APPENDIX A

EXISTING INTERSECTION LEVEL OF SERVICE CALCULATION WORKSHEETS (ICU/HCM)

Dana Point Town Center
AM Existing

Level Of Service Computation Report
ICU 1(Loss as Cycle Length %) Method (Future Volume Alternative)

Intersection #1 PCH & Blue Lantern

Cycle (sec):	100	Critical Vol./Cap.(X):	0.426
Loss Time (sec):	5	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	21	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
Y+R:	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Lanes:	1 0	1	1 0	1 0	1	0 1	1 0	1	1 0	1 0	1	1 0
Volume Module:												
Base Vol:	48	9	18	40	5	9	7	816	11	34	1071	41
Growth Adj:	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03
Initial Bse:	49	9	19	41	5	9	7	840	11	35	1103	42
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:	49	9	19	41	5	9	7	840	11	35	1103	42
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:	49	9	19	41	5	9	7	840	11	35	1103	42
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	49	9	19	41	5	9	7	840	11	35	1103	42
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
FinalVolume:	49	9	19	41	5	9	7	840	11	35	1103	42
Saturation Flow Module:												
Sat/Lane:	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700
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	1.00	1.00	1.00	1.00	1.97	0.03	1.00	1.93	0.07
Final Sat.:	1700	1700	1700	1700	1700	1700	1700	3355	45	1700	3275	125
Capacity Analysis Module:												
Vol/Sat:	0.03	0.01	0.01	0.02	0.00	0.01	0.00	0.25	0.25	0.02	0.34	0.34
Crit Moves:	****					****	****				****	

Dana Point Town Center
AM Existing

Level Of Service Computation Report
2000 HCM Unsignalized Method (Future Volume Alternative)

Intersection #2 PCH & Ruby Lantern

Average Delay (sec/veh): 0.8 Worst Case Level Of Service: C[23.9]

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			Uncontrolled			Uncontrolled		
Rights:	Include			Include			Include			Include		
Lanes:	0 1 0	0 0		0 0 0	1 0		0 0 0	0 0		1 0	1 1	0
Volume Module:												
Base Vol:	5	15	0	0	13	10	0	0	0	10	1146	3
Growth Adj:	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03
Initial Bse:	5	15	0	0	13	10	0	0	0	10	1180	3
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	5	15	0	0	13	10	0	0	0	10	1180	3
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	5	15	0	0	13	10	0	0	0	10	1180	3
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
FinalVolume:	5	15	0	0	13	10	0	0	0	10	1180	3
Critical Gap Module:												
Critical Gp:	7.1	6.5	xxxxx	xxxxx	6.5	6.2	xxxxx	xxxx	xxxxx	4.1	xxxx	xxxxx
FollowUpTim:	3.5	4.0	xxxxx	xxxxx	4.0	3.3	xxxxx	xxxx	xxxxx	2.2	xxxx	xxxxx
Capacity Module:												
Cnflict Vol:	617	1204	xxxxx	xxxx	1203	592	xxxx	xxxx	xxxxx	0	xxxx	xxxxx
Potent Cap.:	405	186	xxxxx	xxxx	186	510	xxxx	xxxx	xxxxx	1636	xxxx	xxxxx
Move Cap.:	373	184	xxxxx	xxxx	185	510	xxxx	xxxx	xxxxx	1636	xxxx	xxxxx
Volume/Cap:	0.01	0.08	xxxx	xxxx	0.07	0.02	xxxx	xxxx	xxxx	0.01	xxxx	xxxx
Level Of Service Module:												
2Way95thQ:	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	0.0	xxxx	xxxxx
Control Del:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	7.2	xxxx	xxxxx
LOS by Move:	*	*	*	*	*	*	*	*	*	A	*	*
Movement:	LT	LTR	RT	LT	LTR	RT	LT	LTR	RT	LT	LTR	RT
Shared Cap.:	211	xxxx	xxxxx	xxxx	xxxx	256	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx
SharedQueue:	0.3	xxxx	xxxxx	xxxxx	xxxx	0.3	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
Shrd ConDel:	23.9	xxxx	xxxxx	xxxxx	xxxx	20.5	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
Shared LOS:	C	*	*	*	*	C	*	*	*	*	*	*
ApproachDel:	23.9			20.5			xxxxxx			xxxxxx		
ApproachLOS:	C			C			*			*		

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

Dana Point Town Center
AM Existing

Level Of Service Computation Report
ICU 1(Loss as Cycle Length %) Method (Future Volume Alternative)

Intersection #3 PCH & Amber Lantern

Cycle (sec):	100	Critical Vol./Cap.(X):	0.382
Loss Time (sec):	5	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	19	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			Permitted			Permitted		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Lanes:	0	1	0	0	0	0	0	1	0	0	0	0
Volume Module:												
Base Vol:	21	18	0	0	46	33	0	0	0	108	1225	13
Growth Adj:	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03
Initial Bse:	22	19	0	0	47	34	0	0	0	111	1262	13
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:	22	19	0	0	47	34	0	0	0	111	1262	13
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:	22	19	0	0	47	34	0	0	0	111	1262	13
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	22	19	0	0	47	34	0	0	0	111	1262	13
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
FinalVolume:	22	19	0	0	47	34	0	0	0	111	1262	13
Saturation Flow Module:												
Sat/Lane:	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700
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:	0.54	0.46	0.00	0.00	0.58	0.42	0.00	0.00	0.00	0.24	2.73	0.03
Final Sat.:	915	785	0	0	990	710	0	0	0	409	4642	49
Capacity Analysis Module:												
Vol/Sat:	0.01	0.02	0.00	0.00	0.05	0.05	0.00	0.00	0.00	0.07	0.27	0.27
Crit Moves:	****				****						****	

Dana Point Town Center
AM Existing

Level Of Service Computation Report
ICU 1(Loss as Cycle Length %) Method (Future Volume Alternative)

Intersection #4 PCH & Violet Lantern

Cycle (sec):	100	Critical Vol./Cap.(X):	0.367
Loss Time (sec):	5	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	19	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			Permitted			Permitted		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Lanes:	1 0	1 0	0	0 0	1 0	1	0 0	0 0	0	0 1	1 1	0
Volume Module:												
Base Vol:	39	20	0	0	17	28	0	0	0	77	1275	18
Growth Adj:	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03
Initial Bse:	40	21	0	0	18	29	0	0	0	79	1313	19
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:	40	21	0	0	18	29	0	0	0	79	1313	19
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:	40	21	0	0	18	29	0	0	0	79	1313	19
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	40	21	0	0	18	29	0	0	0	79	1313	19
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
FinalVolume:	40	21	0	0	18	29	0	0	0	79	1313	19
Saturation Flow Module:												
Sat/Lane:	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700
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	0.00	0.00	1.00	1.00	0.00	0.00	0.00	0.17	2.79	0.04
Final Sat.:	1700	1700	0	0	1700	1700	0	0	0	287	4746	67
Capacity Analysis Module:												
Vol/Sat:	0.02	0.01	0.00	0.00	0.01	0.02	0.00	0.00	0.00	0.05	0.28	0.28
Crit Moves:	****					****					****	

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Dana Point Town Center
AM Existing

Level Of Service Computation Report
ICU 1(Loss as Cycle Length %) Method (Future Volume Alternative)

Intersection #5 PCH & Golden Lantern

Cycle (sec):	100	Critical Vol./Cap.(X):	0.520
Loss Time (sec):	5	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	25	Level Of Service:	A

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Protected			Permitted			Permitted			Permitted		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Lanes:	1 0	2 0	0	0 0	2 0	1	0 0	0 0	0	1 0	2 1	0
Volume Module:												
Base Vol:	76	78	0	0	441	238	0	0	0	90	1236	151
Growth Adj:	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03
Initial Bse:	78	80	0	0	454	245	0	0	0	93	1273	156
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:	78	80	0	0	454	245	0	0	0	93	1273	156
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:	78	80	0	0	454	245	0	0	0	93	1273	156
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	78	80	0	0	454	245	0	0	0	93	1273	156
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
FinalVolume:	78	80	0	0	454	245	0	0	0	93	1273	156
Saturation Flow Module:												
Sat/Lane:	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700
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	0.00	0.00	0.00	1.00	2.67	0.33
Final Sat.:	1700	3400	0	0	3400	1700	0	0	0	1700	4545	555
Capacity Analysis Module:												
Vol/Sat:	0.05	0.02	0.00	0.00	0.13	0.14	0.00	0.00	0.00	0.05	0.28	0.28
Crit Moves:	****					****					****	

Dana Point Town Center
AM Existing

Level Of Service Computation Report
ICU 1(Loss as Cycle Length %) Method (Future Volume Alternative)

Intersection #6 PCH & Del Prado

Cycle (sec):	100	Critical Vol./Cap.(X):	0.529
Loss Time (sec):	5	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	25	Level Of Service:	A

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Split Phase			Split Phase			Protected			Permitted		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Lanes:	0 0	0	0 0	1 0	0	0 0	1 0	2	0 0	0 0	1	1 0
Volume Module:												
Base Vol:	0	0	0	25	0	0	9	1139	0	0	1493	21
Growth Adj:	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03
Initial Bse:	0	0	0	26	0	0	9	1173	0	0	1538	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:	0	0	0	26	0	0	9	1173	0	0	1538	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:	0	0	0	26	0	0	9	1173	0	0	1538	22
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	0	0	26	0	0	9	1173	0	0	1538	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
FinalVolume:	0	0	0	26	0	0	9	1173	0	0	1538	22
Saturation Flow Module:												
Sat/Lane:	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700
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	1.00	0.00	0.00	1.00	2.00	0.00	0.00	1.97	0.03
Final Sat.:	0	0	0	1700	0	0	1700	3400	0	0	3353	47
Capacity Analysis Module:												
Vol/Sat:	0.00	0.00	0.00	0.02	0.00	0.00	0.01	0.35	0.00	0.00	0.46	0.46
Crit Moves:				****			****				****	

Dana Point Town Center
AM Existing

Level Of Service Computation Report
ICU 1(Loss as Cycle Length %) Method (Future Volume Alternative)

Intersection #7 PCH & Crystal Lantern

Cycle (sec):	100	Critical Vol./Cap.(X):	0.533
Loss Time (sec):	5	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	90	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
Y+R:	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Lanes:	0	0	1! 0	0	1	0 0	1	0	1 1	0	1	0 2 0 1
Volume Module:												
Base Vol:	4	1	6	105	2	20	16	1060	7	9	1332	62
Growth Adj:	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03
Initial Bse:	4	1	6	108	2	21	16	1092	7	9	1372	64
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:	4	1	6	108	2	21	16	1092	7	9	1372	64
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:	4	1	6	108	2	21	16	1092	7	9	1372	64
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	4	1	6	108	2	21	16	1092	7	9	1372	64
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
FinalVolume:	4	1	6	108	2	21	16	1092	7	9	1372	64
Saturation Flow Module:												
Sat/Lane:	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700
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:	0.36	0.09	0.55	0.98	0.02	1.00	1.00	1.99	0.01	1.00	2.00	1.00
Final Sat.:	618	155	927	1668	32	1700	1700	3378	22	1700	3400	1700
Capacity Analysis Module:												
Vol/Sat:	0.00	0.01	0.01	0.06	0.06	0.01	0.01	0.32	0.32	0.01	0.40	0.04
Crit Moves:		****		****			****				****	

Dana Point Town Center
AM Existing

Level Of Service Computation Report
2000 HCM Unsignalized Method (Future Volume Alternative)

Intersection #9 Del Prado & Ruby Lantern

Average Delay (sec/veh): 0.7 Worst Case Level Of Service: C[17.6]

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					Uncontrolled					Uncontrolled				
Rights:	Include					Include					Include					Include				
Lanes:	0	0	0	1	0	0	1	0	0	0	0	1	1	0	1	0	0	0	0	0
Volume Module:																				
Base Vol:	0	12		2		23	5		0		3	874		1		0	0		0	
Growth Adj:	1.03	1.03		1.03		1.03	1.03		1.03		1.03	1.03		1.03		1.03	1.03		1.03	
Initial Bse:	0	12		2		24	5		0		3	900		1		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	12		2		24	5		0		3	900		1		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:	0	12		2		24	5		0		3	900		1		0	0		0	
Reduct Vol:	0	0		0		0	0		0		0	0		0		0	0		0	
FinalVolume:	0	12		2		24	5		0		3	900		1		0	0		0	
Critical Gap Module:																				
Critical Gp:	xxxxx	6.5		6.2		7.1	6.5		xxxxx		4.1	xxxx		xxxxx		xxxxx	xxxx		xxxxx	
FollowUpTim:	xxxxx	4.0		3.3		3.5	4.0		xxxxx		2.2	xxxx		xxxxx		xxxxx	xxxx		xxxxx	
Capacity Module:																				
Cnflict Vol:	xxxx	906		450		462	907		xxxxx		0	xxxx		xxxxx		xxxx	xxxx		xxxxx	
Potent Cap.:	xxxx	278		613		513	278		xxxxx		1636	xxxx		xxxxx		xxxx	xxxx		xxxxx	
Move Cap.:	xxxx	277		613		493	277		xxxxx		1636	xxxx		xxxxx		xxxx	xxxx		xxxxx	
Volume/Cap:	xxxx	0.04		0.00		0.05	0.02		xxxx		0.00	xxxx		xxxx		xxxx	xxxx		xxxx	
Level Of Service Module:																				
2Way95thQ:	xxxx	xxxx		xxxxx		xxxx	xxxx		xxxxx		0.0	xxxx		xxxxx		xxxx	xxxx		xxxxx	
Control Del:	xxxxx	xxxx		xxxxx		xxxxx	xxxx		xxxxx		7.2	xxxx		xxxxx		xxxxx	xxxx		xxxxx	
LOS by Move:	*	*		*		*	*		*		A	*		*		*	*		*	
Movement:	LT	-	LTR	-	RT	LT	-	LTR	-	RT	LT	-	LTR	-	RT	LT	-	LTR	-	RT
Shared Cap.:	xxxx	xxxx		301		433	xxxx		xxxxx		xxxx	xxxx		xxxxx		xxxx	xxxx		xxxxx	
SharedQueue:	xxxxx	xxxx		0.2		0.2	xxxx		xxxxx		0.0	xxxx		xxxxx		xxxxx	xxxx		xxxxx	
Shrd ConDel:	xxxxx	xxxx		17.6		13.9	xxxx		xxxxx		7.2	xxxx		xxxxx		xxxxx	xxxx		xxxxx	
Shared LOS:	*	*		C		B	*		*		A	*		*		*	*		*	
ApproachDel:		17.6					13.9					xxxxxx					xxxxxx			
ApproachLOS:		C					B					*					*			

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

Dana Point Town Center
AM Existing

Level Of Service Computation Report
ICU 1(Loss as Cycle Length %) Method (Future Volume Alternative)

Intersection #10 Del Prado & Amber Lantern

Cycle (sec):	100	Critical Vol./Cap.(X):	0.327
Loss Time (sec):	5	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	18	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			Permitted			Permitted		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	0	0	0 1	0	0 1	0 0	0	1 1	1 0	0	0 0	0 0
Volume Module:												
Base Vol:	0	15	26	100	28	0	45	879	23	0	0	0
Growth Adj:	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03
Initial Bse:	0	15	27	103	29	0	46	905	24	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	15	27	103	29	0	46	905	24	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:	0	15	27	103	29	0	46	905	24	0	0	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	15	27	103	29	0	46	905	24	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
FinalVolume:	0	15	27	103	29	0	46	905	24	0	0	0
Saturation Flow Module:												
Sat/Lane:	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700
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	0.37	0.63	0.78	0.22	0.00	0.14	2.79	0.07	0.00	0.00	0.00
Final Sat.:	0	622	1078	1328	372	0	242	4734	124	0	0	0
Capacity Analysis Module:												
Vol/Sat:	0.00	0.02	0.02	0.06	0.08	0.00	0.03	0.19	0.19	0.00	0.00	0.00
Crit Moves:		****		****				****				

Dana Point Town Center
AM Existing

Level Of Service Computation Report
ICU 1(Loss as Cycle Length %) Method (Future Volume Alternative)

Intersection #11 Del Prado & Violet Lantern

Cycle (sec):	100	Critical Vol./Cap.(X):	0.290
Loss Time (sec):	5	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	17	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			Permitted			Permitted		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	0	0	0	1	0	0	1	0	0	0	0	1	1	1	0	0	0	0	0	0
Volume Module:												
Base Vol:	0	12	15	49	27	0	23	938	1	0	0	0
Growth Adj:	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03
Initial Bse:	0	12	15	50	28	0	24	966	1	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	12	15	50	28	0	24	966	1	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:	0	12	15	50	28	0	24	966	1	0	0	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	12	15	50	28	0	24	966	1	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
FinalVolume:	0	12	15	50	28	0	24	966	1	0	0	0
Saturation Flow Module:												
Sat/Lane:	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700
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	0.44	0.56	0.64	0.36	0.00	0.07	2.92	0.01	0.00	0.00	0.00
Final Sat.:	0	756	944	1096	604	0	122	4973	5	0	0	0
Capacity Analysis Module:												
Vol/Sat:	0.00	0.02	0.02	0.03	0.05	0.00	0.01	0.19	0.19	0.00	0.00	0.00
Crit Moves:		****		****				****				

Dana Point Town Center
AM Existing

Level Of Service Computation Report
ICU 1(Loss as Cycle Length %) Method (Future Volume Alternative)

Intersection #12 Del Prado & Golden Lantern

Cycle (sec):	100	Critical Vol./Cap.(X):	0.368
Loss Time (sec):	5	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	19	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			Protected			Permitted			Permitted		
Rights:	Ignore			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Lanes:	0 0	2	0 1	2	0 1	0 0	1 0	3	0 1	0 0	0	0 0
Volume Module:												
Base Vol:	0	200	41	341	199	0	68	765	127	0	0	0
Growth Adj:	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03
Initial Bse:	0	206	42	351	205	0	70	788	131	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	206	42	351	205	0	70	788	131	0	0	0
User Adj:	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	206	0	351	205	0	70	788	131	0	0	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	206	0	351	205	0	70	788	131	0	0	0
PCE Adj:	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	0	206	0	351	205	0	70	788	131	0	0	0
Saturation Flow Module:												
Sat/Lane:	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700
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	2.00	1.00	2.00	1.00	0.00	1.00	3.00	1.00	0.00	0.00	0.00
Final Sat.:	0	3400	1700	3400	1700	0	1700	5100	1700	0	0	0
Capacity Analysis Module:												
Vol/Sat:	0.00	0.06	0.00	0.10	0.12	0.00	0.04	0.15	0.08	0.00	0.00	0.00
Crit Moves:		****		****				****				

Dana Point Town Center
PM Existing

Level Of Service Computation Report
ICU 1(Loss as Cycle Length %) Method (Future Volume Alternative)

Intersection #1 PCH & Blue Lantern

Cycle (sec):	100	Critical Vol./Cap.(X):	0.497
Loss Time (sec):	5	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	23	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
Y+R:	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Lanes:	1 0	1	1 0	1 0	1	0 1	1 0	1	1 0	1 0	1	1 0
Volume Module:												
Base Vol:	61	25	52	35	8	4	14	1146	10	72	1024	52
Growth Adj:	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03
Initial Bse:	63	26	54	36	8	4	14	1180	10	74	1055	54
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	63	26	54	36	8	4	14	1180	10	74	1055	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:	63	26	54	36	8	4	14	1180	10	74	1055	54
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	63	26	54	36	8	4	14	1180	10	74	1055	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
FinalVolume:	63	26	54	36	8	4	14	1180	10	74	1055	54
Saturation Flow Module:												
Sat/Lane:	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700
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	1.00	1.00	1.00	1.00	1.98	0.02	1.00	1.90	0.10
Final Sat.:	1700	1700	1700	1700	1700	1700	1700	3371	29	1700	3236	164
Capacity Analysis Module:												
Vol/Sat:	0.04	0.02	0.03	0.02	0.00	0.00	0.01	0.35	0.35	0.04	0.33	0.33
Crit Moves:			****	****				****		****		

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Dana Point Town Center
PM Existing

Level Of Service Computation Report
2000 HCM Unsignalized Method (Future Volume Alternative)

Intersection #2 PCH & Ruby Lantern

Average Delay (sec/veh): 1.3 Worst Case Level Of Service: C[22.8]

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			Uncontrolled			Uncontrolled		
Rights:	Include			Include			Include			Include		
Lanes:	0 1 0	0 0		0 0 0	1 0		0 0 0	0 0		1 0	1 1	0
Volume Module:												
Base Vol:	5	8	0	0	30	23	0	0	0	7	1148	5
Growth Adj:	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03
Initial Bse:	5	8	0	0	31	24	0	0	0	7	1182	5
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	5	8	0	0	31	24	0	0	0	7	1182	5
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	8	0	0	31	24	0	0	0	7	1182	5
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
FinalVolume:	5	8	0	0	31	24	0	0	0	7	1182	5
Critical Gap Module:												
Critical Gp:	7.1	6.5	xxxxx	xxxxx	6.5	6.2	xxxxx	xxxx	xxxxx	4.1	xxxx	xxxxx
FollowUpTim:	3.5	4.0	xxxxx	xxxxx	4.0	3.3	xxxxx	xxxx	xxxxx	2.2	xxxx	xxxxx
Capacity Module:												
Cnflict Vol:	621	1202	xxxxx	xxxx	1199	594	xxxx	xxxx	xxxxx	0	xxxx	xxxxx
Potent Cap.:	403	186	xxxxx	xxxx	187	509	xxxx	xxxx	xxxxx	1636	xxxx	xxxxx
Move Cap.:	334	185	xxxxx	xxxx	186	509	xxxx	xxxx	xxxxx	1636	xxxx	xxxxx
Volume/Cap:	0.02	0.04	xxxx	xxxx	0.17	0.05	xxxx	xxxx	xxxx	0.00	xxxx	xxxx
Level Of Service Module:												
2Way95thQ:	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx	0.0	xxxx	xxxxx
Control Del:	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx	7.2	xxxx	xxxxx
LOS by Move:	*	*	*	*	*	*	*	*	*	A	*	*
Movement:	LT -	LTR -	RT	LT -	LTR -	RT	LT -	LTR -	RT	LT -	LTR -	RT
Shared Cap.:	224	xxxx	xxxxx	xxxx	xxxx	257	xxxx	xxxx	xxxxx	xxxx	xxxx	xxxxx
SharedQueue:	0.2	xxxx	xxxxx	xxxxx	xxxx	0.8	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
Shrd ConDel:	22.1	xxxx	xxxxx	xxxxx	xxxx	22.8	xxxxx	xxxx	xxxxx	xxxxx	xxxx	xxxxx
Shared LOS:	C	*	*	*	*	C	*	*	*	*	*	*
ApproachDel:	22.1			22.8			xxxxxx			xxxxxx		
ApproachLOS:	C			C			*			*		

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

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Dana Point Town Center
PM Existing

Level Of Service Computation Report
ICU 1(Loss as Cycle Length %) Method (Future Volume Alternative)

Intersection #3 PCH & Amber Lantern

Cycle (sec):	100	Critical Vol./Cap.(X):	0.361
Loss Time (sec):	5	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	19	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			Permitted			Permitted		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Lanes:	0	1	0	0	0	0	0	1	0	0	0	0
Volume Module:												
Base Vol:	37	42	0	0	52	15	0	0	0	85	1094	47
Growth Adj:	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03
Initial Bse:	38	43	0	0	54	15	0	0	0	88	1127	48
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:	38	43	0	0	54	15	0	0	0	88	1127	48
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	38	43	0	0	54	15	0	0	0	88	1127	48
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	38	43	0	0	54	15	0	0	0	88	1127	48
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
FinalVolume:	38	43	0	0	54	15	0	0	0	88	1127	48
Saturation Flow Module:												
Sat/Lane:	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700
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:	0.47	0.53	0.00	0.00	0.78	0.22	0.00	0.00	0.00	0.21	2.68	0.11
Final Sat.:	796	904	0	0	1319	381	0	0	0	354	4551	196
Capacity Analysis Module:												
Vol/Sat:	0.02	0.05	0.00	0.00	0.04	0.04	0.00	0.00	0.00	0.05	0.25	0.25
Crit Moves:	****				****						****	

Dana Point Town Center
PM Existing

Level Of Service Computation Report
ICU 1(Loss as Cycle Length %) Method (Future Volume Alternative)

Intersection #4 PCH & Violet Lantern

Cycle (sec):	100	Critical Vol./Cap.(X):	0.378
Loss Time (sec):	5	Average Delay (sec/veh):	xxxxx
Optimal Cycle:	19	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			Permitted			Permitted		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Lanes:	1	0 1	0 0	0	0 1	0 1	0	0 0	0 0	0	1 1	1 0
Volume Module:												
Base Vol:	61	63	0	0	47	57	0	0	0	79	1155	67
Growth Adj:	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03
Initial Bse:	63	65	0	0	48	59	0	0	0	81	1190	69
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:	63	65	0	0	48	59	0	0	0	81	1190	69
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:	63	65	0	0	48	59	0	0	0	81	1190	69
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	63	65	0	0	48	59	0	0	0	81	1190	69
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
FinalVolume:	63	65	0	0	48	59	0	0	0	81	1190	69
Saturation Flow Module:												
Sat/Lane:	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700
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	0.00	0.00	1.00	1.00	0.00	0.00	0.00	0.18	2.67	0.15
Final Sat.:	1700	1700	0	0	1700	1700	0	0	0	310	4528	263
Capacity Analysis Module:												
Vol/Sat:	0.04	0.04	0.00	0.00	0.03	0.03	0.00	0.00	0.00	0.05	0.26	0.26
Crit Moves:	****				****						****	

Dana Point Town Center
PM Existing

Level Of Service Computation Report
ICU 1(Loss as Cycle Length %) Method (Future Volume Alternative)

Intersection #5 PCH & Golden Lantern

Cycle (sec):	100	Critical Vol./Cap.(X):	0.570
Loss Time (sec):	5	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	27	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			Permitted			Permitted			Permitted		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Lanes:	1 0	2 0	0	0 0	2 0	1	0 0	0 0	0	1 0	2 1	0
Volume Module:												
Base Vol:	253	397	0	0	422	205	0	0	0	223	977	204
Growth Adj:	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03
Initial Bse:	261	409	0	0	435	211	0	0	0	230	1006	210
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	261	409	0	0	435	211	0	0	0	230	1006	210
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	261	409	0	0	435	211	0	0	0	230	1006	210
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	261	409	0	0	435	211	0	0	0	230	1006	210
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
FinalVolume:	261	409	0	0	435	211	0	0	0	230	1006	210
Saturation Flow Module:												
Sat/Lane:	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700
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	0.00	0.00	0.00	1.00	2.48	0.52
Final Sat.:	1700	3400	0	0	3400	1700	0	0	0	1700	4219	881
Capacity Analysis Module:												
Vol/Sat:	0.15	0.12	0.00	0.00	0.13	0.12	0.00	0.00	0.00	0.14	0.24	0.24
Crit Moves:	****				****						****	

Dana Point Town Center
PM Existing

Level Of Service Computation Report
ICU 1(Loss as Cycle Length %) Method (Future Volume Alternative)

Intersection #6 PCH & Del Prado

Cycle (sec):	100	Critical Vol./Cap.(X):	0.542
Loss Time (sec):	5	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	180	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			Permitted		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Lanes:	0 0	0 0	0 0	0 0	1! 0	0	1 0	2 0	0	0 0	1 1	0
Volume Module:												
Base Vol:	0	0	0	17	0	2	38	1585	0	0	1420	47
Growth Adj:	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03
Initial Bse:	0	0	0	18	0	2	39	1633	0	0	1463	48
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	18	0	2	39	1633	0	0	1463	48
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	18	0	2	39	1633	0	0	1463	48
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	0	0	18	0	2	39	1633	0	0	1463	48
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
FinalVolume:	0	0	0	18	0	2	39	1633	0	0	1463	48
Saturation Flow Module:												
Sat/Lane:	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700
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	0.89	xxxx	0.11	1.00	2.00	0.00	0.00	1.94	0.06
Final Sat.:	0	0	0	1521	0	179	1700	3400	0	0	3291	109
Capacity Analysis Module:												
Vol/Sat:	0.00	0.00	0.00	0.01	0.00	0.01	0.02	0.48	0.00	0.00	0.44	0.44
Crit Moves:				****				****				

Dana Point Town Center
PM Existing

Level Of Service Computation Report
ICU 1(Loss as Cycle Length %) Method (Future Volume Alternative)

Intersection #7 PCH & Crystal Lantern

Cycle (sec):	100	Critical Vol./Cap.(X):	0.585
Loss Time (sec):	5	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	90	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
Y+R:	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Lanes:	0	0	1! 0	0	0	1	0	0	1	1	0	1	1	0	1	0	2	0	1
Volume Module:												
Base Vol:	11	0	10	96	2	27	33	1488	7	18	1289	83
Growth Adj:	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03
Initial Bse:	11	0	10	99	2	28	34	1533	7	19	1328	85
Added Vol:	0	0	0	0	0	0	0	0	0	0	0	0
PasserByVol:	0	0	0	0	0	0	0	0	0	0	0	0
Initial Fut:	11	0	10	99	2	28	34	1533	7	19	1328	85
User Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	11	0	10	99	2	28	34	1533	7	19	1328	85
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	11	0	10	99	2	28	34	1533	7	19	1328	85
PCE Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	11	0	10	99	2	28	34	1533	7	19	1328	85
Saturation Flow Module:												
Sat/Lane:	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700
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:	0.52	0.01	0.47	0.98	0.02	1.00	1.00	1.99	0.01	1.00	2.00	1.00
Final Sat.:	890	0	810	1665	35	1700	1700	3384	16	1700	3400	1700
Capacity Analysis Module:												
Vol/Sat:	0.01	0.00	0.01	0.06	0.06	0.02	0.02	0.45	0.45	0.01	0.39	0.05
Crit Moves:			****	****				****		****		

Dana Point Town Center
PM Existing

Level Of Service Computation Report
2000 HCM Unsignalized Method (Future Volume Alternative)

Intersection #9 Del Prado & Ruby Lantern

Average Delay (sec/veh): 0.7 Worst Case Level Of Service: C[24.8]

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					Uncontrolled					Uncontrolled				
Rights:	Include					Include					Include					Include				
Lanes:	0	0	0	1	0	0	1	0	0	0	0	1	1	0	1	0	0	0	0	0
Volume Module:																				
Base Vol:	0	5		1		35	6		0		3	1233		1		0	0		0	
Growth Adj:	1.03	1.03		1.03		1.03	1.03		1.03		1.03	1.03		1.03		1.03	1.03		1.03	
Initial Bse:	0	5		1		36	6		0		3	1270		1		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	5		1		36	6		0		3	1270		1		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:	0	5		1		36	6		0		3	1270		1		0	0		0	
Reduct Vol:	0	0		0		0	0		0		0	0		0		0	0		0	
FinalVolume:	0	5		1		36	6		0		3	1270		1		0	0		0	
Critical Gap Module:																				
Critical Gp:	xxxxx	6.5		6.2		7.1	6.5		xxxxx		4.1	xxxx		xxxxx		xxxxx	xxxx		xxxxx	
FollowUpTim:	xxxxx	4.0		3.3		3.5	4.0		xxxxx		2.2	xxxx		xxxxx		xxxxx	xxxx		xxxxx	
Capacity Module:																				
Cnflict Vol:	xxxx	1276		635		644	1277		xxxxx		0	xxxx		xxxxx		xxxx	xxxx		xxxxx	
Potent Cap.:	xxxx	168		482		389	168		xxxxx		1636	xxxx		xxxxx		xxxx	xxxx		xxxxx	
Move Cap.:	xxxx	168		482		378	168		xxxxx		1636	xxxx		xxxxx		xxxx	xxxx		xxxxx	
Volume/Cap:	xxxx	0.03		0.00		0.10	0.04		xxxx		0.00	xxxx		xxxx		xxxx	xxxx		xxxx	
Level Of Service Module:																				
2Way95thQ:	xxxx	xxxx		xxxxx		xxxx	xxxx		xxxxx		0.0	xxxx		xxxxx		xxxx	xxxx		xxxxx	
Control Del:	xxxxx	xxxx		xxxxx		xxxxx	xxxx		xxxxx		7.2	xxxx		xxxxx		xxxxx	xxxx		xxxxx	
LOS by Move:	*	*		*		*	*		*		A	*		*		*	*		*	
Movement:	LT	-	LTR	-	RT	LT	-	LTR	-	RT	LT	-	LTR	-	RT	LT	-	LTR	-	RT
Shared Cap.:	xxxx	xxxx		188		320	xxxx		xxxxx		xxxx	xxxx		xxxxx		xxxx	xxxx		xxxxx	
SharedQueue:	xxxxx	xxxx		0.1		0.5	xxxx		xxxxx		0.0	xxxx		xxxxx		xxxxx	xxxx		xxxxx	
Shrd ConDel:	xxxxx	xxxx		24.8		18.0	xxxx		xxxxx		7.2	xxxx		xxxxx		xxxxx	xxxx		xxxxx	
Shared LOS:	*	*		C		C	*		*		A	*		*		*	*		*	
ApproachDel:		24.8					18.0					xxxxxx					xxxxxx			
ApproachLOS:		C					C					*					*			

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

Dana Point Town Center
PM Existing

Level Of Service Computation Report
ICU 1(Loss as Cycle Length %) Method (Future Volume Alternative)

Intersection #10 Del Prado & Amber Lantern

Cycle (sec):	100	Critical Vol./Cap.(X):	0.390
Loss Time (sec):	5	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	20	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			Permitted			Permitted		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	0 0	0 1	0	0 1	0 0	0	0 1	1 1	0	0 0	0 0	0
Volume Module:												
Base Vol:	0	14	33	105	42	0	60	1141	26	0	0	0
Growth Adj:	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03
Initial Bse:	0	14	34	108	43	0	62	1175	27	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	14	34	108	43	0	62	1175	27	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:	0	14	34	108	43	0	62	1175	27	0	0	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	14	34	108	43	0	62	1175	27	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
FinalVolume:	0	14	34	108	43	0	62	1175	27	0	0	0
Saturation Flow Module:												
Sat/Lane:	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700
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	0.30	0.70	0.71	0.29	0.00	0.15	2.79	0.06	0.00	0.00	0.00
Final Sat.:	0	506	1194	1214	486	0	249	4743	108	0	0	0
Capacity Analysis Module:												
Vol/Sat:	0.00	0.03	0.03	0.06	0.09	0.00	0.04	0.25	0.25	0.00	0.00	0.00
Crit Moves:		****		****				****				

Dana Point Town Center
PM Existing

Level Of Service Computation Report
ICU 1(Loss as Cycle Length %) Method (Future Volume Alternative)

Intersection #11 Del Prado & Violet Lantern

Cycle (sec):	100	Critical Vol./Cap.(X):	0.387
Loss Time (sec):	5	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	20	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			Permitted			Permitted		
Rights:	Include			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Lanes:	0 0	0 1	0	0 1	0 0	0	0 1	1 1	0	0 0	0 0	0
Volume Module:												
Base Vol:	0	6	5	89	29	0	24	1289	3	0	0	0
Growth Adj:	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03
Initial Bse:	0	6	5	92	30	0	25	1328	3	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	6	5	92	30	0	25	1328	3	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:	0	6	5	92	30	0	25	1328	3	0	0	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	6	5	92	30	0	25	1328	3	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
FinalVolume:	0	6	5	92	30	0	25	1328	3	0	0	0
Saturation Flow Module:												
Sat/Lane:	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700
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	0.55	0.45	0.75	0.25	0.00	0.05	2.94	0.01	0.00	0.00	0.00
Final Sat.:	0	927	773	1282	418	0	93	4995	12	0	0	0
Capacity Analysis Module:												
Vol/Sat:	0.00	0.01	0.01	0.05	0.07	0.00	0.01	0.27	0.27	0.00	0.00	0.00
Crit Moves:	****				****			****				

Dana Point Town Center
PM Existing

Level Of Service Computation Report
ICU 1(Loss as Cycle Length %) Method (Future Volume Alternative)

Intersection #12 Del Prado & Golden Lantern

Cycle (sec):	100	Critical Vol./Cap.(X):	0.532
Loss Time (sec):	5	Average Delay (sec/veh):	xxxxxx
Optimal Cycle:	25	Level Of Service:	A

Approach:	North Bound			South Bound			East Bound			West Bound		
Movement:	L	T	R	L	T	R	L	T	R	L	T	R
Control:	Permitted			Protected			Permitted			Permitted		
Rights:	Ignore			Include			Include			Include		
Min. Green:	0	0	0	0	0	0	0	0	0	0	0	0
Y+R:	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
Lanes:	0 0	2	0 1	2	0 1	0 0	1 0	3	0 1	0 0	0	0 0
Volume Module:												
Base Vol:	0	466	26	379	231	0	150	1121	103	0	0	0
Growth Adj:	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03
Initial Bse:	0	480	27	390	238	0	155	1155	106	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	480	27	390	238	0	155	1155	106	0	0	0
User Adj:	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Adj:	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
PHF Volume:	0	480	0	390	238	0	155	1155	106	0	0	0
Reduct Vol:	0	0	0	0	0	0	0	0	0	0	0	0
Reduced Vol:	0	480	0	390	238	0	155	1155	106	0	0	0
PCE Adj:	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
MLF Adj:	1.00	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
FinalVolume:	0	480	0	390	238	0	155	1155	106	0	0	0
Saturation Flow Module:												
Sat/Lane:	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700	1700
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	2.00	1.00	2.00	1.00	0.00	1.00	3.00	1.00	0.00	0.00	0.00
Final Sat.:	0	3400	1700	3400	1700	0	1700	5100	1700	0	0	0
Capacity Analysis Module:												
Vol/Sat:	0.00	0.14	0.00	0.11	0.14	0.00	0.09	0.23	0.06	0.00	0.00	0.00
Crit Moves:		****		****				****				