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

Intersection #12 Sunset/Bollinger

Cycle (sec):	100	Critical Vol./Cap.(X):	0.854
Loss Time (sec):	0 (Y+R=4.0 sec)	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	156	Level Of Service:	D

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Control:	Split Phase			Split Phase			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Lanes:	2 0 0 1 0			0 1 0 0 2			2 0 4 0 1			2 0 4 0 1		
Volume Module:												
Base Vol:	495	35	108	142	13	900	420	2291	53	28	2150	140
Growth Adj:	1.00	1.09	1.00	1.00	1.09	1.00	1.00	1.00	1.00	1.23	1.00	1.23
Initial Bse:	495	38	108	142	14	900	420	2291	53	35	2150	173
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:	495	38	108	142	14	900	420	2291	53	35	2150	173
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:	495	38	108	142	14	900	420	2291	53	35	2150	173
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	495	38	108	142	14	900	420	2291	53	35	2150	173
RTOR Reduct:	0	0	0	0	0	231	0	0	53	0	0	142
RTOR Vol:	495	38	108	142	14	669	420	2291	0	35	2150	31
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.:	495	38	108	142	14	669	420	2291	0	35	2150	31
Saturation Flow Module:												
Sat/Lane:	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650
Adjustment:	0.91	1.00	1.00	1.00	1.00	0.91	0.91	1.00	1.00	0.91	1.00	1.00
Lanes:	2.00	0.26	0.74	0.91	0.09	2.00	2.00	4.00	1.00	2.00	4.00	1.00
Final Sat.:	3000	430	1220	1501	149	3000	3000	6600	1650	3000	6600	1650
Capacity Analysis Module:												
Vol/Sat:	0.17	0.09	0.09	0.09	0.09	0.22	0.14	0.35	0.00	0.01	0.33	0.02
Crit Vol:	248					335	210				538	
Crit Moves:	****					****	****				****	

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

Intersection #13 Camino Ramon/Bollinger

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

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Protected			Protected			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Lanes:	1 0	1 0	1	2 0	0 1	1	2 0	4 0	1	2 0	4 0	1
Volume Module:												
Base Vol:	347	34	36	518	18	606	380	2151	22	12	1197	146
Growth Adj:	1.00	1.09	1.09	1.09	1.09	1.00	1.00	1.00	1.00	1.23	1.00	1.23
Initial Bse:	347	37	39	564	20	606	380	2151	22	15	1197	180
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	37	39	564	20	606	380	2151	22	15	1197	180
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	37	39	564	20	606	380	2151	22	15	1197	180
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	347	37	39	564	20	606	380	2151	22	15	1197	180
RTOR Reduct:	0	0	8	0	0	209	0	0	22	0	0	180
RTOR Vol:	347	37	31	564	20	397	380	2151	0	15	1197	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.:	347	37	31	564	20	397	380	2151	0	15	1197	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	0.91	0.91	1.00	1.00	0.91	1.00	1.00
Lanes:	1.00	1.00	1.00	2.00	0.09	1.91	2.00	4.00	1.00	2.00	4.00	1.00
Final Sat.:	1650	1650	1650	3000	155	2859	3000	6600	1650	3000	6600	1650
Capacity Analysis Module:												
Vol/Sat:	0.21	0.02	0.02	0.19	0.13	0.14	0.13	0.33	0.00	0.00	0.18	0.00
Crit Vol:	347					208		538		7		
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):	0.527
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:	0 1	0 0	1	1 0	0 1	0	2 0	3 1	0	2 0	3 1	0
Volume Module:												
Base Vol:	150	0	50	0	0	0	0	2300	0	50	1150	0
Growth Adj:	1.09	1.09	1.09	1.00	1.00	1.00	1.23	1.23	1.23	1.23	1.23	1.23
Initial Bse:	163	0	54	0	0	0	0	2836	0	62	1418	0
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	163	0	54	0	0	0	0	2836	0	62	1418	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	163	0	54	0	0	0	0	2836	0	62	1418	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	163	0	54	0	0	0	0	2836	0	62	1418	0
RTOR Reduct:	0	0	34	0	0	0	0	0	0	0	0	0
RTOR Vol:	163	0	20	0	0	0	0	2836	0	62	1418	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Vol.:	163	0	20	0	0	0	0	2836	0	62	1418	0
Saturation Flow Module:												
Sat/Lane:	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	0.91	1.00	1.00	0.91	1.00	1.00
Lanes:	1.00	0.00	1.00	1.00	1.00	0.00	2.00	4.00	0.00	2.00	4.00	0.00
Final Sat.:	1720	0	1720	1720	1720	0	3127	6880	0	3127	6880	0
Capacity Analysis Module:												
Vol/Sat:	0.09	0.00	0.01	0.00	0.00	0.00	0.00	0.41	0.00	0.02	0.21	0.00
Crit Vol:	163				0			709		31		
Crit Moves:	****							****		****		

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

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Intersection #15 Market/Bollinger Drive

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Cycle (sec):	100	Critical Vol./Cap.(X):	0.530
Loss Time (sec):	0 (Y+R=4.0 sec)	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	48	Level Of Service:	A

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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			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Lanes:	1 1	0 0	1	1 0	0 1	0	2 0	4 0	1	2 0	3 1	0
Volume Module:												
Base Vol:	395	2	136	13	5	12	37	1912	460	42	824	8
Growth Adj:	1.09	1.09	1.09	1.09	1.09	1.09	1.23	1.23	1.23	1.23	1.23	1.23
Initial Bse:	430	2	148	14	5	13	46	2357	567	52	1016	10
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:	430	2	148	14	5	13	46	2357	567	52	1016	10
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:	430	2	148	14	5	13	46	2357	567	52	1016	10
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	430	2	148	14	5	13	46	2357	567	52	1016	10
RTOR Reduct:	0	0	28	0	0	0	0	0	236	0	0	0
RTOR Vol:	430	2	119	14	5	13	46	2357	331	52	1016	10
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.:	430	2	119	14	5	13	46	2357	331	52	1016	10
Saturation Flow Module:												
Sat/Lane:	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650
Adjustment:	0.91	1.00	1.00	1.00	1.00	1.00	0.91	1.00	1.00	0.91	1.00	1.00
Lanes:	1.99	0.01	1.00	1.00	0.29	0.71	2.00	4.00	1.00	2.00	3.96	0.04
Final Sat.:	2985	17	1650	1650	485	1165	3000	6600	1650	3000	6537	63
Capacity Analysis Module:												
Vol/Sat:	0.14	0.13	0.07	0.01	0.01	0.01	0.02	0.36	0.20	0.02	0.16	0.16
Crit Vol:	216					18		589		26		
Crit Moves:	****					****		****		****		

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

Intersection #16 Alcosta/Bollinger

Cycle (sec): 100 Critical Vol./Cap.(X): 0.745
Loss Time (sec): 0 (Y+R=4.0 sec) Average Delay (sec/veh): xxxxxx
Optimal Cycle: 89 Level Of Service: C

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Protected			Protected			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Lanes:	2 0	1 1	0	2 0	2 0	1	2 0	3 0	1	2 0	3 0	1
Volume Module:												
Base Vol:	154	411	127	239	404	165	260	1450	338	218	651	165
Growth Adj:	1.21	1.21	1.21	1.21	1.21	1.21	1.23	1.23	1.23	1.23	1.23	1.23
Initial Bse:	187	499	154	290	490	200	321	1788	417	269	803	203
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:	187	499	154	290	490	200	321	1788	417	269	803	203
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:	187	499	154	290	490	200	321	1788	417	269	803	203
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	187	499	154	290	490	200	321	1788	417	269	803	203
RTOR Reduct:	0	0	0	0	0	176	0	0	103	0	0	159
RTOR Vol:	187	499	154	290	490	24	321	1788	314	269	803	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.:	187	499	154	290	490	24	321	1788	314	269	803	44
Saturation Flow Module:												
Sat/Lane:	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650
Adjustment:	0.91	1.00	1.00	0.91	1.00	1.00	0.91	1.00	1.00	0.91	1.00	1.00
Lanes:	2.00	1.53	0.47	2.00	2.00	1.00	2.00	3.00	1.00	2.00	3.00	1.00
Final Sat.:	3000	2521	779	3000	3300	1650	3000	4950	1650	3000	4950	1650
Capacity Analysis Module:												
Vol/Sat:	0.06	0.20	0.20	0.10	0.15	0.01	0.11	0.36	0.19	0.09	0.16	0.03
Crit Vol:			326	145				596		134		
Crit Moves:			****	****				****		****		

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

Intersection #17 Alcosta/Norris

Cycle (sec): 100 Critical Vol./Cap.(X): 0.523
Loss Time (sec): 0 (Y+R=4.0 sec) Average Delay (sec/veh): xxxxxx
Optimal Cycle: 48 Level Of Service: A

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Control:	Protected			Protected			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Lanes:	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:	1.21	1.21	1.21	1.21	1.21	1.21	1.21	1.21	1.21	1.21	1.21	1.21
Initial Bse:	152	665	42	92	432	154	454	93	192	53	167	169
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:	152	665	42	92	432	154	454	93	192	53	167	169
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	665	42	92	432	154	454	93	192	53	167	169
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	152	665	42	92	432	154	454	93	192	53	167	169
RTOR Reduct:	0	0	0	0	0	154	0	0	152	0	0	92
RTOR Vol:	152	665	42	92	432	0	454	93	40	53	167	76
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Vol.:	152	665	42	92	432	0	454	93	40	53	167	76
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:	0.09	0.21	0.21	0.06	0.13	0.00	0.15	0.06	0.02	0.03	0.10	0.05
Crit Vol:		354		92			227				167	
Crit Moves:		****		****			****				****	

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

Intersection #18 San Ramon/Norris

Cycle (sec): 100 Critical Vol./Cap.(X): 0.662
Loss Time (sec): 0 (Y+R=4.0 sec) Average Delay (sec/veh): xxxxxx
Optimal Cycle: 67 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	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:	1.21	1.21	1.21	1.21	1.21	1.21	1.21	1.21	1.21	1.21	1.21	1.21
Initial Bse:	121	364	121	182	364	121	121	243	121	303	607	425
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:	121	364	121	182	364	121	121	243	121	303	607	425
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:	121	364	121	182	364	121	121	243	121	303	607	425
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	121	364	121	182	364	121	121	243	121	303	607	425
RTOR Reduct:	0	0	121	0	0	0	0	0	0	0	0	100
RTOR Vol:	121	364	0	182	364	121	121	243	121	303	607	324
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.:	121	364	0	182	364	121	121	243	121	303	607	324
Saturation Flow Module:												
Sat/Lane:	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650
Adjustment:	1.00	1.00	1.00	0.91	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	1.00	2.00	1.00	2.00	1.50	0.50	1.00	1.33	0.67	1.00	1.00	1.00
Final Sat.:	1650	3300	1650	3000	2475	825	1650	2200	1100	1650	1650	1650
Capacity Analysis Module:												
Vol/Sat:	0.07	0.11	0.00	0.06	0.15	0.15	0.07	0.11	0.11	0.18	0.37	0.20
Crit Vol:	121				243		121				607	
Crit Moves:	****				****		****				****	

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

Intersection #19 Bollinger/Crow

Cycle (sec):	100	Critical Vol./Cap.(X):	0.548
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:	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:	1.23	1.23	1.23	1.23	1.23	1.23	1.21	1.21	1.21	1.21	1.21	1.21
Initial Bse:	223	39	64	37	44	10	19	1001	172	109	1218	35
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:	223	39	64	37	44	10	19	1001	172	109	1218	35
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:	223	39	64	37	44	10	19	1001	172	109	1218	35
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	223	39	64	37	44	10	19	1001	172	109	1218	35
RTOR Reduct:	0	0	64	0	0	0	0	0	172	0	0	35
RTOR Vol:	223	39	0	37	44	10	19	1001	0	109	1218	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.:	223	39	0	37	44	10	19	1001	0	109	1218	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:	0.13	0.02	0.00	0.05	0.05	0.05	0.01	0.29	0.00	0.06	0.35	0.00
Crit Vol:	223				91		19				609	
Crit Moves:	****				****		****				****	

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

Intersection #20 Dougherty/Bollinger

Cycle (sec):	100	Critical Vol./Cap.(X):	0.628
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	3 0	1	2 0	3 0	1	2 0	3 0	1	2 0	3 0	1
Volume Module:												
Base Vol:	127	985	164	346	560	354	468	1092	193	115	469	451
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:	127	985	164	346	560	354	468	1092	193	115	469	451
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:	127	985	164	346	560	354	468	1092	193	115	469	451
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:	127	985	164	346	560	354	468	1092	193	115	469	451
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	127	985	164	346	560	354	468	1092	193	115	469	451
RTOR Reduct:	0	0	63	0	0	257	0	0	70	0	0	190
RTOR Vol:	127	985	101	346	560	97	468	1092	123	115	469	261
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.:	127	985	101	346	560	97	468	1092	123	115	469	261
Saturation Flow Module:												
Sat/Lane:	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650
Adjustment:	0.91	1.00	1.00	0.91	1.00	1.00	0.91	1.00	1.00	0.91	1.00	1.00
Lanes:	2.00	3.00	1.00	2.00	3.00	1.00	2.00	3.00	1.00	2.00	3.00	1.00
Final Sat.:	3000	4950	1650	3000	4950	1650	3000	4950	1650	3000	4950	1650
Capacity Analysis Module:												
Vol/Sat:	0.04	0.20	0.06	0.12	0.11	0.06	0.16	0.22	0.07	0.04	0.09	0.16
Crit Vol:		328		173			234					261
Crit Moves:		****		****			****					****

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

Intersection #21 San Ramon/Montevideo

Cycle (sec):	100	Critical Vol./Cap.(X):	0.881
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:	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	583	946	0	0	0	0	172	0	643
Growth Adj:	1.22	1.22	1.22	1.18	1.26	1.22	1.22	1.22	1.22	1.09	1.22	1.22
Initial Bse:	0	859	421	688	1188	0	0	0	0	187	0	784
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	859	421	688	1188	0	0	0	0	187	0	784
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	859	421	688	1188	0	0	0	0	187	0	784
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	859	421	688	1188	0	0	0	0	187	0	784
RTOR Reduct:	0	0	0	0	0	0	0	0	0	0	0	688
RTOR Vol:	0	859	421	688	1188	0	0	0	0	187	0	96
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	859	421	688	1188	0	0	0	0	187	0	96
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	0.37	0.37	0.40	0.35	0.00	0.00	0.00	0.00	0.11	0.00	0.06
Crit Vol:			640	688				0		187		
Crit Moves:			****	****						****		

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

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Intersection #22 Alcosts/Montevideo

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Cycle (sec):	100	Critical Vol./Cap.(X):	0.345
Loss Time (sec):	0 (Y+R=4.0 sec)	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	35	Level Of Service:	A

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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:	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:	1.21	1.21	1.21	1.21	1.21	1.21	1.22	1.22	1.22	1.22	1.22	1.22
Initial Bse:	80	318	0	0	747	255	139	0	52	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:	80	318	0	0	747	255	139	0	52	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:	80	318	0	0	747	255	139	0	52	0	0	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	80	318	0	0	747	255	139	0	52	0	0	0
RTOR Reduct:	0	0	0	0	0	139	0	0	52	0	0	0
RTOR Vol:	80	318	0	0	747	116	139	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.:	80	318	0	0	747	116	139	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:	0.05	0.09	0.00	0.00	0.22	0.07	0.08	0.00	0.00	0.00	0.00	0.00
Crit Vol:	80				374		139				0	
Crit Moves:	****				****		****					

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

Intersection #23 Dougherty/Crow

Cycle (sec): 100 Critical Vol./Cap.(X): 0.546
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:	Ignore			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Lanes:	2 0 0 0 2			0 0 0 0 0			0 0 3 0 1			2 0 2 0 0		
Volume Module:												
Base Vol:	135	0	811	0	0	0	0	1195	137	547	541	0
Growth Adj:	1.23	1.23	1.23	1.23	1.23	1.23	1.21	1.21	1.21	1.21	1.21	1.21
Initial Bse:	166	0	1000	0	0	0	0	1450	166	664	656	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:	166	0	1000	0	0	0	0	1450	166	664	656	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:	166	0	1000	0	0	0	0	1450	166	664	656	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	166	0	1000	0	0	0	0	1450	166	664	656	0
RTOR Reduct:	0	0	0	0	0	0	0	0	92	0	0	0
RTOR Vol:	166	0	1000	0	0	0	0	1450	75	664	656	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.:	166	0	1000	0	0	0	0	1450	75	664	656	0
Saturation Flow Module:												
Sat/Lane:	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720
Adjustment:	0.91	1.00	0.91	1.00	1.00	1.00	1.00	1.00	1.00	0.91	1.00	1.00
Lanes:	2.00	0.00	2.00	0.00	0.00	0.00	0.00	3.00	1.00	2.00	2.00	0.00
Final Sat.:	3127	0	3127	0	0	0	0	5160	1720	3127	3440	0
Capacity Analysis Module:												
Vol/Sat:	0.05	0.00	0.32	0.00	0.00	0.00	0.00	0.28	0.04	0.21	0.19	0.00
Crit Vol:	83				0			483		332		
Crit Moves:	****							****		****		

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

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Intersection #24 Alcosta/Old Ranch

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Cycle (sec): 100 Critical Vol./Cap.(X): 0.310
Loss Time (sec): 0 (Y+R=4.0 sec) Average Delay (sec/veh): xxxxxx
Optimal Cycle: 33 Level Of Service: A

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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:	Protected			Protected			Split Phase			Split Phase		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Lanes:	1 0	1 1	0	1 0	1 1	0	1 0	1 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:	1.21	1.21	1.21	1.21	1.21	1.21	1.24	1.24	1.24	1.24	1.24	1.24
Initial Bse:	2	257	195	199	294	1	1	0	0	157	1	217
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	257	195	199	294	1	1	0	0	157	1	217
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	257	195	199	294	1	1	0	0	157	1	217
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	2	257	195	199	294	1	1	0	0	157	1	217
RTOR Reduct:	0	0	0	0	0	0	0	0	0	0	0	199
RTOR Vol:	2	257	195	199	294	1	1	0	0	157	1	18
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	257	195	199	294	1	1	0	0	157	1	18
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	0.13	1.87
Final Sat.:	1650	1876	1424	1650	3286	14	3000	0	0	3000	207	2811
Capacity Analysis Module:												
Vol/Sat:	0.00	0.14	0.14	0.12	0.09	0.09	0.00	0.00	0.00	0.05	0.01	0.01
Crit Vol:			226	199			1			78		
Crit Moves:			****	****			****			****		

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

Intersection #25 Doughert/Old Ranch

Cycle (sec):	100	Critical Vol./Cap.(X):	0.369
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	3 0	0	0 0	2 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:	1.23	1.23	1.23	1.23	1.23	1.23	1.24	1.24	1.24	1.24	1.24	1.24
Initial Bse:	286	1297	0	0	609	58	126	0	148	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:	286	1297	0	0	609	58	126	0	148	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:	286	1297	0	0	609	58	126	0	148	0	0	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	286	1297	0	0	609	58	126	0	148	0	0	0
RTOR Reduct:	0	0	0	0	0	0	0	0	148	0	0	0
RTOR Vol:	286	1297	0	0	609	58	126	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.:	286	1297	0	0	609	58	126	0	0	0	0	0
Saturation Flow Module:												
Sat/Lane:	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.91	1.00	1.00	1.00
Lanes:	1.00	3.00	0.00	0.00	2.74	0.26	1.00	0.00	2.00	0.00	0.00	0.00
Final Sat.:	1720	5160	0	0	4712	448	1720	0	3127	0	0	0
Capacity Analysis Module:												
Vol/Sat:	0.17	0.25	0.00	0.00	0.13	0.13	0.07	0.00	0.00	0.00	0.00	0.00
Crit Vol:	286					222	126				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):	0.413
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			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:	1.09	1.09	1.09	1.09	1.09	1.09	1.09	1.09	1.09	1.09	1.09	1.09
Initial Bse:	272	218	54	27	626	82	54	16	190	109	27	16
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:	272	218	54	27	626	82	54	16	190	109	27	16
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:	272	218	54	27	626	82	54	16	190	109	27	16
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	272	218	54	27	626	82	54	16	190	109	27	16
RTOR Reduct:	0	0	0	0	0	0	0	0	150	0	0	0
RTOR Vol:	272	218	54	27	626	82	54	16	41	109	27	16
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.:	272	218	54	27	626	82	54	16	41	109	27	16
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:	0.09	0.08	0.08	0.02	0.21	0.21	0.04	0.04	0.02	0.09	0.09	0.09
Crit Vol:	136				354		54					152
Crit Moves:	****				****		****					****

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

Intersection #27 Bishop Drive/Sunset

Cycle (sec):	100	Critical Vol./Cap.(X):	0.511
Loss Time (sec):	0 (Y+R=4.0 sec)	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	47	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:	1.09	1.09	1.09	1.09	1.09	1.09	1.09	1.09	1.09	1.09	1.09	1.09
Initial Bse:	152	54	82	22	354	27	16	109	272	109	54	22
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:	152	54	82	22	354	27	16	109	272	109	54	22
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	54	82	22	354	27	16	109	272	109	54	22
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	152	54	82	22	354	27	16	109	272	109	54	22
RTOR Reduct:	0	0	0	0	0	0	0	0	0	0	0	0
RTOR Vol:	152	54	82	22	354	27	16	109	272	109	54	22
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	54	82	22	354	27	16	109	272	109	54	22
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:	0.09	0.08	0.09	0.12	0.12	0.12	0.01	0.23	0.23	0.07	0.05	0.05
Crit Vol:	152					201		381		109		
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):	0.489
Loss Time (sec):	0 (Y+R=4.0 sec)	Average Delay (sec/veh):	12.0
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:	1.23	1.23	1.23	1.23	1.23	1.23	1.21	1.21	1.21	1.21	1.21	1.21
Initial Bse:	89	243	73	85	263	25	7	102	177	44	96	53
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	243	73	85	263	25	7	102	177	44	96	53
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	243	73	85	263	25	7	102	177	44	96	53
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	89	243	73	85	263	25	7	102	177	44	96	53
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	243	73	85	263	25	7	102	177	44	96	53
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.:	495	833	258	491	972	92	15	208	362	121	266	148
Capacity Analysis Module:												
Vol/Sat:	0.18	0.29	0.28	0.17	0.27	0.27	0.49	0.49	0.49	0.36	0.36	0.36
Crit Moves:		****			****			****			****	
Delay/Veh:	11.1	11.5	11.1	11.1	11.4	11.2	13.7	13.7	13.7	12.3	12.3	12.3
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:	11.1	11.5	11.1	11.1	11.4	11.2	13.7	13.7	13.7	12.3	12.3	12.3
LOS by Move:	B	B	B	B	B	B	B	B	B	B	B	B
ApproachDel:		11.3			11.3			13.7			12.3	
Delay Adj:		1.00			1.00			1.00			1.00	
ApprAdjDel:		11.3			11.3			13.7			12.3	
LOS by Appr:		B			B			B			B	
AllWayAvgQ:	0.2	0.4	0.3	0.2	0.3	0.3	0.8	0.8	0.8	0.5	0.5	0.5

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): 0.504
Loss Time (sec): 0 (Y+R=4.0 sec) Average Delay (sec/veh): xxxxxx
Optimal Cycle: 46 Level Of Service: A

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Split Phase			Split Phase			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Lanes:	1 0 0 1 0			0 1 0 0 1			1 0 3 0 1			1 0 2 1 0		
Volume Module:												
Base Vol:	52	6	6	90	7	173	301	1402	107	24	638	89
Growth Adj:	1.09	1.09	1.09	1.09	1.09	1.09	1.23	1.23	1.23	1.23	1.23	1.23
Initial Bse:	57	7	7	98	8	188	371	1729	132	30	787	110
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	57	7	7	98	8	188	371	1729	132	30	787	110
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	57	7	7	98	8	188	371	1729	132	30	787	110
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	57	7	7	98	8	188	371	1729	132	30	787	110
RTOR Reduct:	0	0	0	0	0	188	0	0	57	0	0	0
RTOR Vol:	57	7	7	98	8	0	371	1729	75	30	787	110
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Vol.:	57	7	7	98	8	0	371	1729	75	30	787	110
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	0.50	0.50	0.93	0.07	1.00	1.00	3.00	1.00	1.00	2.63	0.37
Final Sat.:	1650	825	825	1531	119	1650	1650	4950	1650	1650	4344	606
Capacity Analysis Module:												
Vol/Sat:	0.03	0.01	0.01	0.06	0.06	0.00	0.22	0.35	0.05	0.02	0.18	0.18
Crit Vol:	57				106		371					299
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

2020 + Project

Scenario Report

Scenario:	AM 2020 + Flex Retail
Command:	Default Command
Volume:	AM 2020 + Project Network
Geometry:	2020 + Proj
Impact Fee:	Default Impact Fee
Trip Generation:	AM PRJ 2020 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	B	xxxxx	0.613	B	xxxxx	0.617	+ 0.004
# 2 680 SB OFF/Crow	A	xxxxx	0.557	A	xxxxx	0.560	+ 0.003
# 3 680 NB ON/Crow	A	xxxxx	0.598	B	xxxxx	0.608	+ 0.010
# 4 Camino Ramon/Crow	A	xxxxx	0.586	B	xxxxx	0.624	+ 0.038
# 5 Alcosta/Crow	A	xxxxx	0.526	A	xxxxx	0.535	+ 0.009
# 6 Camino Ramon/Norris	A	xxxxx	0.558	A	xxxxx	0.583	+ 0.025
# 7 Camino Ramon/Executive	A	xxxxx	0.430	A	xxxxx	0.454	+ 0.023
# 8 Camino Ramon/Bishop Drive	A	xxxxx	0.492	A	xxxxx	0.532	+ 0.040
# 9 San Ramon/Bollinger	C	xxxxx	0.750	C	xxxxx	0.763	+ 0.014
# 10 680 SB OFF/Bollinger	A	xxxxx	0.565	A	xxxxx	0.593	+ 0.029
# 11 680 NB OFF/Bollinger	C	xxxxx	0.765	D	xxxxx	0.818	+ 0.052
# 12 Sunset/Bollinger	C	xxxxx	0.793	D	xxxxx	0.804	+ 0.012
# 13 Camino Ramon/Bollinger	B	xxxxx	0.628	B	xxxxx	0.693	+ 0.065
# 14 Bishop 2 Drive/Bollinger	A	xxxxx	0.348	A	xxxxx	0.385	+ 0.038
# 15 Market/Bollinger Drive	A	xxxxx	0.430	A	xxxxx	0.463	+ 0.033
# 16 Alcosta/Bollinger	B	xxxxx	0.665	C	xxxxx	0.712	+ 0.047
# 17 Alcosta/Norris	A	xxxxx	0.476	A	xxxxx	0.485	+ 0.009
# 18 San Ramon/Norris	A	xxxxx	0.600	B	xxxxx	0.603	+ 0.003
# 19 Bollinger/Crow	A	xxxxx	0.552	A	xxxxx	0.566	+ 0.014
# 20 Dougherty/Bollinger	B	xxxxx	0.613	B	xxxxx	0.634	+ 0.021
# 21 San Ramon/Montevideo	B	xxxxx	0.694	B	xxxxx	0.697	+ 0.003
# 22 Alcosts/Montevideo	A	xxxxx	0.327	A	xxxxx	0.355	+ 0.028
# 23 Dougherty/Crow	A	xxxxx	0.495	A	xxxxx	0.504	+ 0.009
# 24 Alcosta/Old Ranch	A	xxxxx	0.365	A	xxxxx	0.375	+ 0.010
# 25 Doughert/Old Ranch	A	xxxxx	0.584	A	xxxxx	0.592	+ 0.008

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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	0.223	A	xxxxx	0.234	+ 0.011 V/C
# 27 Bishop Drive/Sunset	A	xxxxx	0.416	A	xxxxx	0.438	+ 0.022 V/C
# 28 Bollinger Canyon/Norris Canyon	E	44.0	1.130	E	48.1	1.166	+ 0.036 V/C
# 29 Bollinger/Canyon Lakes	A	xxxxx	0.586	B	xxxxx	0.611	+ 0.025 V/C
# 30 Camino Ramon/Center Street	A	xxxxx	0.262	A	xxxxx	0.308	+ 0.046 V/C

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

Intersection #1 San Ramon/Crow

Cycle (sec):	100	Critical Vol./Cap.(X):	0.617
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:	2 0	2 0	1	2 0	2 0	1	2 0	3 0	1	2 0	3 0	1
Volume Module:												
Base Vol:	91	238	450	390	225	131	171	1040	124	530	1350	490
Growth Adj:	1.23	1.23	1.00	1.00	1.23	1.23	1.21	1.00	1.21	1.00	1.00	1.00
Initial Bse:	111	292	450	390	276	160	206	1040	149	530	1350	490
Added Vol:	0	5	0	0	13	0	0	22	0	0	13	2
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	111	297	450	390	289	160	206	1062	149	530	1363	492
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	111	297	450	390	289	160	206	1062	149	530	1363	492
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	111	297	450	390	289	160	206	1062	149	530	1363	492
RTOR Reduct:	0	0	292	0	0	113	0	0	61	0	0	215
RTOR Vol:	111	297	159	390	289	47	206	1062	88	530	1363	278
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Vol.:	111	297	159	390	289	47	206	1062	88	530	1363	278
Saturation Flow Module:												
Sat/Lane:	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650
Adjustment:	0.91	1.00	1.00	0.91	1.00	1.00	0.91	1.00	1.00	0.91	1.00	1.00
Lanes:	2.00	2.00	1.00	2.00	2.00	1.00	2.00	3.00	1.00	2.00	3.00	1.00
Final Sat.:	3000	3300	1650	3000	3300	1650	3000	4950	1650	3000	4950	1650
Capacity Analysis Module:												
Vol/Sat:	0.04	0.09	0.10	0.13	0.09	0.03	0.07	0.21	0.05	0.18	0.28	0.17
Crit Vol:			159	195				354		265		
Crit Moves:			****	****				****		****		

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

Intersection #2 680 SB OFF/Crow

Cycle (sec):	100	Critical Vol./Cap.(X):	0.560
Loss Time (sec):	0 (Y+R=4.0 sec)	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	42	Level Of Service:	A

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Split Phase			Split Phase			Permitted			Permitted		
Rights:	Include			Include			Ignore			Ignore		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Lanes:	0 0	0 0	0	3 0	0 0	2	0 0	3 0	1	0 0	3 0	1
Volume Module:												
Base Vol:	0	0	0	1355	0	980	0	1125	755	0	1390	790
Growth Adj:	1.18	1.18	1.18	1.00	1.18	1.00	1.21	1.00	1.00	1.21	1.00	1.00
Initial Bse:	0	0	0	1355	0	980	0	1125	755	0	1390	790
Added Vol:	0	0	0	30	0	0	0	22	0	0	16	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	0	0	1385	0	980	0	1147	755	0	1406	790
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	0	0	1385	0	980	0	1147	755	0	1406	790
Reduct Vol;	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	0	0	1385	0	980	0	1147	755	0	1406	790
RTOR Reduct:	0	0	0	0	0	0	0	0	0	0	0	0
RTOR Vol:	0	0	0	1385	0	980	0	1147	755	0	1406	790
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Vol.:	0	0	0	1385	0	980	0	1147	755	0	1406	790
Saturation Flow Module:												
Sat/Lane:	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800
Adjustment:	1.00	1.00	1.00	0.87	1.00	0.91	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	0.00	0.00	0.00	3.00	0.00	2.00	0.00	3.00	1.00	0.00	3.00	1.00
Final Sat.:	0	0	0	4698	0	3272	0	5400	1800	0	5400	1800
Capacity Analysis Module:												
Vol/Sat:	0.00	0.00	0.00	0.29	0.00	0.30	0.00	0.21	0.42	0.00	0.26	0.44
Crit Vol:		0				490	0				469	
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):	0.608
Loss Time (sec):	0 (Y+R=4.0 sec)	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	47	Level Of Service:	B

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Split Phase			Split Phase			Permitted			Permitted		
Rights:	Include			Include			Ignore			Ignore		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Lanes:	2 0	0 0	2	0 0	0 0	0	0 0	3 0	1	0 0	3 1	1
Volume Module:												
Base Vol:	534	0	874	0	0	0	0	1530	950	0	1646	551
Growth Adj:	1.00	1.18	1.18	1.18	1.18	1.18	1.21	1.00	1.00	1.21	1.00	1.21
Initial Bse:	534	0	1030	0	0	0	0	1530	950	0	1646	664
Added Vol:	0	0	0	0	0	0	0	52	0	0	16	21
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	534	0	1030	0	0	0	0	1582	950	0	1662	685
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	534	0	1030	0	0	0	0	1582	950	0	1662	685
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	534	0	1030	0	0	0	0	1582	950	0	1662	685
RTOR Reduct:	0	0	0	0	0	0	0	0	0	0	0	0
RTOR Vol:	534	0	1030	0	0	0	0	1582	950	0	1662	685
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Vol.:	534	0	1030	0	0	0	0	1582	950	0	1662	685
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	0.91
Lanes:	2.00	0.00	2.00	0.00	0.00	0.00	0.00	3.00	1.00	0.00	3.54	1.46
Final Sat.:	3272	0	3272	0	0	0	0	5400	1800	0	6373	2388
Capacity Analysis Module:												
Vol/Sat:	0.16	0.00	0.31	0.00	0.00	0.00	0.00	0.29	0.53	0.00	0.26	0.29
Crit Vol:			515		0			527		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):	0.624
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	2 0	1 1	0	2 0	4 0	1	2 0	3 1	0
Volume Module:												
Base Vol:	109	61	57	126	126	68	184	1046	579	231	1560	204
Growth Adj:	1.21	1.21	1.21	1.21	1.21	1.21	1.21	1.21	1.21	1.21	1.21	1.21
Initial Bse:	131	74	69	152	152	82	222	1260	698	278	1880	246
Added Vol:	37	0	13	0	1	0	0	0	52	18	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	168	74	82	152	153	82	222	1260	750	296	1880	246
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	168	74	82	152	153	82	222	1260	750	296	1880	246
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	168	74	82	152	153	82	222	1260	750	296	1880	246
RTOR Reduct:	0	0	82	0	0	0	0	0	93	0	0	0
RTOR Vol:	168	74	0	152	153	82	222	1260	657	296	1880	246
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Vol.:	168	74	0	152	153	82	222	1260	657	296	1880	246
Saturation Flow Module:												
Sat/Lane:	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650
Adjustment:	0.91	1.00	1.00	0.91	1.00	1.00	0.91	1.00	1.00	0.91	1.00	1.00
Lanes:	2.00	1.00	1.00	2.00	1.30	0.70	2.00	4.00	1.00	2.00	3.54	0.46
Final Sat.:	3000	1650	1650	3000	2148	1152	3000	6600	1650	3000	5837	763
Capacity Analysis Module:												
Vol/Sat:	0.06	0.04	0.00	0.05	0.07	0.07	0.07	0.19	0.40	0.10	0.32	0.32
Crit Vol:	84				117				657	148		
Crit Moves:	****				****				****	****		

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

Intersection #5 Alcosta/Crow

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:	Split Phase			Split Phase			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Lanes:	2 0 0 0		2	0 0 0 0		0	0 0 3 0		1	2 0 3 0		0
Volume Module:												
Base Vol:	275	0	225	0	0	0	0	608	464	521	1653	0
Growth Adj:	1.24	1.24	1.24	1.24	1.24	1.24	1.21	1.21	1.21	1.21	1.21	1.21
Initial Bse:	341	0	279	0	0	0	0	733	559	628	1992	0
Added Vol:	0	0	6	0	0	0	0	13	0	29	18	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	341	0	285	0	0	0	0	746	559	657	2010	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	341	0	285	0	0	0	0	746	559	657	2010	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	341	0	285	0	0	0	0	746	559	657	2010	0
RTOR Reduct:	0	0	285	0	0	0	0	0	187	0	0	0
RTOR Vol:	341	0	0	0	0	0	0	746	372	657	2010	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Vol.:	341	0	0	0	0	0	0	746	372	657	2010	0
Saturation Flow Module:												
Sat/Lane:	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720
Adjustment:	0.91	1.00	0.91	1.00	1.00	1.00	1.00	1.00	1.00	0.91	1.00	1.00
Lanes:	2.00	0.00	2.00	0.00	0.00	0.00	0.00	3.00	1.00	2.00	3.00	0.00
Final Sat.:	3127	0	3127	0	0	0	0	5160	1720	3127	5160	0
Capacity Analysis Module:												
Vol/Sat:	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.14	0.22	0.21	0.39	0.00
Crit Vol:	170				0				372	328		
Crit Moves:	****								****	****		

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

Intersection #6 Camino Ramon/Norris

Cycle (sec):	100	Critical Vol./Cap.(X):	0.583
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 2 0 1			1 0 1 1 0			1 0 1 1 0			1 0 1 1 0		
Volume Module:												
Base Vol:	78	159	59	131	569	108	76	336	120	117	261	90
Growth Adj:	1.21	1.21	1.21	1.21	1.21	1.21	1.21	1.21	1.21	1.21	1.21	1.21
Initial Bse:	94	193	71	159	689	131	92	405	145	141	315	108
Added Vol:	3	50	0	0	71	0	0	0	7	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	97	243	71	159	760	131	92	405	152	141	315	108
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	97	243	71	159	760	131	92	405	152	141	315	108
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	97	243	71	159	760	131	92	405	152	141	315	108
RTOR Reduct:	0	0	71	0	0	0	0	0	0	0	0	0
RTOR Vol:	97	243	0	159	760	131	92	405	152	141	315	108
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Vol.:	97	243	0	159	760	131	92	405	152	141	315	108
Saturation Flow Module:												
Sat/Lane:	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	1.00	2.00	1.00	1.00	1.71	0.29	1.00	1.46	0.54	1.00	1.49	0.51
Final Sat.:	1650	3300	1650	1650	2816	484	1650	2401	899	1650	2454	846
Capacity Analysis Module:												
Vol/Sat:	0.06	0.07	0.00	0.10	0.27	0.27	0.06	0.17	0.17	0.09	0.13	0.13
Crit Vol:	97					445			278	141		
Crit Moves:	****					****			****	****		

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

Intersection #7 Camino Ramon/Executive

Cycle (sec): 100 | Critical Vol./Cap.(X): 0.454
Loss Time (sec): 0 (Y+R=4.0 sec) | Average Delay (sec/veh): xxxxxx
Optimal Cycle: 34 | Level Of Service: A

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Protected			Protected			Permitted			Permitted		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Lanes:	1 0	1 1	0	1 0	1 1	0	0 1	0 0	1	0 1	0 0	1
Volume Module:												
Base Vol:	178	307	71	63	417	202	44	39	23	43	26	45
Growth Adj:	1.21	1.21	1.21	1.21	1.21	1.21	1.19	1.19	1.19	1.19	1.19	1.19
Initial Bse:	216	372	86	76	505	245	52	46	27	51	31	54
Added Vol:	1	54	0	0	78	0	0	0	1	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	217	426	86	76	583	245	52	46	28	51	31	54
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	217	426	86	76	583	245	52	46	28	51	31	54
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	217	426	86	76	583	245	52	46	28	51	31	54
RTOR Reduct:	0	0	0	0	0	0	0	0	28	0	0	54
RTOR Vol:	217	426	86	76	583	245	52	46	0	51	31	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Vol.:	217	426	86	76	583	245	52	46	0	51	31	0
Saturation Flow Module:												
Sat/Lane:	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	1.00	1.66	0.34	1.00	1.41	0.59	0.53	0.47	1.00	0.62	0.38	1.00
Final Sat.:	1720	2862	578	1720	2423	1017	912	808	1720	1072	648	1720
Capacity Analysis Module:												
Vol/Sat:	0.13	0.15	0.15	0.04	0.24	0.24	0.06	0.06	0.00	0.05	0.05	0.00
Crit Vol:	217				414			99		51		
Crit Moves:	****				****			****		****		

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

Intersection #8 Camino Ramon/Bishop Drive

Cycle (sec):	100	Critical Vol./Cap.(X):	0.532
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 1	1	0	2 0 1	1	0	1 0 1	0	1	1 0 1	0	1
Volume Module:												
Base Vol:	0	727	161	76	146	166	62	16	28	26	4	285
Growth Adj:	1.00	1.00	1.21	1.00	1.00	1.00	1.07	1.07	1.07	1.07	1.07	1.00
Initial Bse:	0	727	195	76	146	166	67	17	30	28	4	285
Added Vol:	0	10	34	22	84	-27	22	12	10	33	9	22
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	737	229	98	230	139	89	29	40	61	13	307
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	737	229	98	230	139	89	29	40	61	13	307
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	737	229	98	230	139	89	29	40	61	13	307
RTOR Reduct:	0	0	0	0	0	0	0	0	0	0	0	54
RTOR Vol:	0	737	229	98	230	139	89	29	40	61	13	253
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	737	229	98	230	139	89	29	40	61	13	253
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:	0.00	1.53	0.47	2.00	1.25	0.75	1.00	1.00	1.00	1.00	1.00	1.00
Final Sat.:	0	2518	782	3000	2057	1243	1650	1650	1650	1650	1650	1650
Capacity Analysis Module:												
Vol/Sat:	0.00	0.29	0.29	0.03	0.11	0.11	0.05	0.02	0.02	0.04	0.01	0.15
Crit Vol:			483	49			89					253
Crit Moves:			****	****			****					****

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

Intersection #9 San Ramon/Bollinger

Cycle (sec):	100	Critical Vol./Cap.(X):	0.763
Loss Time (sec):	0 (Y+R=4.0 sec)	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	96	Level Of Service:	C

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Protected			Protected			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Lanes:	2 0	2 0	1	2 0	1 1	0	1 0	1 1	0	2 0	2 0	1
Volume Module:												
Base Vol:	206	491	475	280	276	26	38	800	200	470	360	230
Growth Adj:	1.23	1.23	1.00	1.00	1.23	1.23	1.24	1.00	1.24	1.00	1.00	1.00
Initial Bse:	252	601	475	280	338	32	47	800	247	470	360	230
Added Vol:	0	0	12	13	0	0	0	22	0	8	13	5
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	252	601	487	293	338	32	47	822	247	478	373	235
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	252	601	487	293	338	32	47	822	247	478	373	235
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	252	601	487	293	338	32	47	822	247	478	373	235
RTOR Reduct:	0	0	263	0	0	0	0	0	0	0	0	161
RTOR Vol:	252	601	224	293	338	32	47	822	247	478	373	74
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Vol.:	252	601	224	293	338	32	47	822	247	478	373	74
Saturation Flow Module:												
Sat/Lane:	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650
Adjustment:	0.91	1.00	1.00	0.91	1.00	1.00	1.00	1.00	1.00	0.91	1.00	1.00
Lanes:	2.00	2.00	1.00	2.00	1.83	0.17	1.00	1.54	0.46	2.00	2.00	1.00
Final Sat.:	3000	3300	1650	3000	3016	284	1650	2537	763	3000	3300	1650
Capacity Analysis Module:												
Vol/Sat:	0.08	0.18	0.14	0.10	0.11	0.11	0.03	0.32	0.32	0.16	0.11	0.04
Crit Vol:		301		147					535	239		
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):	0.593
Loss Time (sec):	0 (Y+R=4.0 sec)	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	46	Level Of Service:	A

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Split Phase			Split Phase			Permitted			Permitted		
Rights:	Include			Include			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	1545	8	0	768	950
Growth Adj:	1.00	1.00	1.00	1.17	1.17	1.17	1.24	1.00	1.24	1.24	1.00	1.00
Initial Bse:	3	0	101	855	14	289	0	1545	10	0	768	950
Added Vol:	0	0	0	69	0	0	0	47	0	0	26	98
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	3	0	101	924	14	289	0	1592	10	0	794	1048
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	924	14	289	0	1592	10	0	794	1048
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	3	0	101	924	14	289	0	1592	10	0	794	1048
RTOR Reduct:	0	0	0	0	0	0	0	0	0	0	0	0
RTOR Vol:	3	0	101	924	14	289	0	1592	10	0	794	1048
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	924	14	289	0	1592	10	0	794	1048
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	3080	51	3127	0	6838	42	0	5160	1720
Capacity Analysis Module:												
Vol/Sat:	0.06	0.00	0.06	0.30	0.27	0.09	0.00	0.23	0.23	0.00	0.15	0.61
Crit Vol:			104	469				400		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):	0.818
Loss Time (sec):	0 (Y+R=4.0 sec)	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	102	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	3	0 0 0	0	0	0 0	3	0 1	0 0	3	1 1
Volume Module:												
Base Vol:	327	0	1921	0	0	0	0	1924	577	0	1391	600
Growth Adj:	1.00	1.17	1.00	1.17	1.17	1.17	1.24	1.00	1.00	1.24	1.00	1.00
Initial Bse:	327	0	1921	0	0	0	0	1924	577	0	1391	600
Added Vol:	0	0	145	0	0	0	0	116	0	0	124	49
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	327	0	2066	0	0	0	0	2040	577	0	1515	649
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	327	0	2066	0	0	0	0	2040	577	0	1515	649
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	327	0	2066	0	0	0	0	2040	577	0	1515	649
RTOR Reduct:	0	0	0	0	0	0	0	0	0	0	0	0
RTOR Vol:	327	0	2066	0	0	0	0	2040	577	0	1515	649
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Vol.:	327	0	2066	0	0	0	0	2040	577	0	1515	649
Saturation Flow Module:												
Sat/Lane:	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800
Adjustment:	1.00	1.00	0.87	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.91
Lanes:	1.00	0.00	3.00	0.00	0.00	0.00	0.00	3.00	1.00	0.00	3.50	1.50
Final Sat.:	1800	0	4698	0	0	0	0	5400	1800	0	6301	2454
Capacity Analysis Module:												
Vol/Sat:	0.18	0.00	0.44	0.00	0.00	0.00	0.00	0.38	0.32	0.00	0.24	0.26
Crit Vol:			689		0			680		0		
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): 0.804
Loss Time (sec): 0 (Y+R=4.0 sec) | Average Delay (sec/veh): xxxxxx
Optimal Cycle: 117 | Level Of Service: D

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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			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Lanes:	2 0	0 1	0	0 1	0 0	2	2 0	4 0	1	2 0	4 0	1
Volume Module:												
Base Vol:	56	9	36	89	39	219	1277	1848	720	215	1716	178
Growth Adj:	1.00	1.07	1.00	1.00	1.07	1.00	1.00	1.00	1.00	1.24	1.00	1.00
Initial Bse:	56	10	36	89	42	219	1277	1848	720	266	1716	178
Added Vol:	0	0	0	13	0	53	-69	329	0	0	120	-33
PasserByVol:	0	0	0	7	0	4	15	-15	0	0	-4	2
Initial Fut:	56	10	36	109	42	276	1223	2162	720	266	1832	147
User Adj:	1.00	1.00	1.00	1.00	1.00	0.45	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	56	10	36	109	42	124	1223	2162	720	266	1832	147
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	56	10	36	109	42	124	1223	2162	720	266	1832	147
RTOR Reduct:	0	0	0	0	0	124	0	0	31	0	0	109
RTOR Vol:	56	10	36	109	42	0	1223	2162	689	266	1832	38
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Vol.:	56	10	36	109	42	0	1223	2162	689	266	1832	38
Saturation Flow Module:												
Sat/Lane:	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650
Adjustment:	0.91	1.00	1.00	1.00	1.00	0.91	0.91	1.00	1.00	0.91	1.00	1.00
Lanes:	2.00	0.21	0.79	0.72	0.28	2.00	2.00	4.00	1.00	2.00	4.00	1.00
Final Sat.:	3000	349	1301	1192	458	3000	3000	6600	1650	3000	6600	1650
Capacity Analysis Module:												
Vol/Sat:	0.02	0.03	0.03	0.09	0.09	0.00	0.41	0.33	0.42	0.09	0.28	0.02
Crit Vol:			46		151		612				458	
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): 0.693
Loss Time (sec): 0 (Y+R=4.0 sec) Average Delay (sec/veh): xxxxxx
Optimal Cycle: 74 Level Of Service: B

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Control:	Protected			Protected			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Lanes:	2 0	1 0	1	1 0	0 1	1	2 0	4 0	1	2 0	4 0	1
Volume Module:												
Base Vol:	13	19	0	33	41	44	672	747	242	24	2104	93
Growth Adj:	1.00	1.07	1.07	1.00	1.07	1.00	1.24	1.24	1.24	1.24	1.00	1.00
Initial Bse:	13	20	0	33	44	44	831	923	299	30	2104	93
Added Vol:	23	9	9	27	72	27	27	133	182	69	23	10
PasserByVol:	0	0	0	0	0	0	8	-16	0	0	-2	2
Initial Fut:	36	29	9	60	116	71	866	1040	481	99	2125	105
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	36	29	9	60	116	71	866	1040	481	99	2125	105
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	36	29	9	60	116	71	866	1040	481	99	2125	105
RTOR Reduct:	0	0	9	0	0	71	0	0	20	0	0	60
RTOR Vol:	36	29	0	60	116	0	866	1040	461	99	2125	45
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.:	36	29	0	60	116	0	866	1040	461	99	2125	45
Saturation Flow Module:												
Sat/Lane:	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650
Adjustment:	0.91	1.00	1.00	1.00	1.00	0.91	0.91	1.00	1.00	0.91	1.00	1.00
Lanes:	2.00	1.00	1.00	1.00	1.00	1.00	2.00	4.00	1.00	2.00	4.00	1.00
Final Sat.:	3000	1650	1650	1650	1650	1500	3000	6600	1650	3000	6600	1650
Capacity Analysis Module:												
Vol/Sat:	0.01	0.02	0.00	0.04	0.07	0.00	0.29	0.16	0.28	0.03	0.32	0.03
Crit Vol:	18				116		433				531	
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):	0.385
Loss Time (sec):	0 (Y+R=4.0 sec)	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	37	Level Of Service:	A

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Control:	Split Phase			Split Phase			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Lanes:	1 0	0 1	0	2 0	0 1	0	2 0	3 1	0	2 0	4 0	1
Volume Module:												
Base Vol:	10	0	8	49	0	0	0	930	32	37	2144	277
Growth Adj:	1.07	1.07	1.07	1.00	1.00	1.00	1.24	1.00	1.24	1.24	1.00	1.00
Initial Bse:	11	0	9	49	0	0	0	930	40	46	2144	277
Added Vol:	14	0	13	38	0	37	11	37	120	111	52	41
PasserByVol:	0	0	0	16	0	2	0	-16	0	0	-2	2
Initial Fut:	25	0	22	103	0	39	11	951	160	157	2194	320
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:	25	0	22	103	0	39	11	951	160	157	2194	320
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	25	0	22	103	0	39	11	951	160	157	2194	320
RTOR Reduct:	0	0	0	0	0	0	0	0	0	0	0	57
RTOR Vol:	25	0	22	103	0	39	11	951	160	157	2194	263
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.:	25	0	22	103	0	39	11	951	160	157	2194	263
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	0.91	1.00	1.00	0.91	1.00	1.00
Lanes:	1.00	0.00	1.00	2.00	0.00	1.00	2.00	3.43	0.57	2.00	4.00	1.00
Final Sat.:	1650	0	1650	3000	0	1650	3000	5652	948	3000	6600	1650
Capacity Analysis Module:												
Vol/Sat:	0.01	0.00	0.01	0.03	0.00	0.02	0.00	0.17	0.17	0.05	0.33	0.16
Crit Vol:	25			52			6				549	
Crit Moves:	****			****			****				****	

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

Intersection #15 Market/Bollinger Drive

Cycle (sec):	100	Critical Vol./Cap.(X):	0.463
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			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Lanes:	1 1	0 0	1	1 0	0 1	0	2 0	4 0	1	2 0	3 1	0
Volume Module:												
Base Vol:	243	1	33	2	1	9	11	638	149	41	1765	6
Growth Adj:	1.07	1.07	1.07	1.07	1.07	1.07	1.24	1.24	1.24	1.24	1.24	1.24
Initial Bse:	261	1	35	2	1	10	14	789	184	51	2182	7
Added Vol:	9	0	0	0	0	0	0	87	3	0	195	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	270	1	35	2	1	10	14	876	187	51	2377	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:	270	1	35	2	1	10	14	876	187	51	2377	7
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	270	1	35	2	1	10	14	876	187	51	2377	7
RTOR Reduct:	0	0	28	0	0	0	0	0	148	0	0	0
RTOR Vol:	270	1	8	2	1	10	14	876	39	51	2377	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.:	270	1	8	2	1	10	14	876	39	51	2377	7
Saturation Flow Module:												
Sat/Lane:	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650
Adjustment:	0.91	1.00	1.00	1.00	1.00	1.00	0.91	1.00	1.00	0.91	1.00	1.00
Lanes:	1.99	0.01	1.00	1.00	0.10	0.90	2.00	4.00	1.00	2.00	3.99	0.01
Final Sat.:	2988	13	1650	1650	165	1485	3000	6600	1650	3000	6579	21
Capacity Analysis Module:												
Vol/Sat:	0.09	0.08	0.00	0.00	0.01	0.01	0.00	0.13	0.02	0.02	0.36	0.36
Crit Vol:	135				11		7					596
Crit Moves:	****				****		****					****

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

Intersection #16 Alcosta/Bollinger

Cycle (sec): 100 | Critical Vol./Cap.(X): 0.712
Loss Time (sec): 0 (Y+R=4.0 sec) | Average Delay (sec/veh): xxxxxx
Optimal Cycle: 79 | Level Of Service: C

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Control:	Protected			Protected			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Lanes:	2 0	1 1	0	2 0	2 0	1	2 0	3 0	1	2 0	3 0	1
Volume Module:												
Base Vol:	542	463	184	146	263	221	190	396	90	281	1094	330
Growth Adj:	1.21	1.21	1.21	1.21	1.21	1.21	1.24	1.24	1.24	1.24	1.24	1.24
Initial Bse:	653	558	222	176	317	266	235	489	111	347	1352	408
Added Vol:	64	0	0	0	0	29	6	40	40	0	103	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	717	558	222	176	317	295	241	529	151	347	1455	408
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	717	558	222	176	317	295	241	529	151	347	1455	408
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	717	558	222	176	317	295	241	529	151	347	1455	408
RTOR Reduct:	0	0	0	0	0	132	0	0	151	0	0	97
RTOR Vol:	717	558	222	176	317	163	241	529	0	347	1455	311
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Vol.:	717	558	222	176	317	163	241	529	0	347	1455	311
Saturation Flow Module:												
Sat/Lane:	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650
Adjustment:	0.91	1.00	1.00	0.91	1.00	1.00	0.91	1.00	1.00	0.91	1.00	1.00
Lanes:	2.00	1.43	0.57	2.00	2.00	1.00	2.00	3.00	1.00	2.00	3.00	1.00
Final Sat.:	3000	2362	938	3000	3300	1650	3000	4950	1650	3000	4950	1650
Capacity Analysis Module:												
Vol/Sat:	0.24	0.24	0.24	0.06	0.10	0.10	0.08	0.11	0.00	0.12	0.29	0.19
Crit Vol:	359					163	120				485	
Crit Moves:	****					****	****				****	

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

Intersection #17 Alcosta/Norris

Cycle (sec): 100 | Critical Vol./Cap.(X): 0.485
Loss Time (sec): 0 (Y+R=4.0 sec) | Average Delay (sec/veh): xxxxxx
Optimal Cycle: 44 | Level Of Service: A

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Protected			Protected			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Lanes:	1 0	1 1	0	1 0	2 0	1	2 0	1 0	1	1 0	1 0	1
Volume Module:												
Base Vol:	285	379	66	235	461	216	143	71	206	42	58	84
Growth Adj:	1.21	1.21	1.21	1.21	1.21	1.21	1.21	1.21	1.21	1.21	1.21	1.21
Initial Bse:	343	457	80	283	556	260	172	86	248	51	70	101
Added Vol:	0	6	0	0	29	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	343	463	80	283	585	260	172	86	248	51	70	101
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	343	463	80	283	585	260	172	86	248	51	70	101
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	343	463	80	283	585	260	172	86	248	51	70	101
RTOR Reduct:	0	0	0	0	0	95	0	0	248	0	0	101
RTOR Vol:	343	463	80	283	585	166	172	86	0	51	70	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Vol.:	343	463	80	283	585	166	172	86	0	51	70	0
Saturation Flow Module:												
Sat/Lane:	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	0.91	1.00	1.00	1.00	1.00	1.00
Lanes:	1.00	1.71	0.29	1.00	2.00	1.00	2.00	1.00	1.00	1.00	1.00	1.00
Final Sat.:	1650	2816	484	1650	3300	1650	3000	1650	1650	1650	1650	1650
Capacity Analysis Module:												
Vol/Sat:	0.21	0.16	0.16	0.17	0.18	0.10	0.06	0.05	0.00	0.03	0.04	0.00
Crit Vol:	343				292		86				70	
Crit Moves:	****				****		****				****	

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

Intersection #18 San Ramon/Norris

Cycle (sec):	100	Critical Vol./Cap.(X):	0.603
Loss Time (sec):	0 (Y+R=4.0 sec)	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	57	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	2 0	1 1	0	1 0	1 1	0	1 0	1 0	1
Volume Module:												
Base Vol:	74	325	326	406	144	27	78	493	51	85	148	237
Growth Adj:	1.21	1.21	1.21	1.21	1.21	1.21	1.21	1.21	1.21	1.21	1.21	1.21
Initial Bse:	89	392	393	489	174	33	94	594	61	102	178	286
Added Vol:	0	5	0	0	13	0	0	10	0	0	6	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	89	397	393	489	187	33	94	604	61	102	184	286
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	89	397	393	489	187	33	94	604	61	102	184	286
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	89	397	393	489	187	33	94	604	61	102	184	286
RTOR Reduct:	0	0	102	0	0	0	0	0	0	0	0	269
RTOR Vol:	89	397	290	489	187	33	94	604	61	102	184	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	397	290	489	187	33	94	604	61	102	184	17
Saturation Flow Module:												
Sat/Lane:	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650
Adjustment:	1.00	1.00	1.00	0.91	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	1.00	2.00	1.00	2.00	1.70	0.30	1.00	1.82	0.18	1.00	1.00	1.00
Final Sat.:	1650	3300	1650	3000	2810	490	1650	2995	305	1650	1650	1650
Capacity Analysis Module:												
Vol/Sat:	0.05	0.12	0.18	0.16	0.07	0.07	0.06	0.20	0.20	0.06	0.11	0.01
Crit Vol:			290	245				333		102		
Crit Moves:			****	****				****		****		

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

Intersection #19 Bollinger/Crow

Cycle (sec):	100	Critical Vol./Cap.(X):	0.566
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:	Permitted			Permitted			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Lanes:	1 0 1 0 1			0 0 1! 0 0			1 0 2 0 1			1 0 2 0 1		
Volume Module:												
Base Vol:	116	41	133	18	67	18	34	951	70	88	758	21
Growth Adj:	1.24	1.24	1.24	1.24	1.24	1.24	1.21	1.21	1.21	1.21	1.21	1.21
Initial Bse:	143	51	164	22	83	22	41	1146	84	106	913	25
Added Vol:	13	0	0	0	0	0	0	22	22	0	13	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	156	51	164	22	83	22	41	1168	106	106	926	25
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	156	51	164	22	83	22	41	1168	106	106	926	25
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	156	51	164	22	83	22	41	1168	106	106	926	25
RTOR Reduct:	0	0	106	0	0	0	0	0	106	0	0	22
RTOR Vol:	156	51	58	22	83	22	41	1168	0	106	926	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.:	156	51	58	22	83	22	41	1168	0	106	926	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:	0.09	0.03	0.03	0.07	0.07	0.07	0.02	0.34	0.00	0.06	0.27	0.00
Crit Vol:	156					127		584		106		
Crit Moves:	****					****		****		****		

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

Intersection #20 Dougherty/Bollinger

Cycle (sec):	100	Critical Vol./Cap.(X):	0.634
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 3 0 1			2 0 3 0 1			2 0 3 0 1			2 0 3 0 1		
Volume Module:												
Base Vol:	182	590	66	499	905	613	206	354	84	102	894	409
Growth Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Initial Bse:	182	590	66	499	905	613	206	354	84	102	894	409
Added Vol:	8	0	0	0	0	10	3	26	3	0	63	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	190	590	66	499	905	623	209	380	87	102	957	409
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	190	590	66	499	905	623	209	380	87	102	957	409
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	190	590	66	499	905	623	209	380	87	102	957	409
RTOR Reduct:	0	0	56	0	0	115	0	0	87	0	0	274
RTOR Vol:	190	590	10	499	905	508	209	380	0	102	957	135
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Vol.:	190	590	10	499	905	508	209	380	0	102	957	135
Saturation Flow Module:												
Sat/Lane:	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650
Adjustment:	0.91	1.00	1.00	0.91	1.00	1.00	0.91	1.00	1.00	0.91	1.00	1.00
Lanes:	2.00	3.00	1.00	2.00	3.00	1.00	2.00	3.00	1.00	2.00	3.00	1.00
Final Sat.:	3000	4950	1650	3000	4950	1650	3000	4950	1650	3000	4950	1650
Capacity Analysis Module:												
Vol/Sat:	0.06	0.12	0.01	0.17	0.18	0.31	0.07	0.08	0.00	0.03	0.19	0.08
Crit Vol:	95					508	105				319	
Crit Moves:	****					****	****				****	

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

Intersection #21 San Ramon/Montevideo

Cycle (sec):	100	Critical Vol./Cap.(X):	0.697
Loss Time (sec):	0 (Y+R=4.0 sec)	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	75	Level Of Service:	B

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Control:	Protected			Protected			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Lanes:	0 0 1	1 0		1 0 2	0 0		0 0 0	0 0		1 0 0	0 1	
Volume Module: 7:45 To 8:45												
Base Vol:	0	590	117	433	441	0	0	0	0	195	0	528
Growth Adj:	1.23	1.23	1.23	1.23	1.23	1.23	1.00	1.00	1.00	1.18	1.18	1.18
Initial Bse:	0	723	143	530	540	0	0	0	0	230	0	623
Added Vol:	0	6	0	3	5	0	0	0	0	0	0	5
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	729	143	533	545	0	0	0	0	230	0	628
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	729	143	533	545	0	0	0	0	230	0	628
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	729	143	533	545	0	0	0	0	230	0	628
RTOR Reduct:	0	0	0	0	0	0	0	0	0	0	0	533
RTOR Vol:	0	729	143	533	545	0	0	0	0	230	0	95
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	729	143	533	545	0	0	0	0	230	0	95
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	2875	565	1720	3440	0	0	0	0	1720	0	1720
Capacity Analysis Module:												
Vol/Sat:	0.00	0.25	0.25	0.31	0.16	0.00	0.00	0.00	0.00	0.13	0.00	0.06
Crit Vol:			436	533				0		230		
Crit Moves:			****	****						****		

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

Intersection #22 Alcosts/Montevideo

Cycle (sec):	100	Critical Vol./Cap.(X):	0.355
Loss Time (sec):	0 (Y+R=4.0 sec)	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	35	Level Of Service:	A

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Protected			Protected			Split Phase			Split Phase		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Lanes:	1 0 2 0 0			0 0 2 0 1			1 0 0 0 1			0 0 0 0 0		
Volume Module: 7:45 To 8:45												
Base Vol:	54	540	0	0	265	118	194	0	80	0	0	0
Growth Adj:	1.21	1.21	1.21	1.21	1.21	1.21	1.23	1.23	1.23	1.23	1.23	1.23
Initial Bse:	65	651	0	0	319	142	238	0	98	0	0	0
Added Vol:	0	33	0	0	26	14	31	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	65	684	0	0	345	156	269	0	98	0	0	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	65	684	0	0	345	156	269	0	98	0	0	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	65	684	0	0	345	156	269	0	98	0	0	0
RTOR Reduct:	0	0	0	0	0	156	0	0	65	0	0	0
RTOR Vol:	65	684	0	0	345	0	269	0	33	0	0	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Vol.:	65	684	0	0	345	0	269	0	33	0	0	0
Saturation Flow Module:												
Sat/Lane:	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	1.00	2.00	0.00	0.00	2.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00
Final Sat.:	1720	3440	0	0	3440	1720	1720	0	1720	0	0	0
Capacity Analysis Module:												
Vol/Sat:	0.04	0.20	0.00	0.00	0.10	0.00	0.16	0.00	0.02	0.00	0.00	0.00
Crit Vol:		342		0			269				0	
Crit Moves:		****		****			****					

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

Intersection #23 Dougherty/Crow

Cycle (sec):	100	Critical Vol./Cap.(X):	0.504
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:	Ignore			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Lanes:	2 0 0 0 2			0 0 0 0 0			0 0 3 0 1			2 0 2 0 0		
Volume Module:												
Base Vol:	210	0	409	0	0	0	0	426	106	694	1177	0
Growth Adj:	1.24	1.24	1.24	1.24	1.24	1.24	1.21	1.21	1.21	1.21	1.21	1.21
Initial Bse:	260	0	506	0	0	0	0	513	128	836	1418	0
Added Vol:	10	0	0	0	0	0	0	10	3	0	19	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	270	0	506	0	0	0	0	523	131	836	1437	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:	270	0	506	0	0	0	0	523	131	836	1437	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	270	0	506	0	0	0	0	523	131	836	1437	0
RTOR Reduct:	0	0	0	0	0	0	0	0	131	0	0	0
RTOR Vol:	270	0	506	0	0	0	0	523	0	836	1437	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.:	270	0	506	0	0	0	0	523	0	836	1437	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:	0.09	0.00	0.16	0.00	0.00	0.00	0.00	0.10	0.00	0.27	0.42	0.00
Crit Vol:	135				0		0				719	
Crit Moves:	****						****				****	

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

Intersection #24 Alcosta/Old Ranch

Cycle (sec): 100 | Critical Vol./Cap.(X): 0.375
Loss Time (sec): 0 (Y+R=4.0 sec) | Average Delay (sec/veh): xxxxxx
Optimal Cycle: 36 | Level Of Service: A

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Protected			Protected			Split Phase			Split Phase		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Lanes:	1 0	1 1	0	1 0	1 1	0	1 0	1! 0	0	2 0	0 1	1
Volume Module:												
Base Vol:	10	226	114	130	205	1	9	1	2	341	1	216
Growth Adj:	1.21	1.21	1.21	1.21	1.21	1.21	1.24	1.24	1.24	1.24	1.24	1.24
Initial Bse:	12	272	137	157	247	1	11	1	2	422	1	268
Added Vol:	0	17	0	8	18	0	0	0	0	0	0	16
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	12	289	137	165	265	1	11	1	2	422	1	284
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	12	289	137	165	265	1	11	1	2	422	1	284
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	12	289	137	165	265	1	11	1	2	422	1	284
RTOR Reduct:	0	0	0	0	0	0	0	0	0	0	0	165
RTOR Vol:	12	289	137	165	265	1	11	1	2	422	1	119
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Vol.:	12	289	137	165	265	1	11	1	2	422	1	119
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	1.36	0.64	1.00	1.99	0.01	1.50	0.17	0.33	2.00	0.02	1.98
Final Sat.:	1650	2238	1062	1650	3285	15	2250	275	550	3000	34	2969
Capacity Analysis Module:												
Vol/Sat:	0.01	0.13	0.13	0.10	0.08	0.08	0.00	0.00	0.00	0.14	0.04	0.04
Crit Vol:			213	165			7			211		
Crit Moves:			****	****			****			****		

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

Intersection #25 Doughert/Old Ranch

Cycle (sec):	100	Critical Vol./Cap.(X):	0.592
Loss Time (sec):	0 (Y+R=4.0 sec)	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	56	Level Of Service:	A

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Protected			Protected			Split Phase			Split Phase		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Lanes:	1 0	3 0	0	0 0	2 1	0	1 0	0 0	2	0 0	0 0	0
Volume Module:												
Base Vol:	153	489	0	0	1534	184	87	0	136	0	0	0
Growth Adj:	1.24	1.24	1.24	1.24	1.24	1.24	1.24	1.24	1.24	1.24	1.24	1.24
Initial Bse:	189	604	0	0	1896	227	108	0	169	0	0	0
Added Vol:	7	0	0	0	0	9	4	0	4	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	196	604	0	0	1896	236	112	0	173	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:	196	604	0	0	1896	236	112	0	173	0	0	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	196	604	0	0	1896	236	112	0	173	0	0	0
RTOR Reduct:	0	0	0	0	0	0	0	0	173	0	0	0
RTOR Vol:	196	604	0	0	1896	236	112	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.:	196	604	0	0	1896	236	112	0	0	0	0	0
Saturation Flow Module:												
Sat/Lane:	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.91	1.00	1.00	1.00
Lanes:	1.00	3.00	0.00	0.00	2.67	0.33	1.00	0.00	2.00	0.00	0.00	0.00
Final Sat.:	1720	5160	0	0	4588	572	1720	0	3127	0	0	0
Capacity Analysis Module:												
Vol/Sat:	0.11	0.12	0.00	0.00	0.41	0.41	0.06	0.00	0.00	0.00	0.00	0.00
Crit Vol:	196				711		112				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): 0.234
Loss Time (sec): 0 (Y+R=4.0 sec) | Average Delay (sec/veh): xxxxxx
Optimal Cycle: 24 | Level Of Service: A

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Protected			Protected			Permitted			Permitted		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Lanes:	2 0 2	1 0		1 0 1	1 0		0 1 0	0 1		1 0 0	1 0	
Volume Module:												
Base Vol:	302	691	175	7	184	23	48	6	142	12	1	3
Growth Adj:	1.07	1.07	1.00	1.07	1.00	1.07	1.07	1.07	1.07	1.07	1.07	1.07
Initial Bse:	324	741	175	8	184	25	52	6	152	13	1	3
Added Vol:	0	32	-134	5	58	0	0	0	0	9	0	4
PasserByVol:	0	0	17	0	0	0	0	0	0	11	0	0
Initial Fut:	324	773	58	13	242	25	52	6	152	33	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:	324	773	58	13	242	25	52	6	152	33	1	7
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	324	773	58	13	242	25	52	6	152	33	1	7
RTOR Reduct:	0	0	0	0	0	0	0	0	152	0	0	0
RTOR Vol:	324	773	58	13	242	25	52	6	0	33	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.:	324	773	58	13	242	25	52	6	0	33	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	2.79	0.21	1.00	1.81	0.19	0.89	0.11	1.00	1.00	0.13	0.87
Final Sat.:	3127	4800	360	1720	3122	318	1529	191	1720	1720	223	1497
Capacity Analysis Module:												
Vol/Sat:	0.10	0.16	0.16	0.01	0.08	0.08	0.03	0.03	0.00	0.02	0.00	0.00
Crit Vol:	162				133			58		33		
Crit Moves:	****				****			****		****		

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

Intersection #27 Bishop Drive/Sunset

Cycle (sec):	100	Critical Vol./Cap.(X):	0.438
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			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	102	71	11
Growth Adj:	1.07	1.07	1.07	1.07	1.07	1.07	1.07	1.07	1.07	1.00	1.07	1.07
Initial Bse:	321	422	53	12	15	21	27	88	97	102	76	12
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:	322	422	88	12	15	21	27	89	98	163	77	12
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	322	422	88	12	15	21	27	89	98	163	77	12
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	322	422	88	12	15	21	27	89	98	163	77	12
RTOR Reduct:	0	0	88	0	0	0	0	0	0	0	0	0
RTOR Vol:	322	422	0	12	15	21	27	89	98	163	77	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.:	322	422	0	12	15	21	27	89	98	163	77	12
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:	0.20	0.26	0.00	0.01	0.01	0.01	0.02	0.11	0.11	0.05	0.05	0.05
Crit Vol:		422				24		187		82		
Crit Moves:		****				****		****		****		

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

Intersection #28 Bollinger Canyon/Norris Canyon

Cycle (sec):	100	Critical Vol./Cap.(X):	1.166
Loss Time (sec):	0 (Y+R=4.0 sec)	Average Delay (sec/veh):	48.1
Optimal Cycle:	0	Level Of Service:	E

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Control:	Stop Sign			Stop Sign			Stop Sign			Stop Sign		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Lanes:	1 0 1	1 0		1 0 1	1 0		0 0 1!	0 0		0 0 1!	0 0	
Volume Module:												
Base Vol:	99	281	66	121	360	11	12	279	164	69	61	87
Growth Adj:	1.24	1.24	1.24	1.24	1.24	1.24	1.21	1.21	1.21	1.21	1.21	1.21
Initial Bse:	122	347	82	150	445	14	14	336	198	83	74	105
Added Vol:	0	13	0	0	22	0	0	10	0	0	6	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	122	360	82	150	467	14	14	346	198	83	80	105
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	122	360	82	150	467	14	14	346	198	83	80	105
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	122	360	82	150	467	14	14	346	198	83	80	105
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Vol.:	122	360	82	150	467	14	14	346	198	83	80	105
Saturation Flow Module:												
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	1.00	1.63	0.37	1.00	1.94	0.06	0.03	0.62	0.35	0.31	0.30	0.39
Final Sat.:	396	692	160	401	828	24	12	297	170	133	127	167
Capacity Analysis Module:												
Vol/Sat:	0.31	0.52	0.51	0.37	0.56	0.56	1.17	1.17	1.17	0.63	0.63	0.63
Crit Moves:		****			****			****			****	
Delay/Veh:	15.6	19.7	19.1	16.7	21.2	21.1	120.9	121	120.9	23.8	23.8	23.8
Delay Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
AdjDel/Veh:	15.6	19.7	19.1	16.7	21.2	21.1	120.9	121	120.9	23.8	23.8	23.8
LOS by Move:	C	C	C	C	C	C	F	F	F	C	C	C
ApproachDel:		18.7			20.2			120.9			23.8	
Delay Adj:		1.00			1.00			1.00			1.00	
ApprAdjDel:		18.7			20.2			120.9			23.8	
LOS by Appr:		C			C			F			C	
AllWayAvgQ:	0.4	1.0	1.0	0.6	1.2	1.2	14.7	14.7	14.7	1.5	1.5	1.5

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):	0.611
Loss Time (sec):	0 (Y+R=4.0 sec)	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	59	Level Of Service:	B

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Control:	Split Phase			Split Phase			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Lanes:	1 0	0 1	0	0 1	0 0	1	1 0	3 0	1	1 0	2 1	0
Volume Module:												
Base Vol:	124	4	11	36	1	257	172	480	13	33	1276	79
Growth Adj:	1.07	1.07	1.07	1.07	1.07	1.07	1.24	1.24	1.24	1.24	1.24	1.24
Initial Bse:	133	4	12	39	1	276	213	593	16	41	1577	98
Added Vol:	0	0	0	0	0	10	3	37	0	0	93	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	133	4	12	39	1	286	216	630	16	41	1670	98
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	133	4	12	39	1	286	216	630	16	41	1670	98
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	133	4	12	39	1	286	216	630	16	41	1670	98
RTOR Reduct:	0	0	0	0	0	216	0	0	16	0	0	0
RTOR Vol:	133	4	12	39	1	70	216	630	0	41	1670	98
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Vol.:	133	4	12	39	1	70	216	630	0	41	1670	98
Saturation Flow Module:												
Sat/Lane:	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	1.00	0.27	0.73	0.97	0.03	1.00	1.00	3.00	1.00	1.00	2.83	0.17
Final Sat.:	1650	440	1210	1605	45	1650	1650	4950	1650	1650	4677	273
Capacity Analysis Module:												
Vol/Sat:	0.08	0.01	0.01	0.02	0.02	0.04	0.13	0.13	0.00	0.02	0.36	0.36
Crit Vol:	133					70	216					589
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):	0.308
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			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	944	0	0	121	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	944	0	0	121	0	0	0	0	0	0	0
Added Vol:	0	45	1	0	126	1	0	0	0	0	0	0
PasserByVol:	0	0	10	0	0	0	0	8	0	0	2	0
Initial Fut:	0	989	11	0	247	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	989	11	0	247	1	0	8	0	0	2	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	989	11	0	247	1	0	8	0	0	2	0
RTOR Reduct:	0	0	0	0	0	0	0	0	0	0	0	0
RTOR Vol:	0	989	11	0	247	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	989	11	0	247	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	1.98	0.02	0.00	1.99	0.01	0.00	1.00	0.00	0.00	1.00	0.00
Final Sat.:	0	3264	36	0	3287	13	0	1650	0	0	1650	0
Capacity Analysis Module:												
Vol/Sat:	0.00	0.30	0.30	0.00	0.08	0.08	0.00	0.00	0.00	0.00	0.00	0.00
Crit Vol:		500		0				8		0		
Crit Moves:		****		****				****		****		

Scenario Report

Scenario:	PM 2020 + Flex Retail
Command:	Default Command
Volume:	PM 2020 + Project Network
Geometry:	2020 + Proj
Impact Fee:	Default Impact Fee
Trip Generation:	PM PRJ 2020 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	D	xxxxx	0.865	D	xxxxx	0.878	+ 0.013 V/C
# 2 680 SB OFF/Crow	B	xxxxx	0.664	B	xxxxx	0.674	+ 0.010 V/C
# 3 680 NB ON/Crow	B	xxxxx	0.641	B	xxxxx	0.660	+ 0.019 V/C
# 4 Camino Ramon/Crow	B	xxxxx	0.683	C	xxxxx	0.712	+ 0.030 V/C
# 5 Alcosta/Crow	B	xxxxx	0.692	C	xxxxx	0.715	+ 0.023 V/C
# 6 Camino Ramon/Norris	C	xxxxx	0.725	C	xxxxx	0.787	+ 0.062 V/C
# 7 Camino Ramon/Executive	A	xxxxx	0.516	A	xxxxx	0.579	+ 0.063 V/C
# 8 Camino Ramon/Bishop Drive	A	xxxxx	0.406	B	xxxxx	0.618	+ 0.212 V/C
# 9 San Ramon/Bollinger	D	xxxxx	0.812	D	xxxxx	0.837	+ 0.025 V/C
# 10 680 SB OFF/Bollinger	B	xxxxx	0.615	B	xxxxx	0.669	+ 0.054 V/C
# 11 680 NB OFF/Bollinger	B	xxxxx	0.695	C	xxxxx	0.749	+ 0.054 V/C
# 12 Sunset/Bollinger	E	xxxxx	0.920	F	xxxxx	1.049	+ 0.129 V/C
# 13 Camino Ramon/Bollinger	A	xxxxx	0.490	B	xxxxx	0.660	+ 0.170 V/C
# 14 Bishop 2 Drive/Bollinger	B	xxxxx	0.611	C	xxxxx	0.797	+ 0.186 V/C
# 15 Market/Bollinger Drive	A	xxxxx	0.530	B	xxxxx	0.609	+ 0.079 V/C
# 16 Alcosta/Bollinger	C	xxxxx	0.745	D	xxxxx	0.802	+ 0.057 V/C
# 17 Alcosta/Norris	A	xxxxx	0.523	A	xxxxx	0.534	+ 0.011 V/C
# 18 San Ramon/Norris	B	xxxxx	0.662	B	xxxxx	0.684	+ 0.022 V/C
# 19 Bollinger/Crow	A	xxxxx	0.548	A	xxxxx	0.588	+ 0.040 V/C
# 20 Dougherty/Bollinger	B	xxxxx	0.628	B	xxxxx	0.636	+ 0.008 V/C
# 21 San Ramon/Montevideo	D	xxxxx	0.881	D	xxxxx	0.892	+ 0.010 V/C
# 22 Alcosts/Montevideo	A	xxxxx	0.345	A	xxxxx	0.413	+ 0.068 V/C
# 23 Dougherty/Crow	A	xxxxx	0.546	A	xxxxx	0.562	+ 0.016 V/C
# 24 Alcosta/Old Ranch	A	xxxxx	0.310	A	xxxxx	0.345	+ 0.035 V/C
# 25 Doughert/Old Ranch	A	xxxxx	0.369	A	xxxxx	0.392	+ 0.023 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	0.503	A	xxxxx	0.550	+ 0.047 V/C
# 27 Bishop Drive/Sunset	B	xxxxx	0.603	B	xxxxx	0.664	+ 0.062 V/C
# 28 Bollinger Canyon/Norris Canyon	B	12.0	0.489	B	13.6	0.567	+ 0.078 V/C
# 29 Bollinger/Canyon Lakes	A	xxxxx	0.504	A	xxxxx	0.562	+ 0.058 V/C
# 30 Camino Ramon/Center Street	A	xxxxx	0.136	A	xxxxx	0.235	+ 0.100 V/C

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

Intersection #1 San Ramon/Crow

Cycle (sec):	100	Critical Vol./Cap.(X):	0.878
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	2 0	1	2 0	2 0	1	2 0	3 0	1	2 0	3 0	1
Volume Module:												
Base Vol:	158	579	709	505	435	190	312	1322	117	525	1417	617
Growth Adj:	1.22	1.22	1.00	1.00	1.22	1.22	1.21	1.00	1.21	1.00	1.00	1.00
Initial Bse:	193	706	709	505	530	232	378	1322	142	525	1417	617
Added Vol:	0	19	0	14	13	0	0	40	0	0	46	13
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	193	725	709	519	543	232	378	1362	142	525	1463	630
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	193	725	709	519	543	232	378	1362	142	525	1463	630
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	193	725	709	519	543	232	378	1362	142	525	1463	630
RTOR Reduct:	0	0	289	0	0	208	0	0	106	0	0	285
RTOR Vol:	193	725	420	519	543	23	378	1362	36	525	1463	345
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Vol.:	193	725	420	519	543	23	378	1362	36	525	1463	345
Saturation Flow Module:												
Sat/Lane:	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650
Adjustment:	0.91	1.00	1.00	0.91	1.00	1.00	0.91	1.00	1.00	0.91	1.00	1.00
Lanes:	2.00	2.00	1.00	2.00	2.00	1.00	2.00	3.00	1.00	2.00	3.00	1.00
Final Sat.:	3000	3300	1650	3000	3300	1650	3000	4950	1650	3000	4950	1650
Capacity Analysis Module:												
Vol/Sat:	0.06	0.22	0.25	0.17	0.16	0.01	0.13	0.28	0.02	0.18	0.30	0.21
Crit Vol:			420	260				454		263		
Crit Moves:			****	****				****		****		

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

Intersection #2 680 SB OFF/Crow

Cycle (sec):	100	Critical Vol./Cap.(X):	0.674
Loss Time (sec):	0 (Y+R=4.0 sec)	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	57	Level Of Service:	B

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Split Phase			Split Phase			Permitted			Permitted		
Rights:	Include			Include			Ignore			Ignore		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Lanes:	0 0 0 0 0			3 0 0 0 2			0 0 3 0 1			0 0 3 0 1		
Volume Module:												
Base Vol:	0	0	0	699	0	1026	0	1890	646	0	1533	571
Growth Adj:	1.18	1.18	1.18	1.00	1.18	1.00	1.21	1.00	1.00	1.21	1.00	1.00
Initial Bse:	0	0	0	699	0	1026	0	1890	646	0	1533	571
Added Vol:	0	0	0	49	0	0	0	54	0	0	59	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	0	0	748	0	1026	0	1944	646	0	1592	571
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	0	0	748	0	1026	0	1944	646	0	1592	571
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	0	0	748	0	1026	0	1944	646	0	1592	571
RTOR Reduct:	0	0	0	0	0	0	0	0	0	0	0	0
RTOR Vol:	0	0	0	748	0	1026	0	1944	646	0	1592	571
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Vol.:	0	0	0	748	0	1026	0	1944	646	0	1592	571
Saturation Flow Module:												
Sat/Lane:	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800
Adjustment:	1.00	1.00	1.00	0.87	1.00	0.91	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	0.00	0.00	0.00	3.00	0.00	2.00	0.00	3.00	1.00	0.00	3.00	1.00
Final Sat.:	0	0	0	4698	0	3272	0	5400	1800	0	5400	1800
Capacity Analysis Module:												
Vol/Sat:	0.00	0.00	0.00	0.16	0.00	0.31	0.00	0.36	0.36	0.00	0.29	0.32
Crit Vol:		0				513		648		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):	0.660
Loss Time (sec):	0 (Y+R=4.0 sec)	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	55	Level Of Service:	B

Approach:	North Bound				South Bound				East Bound				West Bound			
Movement:	L	-	T	- R	L	-	T	- R	L	-	T	- R	L	-	T	- R
Control:	Split Phase				Split Phase				Permitted				Permitted			
Rights:	Include				Include				Ignore				Ignore			
Min. Green:	0	0	0		0	0	0		0	0	0		0	0	0	
Lanes:	2	0	0	0 2	0	0	0	0 0	0	0	3	0 1	0	0	3	1 1
Volume Module:																
Base Vol:	717		0	898		0	0	0		0	1709	880		0	1387	1142
Growth Adj:	1.00	1.18		1.18	1.18	1.18		1.18	1.21	1.00		1.00	1.21	1.00		1.21
Initial Bse:	717		0	1061		0	0	0		0	1709	880		0	1387	1385
Added Vol:	0		0	0		0	0	0		0	103	0		0	59	54
PasserByVol:	0		0	0		0	0	0		0	0	0		0	0	0
Initial Fut:	717		0	1061		0	0	0		0	1812	880		0	1446	1439
User Adj:	1.00	1.00		1.00	1.00	1.00		1.00	1.00	1.00		1.00	1.00	1.00		1.00
PHF Adj:	1.00	1.00		1.00	1.00	1.00		1.00	1.00	1.00		1.00	1.00	1.00		1.00
PHF Volume:	717		0	1061		0	0	0		0	1812	880		0	1446	1439
Reduct Vol:	0		0	0		0	0	0		0	0	0		0	0	0
Reduced Vol:	717		0	1061		0	0	0		0	1812	880		0	1446	1439
RTOR Reduct:	0		0	0		0	0	0		0	0	0		0	0	0
RTOR Vol:	717		0	1061		0	0	0		0	1812	880		0	1446	1439
PCE Adj:	1.00	1.00		1.00	1.00	1.00		1.00	1.00	1.00		1.00	1.00	1.00		1.00
MLF Adj:	1.00	1.00		1.00	1.00	1.00		1.00	1.00	1.00		1.00	1.00	1.00		1.00
Final Vol.:	717		0	1061		0	0	0		0	1812	880		0	1446	1439
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		0.91
Lanes:	2.00	0.00		2.00	0.00	0.00		0.00	0.00	3.00		1.00	0.00	3.00		2.00
Final Sat.:	3272		0	3272		0	0	0		0	5400	1800		0	5400	3272
Capacity Analysis Module:																
Vol/Sat:	0.22	0.00		0.32	0.00	0.00		0.00	0.00	0.34		0.49	0.00	0.27		0.44
Crit Vol:				530			0			604				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):	0.712
Loss Time (sec):	0 (Y+R=4.0 sec)	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	79	Level Of Service:	C

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Control:	Protected			Protected			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Lanes:	2 0	1 0	1	2 0	1 1	0	2 0	4 0	1	2 0	3 1	0
Volume Module:												
Base Vol:	464	288	141	287	134	120	117	1592	206	154	1157	182
Growth Adj:	1.21	1.21	1.21	1.21	1.21	1.21	1.21	1.21	1.21	1.21	1.21	1.21
Initial Bse:	563	349	171	348	163	146	142	1931	250	187	1403	221
Added Vol:	113	4	88	0	3	0	0	0	103	82	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	676	353	259	348	166	146	142	1931	353	269	1403	221
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	676	353	259	348	166	146	142	1931	353	269	1403	221
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	676	353	259	348	166	146	142	1931	353	269	1403	221
RTOR Reduct:	0	0	148	0	0	0	0	0	353	0	0	0
RTOR Vol:	676	353	111	348	166	146	142	1931	0	269	1403	221
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Vol.:	676	353	111	348	166	146	142	1931	0	269	1403	221
Saturation Flow Module:												
Sat/Lane:	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650
Adjustment:	0.91	1.00	1.00	0.91	1.00	1.00	0.91	1.00	1.00	0.91	1.00	1.00
Lanes:	2.00	1.00	1.00	2.00	1.06	0.94	2.00	4.00	1.00	2.00	3.46	0.54
Final Sat.:	3000	1650	1650	3000	1756	1544	3000	6600	1650	3000	5703	897
Capacity Analysis Module:												
Vol/Sat:	0.23	0.21	0.07	0.12	0.09	0.09	0.05	0.29	0.00	0.09	0.25	0.25
Crit Vol:		353		174				483		134		
Crit Moves:		****		****				****		****		

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

Intersection #5 Alcosta/Crow

Cycle (sec):	100	Critical Vol./Cap.(X):	0.715
Loss Time (sec):	0 (Y+R=4.0 sec)	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	80	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			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Lanes:	2 0	0 0	2	0 0	0 0	0	0 0	3 0	1	2 0	3 0	0
Volume Module:												
Base Vol:	498	0	623	0	0	0	0	1581	261	318	915	0
Growth Adj:	1.24	1.24	1.24	1.24	1.24	1.24	1.21	1.21	1.21	1.21	1.21	1.21
Initial Bse:	615	0	769	0	0	0	0	1918	317	386	1110	0
Added Vol:	0	0	36	0	0	0	0	88	0	19	82	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	615	0	805	0	0	0	0	2006	317	405	1192	0
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	615	0	805	0	0	0	0	2006	317	405	1192	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	615	0	805	0	0	0	0	2006	317	405	1192	0
RTOR Reduct:	0	0	223	0	0	0	0	0	317	0	0	0
RTOR Vol:	615	0	583	0	0	0	0	2006	0	405	1192	0
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Vol.:	615	0	583	0	0	0	0	2006	0	405	1192	0
Saturation Flow Module:												
Sat/Lane:	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720
Adjustment:	0.91	1.00	0.91	1.00	1.00	1.00	1.00	1.00	1.00	0.91	1.00	1.00
Lanes:	2.00	0.00	2.00	0.00	0.00	0.00	0.00	3.00	1.00	2.00	3.00	0.00
Final Sat.:	3127	0	3127	0	0	0	0	5160	1720	3127	5160	0
Capacity Analysis Module:												
Vol/Sat:	0.20	0.00	0.19	0.00	0.00	0.00	0.00	0.39	0.00	0.13	0.23	0.00
Crit Vol:	308				0			669		202		
Crit Moves:	****							****		****		

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

Intersection #6 Camino Ramon/Norris

Cycle (sec):	100	Critical Vol./Cap.(X):	0.787
Loss Time (sec):	0 (Y+R=4.0 sec)	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	107	Level Of Service:	C

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L -	T -	R	L -	T -	R	L -	T -	R	L -	T -	R
Control:	Protected			Protected			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Lanes:	1 0	2 0	1	1 0	1 1	0	1 0	1 1	0	1 0	1 1	0
Volume Module:												
Base Vol:	132	864	101	136	386	112	200	282	78	49	342	77
Growth Adj:	1.23	1.23	1.23	1.23	1.23	1.23	1.21	1.21	1.21	1.21	1.21	1.21
Initial Bse:	163	1065	125	168	476	138	243	342	95	59	415	93
Added Vol:	19	204	0	0	189	0	0	0	16	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	182	1269	125	168	665	138	243	342	111	59	415	93
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	182	1269	125	168	665	138	243	342	111	59	415	93
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	182	1269	125	168	665	138	243	342	111	59	415	93
RTOR Reduct:	0	0	59	0	0	0	0	0	0	0	0	0
RTOR Vol:	182	1269	65	168	665	138	243	342	111	59	415	93
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Vol.:	182	1269	65	168	665	138	243	342	111	59	415	93
Saturation Flow Module:												
Sat/Lane:	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	1.00	2.00	1.00	1.00	1.66	0.34	1.00	1.51	0.49	1.00	1.63	0.37
Final Sat.:	1650	3300	1650	1650	2733	567	1650	2494	806	1650	2694	606
Capacity Analysis Module:												
Vol/Sat:	0.11	0.38	0.04	0.10	0.24	0.24	0.15	0.14	0.14	0.04	0.15	0.15
Crit Vol:		635		168			243					254
Crit Moves:		****		****			****					****

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

Intersection #7 Camino Ramon/Executive

Cycle (sec): 100 | Critical Vol./Cap.(X): 0.579
Loss Time (sec): 0 (Y+R=4.0 sec) | Average Delay (sec/veh): xxxxxx
Optimal Cycle: 44 | Level Of Service: A

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Protected			Protected			Permitted			Permitted		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Lanes:	1 0	1 1	0	1 0	1 1	0	0 1	0 0	1	0 1	0 0	1
Volume Module:												
Base Vol:	32	698	24	15	660	41	215	11	160	117	24	76
Growth Adj:	1.22	1.22	1.22	1.22	1.22	1.22	1.18	1.18	1.18	1.18	1.18	1.18
Initial Bse:	39	854	29	18	807	50	254	13	189	138	28	90
Added Vol:	5	224	0	0	205	0	0	0	5	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	44	1078	29	18	1012	50	254	13	194	138	28	90
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	44	1078	29	18	1012	50	254	13	194	138	28	90
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	44	1078	29	18	1012	50	254	13	194	138	28	90
RTOR Reduct:	0	0	0	0	0	0	0	0	44	0	0	18
RTOR Vol:	44	1078	29	18	1012	50	254	13	150	138	28	71
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Vol.:	44	1078	29	18	1012	50	254	13	150	138	28	71
Saturation Flow Module:												
Sat/Lane:	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720	1720
Adjustment:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Lanes:	1.00	1.95	0.05	1.00	1.91	0.09	0.95	0.05	1.00	0.83	0.17	1.00
Final Sat.:	1720	3349	91	1720	3278	162	1636	84	1720	1427	293	1720
Capacity Analysis Module:												
Vol/Sat:	0.03	0.32	0.32	0.01	0.31	0.31	0.16	0.16	0.09	0.10	0.10	0.04
Crit Vol:	44				531		254				167	
Crit Moves:	****				****		****				****	

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

Intersection #8 Camino Ramon/Bishop Drive

Cycle (sec):	100	Critical Vol./Cap.(X):	0.636
Loss Time (sec):	0 (Y+R=4.0 sec)	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	63	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	2 0	1 1	0	1 0	1 0	1	1 0	1 0	1
Volume Module:												
Base Vol:	0	456	12	349	328	503	115	2	79	144	7	132
Growth Adj:	1.00	1.00	1.22	1.00	1.00	1.00	1.09	1.09	1.09	1.09	1.09	1.00
Initial Bse:	0	456	15	349	328	503	125	2	86	157	8	132
Added Vol:	0	80	126	80	29	101	68	69	76	126	132	82
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	0	536	141	429	357	604	193	71	162	283	140	214
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	536	141	429	357	604	193	71	162	283	140	214
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	536	141	429	357	604	193	71	162	283	140	214
RTOR Reduct:	0	0	0	0	0	0	0	0	0	0	0	214
RTOR Vol:	0	536	141	429	357	604	193	71	162	283	140	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	536	141	429	357	604	193	71	162	283	140	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:	0.00	1.58	0.42	2.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Sat.:	0	2614	686	3000	1650	1650	1650	1650	1650	1650	1650	1650
Capacity Analysis Module:												
Vol/Sat:	0.00	0.21	0.21	0.14	0.22	0.37	0.12	0.04	0.10	0.17	0.08	0.00
Crit Vol:	0					604			162	283		
Crit Moves:	****					****			****	****		

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

Intersection #9 San Ramon/Bollinger

Cycle (sec):	100	Critical Vol./Cap.(X):	0.837
Loss Time (sec):	0 (Y+R=4.0 sec)	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	140	Level Of Service:	D

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L - T - R			L - T - R			L - T - R			L - T - R		
Control:	Protected			Protected			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Lanes:	2 0 2	0 1		2 0 1	1 0		1 0 1	1 0		2 0 2	0 1	
Volume Module:												
Base Vol:	89	431	410	358	430	40	15	386	147	1085	580	195
Growth Adj:	1.22	1.22	1.00	1.00	1.22	1.22	1.23	1.00	1.23	1.00	1.00	1.00
Initial Bse:	108	525	410	358	524	49	18	386	181	1085	580	195
Added Vol:	0	0	23	13	0	0	0	40	0	25	46	19
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	108	525	433	371	524	49	18	426	181	1110	626	214
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	108	525	433	371	524	49	18	426	181	1110	626	214
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	108	525	433	371	524	49	18	426	181	1110	626	214
RTOR Reduct:	0	0	433	0	0	0	0	0	0	0	0	204
RTOR Vol:	108	525	0	371	524	49	18	426	181	1110	626	10
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Vol.:	108	525	0	371	524	49	18	426	181	1110	626	10
Saturation Flow Module:												
Sat/Lane:	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650
Adjustment:	0.91	1.00	1.00	0.91	1.00	1.00	1.00	1.00	1.00	0.91	1.00	1.00
Lanes:	2.00	2.00	1.00	2.00	1.83	0.17	1.00	1.40	0.60	2.00	2.00	1.00
Final Sat.:	3000	3300	1650	3000	3019	281	1650	2315	985	3000	3300	1650
Capacity Analysis Module:												
Vol/Sat:	0.04	0.16	0.00	0.12	0.17	0.17	0.01	0.18	0.18	0.37	0.19	0.01
Crit Vol:		263		186					304	555		
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):	0.669
Loss Time (sec):	0 (Y+R=4.0 sec)	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	56	Level Of Service:	B

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Split Phase			Split Phase			Permitted			Permitted		
Rights:	Include			Include			Include			Ignore		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Lanes:	0 0	1! 0	0	1 1	0 0	2	0 0	3 1	0	0 0	3 0	1
Volume Module:												
Base Vol:	5	0	101	825	21	401	0	1142	12	0	1454	1665
Growth Adj:	1.00	1.00	1.00	1.00	1.17	1.00	1.23	1.00	1.00	1.23	1.00	1.00
Initial Bse:	5	0	101	825	24	401	0	1142	12	0	1454	1665
Added Vol:	0	0	0	115	0	0	0	76	0	0	91	267
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	5	0	101	940	24	401	0	1218	12	0	1545	1932
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	24	401	0	1218	12	0	1545	1932
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	5	0	101	940	24	401	0	1218	12	0	1545	1932
RTOR Reduct:	0	0	0	0	0	0	0	0	0	0	0	0
RTOR Vol:	5	0	101	940	24	401	0	1218	12	0	1545	1932
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	24	401	0	1218	12	0	1545	1932
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	3.96	0.04	0.00	3.00	1.00
Final Sat.:	81	0	1639	3048	87	3127	0	6813	67	0	5160	1720
Capacity Analysis Module:												
Vol/Sat:	0.06	0.00	0.06	0.31	0.28	0.13	0.00	0.18	0.18	0.00	0.30	1.12
Crit Vol:			106	482			0				515	
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):	0.749
Loss Time (sec):	0 (Y+R=4.0 sec)	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	74	Level Of Service:	C

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Split Phase			Split Phase			Permitted			Permitted		
Rights:	Include			Include			Ignore			Ignore		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Lanes:	1 0 0	0	3	0 0 0	0	0	0 0	3	0 1	0 0	3	1 1
Volume Module:												
Base Vol:	512	0	1076	0	0	0	0	1688	380	0	2607	1088
Growth Adj:	1.00	1.17	1.00	1.17	1.17	1.17	1.23	1.00	1.00	1.23	1.00	1.00
Initial Bse:	512	0	1076	0	0	0	0	1688	380	0	2607	1088
Added Vol:	0	0	239	0	0	0	0	191	0	0	358	126
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	512	0	1315	0	0	0	0	1879	380	0	2965	1214
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	512	0	1315	0	0	0	0	1879	380	0	2965	1214
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	512	0	1315	0	0	0	0	1879	380	0	2965	1214
RTOR Reduct:	0	0	0	0	0	0	0	0	0	0	0	0
RTOR Vol:	512	0	1315	0	0	0	0	1879	380	0	2965	1214
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Vol.:	512	0	1315	0	0	0	0	1879	380	0	2965	1214
Saturation Flow Module:												
Sat/Lane:	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800
Adjustment:	1.00	1.00	0.87	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.91
Lanes:	1.00	0.00	3.00	0.00	0.00	0.00	0.00	3.00	1.00	0.00	3.55	1.45
Final Sat.:	1800	0	4698	0	0	0	0	5400	1800	0	6385	2377
Capacity Analysis Module:												
Vol/Sat:	0.28	0.00	0.28	0.00	0.00	0.00	0.00	0.35	0.21	0.00	0.46	0.51
Crit Vol:	512				0		0				836	
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):	1.049
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:	2 0	0 1	0	0 1	0 0	2	2 0	4 0	1	2 0	4 0	1
Volume Module:												
Base Vol:	495	35	108	142	13	1264	420	2291	53	28	1786	231
Growth Adj:	1.00	1.09	1.00	1.00	1.09	1.00	1.00	1.00	1.00	1.23	1.00	1.00
Initial Bse:	495	38	108	142	14	1264	420	2291	53	35	1786	231
Added Vol:	0	0	0	34	0	46	199	231	0	0	438	55
PasserByVol:	0	0	0	29	0	48	59	-59	0	0	-48	24
Initial Fut:	495	38	108	205	14	1358	678	2463	53	35	2176	310
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:	495	38	108	205	14	1358	678	2463	53	35	2176	310
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	495	38	108	205	14	1358	678	2463	53	35	2176	310
RTOR Reduct:	0	0	0	0	0	373	0	0	53	0	0	205
RTOR Vol:	495	38	108	205	14	985	678	2463	0	35	2176	105
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Final Vol.:	495	38	108	205	14	985	678	2463	0	35	2176	105
Saturation Flow Module:												
Sat/Lane:	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650
Adjustment:	0.91	1.00	1.00	1.00	1.00	0.91	0.91	1.00	1.00	0.91	1.00	1.00
Lanes:	2.00	0.26	0.74	0.94	0.06	2.00	2.00	4.00	1.00	2.00	4.00	1.00
Final Sat.:	3000	430	1220	1544	106	3000	3000	6600	1650	3000	6600	1650
Capacity Analysis Module:												
Vol/Sat:	0.17	0.09	0.09	0.13	0.13	0.33	0.23	0.37	0.00	0.01	0.33	0.06
Crit Vol:	248					493	339				544	
Crit Moves:	****					****	****				****	

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

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Intersection #13 Camino Ramon/Bollinger

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Cycle (sec): 100 Critical Vol./Cap.(X): 0.660
Loss Time (sec): 0 (Y+R=4.0 sec) Average Delay (sec/veh): xxxxxx
Optimal Cycle: 67 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:	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	0 1	1	2 0	4 0	1	2 0	4 0	1
Volume Module:												
Base Vol:	347	34	36	226	18	242	380	2151	22	12	1255	14
Growth Adj:	1.00	1.09	1.09	1.00	1.09	1.00	1.00	1.00	1.00	1.23	1.00	1.00
Initial Bse:	347	37	39	226	20	242	380	2151	22	15	1255	14
Added Vol:	175	70	68	112	23	92	102	104	59	24	220	41
PasserByVol:	0	0	0	0	0	0	29	-59	0	0	-24	24
Initial Fut:	522	107	107	338	43	334	511	2196	81	39	1451	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:	522	107	107	338	43	334	511	2196	81	39	1451	79
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	522	107	107	338	43	334	511	2196	81	39	1451	79
RTOR Reduct:	0	0	21	0	0	281	0	0	81	0	0	79
RTOR Vol:	522	107	86	338	43	53	511	2196	0	39	1451	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.:	522	107	86	338	43	53	511	2196	0	39	1451	0
Saturation Flow Module:												
Sat/Lane:	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650
Adjustment:	0.91	1.00	1.00	1.00	1.00	0.91	0.91	1.00	1.00	0.91	1.00	1.00
Lanes:	2.00	1.00	1.00	1.00	0.89	1.11	2.00	4.00	1.00	2.00	4.00	1.00
Final Sat.:	3000	1650	1650	1650	1471	1663	3000	6600	1650	3000	6600	1650
Capacity Analysis Module:												
Vol/Sat:	0.17	0.06	0.05	0.20	0.03	0.03	0.17	0.33	0.00	0.01	0.22	0.00
Crit Vol:		107		338			256				363	
Crit Moves:		****		****			****				****	

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

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Intersection #14 Bishop 2 Drive/Bollinger

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Cycle (sec):	100	Critical Vol./Cap.(X):	0.797
Loss Time (sec):	0 (Y+R=4.0 sec)	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	112	Level Of Service:	C

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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			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	2 0	3 1	0	2 0	4 0	1
Volume Module:												
Base Vol:	150	0	50	338	0	0	0	2498	0	50	1310	108
Growth Adj:	1.09	1.09	1.09	1.00	1.00	1.00	1.23	1.00	1.23	1.23	1.00	1.00
Initial Bse:	163	0	54	338	0	0	0	2498	0	62	1310	108
Added Vol:	107	0	101	195	0	39	45	212	26	28	140	248
PasserByVol:	0	0	0	59	0	24	0	-59	0	0	-24	24
Initial Fut:	270	0	155	592	0	63	45	2651	26	90	1426	380
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:	270	0	155	592	0	63	45	2651	26	90	1426	380
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	270	0	155	592	0	63	45	2651	26	90	1426	380
RTOR Reduct:	0	0	0	0	0	0	0	0	0	0	0	326
RTOR Vol:	270	0	155	592	0	63	45	2651	26	90	1426	54
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.:	270	0	155	592	0	63	45	2651	26	90	1426	54
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	0.91	1.00	1.00	0.91	1.00	1.00
Lanes:	1.00	0.00	1.00	2.00	0.00	1.00	2.00	3.96	0.04	2.00	4.00	1.00
Final Sat.:	1650	0	1650	3000	0	1650	3000	6536	64	3000	6600	1650
Capacity Analysis Module:												
Vol/Sat:	0.16	0.00	0.09	0.20	0.00	0.04	0.02	0.41	0.41	0.03	0.22	0.03
Crit Vol:	270			296				669		45		
Crit Moves:	****			****				****		****		

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

Intersection #15 Market/Bollinger Drive

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:	58	Level Of Service:	B

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Split Phase			Split Phase			Protected			Protected		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Lanes:	1 1 0 0 1			1 0 0 1 0			2 0 4 0 1			2 0 3 1 0		
Volume Module:												
Base Vol:	395	2	136	13	5	12	37	1912	460	42	824	8
Growth Adj:	1.09	1.09	1.09	1.09	1.09	1.09	1.23	1.23	1.23	1.23	1.23	1.23
Initial Bse:	430	2	148	14	5	13	46	2357	567	52	1016	10
Added Vol:	15	0	0	0	0	0	0	488	20	0	401	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	445	2	148	14	5	13	46	2845	587	52	1417	10
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:	445	2	148	14	5	13	46	2845	587	52	1417	10
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	445	2	148	14	5	13	46	2845	587	52	1417	10
RTOR Reduct:	0	0	28	0	0	0	0	0	245	0	0	0
RTOR Vol:	445	2	119	14	5	13	46	2845	343	52	1417	10
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.:	445	2	119	14	5	13	46	2845	343	52	1417	10
Saturation Flow Module:												
Sat/Lane:	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650
Adjustment:	0.91	1.00	1.00	1.00	1.00	1.00	0.91	1.00	1.00	0.91	1.00	1.00
Lanes:	1.99	0.01	1.00	1.00	0.29	0.71	2.00	4.00	1.00	2.00	3.97	0.03
Final Sat.:	2985	16	1650	1650	485	1165	3000	6600	1650	3000	6554	46
Capacity Analysis Module:												
Vol/Sat:	0.15	0.14	0.07	0.01	0.01	0.01	0.02	0.43	0.21	0.02	0.22	0.22
Crit Vol:	223					18		711		26		
Crit Moves:	****					****		****		****		

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

Intersection #16 Alcosta/Bollinger

Cycle (sec): 100 Critical Vol./Cap.(X): 0.802
Loss Time (sec): 0 (Y+R=4.0 sec) Average Delay (sec/veh): xxxxxx
Optimal Cycle: 115 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		2 0 3	0 1		2 0 3	0 1	
Volume Module:												
Base Vol:	154	411	127	239	404	165	260	1450	338	218	651	165
Growth Adj:	1.21	1.21	1.21	1.21	1.21	1.21	1.23	1.23	1.23	1.23	1.23	1.23
Initial Bse:	187	499	154	290	490	200	321	1788	417	269	803	203
Added Vol:	150	0	0	0	0	19	36	282	170	0	232	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	337	499	154	290	490	219	357	2070	587	269	1035	203
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:	337	499	154	290	490	219	357	2070	587	269	1035	203
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	337	499	154	290	490	219	357	2070	587	269	1035	203
RTOR Reduct:	0	0	0	0	0	196	0	0	185	0	0	159
RTOR Vol:	337	499	154	290	490	23	357	2070	402	269	1035	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.:	337	499	154	290	490	23	357	2070	402	269	1035	44
Saturation Flow Module:												
Sat/Lane:	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650
Adjustment:	0.91	1.00	1.00	0.91	1.00	1.00	0.91	1.00	1.00	0.91	1.00	1.00
Lanes:	2.00	1.53	0.47	2.00	2.00	1.00	2.00	3.00	1.00	2.00	3.00	1.00
Final Sat.:	3000	2521	779	3000	3300	1650	3000	4950	1650	3000	4950	1650
Capacity Analysis Module:												
Vol/Sat:	0.11	0.20	0.20	0.10	0.15	0.01	0.12	0.42	0.24	0.09	0.21	0.03
Crit Vol:			326	145				690		134		
Crit Moves:			****	****				****		****		