
Base Vol:	347	34	36	518	18	603	350	1868	18	12	1011	146
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:	347	34	36	518	18	603	350	1868	18	12	1011	146
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:	347	34	36	518	18	603	350	1868	18	12	1011	146
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:	347	34	36	518	18	603	350	1868	18	12	1011	146
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	347	34	36	518	18	603	350	1868	18	12	1011	146
RTOR Reduct:	0	0	12	0	0	193	0	0	18	0	0	0
RTOR Vol:	347	34	24	518	18	411	350	1868	0	12	1011	146
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.:	347	34	24	518	18	411	350	1868	0	12	1011	146
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	1.00	1.00	1.00
Lanes:	1.00	1.00	1.00	2.00	0.08	1.92	2.00	3.00	1.00	1.00	3.50	0.50
Final Sat.:	1650	1650	1650	3000	139	2874	3000	4950	1650	1650	5767	833
Capacity Analysis Module:												
Vol/Sat:	0.21	0.02	0.01	0.17	0.13	0.14	0.12	0.38	0.00	0.01	0.18	0.18
Crit Vol:	347					214		623		12		
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):	0.562
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	0 0	1	0 0	0 0	0	0 0	2 1	0	1 0	3 0	0
Volume Module:												
Base Vol:	150	0	50	0	0	0	0	2300	0	50	1150	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:	150	0	50	0	0	0	0	2300	0	50	1150	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:	150	0	50	0	0	0	0	2300	0	50	1150	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:	150	0	50	0	0	0	0	2300	0	50	1150	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	150	0	50	0	0	0	0	2300	0	50	1150	0
RTOR Reduct:	0	0	50	0	0	0	0	0	0	0	0	0
RTOR Vol:	150	0	0	0	0	0	0	2300	0	50	1150	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.:	150	0	0	0	0	0	0	2300	0	50	1150	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	0.00	1.00	0.00	0.00	0.00	0.00	3.00	0.00	1.00	3.00	0.00
Final Sat.:	1720	0	1720	0	0	0	0	5160	0	1720	5160	0
Capacity Analysis Module:												
Vol/Sat:	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.45	0.00	0.03	0.22	0.00
Crit Vol:	150				0			767		50		
Crit Moves:	****							****		****		

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

Intersection #15 Market/Bollinger Drive

Cycle (sec):	100	Critical Vol./Cap.(X):	0.543
Loss Time (sec):	0 (Y+R=4.0 sec)	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	50	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	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:	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:	395	2	136	13	5	12	37	1912	460	42	824	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:	395	2	136	13	5	12	37	1912	460	42	824	8
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	395	2	136	13	5	12	37	1912	460	42	824	8
RTOR Reduct:	0	0	23	0	0	0	0	0	217	0	0	0
RTOR Vol:	395	2	113	13	5	12	37	1912	243	42	824	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.:	395	2	113	13	5	12	37	1912	243	42	824	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	2.97	0.03
Final Sat.:	2985	17	1650	1650	485	1165	1650	4950	1650	3000	4902	48
Capacity Analysis Module:												
Vol/Sat:	0.13	0.12	0.07	0.01	0.01	0.01	0.02	0.39	0.15	0.01	0.17	0.17
Crit Vol:	199					17		637		21		
Crit Moves:	****					****		****		****		

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

Intersection #16 Alcosta/Bollinger

Cycle (sec):	100	Critical Vol./Cap.(X):	0.814
Loss Time (sec):	0 (Y+R=4.0 sec)	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	123	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	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:	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:	154	411	127	239	404	165	260	1450	338	218	651	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:	154	411	127	239	404	165	260	1450	338	218	651	165
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	154	411	127	239	404	165	260	1450	338	218	651	165
RTOR Reduct:	0	0	0	0	0	165	0	0	85	0	0	131
RTOR Vol:	154	411	127	239	404	0	260	1450	253	218	651	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.:	154	411	127	239	404	0	260	1450	253	218	651	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:	0.05	0.16	0.16	0.08	0.12	0.00	0.16	0.44	0.15	0.13	0.20	0.02
Crit Vol:			269	120				725		218		
Crit Moves:			****	****				****		****		

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

Intersection #17 Alcosta/Norris

Cycle (sec):	100	Critical Vol./Cap.(X):	0.431
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	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	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:	125	548	35	76	356	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	548	35	76	356	127	374	77	158	44	138	139
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	125	548	35	76	356	127	374	77	158	44	138	139
RTOR Reduct:	0	0	0	0	0	127	0	0	125	0	0	76
RTOR Vol:	125	548	35	76	356	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	548	35	76	356	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	1.88	0.12	1.00	2.00	1.00	2.00	1.00	1.00	1.00	1.00	1.00
Final Sat.:	1650	3102	198	1650	3300	1650	3000	1650	1650	1650	1650	1650
Capacity Analysis Module:												
Vol/Sat:	0.08	0.18	0.18	0.05	0.11	0.00	0.12	0.05	0.02	0.03	0.08	0.04
Crit Vol:		292		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):	0.545
Loss Time (sec):	0 (Y+R=4.0 sec)	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	50	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	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:	100	300	100	150	300	100	100	200	100	250	500	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	300	100	150	300	100	100	200	100	250	500	350
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	100	300	100	150	300	100	100	200	100	250	500	350
RTOR Reduct:	0	0	0	0	0	0	0	0	0	0	0	83
RTOR Vol:	100	300	100	150	300	100	100	200	100	250	500	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	300	100	150	300	100	100	200	100	250	500	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	1.50	0.50	2.00	1.50	0.50	1.00	1.33	0.67	1.00	1.00	1.00
Final Sat.:	1650	2475	825	3000	2475	825	1650	2200	1100	1650	1650	1650
Capacity Analysis Module:												
Vol/Sat:	0.06	0.12	0.12	0.05	0.12	0.12	0.06	0.09	0.09	0.15	0.30	0.16
Crit Vol:	100				200		100				500	
Crit Moves:	****				****		****				****	

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

Intersection #19 Bollinger/Crow

Cycle (sec):	100	Critical Vol./Cap.(X):	0.449
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:	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:	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:	181	32	52	30	36	8	16	825	142	90	1004	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:	181	32	52	30	36	8	16	825	142	90	1004	29
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	181	32	52	30	36	8	16	825	142	90	1004	29
RTOR Reduct:	0	0	52	0	0	0	0	0	142	0	0	29
RTOR Vol:	181	32	0	30	36	8	16	825	0	90	1004	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.:	181	32	0	30	36	8	16	825	0	90	1004	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:	0.11	0.02	0.00	0.04	0.04	0.04	0.01	0.24	0.00	0.05	0.29	0.00
Crit Vol:	181				74		16				502	
Crit Moves:	****				****		****				****	

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

Intersection #20 Dougherty/Bollinger

Cycle (sec):	100	Critical Vol./Cap.(X):	0.473
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:	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	2 0	0	0 0	2 0	1
Volume Module:												
Base Vol:	0	0	0	281	0	287	622	698	0	0	380	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:	0	0	0	281	0	287	622	698	0	0	380	366
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	281	0	287	622	698	0	0	380	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	287	622	698	0	0	380	366
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	0	0	281	0	287	622	698	0	0	380	366
RTOR Reduct:	0	0	0	0	0	287	0	0	0	0	0	281
RTOR Vol:	0	0	0	281	0	0	622	698	0	0	380	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	622	698	0	0	380	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	0.20	0.20	0.00	0.00	0.11	0.05
Crit Vol:		0		281			311				190	
Crit Moves:				****			****				****	

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

Intersection #21 San Ramon/Montevideo

Cycle (sec):	100	Critical Vol./Cap.(X):	0.805
Loss Time (sec):	0 (Y+R=4.0 sec)	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	117	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	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	705	345	687	842	0	0	0	0	172	0	643
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	705	345	687	842	0	0	0	0	172	0	643
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	705	345	687	842	0	0	0	0	172	0	643
RTOR Reduct:	0	0	0	0	0	0	0	0	0	0	0	643
RTOR Vol:	0	705	345	687	842	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	705	345	687	842	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	1.34	0.66	1.00	2.00	0.00	0.00	0.00	0.00	1.00	0.00	1.00
Final Sat.:	0	2310	1130	1720	3440	0	0	0	0	1720	0	1720
Capacity Analysis Module:												
Vol/Sat:	0.00	0.31	0.31	0.40	0.24	0.00	0.00	0.00	0.00	0.10	0.00	0.00
Crit Vol:			525	687				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):	0.284
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:	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	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:	66	262	0	0	616	210	114	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	262	0	0	616	210	114	0	43	0	0	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	66	262	0	0	616	210	114	0	43	0	0	0
RTOR Reduct:	0	0	0	0	0	114	0	0	43	0	0	0
RTOR Vol:	66	262	0	0	616	96	114	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	262	0	0	616	96	114	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	0.08	0.00	0.00	0.18	0.06	0.07	0.00	0.00	0.00	0.00	0.00
Crit Vol:	66				308		114				0	
Crit Moves:	****				****		****					

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

Intersection #23 Dougherty/Crow

Cycle (sec):	100	Critical Vol./Cap.(X):	0.570
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:	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:	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:	135	0	811	0	0	0	0	1195	137	547	541	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:	135	0	811	0	0	0	0	1195	137	547	541	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	135	0	811	0	0	0	0	1195	137	547	541	0
RTOR Reduct:	0	0	301	0	0	0	0	0	74	0	0	0
RTOR Vol:	135	0	510	0	0	0	0	1195	63	547	541	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.:	135	0	510	0	0	0	0	1195	63	547	541	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:	0.04	0.00	0.16	0.00	0.00	0.00	0.00	0.23	0.04	0.17	0.16	0.00
Crit Vol:			255	0				398		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):	0.255
Loss Time (sec):	0 (Y+R=4.0 sec)	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	31	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:	1 0	1 1	0	1 0	1 1	0	1 0	1! 0	0	2 0	0 1	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	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:	2	212	161	164	242	1	1	0	0	127	1	176
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	212	161	164	242	1	1	0	0	127	1	176
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	2	212	161	164	242	1	1	0	0	127	1	176
RTOR Reduct:	0	0	0	0	0	0	0	0	0	0	0	164
RTOR Vol:	2	212	161	164	242	1	1	0	0	127	1	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.:	2	212	161	164	242	1	1	0	0	127	1	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	0.91	1.00	1.00	0.91	1.00	0.91
Lanes:	1.00	1.14	0.86	1.00	1.99	0.01	2.00	0.00	0.00	2.00	0.15	1.85
Final Sat.:	1650	1876	1424	1650	3286	14	3000	0	0	3000	254	2769
Capacity Analysis Module:												
Vol/Sat:	0.00	0.11	0.11	0.10	0.07	0.07	0.00	0.00	0.00	0.04	0.00	0.00
Crit Vol:			187	164			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): 0.365
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	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:	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:	232	1052	0	0	494	47	102	0	120	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:	232	1052	0	0	494	47	102	0	120	0	0	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	232	1052	0	0	494	47	102	0	120	0	0	0
RTOR Reduct:	0	0	0	0	0	0	0	0	120	0	0	0
RTOR Vol:	232	1052	0	0	494	47	102	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.:	232	1052	0	0	494	47	102	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	1.83	0.17	1.00	0.00	2.00	0.00	0.00	0.00
Final Sat.:	1720	3440	0	0	3141	299	1720	0	3127	0	0	0
Capacity Analysis Module:												
Vol/Sat:	0.13	0.31	0.00	0.00	0.16	0.16	0.06	0.00	0.00	0.00	0.00	0.00
Crit Vol:		526		0			102				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):	0.379
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:	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	1 1	0	1 0	1 1	0	0 1	0 0	1	0 0	1! 0	0
Volume Module:												
Base Vol:	250	200	50	25	575	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	50	25	575	75	50	15	175	100	25	15
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:	250	200	50	25	575	75	50	15	175	100	25	15
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	200	50	25	575	75	50	15	175	100	25	15
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	250	200	50	25	575	75	50	15	175	100	25	15
RTOR Reduct:	0	0	0	0	0	0	0	0	138	0	0	0
RTOR Vol:	250	200	50	25	575	75	50	15	38	100	25	15
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	200	50	25	575	75	50	15	38	100	25	15
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	1.60	0.40	1.00	1.77	0.23	0.77	0.23	1.00	0.71	0.18	0.11
Final Sat.:	3127	2752	688	1720	3043	397	1323	397	1720	1229	307	184
Capacity Analysis Module:												
Vol/Sat:	0.08	0.07	0.07	0.01	0.19	0.19	0.04	0.04	0.02	0.08	0.08	0.08
Crit Vol:	125				325		50					140
Crit Moves:	****				****		****					****

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

Intersection #27 Bishop Drive/Sunset

Cycle (sec):	100	Critical Vol./Cap.(X):	0.470
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			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:	140	50	75	20	325	25	15	100	250	100	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	100	50	20
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:	140	50	75	20	325	25	15	100	250	100	50	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:	140	50	75	20	325	25	15	100	250	100	50	20
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	140	50	75	20	325	25	15	100	250	100	50	20
RTOR Reduct:	0	0	0	0	0	0	0	0	0	0	0	0
RTOR Vol:	140	50	75	20	325	25	15	100	250	100	50	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.:	140	50	75	20	325	25	15	100	250	100	50	20
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	0.43	0.57	0.11	1.76	0.13	1.00	0.29	0.71	1.00	0.71	0.29
Final Sat.:	1650	716	934	178	2899	223	1650	471	1179	1650	1179	471
Capacity Analysis Module:												
Vol/Sat:	0.08	0.07	0.08	0.11	0.11	0.11	0.01	0.21	0.21	0.06	0.04	0.04
Crit Vol:	140					185		350		100		
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):	0.371
Loss Time (sec):	0 (Y+R=4.0 sec)	Average Delay (sec/veh):	10.4
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	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:	72	197	59	69	213	20	6	84	146	36	79	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	197	59	69	213	20	6	84	146	36	79	44
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	72	197	59	69	213	20	6	84	146	36	79	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	197	59	69	213	20	6	84	146	36	79	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	1.54	0.46	1.00	1.83	0.17	0.02	0.36	0.62	0.22	0.50	0.28
Final Sat.:	533	903	280	530	1055	100	16	226	393	133	292	163
Capacity Analysis Module:												
Vol/Sat:	0.14	0.22	0.21	0.13	0.20	0.20	0.37	0.37	0.37	0.27	0.27	0.27
Crit Moves:		****			****			****			****	
Delay/Veh:	10.1	10.1	9.8	10.1	10.0	9.9	11.2	11.2	11.2	10.6	10.6	10.6
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:	10.1	10.1	9.8	10.1	10.0	9.9	11.2	11.2	11.2	10.6	10.6	10.6
LOS by Move:	B	B	A	B	B	A	B	B	B	B	B	B
ApproachDel:		10.0			10.1			11.2			10.6	
Delay Adj:		1.00			1.00			1.00			1.00	
ApprAdjDel:		10.0			10.1			11.2			10.6	
LOS by Appr:		B			B			B			B	
AllWayAvgQ:	0.1	0.3	0.2	0.1	0.2	0.2	0.5	0.5	0.5	0.3	0.3	0.3

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): 0.539
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:	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	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	52	6	6	90	7	173	301	1402	107	24	638	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	173	301	1402	107	24	638	89
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	52	6	6	90	7	173	301	1402	107	24	638	89
RTOR Reduct:	0	0	0	0	0	173	0	0	0	0	0	89
RTOR Vol:	52	6	6	90	7	0	301	1402	107	24	638	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	301	1402	107	24	638	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	1.86	0.14	1.00	2.00	1.00
Final Sat.:	1720	860	860	1596	124	1720	1720	3196	244	1720	3440	1720
Capacity Analysis Module:												
Vol/Sat:	0.03	0.01	0.01	0.06	0.06	0.00	0.17	0.44	0.44	0.01	0.19	0.00
Crit Vol:	52				97			755		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): 0.000
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:												

TRAFFIX ANALYSIS

Existing + Project

Scenario Report

Scenario:	AM Ext+Prj I.
Command:	Default Command
Volume:	AM Existing + Project Network
Geometry:	Ext + Proj
Impact Fee:	Default Impact Fee
Trip Generation:	AM PRJ Existing Flex Retail
Trip Distribution:	ONE
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	A	xxxxx	0.559	A	xxxxx	0.567	+ 0.008 V/C
# 2 680 SB OFF/Crow	A	xxxxx	0.588	B	xxxxx	0.609	+ 0.020 V/C
# 3 680 NB ON/Crow	A	xxxxx	0.523	A	xxxxx	0.541	+ 0.018 V/C
# 4 Camino Ramon/Crow	A	xxxxx	0.568	B	xxxxx	0.633	+ 0.065 V/C
# 5 Alcosta/Crow	A	xxxxx	0.436	A	xxxxx	0.452	+ 0.015 V/C
# 6 Camino Ramon/Norris	A	xxxxx	0.462	A	xxxxx	0.508	+ 0.046 V/C
# 7 Camino Ramon/Executive	A	xxxxx	0.357	A	xxxxx	0.399	+ 0.042 V/C
# 8 Camino Ramon/Bishop Drive	A	xxxxx	0.410	A	xxxxx	0.452	+ 0.042 V/C
# 9 San Ramon/Bollinger	C	xxxxx	0.794	D	xxxxx	0.823	+ 0.029 V/C
# 10 680 SB OFF/Bollinger	A	xxxxx	0.500	A	xxxxx	0.553	+ 0.054 V/C
# 11 680 NB OFF/Bollinger	C	xxxxx	0.753	D	xxxxx	0.876	+ 0.123 V/C
# 12 Sunset/Bollinger	B	xxxxx	0.652	B	xxxxx	0.668	+ 0.016 V/C
# 13 Camino Ramon/Bollinger	A	xxxxx	0.523	B	xxxxx	0.629	+ 0.106 V/C
# 14 Bishop 2 Drive/Bollinger	A	xxxxx	0.371	A	xxxxx	0.430	+ 0.060 V/C
# 15 Market/Bollinger Drive	A	xxxxx	0.452	A	xxxxx	0.524	+ 0.072 V/C
# 16 Alcosta/Bollinger	C	xxxxx	0.707	D	xxxxx	0.800	+ 0.093 V/C
# 17 Alcosta/Norris	A	xxxxx	0.395	A	xxxxx	0.410	+ 0.015 V/C
# 18 San Ramon/Norris	A	xxxxx	0.549	A	xxxxx	0.555	+ 0.006 V/C
# 19 Bollinger/Crow	A	xxxxx	0.455	A	xxxxx	0.476	+ 0.022 V/C
# 20 Dougherty/Bollinger	A	xxxxx	0.502	A	xxxxx	0.535	+ 0.032 V/C
# 21 San Ramon/Montevideo	B	xxxxx	0.615	B	xxxxx	0.621	+ 0.005 V/C
# 22 Alcosts/Montevideo	A	xxxxx	0.270	A	xxxxx	0.313	+ 0.043 V/C
# 23 Dougherty/Crow	A	xxxxx	0.409	A	xxxxx	0.424	+ 0.015 V/C
# 24 Alcosta/Old Ranch	A	xxxxx	0.306	A	xxxxx	0.320	+ 0.013 V/C
# 25 Doughert/Old Ranch	B	xxxxx	0.639	B	xxxxx	0.652	+ 0.013 V/C

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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	0.258	A	xxxxx	0.270	+ 0.012 V/C
# 27 Bishop Drive/Sunset	A	xxxxx	0.388	A	xxxxx	0.409	+ 0.022 V/C
# 28 Bollinger Canyon/Norris Canyon	C	20.6	0.855	C	23.5	0.902	+ 0.047 V/C
# 29 Bollinger/Canyon Lakes	A	xxxxx	0.592	B	xxxxx	0.650	+ 0.058 V/C
# 30 Camino Ramon/Center Street	A	xxxxx	0.213	A	xxxxx	0.256	+ 0.044 V/C

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

Intersection #1 San Ramon/Crow

Cycle (sec):	180	Critical Vol./Cap.(X):	0.567
Loss Time (sec):	12 (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:	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	410	340	225	131	171	975	124	492	1228	466
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:	91	238	410	340	225	131	171	975	124	492	1228	466
Added Vol:	0	6	0	0	21	0	0	42	0	0	16	2
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	91	244	410	340	246	131	171	1017	124	492	1244	468
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	244	410	340	246	131	171	1017	124	492	1244	468
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	91	244	410	340	246	131	171	1017	124	492	1244	468
RTOR Reduct:	0	0	271	0	0	94	0	0	50	0	0	187
RTOR Vol:	91	244	139	340	246	37	171	1017	74	492	1244	281
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	244	139	340	246	37	171	1017	74	492	1244	281
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:	0.03	0.07	0.08	0.11	0.07	0.02	0.06	0.21	0.04	0.16	0.25	0.17
Crit Vol:			139	170				339		246		
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):	0.609
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			Ignore			Ignore		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Lanes:	0 0 0 0 0			2 0 0 0 2			0 0 3 0 1			0 0 3 0 1		
Volume Module:												
Base Vol:	0	0	0	1149	0	838	0	934	497	0	1280	749
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	1149	0	838	0	934	497	0	1280	749
Added Vol:	0	0	0	56	0	0	0	42	0	0	18	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	0	0	1205	0	838	0	976	497	0	1298	749
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	1205	0	838	0	976	497	0	1298	749
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	0	0	1205	0	838	0	976	497	0	1298	749
RTOR Reduct:	0	0	0	0	0	0	0	0	0	0	0	0
RTOR Vol:	0	0	0	1205	0	838	0	976	497	0	1298	749
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	1205	0	838	0	976	497	0	1298	749
Saturation Flow Module:												
Sat/Lane:	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800
Adjustment:	1.00	1.00	1.00	0.91	1.00	0.91	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	0.00	0.00	0.00	2.00	0.00	2.00	0.00	3.00	1.00	0.00	3.00	1.00
Final Sat.:	0	0	0	3272	0	3272	0	5400	1800	0	5400	1800
Capacity Analysis Module:												
Vol/Sat:	0.00	0.00	0.00	0.37	0.00	0.26	0.00	0.18	0.28	0.00	0.24	0.42
Crit Vol:		0		603			0				433	
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):	0.541
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:	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	1! 0	1	0 0	0 0	0	0 0	3 0	1	0 0	3 0	1
Volume Module:												
Base Vol:	453	0	874	0	0	0	0	1364	915	0	1151	551
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:	453	0	874	0	0	0	0	1364	915	0	1151	551
Added Vol:	0	0	0	0	0	0	0	98	0	0	18	24
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	453	0	874	0	0	0	0	1462	915	0	1169	575
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:	453	0	874	0	0	0	0	1462	915	0	1169	575
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	453	0	874	0	0	0	0	1462	915	0	1169	575
RTOR Reduct:	0	0	0	0	0	0	0	0	0	0	0	0
RTOR Vol:	453	0	874	0	0	0	0	1462	915	0	1169	575
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.:	453	0	874	0	0	0	0	1462	915	0	1169	575
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:	1.02	xxxx	1.98	0.00	0.00	0.00	0.00	3.00	1.00	0.00	3.00	1.00
Final Sat.:	1676	0	3233	0	0	0	0	5400	1800	0	5400	1800
Capacity Analysis Module:												
Vol/Sat:	0.27	0.00	0.27	0.00	0.00	0.00	0.00	0.27	0.51	0.00	0.22	0.32
Crit Vol:			442		0			487		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):	0.633
Loss Time (sec):	0 (Y+R=4.0 sec)	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	62	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	1 0	1 1	0	1 0	3 0	1	1 0	3 1	0
Volume Module:												
Base Vol:	109	61	57	126	126	68	184	1046	579	231	1560	204
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:	109	61	57	126	126	68	184	1046	579	231	1560	204
Added Vol:	43	0	15	0	1	0	0	0	98	33	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	152	61	72	126	127	68	184	1046	677	264	1560	204
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:	152	61	72	126	127	68	184	1046	677	264	1560	204
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	152	61	72	126	127	68	184	1046	677	264	1560	204
RTOR Reduct:	0	0	72	0	0	0	0	0	84	0	0	0
RTOR Vol:	152	61	0	126	127	68	184	1046	593	264	1560	204
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.:	152	61	0	126	127	68	184	1046	593	264	1560	204
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	1.00	1.00	1.00
Lanes:	2.00	1.00	1.00	1.00	1.30	0.70	1.00	3.00	1.00	1.00	3.54	0.46
Final Sat.:	3000	1650	1650	1650	2149	1151	1650	4950	1650	1650	5837	763
Capacity Analysis Module:												
Vol/Sat:	0.05	0.04	0.00	0.08	0.06	0.06	0.11	0.21	0.36	0.16	0.27	0.27
Crit Vol:		61		126					593	264		
Crit Moves:		****		****					****	****		

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

Intersection #5 Alcosta/Crow

Cycle (sec):	100	Critical Vol./Cap.(X):	0.452
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:	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 1			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:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	275	0	225	0	0	0	0	608	464	521	1653	0
Added Vol:	0	0	9	0	0	0	0	15	0	48	33	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	275	0	234	0	0	0	0	623	464	569	1686	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:	275	0	234	0	0	0	0	623	464	569	1686	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	275	0	234	0	0	0	0	623	464	569	1686	0
RTOR Reduct:	0	0	234	0	0	0	0	0	151	0	0	0
RTOR Vol:	275	0	0	0	0	0	0	623	313	569	1686	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.:	275	0	0	0	0	0	0	623	313	569	1686	0
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	0.91	1.00	1.00
Lanes:	2.00	0.00	1.00	0.00	0.00	0.00	0.00	3.00	1.00	2.00	3.00	0.00
Final Sat.:	3127	0	1720	0	0	0	0	5160	1720	3127	5160	0
Capacity Analysis Module:												
Vol/Sat:	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.18	0.18	0.33	0.00
Crit Vol:	138				0				313	285		
Crit Moves:	****								****	****		

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

Intersection #6 Camino Ramon/Norris

Cycle (sec):	100	Critical Vol./Cap.(X):	0.508
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:	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:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	78	159	59	131	569	108	76	336	120	117	261	90
Added Vol:	4	58	0	0	132	0	0	0	12	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	82	217	59	131	701	108	76	336	132	117	261	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:	82	217	59	131	701	108	76	336	132	117	261	90
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	82	217	59	131	701	108	76	336	132	117	261	90
RTOR Reduct:	0	0	59	0	0	0	0	0	0	0	0	0
RTOR Vol:	82	217	0	131	701	108	76	336	132	117	261	90
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.:	82	217	0	131	701	108	76	336	132	117	261	90
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	1.73	0.27	1.00	1.44	0.56	1.00	1.49	0.51
Final Sat.:	1650	3300	1650	1650	2859	441	1650	2369	931	1650	2454	846
Capacity Analysis Module:												
Vol/Sat:	0.05	0.07	0.00	0.08	0.25	0.25	0.05	0.14	0.14	0.07	0.11	0.11
Crit Vol:	82					405			234	117		
Crit Moves:	****					****			****	****		

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

Intersection #7 Camino Ramon/Executive

Cycle (sec): 100 Critical Vol./Cap.(X): 0.399
Loss Time (sec): 0 (Y+R=4.0 sec) Average Delay (sec/veh): xxxxxx
Optimal Cycle: 31 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:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	178	307	71	63	417	202	44	39	23	43	26	45
Added Vol:	1	62	0	0	143	0	0	0	1	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	179	369	71	63	560	202	44	39	24	43	26	45
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:	179	369	71	63	560	202	44	39	24	43	26	45
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	179	369	71	63	560	202	44	39	24	43	26	45
RTOR Reduct:	0	0	0	0	0	0	0	0	24	0	0	45
RTOR Vol:	179	369	71	63	560	202	44	39	0	43	26	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.:	179	369	71	63	560	202	44	39	0	43	26	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	1.68	0.32	1.00	1.47	0.53	0.53	0.47	1.00	0.62	0.38	1.00
Final Sat.:	1720	2885	555	1720	2528	912	912	808	1720	1072	648	1720
Capacity Analysis Module:												
Vol/Sat:	0.10	0.13	0.13	0.04	0.22	0.22	0.05	0.05	0.00	0.04	0.04	0.00
Crit Vol:	179					381		83		43		
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):	0.452
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:	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 0 1			1 0 1 0 1			1 0 1 0 1		
Volume Module:												
Base Vol:	0	605	161	68	108	144	62	16	28	26	4	231
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	605	161	68	108	144	62	16	28	26	4	231
Added Vol:	0	18	34	22	149	-27	22	12	10	33	9	22
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	623	195	90	257	117	84	28	38	59	13	253
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	623	195	90	257	117	84	28	38	59	13	253
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	623	195	90	257	117	84	28	38	59	13	253
RTOR Reduct:	0	0	0	0	0	84	0	0	0	0	0	50
RTOR Vol:	0	623	195	90	257	33	84	28	38	59	13	204
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	623	195	90	257	33	84	28	38	59	13	204
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	1.52	0.48	2.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Sat.:	1650	2513	787	3000	1650	1650	1650	1650	1650	1650	1650	1650
Capacity Analysis Module:												
Vol/Sat:	0.00	0.25	0.25	0.03	0.16	0.02	0.05	0.02	0.02	0.04	0.01	0.12
Crit Vol:		409		45			84					204
Crit Moves:		****		****			****					****

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

Intersection #9 San Ramon/Bollinger

Cycle (sec):	100	Critical Vol./Cap.(X):	0.823
Loss Time (sec):	0 (Y+R=4.0 sec)	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	129	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	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	0	0	0	0	0	0	0	0	0	155
RTOR Vol:	206	491	466	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	466	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	1.03	0.97	2.00	1.83	0.17	1.00	1.60	0.40	2.00	2.00	1.00
Final Sat.:	3000	1693	1607	3000	3016	284	1650	2642	658	3000	3300	1650
Capacity Analysis Module:												
Vol/Sat:	0.07	0.29	0.29	0.09	0.09	0.09	0.02	0.30	0.30	0.14	0.10	0.03
Crit Vol:			479	141					502	203		
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):	0.553
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			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	733	12	248	0	1375	8	0	680	834
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:	3	0	101	733	12	248	0	1375	8	0	680	834
Added Vol:	0	0	0	130	0	0	0	83	0	0	31	114
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	3	0	101	863	12	248	0	1458	8	0	711	948
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	863	12	248	0	1458	8	0	711	948
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	3	0	101	863	12	248	0	1458	8	0	711	948
RTOR Reduct:	0	0	0	0	0	0	0	0	0	0	0	0
RTOR Vol:	3	0	101	863	12	248	0	1458	8	0	711	948
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	863	12	248	0	1458	8	0	711	948
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	3.98	0.02	0.00	3.00	1.00
Final Sat.:	50	0	1670	3084	47	3127	0	6842	38	0	5160	1720
Capacity Analysis Module:												
Vol/Sat:	0.06	0.00	0.06	0.28	0.25	0.08	0.00	0.21	0.21	0.00	0.14	0.55
Crit Vol:			104	437				367		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):	0.876
Loss Time (sec):	0 (Y+R=4.0 sec)	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	150	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			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 2		0 0 0	0 0		0 0 3	0 1		0 0 3	0 1	
Volume Module:												
Base Vol:	280	0	1646	0	0	0	0	1349	386	0	1218	511
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:	280	0	1646	0	0	0	0	1349	386	0	1218	511
Added Vol:	0	0	275	0	0	0	0	213	0	0	145	57
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	280	0	1921	0	0	0	0	1562	386	0	1363	568
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:	280	0	1921	0	0	0	0	1562	386	0	1363	568
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	280	0	1921	0	0	0	0	1562	386	0	1363	568
RTOR Reduct:	0	0	0	0	0	0	0	0	0	0	0	0
RTOR Vol:	280	0	1921	0	0	0	0	1562	386	0	1363	568
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.:	280	0	1921	0	0	0	0	1562	386	0	1363	568
Saturation Flow Module:												
Sat/Lane:	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800
Adjustment:	1.00	1.00	0.91	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	1.00	0.00	2.00	0.00	0.00	0.00	0.00	3.00	1.00	0.00	3.00	1.00
Final Sat.:	1800	0	3272	0	0	0	0	5400	1800	0	5400	1800
Capacity Analysis Module:												
Vol/Sat:	0.16	0.00	0.59	0.00	0.00	0.00	0.00	0.29	0.21	0.00	0.25	0.32
Crit Vol:			961		0			521		0		
Crit Moves:			****					****		****		

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

Intersection #12 Sunset/Bollinger

Cycle (sec):	100	Critical Vol./Cap.(X):	0.668
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	2	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	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	9	34	103	39	261	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	261	979	2037	567	215	1551	114
RTOR Reduct:	0	0	34	0	0	261	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	0.91	0.91	1.00	1.00	1.00	1.00	1.00
Lanes:	1.70	0.30	1.00	0.73	0.27	2.00	2.00	3.00	1.00	1.00	4.00	1.00
Final Sat.:	2557	487	1650	1197	453	3000	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 #13 Camino Ramon/Bollinger

Cycle (sec):	100	Critical Vol./Cap.(X):	0.629
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:	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	1 0	1 0	1	2 0	3 0	1	1 0	3 1	0
Volume Module:												
Base Vol:	12	19	0	30	41	41	672	747	242	24	1703	74
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:	12	19	0	30	41	41	672	747	242	24	1703	74
Added Vol:	39	16	15	40	124	27	27	229	315	117	35	12
Prj. I (Fle:	0	0	0	0	0	0	8	-16	0	0	-2	2
Initial Fut:	51	35	15	70	165	68	707	960	557	141	1736	88
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:	51	35	15	70	165	68	707	960	557	141	1736	88
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	51	35	15	70	165	68	707	960	557	141	1736	88
RTOR Reduct:	0	0	15	0	0	68	0	0	28	0	0	0
RTOR Vol:	51	35	0	70	165	0	707	960	529	141	1736	88
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.:	51	35	0	70	165	0	707	960	529	141	1736	88
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:	2.00	1.00	1.00	1.00	1.00	1.00	2.00	3.00	1.00	1.00	3.81	0.19
Final Sat.:	3000	1650	1650	1650	1650	1650	3000	4950	1650	1650	6282	318
Capacity Analysis Module:												
Vol/Sat:	0.02	0.02	0.00	0.04	0.10	0.00	0.24	0.19	0.32	0.09	0.28	0.28
Crit Vol:	26				165		354					456
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):	0.430
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:	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	0 1	0	2 0	0 1	0	1 0	2 1	0	1 0	3 0	1
Volume Module:												
Base Vol:	10	0	8	46	0	0	0	746	32	37	1735	224
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:	10	0	8	46	0	0	0	746	32	37	1735	224
Added Vol:	28	0	25	38	0	37	11	43	228	204	100	41
Prj. I (Fle:	0	0	0	16	0	2	0	-16	0	0	-2	2
Initial Fut:	38	0	33	100	0	39	11	773	260	241	1833	267
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:	38	0	33	100	0	39	11	773	260	241	1833	267
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	38	0	33	100	0	39	11	773	260	241	1833	267
RTOR Reduct:	0	0	0	0	0	0	0	0	0	0	0	55
RTOR Vol:	38	0	33	100	0	39	11	773	260	241	1833	212
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.:	38	0	33	100	0	39	11	773	260	241	1833	212
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	0.00	1.00	2.00	0.00	1.00	1.00	2.24	0.76	1.00	3.00	1.00
Final Sat.:	1650	0	1650	3000	0	1650	1650	3704	1246	1650	4950	1650
Capacity Analysis Module:												
Vol/Sat:	0.02	0.00	0.02	0.03	0.00	0.02	0.01	0.21	0.21	0.15	0.37	0.13
Crit Vol:			33	50			11				611	
Crit Moves:			****	****			****				****	

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

Intersection #15 Market/Bollinger Drive

Cycle (sec):	100	Critical Vol./Cap.(X):	0.524
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:	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:	243	1	33	2	1	9	11	638	149	41	1765	6
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:	243	1	33	2	1	9	11	638	149	41	1765	6
Added Vol:	18	0	0	0	0	0	0	103	4	0	328	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	261	1	33	2	1	9	11	741	153	41	2093	6
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	33	2	1	9	11	741	153	41	2093	6
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	261	1	33	2	1	9	11	741	153	41	2093	6
RTOR Reduct:	0	0	23	0	0	0	0	0	144	0	0	0
RTOR Vol:	261	1	10	2	1	9	11	741	9	41	2093	6
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	10	2	1	9	11	741	9	41	2093	6
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	0.10	0.90	1.00	3.00	1.00	2.00	2.99	0.01
Final Sat.:	2988	13	1650	1650	165	1485	1650	4950	1650	3000	4936	14
Capacity Analysis Module:												
Vol/Sat:	0.09	0.08	0.01	0.00	0.01	0.01	0.01	0.15	0.01	0.01	0.42	0.42
Crit Vol:	131				10		11				700	
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	2 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	2.00	1.00	1.00	2.00	1.00
Final Sat.:	3000	2362	938	3000	3300	1650	1650	3300	1650	1650	3300	1650
Capacity Analysis Module:												
Vol/Sat:	0.21	0.20	0.20	0.05	0.08	0.04	0.12	0.14	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 #17 Alcosta/Norris

Cycle (sec):	100	Critical Vol./Cap.(X):	0.410
Loss Time (sec):	0 (Y+R=4.0 sec)	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	39	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:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	285	379	66	235	461	216	143	71	206	42	58	84
Added Vol:	0	9	0	0	48	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	285	388	66	235	509	216	143	71	206	42	58	84
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:	285	388	66	235	509	216	143	71	206	42	58	84
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	285	388	66	235	509	216	143	71	206	42	58	84
RTOR Reduct:	0	0	0	0	0	79	0	0	206	0	0	84
RTOR Vol:	285	388	66	235	509	137	143	71	0	42	58	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.:	285	388	66	235	509	137	143	71	0	42	58	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	1.71	0.29	1.00	2.00	1.00	2.00	1.00	1.00	1.00	1.00	1.00
Final Sat.:	1650	2820	480	1650	3300	1650	3000	1650	1650	1650	1650	1650
Capacity Analysis Module:												
Vol/Sat:	0.17	0.14	0.14	0.14	0.15	0.08	0.05	0.04	0.00	0.03	0.04	0.00
Crit Vol:	285				255		72				58	
Crit Moves:	****				****		****				****	

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

Intersection #18 San Ramon/Norris

Cycle (sec): 90 Critical Vol./Cap.(X): 0.555
Loss Time (sec): 0 (Y+R=4.0 sec) Average Delay (sec/veh): xxxxxx
Optimal Cycle: 51 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:	74	325	326	406	144	27	78	493	51	85	148	237
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:	74	325	326	406	144	27	78	493	51	85	148	237
Added Vol:	0	6	0	0	21	0	0	14	0	0	6	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	74	331	326	406	165	27	78	507	51	85	154	237
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:	74	331	326	406	165	27	78	507	51	85	154	237
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	74	331	326	406	165	27	78	507	51	85	154	237
RTOR Reduct:	0	0	0	0	0	0	0	0	0	0	0	223
RTOR Vol:	74	331	326	406	165	27	78	507	51	85	154	14
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.:	74	331	326	406	165	27	78	507	51	85	154	14
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	1.01	0.99	2.00	1.72	0.28	1.00	1.82	0.18	1.00	1.00	1.00
Final Sat.:	1650	1663	1637	3000	2836	464	1650	2998	302	1650	1650	1650
Capacity Analysis Module:												
Vol/Sat:	0.04	0.20	0.20	0.14	0.06	0.06	0.05	0.17	0.17	0.05	0.09	0.01
Crit Vol:			329	203					279	85		
Crit Moves:			****	****					****	****		

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

Intersection #19 Bollinger/Crow

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:	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:	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:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	116	41	133	18	67	18	34	951	70	88	758	21
Added Vol:	16	0	0	0	0	0	0	42	42	0	16	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	132	41	133	18	67	18	34	993	112	88	774	21
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:	132	41	133	18	67	18	34	993	112	88	774	21
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	132	41	133	18	67	18	34	993	112	88	774	21
RTOR Reduct:	0	0	88	0	0	0	0	0	112	0	0	18
RTOR Vol:	132	41	45	18	67	18	34	993	0	88	774	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.:	132	41	45	18	67	18	34	993	0	88	774	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	0.02	0.03	0.06	0.06	0.06	0.02	0.29	0.00	0.05	0.23	0.00
Crit Vol:	132					103		497		88		
Crit Moves:	****					****		****		****		

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

Intersection #20 Dougherty/Bollinger

Cycle (sec):	100	Critical Vol./Cap.(X):	0.535
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:	-16	0	0	404	0	496	165	290	-4	0	739	331
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:	-16	0	0	404	0	496	165	290	-4	0	739	331
Added Vol:	16	0	0	0	0	18	4	32	4	0	106	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	0	0	404	0	514	169	322	0	0	845	331
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	404	0	514	169	322	0	0	845	331
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	0	0	404	0	514	169	322	0	0	845	331
RTOR Reduct:	0	0	0	0	0	93	0	0	0	0	0	331
RTOR Vol:	0	0	0	404	0	421	169	322	0	0	845	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	0	0	404	0	421	169	322	0	0	845	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	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	0.23	0.00	0.13	0.05	0.09	0.00	0.00	0.25	0.00
Crit Vol:		0		404			84				422	
Crit Moves:				****			****				****	

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

Intersection #21 San Ramon/Montevideo

Cycle (sec):	100	Critical Vol./Cap.(X):	0.621
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:	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	510	364	0	0	0	0	195	0	528
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	590	117	510	364	0	0	0	0	195	0	528
Added Vol:	0	10	0	4	5	0	0	0	0	0	0	10
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	600	117	514	369	0	0	0	0	195	0	538
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	600	117	514	369	0	0	0	0	195	0	538
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	600	117	514	369	0	0	0	0	195	0	538
RTOR Reduct:	0	0	0	0	0	0	0	0	0	0	0	514
RTOR Vol:	0	600	117	514	369	0	0	0	0	195	0	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.:	0	600	117	514	369	0	0	0	0	195	0	24
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	2879	561	1720	3440	0	0	0	0	1720	0	1720
Capacity Analysis Module:												
Vol/Sat:	0.00	0.21	0.21	0.30	0.11	0.00	0.00	0.00	0.00	0.11	0.00	0.01
Crit Vol:			359	514				0		195		
Crit Moves:			****	****						****		

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

Intersection #22 Alcosts/Montevideo

Cycle (sec): 100 Critical Vol./Cap.(X): 0.313
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			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:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	54	540	0	0	265	118	194	0	80	0	0	0
Added Vol:	0	51	0	0	28	16	48	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	54	591	0	0	293	134	242	0	80	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:	54	591	0	0	293	134	242	0	80	0	0	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	54	591	0	0	293	134	242	0	80	0	0	0
RTOR Reduct:	0	0	0	0	0	134	0	0	54	0	0	0
RTOR Vol:	54	591	0	0	293	0	242	0	26	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.:	54	591	0	0	293	0	242	0	26	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:	0.03	0.17	0.00	0.00	0.09	0.00	0.14	0.00	0.02	0.00	0.00	0.00
Crit Vol:		296		0			242				0	
Crit Moves:		****		****			****					

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

Intersection #23 Dougherty/Crow

Cycle (sec):	100	Critical Vol./Cap.(X):	0.424
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:	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:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	210	0	409	0	0	0	0	426	106	694	1177	0
Added Vol:	18	0	0	0	0	0	0	11	4	0	32	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	228	0	409	0	0	0	0	437	110	694	1209	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:	228	0	409	0	0	0	0	437	110	694	1209	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	228	0	409	0	0	0	0	437	110	694	1209	0
RTOR Reduct:	0	0	382	0	0	0	0	0	110	0	0	0
RTOR Vol:	228	0	27	0	0	0	0	437	0	694	1209	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.:	228	0	27	0	0	0	0	437	0	694	1209	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:	0.07	0.00	0.01	0.00	0.00	0.00	0.00	0.08	0.00	0.22	0.35	0.00
Crit Vol:	114				0		0				605	
Crit Moves:	****						****				****	

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

Intersection #24 Alcosta/Old Ranch

Cycle (sec):	100	Critical Vol./Cap.(X):	0.320
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:	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	0 0	1! 0	0	1 0	1! 0	1
Volume Module:												
Base Vol:	10	226	114	130	205	1	9	1	2	341	1	216
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:	10	226	114	130	205	1	9	1	2	341	1	216
Added Vol:	0	26	0	9	19	0	0	0	0	0	0	25
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	10	252	114	139	224	1	9	1	2	341	1	241
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:	10	252	114	139	224	1	9	1	2	341	1	241
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	10	252	114	139	224	1	9	1	2	341	1	241
RTOR Reduct:	0	0	0	0	0	0	0	0	0	0	0	139
RTOR Vol:	10	252	114	139	224	1	9	1	2	341	1	102
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.:	10	252	114	139	224	1	9	1	2	341	1	102
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:	0.05	1.34	0.61	1.00	1.99	0.01	0.75	0.08	0.17	1.99	0.01	1.00
Final Sat.:	88	2212	1001	1650	3285	15	1238	138	275	2985	17	1500
Capacity Analysis Module:												
Vol/Sat:	0.11	0.11	0.11	0.08	0.07	0.07	0.01	0.01	0.01	0.11	0.06	0.07
Crit Vol:			188	139				12		171		
Crit Moves:			****	****				****		****		

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

Intersection #25 Doughert/Old Ranch

Cycle (sec):	100	Critical Vol./Cap.(X):	0.652
Loss Time (sec):	0 (Y+R=4.0 sec)	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	66	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			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:												
Base Vol:	153	489	0	0	1534	184	87	0	136	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:	153	489	0	0	1534	184	87	0	136	0	0	0
Added Vol:	11	0	0	0	0	13	5	0	5	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	164	489	0	0	1534	197	92	0	141	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:	164	489	0	0	1534	197	92	0	141	0	0	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	164	489	0	0	1534	197	92	0	141	0	0	0
RTOR Reduct:	0	0	0	0	0	0	0	0	141	0	0	0
RTOR Vol:	164	489	0	0	1534	197	92	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.:	164	489	0	0	1534	197	92	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	1.77	0.23	1.00	0.00	2.00	0.00	0.00	0.00
Final Sat.:	1720	3440	0	0	3049	391	1720	0	3127	0	0	0
Capacity Analysis Module:												
Vol/Sat:	0.10	0.14	0.00	0.00	0.50	0.50	0.05	0.00	0.00	0.00	0.00	0.00
Crit Vol:	164					866	92				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):	0.270
Loss Time (sec):	0 (Y+R=4.0 sec)	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	25	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			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:	302	691	153	7	171	23	48	6	142	12	1	3
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:	302	691	153	7	171	23	48	6	142	12	1	3
Added Vol:	0	32	-134	5	58	0	0	0	0	9	0	4
Prj. I (Fle:	0	0	17	0	0	0	0	0	0	11	0	0
Initial Fut:	302	723	36	12	229	23	48	6	142	32	1	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:	302	723	36	12	229	23	48	6	142	32	1	7
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	302	723	36	12	229	23	48	6	142	32	1	7
RTOR Reduct:	0	0	0	0	0	0	0	0	142	0	0	0
RTOR Vol:	302	723	36	12	229	23	48	6	0	32	1	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.:	302	723	36	12	229	23	48	6	0	32	1	7
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	2.86	0.14	1.00	1.82	0.18	0.89	0.11	1.00	1.00	0.12	0.88
Final Sat.:	3127	4915	245	1720	3126	314	1529	191	1720	1720	215	1505
Capacity Analysis Module:												
Vol/Sat:	0.10	0.15	0.15	0.01	0.07	0.07	0.03	0.03	0.00	0.02	0.00	0.00
Crit Vol:			253			126		54		32		
Crit Moves:			****			****		****		****		

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

Intersection #27 Bishop Drive/Sunset

Cycle (sec):	100	Critical Vol./Cap.(X):	0.409
Loss Time (sec):	0 (Y+R=4.0 sec)	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	39	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 1			0 1 0 1 0			1 0 0 1 0			2 0 0 1 0		
Volume Module:												
Base Vol:	299	393	49	11	14	20	25	82	90	95	71	11
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:	299	393	49	11	14	20	25	82	90	95	71	11
Added Vol:	1	0	35	0	0	0	0	1	1	61	1	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	300	393	84	11	14	20	25	83	91	156	72	11
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:	300	393	84	11	14	20	25	83	91	156	72	11
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	300	393	84	11	14	20	25	83	91	156	72	11
RTOR Reduct:	0	0	84	0	0	0	0	0	0	0	0	0
RTOR Vol:	300	393	0	11	14	20	25	83	91	156	72	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.:	300	393	0	11	14	20	25	83	91	156	72	11
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	0.49	0.62	0.89	1.00	0.48	0.52	2.00	0.87	0.13
Final Sat.:	1650	1650	1500	807	1027	1467	1650	787	863	3000	1431	219
Capacity Analysis Module:												
Vol/Sat:	0.18	0.24	0.00	0.01	0.01	0.01	0.02	0.11	0.11	0.05	0.05	0.05
Crit Vol:		393				22			174	78		
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):	0.902
Loss Time (sec):	0 (Y+R=4.0 sec)	Average Delay (sec/veh):	23.5
Optimal Cycle:	0	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:	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:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	99	281	66	121	360	11	12	279	164	69	61	87
Added Vol:	0	16	0	0	42	0	0	14	0	0	6	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	99	297	66	121	402	11	12	293	164	69	67	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:	99	297	66	121	402	11	12	293	164	69	67	87
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	99	297	66	121	402	11	12	293	164	69	67	87
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.:	99	297	66	121	402	11	12	293	164	69	67	87
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	1.64	0.36	1.00	1.95	0.05	0.03	0.62	0.35	0.31	0.30	0.39
Final Sat.:	414	728	165	423	877	24	13	325	182	138	134	174
Capacity Analysis Module:												
Vol/Sat:	0.24	0.41	0.40	0.29	0.46	0.46	0.90	0.90	0.90	0.50	0.50	0.50
Crit Moves:		****			****		****				****	
Delay/Veh:	13.5	15.4	15.0	14.1	16.5	16.4	43.4	43.4	43.4	17.2	17.2	17.2
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:	13.5	15.4	15.0	14.1	16.5	16.4	43.4	43.4	43.4	17.2	17.2	17.2
LOS by Move:	B	C	B	B	C	C	E	E	E	C	C	C
ApproachDel:		14.9			15.9			43.4			17.2	
Delay Adj:		1.00			1.00			1.00			1.00	
ApprAdjDel:		14.9			15.9			43.4			17.2	
LOS by Appr:		B			C			E			C	
AllWayAvgQ:	0.3	0.6	0.6	0.4	0.8	0.8	4.9	4.9	4.9	0.8	0.8	0.8

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):	0.650
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:	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:	124	4	11	36	1	257	172	480	13	33	1276	79
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:	124	4	11	36	1	257	172	480	13	33	1276	79
Added Vol:	0	0	0	0	0	18	4	46	0	0	162	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	124	4	11	36	1	275	176	526	13	33	1438	79
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:	124	4	11	36	1	275	176	526	13	33	1438	79
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	124	4	11	36	1	275	176	526	13	33	1438	79
RTOR Reduct:	0	0	0	0	0	176	0	0	0	0	0	36
RTOR Vol:	124	4	11	36	1	99	176	526	13	33	1438	43
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.:	124	4	11	36	1	99	176	526	13	33	1438	43
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	0.27	0.73	0.97	0.03	1.00	1.00	1.95	0.05	1.00	2.00	1.00
Final Sat.:	1720	459	1261	1674	46	1720	1720	3357	83	1720	3440	1720
Capacity Analysis Module:												
Vol/Sat:	0.07	0.01	0.01	0.02	0.02	0.06	0.10	0.16	0.16	0.02	0.42	0.03
Crit Vol:	124					99	176				719	
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):	0.256
Loss Time (sec):	0 (Y+R=4.0 sec)	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	31	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	765	0	0	162	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	765	0	0	162	0	0	0	0	0	0	0
Added Vol:	0	53	1	0	191	1	0	0	0	0	0	0
Prj. I (Fle:	0	0	10	0	0	0	0	8	0	0	2	0
Initial Fut:	0	818	11	0	353	1	0	8	0	0	2	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	818	11	0	353	1	0	8	0	0	2	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	818	11	0	353	1	0	8	0	0	2	0
RTOR Reduct:	0	0	0	0	0	0	0	0	0	0	0	0
RTOR Vol:	0	818	11	0	353	1	0	8	0	0	2	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	818	11	0	353	1	0	8	0	0	2	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	1.97	0.03	0.00	1.99	0.01	0.00	1.00	0.00	0.00	1.00	0.00
Final Sat.:	0	3256	44	0	3291	9	0	1650	0	0	1650	0
Capacity Analysis Module:												
Vol/Sat:	0.00	0.25	0.25	0.00	0.11	0.11	0.00	0.00	0.00	0.00	0.00	0.00
Crit Vol:		415		0				8		0		
Crit Moves:		****		****				****		****		

Scenario Report

Scenario:	PM Ext+Prj I.
Command:	Default Command
Volume:	PM Existing + Project Network
Geometry:	Ext + Proj
Impact Fee:	Default Impact Fee
Trip Generation:	PM PRJ Existing Flex Retail
Trip Distribution:	ONE
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 V/C
# 1 San Ramon/Crow	C	xxxxx	0.738	C	xxxxx	0.751	+ 0.013
# 2 680 SB OFF/Crow	A	xxxxx	0.566	A	xxxxx	0.577	+ 0.011
# 3 680 NB ON/Crow	A	xxxxx	0.598	B	xxxxx	0.618	+ 0.020
# 4 Camino Ramon/Crow	C	xxxxx	0.763	D	xxxxx	0.817	+ 0.053
# 5 Alcosta/Crow	B	xxxxx	0.669	C	xxxxx	0.718	+ 0.050
# 6 Camino Ramon/Norris	A	xxxxx	0.592	B	xxxxx	0.670	+ 0.077
# 7 Camino Ramon/Executive	A	xxxxx	0.429	A	xxxxx	0.506	+ 0.077
# 8 Camino Ramon/Bishop Drive	A	xxxxx	0.427	A	xxxxx	0.586	+ 0.159
# 9 San Ramon/Bollinger	D	xxxxx	0.876	E	xxxxx	0.920	+ 0.043
# 10 680 SB OFF/Bollinger	A	xxxxx	0.574	B	xxxxx	0.637	+ 0.063
# 11 680 NB OFF/Bollinger	C	xxxxx	0.713	D	xxxxx	0.883	+ 0.170
# 12 Sunset/Bollinger	E	xxxxx	0.961	F	xxxxx	1.058	+ 0.097
# 13 Camino Ramon/Bollinger	A	xxxxx	0.531	B	xxxxx	0.698	+ 0.167
# 14 Bishop 2 Drive/Bollinger	A	xxxxx	0.566	D	xxxxx	0.831	+ 0.265
# 15 Market/Bollinger Drive	A	xxxxx	0.543	B	xxxxx	0.669	+ 0.126
# 16 Alcosta/Bollinger	D	xxxxx	0.814	E	xxxxx	0.919	+ 0.105
# 17 Alcosta/Norris	A	xxxxx	0.431	A	xxxxx	0.447	+ 0.016
# 18 San Ramon/Norris	A	xxxxx	0.545	A	xxxxx	0.571	+ 0.025
# 19 Bollinger/Crow	A	xxxxx	0.449	A	xxxxx	0.504	+ 0.055
# 20 Dougherty/Bollinger	A	xxxxx	0.479	A	xxxxx	0.533	+ 0.054
# 21 San Ramon/Montevideo	D	xxxxx	0.805	D	xxxxx	0.818	+ 0.013
# 22 Alcosts/Montevideo	A	xxxxx	0.284	A	xxxxx	0.358	+ 0.074
# 23 Dougherty/Crow	A	xxxxx	0.570	A	xxxxx	0.581	+ 0.012
# 24 Alcosta/Old Ranch	A	xxxxx	0.256	A	xxxxx	0.296	+ 0.040
# 25 Doughert/Old Ranch	A	xxxxx	0.365	A	xxxxx	0.379	+ 0.014

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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	0.505	B	xxxxx	0.648	+ 0.143 V/C
# 27 Bishop Drive/Sunset	B	xxxxx	0.603	B	xxxxx	0.665	+ 0.062 V/C
# 28 Bollinger Canyon/Norris Canyon	B	10.4	0.371	B	11.6	0.445	+ 0.074 V/C
# 29 Bollinger/Canyon Lakes	A	xxxxx	0.539	B	xxxxx	0.631	+ 0.092 V/C
# 30 Camino Ramon/Center Street	A	xxxxx	0.110	A	xxxxx	0.233	+ 0.124 V/C

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

Intersection #1 San Ramon/Crow

Cycle (sec):	180	Critical Vol./Cap.(X):	0.751
Loss Time (sec):	12 (Y+R=4.0 sec)	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	92	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	2 0	1	2 0	3 0	1	2 0	3 0	1
Volume Module:												
Base Vol:	158	579	626	414	435	190	312	1090	117	466	1201	559
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:	158	579	626	414	435	190	312	1090	117	466	1201	559
Added Vol:	0	26	0	14	15	0	0	43	0	0	63	13
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	158	605	626	428	450	190	312	1133	117	466	1264	572
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:	158	605	626	428	450	190	312	1133	117	466	1264	572
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	158	605	626	428	450	190	312	1133	117	466	1264	572
RTOR Reduct:	0	0	256	0	0	172	0	0	87	0	0	235
RTOR Vol:	158	605	370	428	450	18	312	1133	30	466	1264	337
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.:	158	605	370	428	450	18	312	1133	30	466	1264	337
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:	0.05	0.18	0.22	0.14	0.14	0.01	0.10	0.23	0.02	0.16	0.26	0.20
Crit Vol:			370	214				378		233		
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):	0.577
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:	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			2 0 0 0 2			0 0 3 0 1			0 0 3 0 1		
Volume Module:												
Base Vol:	0	0	0	512	0	869	0	1624	599	0	1264	448
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	512	0	869	0	1624	599	0	1264	448
Added Vol:	0	0	0	53	0	0	0	57	0	0	75	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	0	0	565	0	869	0	1681	599	0	1339	448
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	565	0	869	0	1681	599	0	1339	448
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	0	0	565	0	869	0	1681	599	0	1339	448
RTOR Reduct:	0	0	0	0	0	0	0	0	0	0	0	0
RTOR Vol:	0	0	0	565	0	869	0	1681	599	0	1339	448
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	565	0	869	0	1681	599	0	1339	448
Saturation Flow Module:												
Sat/Lane:	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800
Adjustment:	1.00	1.00	1.00	0.91	1.00	0.91	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	0.00	0.00	0.00	2.00	0.00	2.00	0.00	3.00	1.00	0.00	3.00	1.00
Final Sat.:	0	0	0	3272	0	3272	0	5400	1800	0	5400	1800
Capacity Analysis Module:												
Vol/Sat:	0.00	0.00	0.00	0.17	0.00	0.27	0.00	0.31	0.33	0.00	0.25	0.25
Crit Vol:		0				435		560		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):	0.618
Loss Time (sec):	0 (Y+R=4.0 sec)	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	49	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	1! 0	1	0 0	0 0	0	0 0	3 0	1	0 0	3 0	1
Volume Module:												
Base Vol:	607	0	898	0	0	0	0	1574	884	0	1339	1142
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:	607	0	898	0	0	0	0	1574	884	0	1339	1142
Added Vol:	0	0	0	0	0	0	0	110	0	0	75	76
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	607	0	898	0	0	0	0	1684	884	0	1414	1218
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:	607	0	898	0	0	0	0	1684	884	0	1414	1218
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	607	0	898	0	0	0	0	1684	884	0	1414	1218
RTOR Reduct:	0	0	0	0	0	0	0	0	0	0	0	0
RTOR Vol:	607	0	898	0	0	0	0	1684	884	0	1414	1218
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.:	607	0	898	0	0	0	0	1684	884	0	1414	1218
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:	1.21	0.00	1.79	0.00	0.00	0.00	0.00	3.00	1.00	0.00	3.00	1.00
Final Sat.:	1980	0	2929	0	0	0	0	5400	1800	0	5400	1800
Capacity Analysis Module:												
Vol/Sat:	0.31	0.00	0.31	0.00	0.00	0.00	0.00	0.31	0.49	0.00	0.26	0.68
Crit Vol:	502				0			561		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): 0.817
Loss Time (sec): 0 (Y+R=4.0 sec) Average Delay (sec/veh): xxxxxx
Optimal Cycle: 124 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	0 1		1 0 1	1 0		1 0 3	0 1		1 0 3	1 0	
Volume Module:												
Base Vol:	464	288	141	287	134	120	117	1592	206	154	1157	182
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:	464	288	141	287	134	120	117	1592	206	154	1157	182
Added Vol:	151	4	100	0	3	0	0	0	110	84	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	615	292	241	287	137	120	117	1592	316	238	1157	182
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	292	241	287	137	120	117	1592	316	238	1157	182
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	615	292	241	287	137	120	117	1592	316	238	1157	182
RTOR Reduct:	0	0	238	0	0	0	0	0	316	0	0	0
RTOR Vol:	615	292	3	287	137	120	117	1592	0	238	1157	182
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	292	3	287	137	120	117	1592	0	238	1157	182
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	1.00	1.00	1.00
Lanes:	2.00	1.00	1.00	1.00	1.07	0.93	1.00	3.00	1.00	1.00	3.46	0.54
Final Sat.:	3000	1650	1650	1650	1759	1541	1650	4950	1650	1650	5703	897
Capacity Analysis Module:												
Vol/Sat:	0.21	0.18	0.00	0.17	0.08	0.08	0.07	0.32	0.00	0.14	0.20	0.20
Crit Vol:		292		287				531		238		
Crit Moves:		****		****				****		****		

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

Intersection #5 Alcosta/Crow

Cycle (sec):	100	Critical Vol./Cap.(X):	0.718
Loss Time (sec):	0 (Y+R=4.0 sec)	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	81	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	0 0	1	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:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	498	0	623	0	0	0	0	1581	261	318	915	0
Added Vol:	0	0	52	0	0	0	0	100	0	22	84	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	498	0	675	0	0	0	0	1681	261	340	999	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:	498	0	675	0	0	0	0	1681	261	340	999	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	498	0	675	0	0	0	0	1681	261	340	999	0
RTOR Reduct:	0	0	187	0	0	0	0	0	261	0	0	0
RTOR Vol:	498	0	488	0	0	0	0	1681	0	340	999	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.:	498	0	488	0	0	0	0	1681	0	340	999	0
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	0.91	1.00	1.00
Lanes:	2.00	0.00	1.00	0.00	0.00	0.00	0.00	3.00	1.00	2.00	3.00	0.00
Final Sat.:	3127	0	1720	0	0	0	0	5160	1720	3127	5160	0
Capacity Analysis Module:												
Vol/Sat:	0.16	0.00	0.28	0.00	0.00	0.00	0.00	0.33	0.00	0.11	0.19	0.00
Crit Vol:			488	0				560		170		
Crit Moves:			****					****		****		

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

Intersection #6 Camino Ramon/Norris

Cycle (sec):	100	Critical Vol./Cap.(X):	0.670
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:	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:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	132	864	101	136	386	112	200	282	78	49	342	77
Added Vol:	23	255	0	0	197	0	0	0	16	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	155	1119	101	136	583	112	200	282	94	49	342	77
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	1119	101	136	583	112	200	282	94	49	342	77
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	155	1119	101	136	583	112	200	282	94	49	342	77
RTOR Reduct:	0	0	49	0	0	0	0	0	0	0	0	0
RTOR Vol:	155	1119	52	136	583	112	200	282	94	49	342	77
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	1119	52	136	583	112	200	282	94	49	342	77
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	1.50	0.50	1.00	1.63	0.37
Final Sat.:	1650	3300	1650	1650	2768	532	1650	2475	825	1650	2694	606
Capacity Analysis Module:												
Vol/Sat:	0.09	0.34	0.03	0.08	0.21	0.21	0.12	0.11	0.11	0.03	0.13	0.13
Crit Vol:		560		136			200					210
Crit Moves:		****		****			****					****

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

Intersection #7 Camino Ramon/Executive

Cycle (sec):	100	Critical Vol./Cap.(X):	0.506
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:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	32	698	24	15	660	41	215	11	160	117	24	76
Added Vol:	5	277	0	0	213	0	0	0	5	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	37	975	24	15	873	41	215	11	165	117	24	76
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:	37	975	24	15	873	41	215	11	165	117	24	76
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	37	975	24	15	873	41	215	11	165	117	24	76
RTOR Reduct:	0	0	0	0	0	0	0	0	37	0	0	15
RTOR Vol:	37	975	24	15	873	41	215	11	128	117	24	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.:	37	975	24	15	873	41	215	11	128	117	24	61
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	1.95	0.05	1.00	1.91	0.09	0.95	0.05	1.00	0.83	0.17	1.00
Final Sat.:	1720	3357	83	1720	3286	154	1636	84	1720	1427	293	1720
Capacity Analysis Module:												
Vol/Sat:	0.02	0.29	0.29	0.01	0.27	0.27	0.13	0.13	0.07	0.08	0.08	0.04
Crit Vol:			500	15			215				141	
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): 0.586
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:	1 0	1 1	0	2 0	1 0	1	1 0	1 0	1	1 0	1 0	1
Volume Module:												
Base Vol:	0	373	12	320	49	596	115	2	79	144	7	110
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	373	12	320	49	596	115	2	79	144	7	110
Added Vol:	0	133	126	80	38	101	68	69	76	126	132	82
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	506	138	400	87	697	183	71	155	270	139	192
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	506	138	400	87	697	183	71	155	270	139	192
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	506	138	400	87	697	183	71	155	270	139	192
RTOR Reduct:	0	0	0	0	0	183	0	0	0	0	0	192
RTOR Vol:	0	506	138	400	87	514	183	71	155	270	139	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	506	138	400	87	514	183	71	155	270	139	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	0.91	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	1.00	1.57	0.43	2.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Sat.:	1650	2593	707	3000	1650	1650	1650	1650	1650	1650	1650	1650
Capacity Analysis Module:												
Vol/Sat:	0.00	0.20	0.20	0.13	0.05	0.31	0.11	0.04	0.09	0.16	0.08	0.00
Crit Vol:		322		200					155	270		
Crit Moves:		****		****					****	****		

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

Intersection #9 San Ramon/Bollinger

Cycle (sec):	100	Critical Vol./Cap.(X):	0.920
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	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	0	0	0	0	0	0	0	0	0	170
RTOR Vol:	89	431	507	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	507	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	1.00	1.00	2.00	1.83	0.17	1.00	1.42	0.58	2.00	2.00	1.00
Final Sat.:	3000	1650	1650	3000	3019	281	1650	2336	964	3000	3300	1650
Capacity Analysis Module:												
Vol/Sat:	0.03	0.26	0.31	0.10	0.14	0.14	0.01	0.15	0.15	0.36	0.18	0.02
Crit Vol:			507	155				252		536		
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): 0.637
Loss Time (sec): 0 (Y+R=4.0 sec) Average Delay (sec/veh): xxxxxx
Optimal Cycle: 51 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	817	21	344	0	1150	10	0	1260	1445
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:	5	0	101	817	21	344	0	1150	10	0	1260	1445
Added Vol:	0	0	0	123	0	0	0	81	0	0	121	375
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	5	0	101	940	21	344	0	1231	10	0	1381	1820
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	940	21	344	0	1231	10	0	1381	1820
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	5	0	101	940	21	344	0	1231	10	0	1381	1820
RTOR Reduct:	0	0	0	0	0	0	0	0	0	0	0	0
RTOR Vol:	5	0	101	940	21	344	0	1231	10	0	1381	1820
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	940	21	344	0	1231	10	0	1381	1820
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	1.96	0.04	2.00	0.00	3.97	0.03	0.00	3.00	1.00
Final Sat.:	81	0	1639	3059	75	3127	0	6825	55	0	5160	1720
Capacity Analysis Module:												
Vol/Sat:	0.06	0.00	0.06	0.31	0.28	0.11	0.00	0.18	0.18	0.00	0.27	1.06
Crit Vol:			106	480			0				460	
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):	0.883
Loss Time (sec):	0 (Y+R=4.0 sec)	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	159	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						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	2		0	0	0	0	0		0	0	3	0	1		0	0	3	0	1	
Volume Module:																								
Base Vol:	439		0		923		0		0		0		0	1305		248			0	2325		892		
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:	439		0		923		0		0		0		0	1305		248			0	2325		892		
Added Vol:	0		0		256		0		0		0		0	204		0			0	496		176		
PasserByVol:	0		0		0		0		0		0		0	0		0			0	0		0		
Initial Fut:	439		0		1179		0		0		0		0	1509		248			0	2821		1068		
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:	439		0		1179		0		0		0		0	1509		248			0	2821		1068		
Reduct Vol:	0		0		0		0		0		0		0	0		0			0	0		0		
Reduced Vol:	439		0		1179		0		0		0		0	1509		248			0	2821		1068		
RTOR Reduct:	0		0		0		0		0		0		0	0		0			0	0		0		
RTOR Vol:	439		0		1179		0		0		0		0	1509		248			0	2821		1068		
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.:	439		0		1179		0		0		0		0	1509		248			0	2821		1068		
Saturation Flow Module:																								
Sat/Lane:	1800	1800			1800		1800	1800			1800		1800	1800		1800			1800	1800		1800		
Adjustment:	1.00	1.00			0.91		1.00	1.00			1.00		1.00	1.00		1.00			1.00	1.00		1.00		
Lanes:	1.00	0.00			2.00		0.00	0.00			0.00		0.00	3.00		1.00			0.00	3.00		1.00		
Final Sat.:	1800		0		3272		0		0		0		0	5400		1800			0	5400		1800		
Capacity Analysis Module:																								
Vol/Sat:	0.24	0.00			0.36		0.00	0.00			0.00		0.00	0.28		0.14			0.00	0.52		0.59		
Crit Vol:					590				0				0							940				
Crit Moves:					****								****							****				

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

Intersection #12 Sunset/Bollinger

Cycle (sec):	100	Critical Vol./Cap.(X):	1.058
Loss Time (sec):	0 (Y+R=4.0 sec)	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	180	Level Of Service:	F

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	2	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	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:	494	35	99	205	13	1478	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	1478	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	1115	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	1115	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	0.91	0.91	1.00	1.00	1.00	1.00	1.00
Lanes:	1.87	0.13	1.00	0.94	0.06	2.00	2.00	3.00	1.00	1.00	4.00	1.00
Final Sat.:	2801	218	1650	1552	98	3000	3000	4950	1650	1650	6600	1650
Capacity Analysis Module:												
Vol/Sat:	0.18	0.16	0.04	0.13	0.13	0.37	0.22	0.42	0.00	0.02	0.29	0.04
Crit Vol:	264					558	330				478	
Crit Moves:	****					****	****				****	

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

Intersection #13 Camino Ramon/Bollinger

Cycle (sec):	100	Critical Vol./Cap.(X):	0.698
Loss Time (sec):	0 (Y+R=4.0 sec)	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	76	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		1 0 1	0 1		2 0 3	0 1		1 0 3	1 0	
Volume Module:												
Base Vol:	347	34	36	207	18	121	350	1868	18	12	1058	11
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:	347	34	36	207	18	121	350	1868	18	12	1058	11
Added Vol:	285	113	107	114	30	92	102	117	77	30	299	52
Prj. I (Fle:	0	0	0	0	0	0	29	-59	0	0	-24	24
Initial Fut:	632	147	143	321	48	213	481	1926	95	42	1333	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:	632	147	143	321	48	213	481	1926	95	42	1333	87
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	632	147	143	321	48	213	481	1926	95	42	1333	87
RTOR Reduct:	0	0	42	0	0	213	0	0	95	0	0	0
RTOR Vol:	632	147	101	321	48	0	481	1926	0	42	1333	87
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.:	632	147	101	321	48	0	481	1926	0	42	1333	87
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:	2.00	1.00	1.00	1.00	1.00	1.00	2.00	3.00	1.00	1.00	3.75	0.25
Final Sat.:	3000	1650	1650	1650	1650	1650	3000	4950	1650	1650	6196	404
Capacity Analysis Module:												
Vol/Sat:	0.21	0.09	0.06	0.19	0.03	0.00	0.16	0.39	0.00	0.03	0.22	0.22
Crit Vol:		147		321				642		42		
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):	0.831
Loss Time (sec):	0 (Y+R=4.0 sec)	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	135	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:	1 0	0 1	0	2 0	0 1	0	1 0	2 1	0	1 0	3 0	1
Volume Module:												
Base Vol:	150	0	50	311	0	0	0	1989	0	50	1062	88
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:	150	0	50	311	0	0	0	1989	0	50	1062	88
Added Vol:	196	0	179	195	0	39	45	251	41	41	146	248
Prj. I (Fle:	0	0	0	59	0	24	0	-59	0	0	-24	24
Initial Fut:	346	0	229	565	0	63	45	2181	41	91	1184	360
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:	346	0	229	565	0	63	45	2181	41	91	1184	360
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	346	0	229	565	0	63	45	2181	41	91	1184	360
RTOR Reduct:	0	0	0	0	0	0	0	0	0	0	0	311
RTOR Vol:	346	0	229	565	0	63	45	2181	41	91	1184	49
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.:	346	0	229	565	0	63	45	2181	41	91	1184	49
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	0.00	1.00	2.00	0.00	1.00	1.00	2.94	0.06	1.00	3.00	1.00
Final Sat.:	1650	0	1650	3000	0	1650	1650	4859	91	1650	4950	1650
Capacity Analysis Module:												
Vol/Sat:	0.21	0.00	0.14	0.19	0.00	0.04	0.03	0.45	0.45	0.06	0.24	0.03
Crit Vol:			229	283					741	91		
Crit Moves:			****	****					****	****		