

TRAFFIC COUNT SUMMARY

City of Los Angeles
Department of Transportation
Count by Crain & Associates

STREET: North/South De Soto Ave

East/West Tulsa St

Day: AM Wednesday Date: January 21, 2004 Weather: CLEAR
PM Wednesday January 21, 2004
Hours: 7-9 AM 4-8 PM

School Day: YES District: WEST VALLEY

	<u>N/B</u>	<u>S/B</u>	<u>E/B</u>	<u>W/B</u>
DUAL-WHEELED BIKES	N/A	N/A	N/A	N/A
BUSES	N/A	N/A	N/A	N/A
	<u>N/B TIME</u>	<u>S/B TIME</u>	<u>E/B TIME</u>	<u>W/B TIME</u>
AM PK 15 MIN	443 7:45	666 7:30	0 7:00	20 7:30
PM PK 15 MIN	775 4:45	432 5:30	0 3:00	13 5:45
AM PK HOUR	1,658 7:00	2,627 7:00	0 7:00	73 7:15
PM PK HOUR	2,943 4:45	1,636 5:00	0 3:00	28 5:00

NORTHBOUND Approach

Hours	Lt	Th	Rt	Total
7-8	0	1,636	22	1,658
8-9	0	1,209	15	1,224
4-5	0	2,740	18	2,758
5-6	0	2,772	28	2,800
TOTAL	0	8,357	83	8,440

SOUTHBOUND Approach

Hours	Lt	Th	Rt	Total
7-8	6	2,621	0	2,627
8-9	9	2,340	0	2,349
4-5	24	1,520	0	1,544
5-6	33	1,603	0	1,636
TOTAL	72	8,084	0	8,156

TOTAL

N-S
4,285
3,573
4,302
4,436
16,596

XING S/L

Ped	Sch
N/A	N/A
N/A	N/A
N/A	N/A
N/A	N/A
N/A	N/A

XING N/L

Ped	Sch
N/A	N/A
N/A	N/A
N/A	N/A
N/A	N/A
N/A	N/A

EASTBOUND Approach

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

WESTBOUND Approach

Hours	Lt	Th	Rt	Total
7-8	1	0	63	64
8-9	5	0	41	46
4-5	1	0	24	25
5-6	3	0	25	28
TOTAL	9	0	90	163

TOTAL

E-W
64
46
25
28
163

XING W/L

Ped	Sch
N/A	N/A
N/A	N/A
N/A	N/A
N/A	N/A
N/A	N/A

XING E/L

Ped	Sch
N/A	N/A
N/A	N/A
N/A	N/A
N/A	N/A
N/A	N/A

TRAFFIC COUNT SUMMARY

City of Los Angeles
Department of Transportation
Count by Crain & Associates

STREET: North/South De Soto Ave

East/West Chatsworth St

Day: AM Wednesday Date: January 21, 2004 Weather: CLEAR
PM Wednesday January 21, 2004
 Hours: 7-9 AM 4-6 PM

School Day: YES District: WEST VALLEY

	<u>N/B</u>	<u>S/B</u>	<u>E/B</u>	<u>W/B</u>
DUAL-WHEELED BIKES	N/A	N/A	N/A	N/A
BUSES	N/A	N/A	N/A	N/A

	<u>N/B TIME</u>	<u>S/B TIME</u>	<u>E/B TIME</u>	<u>W/B TIME</u>
AM PK 15 MIN	371 7:45	707 7:15	152 7:45	120 7:45
PM PK 15 MIN	659 4:45	427 5:30	131 4:45	99 5:15
AM PK HOUR	1,320 7:00	2,591 7:00	525 7:30	395 7:30
PM PK HOUR	2,553 4:45	1,606 5:00	456 4:00	379 4:45

NORTHBOUND Approach					SOUTHBOUND Approach					TOTAL	XING S/L		XING N/L	
Hours	Lt	Th	Rt	Total	Hours	Lt	Th	Rt	Total	N-S	Ped	Sch	Ped	Sch
7 - 8	19	1,291	10	1,320	7 - 8	281	1,915	395	2,591	3,911	N/A	N/A	N/A	N/A
8 - 9	21	958	18	997	8 - 9	190	1,757	374	2,321	3,318	N/A	N/A	N/A	N/A
4 - 5	20	2,343	37	2,400	4 - 5	73	1,275	168	1,516	3,916	N/A	N/A	N/A	N/A
5 - 6	31	2,379	56	2,466	5 - 6	64	1,365	177	1,606	4,072	N/A	N/A	N/A	N/A
TOTAL	91	6,971	121	7,183	TOTAL	608	6,312	1,114	8,034	15,217	N/A	N/A	N/A	N/A

EASTBOUND Approach					WESTBOUND Approach					TOTAL	XING W/L		XING E/L	
Hours	Lt	Th	Rt	Total	Hours	Lt	Th	Rt	Total	E-W	Ped	Sch	Ped	Sch
7 - 8	211	230	17	458	7 - 8	15	180	139	334	792	N/A	N/A	N/A	N/A
8 - 9	188	206	30	422	8 - 9	17	150	72	239	661	N/A	N/A	N/A	N/A
4 - 5	228	193	35	456	4 - 5	21	128	187	336	792	N/A	N/A	N/A	N/A
5 - 6	209	148	28	385	5 - 6	18	122	212	352	737	N/A	N/A	N/A	N/A
TOTAL	623	547	93	1,721	TOTAL	56	400	471	1,261	2,882	N/A	N/A	N/A	N/A

TRAFFIC COUNT SUMMARY

City of Los Angeles
Department of Transportation
Count by Crain & Associates

STREET: North/South De Soto Ave

East/West Devonshire St.

Day: AM Thursday Date: January 22, 2004 Weather: CLEAR
PM Thursday January 22, 2004
 Hours: 7-9 AM 4-6 PM

School Day: YES District: WEST VALLEY

	<u>N/B</u>	<u>S/B</u>	<u>E/B</u>	<u>W/B</u>
DUAL-WHEELED	N/A	N/A	N/A	N/A
BIKES	N/A	N/A	N/A	N/A
BUSES	N/A	N/A	N/A	N/A
	<u>N/B TIME</u>	<u>S/B TIME</u>	<u>E/B TIME</u>	<u>W/B TIME</u>
AM PK 15 MIN	394 7:45	458 8:30	324 7:45	364 7:45
PM PK 15 MIN	651 4:45	382 4:45	316 5:00	252 5:30
AM PK HOUR	1,328 7:15	1,712 7:45	1,142 7:15	1,267 7:30
PM PK HOUR	2,408 4:45	1,417 4:45	1,154 4:45	945 4:45

NORTHBOUND Approach					SOUTHBOUND Approach					TOTAL	XING S/L	XING N/L
Hours	Lt	Th	Rt	Total	Hours	Lt	Th	Rt	Total	N-S	Ped Sch	Ped Sch
7 - 8	156	1,028	97	1,283	7 - 8	110	1,540	60	1,710	2,993	N/A	N/A
8 - 9	89	811	85	985	8 - 9	95	1,514	79	1,688	2,673	N/A	N/A
4 - 5	143	1,965	124	2,232	4 - 5	174	1,015	171	1,360	3,592	N/A	N/A
5 - 6	123	1,932	186	2,241	5 - 6	182	1,039	140	1,361	3,602	N/A	N/A
TOTAL	513	6,736	492	6,741	TOTAL	561	5,108	450	6,119	12,860	N/A	N/A

EASTBOUND Approach					WESTBOUND Approach					TOTAL	XING W/L	XING E/L
Hours	Lt	Th	Rt	Total	Hours	Lt	Th	Rt	Total	E-W	Ped Sch	Ped Sch
7 - 8	300	686	68	1,054	7 - 8	247	681	103	1,031	2,085	N/A	N/A
8 - 9	190	565	101	856	8 - 9	253	632	100	985	1,841	N/A	N/A
4 - 5	320	712	97	1,129	4 - 5	120	673	132	925	2,054	N/A	N/A
5 - 6	283	752	96	1,131	5 - 6	124	675	146	945	2,076	N/A	N/A
TOTAL	793	2,029	294	4,170	TOTAL	497	1,980	378	3,886	8,056	N/A	N/A

TRAFFIC COUNT SUMMARY

City of Los Angeles
Department of Transportation
Count by Crain & Associates

STREET: North/South Mason Av

East/West Chatsworth St

Day: AM Wednesday Date: January 21, 2004 Weather: CLEAR
PM Wednesday January 21, 2004

Hours: 7-9 AM 4-6 PM

School Day: YES District: WEST VALLEY

	<u>N/B</u>	<u>S/B</u>	<u>E/B</u>	<u>W/B</u>
DUAL-WHEELED	N/A	N/A	N/A	N/A
BIKES	N/A	N/A	N/A	N/A
BUSES	N/A	N/A	N/A	N/A

	<u>N/B TIME</u>	<u>S/B TIME</u>	<u>E/B TIME</u>	<u>W/B TIME</u>
AM PK 15 MIN	153 7:30	341 7:30	155 8:00	35 7:30
PM PK 15 MIN	308 6:15	144 5:45	83 5:30	12 5:30
AM PK HOUR	153 7:30	341 7:30	155 8:00	35 7:30
PM PK HOUR	1,164 4:30	552 5:00	281 4:45	36 4:45

NORTHBOUND Approach

Hours	Lt	Th	Rt	Total
7 - 8	39	75	0	114
8 - 9	34	89	2	125
4 - 5	226	767	13	1,006
5 - 6	280	860	18	1,158
TOTAL	579	1,791	31	2,401

SOUTHBOUND Approach

Hours	Lt	Th	Rt	Total
7 - 8	0	240	15	255
8 - 9	0	236	28	264
4 - 5	7	451	64	522
5 - 6	11	475	66	552
TOTAL	18	1,402	173	1,593

TOTAL	XING S/L	XING N/L
N-S	Ped Sch	Ped Sch
369	N/A N/A	N/A N/A
369	N/A N/A	N/A N/A
1,628	N/A N/A	N/A N/A
1,708	N/A N/A	N/A N/A
3,894	N/A N/A	N/A N/A

EASTBOUND Approach

Hours	Lt	Th	Rt	Total
7 - 8	9	1	102	112
8 - 9	39	1	115	155
4 - 5	102	13	184	279
5 - 6	116	14	144	274
TOTAL	257	28	423	820

WESTBOUND Approach

Hours	Lt	Th	Rt	Total
7 - 8	10	0	0	10
8 - 9	4	7	2	13
4 - 5	14	9	10	33
5 - 6	9	5	19	33
TOTAL	27	21	31	89

TOTAL	XING W/L	XING E/L
E-W	Ped Sch	Ped Sch
122	N/A N/A	N/A N/A
168	N/A N/A	N/A N/A
312	N/A N/A	N/A N/A
307	N/A N/A	N/A N/A
909	N/A N/A	N/A N/A

TRAFFIC COUNT SUMMARY

City of Los Angeles
Department of Transportation
Count by Crain & Associates

STREET: North/South Mason Av

East/West Devonshire St

Day: AM Wednesday Date: March 10, 2004 Weather: CLEAR
PM Wednesday March 10, 2004
 Hours: 7-9 AM 4-6 PM

School Day: YES District: WEST VALLEY

	N/B	S/B	E/B	W/B
DUAL-WHEELED	N/A	N/A	N/A	N/A
BIKES	N/A	N/A	N/A	N/A
BUSES	N/A	N/A	N/A	N/A

	N/B TIME	S/B TIME	E/B TIME	W/B TIME
AM PK 15 MIN	153 7:30	341 7:30	155 8:00	35 7:30
PM PK 15 MIN	342 4:45	195 4:00	275 4:45	255 5:45
AM PK HOUR	164 7:45	425 7:15	207 7:30	232 7:15
PM PK HOUR	1,236 4:30	642 4:00	983 4:45	849 5:00

NORTHBOUND Approach

Hours	Lt	Th	Rt	Total
7-8	12	81	9	102
8-9	17	83	17	117
4-5	138	858	186	1,182
5-6	125	808	184	1,117
TOTAL	292	1,830	396	2,518

SOUTHBOUND Approach

Hours	Lt	Th	Rt	Total
7-8	33	317	41	391
8-9	43	301	28	372
4-5	78	510	54	642
5-6	74	459	56	589
TOTAL	228	1,587	179	1,994

TOTAL

XING S/L

XING N/L

N-S	Ped Sch	Ped Sch
493	N/A	N/A
489	N/A	N/A
1,824	N/A	N/A
1,706	N/A	N/A
4,512	N/A	N/A

EASTBOUND Approach

Hours	Lt	Th	Rt	Total
7-8	12	90	23	125
8-9	14	69	51	134
4-5	119	652	112	883
5-6	142	682	115	939
TOTAL	275	1,403	278	2,081

WESTBOUND Approach

Hours	Lt	Th	Rt	Total
7-8	13	144	10	167
8-9	9	176	14	199
4-5	104	523	136	763
5-6	78	618	153	849
TOTAL	181	1,317	303	1,978

TOTAL

XING W/L

XING E/L

E-W	Ped Sch	Ped Sch
292	N/A	N/A
333	N/A	N/A
1,646	N/A	N/A
1,788	N/A	N/A
4,059	N/A	N/A

City Traffic Counters

24-HOUR ADT COUNT SUMMARY

PROJECT: CRAIN & ASSOCIATES
 LOCATION: TULSA STREET
 W/O LURLINE AVENUE
 DATE: THURSDAY, JANUARY 22, 2004

DIRECTION:		WESTBOUND				HOUR TOTALS
TIME	00-15	15-30	30-45	45-60		
0:00	3	1	0	0	4	
1:00	0	1	2	2	5	
2:00	0	0	0	0	0	
3:00	0	0	0	0	0	
4:00	0	1	0	1	2	
5:00	1	3	4	2	10	
6:00	2	8	5	9	24	
7:00	10	12	17	8	47	
8:00	5	4	7	5	21	
9:00	5	3	4	10	22	
10:00	4	9	10	8	31	
11:00	7	7	9	5	28	
12:00	10	9	7	6	32	
13:00	6	5	11	10	32	
14:00	7	7	8	9	31	
15:00	7	10	8	7	32	
16:00	12	7	8	10	37	
17:00	15	16	11	12	54	
18:00	17	11	8	6	42	
19:00	8	10	7	5	30	
20:00	4	8	8	4	24	
21:00	9	8	4	5	26	
22:00	4	2	3	6	15	
23:00	0	3	3	1	7	
TOTAL					556	
AM PEAK HOUR		6:45 - 7:45				
VOLUME		48				
PM PEAK HOUR		17:15 - 18:15				
VOLUME		56				

DIRECTION:		EASTBOUND				HOUR TOTALS
TIME	00-15	15-30	30-45	45-60		
0:00	1	3	0	0	4	
1:00	0	1	0	0	1	
2:00	0	0	0	0	0	
3:00	0	0	0	0	0	
4:00	0	1	1	2	4	
5:00	0	1	5	8	14	
6:00	5	15	18	32	70	
7:00	11	7	5	9	32	
8:00	8	8	3	4	23	
9:00	4	3	7	4	18	
10:00	3	4	9	11	27	
11:00	3	4	7	7	21	
12:00	3	7	5	5	20	
13:00	3	10	6	7	26	
14:00	8	5	5	5	23	
15:00	7	8	3	5	23	
16:00	9	11	6	6	32	
17:00	15	9	5	6	35	
18:00	12	8	5	7	32	
19:00	2	11	11	3	27	
20:00	8	4	3	4	19	
21:00	3	4	2	6	15	
22:00	3	1	4	0	8	
23:00	2	2	2	1	7	
TOTAL					481	
AM PEAK HOUR		6:15 - 7:15				
VOLUME		76				
PM PEAK HOUR		16:15 - 17:15				
VOLUME		38				

TOTAL BI-DIRECTIONAL VOLUME	1037
-----------------------------	------

APPENDIX E
CRITICAL MOVEMENT ANALYSIS (CMA)
CALCULATION SHEETS

EXISTING (2004) TRAFFIC CONDITIONS

CRAIN & ASSOCIATES
CMA CALCULATIONS

INTERSECTION: 1, RONALD REAGAN FWY. W/B RAMPS & DE SOTO AV.
DATE: 9/2/2004 INITIALS: LC PERIOD: AM PEAK HOUR
CASE: EXISTING (2004)

** INPUT VOLUMES **

APPROACH	LEFT	THROUGH	** RIGHT TURNS **	
			MIN ON GREEN	MAX ON RED
WESTBOUND	1499	0	422	110
EASTBOUND	0	0	0	0
NORTHBOUND	0	6	0	424
SOUTHBOUND	3	447	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	0	0	0	0	0
NORTHBOUND	0	0	1	0	2	0	3
SOUTHBOUND	0	1	1	0	0	0	2

** ASSIGNED LANE VOLUMES **

APPROACH	LEFT ONLY	LEFT SHARED	THROUGH ONLY	RIGHT SHARED	RIGHT ONLY	L/T/R SHARED
EASTBOUND	N/A	N/A	N/A	N/A	N/A	N/A
NORTHBOUND	N/A	N/A	6	N/A	0	N/A
SOUTHBOUND	N/A	225	225	N/A	N/A	N/A

EAST-WEST CRITICAL VOLUMES 824
 NORTH-SOUTH CRITICAL VOLUMES 225

 THE SUM OF CRITICAL VOLUMES 1049
 NUMBER OF CRITICAL CLEARANCE INTERVALS 0
 CMA VALUE 0.874
 LEVEL OF SERVICE D

Capacity used = 1200.

File: I:\Crain Projects\Active Projects\Sierra Canyon High School\Data\Icap6\2007 Future Year Scenario\TotalwithRinaldi.xls, Worksheet: Total, Row: 2
 9/2/2004 4:53:39 PM

CRAIN & ASSOCIATES
CMA CALCULATIONS

INTERSECTION: 1, RONALD REAGAN FWY. W/B RAMPS & DE SOTO AV.
DATE: 9/2/2004 INITIALS: LC PERIOD: PM PEAK HOUR
CASE: EXISTING (2004)

** INPUT VOLUMES **

APPROACH	LEFT	THROUGH	** RIGHT TURNS **	
			MIN ON GREEN	MAX ON RED
WESTBOUND	1034	0	5	2
EASTBOUND	0	0	0	0
NORTHBOUND	0	18	0	749
SOUTHBOUND	3	18	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	0	0	0	0	0
NORTHBOUND	0	0	1	0	2	0	3
SOUTHBOUND	0	1	1	0	0	0	2

** ASSIGNED LANE VOLUMES **

APPROACH	LEFT ONLY	LEFT SHARED	THROUGH ONLY	RIGHT SHARED	RIGHT ONLY	L/T/R SHARED
EASTBOUND	N/A	N/A	N/A	N/A	N/A	N/A
NORTHBOUND	N/A	N/A	18	N/A	0	N/A
SOUTHBOUND	N/A	10	10	N/A	N/A	N/A

EAST-WEST CRITICAL VOLUMES 569
 NORTH-SOUTH CRITICAL VOLUMES 21

 THE SUM OF CRITICAL VOLUMES 590
 NUMBER OF CRITICAL CLEARANCE INTERVALS 0
 CMA VALUE 0.492
 LEVEL OF SERVICE A

Capacity used = 1200.

File: I:\Crain Projects\Active Projects\Sierra Canyon High School\Data\Icap6\2007 Future Year Scenario\TotalwithRinaldi.xls, Worksheet: Total, Row: 6
 9/2/2004 4:53:39 PM

CRAIN & ASSOCIATES
CMA CALCULATIONS

INTERSECTION: 2, RONALD REAGAN FWY. E/B RAMPS & DE SOTO AV.
DATE: 9/2/2004 INITIALS: LC PERIOD: AM PEAK HOUR
CASE: EXISTING (2004)

** INPUT VOLUMES **

APPROACH	LEFT	THROUGH	** RIGHT TURNS **	
			MIN ON GREEN	MAX ON RED
WESTBOUND	0	0	0	0
EASTBOUND	2	1	0	761
NORTHBOUND	0	429	0	1264
SOUTHBOUND	4	1943	0	0

** NUMBER OF LANES **

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

** ASSIGNED LANE VOLUMES **

APPROACH	LEFT ONLY	LEFT SHARED	THROUGH ONLY	RIGHT SHARED	RIGHT ONLY	L/T/R SHARED
WESTBOUND	N/A	N/A	N/A	N/A	N/A	N/A
EASTBOUND	N/A	3	N/A	N/A	0	N/A
NORTHBOUND	N/A	N/A	214	N/A	0	N/A
SOUTHBOUND	4	N/A	972	N/A	N/A	N/A

EAST-WEST CRITICAL VOLUMES	3
NORTH-SOUTH CRITICAL VOLUMES	972

THE SUM OF CRITICAL VOLUMES	975
NUMBER OF CRITICAL CLEARANCE INTERVALS	0
CMA VALUE	0.812
LEVEL OF SERVICE	D

Capacity used = 1200.

File: I:\Crain Projects\Active Projects\Sierra Canyon High School\Data\Icap6\2007 Future Year Scenario\TotalwithRinaldi.xls, Worksheet:
Total, Row: 10
9/2/2004 4:53:39 PM

CRAIN & ASSOCIATES
CMA CALCULATIONS

INTERSECTION: 2, RONALD REAGAN FWY. E/B RAMPS & DE SOTO AV.
DATE: 9/2/2004 INITIALS: LC PERIOD: PM PEAK HOUR
CASE: EXISTING (2004)

** INPUT VOLUMES **

APPROACH	LEFT	THROUGH	** RIGHT TURNS **	
			MIN ON GREEN	MAX ON RED
WESTBOUND	0	0	0	0
EASTBOUND	5	0	0	418
NORTHBOUND	0	763	0	1949
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	1	0	0	1	0	2
NORTHBOUND	0	0	1	1	1	0	3
SOUTHBOUND	1	0	2	0	0	0	3

** ASSIGNED LANE VOLUMES **

APPROACH	LEFT ONLY	LEFT SHARED	THROUGH ONLY	RIGHT SHARED	RIGHT ONLY	L/T/R SHARED
EASTBOUND	N/A	5	N/A	N/A	0	N/A
NORTHBOUND	N/A	N/A	382	N/A	0	N/A
SOUTHBOUND	0	N/A	0	N/A	N/A	N/A

EAST-WEST CRITICAL VOLUMES	5
NORTH-SOUTH CRITICAL VOLUMES	382

THE SUM OF CRITICAL VOLUMES	387
NUMBER OF CRITICAL CLEARANCE INTERVALS	0
CMA VALUE	0.322
LEVEL OF SERVICE	A

Capacity used = 1200.

File: I:\Crain Projects\Active Projects\Sierra Canyon High School\Data\Icap6\2007 Future Year Scenario\TotalwithRinaldi.xls, Worksheet: Total, Row: 14
9/2/2004 4:53:39 PM

CRAIN & ASSOCIATES
CMA CALCULATIONS

INTERSECTION: 3, RINALDI ST. & DE SOTO AV.
DATE: 9/2/2004 INITIALS: LC PERIOD: AM PEAK HOUR
CASE: EXISTING (2004)

** INPUT VOLUMES **

APPROACH	LEFT	THROUGH	** RIGHT TURNS **	
			MIN ON GREEN	MAX ON RED
WESTBOUND	1	0	0	5
EASTBOUND	0	0	0	0
NORTHBOUND	0	1694	2	0
SOUTHBOUND	4	2626	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	0	0	0	0	0
NORTHBOUND	0	0	2	0	1	0	3
SOUTHBOUND	1	0	2	0	0	0	3

** ASSIGNED LANE VOLUMES **

APPROACH	LEFT ONLY	LEFT SHARED	THROUGH ONLY	RIGHT SHARED	RIGHT ONLY	L/T/R SHARED
EASTBOUND	N/A	N/A	N/A	N/A	N/A	N/A
NORTHBOUND	N/A	N/A	847	N/A	2	N/A
SOUTHBOUND	4	N/A	1313	N/A	N/A	N/A

EAST-WEST CRITICAL VOLUMES	0
NORTH-SOUTH CRITICAL VOLUMES	1313

THE SUM OF CRITICAL VOLUMES	1313
NUMBER OF CRITICAL CLEARANCE INTERVALS	2
CMA VALUE	0.875
LEVEL OF SERVICE	D

Capacity used = 1500.

File: I:\Crain Projects\Active Projects\Sierra Canyon High School\Data\Icap6\2007 Future Year Scenario\TotalwithRinaldi.xls, Worksheet: Total, Row: 18
9/2/2004 4:53:40 PM

CRAIN & ASSOCIATES
CMA CALCULATIONS

INTERSECTION: 3, RINALDI ST. & DE SOTO AV.
DATE: 9/2/2004 INITIALS: LC PERIOD: PM PEAK HOUR
CASE: EXISTING (2004)

** INPUT VOLUMES **

APPROACH	LEFT	THROUGH	** RIGHT TURNS **	
			MIN ON GREEN	MAX ON RED
WESTBOUND	2	0	0	2
EASTBOUND	0	0	0	0
NORTHBOUND	0	2931	2	0
SOUTHBOUND	5	1583	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	0	0	0	0	0
NORTHBOUND	0	0	2	0	1	0	3
SOUTHBOUND	1	0	2	0	0	0	3

** ASSIGNED LANE VOLUMES **

APPROACH	LEFT ONLY	LEFT SHARED	THROUGH ONLY	RIGHT SHARED	RIGHT ONLY	L/T/R SHARED
EASTBOUND	N/A	N/A	N/A	N/A	N/A	N/A
NORTHBOUND	N/A	N/A	1466	N/A	2	N/A
SOUTHBOUND	5	N/A	792	N/A	N/A	N/A

EAST-WEST CRITICAL VOLUMES	1
NORTH-SOUTH CRITICAL VOLUMES	1471

THE SUM OF CRITICAL VOLUMES	1472
NUMBER OF CRITICAL CLEARANCE INTERVALS	2
CMA VALUE	0.981
LEVEL OF SERVICE	E

Capacity used = 1500.

File: I:\Crain Projects\Active Projects\Sierra Canyon High School\Data\Icap6\2007 Future Year Scenario\TotalwithRinaldi.xls, Worksheet:
Total, Row: 22
9/2/2004 4:53:40 PM

CRAIN & ASSOCIATES
CMA CALCULATIONS

INTERSECTION: 4, TULSA ST. & DE SOTO AV.
DATE: 9/2/2004 INITIALS: LC PERIOD: AM PEAK HOUR
CASE: EXISTING (2004)

** INPUT VOLUMES **

APPROACH	LEFT	THROUGH	** RIGHT TURNS **	
			MIN ON GREEN	MAX ON RED
WESTBOUND	1	0	63	0
EASTBOUND	0	0	0	0
NORTHBOUND	0	1636	0	22
SOUTHBOUND	0	2621	0	0

** NUMBER OF LANES **

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

** ASSIGNED LANE VOLUMES **

APPROACH	LEFT ONLY	LEFT SHARED	THROUGH ONLY	RIGHT SHARED	RIGHT ONLY	L/T/R SHARED
WESTBOUND	N/A	N/A	N/A	N/A	N/A	64
EASTBOUND	N/A	N/A	N/A	N/A	N/A	0
NORTHBOUND	0	N/A	818	N/A	0	N/A
SOUTHBOUND	N/A	N/A	1310	N/A	0	N/A

EAST-WEST CRITICAL VOLUMES	64
NORTH-SOUTH CRITICAL VOLUMES	1310

THE SUM OF CRITICAL VOLUMES	1374
NUMBER OF CRITICAL CLEARANCE INTERVALS	0
CMA VALUE	1.145
LEVEL OF SERVICE	F

Capacity used = 1200.

File: I:\Crain Projects\Active Projects\Sierra Canyon High School\Data\Icap6\2007 Future Year Scenario\TotalwithRinaldi.xls, Worksheet:
Total, Row: 26
9/2/2004 4:53:40 PM

CRAIN & ASSOCIATES
CMA CALCULATIONS

INTERSECTION: 4, TULSA ST. & DE SOTO AV.
DATE: 9/2/2004 INITIALS: LC PERIOD: PM PEAK HOUR
CASE: EXISTING (2004)

** INPUT VOLUMES **

APPROACH	LEFT	THROUGH	** RIGHT TURNS **	
			MIN ON GREEN	MAX ON RED
WESTBOUND	3	0	16	0
EASTBOUND	0	0	0	0
NORTHBOUND	0	2917	16	10
SOUTHBOUND	30	1555	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	0	0	0	1	1
NORTHBOUND	1	0	2	0	1	0	4
SOUTHBOUND	1	0	2	0	1	0	4

** ASSIGNED LANE VOLUMES **

APPROACH	LEFT ONLY	LEFT SHARED	THROUGH ONLY	RIGHT SHARED	RIGHT ONLY	L/T/R SHARED
EASTBOUND	N/A	N/A	N/A	N/A	N/A	0
NORTHBOUND	0	N/A	1458	N/A	16	N/A
SOUTHBOUND	30	N/A	778	N/A	0	N/A

EAST-WEST CRITICAL VOLUMES 19
 NORTH-SOUTH CRITICAL VOLUMES 1488

 THE SUM OF CRITICAL VOLUMES 1507
 NUMBER OF CRITICAL CLEARANCE INTERVALS 0
 CMA VALUE 1.256
 LEVEL OF SERVICE F

Capacity used = 1200.

File: I:\Crain Projects\Active Projects\Sierra Canyon High School\Data\Icap6\2007 Future Year Scenario\TotalwithRinaldi.xls, Worksheet: Total, Row: 30
 9/2/2004 4:53:40 PM

CRAIN & ASSOCIATES
CMA CALCULATIONS

INTERSECTION: 5, CHATSWORTH ST. & DE SOTO AV.
DATE: 9/2/2004 INITIALS: LC PERIOD: AM PEAK HOUR
CASE: EXISTING (2004)

** INPUT VOLUMES **

APPROACH	LEFT	THROUGH	** RIGHT TURNS **	
			MIN ON GREEN	MAX ON RED
WESTBOUND	22	217	0	141
EASTBOUND	190	269	27	0
NORTHBOUND	22	1247	15	0
SOUTHBOUND	295	1850	324	95

** NUMBER OF LANES **

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

** ASSIGNED LANE VOLUMES **

APPROACH	LEFT ONLY	LEFT SHARED	THROUGH ONLY	RIGHT SHARED	RIGHT ONLY	L/T/R SHARED
EASTBOUND	190	N/A	148	148	N/A	N/A
NORTHBOUND	22	N/A	421	421	N/A	N/A
SOUTHBOUND	295	N/A	925	N/A	324	N/A

EAST-WEST CRITICAL VOLUMES	407
NORTH-SOUTH CRITICAL VOLUMES	947

THE SUM OF CRITICAL VOLUMES	1354
NUMBER OF CRITICAL CLEARANCE INTERVALS	3
CMA VALUE	0.950
LEVEL OF SERVICE	E

Capacity used = 1425.

File: I:\Crain Projects\Active Projects\Sierra Canyon High School\Data\Icap6\2007 Future Year Scenario\TotalwithRinaldi.xls, Worksheet: Total, Row: 34
9/2/2004 4:53:40 PM

CRAIN & ASSOCIATES
CMA CALCULATIONS

INTERSECTION: 5, CHATSWORTH ST. & DE SOTO AV.
DATE: 9/2/2004 INITIALS: LC PERIOD: PM PEAK HOUR
CASE: EXISTING (2004)

** INPUT VOLUMES **

APPROACH	LEFT	THROUGH	** RIGHT TURNS **	
			MIN ON GREEN	MAX ON RED
WESTBOUND	22	121	174	62
EASTBOUND	236	174	28	0
NORTHBOUND	30	2471	52	0
SOUTHBOUND	62	1326	52	118

** NUMBER OF LANES **

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

** ASSIGNED LANE VOLUMES **

APPROACH	LEFT ONLY	LEFT SHARED	THROUGH ONLY	RIGHT SHARED	RIGHT ONLY	L/T/R SHARED
EASTBOUND	236	N/A	101	101	N/A	N/A
NORTHBOUND	30	N/A	841	841	N/A	N/A
SOUTHBOUND	62	N/A	663	N/A	52	N/A

EAST-WEST CRITICAL VOLUMES	410
NORTH-SOUTH CRITICAL VOLUMES	903

THE SUM OF CRITICAL VOLUMES	1313
NUMBER OF CRITICAL CLEARANCE INTERVALS	3
CMA VALUE	0.921
LEVEL OF SERVICE	E

Capacity used = 1425.

File: I:\Crain Projects\Active Projects\Sierra Canyon High School\Data\Icap6\2007 Future Year Scenario\TotalwithRinaldi.xls, Worksheet: Total, Row: 38
9/2/2004 4:53:40 PM

CRAIN & ASSOCIATES
CMA CALCULATIONS

INTERSECTION: 6, DEVONSHIRE ST. & DE SOTO AV.
DATE: 9/2/2004 INITIALS: LC PERIOD: AM PEAK HOUR
CASE: EXISTING (2004)

** INPUT VOLUMES **

APPROACH	LEFT	THROUGH	** RIGHT TURNS **	
			MIN ON GREEN	MAX ON RED
WESTBOUND	311	792	0	97
EASTBOUND	323	732	87	0
NORTHBOUND	163	1057	108	0
SOUTHBOUND	106	1540	59	0

** NUMBER OF LANES **

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

** ASSIGNED LANE VOLUMES **

APPROACH	LEFT ONLY	LEFT SHARED	THROUGH ONLY	RIGHT SHARED	RIGHT ONLY	L/T/R SHARED
EASTBOUND	178	N/A	410	410	N/A	N/A
NORTHBOUND	90	N/A	388	388	N/A	N/A
SOUTHBOUND	58	N/A	533	533	N/A	N/A

EAST-WEST CRITICAL VOLUMES	581
NORTH-SOUTH CRITICAL VOLUMES	623

THE SUM OF CRITICAL VOLUMES	1204
NUMBER OF CRITICAL CLEARANCE INTERVALS	4
CMA VALUE	0.876
LEVEL OF SERVICE	D

Capacity used = 1375.

File: I:\Crain Projects\Active Projects\Sierra Canyon High School\Data\Icap6\2007 Future Year Scenario\TotalwithRinaldi.xls, Worksheet: Total, Row: 42
9/2/2004 4:53:41 PM

CRAIN & ASSOCIATES
CMA CALCULATIONS

INTERSECTION: 6, DEVONSHIRE ST. & DE SOTO AV.
DATE: 9/2/2004 INITIALS: LC PERIOD: PM PEAK HOUR
CASE: EXISTING (2004)

** INPUT VOLUMES **

APPROACH	LEFT	THROUGH	** RIGHT TURNS **	
			MIN ON GREEN	MAX ON RED
WESTBOUND	125	684	80	56
EASTBOUND	306	752	96	0
NORTHBOUND	133	2087	188	0
SOUTHBOUND	201	1063	153	0

** NUMBER OF LANES **

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

** ASSIGNED LANE VOLUMES **

APPROACH	LEFT ONLY	LEFT SHARED	THROUGH ONLY	RIGHT SHARED	RIGHT ONLY	L/T/R SHARED
EASTBOUND	168	N/A	424	424	N/A	N/A
NORTHBOUND	73	N/A	758	758	N/A	N/A
SOUTHBOUND	111	N/A	405	405	N/A	N/A

EAST-WEST CRITICAL VOLUMES 510
 NORTH-SOUTH CRITICAL VOLUMES 869

 THE SUM OF CRITICAL VOLUMES 1379
 NUMBER OF CRITICAL CLEARANCE INTERVALS 4
 CMA VALUE 1.003
 LEVEL OF SERVICE F

Capacity used = 1375.

File: I:\Crain Projects\Active Projects\Sierra Canyon High
 School\Data\Icap6\2007 Future Year Scenario\TotalwithRinaldi.xls, Worksheet:
 Total, Row: 46
 9/2/2004 4:53:41 PM

CRAIN & ASSOCIATES
CMA CALCULATIONS

INTERSECTION: 7, CHATSWORTH ST. & MASON AV.
DATE: 9/2/2004 INITIALS: LC PERIOD: AM PEAK HOUR
CASE: EXISTING (2004)

** INPUT VOLUMES **

APPROACH	LEFT	THROUGH	** RIGHT TURNS **	
			MIN ON GREEN	MAX ON RED
WESTBOUND	49	20	14	0
EASTBOUND	93	9	449	0
NORTHBOUND	147	365	11	0
SOUTHBOUND	2	1016	136	0

** NUMBER OF LANES **

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

** ASSIGNED LANE VOLUMES **

APPROACH	LEFT ONLY	LEFT SHARED	THROUGH ONLY	RIGHT SHARED	RIGHT ONLY	L/T/R SHARED
EASTBOUND	93	N/A	9	N/A	449	N/A
NORTHBOUND	147	N/A	365	N/A	11	N/A
SOUTHBOUND	N/A	508	510	N/A	136	N/A

EAST-WEST CRITICAL VOLUMES 498
 NORTH-SOUTH CRITICAL VOLUMES 657

 THE SUM OF CRITICAL VOLUMES 1155
 NUMBER OF CRITICAL CLEARANCE INTERVALS 0
 CMA VALUE 0.962
 LEVEL OF SERVICE E

Capacity used = 1200.

File: I:\Crain Projects\Active Projects\Sierra Canyon High
 School\Data\Icap6\2007 Future Year Scenario\TotalwithRinaldi.xls, Worksheet:
 Total, Row: 50
 9/2/2004 4:53:41 PM

CRAIN & ASSOCIATES
CMA CALCULATIONS

INTERSECTION: 7, CHATSWORTH ST. & MASON AV.
DATE: 9/2/2004 INITIALS: LC PERIOD: PM PEAK HOUR
CASE: EXISTING (2004)

** INPUT VOLUMES **

APPROACH	LEFT	THROUGH	** RIGHT TURNS **	
			MIN ON GREEN	MAX ON RED
WESTBOUND	9	5	19	0
EASTBOUND	116	14	144	0
NORTHBOUND	280	860	16	0
SOUTHBOUND	11	475	66	0

** NUMBER OF LANES **

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

** ASSIGNED LANE VOLUMES **

APPROACH	LEFT ONLY	LEFT SHARED	THROUGH ONLY	RIGHT SHARED	RIGHT ONLY	L/T/R SHARED
EASTBOUND	116	N/A	14	N/A	144	N/A
NORTHBOUND	N/A	331	808	N/A	16	N/A
SOUTHBOUND	N/A	224	262	N/A	66	N/A

EAST-WEST CRITICAL VOLUMES 153
 NORTH-SOUTH CRITICAL VOLUMES 819

 THE SUM OF CRITICAL VOLUMES 972
 NUMBER OF CRITICAL CLEARANCE INTERVALS 0
 CMA VALUE 0.810
 LEVEL OF SERVICE D

 Capacity used = 1200.

File: I:\Crain Projects\Active Projects\Sierra Canyon High School\Data\Icap6\2007 Future Year Scenario\TotalwithRinaldi.xls, Worksheet: Total, Row: 54
 9/2/2004 4:53:41 PM

CRAIN & ASSOCIATES
CMA CALCULATIONS

INTERSECTION: 8, DEVONSHIRE ST. & MASON AV.
DATE: 9/2/2004 INITIALS: LC PERIOD: AM PEAK HOUR
CASE: EXISTING (2004)

** INPUT VOLUMES **

APPROACH	LEFT	THROUGH	** RIGHT TURNS **	
			MIN ON GREEN	MAX ON RED
WESTBOUND	61	703	69	0
EASTBOUND	76	419	150	0
NORTHBOUND	66	396	83	0
SOUTHBOUND	160	1142	135	0

** NUMBER OF LANES **

APPROACH	LEFT ONLY	LEFT SHARED	THROUGH ONLY	RIGHT SHARED	RIGHT ONLY	L/T/R SHARED	TOTAL LANES
EASTBOUND	1	0	2	1	0	0	4
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	76	N/A	190	190	N/A	N/A
NORTHBOUND	66	N/A	240	240	N/A	N/A
SOUTHBOUND	160	N/A	638	638	N/A	N/A

EAST-WEST CRITICAL VOLUMES	333
NORTH-SOUTH CRITICAL VOLUMES	704

THE SUM OF CRITICAL VOLUMES	1037
NUMBER OF CRITICAL CLEARANCE INTERVALS	2
CMA VALUE	0.691
LEVEL OF SERVICE	B

CRAIN & ASSOCIATES
CMA CALCULATIONS

INTERSECTION: 8, DEVONSHIRE ST. & MASON AV.
DATE: 9/2/2004 INITIALS: LC PERIOD: PM PEAK HOUR
CASE: EXISTING (2004)

** INPUT VOLUMES **

APPROACH	LEFT	THROUGH	** RIGHT TURNS **	
			MIN ON GREEN	MAX ON RED
WESTBOUND	84	562	138	0
EASTBOUND	134	722	127	0
NORTHBOUND	129	899	198	0
SOUTHBOUND	72	494	53	0

** NUMBER OF LANES **

APPROACH	LEFT ONLY	LEFT SHARED	THROUGH ONLY	RIGHT SHARED	RIGHT ONLY	L/T/R SHARED	TOTAL LANES
EASTBOUND	1	0	2	1	0	0	4
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	134	N/A	283	283	N/A	N/A
NORTHBOUND	129	N/A	548	548	N/A	N/A
SOUTHBOUND	72	N/A	274	274	N/A	N/A

EAST-WEST CRITICAL VOLUMES	367
NORTH-SOUTH CRITICAL VOLUMES	620

THE SUM OF CRITICAL VOLUMES	987
NUMBER OF CRITICAL CLEARANCE INTERVALS	2
CMA VALUE	0.658
LEVEL OF SERVICE	B

FUTURE (2007) TRAFFIC CONDITIONS
WITH RINALDI STREET CONNECTED

CRAIN & ASSOCIATES
CMA CALCULATIONS

INTERSECTION: 1, RONALD REAGAN FWY. W/B RAMPS & DE SOTO AV.
DATE: 9/2/2004 INITIALS: LC PERIOD: AM PEAK HOUR
CASE: FUTURE (2007) WITHOUT PROJECT

** INPUT VOLUMES **

APPROACH	LEFT	THROUGH	** RIGHT TURNS **	
			MIN ON GREEN	MAX ON RED
WESTBOUND	827	0	448	118
EASTBOUND	0	0	0	0
NORTHBOUND	0	17	0	463
SOUTHBOUND	3	506	0	0

** NUMBER OF LANES **

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

** ASSIGNED LANE VOLUMES **

APPROACH	LEFT	LEFT	THROUGH	RIGHT	RIGHT	L/T/R
	ONLY	SHARED	ONLY	SHARED	ONLY	SHARED
WESTBOUND	455	N/A	N/A	N/A	448	N/A
EASTBOUND	N/A	N/A	N/A	N/A	N/A	N/A
NORTHBOUND	N/A	N/A	17	N/A	0	N/A
SOUTHBOUND	N/A	254	254	N/A	N/A	N/A

EAST-WEST CRITICAL VOLUMES 455
 NORTH-SOUTH CRITICAL VOLUMES 254

 THE SUM OF CRITICAL VOLUMES 709
 NUMBER OF CRITICAL CLEARANCE INTERVALS 0
 CMA VALUE 0.591
 LEVEL OF SERVICE A

Capacity used = 1200.

File: I:\Crain Projects\Active Projects\Sierra Canyon High
 School\Data\Icap6\2007 Future Year Scenario\TotalwithRinaldi.xls, Worksheet:
 Total, Row: 3
 9/2/2004 4:53:39 PM

CRAIN & ASSOCIATES
CMA CALCULATIONS

INTERSECTION: 1, RONALD REAGAN FWY. W/B RAMPS & DE SOTO AV.
DATE: 9/2/2004 INITIALS: LC PERIOD: AM PEAK HOUR
CASE: FUTURE (2007) WITH PROJECT

** INPUT VOLUMES **

APPROACH	LEFT	THROUGH	** RIGHT TURNS **	
			MIN ON GREEN	MAX ON RED
WESTBOUND	842	0	448	118
EASTBOUND	0	0	0	0
NORTHBOUND	0	17	0	493
SOUTHBOUND	3	506	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	0	0	0	0	0
NORTHBOUND	0	0	1	0	2	0	3
SOUTHBOUND	0	1	1	0	0	0	2

** ASSIGNED LANE VOLUMES **

APPROACH	LEFT ONLY	LEFT SHARED	THROUGH ONLY	RIGHT SHARED	RIGHT ONLY	L/T/R SHARED
EASTBOUND	N/A	N/A	N/A	N/A	N/A	N/A
NORTHBOUND	N/A	N/A	17	N/A	0	N/A
SOUTHBOUND	N/A	254	254	N/A	N/A	N/A

EAST-WEST CRITICAL VOLUMES 463
 NORTH-SOUTH CRITICAL VOLUMES 254

 THE SUM OF CRITICAL VOLUMES 717
 NUMBER OF CRITICAL CLEARANCE INTERVALS 0
 CMA VALUE 0.598
 LEVEL OF SERVICE A

Capacity used = 1200.

File: I:\Crain Projects\Active Projects\Sierra Canyon High School\Data\Icap6\2007 Future Year Scenario\TotalwithRinaldi.xls, Worksheet: Total, Row: 4
 9/2/2004 4:53:39 PM

CRAIN & ASSOCIATES
CMA CALCULATIONS

INTERSECTION: 1, RONALD REAGAN FWY. W/B RAMPS & DE SOTO AV.
DATE: 9/2/2004 INITIALS: LC PERIOD: AM PEAK HOUR
CASE: FUTURE (2007) WITH PROJECT WITH TDM

** INPUT VOLUMES **

APPROACH	LEFT	THROUGH	** RIGHT TURNS **	
			MIN ON GREEN	MAX ON RED
WESTBOUND	838	0	448	118
EASTBOUND	0	0	0	0
NORTHBOUND	0	17	0	486
SOUTHBOUND	3	506	0	0

** NUMBER OF LANES **

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

** ASSIGNED LANE VOLUMES **

APPROACH	LEFT ONLY	LEFT SHARED	THROUGH ONLY	RIGHT SHARED	RIGHT ONLY	L/T/R SHARED
	WESTBOUND	461	N/A	N/A	N/A	448
EASTBOUND	N/A	N/A	N/A	N/A	N/A	N/A
NORTHBOUND	N/A	N/A	17	N/A	0	N/A
SOUTHBOUND	N/A	254	254	N/A	N/A	N/A

EAST-WEST CRITICAL VOLUMES 461
 NORTH-SOUTH CRITICAL VOLUMES 254

 THE SUM OF CRITICAL VOLUMES 715
 NUMBER OF CRITICAL CLEARANCE INTERVALS 0
 CMA VALUE 0.596
 LEVEL OF SERVICE A

Capacity used = 1200.

File: I:\Crain Projects\Active Projects\Sierra Canyon High School\Data\Icap6\2007 Future Year Scenario\TotalwithRinaldi.xls, Worksheet: Total, Row: 5
9/2/2004 4:53:39 PM

CRAIN & ASSOCIATES
CMA CALCULATIONS

INTERSECTION: 1, RONALD REAGAN FWY. W/B RAMPS & DE SOTO AV.
DATE: 9/2/2004 INITIALS: LC PERIOD: PM PEAK HOUR
CASE: FUTURE (2007) WITHOUT PROJECT

** INPUT VOLUMES **

APPROACH	LEFT	THROUGH	** RIGHT TURNS **	
			MIN ON GREEN	MAX ON RED
WESTBOUND	568	0	6	2
EASTBOUND	0	0	0	0
NORTHBOUND	0	56	0	838
SOUTHBOUND	3	38	0	0

** NUMBER OF LANES **

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

** ASSIGNED LANE VOLUMES **

APPROACH	LEFT ONLY	LEFT SHARED	THROUGH ONLY	RIGHT SHARED	RIGHT ONLY	L/T/R SHARED
	WESTBOUND	312	N/A	N/A	N/A	6
EASTBOUND	N/A	N/A	N/A	N/A	N/A	N/A
NORTHBOUND	N/A	N/A	56	N/A	0	N/A
SOUTHBOUND	N/A	20	20	N/A	N/A	N/A

EAST-WEST CRITICAL VOLUMES	312
NORTH-SOUTH CRITICAL VOLUMES	59

THE SUM OF CRITICAL VOLUMES	371
NUMBER OF CRITICAL CLEARANCE INTERVALS	0
CMA VALUE	0.309
LEVEL OF SERVICE	A

Capacity used = 1200.

File: I:\Crain Projects\Active Projects\Sierra Canyon High
School\Data\Icap6\2007 Future Year Scenario\TotalwithRinaldi.xls, Worksheet:
Total, Row: 7
9/2/2004 4:53:39 PM

CRAIN & ASSOCIATES
CMA CALCULATIONS

INTERSECTION: 1, RONALD REAGAN FWY. W/B RAMPS & DE SOTO AV.
DATE: 9/2/2004 INITIALS: LC PERIOD: PM PEAK HOUR
CASE: FUTURE (2007) WITH PROJECT

** INPUT VOLUMES **

APPROACH	LEFT	THROUGH	** RIGHT TURNS **	
			MIN ON GREEN	MAX ON RED
WESTBOUND	572	0	6	2
EASTBOUND	0	0	0	0
NORTHBOUND	0	56	0	859
SOUTHBOUND	3	38	0	0

** NUMBER OF LANES **

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

** ASSIGNED LANE VOLUMES **

APPROACH	LEFT ONLY	LEFT SHARED	THROUGH ONLY	RIGHT		L/T/R SHARED
				SHARED	ONLY	
WESTBOUND	315	N/A	N/A	N/A	6	N/A
EASTBOUND	N/A	N/A	N/A	N/A	N/A	N/A
NORTHBOUND	N/A	N/A	56	N/A	0	N/A
SOUTHBOUND	N/A	20	20	N/A	N/A	N/A

EAST-WEST CRITICAL VOLUMES 315
 NORTH-SOUTH CRITICAL VOLUMES 59

 THE SUM OF CRITICAL VOLUMES 374
 NUMBER OF CRITICAL CLEARANCE INTERVALS 0
 CMA VALUE 0.312
 LEVEL OF SERVICE A

Capacity used = 1200.

File: I:\Crain Projects\Active Projects\Sierra Canyon High School\Data\Icap6\2007 Future Year Scenario\TotalwithRinaldi.xls, Worksheet: Total, Row: 8
 9/2/2004 4:53:39 PM