

TRAFFIC COUNT SUMMARY

City of Los Angeles
Department of Transportation
(Rev Apr 92)

STREET:
North/South SUNSET BL

East/West PACIFIC COAST HWY

Day: WEDNESDAY Date: APRIL 1, 2001 Weather: CLEAR

Hours: 7-10 AM 3-6 PM

School Day: YES District: SOUTHERN I/S CODE 5705071130

	N/B	S/B	E/B	W/B
DUAL-				
WHEELED	0	34	178	183
BIKES	0	0	0	0
BUSES	0	25	88	98

	N/B TIME	S/B TIME	E/B TIME	W/B TIME
AM PK 15 MIN	0 7.00	170 7.45	887 7.30	482 8.15
PM PK 15 MIN	0 3.00	237 5.45	621 4.45	774 5.15
AM PK HOUR	0 7.00	642 7.30	3518 7.15	1855 8.00
PM PK HOUR	0 3.00	860 5.00	2248 4.45	2838 4.30

NORTHBOUND Approach

Hours	Lt	Th	Rt	Total
7-8	0	0	0	0
8-9	0	0	0	0
9-10	0	0	0	0
3-4	0	0	0	0
4-5	0	0	0	0
5-6	0	0	0	0
TOTAL	0	0	0	0

SOUTHBOUND Approach

Hours	Lt	Th	Rt	Total
7-8	471	0	141	612
8-9	432	0	187	619
9-10	394	0	174	568
3-4	485	0	336	821
4-5	452	0	352	804
5-6	438	0	422	860
TOTAL	2672	0	1612	4284

TOTAL	XING S/L		XING N/L	
N-S	Ped	Sch	Ped	Sch
612	20	0	1	0
619	24	0	3	0
568	18	0	4	0
821	21	0	9	0
804	15	0	1	0
860	2	0	5	0
4284	100	0	23	0

EASTBOUND Approach

Hours	Lt	Th	Rt	Total
7-8	251	3179	1	3431
8-9	331	2892	1	3324
9-10	241	2483	1	2725
3-4	189	1665	12	1866
4-5	202	1969	11	2182
5-6	207	1974	24	2205
TOTAL	1421	14262	50	15733

WESTBOUND Approach

Hours	Lt	Th	Rt	Total
7-8	0	1313	308	1619
8-9	0	1456	399	1855
9-10	0	1151	281	1432
3-4	0	2054	326	2380
4-5	0	2450	314	2764
5-6	0	2615	303	2918
TOTAL	0	11039	1929	12968

TOTAL	XING W/L		XING E/L	
E-W	Ped	Sch	Ped	Sch
5050	25	0	2	0
5178	19	0	12	0
4157	2	0	13	0
4246	9	0	25	0
4946	3	0	33	0
5123	4	0	20	0
28701	62	0	105	0

VEHICLE TURNING MOVEMENT COUNT SUMMARY

Crain & Associates
2007 Sawtelle Blvd., Suite 4
Los Angeles, CA 90025
Tel: (310) 473-6808

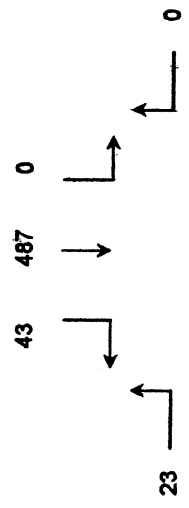


NS STREET: SUNSET BOULEVARD EW STREET: CASTELLAMMARE DRIVE
 PERIOD: AM PEAK HOUR DATE: WEDNESDAY March 20, 2002

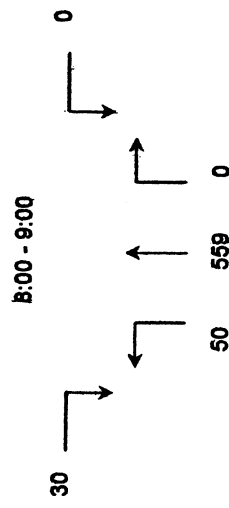
15-MINUTE TOTALS	WESTBOUND			EASTBOUND			NORTHBOUND			SOUTHBOUND			TOTAL
	L	T	R	L	T	R	L	T	R	L	T	R	
7:00 - 7:15	0	0	0	3	0	5	8	108	0	0	115	5	244
7:15 - 7:30	0	0	0	5	0	6	5	129	0	0	155	7	307
7:30 - 7:45	0	0	0	4	0	5	7	104	0	0	135	8	263
7:45 - 8:00	0	0	0	4	0	5	13	171	0	0	126	5	324
8:00 - 8:15	0	0	0	8	0	8	8	127	0	0	147	17	315
8:15 - 8:30	0	0	0	2	0	2	13	136	0	0	101	3	257
8:30 - 8:45	0	0	0	10	0	8	14	147	0	0	116	5	300
8:45 - 9:00	0	0	0	3	0	12	15	149	0	0	123	18	320
9:00 - 9:15	0	0	0	10	0	10	17	120	0	0	140	23	320
9:15 - 9:30	0	0	0	11	0	11	7	129	0	0	129	15	302
9:30 - 9:45	0	0	0	17	0	12	6	80	0	0	119	9	243
9:45 - 10:00	0	0	0	10	0	9	9	123	0	0	126	7	284

1-HOUR TOTALS	WESTBOUND			EASTBOUND			NORTHBOUND			SOUTHBOUND			TOTAL
	L	T	R	L	T	R	L	T	R	L	T	R	
7:00 - 8:00	0	0	0	16	0	21	33	512	0	0	531	25	1,138
7:15 - 8:15	0	0	0	21	0	24	33	531	0	0	563	37	1,209
7:30 - 8:30	0	0	0	18	0	20	41	538	0	0	509	33	1,159
7:45 - 8:45	0	0	0	24	0	23	48	581	0	0	490	30	1,196
8:00 - 9:00	0	0	0	23	0	30	50	559	0	0	487	43	1,192
8:15 - 9:15	0	0	0	25	0	32	59	552	0	0	480	49	1,197
8:30 - 9:30	0	0	0	34	0	41	53	545	0	0	508	81	1,242 *
8:45 - 9:45	0	0	0	41	0	45	45	478	0	0	511	85	1,185
9:00 - 10:00	0	0	0	48	0	42	38	452	0	0	514	54	1,149

SUNSET BOULEVARD

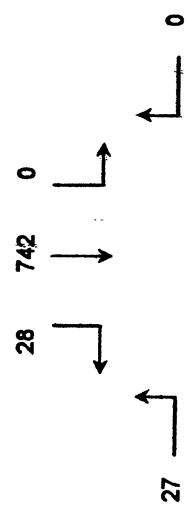


AM PEAK HOUR:

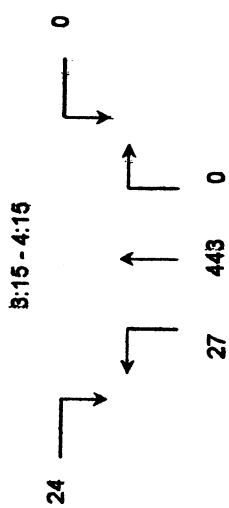


CASTELLAMMARE DRIVE

SUNSET BOULEVARD



PM PEAK HOUR:



CASTELLAMMARE DRIVE

PERIOD: PM PEAK HOUR DATE: WEDNESDAY March 20, 2002

15-MINUTE TOTALS	WESTBOUND			EASTBOUND			NORTHBOUND			SOUTHBOUND			TOTAL
	L	T	R	L	T	R	L	T	R	L	T	R	
3:00 - 3:15	0	0	0	0	0	6	8	88	0	0	140	4	246
3:15 - 3:30	0	0	0	4	0	5	8	120	0	0	176	3	316
3:30 - 3:45	0	0	0	13	0	6	6	107	0	0	175	11	318
3:45 - 4:00	0	0	0	5	0	7	5	108	0	0	194	7	327
4:00 - 4:15	0	0	0	5	0	6	8	107	0	0	197	7	330
4:15 - 4:30	0	0	0	7	0	12	5	117	0	0	134	10	285
4:30 - 4:45	0	0	0	4	0	4	7	116	0	0	155	9	295
4:45 - 5:00	0	0	0	6	0	9	3	103	0	0	171	8	300
5:00 - 5:15	0	0	0	4	0	15	13	116	0	0	181	11	340
5:15 - 5:30	0	0	0	10	0	17	7	125	0	0	150	8	317
5:30 - 5:45	0	0	0	8	0	22	7	102	0	0	147	7	293
5:45 - 6:00	0	0	0	3	0	11	8	113	0	0	135	8	278

1-HOUR TOTALS	WESTBOUND			EASTBOUND			NORTHBOUND			SOUTHBOUND			TOTAL
	L	T	R	L	T	R	L	T	R	L	T	R	
3:00 - 4:00	0	0	0	22	0	24	27	424	0	0	685	25	1,207
3:15 - 4:15	0	0	0	27	0	24	27	443	0	0	742	28	1,291 *
3:30 - 4:30	0	0	0	30	0	31	24	440	0	0	700	35	1,260
3:45 - 4:45	0	0	0	21	0	29	25	449	0	0	680	33	1,237
4:00 - 5:00	0	0	0	22	0	31	23	443	0	0	657	34	1,210
4:15 - 5:15	0	0	0	21	0	40	28	452	0	0	641	38	1,220
4:30 - 5:30	0	0	0	24	0	45	30	460	0	0	657	36	1,252
4:45 - 5:45	0	0	0	28	0	63	30	446	0	0	649	34	1,250
5:00 - 6:00	0	0	0	25	0	65	35	456	0	0	613	34	1,228

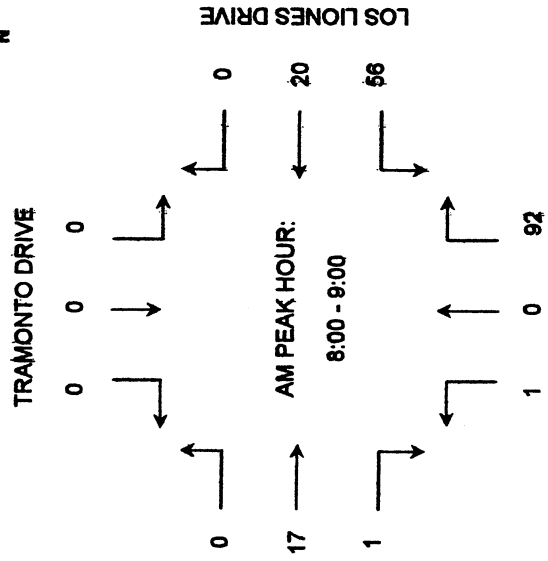
VEHICLE TURNING MOVEMENT COUNT SUMMARY

Crain & Associates
2007 Sawtelle Blvd., Suite 4
Los Angeles, CA 90025
Tel: (310) 473-8508



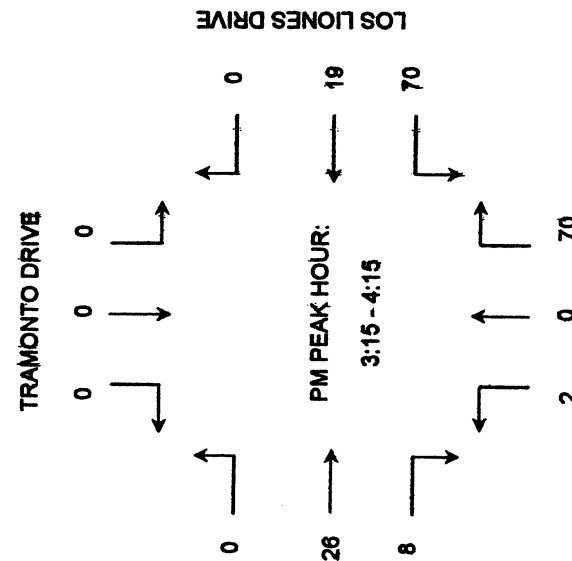
N/S STREET: TRAMONTO DRIVE EW STREET: LOS LIONES DRIVE
PERIOD: AM PEAK HOUR DATE: WEDNESDAY March 20, 2002

15-MINUTE PERIOD	WESTBOUND			EASTBOUND			NORTHBOUND			SOUTHBOUND			TOTAL			
	L	T	R	L	T	R	L	T	R	L	T	R				
TOTALS	5	6	0	0	0	2	0	0	0	0	0	0	0	0	0	18
7:00 - 7:15	4	5	0	0	1	1	0	0	0	0	0	0	0	0	0	28
7:15 - 7:30	4	3	0	0	1	0	0	0	0	0	0	0	0	0	0	32
7:30 - 7:45	9	6	0	0	1	0	0	0	0	0	0	0	0	0	0	45
7:45 - 8:00	14	3	0	0	0	8	0	0	0	0	0	0	0	0	0	53
8:00 - 8:15	13	1	0	0	0	1	0	0	0	0	0	0	0	0	0	35
8:15 - 8:30	9	8	0	0	0	3	0	0	0	0	0	0	0	0	0	36
8:30 - 8:45	20	8	0	0	0	5	0	0	0	0	0	0	0	0	0	61
8:45 - 9:00	14	1	0	0	0	9	0	0	0	0	0	0	0	0	0	44
9:00 - 9:15	11	1	0	0	0	2	0	0	0	0	0	0	0	0	0	27
9:15 - 9:30	9	3	0	0	0	1	0	0	0	0	0	0	0	0	0	36
9:30 - 9:45	11	3	0	0	0	1	0	0	0	0	0	0	0	0	0	31
9:45 - 10:00																
1-HOUR TOTALS	22	20	0	0	3	3	0	0	0	0	0	0	0	0	0	133
7:00 - 8:00	31	17	0	0	11	1	0	0	0	0	0	0	0	0	0	158
7:00 - 8:30	40	13	0	0	11	1	0	0	0	0	0	0	0	0	0	165
7:30 - 8:30	45	18	0	0	13	1	0	0	0	0	0	0	0	0	0	171
7:45 - 8:45	56	20	0	0	17	1	0	0	0	0	0	0	0	0	0	187*
8:00 - 9:00	54	18	0	0	18	1	0	0	0	0	0	0	0	0	0	178
8:15 - 9:15	54	18	0	0	19	1	0	0	0	0	0	0	0	0	0	170
8:30 - 9:30	54	13	0	0	17	1	0	0	0	0	0	0	0	0	0	168
8:45 - 9:45	45	8	0	0	13	3	0	0	0	0	0	0	0	0	0	138
9:00 - 10:00																



N/S STREET: TRAMONTO DRIVE EW STREET: LOS LIONES DRIVE
PERIOD: PM PEAK HOUR DATE: WEDNESDAY March 20, 2002

15-MINUTE PERIOD	WESTBOUND			EASTBOUND			NORTHBOUND			SOUTHBOUND			TOTAL			
	L	T	R	L	T	R	L	T	R	L	T	R				
TOTALS	15	5	0	0	4	0	1	0	0	0	0	0	0	0	0	42
3:00 - 3:15	19	7	0	0	5	2	1	0	0	0	0	0	0	0	0	52
3:15 - 3:30	21	4	0	0	8	3	1	0	0	0	0	0	0	0	0	51
3:30 - 3:45	16	5	0	0	3	1	0	0	0	0	0	0	0	0	0	45
3:45 - 4:00	14	3	0	0	10	2	0	0	0	0	0	0	0	0	0	30
4:00 - 4:15	12	1	0	0	2	0	0	0	0	0	0	0	0	0	0	52
4:15 - 4:30	19	4	0	0	8	1	0	0	0	0	0	0	0	0	0	24
4:30 - 4:45	12	3	0	0	3	1	0	0	0	0	0	0	0	0	0	48
4:45 - 5:00	19	6	0	0	3	2	1	0	0	0	0	0	0	0	0	30
5:00 - 5:15	15	1	0	0	4	0	0	0	0	0	0	0	0	0	0	48
5:15 - 5:30	15	1	0	0	0	4	0	0	0	0	0	0	0	0	0	30
5:30 - 5:45	15	1	0	0	6	1	0	0	0	0	0	0	0	0	0	36
5:45 - 6:00	17	1	0	0	7	1	0	0	0	0	0	0	0	0	0	40
1-HOUR TOTALS	71	21	0	0	20	6	3	0	0	0	0	0	0	0	0	190
3:00 - 4:00	70	19	0	0	26	8	2	0	0	0	0	0	0	0	0	195*
3:15 - 4:15	63	13	0	0	23	6	1	0	0	0	0	0	0	0	0	173
3:30 - 4:30	61	13	0	0	23	4	0	0	0	0	0	0	0	0	0	174
3:45 - 4:45	57	11	0	0	23	4	0	0	0	0	0	0	0	0	0	153
4:00 - 5:00	62	14	0	0	16	4	1	0	0	0	0	0	0	0	0	154
4:15 - 5:15	65	14	0	0	18	4	1	0	0	0	0	0	0	0	0	154
4:30 - 5:30	61	11	0	0	16	4	1	0	0	0	0	0	0	0	0	138
4:45 - 5:45	66	9	0	0	20	4	1	0	0	0	0	0	0	0	0	154
5:00 - 6:00																



WILTEC

Phone: (626) 564-1944 Fax: (626) 564-0969

24-HOUR ADT COUNT SUMMARY

CLIENT: CRAIN AND ASSOCIATES
 PROJECT: PACIFIC PALISADES
 LOCATION: TRAMONTO DRIVE WEST OF LIONES DRIVE
 DATE: TUESDAY MARCH 19, 2002

DIRECTION:		WB				HOUR TOTALS
TIME	00-15	15-30	30-45	45-60		
0:00	0	0	0	1	1	
1:00	0	2	0	0	2	
2:00	0	0	0	1	1	
3:00	0	0	0	0	0	
4:00	0	0	1	0	1	
5:00	0	0	0	0	0	
6:00	0	0	9	4	13	
7:00	2	13	11	15	41	
8:00	14	14	12	16	56	
9:00	18	9	14	14	55	
10:00	19	10	12	10	51	
11:00	18	16	13	12	59	
12:00	18	17	8	15	58	
13:00	10	16	8	11	45	
14:00	13	22	11	12	58	
15:00	15	17	22	15	69	
16:00	12	22	26	17	77	
17:00	22	21	19	24	86	
18:00	20	15	18	13	66	
19:00	15	10	7	8	40	
20:00	10	11	10	14	45	
21:00	11	9	11	12	43	
22:00	6	6	8	6	26	
23:00	2	1	2	0	5	
				TOTAL	898	
AM PEAK HOUR		0815-0915				
VOLUME		60				
PM PEAK HOUR		1615-1715				
VOLUME		87				

DIRECTION:		EB				HOUR TOTALS
TIME	00-15	15-30	30-45	45-60		
0:00	0	0	0	0	0	
1:00	1	0	0	1	2	
2:00	0	0	0	0	0	
3:00	0	0	0	0	0	
4:00	0	1	1	0	2	
5:00	1	0	0	0	1	
6:00	7	5	13	15	40	
7:00	21	13	26	31	91	
8:00	26	21	24	23	94	
9:00	11	22	15	15	63	
10:00	18	19	24	29	90	
11:00	18	23	13	22	76	
12:00	16	18	22	15	71	
13:00	15	23	20	6	64	
14:00	13	18	15	15	61	
15:00	19	22	15	11	67	
16:00	14	22	10	13	59	
17:00	24	22	8	9	63	
18:00	15	16	14	16	61	
19:00	23	14	6	5	48	
20:00	10	12	10	7	39	
21:00	1	6	2	8	17	
22:00	7	2	2	3	14	
23:00	0	1	1	0	2	
				TOTAL	1025	
AM PEAK HOUR		0730-0830				
VOLUME		104				
PM PEAK HOUR		1230-1330				
VOLUME		75				

TOTAL BI-DIRECTIONAL VOLUME	1923
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CRAIN AND ASSOCIATES
CMA CALCULATIONS

INTERSECTION: 1, PACIFIC COAST HWY. & SUNSET BL.
DATE: 3/28/2002 INITIALS: CT PERIOD: AM PEAK HOUR
CASE: EXISTING (2002)

** INPUT VOLUMES **

APPROACH	LEFT	THROUGH	** RIGHT TURNS **	
			MIN ON GREEN	MAX ON RED
WESTBOUND	0	1478	0	405
EASTBOUND	336	3037	0	1
NORTHBOUND	0	0	0	0
SOUTHBOUND	438	0	5	185

** NUMBER OF LANES **

APPROACH	LEFT ONLY	LEFT SHARED	THROUGH ONLY	RIGHT SHARED	RIGHT ONLY	L/T/R SHARED	TOTAL LANES
EASTBOUND	2	0	2	0	1	0	5
NORTHBOUND	0	0	0	0	0	0	0
SOUTHBOUND	2	0	0	0	1	1	4

** ASSIGNED LANE VOLUMES **

APPROACH	LEFT ONLY	LEFT SHARED	THROUGH ONLY	RIGHT SHARED	RIGHT ONLY	L/T/R SHARED
EASTBOUND	185	N/A	1518	N/A	0	N/A
NORTHBOUND	N/A	N/A	N/A	N/A	N/A	N/A
SOUTHBOUND	161	146	N/A	N/A	5	N/A

EAST-WEST CRITICAL VOLUMES 1518
 NORTH-SOUTH CRITICAL VOLUMES 161

 THE SUM OF CRITICAL VOLUMES 1679
 NUMBER OF CRITICAL CLEARANCE INTERVALS 3
 CMA VALUE 1.178
 LEVEL OF SERVICE F

CRAIN AND ASSOCIATES
CMA CALCULATIONS

INTERSECTION: 1, PACIFIC COAST HWY. & SUNSET BL.
DATE: 3/28/2002 INITIALS: CT PERIOD: AM PEAK HOUR
CASE: FUTURE (2005) WITHOUT PROJECT

** INPUT VOLUMES **

APPROACH	LEFT	THROUGH	** RIGHT TURNS **	
			MIN ON GREEN	MAX ON RED
WESTBOUND	0	1569	0	435
EASTBOUND	352	3177	0	1
NORTHBOUND	0	0	0	0
SOUTHBOUND	466	0	23	194

** NUMBER OF LANES **

APPROACH	LEFT ONLY	LEFT SHARED	THROUGH ONLY	RIGHT SHARED	RIGHT ONLY	L/T/R SHARED	TOTAL LANES
EASTBOUND	2	0	2	0	1	0	5
NORTHBOUND	0	0	0	0	0	0	0
SOUTHBOUND	2	0	0	0	1	1	4

** ASSIGNED LANE VOLUMES **

APPROACH	LEFT ONLY	LEFT SHARED	THROUGH ONLY	RIGHT SHARED	RIGHT ONLY	L/T/R SHARED
EASTBOUND	194	N/A	1588	N/A	0	N/A
NORTHBOUND	N/A	N/A	N/A	N/A	N/A	N/A
SOUTHBOUND	171	155	N/A	N/A	23	N/A

EAST-WEST CRITICAL VOLUMES 1588
 NORTH-SOUTH CRITICAL VOLUMES 171

 THE SUM OF CRITICAL VOLUMES 1759

 NUMBER OF CRITICAL CLEARANCE INTERVALS 3

 CMA VALUE 1.234

 LEVEL OF SERVICE F

CRAIN AND ASSOCIATES
CMA CALCULATIONS

INTERSECTION: 1, PACIFIC COAST HWY. & SUNSET BL.
DATE: 3/28/2002 INITIALS: CT PERIOD: AM PEAK HOUR
CASE: FUTURE (2005) WITH PROJECT

** INPUT VOLUMES **

APPROACH	LEFT	THROUGH	** RIGHT TURNS **	
			MIN ON GREEN	MAX ON RED
WESTBOUND	0	1569	0	436
EASTBOUND	353	3177	0	1
NORTHBOUND	0	0	0	0
SOUTHBOUND	473	0	26	194

** NUMBER OF LANES **

APPROACH	LEFT ONLY	LEFT SHARED	THROUGH ONLY	RIGHT SHARED	RIGHT ONLY	L/T/R SHARED	TOTAL LANES
EASTBOUND	2	0	2	0	1	0	5
NORTHBOUND	0	0	0	0	0	0	0
SOUTHBOUND	2	0	0	0	1	1	4

** ASSIGNED LANE VOLUMES **

APPROACH	LEFT ONLY	LEFT SHARED	THROUGH ONLY	RIGHT SHARED	RIGHT ONLY	L/T/R SHARED
EASTBOUND	194	N/A	1588	N/A	0	N/A
NORTHBOUND	N/A	N/A	N/A	N/A	N/A	N/A
SOUTHBOUND	173	158	N/A	N/A	26	N/A

EAST-WEST CRITICAL VOLUMES 1588
 NORTH-SOUTH CRITICAL VOLUMES 173

 THE SUM OF CRITICAL VOLUMES 1761

 NUMBER OF CRITICAL CLEARANCE INTERVALS 3

 CMA VALUE 1.236

 LEVEL OF SERVICE F

CRAIN AND ASSOCIATES
CMA CALCULATIONS

INTERSECTION: 1, PACIFIC COAST HWY. & SUNSET BL.
DATE: 3/28/2002 INITIALS: CT PERIOD: PM PEAK HOUR
CASE: EXISTING (2002)

** INPUT VOLUMES **

APPROACH	LEFT	THROUGH	** RIGHT TURNS **	
			MIN ON GREEN	MAX ON RED
WESTBOUND	0	2654	0	308
EASTBOUND	210	2004	14	10
NORTHBOUND	0	0	0	0
SOUTHBOUND	445	0	312	116

** NUMBER OF LANES **

APPROACH	LEFT ONLY	LEFT SHARED	THROUGH ONLY	RIGHT SHARED	RIGHT ONLY	L/T/R SHARED	TOTAL LANES
EASTBOUND	2	0	2	0	1	0	5
NORTHBOUND	0	0	0	0	0	0	0
SOUTHBOUND	2	0	0	0	1	1	4

** ASSIGNED LANE VOLUMES **

APPROACH	LEFT ONLY	LEFT SHARED	THROUGH ONLY	RIGHT SHARED	RIGHT ONLY	L/T/R SHARED
EASTBOUND	116	N/A	1002	N/A	14	N/A
NORTHBOUND	N/A	N/A	N/A	N/A	N/A	N/A
SOUTHBOUND	208	N/A	N/A	N/A	189	189

EAST-WEST CRITICAL VOLUMES 1002
 NORTH-SOUTH CRITICAL VOLUMES 208

 THE SUM OF CRITICAL VOLUMES 1210

 NUMBER OF CRITICAL CLEARANCE INTERVALS 3

 CMA VALUE 0.849

 LEVEL OF SERVICE D

CRAIN AND ASSOCIATES
CMA CALCULATIONS

INTERSECTION: 1, PACIFIC COAST HWY. & SUNSET BL.
DATE: 3/28/2002 INITIALS: CT PERIOD: PM PEAK HOUR
CASE: FUTURE (2005) WITHOUT PROJECT

** INPUT VOLUMES **

APPROACH	LEFT	THROUGH	** RIGHT TURNS **	
			MIN ON GREEN	MAX ON RED
WESTBOUND	0	2792	0	338
EASTBOUND	244	2122	15	10
NORTHBOUND	0	0	0	0
SOUTHBOUND	484	0	327	134

** NUMBER OF LANES **

APPROACH	LEFT ONLY	LEFT SHARED	THROUGH ONLY	RIGHT		L/T/R SHARED	TOTAL LANES
				SHARED	ONLY		
WESTBOUND	1	0	3	0	1	0	5
EASTBOUND	2	0	2	0	1	0	5
NORTHBOUND	0	0	0	0	0	0	0
SOUTHBOUND	2	0	0	0	1	1	4

** ASSIGNED LANE VOLUMES **

APPROACH	LEFT ONLY	LEFT SHARED	THROUGH ONLY	RIGHT		L/T/R SHARED
				SHARED	ONLY	
WESTBOUND	0	N/A	931	N/A	0	N/A
EASTBOUND	134	N/A	1061	N/A	15	N/A
NORTHBOUND	N/A	N/A	N/A	N/A	N/A	N/A
SOUTHBOUND	223	N/A	N/A	N/A	203	203

EAST-WEST CRITICAL VOLUMES	1065
NORTH-SOUTH CRITICAL VOLUMES	223

THE SUM OF CRITICAL VOLUMES	1288
NUMBER OF CRITICAL CLEARANCE INTERVALS	3
CMA VALUE	0.904
LEVEL OF SERVICE	E

CRAIN AND ASSOCIATES
CMA CALCULATIONS

INTERSECTION: 1, PACIFIC COAST HWY. & SUNSET BL.
DATE: 3/28/2002 INITIALS: CT PERIOD: PM PEAK HOUR
CASE: FUTURE (2005) WITH PROJECT

** INPUT VOLUMES **

APPROACH	LEFT	THROUGH	** RIGHT TURNS **	
			MIN ON GREEN	MAX ON RED
WESTBOUND	0	2792	0	344
EASTBOUND	247	2122	15	10
NORTHBOUND	0	0	0	0
SOUTHBOUND	487	0	327	136

** NUMBER OF LANES **

APPROACH	LEFT ONLY	LEFT SHARED	THROUGH ONLY	RIGHT SHARED	RIGHT ONLY	L/T/R SHARED	TOTAL LANES
EASTBOUND	2	0	2	0	1	0	5
NORTHBOUND	0	0	0	0	0	0	0
SOUTHBOUND	2	0	0	0	1	1	4

** ASSIGNED LANE VOLUMES **

APPROACH	LEFT ONLY	LEFT SHARED	THROUGH ONLY	RIGHT SHARED	RIGHT ONLY	L/T/R SHARED
EASTBOUND	136	N/A	1061	N/A	15	N/A
NORTHBOUND	N/A	N/A	N/A	N/A	N/A	N/A
SOUTHBOUND	224	N/A	N/A	N/A	204	204

EAST-WEST CRITICAL VOLUMES	1067
NORTH-SOUTH CRITICAL VOLUMES	224

THE SUM OF CRITICAL VOLUMES	1291
NUMBER OF CRITICAL CLEARANCE INTERVALS	3
CMA VALUE	0.906
LEVEL OF SERVICE	E

CRAIN AND ASSOCIATES
CMA CALCULATIONS

INTERSECTION: 2, CASTELLAMMARE DR. & SUNSET BL.
DATE: 3/28/2002 INITIALS: CT PERIOD: AM PEAK HOUR
CASE: EXISTING (2002)

** INPUT VOLUMES **

APPROACH	LEFT	THROUGH	** RIGHT TURNS **	
			MIN ON GREEN	MAX ON RED
WESTBOUND	0	0	0	0
EASTBOUND	23	0	5	25
NORTHBOUND	50	559	0	0
SOUTHBOUND	0	487	43	0

** NUMBER OF LANES **

APPROACH	LEFT ONLY	LEFT SHARED	THROUGH ONLY	RIGHT SHARED	RIGHT ONLY	L/T/R SHARED	TOTAL LANES
EASTBOUND	1	0	0	0	1	0	2
NORTHBOUND	1	0	2	0	0	0	3
SOUTHBOUND	0	0	1	1	0	0	2

** ASSIGNED LANE VOLUMES **

APPROACH	LEFT ONLY	LEFT SHARED	THROUGH ONLY	RIGHT SHARED	RIGHT ONLY	L/T/R SHARED
EASTBOUND	23	N/A	N/A	N/A	5	N/A
NORTHBOUND	50	N/A	280	N/A	N/A	N/A
SOUTHBOUND	N/A	N/A	265	265	N/A	N/A

EAST-WEST CRITICAL VOLUMES	23
NORTH-SOUTH CRITICAL VOLUMES	315

THE SUM OF CRITICAL VOLUMES	338
NUMBER OF CRITICAL CLEARANCE INTERVALS	2
CMA VALUE	0.225
LEVEL OF SERVICE	A

CRAIN AND ASSOCIATES
CMA CALCULATIONS

INTERSECTION: 2, CASTELLAMMARE DR. & SUNSET BL.
 DATE: 3/28/2002 INITIALS: CT PERIOD: AM PEAK HOUR
 CASE: FUTURE (2005) WITHOUT PROJECT

** INPUT VOLUMES **

APPROACH	LEFT	THROUGH	** RIGHT TURNS **	
			MIN ON GREEN	MAX ON RED
WESTBOUND	0	0	0	0
EASTBOUND	27	0	9	26
NORTHBOUND	53	597	0	0
SOUTHBOUND	0	531	46	0

** NUMBER OF LANES **

APPROACH	LEFT ONLY	LEFT SHARED	THROUGH ONLY	RIGHT		L/T/R SHARED	TOTAL LANES
				SHARED	ONLY		
WESTBOUND	0	0	0	0	0	0	0
EASTBOUND	1	0	0	0	1	0	2
NORTHBOUND	1	0	2	0	0	0	3
SOUTHBOUND	0	0	1	1	0	0	2

** ASSIGNED LANE VOLUMES **

APPROACH	LEFT ONLY	LEFT SHARED	THROUGH ONLY	RIGHT		L/T/R SHARED
				SHARED	ONLY	
WESTBOUND	N/A	N/A	N/A	N/A	N/A	N/A
EASTBOUND	27	N/A	N/A	N/A	9	N/A
NORTHBOUND	53	N/A	298	N/A	N/A	N/A
SOUTHBOUND	N/A	N/A	288	288	N/A	N/A

EAST-WEST CRITICAL VOLUMES	27
NORTH-SOUTH CRITICAL VOLUMES	341

THE SUM OF CRITICAL VOLUMES	368
NUMBER OF CRITICAL CLEARANCE INTERVALS	2
CMA VALUE	0.245
LEVEL OF SERVICE	A

CRAIN AND ASSOCIATES
CMA CALCULATIONS

INTERSECTION: 2, CASTELLAMMARE DR. & SUNSET BL.
DATE: 3/28/2002 INITIALS: CT PERIOD: AM PEAK HOUR
CASE: FUTURE (2005) WITH PROJECT

** INPUT VOLUMES **

APPROACH	LEFT	THROUGH	** RIGHT TURNS **	
			MIN ON GREEN	MAX ON RED
WESTBOUND	0	0	0	0
EASTBOUND	27	0	9	26
NORTHBOUND	53	599	0	0
SOUTHBOUND	0	541	46	0

** NUMBER OF LANES **

APPROACH	LEFT ONLY	LEFT SHARED	THROUGH ONLY	RIGHT SHARED	RIGHT ONLY	L/T/R SHARED	TOTAL LANES
EASTBOUND	1	0	0	0	1	0	2
NORTHBOUND	1	0	2	0	0	0	3
SOUTHBOUND	0	0	1	1	0	0	2

** ASSIGNED LANE VOLUMES **

APPROACH	LEFT ONLY	LEFT SHARED	THROUGH ONLY	RIGHT SHARED	RIGHT ONLY	L/T/R SHARED
EASTBOUND	27	N/A	N/A	N/A	9	N/A
NORTHBOUND	53	N/A	300	N/A	N/A	N/A
SOUTHBOUND	N/A	N/A	294	294	N/A	N/A

EAST-WEST CRITICAL VOLUMES	27
NORTH-SOUTH CRITICAL VOLUMES	347

THE SUM OF CRITICAL VOLUMES	374
NUMBER OF CRITICAL CLEARANCE INTERVALS	2
CMA VALUE	0.249
LEVEL OF SERVICE	A

CRAIN AND ASSOCIATES
CMA CALCULATIONS

INTERSECTION: 2, CASTELLAMMARE DR. & SUNSET BL.
DATE: 3/28/2002 INITIALS: CT PERIOD: PM PEAK HOUR
CASE: EXISTING (2002)

** INPUT VOLUMES **

APPROACH	LEFT	THROUGH	** RIGHT TURNS **	
			MIN ON GREEN	MAX ON RED
WESTBOUND	0	0	0	0
EASTBOUND	27	0	10	14
NORTHBOUND	27	443	0	0
SOUTHBOUND	0	742	28	0

** NUMBER OF LANES **

APPROACH	LEFT ONLY	LEFT SHARED	THROUGH ONLY	RIGHT SHARED	RIGHT ONLY	L/T/R SHARED	TOTAL LANES
EASTBOUND	1	0	0	0	1	0	2
NORTHBOUND	1	0	2	0	0	0	3
SOUTHBOUND	0	0	1	1	0	0	2

** ASSIGNED LANE VOLUMES **

APPROACH	LEFT ONLY	LEFT SHARED	THROUGH ONLY	RIGHT SHARED	RIGHT ONLY	L/T/R SHARED
EASTBOUND	27	N/A	N/A	N/A	10	N/A
NORTHBOUND	27	N/A	222	N/A	N/A	N/A
SOUTHBOUND	N/A	N/A	385	385	N/A	N/A

EAST-WEST CRITICAL VOLUMES	27
NORTH-SOUTH CRITICAL VOLUMES	412

THE SUM OF CRITICAL VOLUMES	439
NUMBER OF CRITICAL CLEARANCE INTERVALS	2
CMA VALUE	0.293
LEVEL OF SERVICE	A

CRAIN AND ASSOCIATES
CMA CALCULATIONS

INTERSECTION: 2, CASTELLAMMARE DR. & SUNSET BL.
DATE: 3/28/2002 INITIALS: CT PERIOD: PM PEAK HOUR
CASE: FUTURE (2005) WITHOUT PROJECT

** INPUT VOLUMES **

APPROACH	LEFT	THROUGH	** RIGHT TURNS **	
			MIN ON GREEN	MAX ON RED
WESTBOUND	0	0	0	0
EASTBOUND	30	0	11	16
NORTHBOUND	32	499	0	0
SOUTHBOUND	0	805	32	0

** NUMBER OF LANES **

APPROACH	LEFT ONLY	LEFT SHARED	THROUGH ONLY	RIGHT SHARED	RIGHT ONLY	L/T/R SHARED	TOTAL LANES
EASTBOUND	1	0	0	0	1	0	2
NORTHBOUND	1	0	2	0	0	0	3
SOUTHBOUND	0	0	1	1	0	0	2

** ASSIGNED LANE VOLUMES **

APPROACH	LEFT ONLY	LEFT SHARED	THROUGH ONLY	RIGHT SHARED	RIGHT ONLY	L/T/R SHARED
EASTBOUND	30	N/A	N/A	N/A	11	N/A
NORTHBOUND	32	N/A	250	N/A	N/A	N/A
SOUTHBOUND	N/A	N/A	418	418	N/A	N/A

EAST-WEST CRITICAL VOLUMES	30
NORTH-SOUTH CRITICAL VOLUMES	450

THE SUM OF CRITICAL VOLUMES	480
NUMBER OF CRITICAL CLEARANCE INTERVALS	2
CMA VALUE	0.320
LEVEL OF SERVICE	A

CRAIN AND ASSOCIATES
CMA CALCULATIONS

INTERSECTION: 2, CASTELLAMMARE DR. & SUNSET BL.
 DATE: 3/28/2002 INITIALS: CT PERIOD: PM PEAK HOUR
 CASE: FUTURE (2005) WITH PROJECT

** INPUT VOLUMES **

APPROACH	LEFT	THROUGH	** RIGHT TURNS **	
			MIN ON GREEN	MAX ON RED
WESTBOUND	0	0	0	0
EASTBOUND	30	0	11	16
NORTHBOUND	32	508	0	0
SOUTHBOUND	0	810	32	0

** NUMBER OF LANES **

APPROACH	LEFT ONLY	LEFT SHARED	THROUGH ONLY	RIGHT SHARED	RIGHT ONLY	L/T/R SHARED	TOTAL LANES
EASTBOUND	1	0	0	0	1	0	2
NORTHBOUND	1	0	2	0	0	0	3
SOUTHBOUND	0	0	1	1	0	0	2

** ASSIGNED LANE VOLUMES **

APPROACH	LEFT ONLY	LEFT SHARED	THROUGH ONLY	RIGHT SHARED	RIGHT ONLY	L/T/R SHARED
EASTBOUND	30	N/A	N/A	N/A	11	N/A
NORTHBOUND	32	N/A	254	N/A	N/A	N/A
SOUTHBOUND	N/A	N/A	421	421	N/A	N/A

EAST-WEST CRITICAL VOLUMES	30
NORTH-SOUTH CRITICAL VOLUMES	453

THE SUM OF CRITICAL VOLUMES	483
NUMBER OF CRITICAL CLEARANCE INTERVALS	2
CMA VALUE	0.322
LEVEL OF SERVICE	A

CRAIN AND ASSOCIATES
CMA CALCULATIONS

INTERSECTION: 3, LOS LIONES DR. & SUNSET BL.
DATE: 3/28/2002 INITIALS: CT PERIOD: AM PEAK HOUR
CASE: EXISTING (2002)

** INPUT VOLUMES **

APPROACH	LEFT	THROUGH	** RIGHT TURNS **	
			MIN ON GREEN	MAX ON RED
WESTBOUND	0	0	3	0
EASTBOUND	52	1	43	0
NORTHBOUND	36	640	1	0
SOUTHBOUND	1	672	44	0

** NUMBER OF LANES **

APPROACH	LEFT ONLY	LEFT SHARED	THROUGH ONLY	RIGHT		L/T/R SHARED	TOTAL LANES
				SHARED	ONLY		
WESTBOUND	0	0	0	0	0	1	1
EASTBOUND	1	0	0	1	0	0	2
NORTHBOUND	1	0	1	1	0	0	3
SOUTHBOUND	1	0	1	1	0	0	3

** ASSIGNED LANE VOLUMES **

APPROACH	LEFT ONLY	LEFT SHARED	THROUGH ONLY	RIGHT		L/T/R SHARED
				SHARED	ONLY	
WESTBOUND	N/A	N/A	N/A	N/A	N/A	3
EASTBOUND	52	N/A	N/A	44	N/A	N/A
NORTHBOUND	36	N/A	320	320	N/A	N/A
SOUTHBOUND	1	N/A	358	358	N/A	N/A

EAST-WEST CRITICAL VOLUMES	55
NORTH-SOUTH CRITICAL VOLUMES	394

THE SUM OF CRITICAL VOLUMES	449
NUMBER OF CRITICAL CLEARANCE INTERVALS	0
CMA VALUE	0.299
LEVEL OF SERVICE	A

Capacity assumed = 1500.

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CRAIN AND ASSOCIATES
CMA CALCULATIONS

INTERSECTION: 3, LOS LIONES DR. & SUNSET BL.
DATE: 3/28/2002 INITIALS: CT PERIOD: AM PEAK HOUR
CASE: FUTURE (2005) WITHOUT PROJECT

** INPUT VOLUMES **

APPROACH	LEFT	THROUGH	** RIGHT TURNS **	
			MIN ON GREEN	MAX ON RED
WESTBOUND	0	0	3	0
EASTBOUND	60	1	50	0
NORTHBOUND	49	673	1	0
SOUTHBOUND	1	721	62	0

** NUMBER OF LANES **

APPROACH	LEFT ONLY	LEFT SHARED	THROUGH ONLY	RIGHT SHARED	RIGHT ONLY	L/T/R SHARED	TOTAL LANES
EASTBOUND	1	0	0	1	0	0	2
NORTHBOUND	1	0	1	1	0	0	3
SOUTHBOUND	1	0	1	1	0	0	3

** ASSIGNED LANE VOLUMES **

APPROACH	LEFT ONLY	LEFT SHARED	THROUGH ONLY	RIGHT SHARED	RIGHT ONLY	L/T/R SHARED
EASTBOUND	60	N/A	N/A	51	N/A	N/A
NORTHBOUND	49	N/A	337	337	N/A	N/A
SOUTHBOUND	1	N/A	392	392	N/A	N/A

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EAST-WEST CRITICAL VOLUMES ..... 63
NORTH-SOUTH CRITICAL VOLUMES ..... 441
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THE SUM OF CRITICAL VOLUMES ..... 504

NUMBER OF CRITICAL CLEARANCE INTERVALS .... 0

CMA VALUE ..... 0.336

LEVEL OF SERVICE ..... A

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Capacity assumed = 1500.

CRAIN AND ASSOCIATES
CMA CALCULATIONS

INTERSECTION: 3, LOS LIONES DR. & SUNSET BL.
 DATE: 3/28/2002 INITIALS: CT PERIOD: AM PEAK HOUR
 CASE: FUTURE (2005) WITH PROJECT

** INPUT VOLUMES **

APPROACH	LEFT	THROUGH	** RIGHT TURNS **	
			MIN ON GREEN	MAX ON RED
WESTBOUND	0	0	3	0
EASTBOUND	72	1	60	0
NORTHBOUND	51	673	1	0
SOUTHBOUND	1	721	64	0

** NUMBER OF LANES **

APPROACH	LEFT ONLY	LEFT SHARED	THROUGH ONLY	RIGHT SHARED	RIGHT ONLY	L/T/R SHARED	TOTAL LANES
EASTBOUND	1	0	0	1	0	0	2
NORTHBOUND	1	0	1	1	0	0	3
SOUTHBOUND	1	0	1	1	0	0	3

** ASSIGNED LANE VOLUMES **

APPROACH	LEFT ONLY	LEFT SHARED	THROUGH ONLY	RIGHT SHARED	RIGHT ONLY	L/T/R SHARED
EASTBOUND	72	N/A	N/A	61	N/A	N/A
NORTHBOUND	51	N/A	337	337	N/A	N/A
SOUTHBOUND	1	N/A	392	392	N/A	N/A

EAST-WEST CRITICAL VOLUMES	75
NORTH-SOUTH CRITICAL VOLUMES	443

THE SUM OF CRITICAL VOLUMES	518
NUMBER OF CRITICAL CLEARANCE INTERVALS	0
CMA VALUE	0.345
LEVEL OF SERVICE	A

Capacity assumed = 1500.

CRAIN AND ASSOCIATES
CMA CALCULATIONS

INTERSECTION: 3, LOS LIONES DR. & SUNSET BL.
DATE: 3/28/2002 INITIALS: CT PERIOD: PM PEAK HOUR
CASE: EXISTING (2002)

** INPUT VOLUMES **

APPROACH	LEFT	THROUGH	** RIGHT TURNS **	
			MIN ON GREEN	MAX ON RED
WESTBOUND	4	0	4	0
EASTBOUND	37	0	51	0
NORTHBOUND	39	532	0	0
SOUTHBOUND	0	630	38	0

** NUMBER OF LANES **

APPROACH	LEFT ONLY	LEFT SHARED	THROUGH ONLY	RIGHT SHARED	RIGHT ONLY	L/T/R SHARED	TOTAL LANES
EASTBOUND	1	0	0	1	0	0	2
NORTHBOUND	1	0	1	1	0	0	3
SOUTHBOUND	1	0	1	1	0	0	3

** ASSIGNED LANE VOLUMES **

APPROACH	LEFT ONLY	LEFT SHARED	THROUGH ONLY	RIGHT SHARED	RIGHT ONLY	L/T/R SHARED
EASTBOUND	37	N/A	N/A	51	N/A	N/A
NORTHBOUND	39	N/A	266	266	N/A	N/A
SOUTHBOUND	0	N/A	334	334	N/A	N/A

EAST-WEST CRITICAL VOLUMES	55
NORTH-SOUTH CRITICAL VOLUMES	373

THE SUM OF CRITICAL VOLUMES	428
NUMBER OF CRITICAL CLEARANCE INTERVALS	0
CMA VALUE	0.285
LEVEL OF SERVICE	A

Capacity assumed = 1500.

CRAIN AND ASSOCIATES
CMA CALCULATIONS

INTERSECTION: 3, LOS LIONES DR. & SUNSET BL.
DATE: 3/28/2002 INITIALS: CT PERIOD: PM PEAK HOUR
CASE: FUTURE (2005) WITHOUT PROJECT

** INPUT VOLUMES **

APPROACH	LEFT	THROUGH	** RIGHT TURNS **	
			MIN ON GREEN	MAX ON RED
WESTBOUND	4	0	4	0
EASTBOUND	62	0	70	0
NORTHBOUND	54	581	0	0
SOUTHBOUND	0	674	57	0

** NUMBER OF LANES **

APPROACH	LEFT ONLY	LEFT SHARED	THROUGH ONLY	RIGHT SHARED	RIGHT ONLY	L/T/R SHARED	TOTAL LANES
EASTBOUND	1	0	0	1	0	0	2
NORTHBOUND	1	0	1	1	0	0	3
SOUTHBOUND	1	0	1	1	0	0	3

** ASSIGNED LANE VOLUMES **

APPROACH	LEFT ONLY	LEFT SHARED	THROUGH ONLY	RIGHT SHARED	RIGHT ONLY	L/T/R SHARED
EASTBOUND	62	N/A	N/A	70	N/A	N/A
NORTHBOUND	54	N/A	290	290	N/A	N/A
SOUTHBOUND	0	N/A	366	366	N/A	N/A

EAST-WEST CRITICAL VOLUMES	74
NORTH-SOUTH CRITICAL VOLUMES	420

THE SUM OF CRITICAL VOLUMES	494
NUMBER OF CRITICAL CLEARANCE INTERVALS	0
CMA VALUE	0.329
LEVEL OF SERVICE	A

Capacity assumed = 1500.

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CRAIN AND ASSOCIATES
CMA CALCULATIONS

INTERSECTION: 3, LOS LIONES DR. & SUNSET BL.
DATE: 3/28/2002 INITIALS: CT PERIOD: PM PEAK HOUR
CASE: FUTURE (2005) WITH PROJECT

** INPUT VOLUMES **

APPROACH	LEFT	THROUGH	** RIGHT TURNS **	
			MIN ON GREEN	MAX ON RED
WESTBOUND	4	0	4	0
EASTBOUND	68	0	75	0
NORTHBOUND	63	581	0	0
SOUTHBOUND	0	674	69	0

** NUMBER OF LANES **

APPROACH	LEFT ONLY	LEFT SHARED	THROUGH ONLY	RIGHT SHARED	RIGHT ONLY	L/T/R SHARED	TOTAL LANES
EASTBOUND	1	0	0	1	0	0	2
NORTHBOUND	1	0	1	1	0	0	3
SOUTHBOUND	1	0	1	1	0	0	3

** ASSIGNED LANE VOLUMES **

APPROACH	LEFT ONLY	LEFT SHARED	THROUGH ONLY	RIGHT SHARED	RIGHT ONLY	L/T/R SHARED
EASTBOUND	68	N/A	N/A	75	N/A	N/A
NORTHBOUND	63	N/A	290	290	N/A	N/A
SOUTHBOUND	0	N/A	372	372	N/A	N/A

EAST-WEST CRITICAL VOLUMES	79
NORTH-SOUTH CRITICAL VOLUMES	435

THE SUM OF CRITICAL VOLUMES	514
NUMBER OF CRITICAL CLEARANCE INTERVALS	0
CMA VALUE	0.343
LEVEL OF SERVICE	A

Capacity assumed = 1500.

CRAIN AND ASSOCIATES
CMA CALCULATIONS

INTERSECTION: 4, LOS LIONES DR. & TRAMONTO DR.
DATE: 3/28/2002 INITIALS: CT PERIOD: AM PEAK HOUR
CASE: EXISTING (2002)

** INPUT VOLUMES **

APPROACH	LEFT	THROUGH	** RIGHT TURNS **	
			MIN ON GREEN	MAX ON RED
WESTBOUND	56	20	0	0
EASTBOUND	0	17	1	0
NORTHBOUND	1	0	92	0
SOUTHBOUND	0	0	0	0

** NUMBER OF LANES **

APPROACH	LEFT ONLY	LEFT SHARED	THROUGH ONLY	RIGHT SHARED	RIGHT ONLY	L/T/R SHARED	TOTAL LANES
EASTBOUND	0	0	1	1	0	0	2
NORTHBOUND	0	0	0	0	0	1	1
SOUTHBOUND	0	0	0	0	0	0	0

** ASSIGNED LANE VOLUMES **

APPROACH	LEFT ONLY	LEFT SHARED	THROUGH ONLY	RIGHT SHARED	RIGHT ONLY	L/T/R SHARED
EASTBOUND	N/A	N/A	9	9	N/A	N/A
NORTHBOUND	N/A	N/A	N/A	N/A	N/A	93
SOUTHBOUND	N/A	N/A	N/A	N/A	N/A	N/A

EAST-WEST CRITICAL VOLUMES	76
NORTH-SOUTH CRITICAL VOLUMES	93

THE SUM OF CRITICAL VOLUMES	169
NUMBER OF CRITICAL CLEARANCE INTERVALS	0
CMA VALUE	0.113
LEVEL OF SERVICE	A

Capacity assumed = 1500.

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CRAIN AND ASSOCIATES
CMA CALCULATIONS

INTERSECTION: 4, LOS LIONES DR. & TRAMONTO DR.
DATE: 3/28/2002 INITIALS: CT PERIOD: AM PEAK HOUR
CASE: FUTURE (2005) WITHOUT PROJECT

** INPUT VOLUMES **

APPROACH	LEFT	THROUGH	** RIGHT TURNS **	
			MIN ON GREEN	MAX ON RED
WESTBOUND	59	47	0	0
EASTBOUND	0	20	1	0
NORTHBOUND	1	0	99	0
SOUTHBOUND	0	0	0	0

** NUMBER OF LANES **

APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL LANES
	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	
WESTBOUND	0	1	0	0	0	0	1
EASTBOUND	0	0	1	1	0	0	2
NORTHBOUND	0	0	0	0	0	1	1
SOUTHBOUND	0	0	0	0	0	0	0

** ASSIGNED LANE VOLUMES **

APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R
	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED
WESTBOUND	N/A	106	N/A	N/A	N/A	N/A
EASTBOUND	N/A	N/A	10	10	N/A	N/A
NORTHBOUND	N/A	N/A	N/A	N/A	N/A	100
SOUTHBOUND	N/A	N/A	N/A	N/A	N/A	N/A

EAST-WEST CRITICAL VOLUMES	106
NORTH-SOUTH CRITICAL VOLUMES	100

THE SUM OF CRITICAL VOLUMES	206
NUMBER OF CRITICAL CLEARANCE INTERVALS	0
CMA VALUE	0.137
LEVEL OF SERVICE	A

Capacity assumed = 1500.

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CRAIN AND ASSOCIATES
CMA CALCULATIONS

INTERSECTION: 4, LOS LIONES DR. & TRAMONTO DR.
DATE: 3/28/2002 INITIALS: CT PERIOD: AM PEAK HOUR
CASE: FUTURE (2005) WITH PROJECT

** INPUT VOLUMES **

APPROACH	LEFT	THROUGH	** RIGHT TURNS **	
			MIN ON GREEN	MAX ON RED
WESTBOUND	63	47	0	0
EASTBOUND	0	20	1	0
NORTHBOUND	1	0	121	0
SOUTHBOUND	0	0	0	0

** NUMBER OF LANES **

APPROACH	LEFT ONLY	LEFT SHARED	THROUGH ONLY	RIGHT SHARED	RIGHT ONLY	L/T/R SHARED	TOTAL LANES
EASTBOUND	0	0	1	1	0	0	2
NORTHBOUND	0	0	0	0	0	1	1
SOUTHBOUND	0	0	0	0	0	0	0

** ASSIGNED LANE VOLUMES **

APPROACH	LEFT ONLY	LEFT SHARED	THROUGH ONLY	RIGHT SHARED	RIGHT ONLY	L/T/R SHARED
EASTBOUND	N/A	N/A	10	10	N/A	N/A
NORTHBOUND	N/A	N/A	N/A	N/A	N/A	122
SOUTHBOUND	N/A	N/A	N/A	N/A	N/A	N/A

EAST-WEST CRITICAL VOLUMES 110
 NORTH-SOUTH CRITICAL VOLUMES 122

 THE SUM OF CRITICAL VOLUMES 232

 NUMBER OF CRITICAL CLEARANCE INTERVALS 0

 CMA VALUE 0.155

 LEVEL OF SERVICE A

Capacity assumed = 1500.

CRAIN AND ASSOCIATES
CMA CALCULATIONS

INTERSECTION: 4, LOS LIONES DR. & TRAMONTO DR.
DATE: 3/28/2002 INITIALS: CT PERIOD: PM PEAK HOUR
CASE: EXISTING (2002)

** INPUT VOLUMES **

APPROACH	LEFT	THROUGH	** RIGHT TURNS **	
			MIN ON GREEN	MAX ON RED
WESTBOUND	70	19	0	0
EASTBOUND	0	26	8	0
NORTHBOUND	2	0	70	0
SOUTHBOUND	0	0	0	0

** NUMBER OF LANES **

APPROACH	LEFT ONLY	LEFT SHARED	THROUGH ONLY	RIGHT SHARED	RIGHT ONLY	L/T/R SHARED	TOTAL LANES
EASTBOUND	0	0	1	1	0	0	2
NORTHBOUND	0	0	0	0	0	1	1
SOUTHBOUND	0	0	0	0	0	0	0

** ASSIGNED LANE VOLUMES **

APPROACH	LEFT ONLY	LEFT SHARED	THROUGH ONLY	RIGHT SHARED	RIGHT ONLY	L/T/R SHARED
EASTBOUND	N/A	N/A	17	17	N/A	N/A
NORTHBOUND	N/A	N/A	N/A	N/A	N/A	72
SOUTHBOUND	N/A	N/A	N/A	N/A	N/A	N/A

EAST-WEST CRITICAL VOLUMES	89
NORTH-SOUTH CRITICAL VOLUMES	72

THE SUM OF CRITICAL VOLUMES	161
NUMBER OF CRITICAL CLEARANCE INTERVALS	0
CMA VALUE	0.107
LEVEL OF SERVICE	A

Capacity assumed = 1500.

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CRAIN AND ASSOCIATES
CMA CALCULATIONS

INTERSECTION: 4, LOS LIONES DR. & TRAMONTO DR.
DATE: 3/28/2002 INITIALS: CT PERIOD: PM PEAK HOUR
CASE: FUTURE (2005) WITHOUT PROJECT

** INPUT VOLUMES **

APPROACH	LEFT	THROUGH	** RIGHT TURNS **	
			MIN ON GREEN	MAX ON RED
WESTBOUND	76	41	0	0
EASTBOUND	0	64	8	0
NORTHBOUND	2	0	73	0
SOUTHBOUND	0	0	0	0

** NUMBER OF LANES **

APPROACH	LEFT ONLY	LEFT SHARED	THROUGH ONLY	RIGHT SHARED	RIGHT ONLY	L/T/R SHARED	TOTAL LANES
EASTBOUND	0	0	1	1	0	0	2
NORTHBOUND	0	0	0	0	0	1	1
SOUTHBOUND	0	0	0	0	0	0	0

** ASSIGNED LANE VOLUMES **

APPROACH	LEFT ONLY	LEFT SHARED	THROUGH ONLY	RIGHT SHARED	RIGHT ONLY	L/T/R SHARED
EASTBOUND	N/A	N/A	36	36	N/A	N/A
NORTHBOUND	N/A	N/A	N/A	N/A	N/A	75
SOUTHBOUND	N/A	N/A	N/A	N/A	N/A	N/A

EAST-WEST CRITICAL VOLUMES 117
 NORTH-SOUTH CRITICAL VOLUMES 75

 THE SUM OF CRITICAL VOLUMES 192
 NUMBER OF CRITICAL CLEARANCE INTERVALS 0
 CMA VALUE 0.128
 LEVEL OF SERVICE A

 Capacity assumed = 1500.

CRAIN AND ASSOCIATES
CMA CALCULATIONS

INTERSECTION: 4, LOS LIONES DR. & TRAMONTO DR.
DATE: 3/28/2002 INITIALS: CT PERIOD: PM PEAK HOUR
CASE: FUTURE (2005) WITH PROJECT

** INPUT VOLUMES **

APPROACH	LEFT	THROUGH	** RIGHT TURNS **	
			MIN ON GREEN	MAX ON RED
WESTBOUND	97	41	0	0
EASTBOUND	0	64	8	0
NORTHBOUND	2	0	84	0
SOUTHBOUND	0	0	0	0

** NUMBER OF LANES **

APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R	TOTAL LANES
	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED	
WESTBOUND	0	1	0	0	0	0	1
EASTBOUND	0	0	1	1	0	0	2
NORTHBOUND	0	0	0	0	0	1	1
SOUTHBOUND	0	0	0	0	0	0	0

** ASSIGNED LANE VOLUMES **

APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R
	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED
WESTBOUND	N/A	138	N/A	N/A	N/A	N/A
EASTBOUND	N/A	N/A	36	36	N/A	N/A
NORTHBOUND	N/A	N/A	N/A	N/A	N/A	86
SOUTHBOUND	N/A	N/A	N/A	N/A	N/A	N/A

EAST-WEST CRITICAL VOLUMES	138
NORTH-SOUTH CRITICAL VOLUMES	86

THE SUM OF CRITICAL VOLUMES	224
NUMBER OF CRITICAL CLEARANCE INTERVALS	0
CMA VALUE	0.149
LEVEL OF SERVICE	A

Capacity assumed = 1500.

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