



**CITY OF ENCINITAS
TRAFFIC COMMISSION
AGENDA REPORT
Meeting Date: June 9, 2003**

TO: Traffic Commission

VIA: Peter Cota-Robles, Director of Engineering Services *PCR*

FROM: *RB* Rob Blough, Traffic Engineer

SUBJECT: 2000-2002 Annual Traffic Collision Report

BACKGROUND:

The purpose of the report is to identify those locations having the highest number of traffic collisions, maintain a surveillance program to determine the pattern of traffic collisions at the identified locations and to use the information to help prioritize traffic safety improvement projects.

Attached is the updated annual Traffic Collision Report for the period from January 1, 2000 through December 31, 2002.

DISCUSSION:

The information listed in this report is divided into three categories: signalized intersections, non-signalized intersections and mid-block segments. For signalized intersections and midblocks, the locations are ranked by number of traffic collisions and accident rate. For non-signalized intersections, the locations are ranked by number of traffic collisions. Further data is provided in the attachments on the severity and number of red light violation related collisions at intersections.

As part of the surveillance process, the yearly change in the number and type of traffic collisions is examined to determine the effect of traffic mitigation measures on traffic safety. These mitigation measures may include fine-tuning of signal timing, improvements in striping and signage, roadway improvements, installation of additional traffic control devices, corrective measures to improve sight distance at intersections or more effective enforcement of existing regulations.

TRAFFIC COLLISION SUMMARY

Listed below are summary tables for the years 2000, 2001, and 2002 that show the number of all traffic collisions (Table 1), intersection traffic collisions (Table 2), and midblock traffic collisions (Table 3) on public roads in the City of Encinitas.

A total of 582 reported traffic collisions occurred on public roads in the City of Encinitas in 2002. A comparison of statistics between the years 2000, 2001, and 2002 is shown in Tables 1, 2 and 3.

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Table 1 - TOTAL NUMBER OF ALL TRAFFIC COLLISIONS

STATISTIC	2000	2001	2002	TOTAL
Total Collisions	535	500	582	1617
Fatal Collisions	2	0	2	4
Injury Collisions	142	158	199	499
Property Damage Collisions	391	342	381	1114
Collisions Involving Pedestrians	15	9	14	38
Collisions Involving Bicyclists	21	10	23	54
Alcohol and Drug Related Collisions	70	66	74	210
Red Light Violation Related Collisions	43	52	63	158

Table 2 - NUMBER OF INTERSECTION TRAFFIC COLLISIONS

STATISTIC	2000	2001	2002	TOTAL
Collisions	315	278	289	882
Fatal Collisions	1	0	0	1
Injury Collisions	93	100	109	302
Property Damage Collisions	221	178	180	579
Signalized Intersection Collisions	172	159	178	509
Non-signalized Intersection Collisions	143	119	111	373
Collisions Involving Pedestrians	10	4	9	23
Collisions Involving Bicyclists	12	8	12	32
Alcohol and Drug Related Collisions	26	25	29	80
Red Light Violation Related Collisions	43	52	63	158

Table 3 - NUMBER OF MIDBLOCK TRAFFIC COLLISIONS

STATISTIC	2000	2001	2002	TOTAL
Collisions	220	222	293	735
Fatal Collisions	1	0	2	3
Injury Collisions	49	58	90	197
Property Damage Collisions	170	164	201	535
Collisions Involving Pedestrians	5	5	5	15
Collisions Involving Bicyclists	9	2	11	22
Alcohol and Drug Related Collisions	44	41	45	130

SIGNALIZED INTERSECTION TRAFFIC COLLISION SUMMARY

There are 62 signalized intersections in the City of Encinitas including Caltrans operated signals at the freeway ramps. A complete ranking list is shown in Attachment A and B. Listed below are the top 11 signalized intersections with the most traffic collisions over the three year period (2000-2002).

**Table 4 – TOP 11 SIGNALIZED INTERSECTION TRAFFIC COLLISION LOCATIONS
NUMBER OF COLLISIONS (2000-2002)**

RANK	MAJOR STREET	MINOR STREET	NUMBER OF ACCIDENTS			
			2000	2001	2002	3 YEAR TOTAL
1	Encinitas Blvd	Vulcan Ave	9	14	10	33
2	El Camino Real	Olivenhain Rd	11	6	12	29
3	El Camino Real	Encinitas Blvd	10	5	11	26
4	S Coast Hwy 101	D St	8	7	6	21
5	Leucadia Blvd	I-5 N/B/Piraeus St	5	6	7	18
6	Encinitas Blvd	Westlake St	4	5	8	17
7	El Camino Real	Town Center Dr	7	4	4	15
11	El Camino Real	Mt Vista Dr	5	5	4	14
11	Encinitas Blvd	Calle Magdalena	4	3	7	14
11	Leucadia Blvd	I-5 S/B	6	3	5	14
11	San Elijo Ave	Chesterfield Dr	3	6	5	14

The modification to the intersection of Encinitas Boulevard and Vulcan Avenue is currently under construction in combination with the development of the park at the northeast corner. The modifications will improve the safety of the northbound right turn lane for both vehicles and pedestrians. The intersection of Encinitas Boulevard and Westlake Street will also be under construction in the next few months with the Quail Gardens Drive street improvement project.

Listed below are the top 10 signalized intersections with the highest traffic collision rate based on the amount of traffic entering the intersection over the three year period (2000-2002). The Caltrans average accident rate is 0.43 (acc/mev) for a four-legged signalized intersection and is 0.28 (acc/mev) for a signalized T-intersection. Of the 62 signalized intersections within the City, the rates ranged from 0.00 to 1.08 (acc/mev) with an average rate of 0.26 (acc/mev).

**Table 5 – TOP 10 SIGNALIZED INTERSECTION TRAFFIC COLLISION LOCATIONS
COLLISION RATE (ACC/MEV) (2000-2002)**

RANK	MAJOR STREET	MINOR STREET	ACCIDENT RATE (ACC/MEV)			
			2000	2001	2002	3 YEAR TOTAL
1	Encinitas Blvd	Vulcan Ave	0.88	1.37	0.98	1.08
2	S Coast Hwy 101	D St	1.00	0.87	0.75	0.87
3	San Elijo Ave	Chesterfield Dr	0.46	0.91	0.76	0.71
4	Leucadia Blvd	I-5 S/B	0.78	0.39	0.65	0.61
5	Leucadia Blvd	I-5 N/B/Piraeus St	0.43	0.51	0.60	0.51
6	Leucadia Blvd	Vulcan Ave	0.32	0.48	0.64	0.48
7	Leucadia Blvd	N Coast Hwy 101	0.41	0.55	0.41	0.46
8	Santa Fe Dr	I-5 N/B/Regal Rd	0.64	0.32	0.32	0.43
9	Santa Fe Dr	Lake Dr	0.32	0.32	0.64	0.43
10	Encinitas Blvd	Westlake St	0.29	0.36	0.58	0.41

The intersections of Leucadia Boulevard/Vulcan Avenue and Leucadia Boulevard/N Coast highway 101 are currently being studied for long term solutions as part of the Leucadia Boulevard Streetscape and roundabout project. Recent striping improvements to the intersection of Leucadia Boulevard/Vulcan Avenue and signal timing changes have improved traffic flow and may help to reduce the future accident rate.

Staff is currently evaluating the intersection of San Elijo Avenue and Chesterfield Drive for modifications. A project to interconnect and establish communications with the central traffic control computer is being planned.

NON-SIGNALIZED INTERSECTION TRAFFIC COLLISION SUMMARY

Listed below are the top 15 non-signalized intersections with the highest number of traffic collisions during the three year period (2000-2002).

Table 6 – TOP 15 NON- SIGNALIZED INTERSECTION TRAFFIC COLLISION LOCATIONS (2000-2002)

RANK	CROSS STREET	CROSS STREET	NUMBER OF ACCIDENTS			
			2000	2001	2002	3 YEAR TOTAL
1	Manchester Ave	Via Poco	2	5	6	13
3	Birmingham Dr	I-5 S/B	4	3	2	9
3	Marcheta St	N Coast Hwy 101	2	2	5	9
6	Grandview St	N Coast Hwy 101	2	0	5	7
6	I-5 S/B	Manchester Ave	4	1	2	7
6	La Costa Ave	Vulcan Ave	3	4	0	7
9	3rd St	B St	3	0	3	6
9	Devonshire Dr	Santa Fe Dr	1	3	2	6
9	Hymettus Dr	Leucadia Blvd	3	2	1	6
15	13th St/Olive Crest	Rancho Santa Fe Rd	2	1	2	5
15	Balour Dr	Santa Fe Dr	0	4	1	5
15	El Camino Real	Willowspring Dr	1	2	2	5
15	Evergreen Dr	Santa Fe Dr	3	1	1	5
15	I-5 S/B	Santa Fe Dr	1	4	0	5
15	Manchester Ave	San Elijo Ave	2	3	0	5

Most of the intersections listed above have improvements that are either being planned or designed that should help to reduce the number of traffic collisions.

MIDBLOCK TRAFFIC COLLISION SUMMARY

Listed below are the top 10 midblocks with the highest number of traffic collisions during the three year period (2000-2002):

**Table 7 – TOP 10 MIDBLOCK TRAFFIC COLLISION LOCATIONS
NUMBER OF COLLISIONS (2000-2002)**

RANK	STREET	SEGMENT	LENGTH	ADT	MIDBLOCK ACCIDENTS 2000-2002	ACCIDENT RATE
1	El Camino Real	Garden View to Encinitas	0.51	40000	52	2.33
2	Encinitas Blvd	ECR to Westlake	1.25	32200	37	0.84
3	S. Coast HWY 101	Encinitas to J	1.45	17200	25	0.91
4	N. Coast HWY 101	Leucadia to Encinitas	1.31	16000	22	0.96
5	El Camino Real	Garden View to Olivenhain	0.89	38500	21	0.56
7	Encinitas Blvd	S. Coast HWY101 to Westlake	0.64	35200	20	0.80
7	N. Coast HWY 101	La Costa to Leucadia	1.20	13000	20	1.18
8	Vulcan Ave	La Costa to Leucadia	0.89	4000	18	4.62
10	Manchester Ave	ECR to I-5	1.04	24400	17	0.61
10	S. Coast HWY 101	Chesterfield to Las Olas	0.45	20300	17	1.70

Listed below are the top 10 midblocks with the highest traffic collision rates during the three year period (2000-2002):

**Table 8 – TOP 10 MIDBLOCK TRAFFIC COLLISION LOCATIONS
COLLISION RATE (2000-2002)**

RANK	STREET	SEGMENT	LENGTH	ADT	MIDBLOCK ACCIDENTS 2000-2002	ACCIDENT RATE
1	Vulcan Ave	La Costa to Leucadia	0.89	4000	18	4.62
2	Westlake	Encinitas to Requeza	0.30	6400	8	3.77
3	El Camino Real	Garden View to Encinitas	0.51	40000	52	2.33
4	Via Molena	Via Cantabria to ECR	0.44	5300	5	1.98
5	Mackinnon	Santa Fe to I-5	0.42	4450	4	1.97
6	Santa Fe	Vulcan to Regal	0.70	9000	13	1.88
7	Vulcan Ave	Leucadia to Encinitas	1.32	5000	13	1.79
8	S. Coast HWY 101	Chesterfield to Las Olas	0.45	20300	17	1.70
9	Santa Fe	Regal to Balour	0.57	15000	15	1.61
10	Manchester	I-5 to San Elijo	0.76	6200	8	1.56

STATEWIDE COMPARISON

To help compare the seriousness of the traffic safety problem throughout the state, the California Office of Traffic Safety compiles and publishes rankings of each city, comparing each with all other cities statewide and with cities of similar population. Encinitas is compared with 92 cities of a population range of 50,001 to 100,000. The latest rankings are for 2001.

To explain the numbers, consider the listing for total Fatal and Injury. In 2001 there were 223 fatal and injuries in traffic collisions in the City of Encinitas. Our ranking by vehicle miles traveled statewide was 361 of all California cities and counties. The higher the number, the better we are doing. When compared to cities in our population size for vehicle miles traveled, we ranked 82 out of 92 cities, with a ranking of 1 being worst and 92 being best. In rankings by population, we were 270th statewide and 76 out of 92 for cities our size. The closer we get to 92 the better we are doing.

Table 9 - YEAR 2001 OFFICE OF TRAFFIC SAFETY STATISTICS

	TOTALS	RANKING BY VEHICLE MILES		RANKING BY POPULATION	
		STATEWIDE	POP. GROUP	STATEWIDE	POP. GROUP
FATAL & INJURY COLLISION TYPE					
Total Fatal and Injury	223	361	82/92	270	76/92
Alcohol Involved	37	180	37/92	104	22/92
Speed Related	66	306	73/92	248	65/92
Nighttime (9pm-3am)	31	271	66/92	194	50/92
Hit & Run	14	335	84/92	295	79/92
Drinking Drivers Under 21	8	58	8/92	36	4/92
Drinking Drivers 21-34	13	211	47/92	138	32/92
Composite		295	71/92	207	58/92
KILLED & INJURED VICTIM TYPE					
Pedestrians	10	365	78/92	345	78/92
Pedestrians 65+	2	188	54/92	171	43/92
Pedestrians Under 15	1	330	86/92	332	87/92
Bicyclists	10	346	78/92	325	77/92
Bicyclists Under 15	1	335	90/92	333	89/92
DUI ARRESTS	290	0.81%		163	73/92

CONCLUSION:

Overall the total number of reported traffic collisions, fatal, injury, property damage, bicycle, pedestrian, alcohol and drug related, and red light violation related collisions have increased from the year 2001 to 2002. The information in this report will help prioritize where safety improvements are justified on future street and intersection improvement projects. Staff will also evaluate the locations with the worst rankings to determine if more immediate improvement measures are possible.

RECOMMENDATION:

It is recommended that the Traffic Commission receive and file this report.

ATTACHMENTS:

- Attachment A: Signalized intersection traffic collisions with number and rates
- Attachment B: Signalized intersection traffic collisions with number and severity of injuries
- Attachment C: Non-signalized intersection traffic collisions with number and severity of injuries
- Attachment D: Midblock traffic collisions with number and rates
- Attachment E: Red Light Violation Related Collisions

ATTACHMENT A
 SIGNALIZED INTERSECTIONS SORTED BY (NUMBER OF ACCIDENTS)
 DURING THE THREE YEAR PERIOD
 JANUARY 1, 2000 THROUGH DECEMBER 31, 2002

RANK	MAJOR STREET	MINOR STREET	NUMBER OF ACCIDENTS			ACCIDENT RATE (ACC/MEV)				
			2000	2001	2002	2000	2001	2002	3-YR TOTAL	
1	Encinitas Blvd	Vulcan Ave	9	14	10	33	0.88	1.37	0.98	1.08
2	El Camino Real	Olivenhain Rd	11	6	12	29	0.44	0.24	0.48	0.38
3	El Camino Real	Encinitas Blvd	10	5	11	26	0.42	0.21	0.46	0.37
4	S Coast Hwy 101	D St	8	7	6	21	1.00	0.87	0.75	0.87
5	Leucadia Blvd	I-5 N/B/Piraeus St	5	6	7	18	0.43	0.51	0.60	0.51
6	Encinitas Blvd	Westlake St/Quail Gardens	4	5	8	17	0.29	0.36	0.58	0.41
7	El Camino Real	Towne Center Dr	7	4	4	15	0.38	0.21	0.21	0.27
11	El Camino Real	Mt Vista Dr	5	5	4	14	0.25	0.25	0.20	0.24
11	Encinitas Blvd	Calle Magdalena	4	3	7	14	0.28	0.21	0.49	0.33
11	Leucadia Blvd	I-5 S/B	6	3	5	14	0.78	0.39	0.65	0.61
11	San Elijo Ave	Chesterfield Dr	3	6	5	14	0.46	0.91	0.76	0.71
13	El Camino Real	Via Molena	4	3	6	13	0.24	0.18	0.36	0.26
13	Encinitas Blvd	Via Catebria	5	4	4	13	0.37	0.30	0.30	0.32
17	Encinitas Blvd	Balour Dr	4	3	4	11	0.32	0.24	0.32	0.30
17	Leucadia Blvd	Town Center Pl	1	7	3	11	0.10	0.68	0.29	0.36
17	Leucadia Blvd	Saxony Rd	3	2	6	11	0.27	0.18	0.55	0.33
17	Manchester Ave	Mira Costa College	1	6	4	11	0.10	0.61	0.41	0.37
21	El Camino Real	Old Target Ctr	5	2	3	10	0.40	0.16	0.24	0.27
21	El Camino Real	Garden View Rd	3	3	4	10	0.15	0.15	0.20	0.17
21	Encinitas Blvd	S Coast Hwy 101	4	3	3	10	0.41	0.30	0.30	0.34
21	Leucadia Blvd	N Coast Hwy 101	3	4	3	10	0.41	0.55	0.41	0.46
23	Leucadia Blvd	Vulcan Ave	2	3	4	9	0.32	0.48	0.64	0.48

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ATTACHMENT A
 SIGNALIZED INTERSECTIONS SORTED BY (NUMBER OF ACCIDENTS)
 DURING THE THREE YEAR PERIOD
 JANUARY 1, 2000 THROUGH DECEMBER 31, 2002

RANK	MAJOR STREET	MINOR STREET	NUMBER OF ACCIDENTS			ACCIDENT RATE (ACC/MEV)				
			2000	2001	2002	2000	2001	2002	3-YR TOTAL	
23	S Coast Hwy 101	Chesterfield Dr	4	2	3	9	0.44	0.22	0.33	0.33
28	Leucadia Blvd	Garden View Rd	3	2	3	8	0.28	0.19	0.28	0.25
28	Leucadia Blvd	Urania Av/Clark Av	1	3	4	8	0.09	0.28	0.38	0.25
28	Santa Fe Dr	I-5 N/B/Regal Rd	4	2	2	8	0.64	0.32	0.32	0.43
28	Santa Fe Dr	Bonita Dr/Windsor Rd	4	1	3	8	0.61	0.15	0.46	0.41
28	Santa Fe Dr	Lake Dr	2	2	4	8	0.32	0.32	0.64	0.43
33	Encinitas Blvd	Pacific Shores	3	3	1	7	0.30	0.30	0.10	0.24
33	Encinitas Blvd	Village Square Dr	5	1	1	7	0.46	0.09	0.09	0.21
33	Encinitas Blvd	Sav-on Ctr	4	2	1	7	0.33	0.17	0.08	0.19
33	S Coast Hwy 101	E St	1	3	3	7	0.12	0.36	0.36	0.28
33	S Coast Hwy 101	Cardiff State Beach	3	2	2	7	0.39	0.26	0.26	0.30
40	Birmingham Dr	MacKinnon Ave	1	3	2	6	0.20	0.59	0.39	0.39
40	Encinitas Blvd	I-5 S/B	2	1	3	6	0.14	0.07	0.21	0.14
40	Encinitas Blvd	Manchester Ave/RSF	2	3	1	6	0.18	0.27	0.09	0.18
40	Leucadia Blvd	Quail Gardens Dr	0	4	2	6	0.00	0.42	0.21	0.21
40	Olivenhain Rd	Amargosa Dr	3	2	1	6	0.25	0.17	0.08	0.17
40	Santa Fe Dr	Nardo Rd/Mackinnon Av	0	5	1	6	0.00	0.65	0.13	0.26
40	Via Cantebria	Garden View Rd	4	0	2	6	0.64	0.00	0.32	0.32
42	Leucadia Blvd	Orpheus Av	2	1	2	5	0.30	0.15	0.30	0.25
42	Santa Fe Dr	Scripps Hospital	1	2	2	5	0.13	0.26	0.26	0.22
47	El Camino Real	Manchester Ave	2	1	1	4	0.22	0.11	0.11	0.15
47	Encinitas Blvd	I-5 N/B	2	1	1	4	0.14	0.07	0.07	0.09

ATTACHMENT A
 SIGNALIZED INTERSECTIONS SORTED BY (NUMBER OF ACCIDENTS)
 DURING THE THREE YEAR PERIOD
 JANUARY 1, 2000 THROUGH DECEMBER 31, 2002

RANK	MAJOR STREET	MINOR STREET	NUMBER OF ACCIDENTS			ACCIDENT RATE (ACC/MEV)				
			2000	2001	2002	2000	2001	2002	3-YR TOTAL	
47	Encinitas Blvd	Delphinium St	1	2	1	4	0.08	0.17	0.08	0.11
47	Encinitas Blvd	Saxony Rd	1	1	2	4	0.07	0.07	0.14	0.09
47	Vulcan Ave	D St	0	2	2	4	0.00	0.46	0.46	0.30
48	El Camino Real	Via Montoro	1	1	1	3	0.06	0.06	0.06	0.06
55	El Camino Real	Santa Fe Dr	2	0	0	2	0.18	0.00	0.00	0.06
55	El Camino Real	Circuit City	2	0	0	2	0.11	0.00	0.00	0.04
55	Encinitas Blvd	Village Park Way	2	0	0	2	0.20	0.00	0.00	0.07
55	Encinitas Blvd	Willowspring Dr	0	1	1	2	0.00	0.10	0.10	0.07
55	N Coast Hwy 101	La Costa Ave	0	2	0	2	0.00	0.29	0.00	0.10
55	Rancho Santa Fe Dr	Avn La Posta	2	0	0	2	0.32	0.00	0.00	0.11
55	Leucadia Blvd	Sidonia	1	1	0	2	0.09	0.09	0.00	0.06
59	Birmingham Dr	Carol View Dr	0	0	1	1	0.00	0.00	0.25	0.08
59	Birmingham Dr	San Elijo Ave	0	0	1	1	0.00	0.00	0.17	0.06
59	Manchester Ave	I-5 N/B	1	0	0	1	0.09	0.00	0.00	0.03
59	S Coast Hwy 101	Las Olas	0	0	1	1	0.00	0.00	0.14	0.05
62	S Coast Hwy 101	Ped Crossing	0	0	0	0	0.00	0.00	0.00	0.00
62	Via Cantebria	Via Molena	0	0	0	0	0.00	0.00	0.00	0.00
62	Via Cantebria	Via Montoro	0	0	0	0	0.00	0.00	0.00	0.00
TOTALS			173	160	178	511	0.26	0.25	0.27	0.26

ATTACHMENT B
 SIGNALIZED INTERSECTIONS SORTED BY (NUMBER OF ACCIDENTS)
 DURING THE THREE YEAR PERIOD
 JANUARY 1, 2000 THROUGH DECEMBER 31, 2002

RANK	MAJOR STREET	MINOR STREET	NUMBER OF ACCIDENTS										3-YR TOTAL	SEVERITY											
			2000			2001			2002			2000			2001			2002							
			F	S	V	C	PD	TOT	F	S	V	C		PD	TOT	F	S	V	C	PD	TOT				
1	Encinitas Blvd	Vulcan Ave	0	0	1	1	7	9	14	10	33	0	0	1	1	3	10	14	0	1	1	1	0	8	10
2	El Camino Real	Olivenhain Rd	0	0	1	3	7	11	6	12	29	0	0	1	0	0	1	5	6	0	0	2	3	7	12
3	El Camino Real	Encinitas Blvd	0	1	0	2	7	10	5	11	26	0	1	0	0	1	1	3	5	0	2	1	0	8	11
4	S Coast Hwy 101	D St	0	0	1	1	6	8	7	6	21	0	0	1	0	0	1	6	7	0	0	3	1	2	6
5	Leucadia Blvd	I-5 N/B/Piraeus St	0	0	1	2	2	5	6	7	18	0	0	1	0	0	0	6	6	0	0	1	1	5	7
6	Encinitas Blvd	Westlake St/Quail G	0	0	0	2	2	4	5	8	17	0	0	0	0	1	4	5	0	0	1	1	6	8	
7	El Camino Real	Towne Center Dr	0	0	1	3	3	7	4	4	15	0	0	1	0	1	0	3	4	0	1	1	0	2	4
11	El Camino Real	Mt Vista Dr	0	0	0	1	4	5	5	4	14	0	0	0	2	3	3	5	0	0	1	2	1	4	4
11	Encinitas Blvd	Calle Magdalena	0	0	0	1	3	4	3	7	14	0	0	0	0	0	3	3	0	0	1	1	5	7	
11	Leucadia Blvd	I-5 S/B	0	0	1	1	4	6	3	5	14	0	0	1	0	0	0	3	3	0	0	0	1	4	5
11	San Elijo Ave	Chesterfield Dr	0	0	0	2	1	3	6	5	14	0	0	0	3	3	3	6	0	0	0	1	4	5	
13	El Camino Real	Via Molena	0	0	1	1	2	4	3	6	13	0	0	1	0	1	0	2	3	0	0	0	0	6	6
13	Encinitas Blvd	Via Cantebría	0	0	0	2	3	5	4	4	13	0	0	0	0	0	4	4	0	0	0	2	2	4	4
17	Encinitas Blvd	Balour Dr	0	0	0	1	3	4	3	4	11	0	0	0	0	0	3	3	0	0	0	0	4	4	4
17	Leucadia Blvd	Town Center Pl	0	0	0	0	1	1	7	3	11	0	0	0	1	1	5	7	0	0	0	0	3	3	3
17	Leucadia Blvd	Saxony Rd	0	0	0	0	3	3	2	6	11	0	0	0	0	1	1	2	0	1	0	0	5	6	6
17	Manchester Ave	Mira Costa College	0	0	0	1	0	1	6	4	11	0	0	0	1	0	4	6	0	0	0	3	1	4	4
21	El Camino Real	Old Target Ctr	0	0	0	2	3	5	2	3	10	0	0	0	0	0	2	2	0	0	0	1	2	3	3
21	El Camino Real	Garden View Rd	0	0	0	1	2	3	3	4	10	0	0	0	1	0	2	3	0	0	0	1	3	4	4
21	Encinitas Blvd	S Coast Hwy 101	0	0	0	0	4	4	3	3	10	0	0	0	0	0	3	3	0	0	0	0	3	3	3
21	Leucadia Blvd	N Coast Hwy 101	0	0	0	0	3	3	4	3	10	0	0	0	0	1	2	4	0	0	0	0	3	3	3
23	Leucadia Blvd	Vulcan Ave	0	0	0	1	1	2	2	3	9	0	0	0	0	0	3	3	0	0	0	1	3	4	4

ATTACHMENT B
 SIGNALIZED INTERSECTIONS SORTED BY (NUMBER OF ACCIDENTS)
 DURING THE THREE YEAR PERIOD
 JANUARY 1, 2000 THROUGH DECEMBER 31, 2002

RANK	MAJOR STREET	MINOR STREET	NUMBER OF ACCIDENTS										3-YR TOTAL									
			SEVERITY 2000					SEVERITY 2001						SEVERITY 2002								
			F	S	V	C	PD	TOT	F	S	V	C		PD	TOT	F	S	V	C	PD	TOT	
23	S Coast Hwy 101	Chesterfield Dr	0	0	1	1	2	4	0	0	0	0	2	2	0	0	1	1	1	1	3	9
28	Leucadia Blvd	Garden View Rd	0	0	1	0	2	3	0	0	0	1	1	2	0	0	0	0	3	3	3	8
28	Leucadia Blvd	Urania Av/Clark Av	0	0	0	1	0	1	0	0	0	0	3	3	0	0	0	1	3	4	4	8
28	Santa Fe Dr	I-5 N/B/Regal Rd	0	0	0	2	2	4	0	0	0	0	2	2	0	0	0	1	1	2	2	8
28	Santa Fe Dr	Bonita Dr/Windsor R	0	0	1	2	1	4	0	0	0	0	1	1	0	0	1	1	1	1	3	8
28	Santa Fe Dr	Lake Dr	0	0	0	0	2	2	0	0	0	1	1	2	0	0	1	0	3	4	4	8
33	Encinitas Blvd	Pacific Shores	0	0	0	1	2	3	0	1	0	0	2	3	0	0	0	0	1	1	1	7
33	Encinitas Blvd	Village Square Dr	0	0	1	1	3	5	0	0	0	0	1	1	0	0	0	0	1	1	1	7
33	Encinitas Blvd	Sav-on Ctr	0	0	0	1	3	4	0	0	0	0	2	2	0	0	0	1	0	1	1	7
33	S Coast Hwy 101	E St	0	0	0	0	1	1	0	0	0	0	3	3	0	0	1	1	1	1	3	7
33	S Coast Hwy 101	Cardiff State Beach	0	0	2	0	1	3	0	0	0	2	0	2	0	0	0	2	0	0	2	7
40	Birmingham Dr	MacKinnon Ave	0	0	0	0	1	1	0	0	0	1	2	3	0	0	0	0	2	2	2	6
40	Encinitas Blvd	I-5 S/B	0	0	0	1	1	2	0	0	0	0	1	1	0	0	1	1	1	1	3	6
40	Encinitas Blvd	Manchester Ave/RSF	0	0	0	0	2	2	0	0	0	1	2	3	0	0	0	0	1	1	1	6
40	Leucadia Blvd	Quail Gardens Dr	0	0	0	0	0	0	0	0	1	1	2	4	0	0	0	0	2	2	2	6
40	Olivenhain Rd	Amargosa Dr	0	0	0	1	2	3	0	0	0	1	1	2	0	0	0	0	1	1	1	6
40	Santa Fe Dr	Nardo Rd/Mackinnon	0	0	0	0	0	0	0	0	2	3	5	0	0	0	1	0	1	0	1	6
40	Via Cantebria	Garden View Rd	0	0	0	0	4	4	0	0	0	0	0	0	0	0	0	1	1	2	2	6
42	Leucadia Blvd	Orpheus Av	0	0	0	1	1	2	0	0	0	0	1	1	0	0	0	0	2	2	2	5
42	Santa Fe Dr	Scripps Hospital	0	0	0	1	0	1	0	0	0	1	1	2	0	0	0	1	1	2	2	5
47	El Camino Real	Manchester Ave	0	0	0	1	1	2	0	0	0	1	0	1	0	0	0	0	1	1	1	4
47	Encinitas Blvd	I-5 N/B	0	0	0	0	2	2	0	1	0	0	0	1	0	0	0	0	1	1	1	4

ATTACHMENT B
 SIGNALIZED INTERSECTIONS SORTED BY (NUMBER OF ACCIDENTS)
 DURING THE THREE YEAR PERIOD
 JANUARY 1, 2000 THROUGH DECEMBER 31, 2002

RANK	MAJOR STREET	MINOR STREET	NUMBER OF ACCIDENTS			SEVERITY			SEVERITY			SEVERITY										
			2000	2001	2002	2000			2001			2002										
			F	S	V	C	PD	TOT	F	S	V	C	PD	TOT	F	S	V	C	PD	TOT		
			2000	2001	2002	3-YR TOTAL																
47	Encinitas Blvd	Delphinium St	1	2	1	4	0	0	0	1	1	0	0	0	2	0	0	0	0	1	1	
47	Encinitas Blvd	Saxony Rd	1	1	2	4	0	0	0	1	1	0	0	0	1	0	0	0	1	1	2	
47	Vulcan Ave	D St	0	2	2	4	0	0	0	0	0	0	0	1	2	0	0	0	0	2	2	
48	El Camino Real	Via Montoro	1	1	1	3	0	0	0	1	1	0	0	1	0	0	0	1	0	1	0	
55	El Camino Real	Santa Fe Dr	2	0	0	2	0	1	0	1	2	0	0	0	0	0	0	0	0	0	0	
55	El Camino Real	Circuit City	2	0	0	2	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	
55	Encinitas Blvd	Village Park Way	2	0	0	2	0	1	0	2	2	0	0	0	0	0	0	0	0	0	0	
55	Encinitas Blvd	Willowspring Dr	0	1	1	2	0	0	0	0	0	0	1	0	0	0	0	0	0	1	1	
55	N Coast Hwy 101	La Costa Ave	0	2	0	2	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	
55	Rancho Santa Fe	DAvn La Posta	2	0	0	2	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	
55	Leucadia Blvd	Sidonia	1	1	0	2	0	0	0	1	1	0	0	1	0	0	0	0	0	0	0	
59	Birmingham Dr	Carol View Dr	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
59	Birmingham Dr	San Elijo Ave	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
59	Manchester Ave	I-5 N/B	1	0	0	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	
59	S Coast Hwy 101	Las Olas	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	
62	S Coast Hwy 101	Ped Crossing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
62	Via Cantebria	Via Molena	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
62	Via Cantebria	Via Montoro	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	TOTALS		173	160	178	511	0	17	44	111	173	0	4	8	36	112	160	0	5	18	33	122

LEGEND: F=Fatal; S = Severe; V= Visual Injury; C= Complaint of Pain;
 PD= Property Damage Only; TOT= Total Number of Accidents

ATTACHMENT C
NON-SIGNALIZED INTERSECTIONS SORTED BY (NUMBER OF ACCIDENTS)
JANUARY 1, 2000 TO DECEMBER 31, 2002

RANK	CROSS STREET	CROSS STREET	2000			2001			2002			3 YEAR TOTAL	SEVERITY														
			SEVERITY			SEVERITY			SEVERITY				2000					2001					2002				
			F	S	V	F	S	V	F	S	V		F	S	V	C	P	D	F	S	V	C	P	D	F	S	V
1	Manchester Ave	Via Poco	2	5	6	13	0	0	1	1	2	2	0	0	1	3	1	5	0	0	2	2	2	6			
3	Birmingham Dr	I-5 S/B	4	3	2	9	0	0	2	2	4	4	0	0	0	2	1	3	0	0	0	1	1	2			
3	Marcheta St	N Coast Hwy 101	2	2	5	9	0	0	2	0	2	2	0	0	1	1	2	0	0	0	1	4	5				
6	Grandview St	N Coast Hwy 101	2	0	5	7	0	0	0	2	2	2	0	0	0	0	0	0	0	2	1	2	5				
6	I-5 S/B	Manchester Ave	4	1	2	7	0	0	0	4	4	4	0	0	0	1	1	0	0	0	1	1	2				
6	La Costa Ave	Vulcan Ave	3	4	0	7	0	0	1	2	3	3	0	0	1	2	1	4	0	0	0	0	0				
9	3rd St	B St	3	0	3	6	0	0	1	2	0	3	0	0	0	0	0	0	0	0	1	2	3				
9	Devonshire Dr	Santa Fe Dr	1	3	2	6	0	0	1	0	1	1	0	0	1	2	3	0	0	1	0	1	2				
9	Hymettus Dr	Leucadia Blvd	3	2	1	6	0	0	0	3	3	3	0	0	1	1	2	0	0	0	0	1	1				
15	13th St/Olive Crest	Rancho Santa Fe Rd	2	1	2	5	0	0	0	2	2	2	0	0	1	0	1	0	0	1	0	1	2				
15	Balour Dr	Santa Fe Dr	0	4	1	5	0	0	0	0	0	0	0	0	1	1	2	0	0	0	1	0	1				
15	El Camino Real	Willowspring	1	2	2	5	0	0	0	1	1	1	0	0	1	1	2	0	0	0	1	1	2				
15	Evergreen Dr	Santa Fe Dr	3	1	1	5	0	0	0	1	2	3	0	0	0	1	1	0	0	0	1	0	1				
15	I-5 S/B	Santa Fe Dr	1	4	0	5	0	0	0	1	1	1	0	0	0	2	4	0	0	0	0	0	0				
15	Manchester Ave	San Elijo Ave	2	3	0	5	0	0	0	2	2	2	0	0	1	2	0	3	0	0	0	0	0				
25	Arcadia Rd	Santa Fe Dr	1	1	2	4	0	0	0	1	1	1	0	0	0	1	1	0	0	0	0	0	0				
25	Avenida De Las Adelsas	El Camino Real	2	2	0	4	0	0	0	2	2	2	0	0	0	2	2	0	0	0	0	0	0				
25	Cadmus St	N Coast Hwy 101	3	0	1	4	0	0	0	1	2	3	0	0	0	0	0	0	0	0	0	1	1				
25	Cerro St	El Camino Real	3	0	1	4	0	0	2	0	1	3	0	0	0	0	0	0	0	0	0	1	1				
25	Crest Dr	El Camino Real	2	1	1	4	0	0	0	2	2	2	0	0	0	1	1	0	0	0	0	1	1				
25	El Camino Ct	El Camino Real	3	0	1	4	0	0	0	3	3	3	0	0	0	0	0	0	0	0	0	1	1				
25	El Portal St	N Coast Hwy 101	2	1	1	4	0	0	2	0	2	2	0	1	0	0	1	0	0	0	0	1	1				
25	F St	S Coast Hwy 10'	2	0	2	4	0	0	0	2	2	2	0	0	0	0	0	0	0	1	0	2	2				
25	J St	S Coast Hwy 10'	2	2	0	4	0	0	1	1	2	2	0	0	0	2	2	0	0	0	0	0	0				
25	Jupiter St	N Coast Hwy 101	2	1	1	4	0	0	1	1	2	2	0	0	0	1	1	0	0	0	0	1	1				
35	8th St/Whisper Wind	Rancho Santa Fe Rd	1	2	0	3	0	0	0	1	1	1	0	0	1	0	1	2	0	0	0	0	0				
35	Athens St	N Coast Hwy 101	0	2	1	3	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	1	1				
35	Avocado St	N Coast Hwy 101	1	2	0	3	0	0	1	0	1	1	0	0	0	2	2	0	0	0	0	0	0				
35	Birmingham Dr	Glasgow Ave	1	1	1	3	0	1	0	0	1	1	0	0	0	1	1	0	0	0	0	1	1				
35	Diana St	N Coast Hwy 101	0	2	1	3	0	0	0	0	0	0	0	0	1	0	1	2	0	0	0	1	1				

ATTACHMENT C
NON-SIGNALIZED INTERSECTIONS SORTED BY (NUMBER OF ACCIDENTS)
JANUARY 1, 2000 TO DECEMBER 31, 2002

RANK	CROSS STREET	CROSS STREET	3 YEAR TOTAL			SEVERITY														
			2000	2001	2002	2000			2001			2002								
			F	S	V	C	PD	TOT	F	S	V	C	PD	TOT	F	S	V	C	PD	TOT
72	Lone Jack Rd/11th	Rancho Santa Fe Rd	1	1	0	2	0	0	0	1	0	0	0	1	1	0	0	0	0	0
72	Mangano Circle	Saxony Rd	1	0	1	2	0	0	0	1	0	0	0	0	0	0	0	0	0	1
72	Melba Rd	Evergreen	1	1	0	2	0	0	0	1	0	0	0	1	1	0	0	0	0	1
72	Munevar	Windsor Dr	2	0	0	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0
72	Rancho Santa Fe Rd	9th St	2	0	0	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0
72	S Coast Hwy 101	Seaside State Beach	0	1	1	2	0	0	0	0	0	0	0	1	1	0	0	0	0	0
72	San Elijo Ave	Kilkenny	1	1	0	2	0	0	0	1	0	0	0	1	1	0	0	0	0	0
72	San Elijo Ave	Cornish	2	0	1	3	0	0	0	2	0	0	0	0	0	0	0	0	0	0
72	San Elijo Ave/Vulcan Ave	Santa Fe Dr	0	1	1	2	0	0	0	0	0	0	0	1	1	0	0	0	0	1
72	Santa Fe Dr	Summit Ave	2	0	0	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0
72	Saxony Ln	Quail Hollow	1	0	1	2	0	0	0	1	0	0	0	0	0	0	0	0	0	1
72	Sunset Dr	Vulcan Ave	2	0	0	2	0	0	0	1	0	0	0	0	0	0	0	0	0	0
176	2nd St	C St	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
176	2nd St	E St	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
176	2nd St	H St	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
176	3rd St	A St	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
176	3rd St	I St	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
176	7th St/Ranch View Terr	Rancho Santa Fe Rd	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
176	Balour	San Andrade	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
176	Balour Dr	Oakcrest Park Dr	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
176	Basil	N Coast Hwy 101	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
176	Beechtree Dr	Encinitas Blvd	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
176	Birmingham	Somerset	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
176	Birmingham	Oxford	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
176	Birmingham Dr	I-5 N/B	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
176	Birmingham Dr	Montgomery Ave	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
176	Bracero Rd	Melba Rd	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
176	Burkshire	Glasgow	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
176	Burkshire Ave	Mackinnon Ave	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
176	Burkshire Ave	Somerset	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0

ATTACHMENT C
NON-SIGNALIZED INTERSECTIONS SORTED BY (NUMBER OF ACCIDENTS)
JANUARY 1, 2000 TO DECEMBER 31, 2002

RANK	CROSS STREET	CROSS STREET	3 YEAR TOTAL			SEVERITY 2000						SEVERITY 2001						SEVERITY 2002						
			TOTAL			F	S	V	C	PD	TOT	F	S	V	C	PD	TOT	F	S	V	C	PD	TOT	
			2000	2001	2002	F	S	V	C	PD	TOT	F	S	V	C	PD	TOT	F	S	V	C	PD	TOT	
176	Norfolk	San Elijo Ave	0	1	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0		
176	Pacifica Pl	Via Cantabria	0	1	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0		
176	Paseo de las Flores	Quail Gardens	0	1	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0		
176	Rancho Santa Fe Rd	Woodwind	0	1	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0		
176	Regal	Requeza	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
176	Rosebay	Tea Berry	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
176	S Coast Hwy 101	Swami's	1	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0		
176	San Elijo	Montgomery Dr	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
176	Sanford	Hygeia Ave	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
176	Saxony Ln	Saxony Rd	0	1	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0		
176	Saxony Ln	Seacrest	0	1	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0		
176	Sommerset	Brighton	0	0	1	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0		
176	Sylvia	5th St	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
176	Town Center Dr	Town Center Pl	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
176	Turner	Traske	0	1	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0		
176	Urania	Brittany	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
176	Via Cantabria	Via Tierra	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
176	Via Molena	Via Palacio	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
176	Via Molena	Via Terrassa	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
176	Villa Cardiff Dr	Windsor Dr	0	1	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0		
176	Vulcan	Briggs	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
176	Vulcan	Halycon	0	1	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0		
176	Vulcan	Andrew	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
176	Westlake	Requeza	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
176	Willowspring Pl	Willowspring Dr	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Total			136	114	98	348	1	2	8	24	102	135	0	2	7	26	79	113	0	3	13	18	61	95

LEGEND: F=Fatal; S = Severe; V= Visual Injury; C= Complaint of Pain;
PD= Property Damage Only; TOT= Total Number of Accidents

ATTACHMENT D
MIDBLOCK ACCIDENTS SORTED BY HIGHEST
NUMBER OF ACCIDENTS DURING
THE THREE YEAR PERIOD
JANUARY 1, 2000 THROUGH DECEMBER 31, 2002

Rank	Street	Segment	Length	ADT	Midblock	
					Accidents 2000-2002	Accident Rate
1	El Camino Real	Garden View to Encinitas	0.51	40000	52	2.33
2	Encinitas	ECR to Westlake	1.25	32200	37	0.84
3	S. Coast HWY 101	Encinitas to J	1.45	17200	25	0.91
4	N. Coast HWY 101	Leucadia to Encinitas	1.31	16000	22	0.96
5	El Camino Real	Garden View to Olivenhain	0.89	38500	21	0.56
7	Encinitas	S. Coast HWY101 to Westlake	0.64	35200	20	0.80
7	N. Coast HWY 101	La Costa to Leucadia	1.20	13000	20	1.18
8	Vulcan Ave	La Costa to Leucadia	0.89	4000	18	4.62
10	Manchester	ECR to I-5	1.04	24400	17	0.61
10	S. Coast HWY 101	Chesterfield to Las Olas	0.45	20300	17	1.70
11	San Elijo	Santa Fe to Mozart	0.94	11150	16	1.39
12	Santa Fe	Regal to Balour	0.57	15000	15	1.61
16	Encinitas	El Camino Real to Village Park Way	0.88	28000	13	0.48
16	Manchester	Encinitas to ECR	1.57	7000	13	1.08
16	Santa Fe	Vulcan to Regal	0.70	9000	13	1.88
16	Vulcan Ave	Leucadia to Encinitas	1.32	5000	13	1.79
19	Leucadia	N. coast HWY to I-5	0.85	19000	12	0.68
19	S. Coast HWY 101	Chesterfield to J	0.82	15000	12	0.89
19	Saxony	Leucadia to Encinitas	0.84	9900	12	1.32
22	Leucadia	Quail Garden to El Camino Real	0.99	24400	11	0.42
22	Olivenhain	ECR to East City Limits	0.78	32000	11	0.40
22	RSF	Lone Jack to Encinitas	1.12	15000	11	0.60
24	Birmingham	San Elijo to I-5	0.72	11800	10	1.07
24	Via Cantebría	Garden View to Encinitas	1.04	12300	10	0.72
26	El Camino Real	Santa Fe to Manchester	0.63	18200	9	0.72
26	S. Coast HWY 101	Las Olas to City Limits	0.74	20330	9	0.55
30	Leucadia	I-5 to Quail Garden	0.76	24400	8	0.39
30	Manchester	I-5 to San Elijo	0.76	6200	8	1.56
30	Mountain Vista	ECR to Willowspring	1.18	11400	8	0.54
30	Westlake	Encinitas to Requeza	0.30	6400	8	3.77
32	El Camino Real	Encinitas to Santa Fe	1.16	24500	7	0.23
32	Encinitas	Village Park Way to RSF	0.83	21400	7	0.36
33	La Costa	N. coast HWY to City Limits	0.59	12100	6	0.77

ATTACHMENT D
MIDBLOCK ACCIDENTS SORTED BY HIGHEST
NUMBER OF ACCIDENTS DURING
THE THREE YEAR PERIOD
JANUARY 1, 2000 THROUGH DECEMBER 31, 2002

Rank	Street	Segment	Length	ADT	Midblock Accidents 2000-2002	Accident Rate
35	Santa Fe	ECR to Balour	0.63	14000	5	0.52
35	Via Molena	Via Cantebría to ECR	0.44	5300	5	1.98
37	Balour	Encinitas to Melba	0.40	8800	4	1.04
37	Mackinnon	Santa Fe to I-5	0.42	4450	4	1.97
38	RSF	North City Limits to Lone Jack Rd	0.74	14800	3	0.25
45	Birmingham	I-5 to Crest	0.57	6100	2	0.53
45	Garden View	El Camino Real to Via Cantebría	0.23	9200	2	0.86
45	Garden View	Via Cantebría to Leucadia	0.61	8400	2	0.36
45	Lake	Birmingham to Santa Fe	0.74	5800	2	0.43
45	Quail Gardens	Encinitas to North End	0.66	2100	2	1.33
45	Villa Cardiff	Mackinnon to Birmingham	0.40	4200	2	1.09
45	Village Park Way	Encinitas to Willowspring	0.91	5700	2	0.35
54	Balour	Melba to Santa Fe	0.25	4800	1	0.77
54	El Camino Del Norte	RSF to City Limits	0.36	6500	1	0.39
54	Garden View	El Camino Real to Glen Arbor	0.40	9200	1	0.25
54	Lone Jack Road	RSF to City Limits	2.16	6400	1	0.07
54	Piraeus	La Costa to Leucadia	1.38	1500	1	0.44
54	Saxony	La Costa to Quail Hollow	1.15	2000	1	0.40
54	Saxony	Quail Hollow to Leucadia	0.72	2100	1	0.60
54	Via Montoro	Via Cantebría to ECR	0.36	4500	1	0.56
54	Vulcan Ave	Encinitas to Santa Fe	1.19	11100	1	0.07
55	Lake	Birmingham to Wales	0.51	2200	0	0.00

TOTAL	44.93	739430	535
AVERAGES	0.82	13444	10
			0.95

ATTACHMENT E
 SIGNALIZED INTERSECTIONS SORTED BY (NUMBER OF ACCIDENTS)
 DURING THE THREE YEAR PERIOD
 JANUARY 1, 2000 THROUGH DECEMBER 31, 2002

RANK	MAJOR STREET	MINOR STREET	NUMBER OF ACCIDENTS			3-YR TOTAL	Red Light Violations			
			2000	2001	2002		2000	2001	2002	TOT
1	Encinitas Blvd	Vulcan Ave	9	14	10	33	0	6	2	8
2	El Camino Real	Olivenhain Rd	11	6	12	29	3	0	3	6
3	El Camino Real	Encinitas Blvd	10	5	11	26	2	2	2	6
4	S Coast Hwy 101	D St	8	7	6	21	1	1	3	5
5	Leucadia Blvd	I-5 N/B/Piraeus St	5	6	7	18	2	3	1	6
6	Encinitas Blvd	Westlake St/Quail G	4	5	8	17	0	1	7	8
7	El Camino Real	Towne Center Dr	7	4	4	15	2	0	2	4
11	El Camino Real	Mt Vista Dr	5	5	4	14	3	1	1	5
11	Encinitas Blvd	Calle Magdalena	4	3	7	14	2	1	4	7
11	Leucadia Blvd	I-5 S/B	6	3	5	14	1	1	4	6
11	San Elijo Ave	Chesterfield Dr	3	6	5	14	0	0	0	0
13	El Camino Real	Via Molena	4	3	6	13	0	0	1	1
13	Encinitas Blvd	Via Cantebria	5	4	4	13	2	3	1	6
17	Encinitas Blvd	Balour Dr	4	3	4	11	1	1	2	4
17	Leucadia Blvd	Town Center Pl	1	7	3	11	1	5	1	7
17	Leucadia Blvd	Saxony Rd	3	2	6	11	1	0	3	4
17	Manchester Ave	Mira Costa College	1	6	4	11	0	4	3	7
21	El Camino Real	Old Target Ctr	5	2	3	10	3	2	2	7
21	El Camino Real	Garden View Rd	3	3	4	10	1	2	3	6
21	Encinitas Blvd	S Coast Hwy 101	4	3	3	10	1	1	0	2
21	Leucadia Blvd	N Coast Hwy 101	3	4	3	10	0	0	1	1
23	Leucadia Blvd	Vulcan Ave	2	3	4	9	1	1	1	3

ATTACHMENT E
 SIGNALIZED INTERSECTIONS SORTED BY (NUMBER OF ACCIDENTS)
 DURING THE THREE YEAR PERIOD
 JANUARY 1, 2000 THROUGH DECEMBER 31, 2002

RANK	MAJOR STREET	MINOR STREET	NUMBER OF ACCIDENTS			Red Light Violations			
			2000	2001	2002	2000	2001	2002	TOT
23	S Coast Hwy 101	Chesterfield Dr	4	2	3	1	0	0	1
28	Leucadia Blvd	Garden View Rd	3	2	3	1	0	2	3
28	Leucadia Blvd	Urania Av/Clark Av	1	3	4	0	1	3	4
28	Santa Fe Dr	I-5 N/B/Regal Rd	4	2	2	2	0	2	4
28	Santa Fe Dr	Bonita Dr/Windsor R	4	1	3	1	0	1	2
28	Santa Fe Dr	Lake Dr	2	2	4	0	0	0	0
33	Encinitas Blvd	Pacific Shores	3	3	1	0	3	0	3
33	Encinitas Blvd	Village Square Dr	5	1	1	3	1	0	4
33	Encinitas Blvd	Sav-on Ctr	4	2	1	1	2	0	3
33	S Coast Hwy 101	E St	1	3	3	0	0	1	1
33	S Coast Hwy 101	Cardiff State Beach	3	2	2	0	0	0	0
40	Birmingham Dr	Mackinnon Ave	1	3	2	0	1	0	1
40	Encinitas Blvd	I-5 S/B	2	1	3	0	0	2	2
40	Encinitas Blvd	Manchester Ave/RSF	2	3	1	0	0	0	0
40	Leucadia Blvd	Quail Gardens Dr	0	4	2	0	2	2	4
40	Olivenhain Rd	Amargosa Dr	3	2	1	1	0	0	1
40	Santa Fe Dr	Nardo Rd/Mackinnon	0	5	1	0	2	1	3
40	Via Cantebria	Garden View Rd	4	0	2	1	0	1	2
42	Leucadia Blvd	Orpheus Av	2	1	2	1	0	0	1
42	Santa Fe Dr	Scripps Hospital	1	2	2	0	0	0	0
47	El Camino Real	Manchester Ave	2	1	1	0	1	0	1
47	Encinitas Blvd	I-5 N/B	2	1	1	0	1	0	1

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ATTACHMENT E
 SIGNALIZED INTERSECTIONS SORTED BY (NUMBER OF ACCIDENTS)
 DURING THE THREE YEAR PERIOD
 JANUARY 1, 2000 THROUGH DECEMBER 31, 2002

RANK	MAJOR STREET	MINOR STREET	NUMBER OF ACCIDENTS				Red Light Violations			
			2000	2001	2002	TOTAL	2000	2001	2002	TOT
47	Encinitas Blvd	Delphinium St	1	2	1	4	0	1	0	1
47	Encinitas Blvd	Saxony Rd	1	1	2	4	0	1	0	1
47	Vulcan Ave	D St	0	2	2	4	0	1	0	1
48	El Camino Real	Via Montoro	1	1	1	3	0	0	0	0
55	El Camino Real	Santa Fe Dr	2	0	0	2	1	0	0	1
55	El Camino Real	Circuit City	2	0	0	2	1	0	0	1
55	Encinitas Blvd	Village Park Way	2	0	0	2	1	0	0	1
55	Encinitas Blvd	Willowspring Dr	0	1	1	2	0	0	1	1
55	N Coast Hwy 101	La Costa Ave	0	2	0	2	0	0	0	0
55	Rancho Santa Fe	DAvn La Posta	2	0	0	2	0	0	0	0
55	Leucadia Blvd	Sidonia	1	1	0	2	1	0	0	0
59	Birmingham Dr	Carol View Dr	0	0	1	1	0	0	0	0
59	Birmingham Dr	San Elijo Ave	0	0	1	1	0	0	0	0
59	Manchester Ave	I-5 N/B	1	0	0	1	0	0	0	0
59	S Coast Hwy 101	Las Olas	0	0	1	1	0	0	0	0
62	S Coast Hwy 101	Ped Crossing	0	0	0	0	0	0	0	0
62	Via Cantebria	Via Molena	0	0	0	0	0	0	0	0
62	Via Cantebria	Via Montoro	0	0	0	0	0	0	0	0
TOTALS			173	160	178	511	43	52	63	157