



**CITY OF ENCINITAS
TRAFFIC COMMISSION
AGENDA REPORT
Meeting Date: July 14, 2003**

TO: Traffic Commission
VIA: *PCR* Peter Cota-Robles, Director of Engineering Services
FROM: *RB* Rob Blough, Traffic Engineer
SUBJECT: 2000-2002 Annual Traffic Collision Report

BACKGROUND:

At the June 9, 2003 Traffic Commission meeting, staff presented the 2000-2002 Annual Traffic Collision Report. The Traffic Commission directed staff to bring back information on what types of accidents are occurring at the highest intersection locations.

ANALYSIS:

The Top Signalized and Non-Signalized intersection accidents were plotted to determine what types of accidents are happening at each location. Collision diagrams for each intersection give information about the individual accidents, such as type of collision, path of vehicle before collision, approximate location within the intersection, injury or non-injury collision, vehicle at fault, and whether a pedestrian or bicyclist was involved. A table accompanies the collision diagrams that provide other information such as date, time, violation/primary collision factor, and other circumstances that may have been involved such as wet roadways or hit and run. Exhibit 1 is a legend showing all symbols used in the collision diagrams.

SIGNALIZED INTERSECTION COLLISIONS:

Table 1 lists the top 11 signalized collision locations by number of accidents within the City for the years 2000 through 2002. Table 2 shows the top 10 signalized collision locations by accident rate. Based on these two tables, 15 different signalized intersections have been plotted.

TABLE 1: TOP 11 SIGNALIZED BY NUMBER OF ACCIDENTS

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

TABLE 2: TOP 10 SIGNALIZED BY ACCIDENT RATE

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

Encinitas Blvd. And Vulcan Ave.

Over the course of three years, there were 33 accidents at the intersection of Encinitas Blvd and Vulcan Ave. See Exhibits 2-5. This intersection ranks 1st by number of accidents and accident rate. Eight of these accidents were rear end type accidents that occurred at the trapped right turn from northbound Vulcan to eastbound Encinitas Blvd. Eight of the 33 accidents (approximately 24%) had a primary collision factor of red light violation. Nine collisions (27%) occurred due to a driver failing to yield to oncoming traffic when making a left turn from Vulcan to Encinitas. There were three collisions that were bicyclist versus vehicles. Two of the collisions were alcohol related.

El Camino Real and Leucadia Blvd./Olivenhain Rd.

From 2000 to 2002, 29 collisions occurred at the intersection of El Camino Real and Leucadia Blvd./Olivenhain Rd. See Exhibit 6-9. This intersection ranks 2nd by number of accidents. Of these accidents, 17 were rear end type collisions that occurred behind the

limit line of the approaching leg of the intersection. Of the twenty-nine collisions, six had a primary collision factor of red light violation. Only one collision was alcohol related.

El Camino Real and Encinitas Blvd.

The intersection of El Camino Real and Encinitas Blvd. ranks 3rd by number of accidents with 26 occurring in a three year period. See Exhibits 10-13. Of these accidents, one involved a pedestrian versus vehicle and one involved a bicycle versus vehicle. Five of the accidents involved a red light violation. Alcohol was a primary collision factor in two of the accidents.

S. Coast Hwy 101 and D St.

S Coast Hwy 101 and D St. ranks 4th by number of accidents and 2nd by accident rate with 21 accidents in the three year period. See Exhibit 14-17. Two accidents were the type pedestrian versus vehicle and two were the type bicycle versus vehicle, all which occurred in 2002. Three accidents occurred due to a red light violation. Of the accidents, 9 had a primary collision factor of failing to yield to the oncoming traffic when making a left turn.

Encinitas Blvd and Westlake/Quail Gardens

Encinitas and Westlake/Quail Gardens ranks 6th by number of accidents and 10th by accident rate. Seventeen collisions occurred at this intersection. See Exhibits 18-20. (One record was missing; therefore, this data is out of 16 accidents.) Of these, 5 are due to drivers not yielding to oncoming traffic when making a left turn. Nine collisions were rear end type that occurred behind the limit line on the approaching leg.

El Camino Real and Town Center Drive

El Camino Real and Town Center Dr had a total of 15 intersection accidents during 2000 to 2002. This intersection ranks 7th by number of accidents. See Exhibits 21-22 for diagrams. One collision involved a pedestrian. Another accident involved a bicyclist. Of the collisions, 4 were related to red light violations.

El Camino Real and Mountain Vista

El Camino Real and Mountain Vista had 14 accidents, therefore, it ranks 11th. See Exhibits 23-24 for diagrams. Eight accidents were rear end type accidents. One accident involved a bicyclist. Red light violation related accidents account for 5 of the 14 accidents.

Encinitas and Calle Magdalena

This intersection is tied for 11th by number of accidents with 14 accidents in a three-year period. See Exhibits 25-26 for diagrams. Seven accidents occurred because of red light violations. No alcohol related accidents occurred at this intersection.

San Elijo and Chesterfield

San Elijo and Chesterfield had 14 accidents, making it tied for 11th by number of collisions and 3rd by accident rate. See Exhibits 27-28 for diagrams. Of these, 11 collisions (79%) were due to drivers not yielding to oncoming traffic as they make a left

turn from San Elijo onto Chesterfield. Alcohol related collisions represent four of the fourteen accidents.

Santa Fe and Lake

Santa Fe and Lake have 8 accidents for the three years. It ranks 9th by accident rate. See Exhibit 29. One accident was alcohol related. Three collisions were due to drivers failing to yield to oncoming traffic when making a left turn.

Leucadia Blvd. And N/B I-5 Ramps/Piraeus

This intersection ranks 5th by number of accidents and by accident rate. There were 18 accidents in the years 2000-2002. See Exhibits 30-33. Seven accidents had the primary collision factor of red light violation. Alcohol related accidents represent 3 of the 18 at this intersection. Two accidents were bicycle versus vehicle.

Leucadia and I-5 S/B Ramps

This intersection had 14 accident over the three years, tying it for 11th by number of accidents and 4th by accident rate. See Exhibits 30-33 for diagrams. Of the 14 accidents, 4 had a primary collision factor of red light violation. Four of the accidents were alcohol-related collisions.

Leucadia and Vulcan

Nine accidents occurred at the intersection of Leucadia Blvd. and Vulcan Ave. over the three year period of 2000 through 2002; therefore, ranking 6th by accident rate. See Exhibit 34 for diagram. Of the accidents at this intersection, 33% are related to red light violations.

Santa Fe and I-5 N/B/Regal

A total of eight accidents occurred at this intersection during the three year period of 2000 to 2002; therefore ranking 8th by accident rate. See Exhibit 35 for diagram. Of these accidents, 50% occurred due to a red light violation.

N Coast Hwy 101 and Leucadia Blvd

The intersection of N Coast Hwy 101 and Leucadia Blvd ranks 7th by accident rate with 11 accidents. See Exhibit 36 for diagram. One accident was red light violation related and two accidents were alcohol related.

NON-SIGNALIZED INTERSECTION COLLISIONS:

Table 3 list the top 10 Non-Signalized intersection ranked by number of accidents from 2000 through 2002.

TABLE 3: TOP 10 NON-SIGNALIZED BY NUMBER OF ACCIDENTS

RANK	CROSS STREET	CROSS STREET	NUMBER OF ACCIDENTS			
			2000	2001	2002	3 YEAR TOTAL
1	Manchester Ave	Via Poco	2	5	6	13
2	Marcheta St	N Coast Hwy 101	2	2	5	9
3	Birmingham Dr	I-5 S/B On Ramp	4	3	1	8
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
10	3rd St	B St	3	0	3	6
10	Devonshire Dr	Santa Fe Dr	1	3	2	6
10	Hymettus Dr	Leucadia Blvd	3	2	1	6
10	Balour Dr	Santa Fe Dr	1	4	1	6

Manchester and Via Poco

Thirteen collisions occurred at this intersection. It is ranked 1st among the non-signalized intersections. See Exhibit 37 for diagram. One accident file was missing; therefore, 12 of the 13 accidents have been plotted. A majority of these accidents had a primary collision factor of failing to yield to traffic. This type of accident constitutes 8 of the 12 accidents that occurred at this location. Of the 12 accidents, 7 had injuries.

N Coast Hwy 101 and Marcheta

This intersection ranks 2nd with 9 collisions. See Exhibit 38 for diagram. Three (3) of the 9 collisions had a primary collision factor of failing to yield to traffic. Three (3) rear end type accidents occurred, with one being alcohol related.

Birmingham and I-5 S/B

This intersection ranks 3rd for non-signalized intersection with 8 accidents in 3 years. See Exhibit 39 for diagram. Five (5) of the 8 accidents were of the rear end type. The remaining three are broadsides.

N Coast Hwy 101 and Grandview

The intersection of N Coast Hwy 101 and Grandview is tied for 6th with 7 accidents. See Exhibit 40 for diagram. Of the 7 collisions, 6 had a primary collisions factor of the driver failing to yield.

I-5 S/B On Ramp and Manchester

This intersection is also tied for 6th with 7 collisions. See Exhibit 41 for diagram. Two of the collisions were alcohol related.

La Costa and Vulcan

La Costa and Vulcan is also tied for 6th with 7 accidents for the 3-year period. See Exhibit 42 for diagram. Four of the 7 accidents were of the rear end type. One accident was alcohol related.

3rd Street and B Street

Six accidents occurred at this location, tying it for 10th. See Exhibit 43 for diagram. Five collisions had the primary collision factor of failing to yield. Two of the six accidents were bicyclist versus vehicle.

Devonshire and Santa Fe

This intersection also ranks 10th with six collisions. See Exhibit 44 for diagram. Of the six collisions, five were due to a driver failing to yield.

Hymettus and Leucadia

Hymettus and Leucadia had six collisions for the three-year period, placing it at 10th. See Exhibit 45 for diagram. Two of the accidents involved a driver making unsafe U-turns.

Santa Fe and Balour

Santa Fe and Balour also had 6 accidents. See Exhibit 46 for diagram. Of these, half were due to a driver failing to yield. Three accidents were injury, and 3 were hit and run.




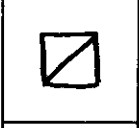

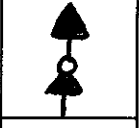
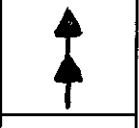


CONCLUSION:

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 accept and file this report and provide staff with any further direction.

LEGEND

	=	MOTORCYCLE
	=	BICYCLE
	=	PEDESTRIAN
	=	FIXED OBJECT
	=	PARTY AT FAULT
	=	INJURY ACCIDENT
	=	NON-INJURY ACCIDENT
	=	BACKING VEHICLE
	=	OUT OF CONTROL

INTERSECTION OF ENCINITAS BLVD. AND VULCAN AVE. (2002)

NO.	DATE	TIME	TYPE	VIOLATION	PRIMARY COLLISION FACTOR	OTHER
1	1/5/02	18:00	Broadside	21801(a)	Failure to Yield Right of Way	
2	7/22/02	14:10	Rear End	22350	Unsafe Speed	
3	2/20/02	16:02	Rear End	22350	Unsafe Speed	4 Vehicle Pile Up
4	4/23/02	14:55	Broadside	21801(a)	Failure to Yield Right of Way	
5	2/14/02	19:22	Rear End	22350	Unsafe Speed	
6	7/1/02	18:01	Bicycle/Vehicle	21801(a)	Failure to Yield Right of Way	
7	6/13/02	12:35	Rear End	22350	Unsafe Speed	
8	9/2/02	23:23	Motorcylce/Vehicle	23152 (a)(b)	DUI	
9	12/26/02	11:50	Broadside	21453(a)	Red Light Violation	Injury
10	10/11/02	18:35	Broadside	21453(a)	Red Light Violation	Injury

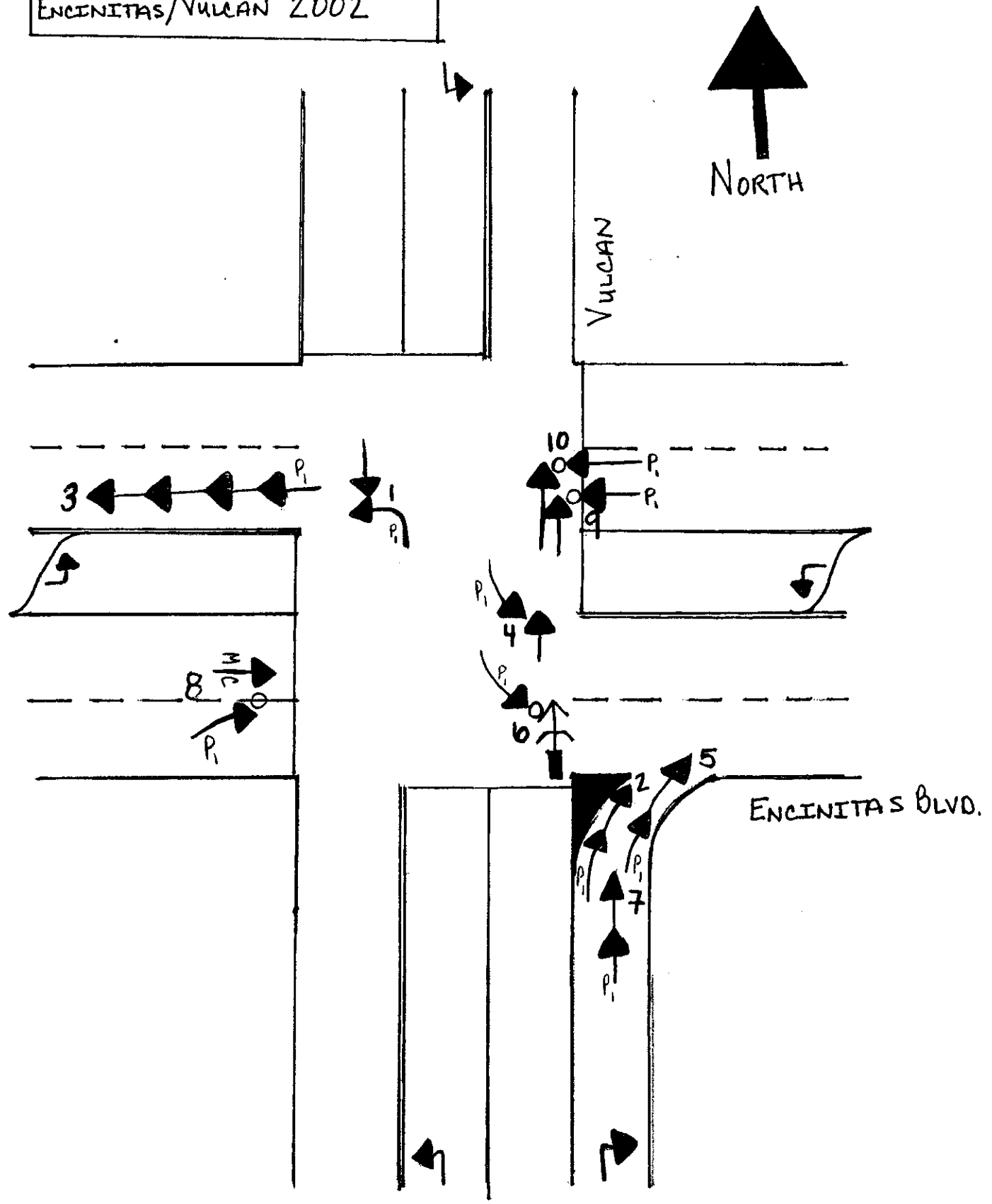
INTERSECTION OF ENCINITAS BLVD. AND VULCAN AVE. (2001)

NO.	DATE	TIME	TYPE	VIOLATION	PRIMARY COLLISION FACTOR	OTHER
1	1/10/01	14:06	Broadside	21453(a)	Red Light Violation	
2	2/3/01	19:47	Broadside	21453(b)	Red Light Violation	Talking On Cell Phone
3	2/23/01	16:10	Rear End	22350	Unsafe Speed	Injury
4	3/21/01	13:23	Rear End	21703	Following Too Closely	Injury
5	4/12/01	10:56	Rear End	21451(a)	Stopping at a Green Light	
6	4/20/01	8:25	Broadside	21453(a)	Red Light Violation	Injury
7	5/8/01	12:26	Rear End	22530	Unsafe Speed	
8	7/31/01	18:59	Broadside	21453(a)	Red Light Violation	
9	9/28/01	7:50	Sideswipe	21801(a)	Failure to Yield Right of Way	
10	10/12/01	11:37	Broadside	21801(a)	Failure to Yield Right of Way	
11	10/20/01	22:56	Bicycle/Vehicle	21453(a)	Red Light Violation	
12	11/18/01	11:36	Broadside	23152	DUI	Injury
13	11/23/01	20:13	Broadside	21453(a)	Red Light Violation	
14	11/26/01	10:58	Broadside	21801(A)	Failure to Yield Right of Way	

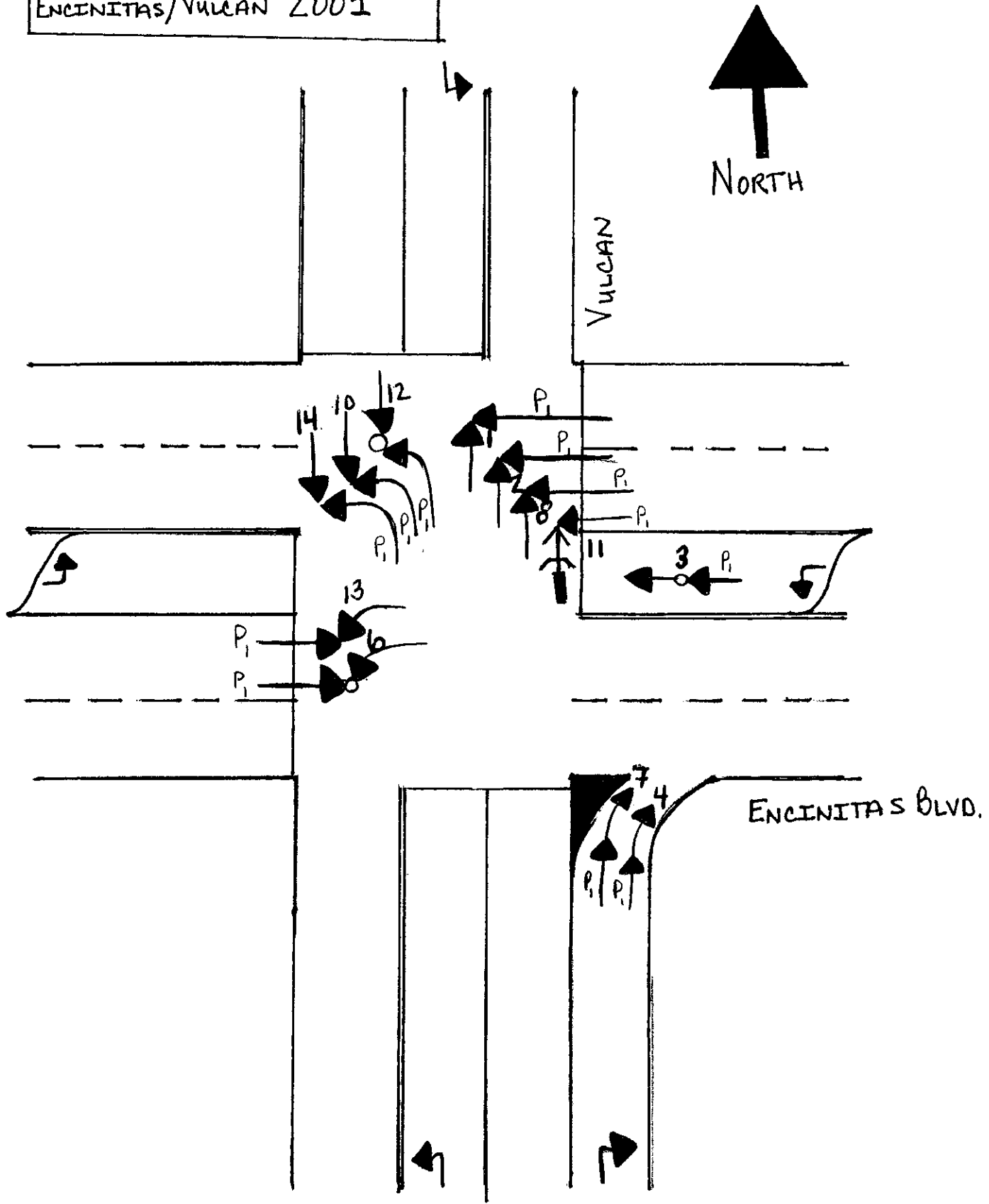
INTERSECTION OF ENCINITAS BLVD. AND VULCAN AVE. (2000)

NO.	DATE	TIME	TYPE	VIOLATION	PRIMARY COLLISION FACTOR	OTHER
1	1/27/00	21:17	Broadside	21801(a)	Failure to Yield Right of Way	Unlicensed
2	3/21/00	20:29	Broadside	21801(a)	Failure to Yield Right of Way	Unlicensed
3	6/26/00	20:32	Rear End	22350	Unsafe Speed	
4	8/15/00	17:46	Rear End	22350	Unsafe Speed	
5	8/13/00	20:21	Broadside	21801(a)	Failure to Yield Right of Way	Unlicensed
6	8/19/00	10:13	Rear End	22350	Unsafe Speed	
7	10/5/00	16:48	Bicycle/Vehicle	22107	Unsafe Lane Change	
8	10/20/00	16:49	Rear End	22350	Unsafe Speed	
9	12/15/00	18:08	Rear End	22350	Unsafe Speed	

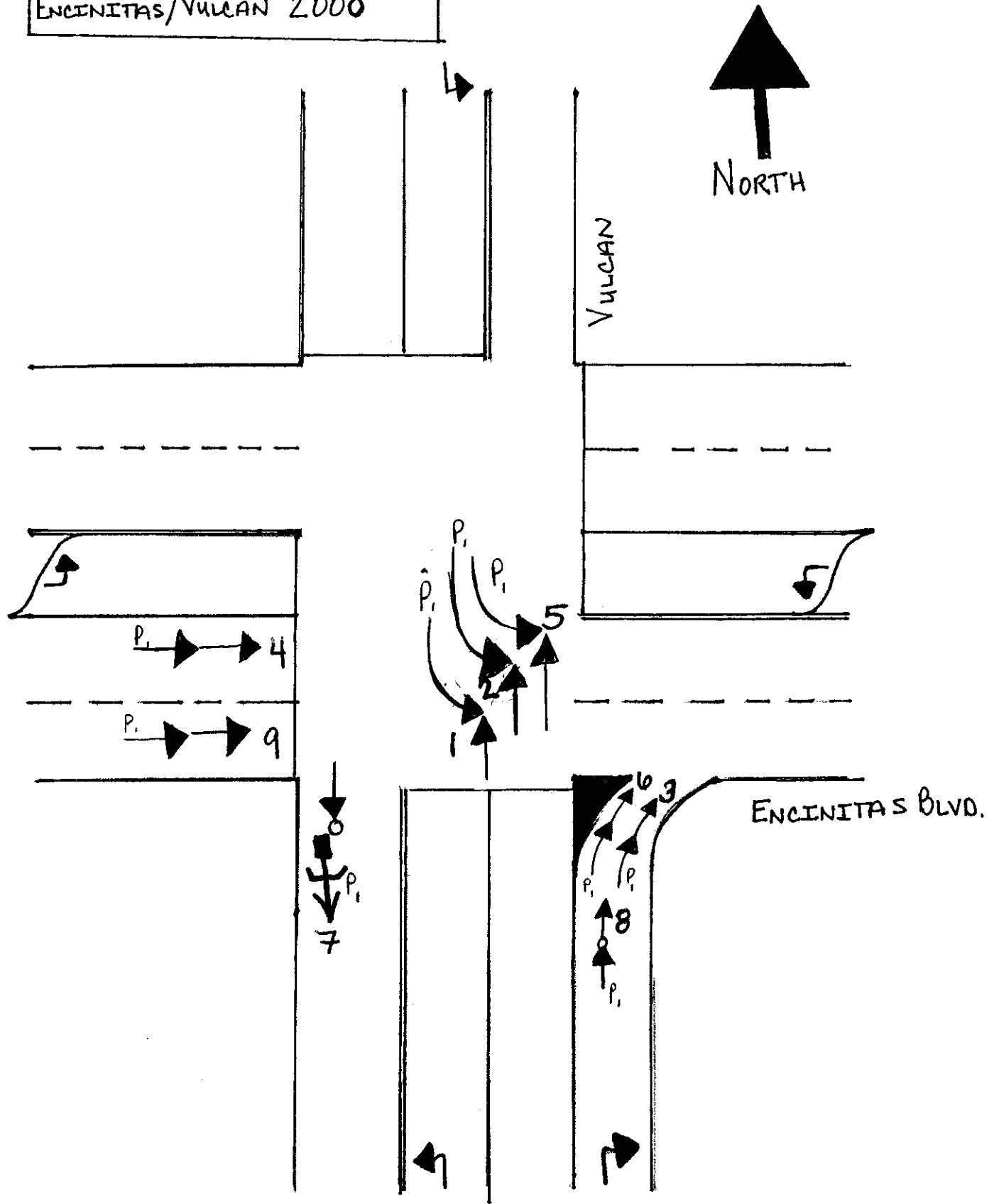
ENCINITAS/VULCAN 2002



ENCINITAS/VULCAN 2001



ENCINITAS/VULCAN 2000



INTERSECTION OF EL CAMINO REAL AND OLIVENHAIN RD/LEUCADIA BLVD (2002)

NO.	DATE	TIME	TYPE	VIOLATION	PRIMARY COLLISION FACTOR	OTHER
1	1/16/02	12:49	Broadside	21453(a)	Red Light Violation	
2	3/14/02	8:43	Rear End	22350	Unsafe Speed	
3	4/24/02	11:29	Broadside	21457(a)	Red Light Violation	Wet
4	4/25/02	14:55	Broadside	21804(a)	Entering a Highway without Yielding	
5	5/6/02	16:04	Rear End	22350	Unsafe Speed	5 Car Pile Up, Injury
6	5/21/02	14:26	Rear End	22350	Unsafe Speed	Injury
7	7/12/02	15:58	Broadside	21453(a)	Red Light Violation	Injury
8	8/14/02	18:28	Rear End	22350	Unsafe Speed	Injury
9	8/14/02	11:05	Rear End	22350	Unsafe Speed	Injury
10	9/26/02	19:07	Rear End	22350	Unsafe Speed	Injury
11	11/1/02	21:11	Hit Object	21352(a)(b)	DUI	
12	12/10/02	16:38	Rear End	22350	Unsafe Speed	5 Car Pile Up, Injury

INTERSECTION OF EL CAMINO REAL AND OLIVENHAIN RD/LEUCADIA BLVD (2001)

NO.	DATE	TIME	TYPE	VIOLATION	PRIMARY COLLISION FACTOR	OTHER
1	4/12/01	11:35	Sideswipe	22107	Failure to Yield When Moving Right	
2	6/6/01	13:00	Rear End	22350	Unsafe Speed	Hit add Run
3	7/22/01	15:50	Rear End	22350	Unsafe Speed	Hit add Run
4	7/23/01	18:34	Rear End	22350	Unsafe Speed	
5	7/21/01	17:28	Rear End	22350	Unsafe Speed	
6	Missing Report					

INTERSECTION OF EL CAMINO REAL AND OLIVENHAIN RD/LEUCADIA BLVD (2001)

NO.	DATE	TIME	TYPE	VIOLATION	PRIMARY COLLISION FACTOR	OTHER
1	2/27/00	14:40	Rear End	22350	Unsafe Speed	
2	3/24/00	14:43	Rear End	22350	Unsafe Speed	Unlicensed Driver
3	6/7/00	11:30	Rear End	22350	Unsafe Speed	
4	6/24/00	11:18	Rear End	22350	Unsafe Speed	Hit and Run
5	7/11/00	13:25	Broadside	21453(a)	Red Light Violation	
6	7/23/00	17:30	Rear End	22106		Unlicensed Driver
7	8/16/00	6:00	Pedestrian/Vehicle	21950(a)		Injury
8	8/29/00	18:04	Rear End	22350	Unsafe Speed	
9	10/9/00	14:27	Rear End	21543(a)	Red Light Violation	
10	10/6/00	9:00	Rear End	22350	Unsafe Speed	Hit and Run
11	10/10/00	9:35	Rear End	21453(b)	Red Light Violation	Injury

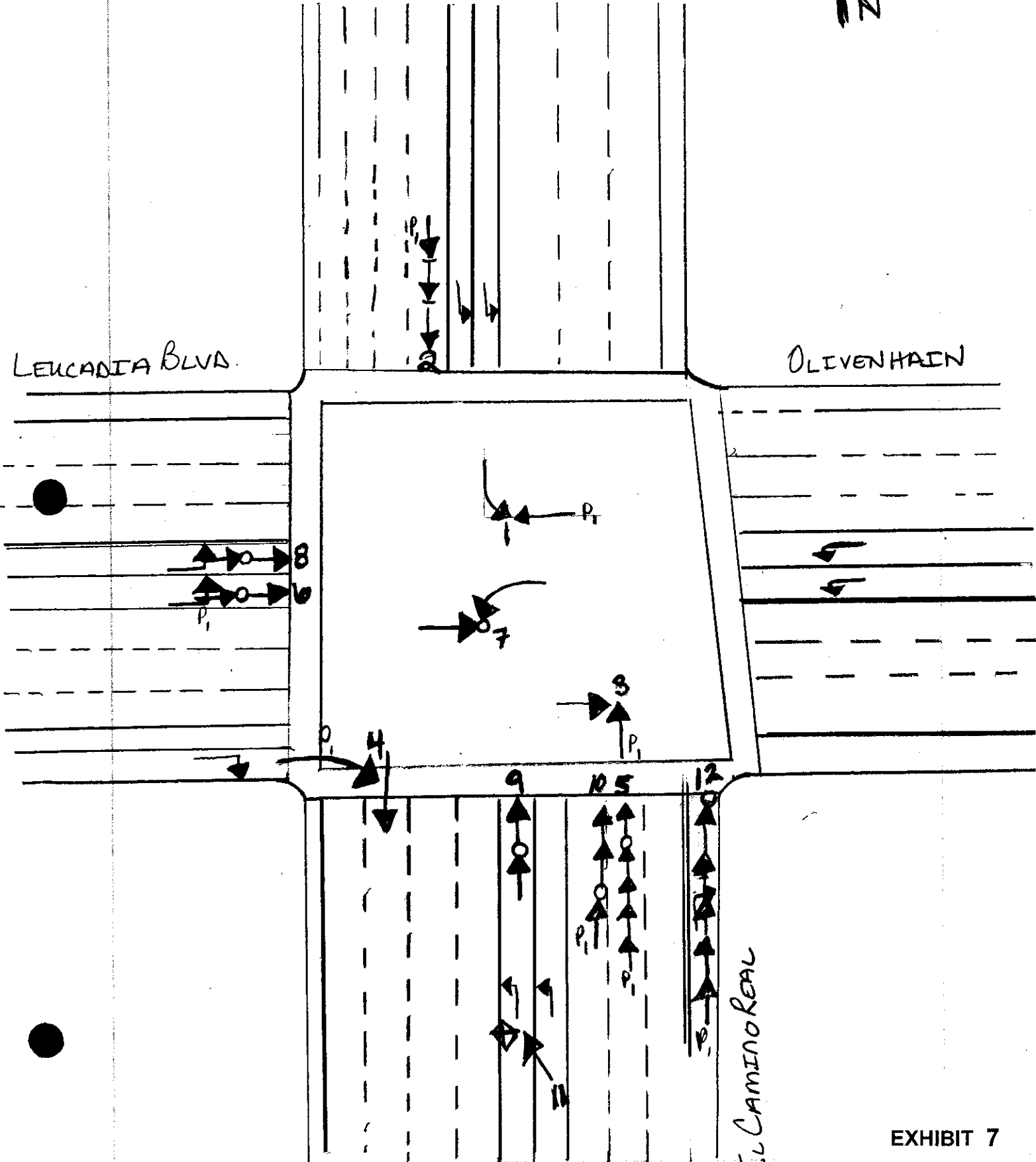
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ECR AND OLIVENHAIN/LEUCADIA
2002



LEUCADIA BLVD.

OLIVENHAIN



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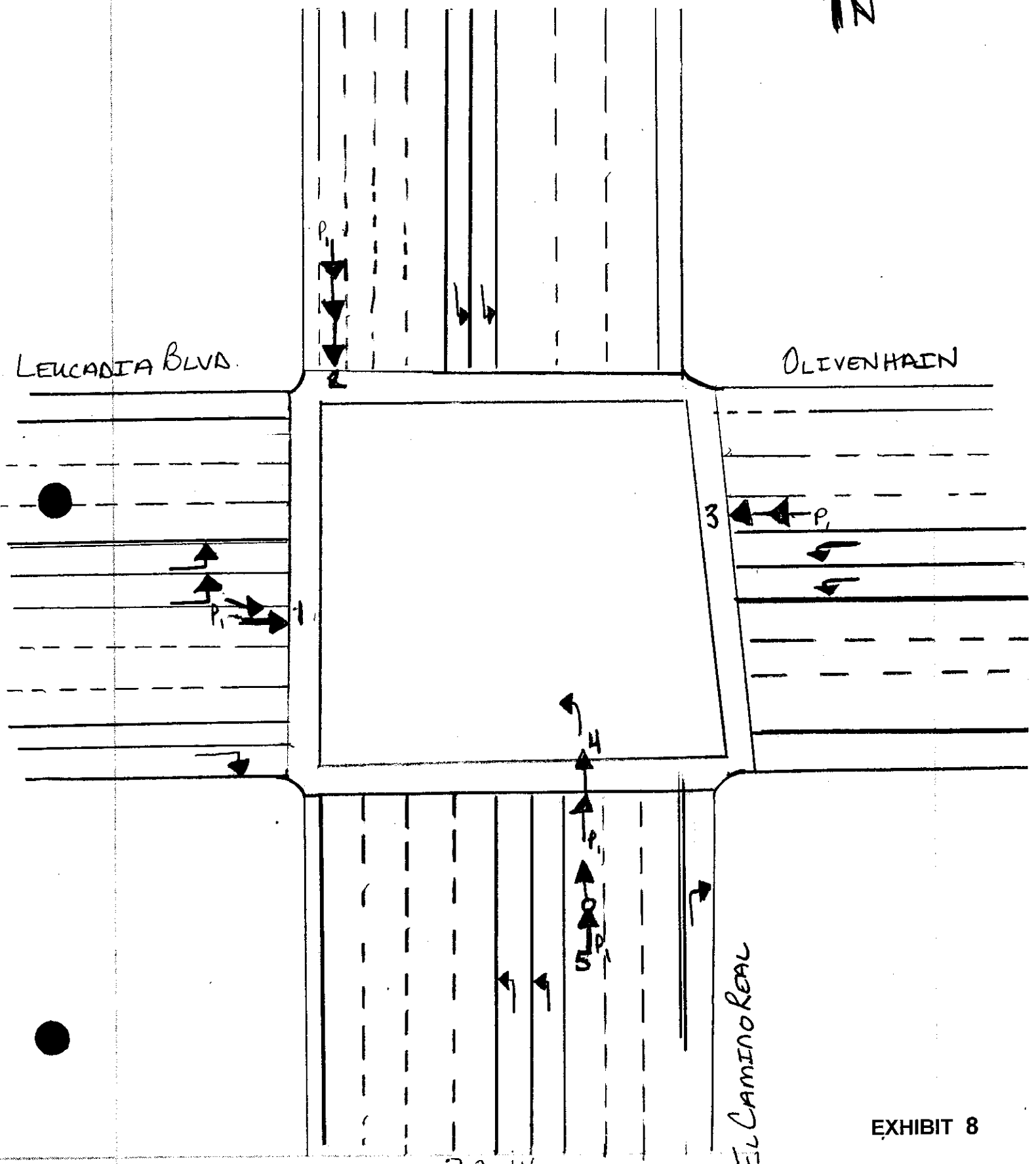
EL CAMINO REAL

ECR AND OLIVENHAIN/LEUCADIA
2001



LEUCADIA BLVD.

OLIVENHAIN



EL CAMINO REAL

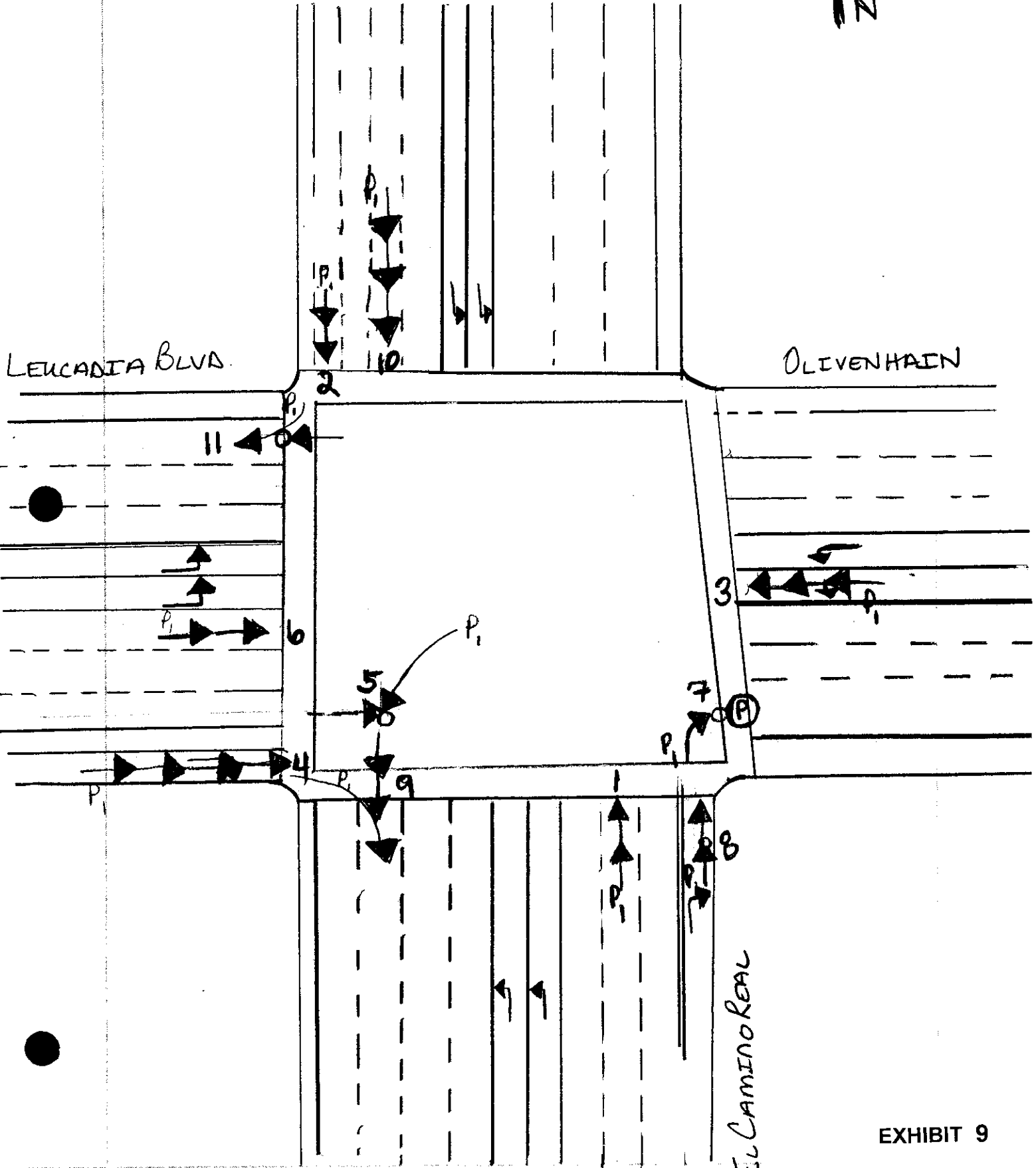
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ECR AND OLIVENHAIN/LEUCADIA
2000



LEUCADIA BLVD.

OLIVENHAIN



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EL CAMINO REAL

EXHIBIT 9

INTERSECTION OF EL CAMINO REAL AND ENCINITAS (2002)

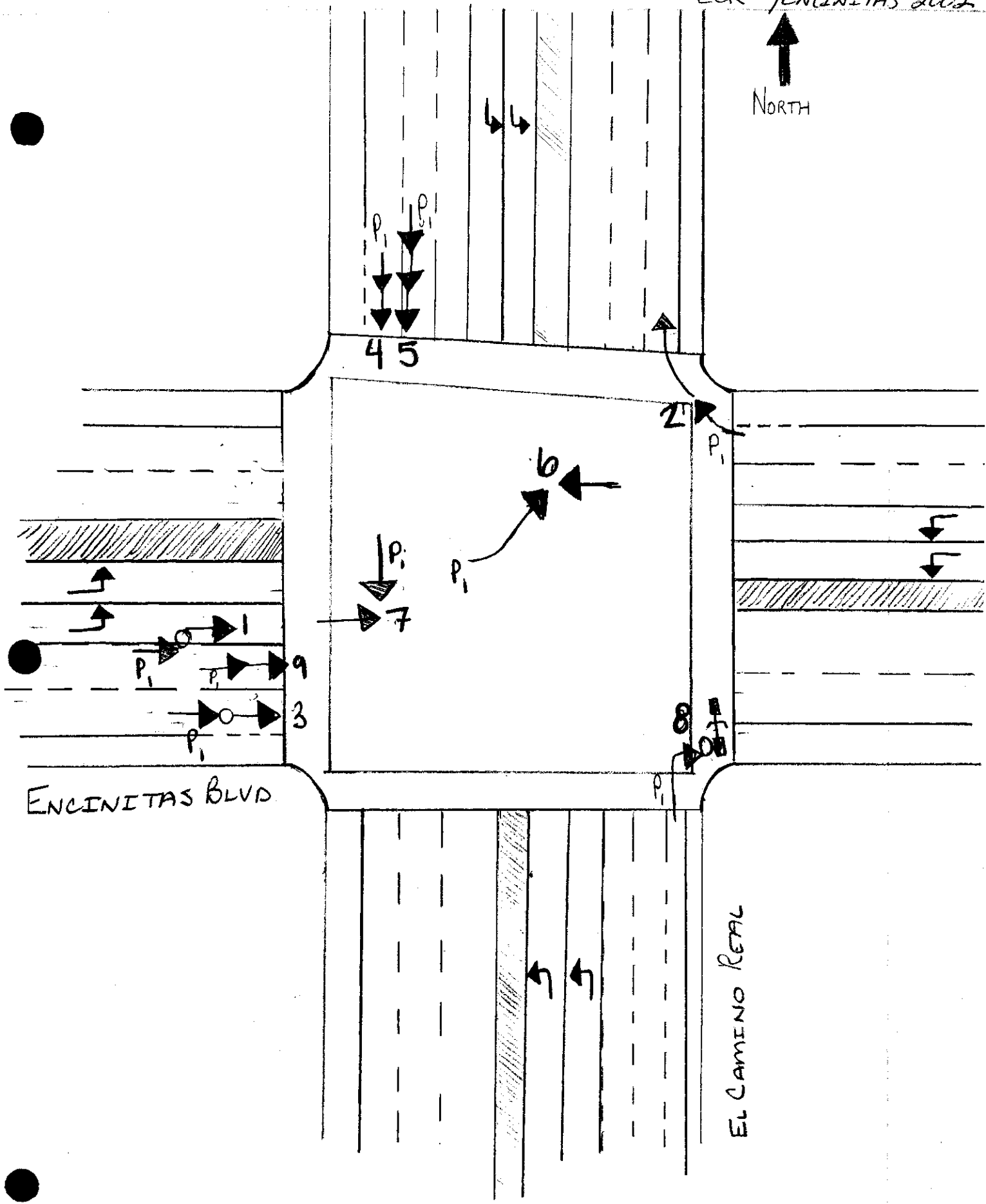
NO.	DATE	TIME	TYPE	VIOLATION	PRIMARY COLLISION FACTOR	OTHER
1	3/14/02	10:51	Rear End	22107	Unsafe Turning Movement	Medical- Blacked Out
2	1/24/02	12:01	Rear End	22107	Unsafe Turning Movement	
3	3/15/02	2:13	Rear End	23152(a)(b)	DUI	Injury
4	5/29/02	15:50	Rear End	22107	Unsafe Turning Movement	
5	6/5/02	9:00	Rear End	22350	Unsafe Speed	3 Vehicle Pile Up, Hit and run
6	6/26/02	15:03	Broadside	21801(a)	Failure to Yield Right of Way	
7	7/24/02	20:16	Broadside	21453(a)	Red Light Violation	Hit and Run
8	9/8/02	14:31	Bicycle/Vehicle	22100(a)	Unsafe Right Turn	Hit and Run
9	8/29/02	18:44	Rear End	23152(a)(b)	DUI	Hit and Run
10	Missing Report					

INTERSECTION OF EL CAMINO REAL AND ENCINITAS (2001)

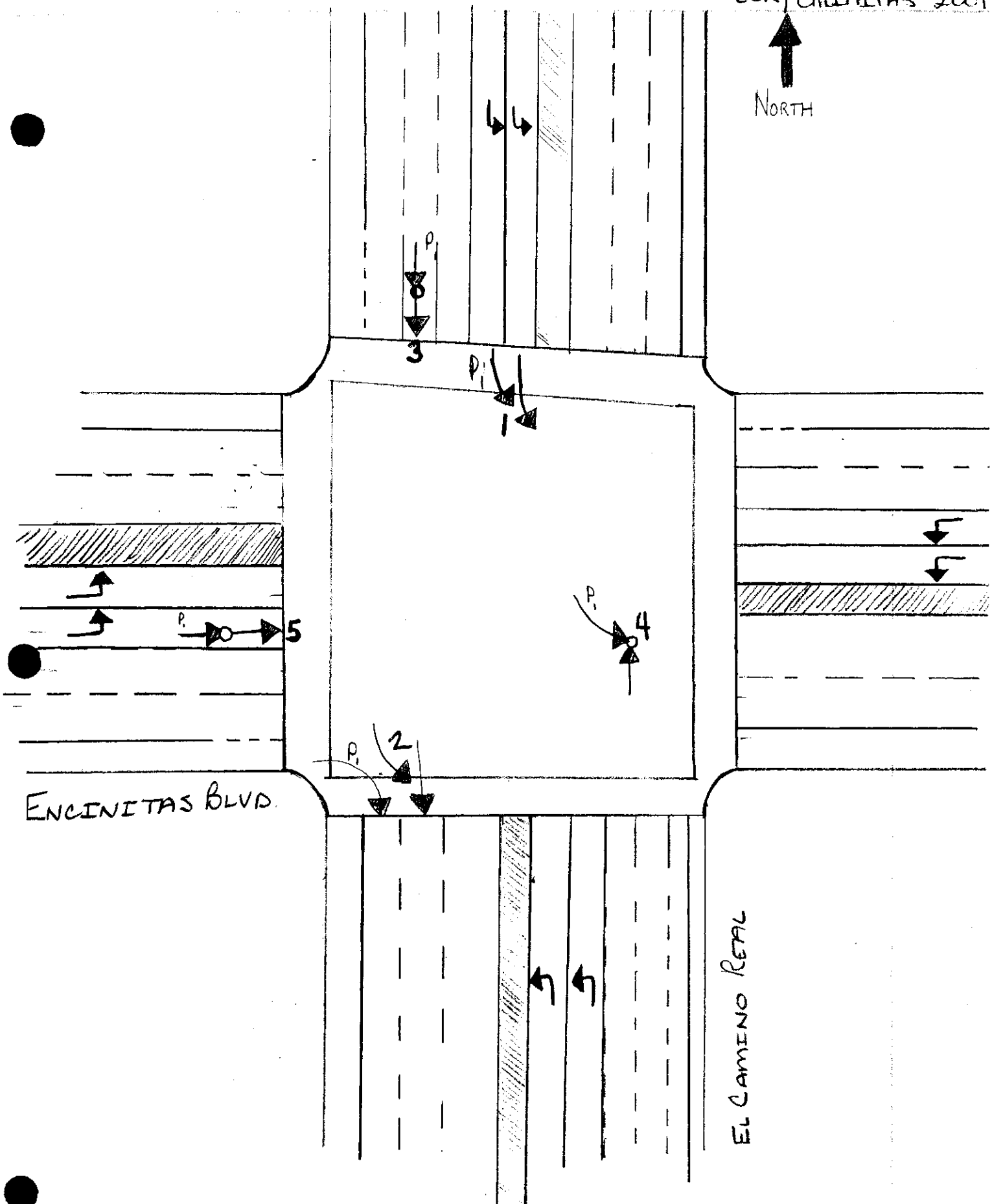
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1	3/12/03	23:31	Sideswipe	21750		
2	6/4/01	21:00	Sideswipe	21453(b)	Red Light Violation	Uninvolved Vehicle Primary Cause
3	9/10/01	7:57	Rear End	Medical	Diabetic Coma	Injury
4	10/8/01	11:23	Broadside	21453(a)	Red Light Violation	Injury
5	11/4/01	16:38	Rear End	22350	Unsafe Speed	Injury

INTERSECTION OF EL CAMINO REAL AND ENCINITAS (2000)

NO.	DATE	TIME	TYPE	VIOLATION	PRIMARY COLLISION FACTOR	OTHER
1	1/19/00	16:02	Rear End	22350	Unsafe Speed	Stop and Go Traffic
2	5/9/00	18:08	Rear End	22350	Unsafe Speed	5 Vehicle Pile Up, Injury
3	5/26/00	17:52	Sideswipe	22107	Unsafe Turning Movement	
4	6/14/00	13:45	Bicycle/Vehicle	21750	Not Turning from Far Right Lane	
5	6/7/00	11:40	Broadside	21453©	Red Light Violation	
6	7/9/00	9:37	Ped/Vehicle	21954(a)	Walking Outside of Crosswalk	Pedestrian at Fault
7	8/12/00	11:06	Rear End	22350	Unsafe Speed	3 Vehicle Pile Up, Injury
8	8/12/00	17:00	Rear End	22350	Unsafe Speed	
9	8/24/00	12:48	Broadside	21453©	Red Light Violation	
10	9/17/00	11:34	Rear End	22350	Unsafe Speed	
11	8/4/00	9:45	Head-On	22101(d)	Disobedience of Traffic Control	



ECR / ENCINITAS 2001

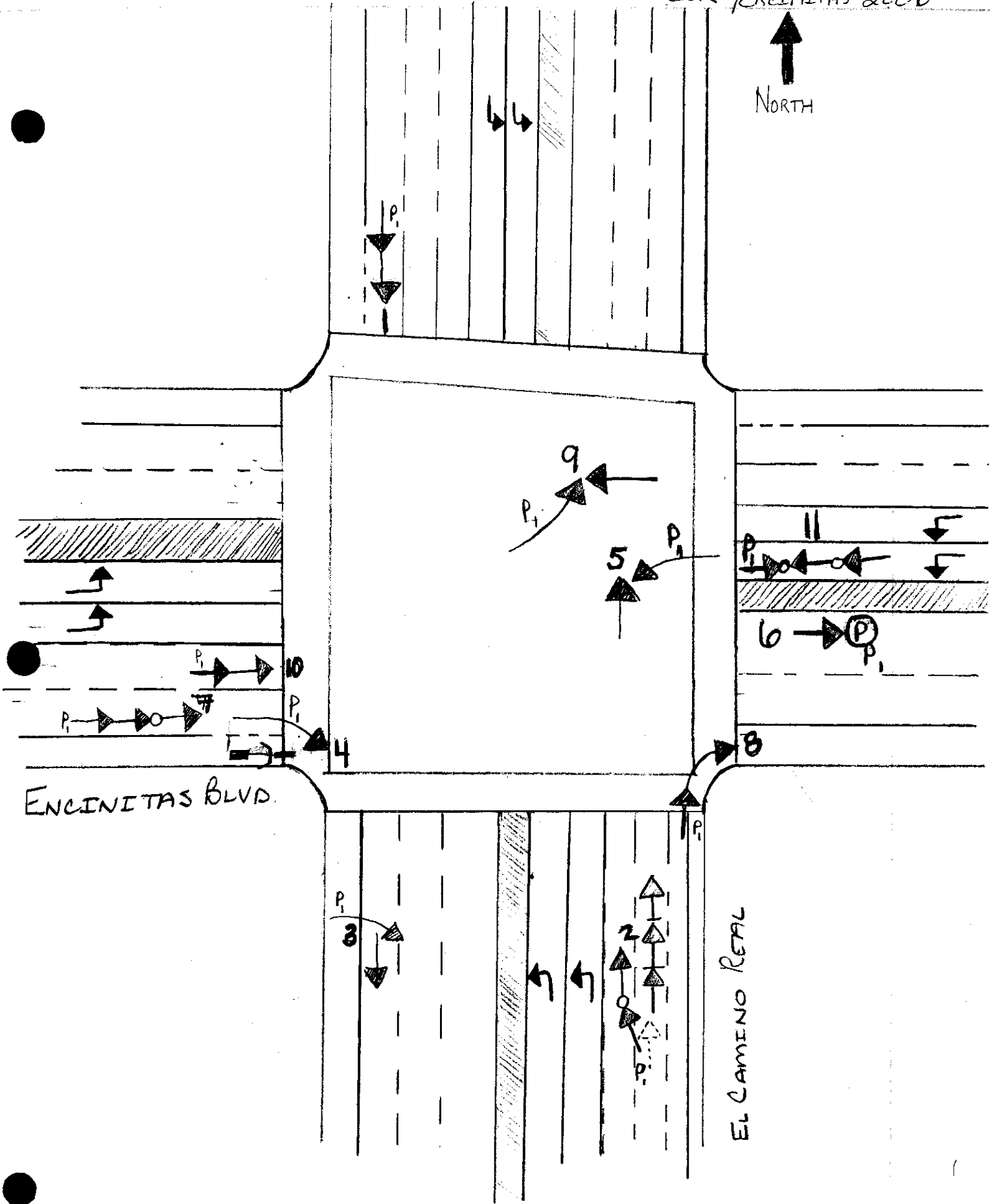


ENCINITAS BLVD.

EL CAMINO REAL

EXHIBIT 12

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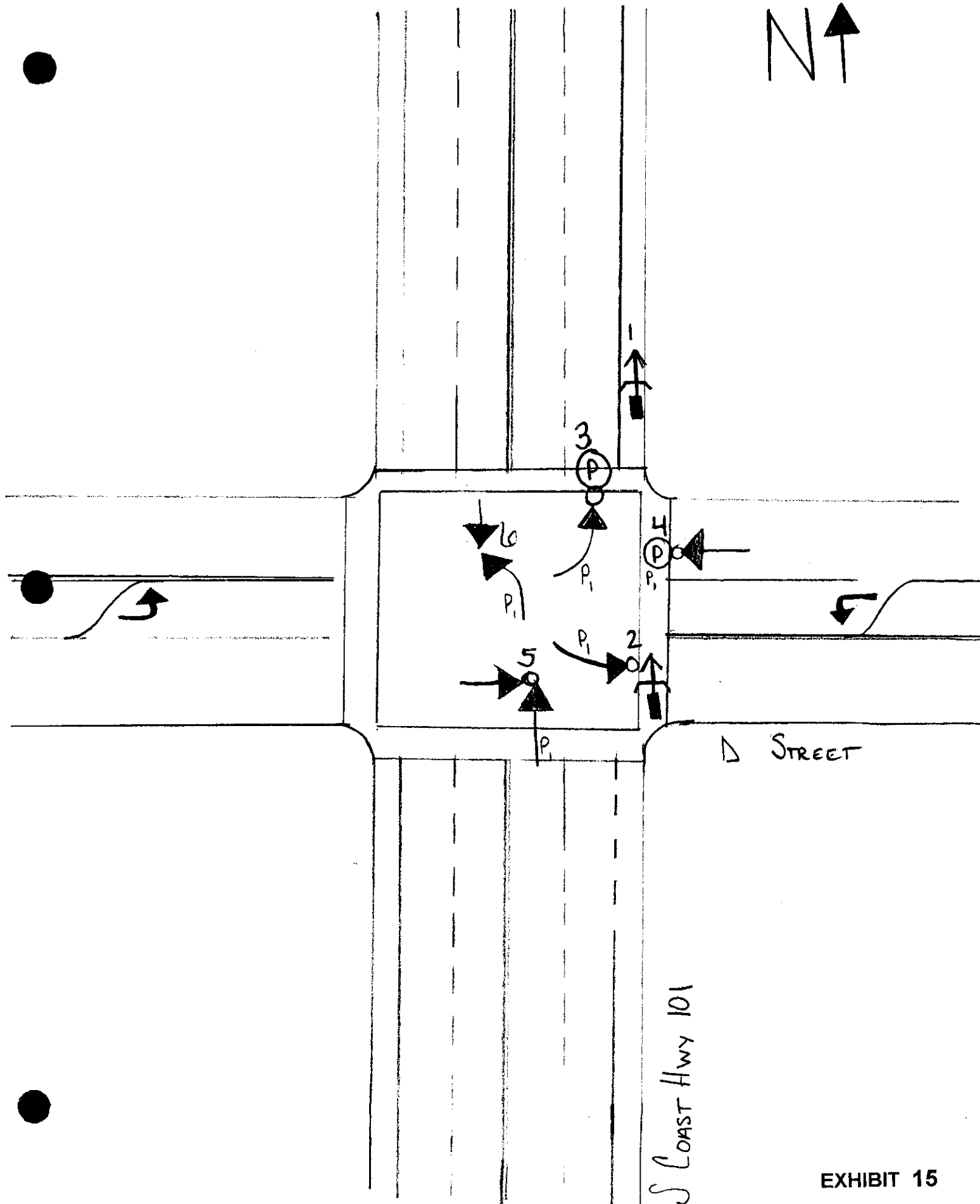


INTERSECTION OF S COAST HWY 101 AND D STREET (2000-2002)

NO.	DATE	TIME	TYPE	VIOLATION		OTHER
				PRIMARY COLLISION FACTOR		
1	2/28/02	17:15	Bicycle	None	Construction	Got Hung Up in In Construction Tape
2	6/18/02	17:09	Bicycle/Vehicle	21801(a)	Failure to Yield to Oncoming Traffic	
3	6/16/02	0:52	Pedestrian/Vehicle	23153(a)	DUI	
4	6/17/02	17:07	Pedestrian/Vehicle	21456(b)	Pedestrian Crossed Against Red Hand	Pedestrian Crossed Against Red Hand, Injury
5	9/2/02	12:38	Broadside	21457(a)	Red Light Violation	Signals On Flash, Injury
6	7/16/02	13:34	Broadside	21801(a)	Failure to Yield to Oncoming Traffic	
7	2/10/01	21:30	Sideswipe	23152(a)	DUI	
8	2/20/01	15:04	Broadside	21457(a)	Red Light Violation	Hit Parked Vehicle, Hit and Run
9	3/13/01	18:04	Broadside	21803(a)	Failure to Yield to Oncoming Traffic	Signals On Flash
10	4/5/01	14:34	Broadside	21801(a)	Failure to Yield to Oncoming Traffic	Injury
11	6/28/01	22:09	Head-On	213152	DUI	
12	7/9/01	13:41	Rear End	22350	Unsafe Speed	
13	10/15/01	17:30	Broadside	None	Unknown	
14	2/24/00	18:25	Broadside	21801(a)	Failure to Yield to Oncoming Traffic	
15	4/6/00	23:02	Broadside	21801(a)	Failure to Yield to Oncoming Traffic	
16	5/12/00	22:38	Broadside	21801(a)	Failure to Yield to Oncoming Traffic	Injury
17	5/13/00	20:32	Broadside	21453	Red Light Violation	
18	6/12/00	12:52	Sideswipe	21755	Unsafe Passing on Right	
19	8/25/00	13:51	Broadside	21801(a)	Failure to Yield to Oncoming Traffic	
20	11/9/00	14:35	Broadside	21801(a)	Failure to Yield to Oncoming Traffic	
21	11/15/00	13:35	Broadside	21802	Failure to Yield Right of Way	

7A-20

S COAST HWY 101 / D STREET 2002



D STREET

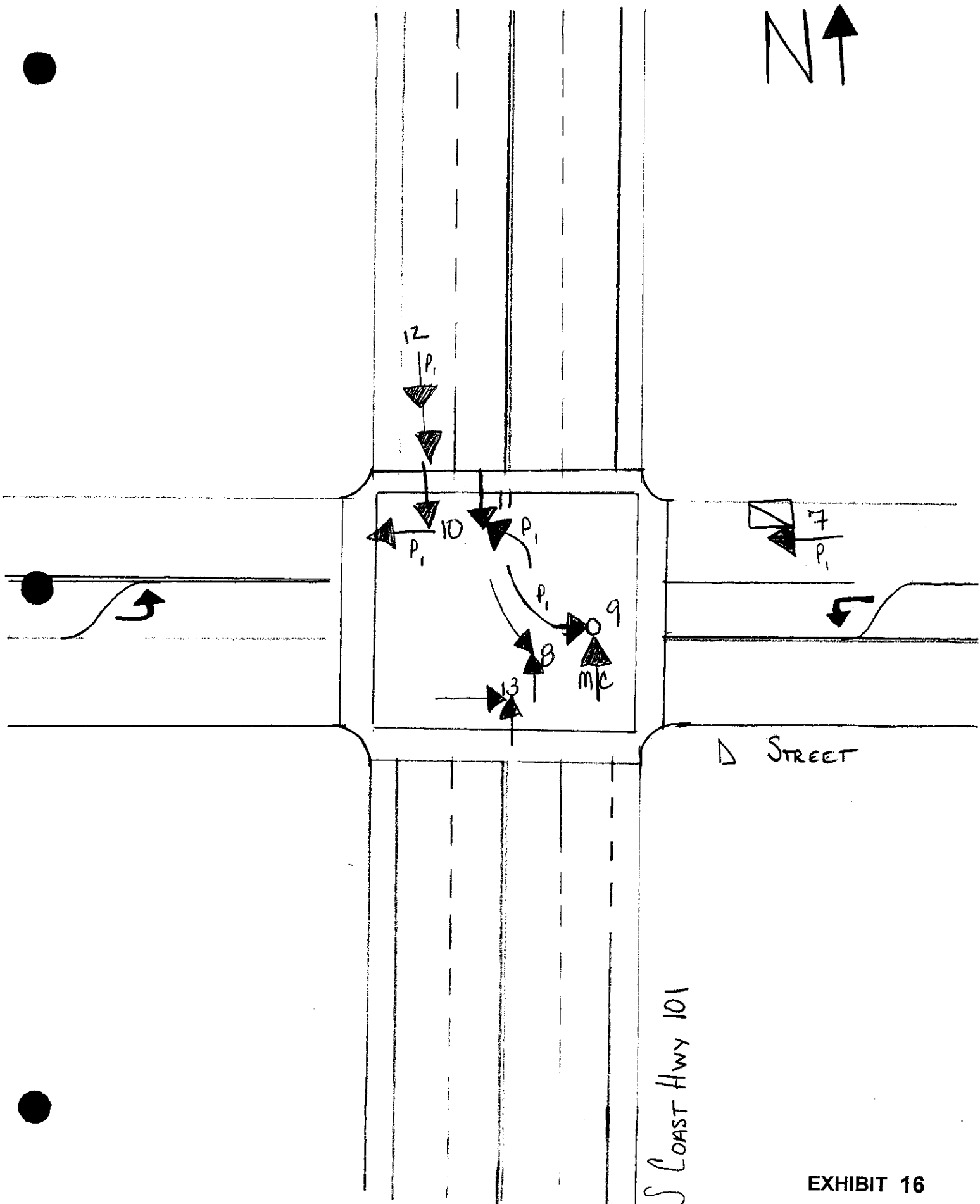
S COAST HWY 101

7A-21

EXHIBIT 15

S COAST HWY 101/D STREET 2001

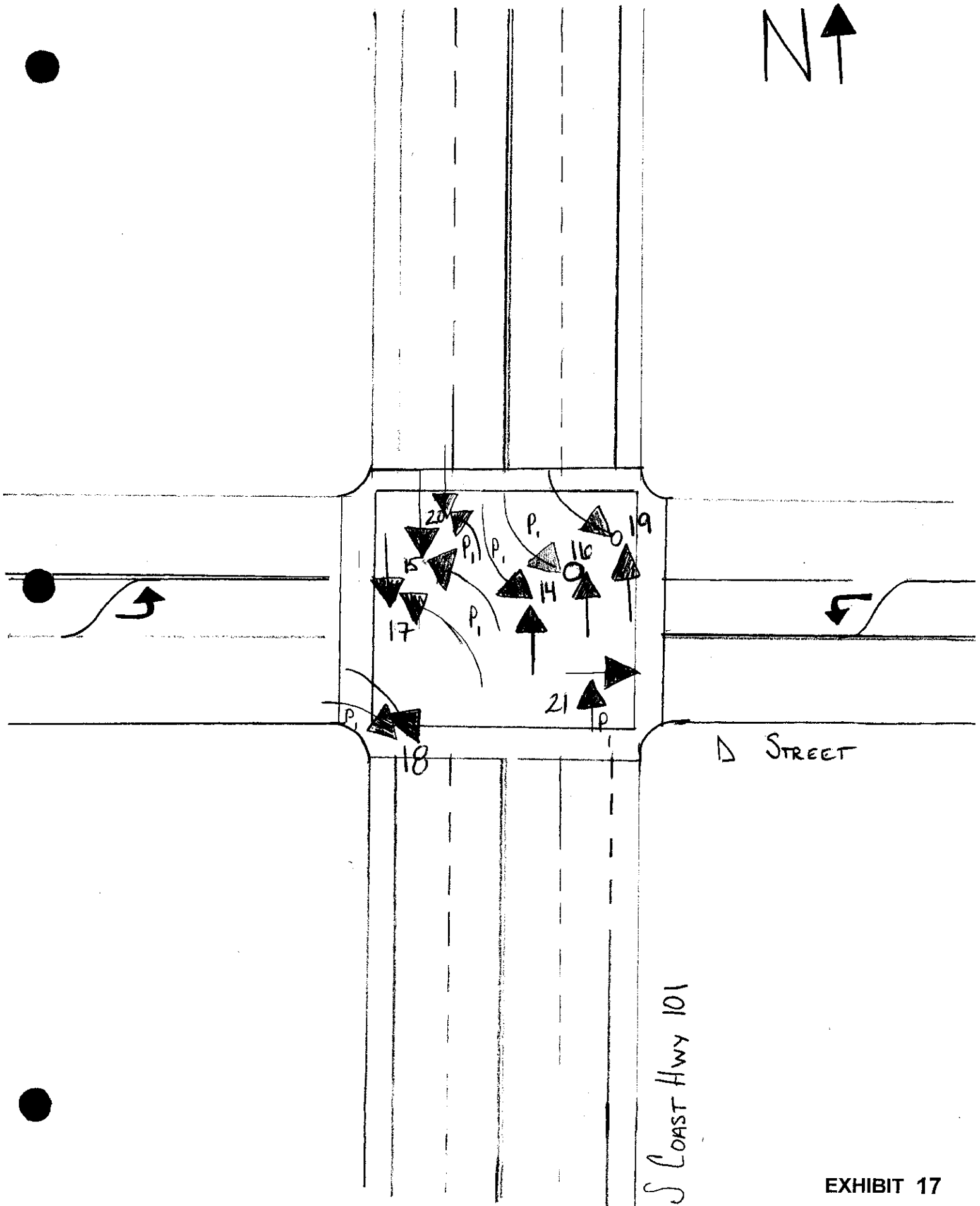
N ↑



7A-22

EXHIBIT 16

S COAST HWY 101 / D STREET 2000



D STREET

S COAST HWY 101

EXHIBIT 17

7A-23

INTERSECTION OF ENCINITAS BLVD AND WESTLAKE/QUAIL GARDENS DR (2002)

NO.	DATE	TIME	TYPE	VIOLATION	PRIMARY COLLISION FACTOR	OTHER
1	3/13/02	14:32	Rear End	21703	Following More Closely Than Reasonable	
2	5/27/02	16:30	Broadside	21453(a)	Red Light Violation	Injury
3	9/14/02	16:01	Sideswipe	21453(a)	Red Light Violation	Hit and Run, Unlicensed Driver
4	9/20/02	13:15	Rear End	21451(a)	Stopping at a Green Light	3 Vehicle Pile Up
5	10/27/02	19:20	Broadside	21453(a)	Red Light Violation	
6	10/28/02	12:35	Rear End	21451(a)	Stopping at a Green Light	3 Vehicle Pile Up, Injury
7	12/26/02	7:44	Head-On	21453(a)	Red Light Violation	Unlicensed Driver
8	2/14/02	7:33	Head-On	21453(a)	Red Light Violation	

INTERSECTION OF ENCINITAS BLVD AND WESTLAKE/QUAIL GARDENS DR (2001 and 2000)

NO.	DATE	TIME	TYPE	VIOLATION	PRIMARY COLLISION FACTOR	OTHER
1	3/25/01	12:10	Rear End	22350	Unsafe Speed	
2	6/11/01	12:24	Rear End	22350	Unsafe Speed	
3	6/12/01	12:27	Rear End	22350	Unsafe Speed	Injury
4	8/17/01	14:13	Rear End	22400(a)	Stopping at a Green Light	
5	1/18/00	21:09	Broadside	21800(d)	Unsafe Proceeding Through Intersection	Signal Not Functioning Properly
6	3/21/00	13:30	Rear End	22350	Unsafe Speed	Hit a Stopped Bus, Injury
7	11/14/00	6:55	Rear End	22350	Unsafe Speed	Hit School Bus, Injury
8	12/19/00	11:03	Rear End	22350	Unsafe Speed	

7A.24

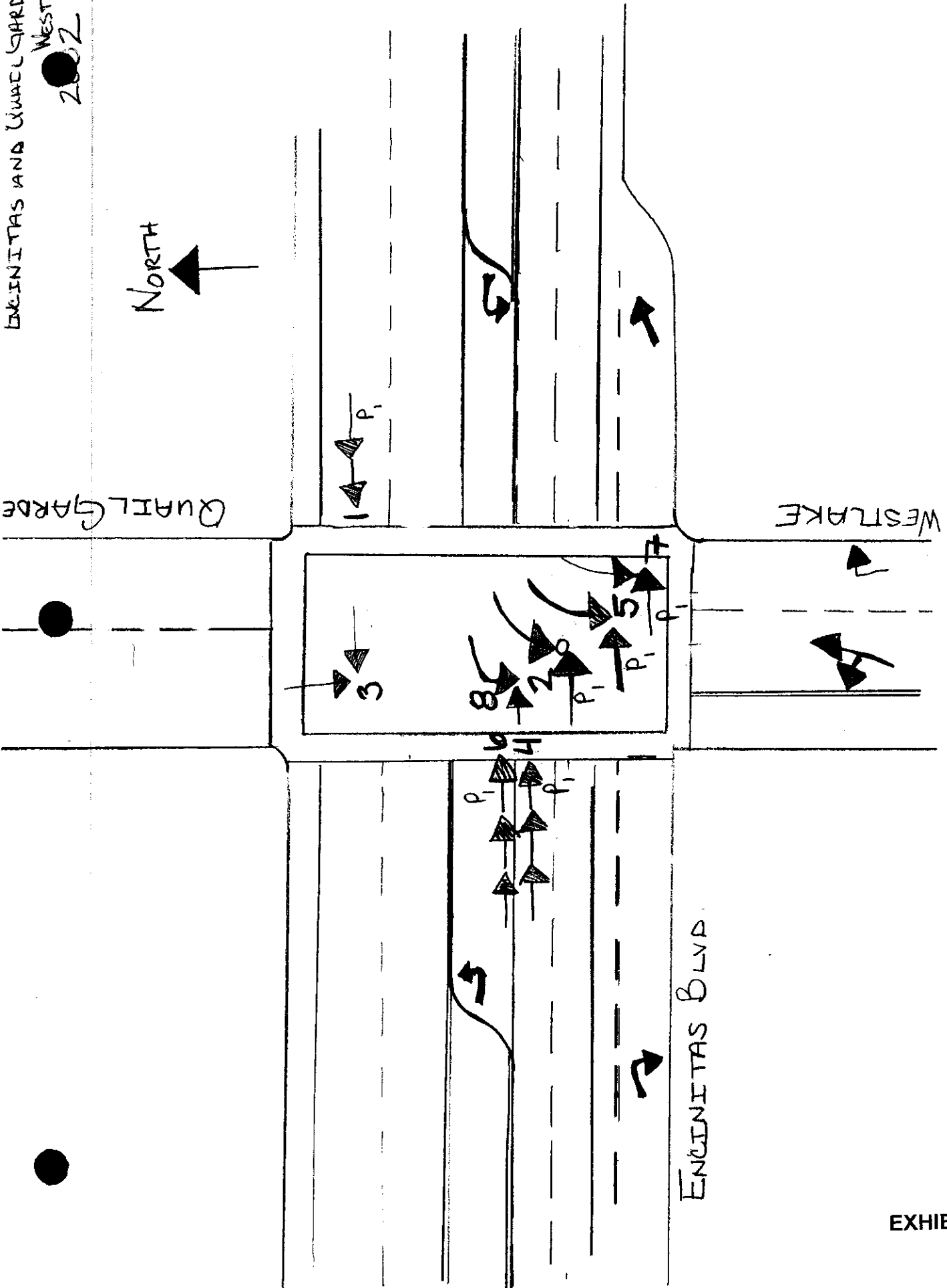
ENCINITAS AND UMBEL GARDENS/
WESTLAKE
2002

NORTH
↑

QUAIL GARDE

WESTLAKE

ENCINITAS BLVD.



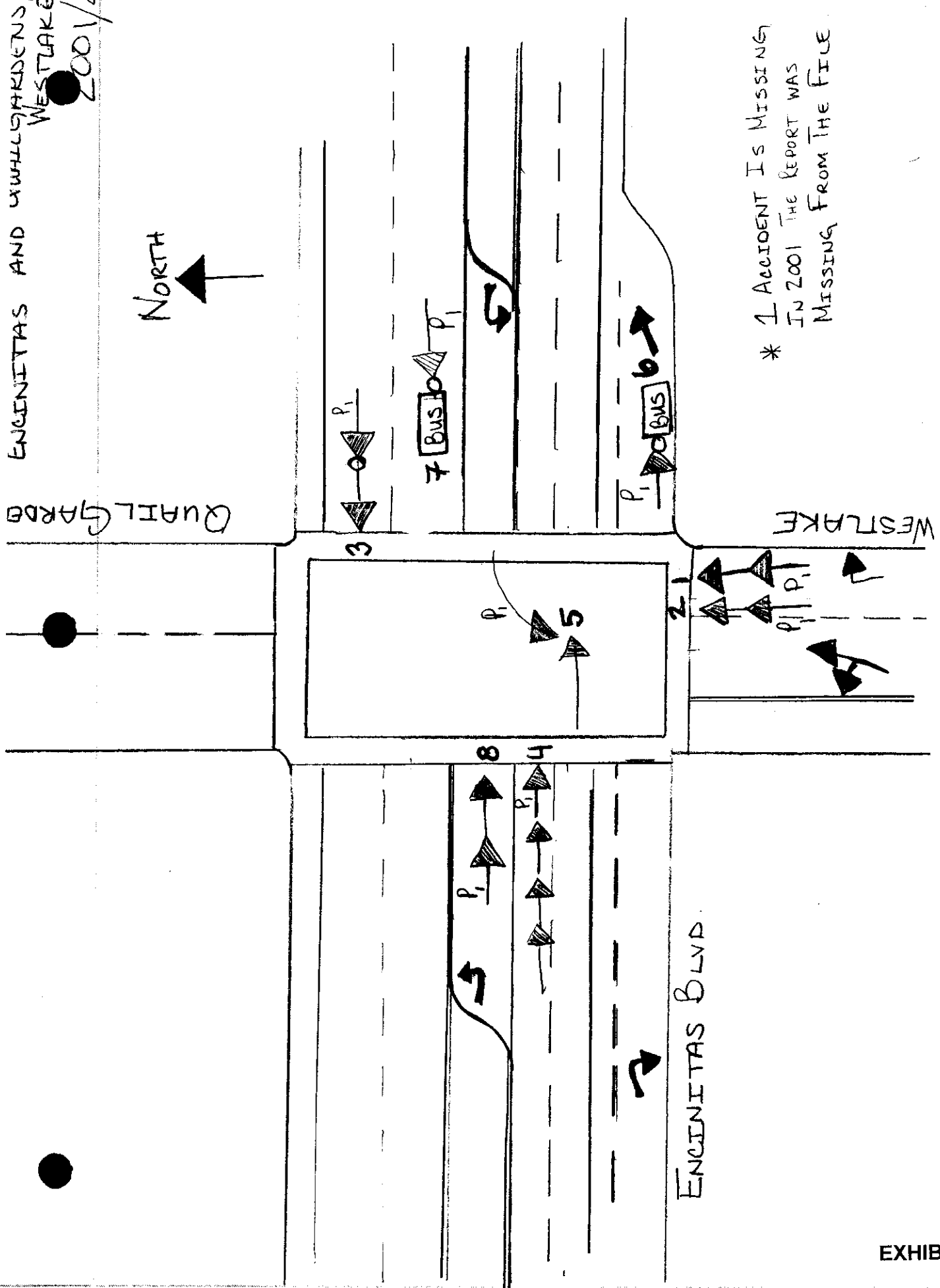
ENCINITAS AND WHEELGARDENS/
WESTLAKE
2001/2000

NORTH
↑

QUAIL GARDEN

WESTLAKE

ENCINITAS BLVD.



* 1 ACCIDENT IS MISSING
IN 2001 THE REPORT WAS
MISSING FROM THE FILE

INTERSECTION OF EL CAMINO REAL AND TOWN CENTER (2000-2002)
PRIMARY COLLISION

NO.	DATE	TIME	TYPE	VIOLATION	FACTOR	OTHER
1	4/24/02	10:20	Pedestrian/Vehicle	21453(a)	Red Light Violation	Light Rain, Injury
2	8/23/02	17:37	Sideswipe	21804(a)	Not Yielding Right of Way	
3	9/5/02	16:28	Sideswipe	21658(a)	Unsafe Lane Change	
4	12/2/02	8:50	Broadside	21453(a)	Red Light Violation	
5	2/24/01	11:41	Rear End	22350	Unsafe Speed	Injury 3 Vehicle Pile Up
6	7/19/01	11:55	Bicycle/Vehicle	21650.1	Bicycle Driving Against Traffic	Injury 3 Vehicle Pile Up
7	11/24/01	13:45	Rear End	22350	Unsafe Speed	
8	12/12/01	15:37	Rear End	22350	Unsafe Speed	
9	1/10/00	11:06	Head-On	21453(a)	Red Light Violation	
10	1/10/00	23:05	Rear End	23152	DUI	3 Vehicle Pile Up Injury, Wet, Hit and Run
11	2/7/00	19:19	Rear End	22350	Unsafe Speed	3 Vehicle Pile Up
12	2/19/00	12:42	Rear End	22350	Unsafe Speed	
13	8/23/00	14:38	Broadside	21453(a)	Red Light Violation	Unlicensed Driver, 3 Vehicle Accident
14	10/9/00	15:56	Rear End	22350	Unsafe Speed	
15	11/13/00	17:15	Rear End	22350	Unsafe Speed	

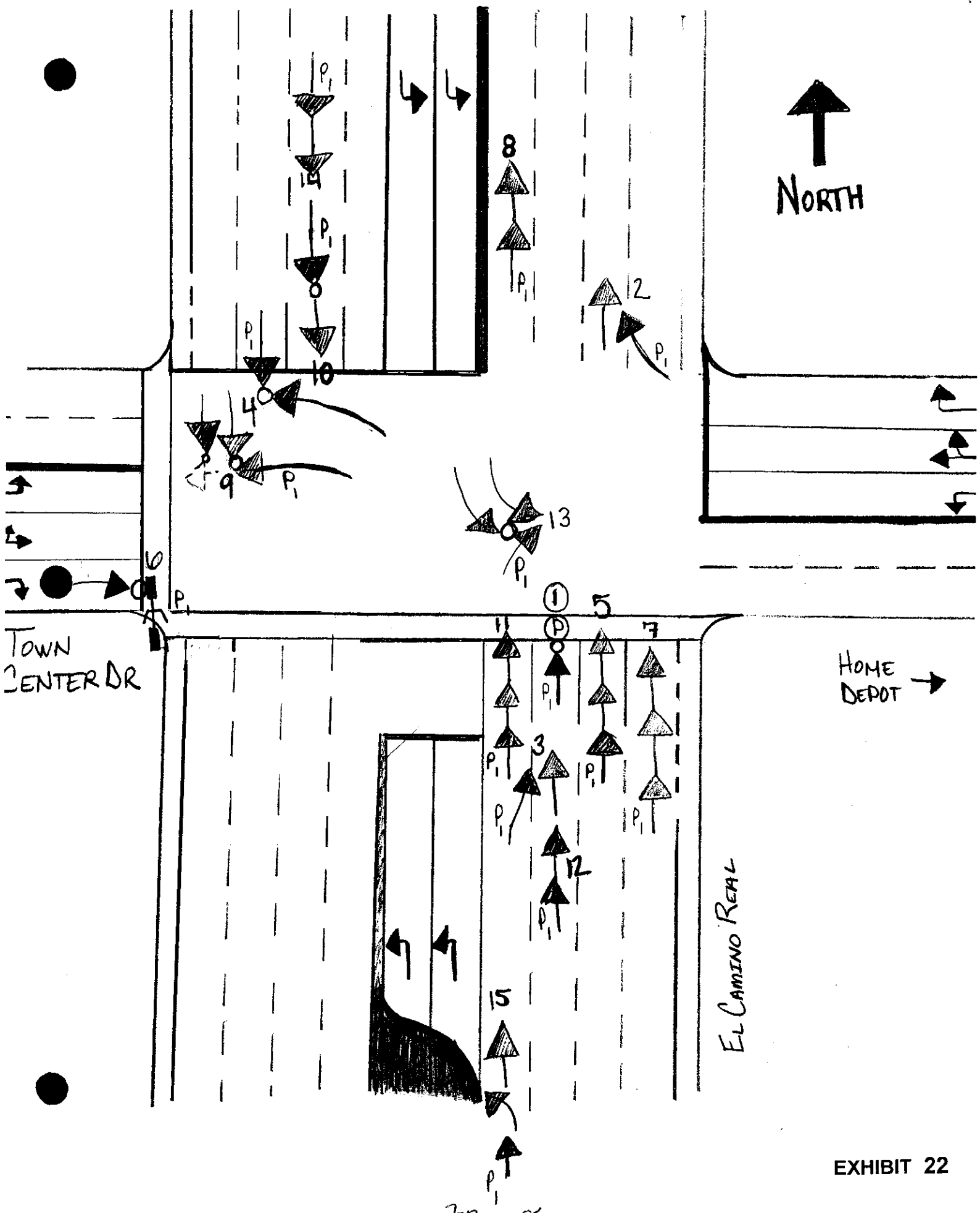
7A-27



TOWN CENTER DR

HOME DEPOT →

EL CAMINO REAL

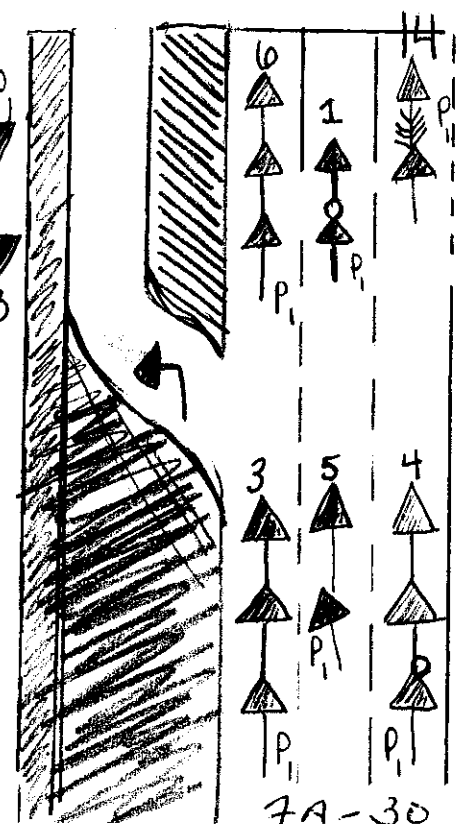
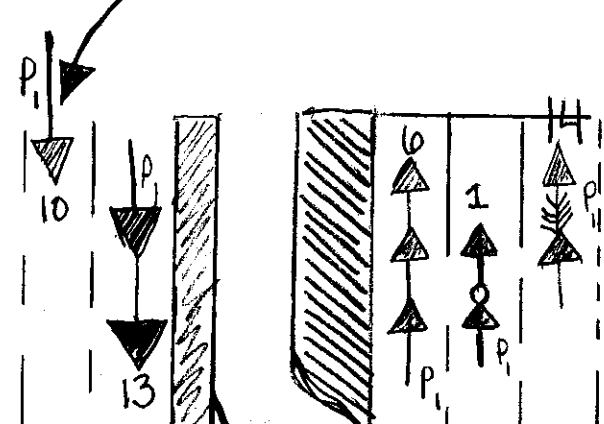
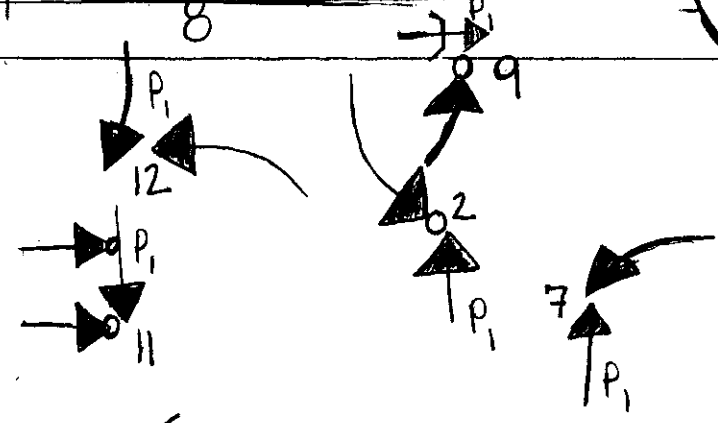
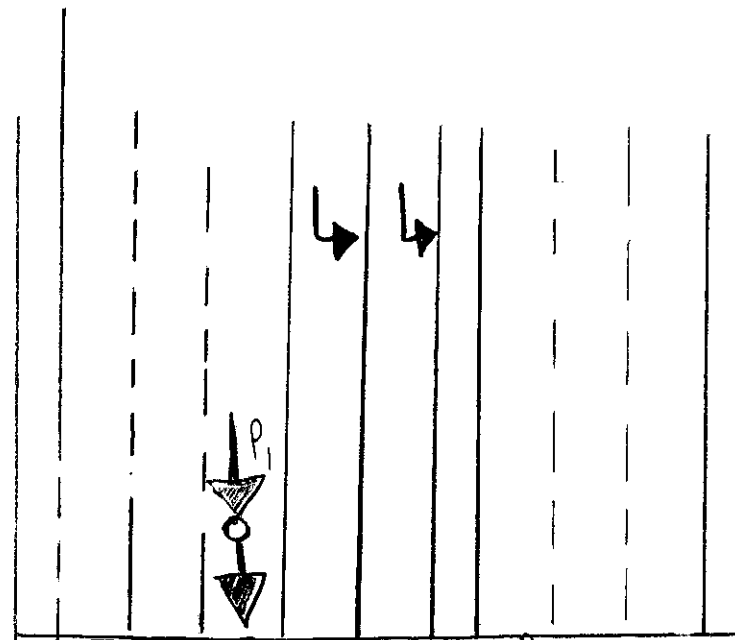


INTERSECTION OF EL CAMINO REAL AND MOUNTAIN VISTA (2000-2002)

PRIMARY COLLISION

NO.	DATE	TIME	TYPE	VIOLATION	FACTOR	OTHER
1	2/8/02	16:42	Rear End	21703	Following Too Closely	Injury
2	3/30/02	17:56	Broadside	21453(a)	Red Light Violation	Injury
3	8/13/02	15:27	Rear End	22350	Unsafe Speed	3 Vehicle Pile Up
4	8/29/02	16:08	Rear End	22350	Unsafe Speed	Injury, 3 Vehicle Pile Up
5	3/9/01	14:00	Rear End	22107	Unsafe Lane Change	Hit and Run
6	5/8/01	13:42	Rear End	22350	Unsafe Speed	Injury, 3 Vehicle Pile Up
7	6/7/01	7:34	Broadside	21453(a)	Red Light Violation	Unlicensed Driver
8	7/29/01	22:59	Rear End	22350	Unsafe Speed	
9	9/29/01	21:41	Bicycle/Vehicle	21461(a)	Fail to Obey Traffic Control	Injury, P2 DUI
10	3/16/00	10:00	Broadside	21453(a)	Red Light Violation	
11	3/21/00	17:30	Broadside	21453(a)	Red Light Violation	
12	10/2/00	6:52	Broadside	21453(a)	Red Light Violation	
13	11/15/00	17:07	Rear End	22350	Unsafe Speed	
14	5/14/00	13:11	Rear End	22106	Unsafe Backing	

7A-29



MT. VISTA

EL CAMINO REAL

7A-30

INTERSECTION OF ENCINITAS AND CALLE MAGDELANA (2000-2002)
PRIMARY COLLISION

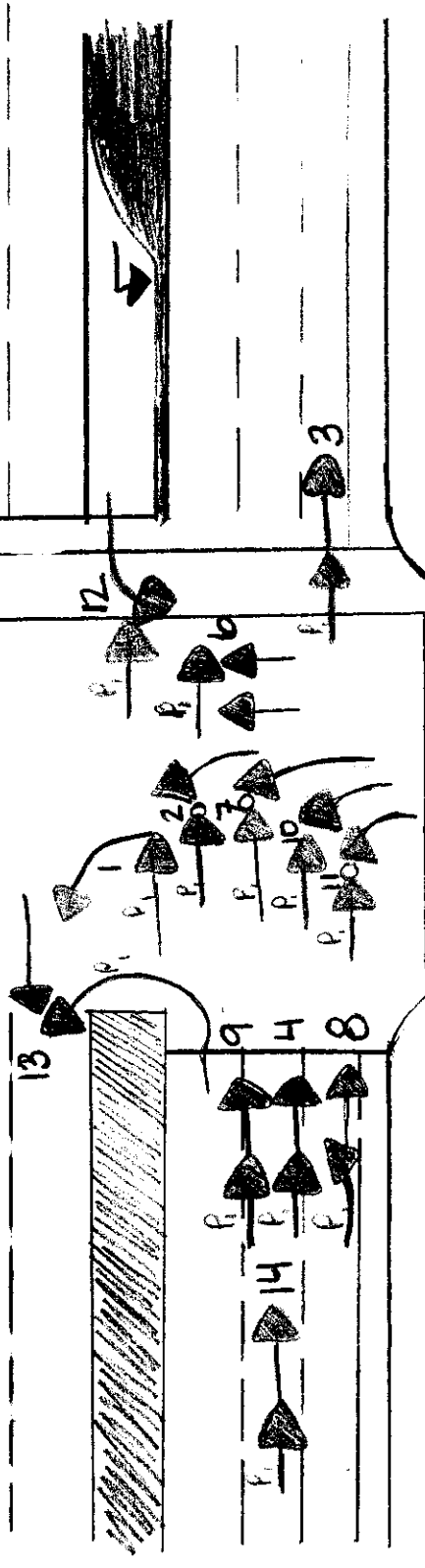
NO.	DATE	TIME	TYPE	VIOLATION	FACTOR	OTHER
1	2/19/02	14:50	Broadside	21453(a)	Red Light Violation	
2	3/10/02	15:46	Broadside	21453(a)	Red Light Violation	Injury
3	6/2/02	14:30	Rear End	22109	Suddenly Stopping Without Signaling	
4	7/7/02	15:00	Rear End	22350	Unsafe Speed	
5	8/30/02	17:04	Rear End	22350	Unsafe Speed	Injury, Hit Bus
6	10/29/02	22:57	Broadside	21453(a)	Red Light Violation	3 Vehicle Collision
7	11/28/02	17:51	Broadside	21453(a)	Red Light Violation	Injury, Wet Road
8	4/7/01	9:56	Rear End	22350	Unsafe Speed	
9	8/20/01	8:10	Rear End	22350	Unsafe Speed	
10	11/14/01	6:44	Broadside	21453(a)	Red Light Violation	
11	2/16/00	17:54	Broadside	21453(a)	Red Light Violation	Injury
12	4/30/00	17:48	Broadside	21453(a)	Red Light Violation	
13	5/13/00	7:10	Broadside	21461(a)	Failure to Obey Traffic Signs	
14	9/10/00	15:31	Rear End	21800(d)	Unsafe Proceeding Through Intersection	Traffic Signals Not Functioning Properly

72.61

NORTH
↑

ENCINITAS BLVD.

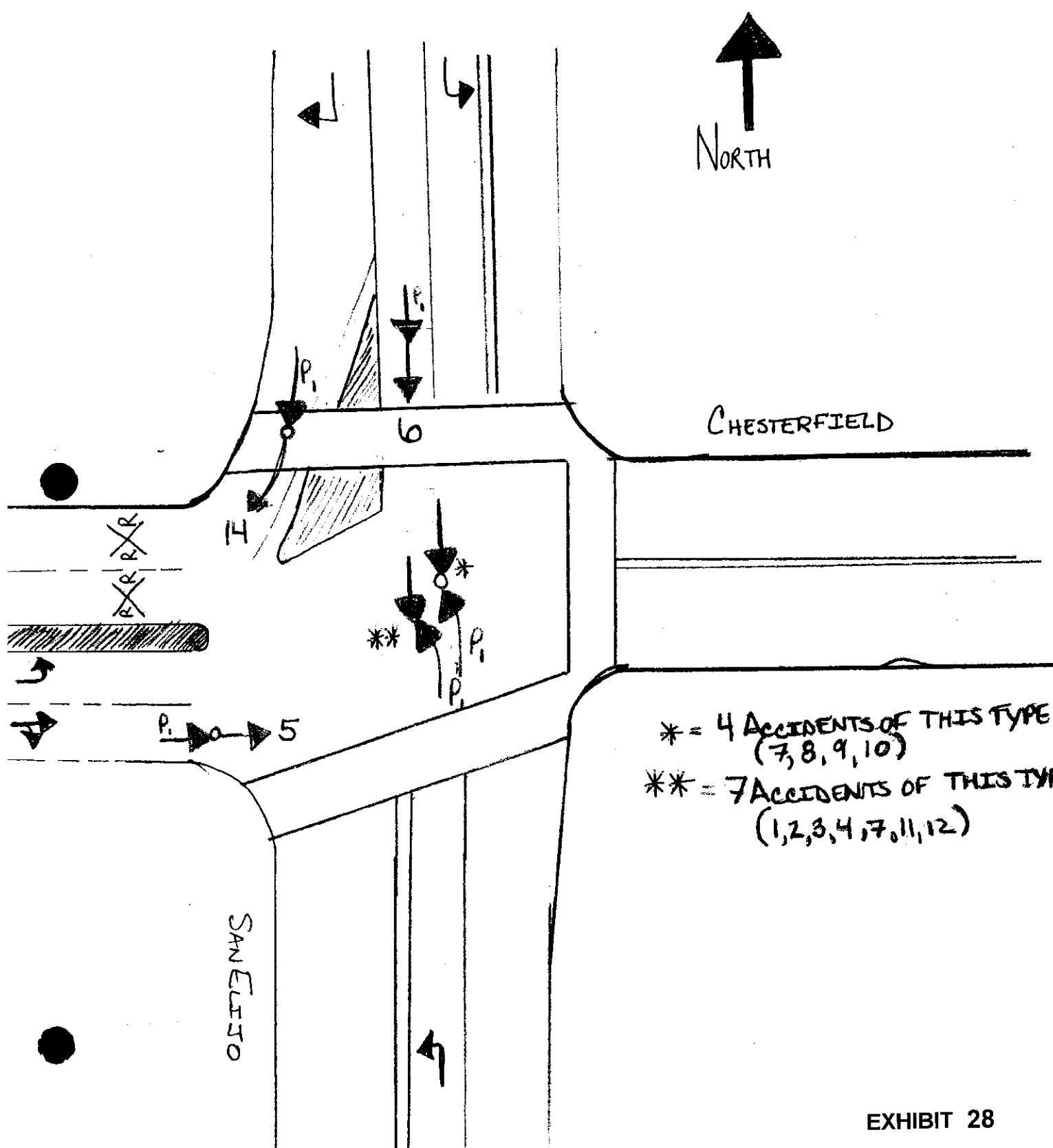
5 BUS STOP



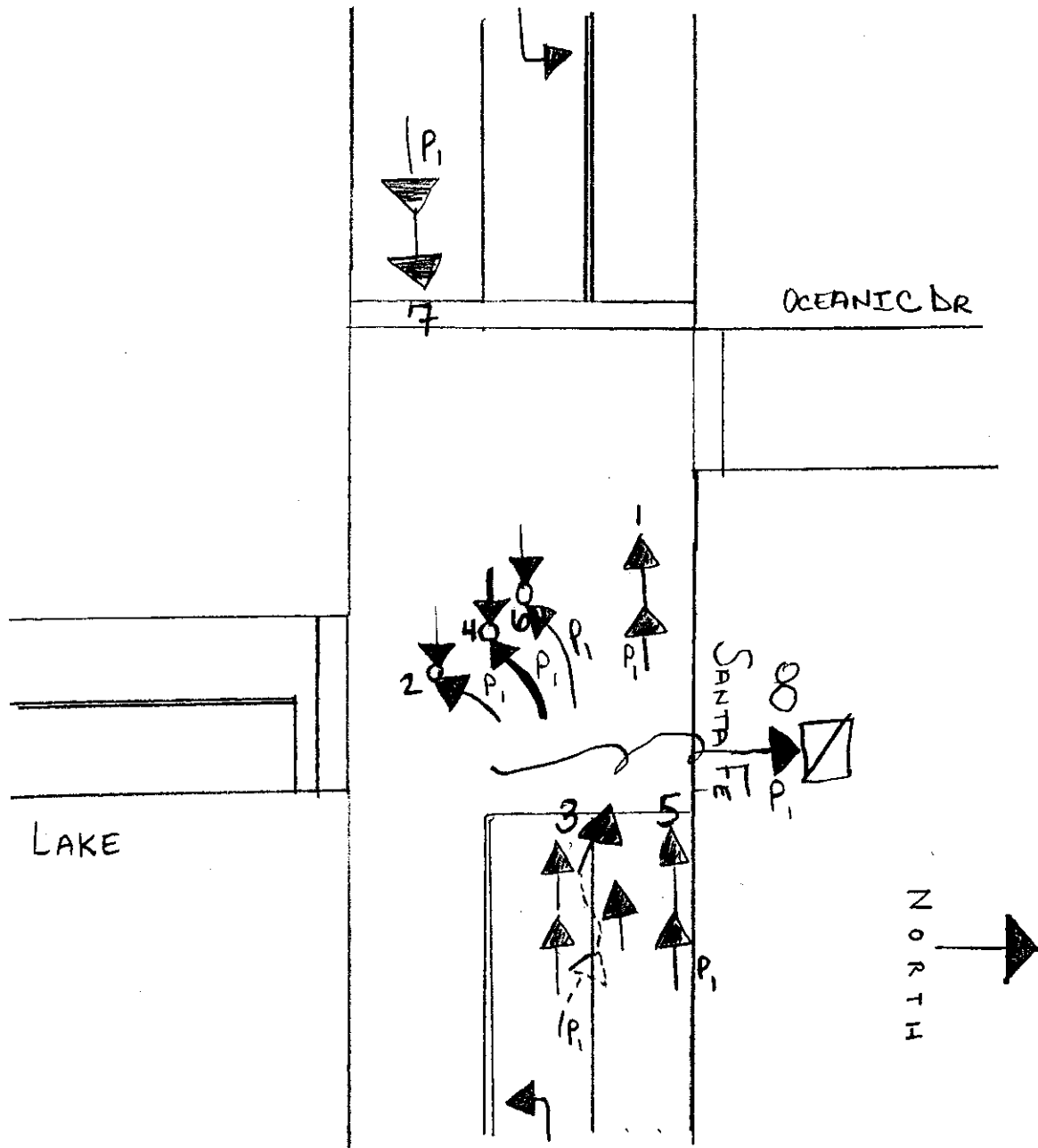
CALLE MAGDELANA

INTERSECTION OF SAN ELIJO AND CHESTERFIELD (2000-2002)

NO.	DATE	TIME	TYPE	VIOLATION	PRIMARY COLLISION FACTOR	OTHER
1	2/12/02	13:29	Head-On	21801(a)	Failure to Yield Right of Way	
2	3/31/02	21:44	Sideswipe	23152(a)(b)	DUI	Hit and Run
3	5/20/02	8:40	Broadside	21461(a)	Failure to Obey Traffic Signs	
4	5/28/02	15:00	Broadside	21801(a)	Failure to Yield Right of Way	
5	6/18/02	14:15	Rear End	23152(a)(b)	DUI	Injury
6	1/5/01	13:27	Rear End	21352	DUI	
7	1/26/01	10:26	Broadside	21803(a)	Failure to Yield to Oncoming Traffic	Injury
8	6/13/01	21:01	Head-On	21801(a)	Failure to Yield Right of Way	Injury
9	7/11/01	8:46	Head-On	21801(a)	Failure to Yield Right of Way	
10	7/29/01	20:40	Broadside	23152(a)(b)	DUI	Injury
11	11/26/01	7:56	Head-On	21801(a)	Failure to Yield Right of Way	
12	1/10/02	8:01	Head-On	21801(a)	Failure to Yield Right of Way	Injury
13	8/18/00	14:40	Broadside	21461(a)	Failure to Obey Traffic Signs	
14	12/21/00	13:31	Rear End	22350	Unsafe Speed	Injury



* = 4 ACCIDENTS OF THIS TYPE
 (7, 8, 9, 10)
 ** = 7 ACCIDENTS OF THIS TYPE
 (1, 2, 3, 4, 7, 11, 12)



**INTERSECTION OF SANTA FE AND LAKE (2000-2002)
PRIMARY COLLISION**

NO.	DATE	TIME	TYPE	VIOLATION	FACTOR	OTHER
1	2/13/02	15:06	Rear End	22350	Unsafe Speed	
2	4/29/02	16:32	Head-On	21801(a)	Failure to Yield Right of Way	Injury
3	11/5/02	8:39	Sideswipe	22350	Unsafe Speed	4 Vehicle Accident
4	12/13/02	19:39	Broadside	21801(a)	Failure to Yield Right of Way	Injury
5	3/26/01	13:54	Rear End	22350	Unsafe Speed	
6	7/31/01	11:17	Broadside	21801(a)	Failure to Yield Right of Way	Injury, Unlicensed Driver
7	1/24/00	10:08	Rear End	22350	Unsafe Speed	
8	12/18/00	2:24	Hit Object	23152	DUI	

INTERSECTION OF LEUCADIA AND I-5 N/B/PIRAEUS (2002)

PRIMARY COLLISION

NO.	DATE	TIME	TYPE	VIOLATION	FACTOR	OTHER
						Unsure Whether Accident Actually Occurred
1	1/19/02	11:26	Rear End	N/A	Not Determined	
2	3/29/02	7:45	Rear End	22350	Unsafe Speed	
3	5/7/02	20:13	Broadside	21453(a)	Red Light Violation	
4	5/22/02	15:20	Bicycle/Vehicle	21453(a)	Red Light Violation	Hit and Run, Injury
5	9/24/02	8:30	Rear End	22350	Unsafe Speed	
6	12/15/02	18:41	Rear End	23152(a)(b)	DUI	Hit and Run
Missing File						

INTERSECTION OF LEUCADIA AND I-5 S/B (2002)

PRIMARY COLLISION

NO.	DATE	TIME	TYPE	VIOLATION	FACTOR	OTHER
7	10/6/02	20:15	Rear End	22350	Unsafe Speed	Hit and Run
8	9/24/02	10:10	Broadside	21453(a)	Red Light Violation	P1 Thought Green at Orpheus was for I-5 S/B
9	8/18/02	3:30	Hit Object	23152(a)(b)	DUI	
10	7/22/02	9:49	Broadside	21453(a)	Red Light Violation	
11	7/13/02	6:28	Broadside	21453(b)	Red Light Violation	

INTERSECTION OF LEUCADIA AND I-5 N/B/PIRAEUS (2001)

PRIMARY COLLISION

NO.	DATE	TIME	TYPE	VIOLATION	FACTOR	OTHER
1	4/17/01	20:05	Sideswipe	21453(b)	Red Light Violation	Hit and Run
2	6/12/01	2:12	Hit Object	21352(a)	DUI	
3	7/17/01	13:39	Sideswipe	21755	Passing on the Right	
4	8/22/01	22:10	Broadside	21453(a)	Red Light Violation	
5	11/22/01	2:01	Broadside	23140	Underage DUI	Drove Wrong Way on Piraeus
6	12/1/01	22:00	Broadside	21452(a)	Red Light Violation	Hit and Run, Injury, Possible DUI

INTERSECTION OF LEUCADIA AND I-5 S/B (2001)

PRIMARY COLLISION

NO.	DATE	TIME	TYPE	VIOLATION	FACTOR	OTHER
7	4/8/01	6:47	Broadside	21453(a)	Red Light Violation	Unlicensed Driver
8	5/2/01	1:36	Sideswipe	23152(a)	DUI	
9	9/21/01	20:17	Rear End	23152(a)	DUI	4 Vehicle Pile Up

INTERSECTION OF LEUCADIA AND I-5 N/B/PIRAEUS (2000)

PRIMARY COLLISION

NO.	DATE	TIME	TYPE	VIOLATION	FACTOR	OTHER
1	9/3/00	15:41	Broadside	21453(a)	Red Light Violation	
2	9/8/00	16:30	Rear End	22106	Backing Up Unsafely	
3	9/9/00	14:23	Broadside	21453(a)	Red Light Violation	
4	11/1/00	22:09	Bicycle/Vehicle	21650.1	Riding a Bike Against Traffic	
5	11/6/00	8:31	Rear End	22350	Unsafe Speed	Injury

INTERSECTION OF LEUCADIA AND I-5 S/B (2000)

PRIMARY COLLISION

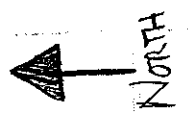
NO.	DATE	TIME	TYPE	VIOLATION	FACTOR	OTHER
6	2/22/00	16:37	Sideswipe	22350	Unsafe Speed	
7	5/3/00	17:50	Rear End	22350	Unsafe Speed	Injury
8	9/14/00	17:17	Rear End	22350	Unsafe Speed	
9	10/22/00	11:05	Rear End	23152(a)	DUI	Hit and Run, Injury
10	11/9/00	11:08	Sideswipe	22107		

Missing File

EXHIBIT 30

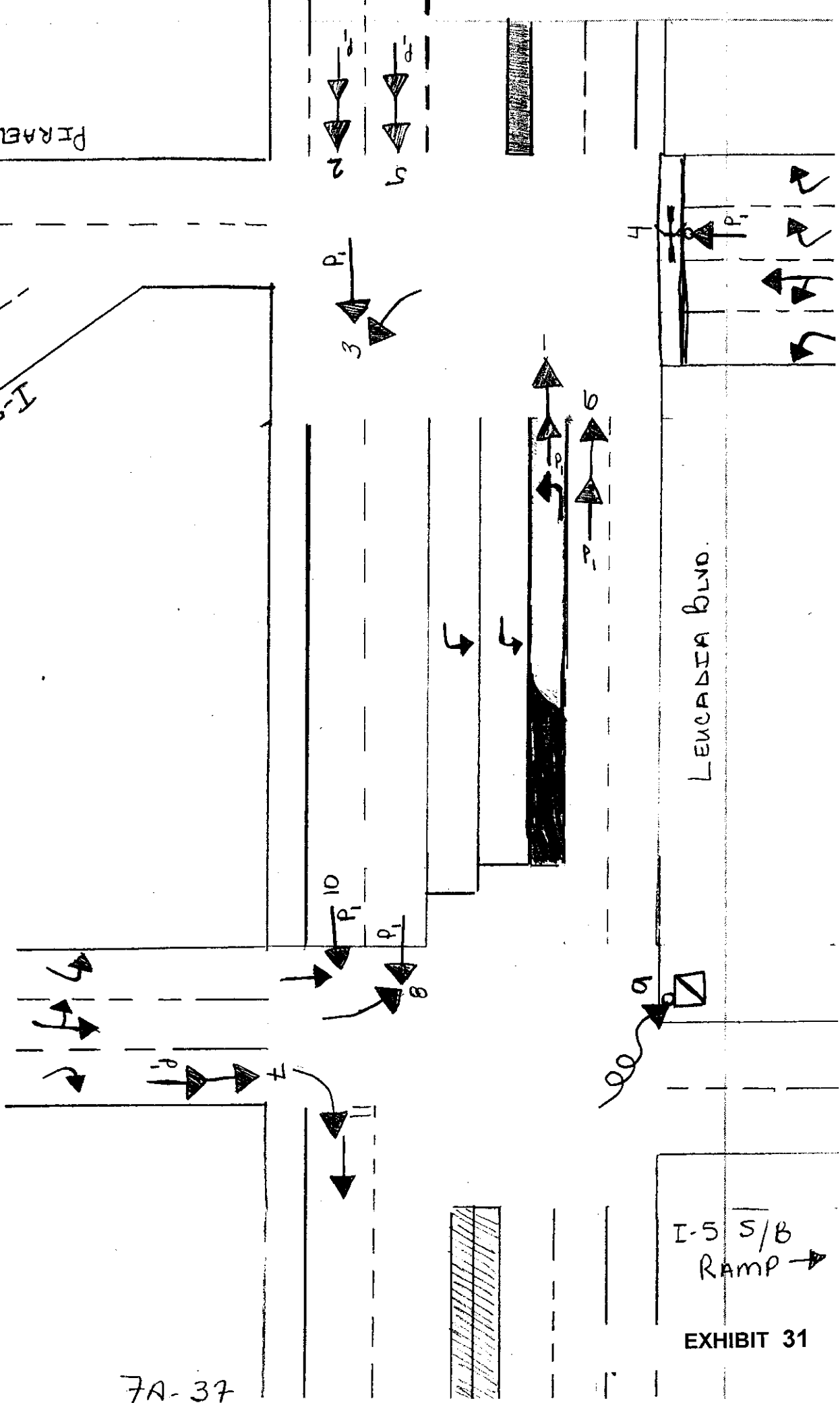
7A-36

LEUCADIA BLVD | I-5 / PIRAEUS 2002



PIRAEUS

I-5 NB Ramp



LEUCADIA BLVD.

I-5 S/B RAMP →

EXHIBIT 31

7A-37

LEUCADIA BLVD / I-5 / PIRAEUS 2001

7A-38



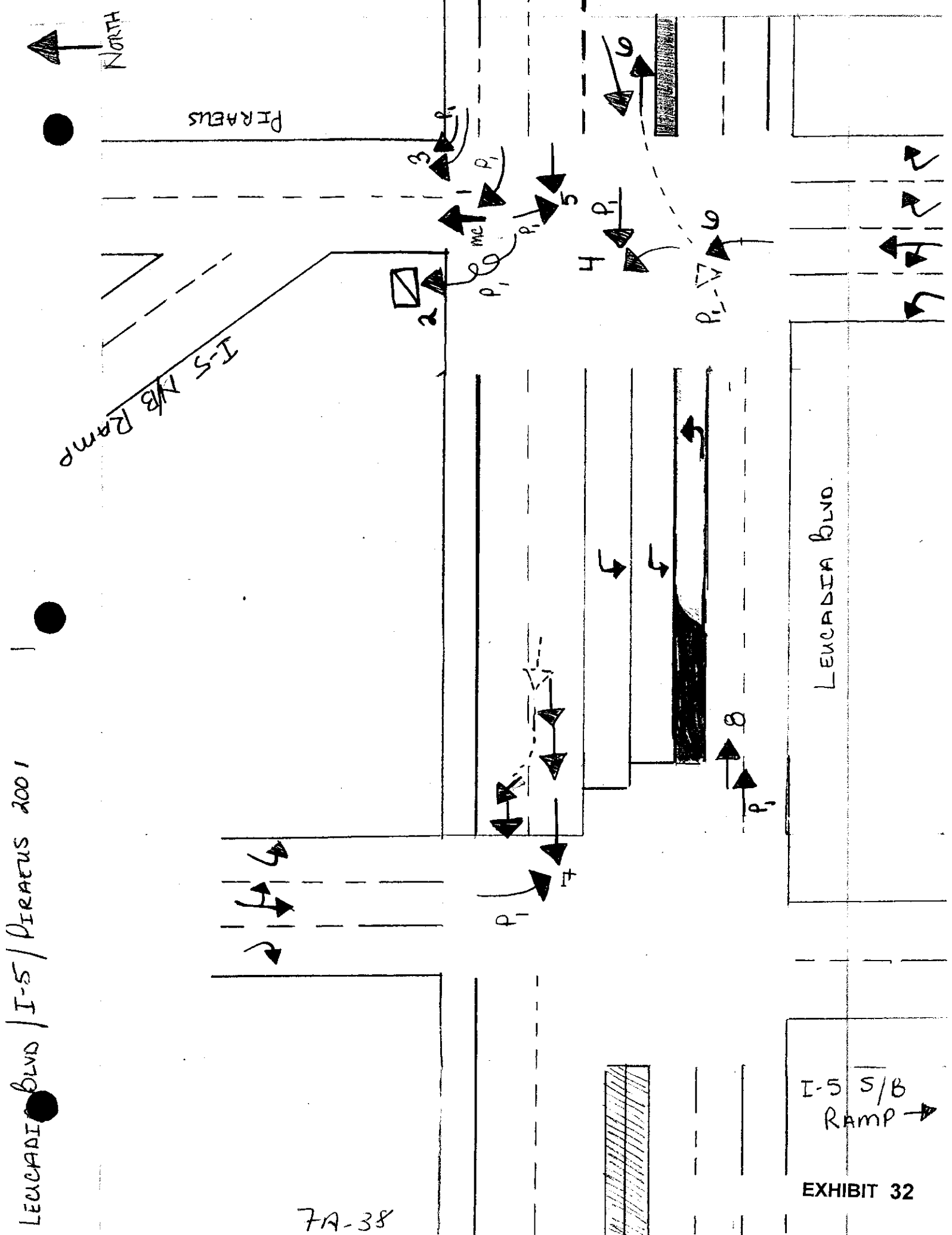
PIRAEUS

I-5 NB Ramp

LEUCADIA BLVD.

I-5 S/B RAMP →

EXHIBIT 32

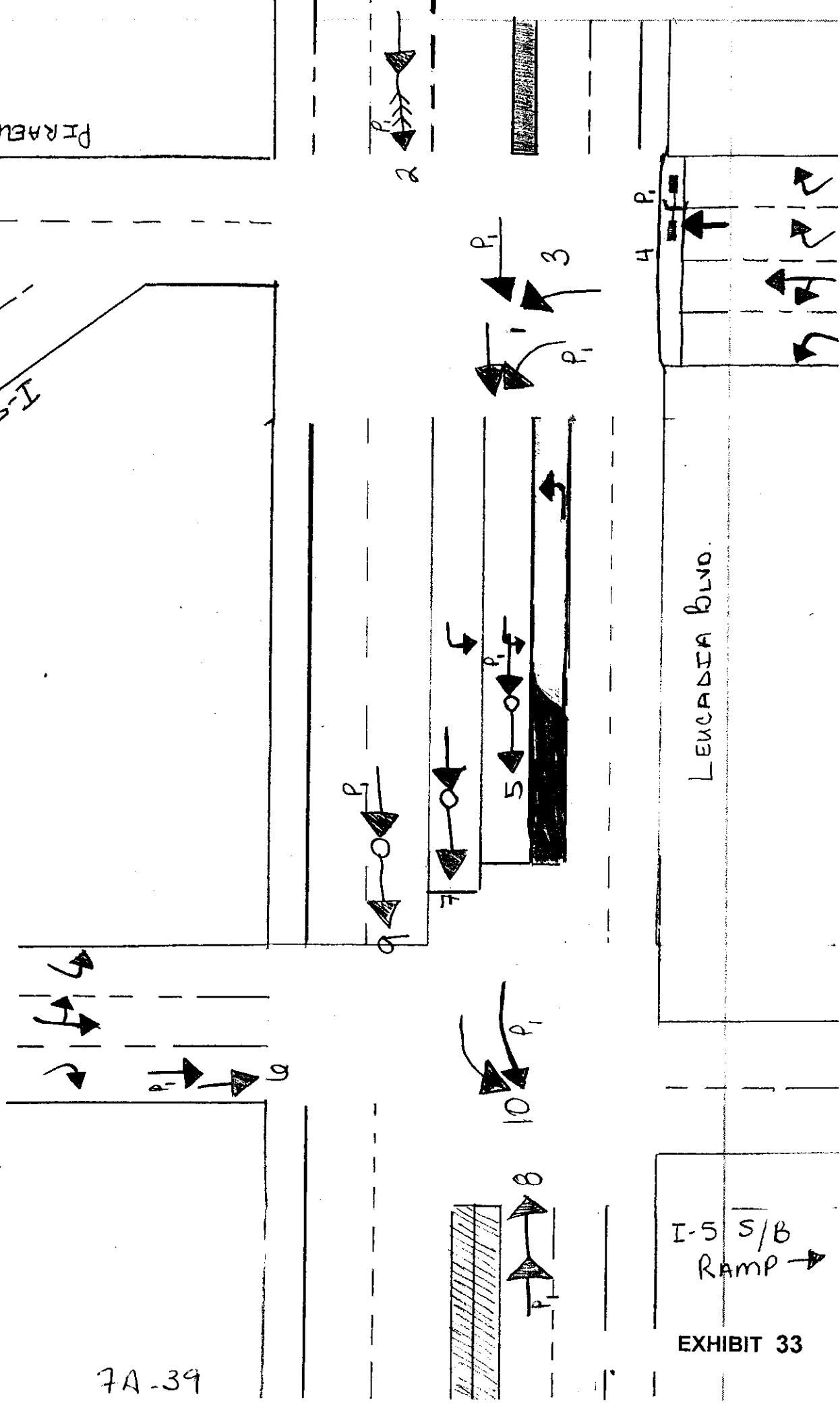


LEUCADIA BLVD / I-5 / PIRAEUS 2000



PIRAEUS

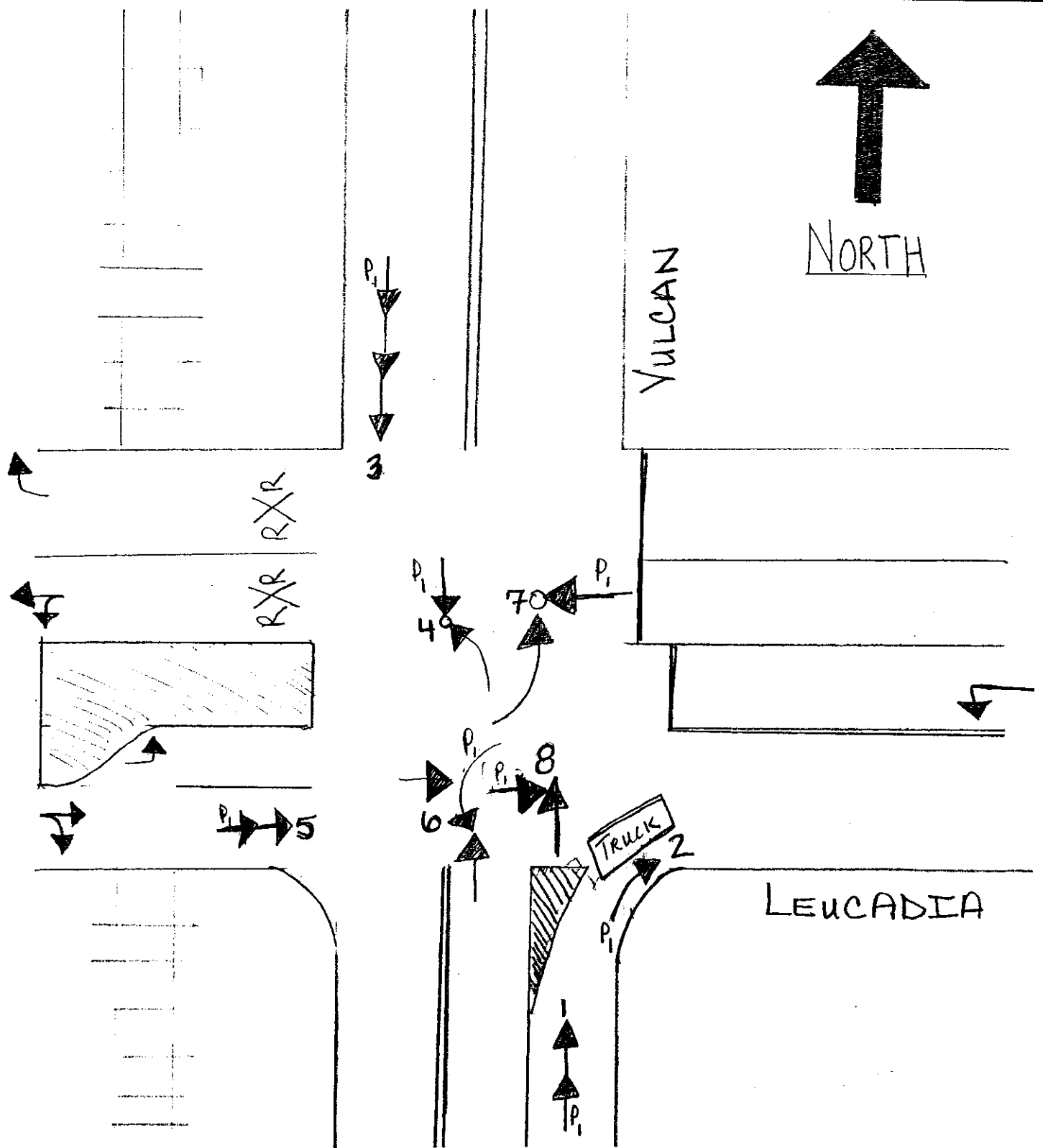
I-5 NB Ramp



7A-39

I-5 S/B RAMP →

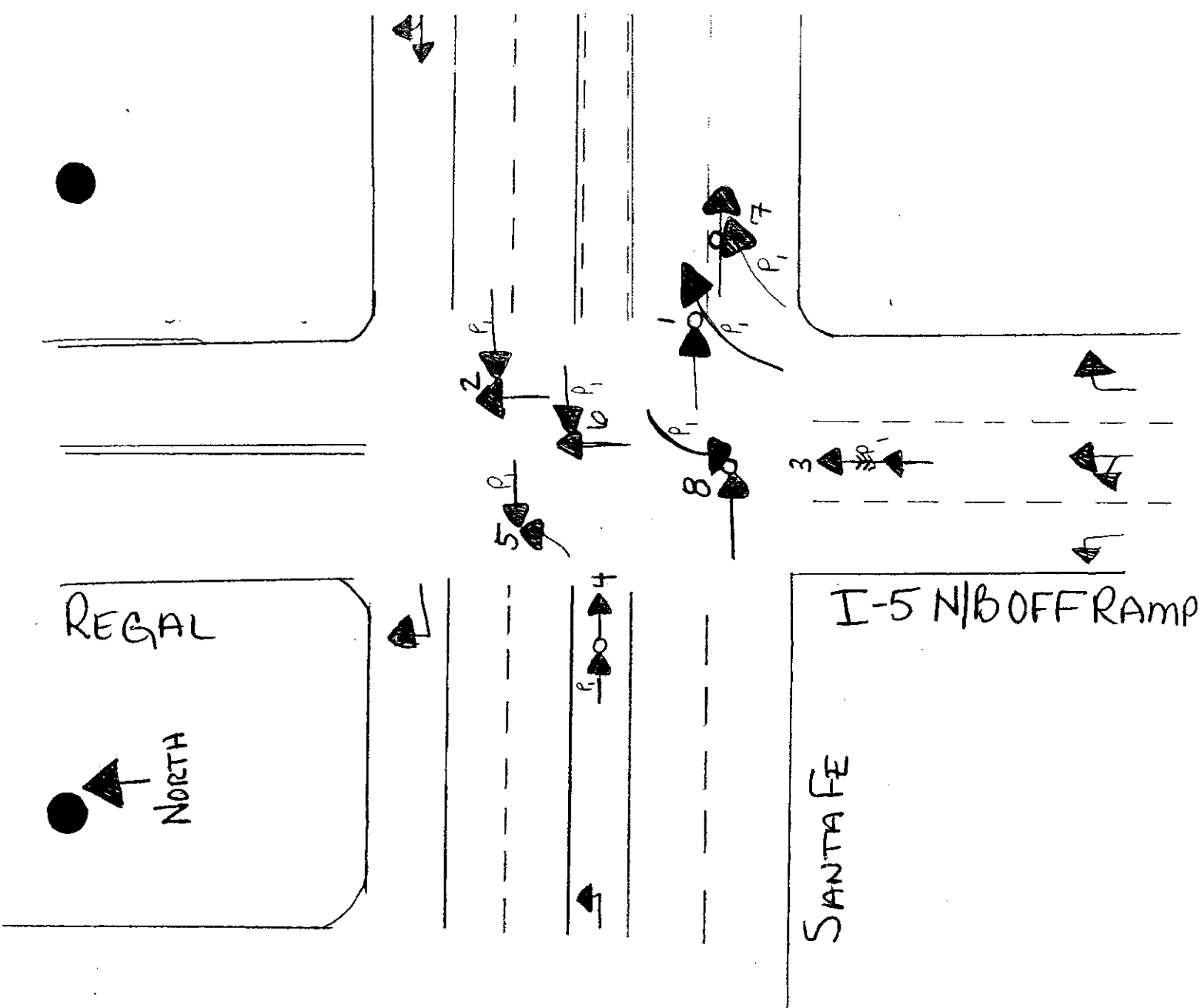
EXHIBIT 33



INTERSECTION OF LEUCADIA AND VULCAN (2000-2002)

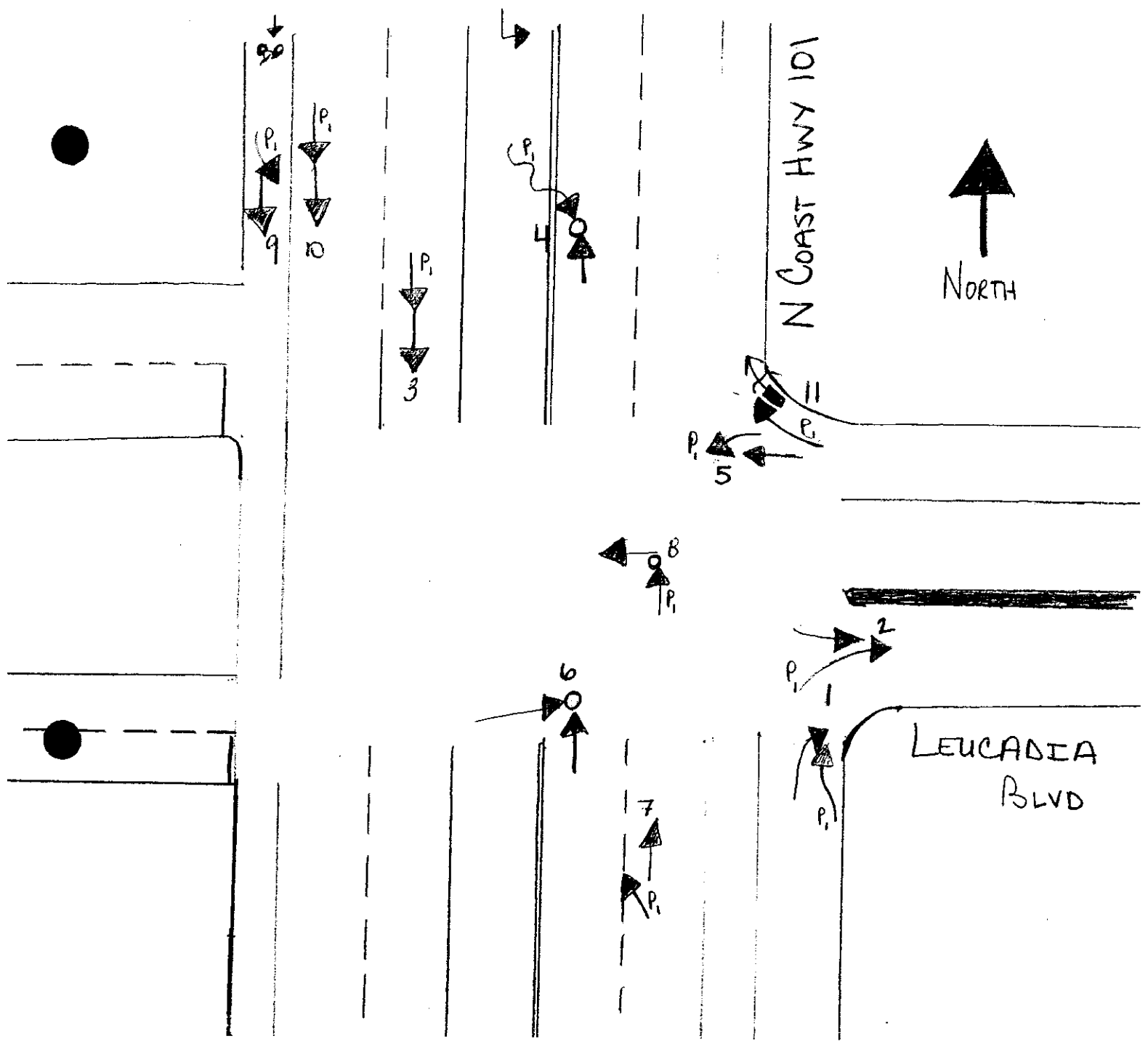
NO.	DATE	TIME	TYPE	VIOLATION	PRIMARY COLLISION FACTOR	OTHER
1	3/12/02	7:17	Rear End	22350	Unsafe Speed	
2	4/15/02	7:54	Sideswipe	21755	Unsafe Passing on Right	Raining
3	11/24/02	13:13	Rear End	21352(a)(b)	DUI	3 Vehicle Pile Up
4	11/29/02	13:13	Broadside	21453(a)	Red Light Violation	Hit and Run, Injury
5	3/23/01	21:52	Rear End	21703	Following Too Closely	
6	5/6/01	10:43	Head-On	21801(a)	Failure to Yield to Oncoming Traffic	3 Vehicle Pile Up
7	12/30/01	18:10	Broadside	21453(a)	Red Light Violation	Injury, Unlicensed Driver
8	2/13/00	18:58	Broadside	21453(a)	Red Light Violation	
9	9/22/00	14:04	Rear End	22350	Unsafe Speed	3 Vehicle Pile Up, Injury

7A-40



INTERSECTION OF SANTA FE AND I-5 N/B/REGAL(2000-2002)

<u>NO.</u>	<u>DATE</u>	<u>TIME</u>	<u>TYPE</u>	<u>VIOLATION</u>	<u>PRIMARY COLLISION FACTOR</u>	<u>OTHER</u>
1	8/9/2002	14:55	Rear End	21453	Red Light Violation	Injury
2	1/19/2002	6:45	Broadside	21453	Red Light Violation	Hit and Run
3	6/30/2001	15:50	Rear End	22106	Unsafe Backing	Hit and Run
4	8/8/2001	18:15	Rear End	22350	Unsafe Speed	Injury
5	1/25/2000	15:54	Broadside	21453	Red Light Violation	
6	4/11/2000	23:12	Broadside	21453	Red Light Violation	
7	6/6/2000	22:19	Sideswipe	22500	Stopping Without Hazard Lights	Injury
8	8/7/2000	22:26	Broadside	22100.5	Failure to Yield Right of Way	Injury



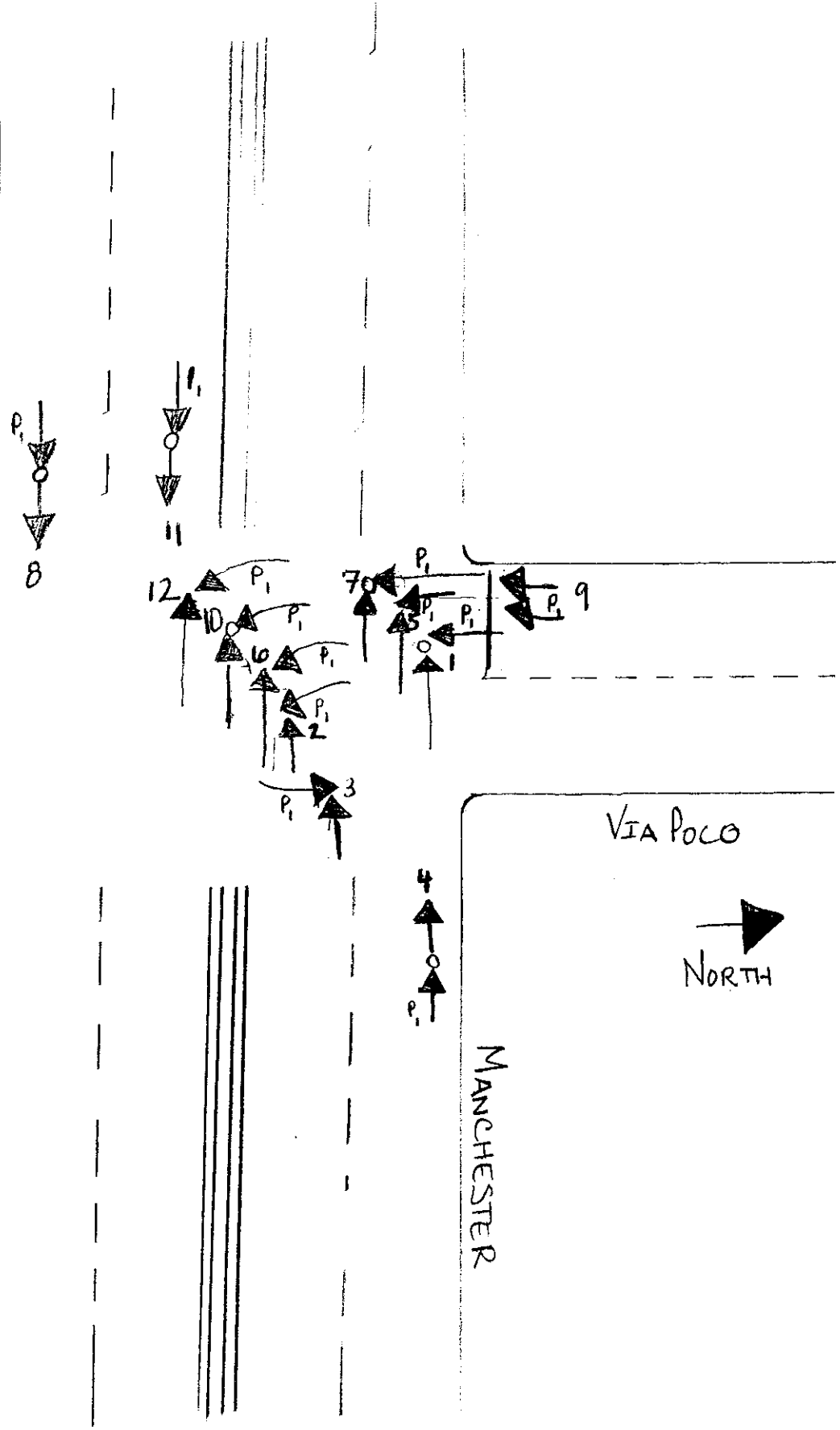
INTERSECTION OF N COAST HWY 101 AND LEUCADIA BLVD (2000-2002)

<u>NO.</u>	<u>DATE</u>	<u>TIME</u>	<u>TYPE</u>	<u>VIOLATION</u>	<u>PRIMARY COLLISION FACTOR</u>	<u>OTHER</u>
1	1/13/02	16:18	Broadside	21352(a)	DUI	
2	6/10/02	17:44	Rear End	21435(b)	Red Light Violation	
3	12/3/02	15:00	Rear End	22350	Unsafe Speed	
4	1/9/01	7:38	Head-On	22350	Unsafe Speed	Injury
5	3/11/01	16:42	Sideswipe	22100	Unsafe Left Turn Movement	
6	3/21/01	21:00	Broadside	Unknown	Unknown	Injury
7	5/14/00	15:11	Sideswipe	22350	Unsafe Speed	
8	6/25/01	23:45	Broadside	23152(a)	DUI	Injury
9	5/3/00	17:34	Sideswipe	22106	Unsafe Turning Movement	Hit and Run
10	10/6/00	16:02	Rear End	22350	Unsafe Speed	Hit and Run
11	11/3/00	16:57	Bicycle/Vehicle	22107	Unsafe Turning Movement	Hit and Run

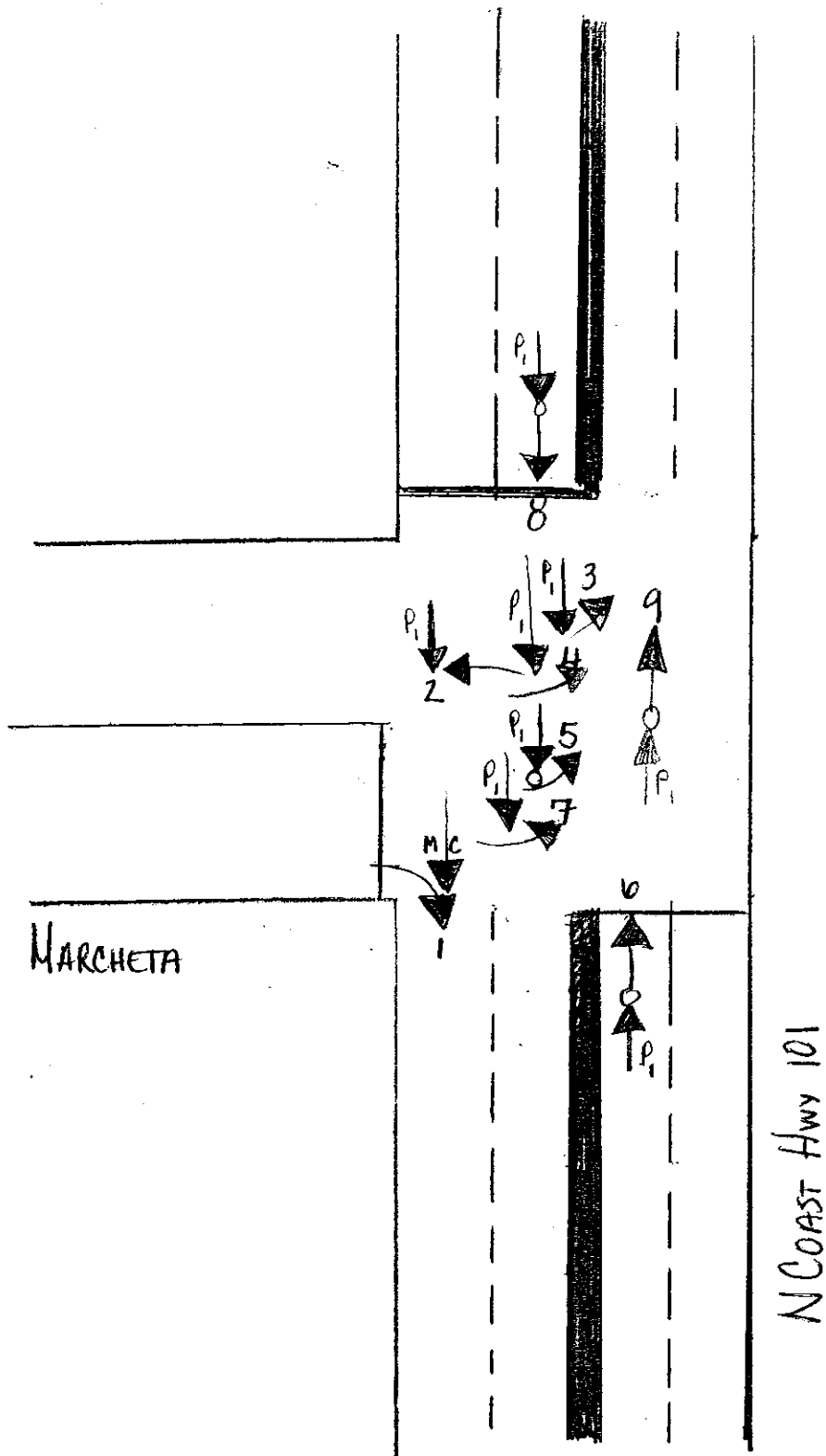
7A-42

INTERSECTION OF MANCHESTER AVE AND VIA POCO (2000-2002)

NO.	DATE	TIME	TYPE	VIOLATION	PRIMARY COLLISION FACTOR	OTHER
1	6/10/2002	16:15	Broadside	21801(a)	Failure to Yield to Traffic	Injury, Unlicensed Driver
2	6/17/2002	9:06	Broadside	21801(a)	Failure to Yield to Traffic	
3	7/6/2002	18:03	Broadside	21801(a)	Failure to Yield to Traffic	
4	11/1/2002	19:04	Rear End	22350	Unsafe Speed	Injury
5	12/30/2002	13:30	Broadside	21804(a)	Failure to Yield to Traffic	Injury
6	4/30/2001	7:23	Broadside	21802(a)	Failure to Yield to Traffic	
7	5/29/2001	8:26	Broadside	21802(a)	Failure to Yield to Traffic	Injury
8	6/23/2001	16:55	Rear End	22350	Unsafe Speed	Injury
9	7/3/2001	13:38	Sideswipe	22100(a)	Unsafe Turning	Hit and Run
10	12/14/2001	11:35	Broadside	21802(a)	Failure to Yield to Traffic	Injury
11	4/8/2000	12:30	Rear End	22350	Unsafe Speed	Injury
12	12/5/2000	8:28	Broadside	21802(a)	Failure to Yield to Traffic	Injury



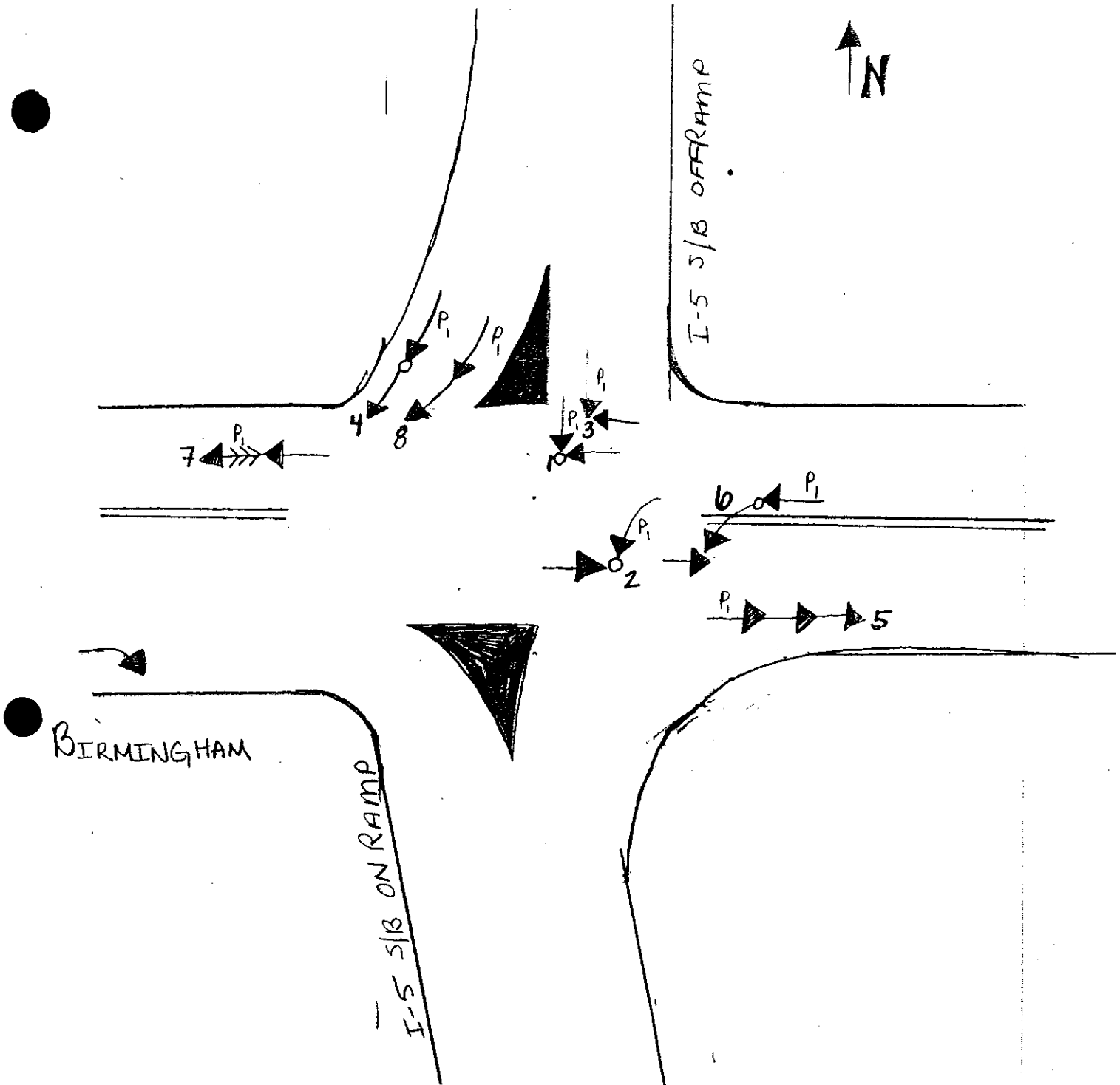
7A-43



INTERSECTION OF N COAST HWY 101 AND MARCHETA (2000-2002)

NO.	DATE	TIME	TYPE	VIOLATION	PRIMARY COLLISION FACTOR	OTHER
1	4/18/2002	7:30	Broadside	Unknown	Unknown	
2	5/17/2002	16:42	Broadside	21802(a)	Failure to Yield to Traffic	
3	7/26/2002	11:40	Broadside	22450(a)	Failure to Stop at Limit Line	
	8/21/2002	17:36	Broadside	22450(a)	Failure to Stop at Limit Line	
5	11/21/2002	8:12	Broadside	21801(a)	Failure to Yield to Traffic	Injury
6	3/5/2001	20:09	Rear End	22350	Unsafe Speed	Injury
7	8/3/2001	12:55	Sideswipe	21802(a)	Failure to Yield to Traffic	
8	8/2/2000	17:17	Rear End	22350	Unsafe Speed	Injury
9	9/29/2000	23:30	Rear End	23152(a)	DUI	Injury

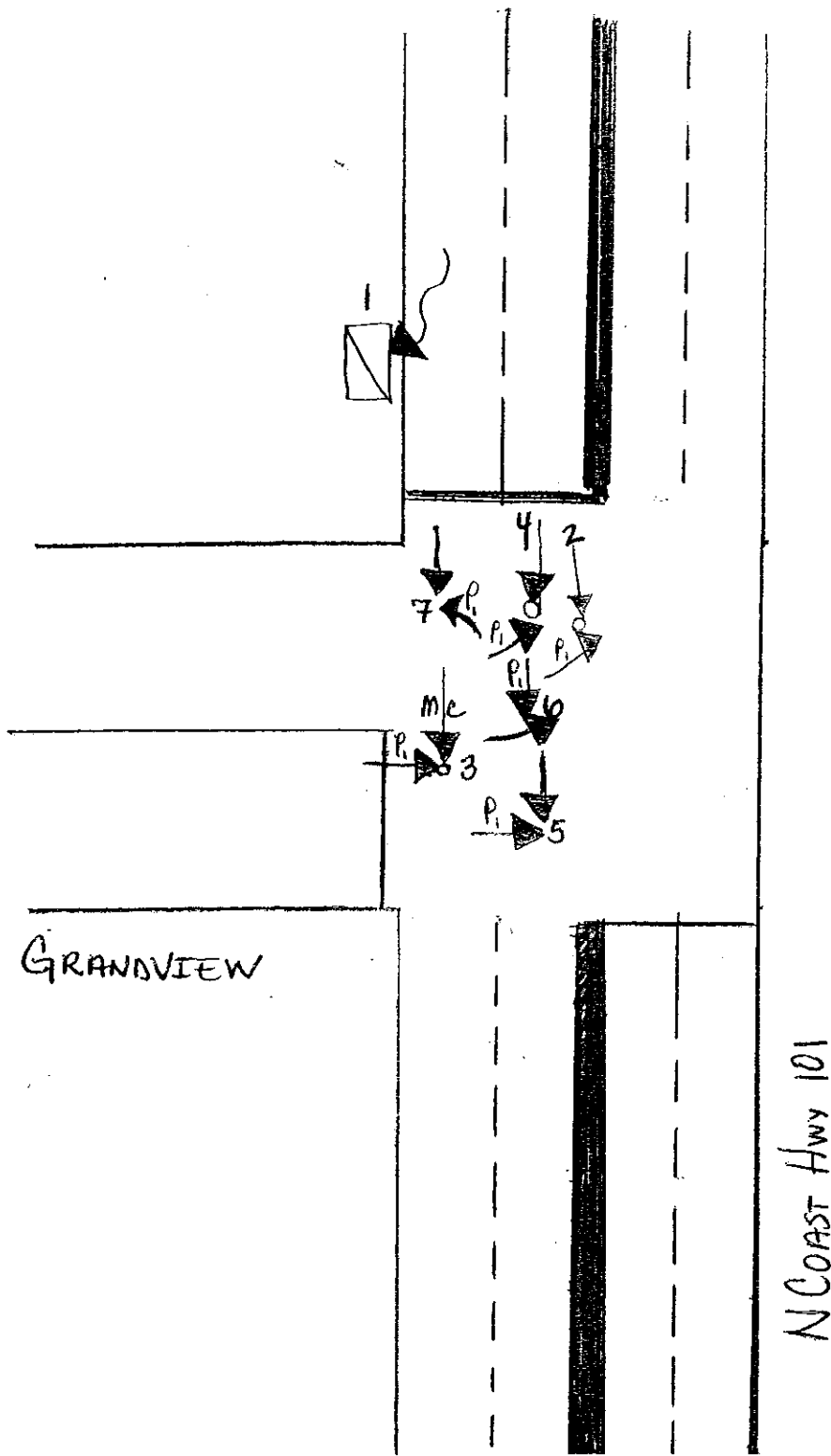
7A-44



INTERSECTION OF BIRMINGHAM AND I-5 S/B (2000-2002)

<u>NO.</u>	<u>DATE</u>	<u>TIME</u>	<u>TYPE</u>	<u>VIOLATION</u>	<u>PRIMARY COLLISION FACTOR</u>	<u>OTHER</u>
1	5/14/2002	19:55	Broadside	21802(a)	Failure to Yield to Traffic	Injury
2	2/1/2001	7:47	Broadside	22107	Failure to Yield to Traffic	Injury
3	5/27/2001	23:34	Broadside	23152(a)	DUI	
4	8/8/2001	9:42	Rear End	22350	Unsafe Speed	Injury
5	2/22/2000	14:45	Rear End	22350	Unsafe Speed	3 Vehicle Pile Up
6	5/31/2000	13:00	Rear End	22350	Unsafe Speed	Injury, 3 Vehicle Pile Up
7	6/24/2000	15:00	Rear End	22350	Unsafe Speed	Hit and Run
8	8/27/2000	11:59	Rear End	22350	Unsafe Speed	

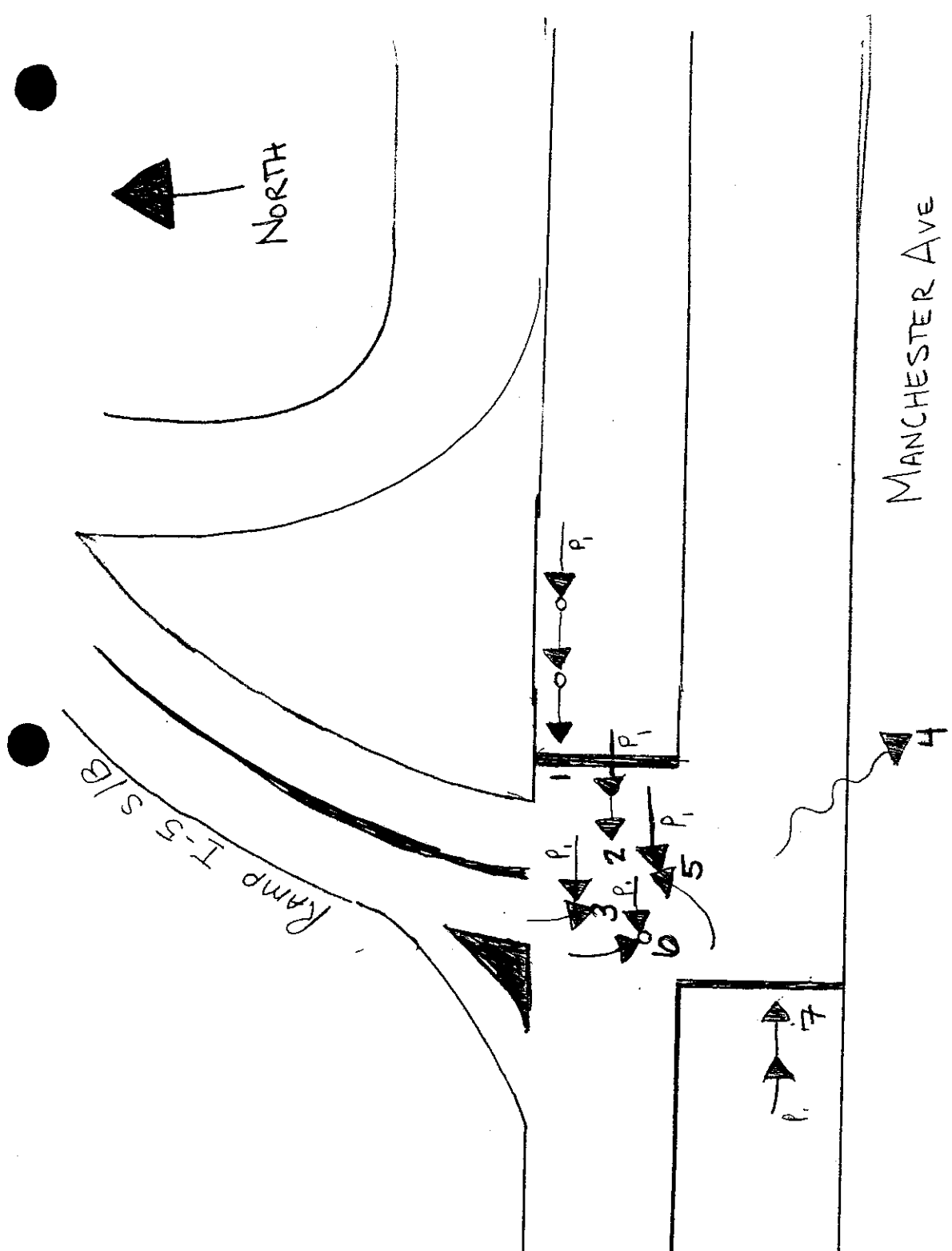
7A-45



INTERSECTION OF N COAST HWY 101 AND GRANDVIEW (2000-2002)

NO.	DATE	TIME	TYPE	VIOLATION	PRIMARY COLLISION	
					FACTOR	OTHER
1	03/03/2002	3:48	Hit Object	22350	Unsafe Speed	Vehicle Theft, Police Chase
2	05/30/2002	9:38	Broadside	21801(a)	Failure to Yield	Injury
3	06/08/2002	16:19	Non-Collision	21801(a)	Failure to Yield	Vehicle Crossed into Lane, Motorcycle Laid Down to Avoid, Injuri
4	06/15/2002	13:54	Broadside	21802(a)	Failure to Yield	Injury
5	11/26/2002	15:45	Broadside	21802(a)	Failure to Yield	
6	08/19/2000	17:52	Broadside	21802(a)	Failure to Yield	
7	09/19/2000	16:10	Broadside	21801(a)	Failure to Yield	Hit and Run

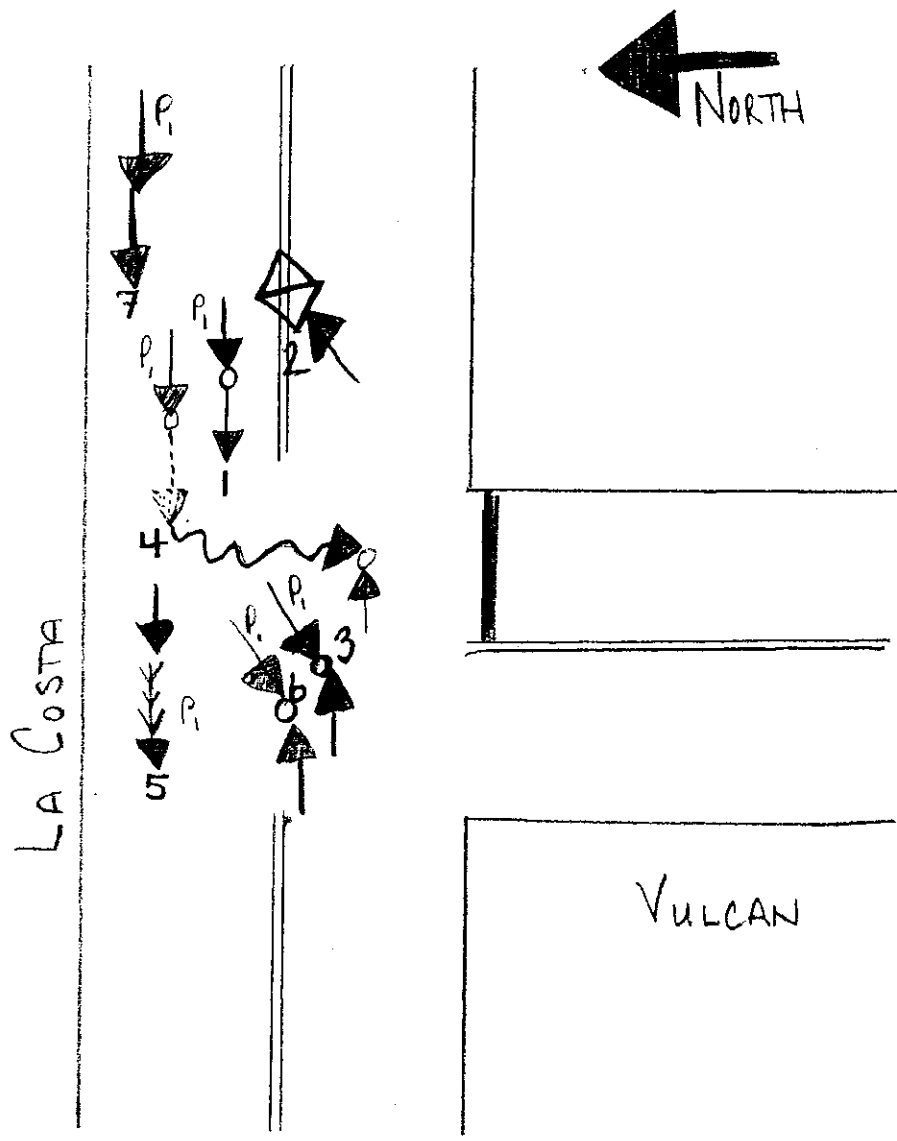
7A-46



INTERSECTION OF I-5 S/B ON RAMP AND MANCHESTER (2000-2002)

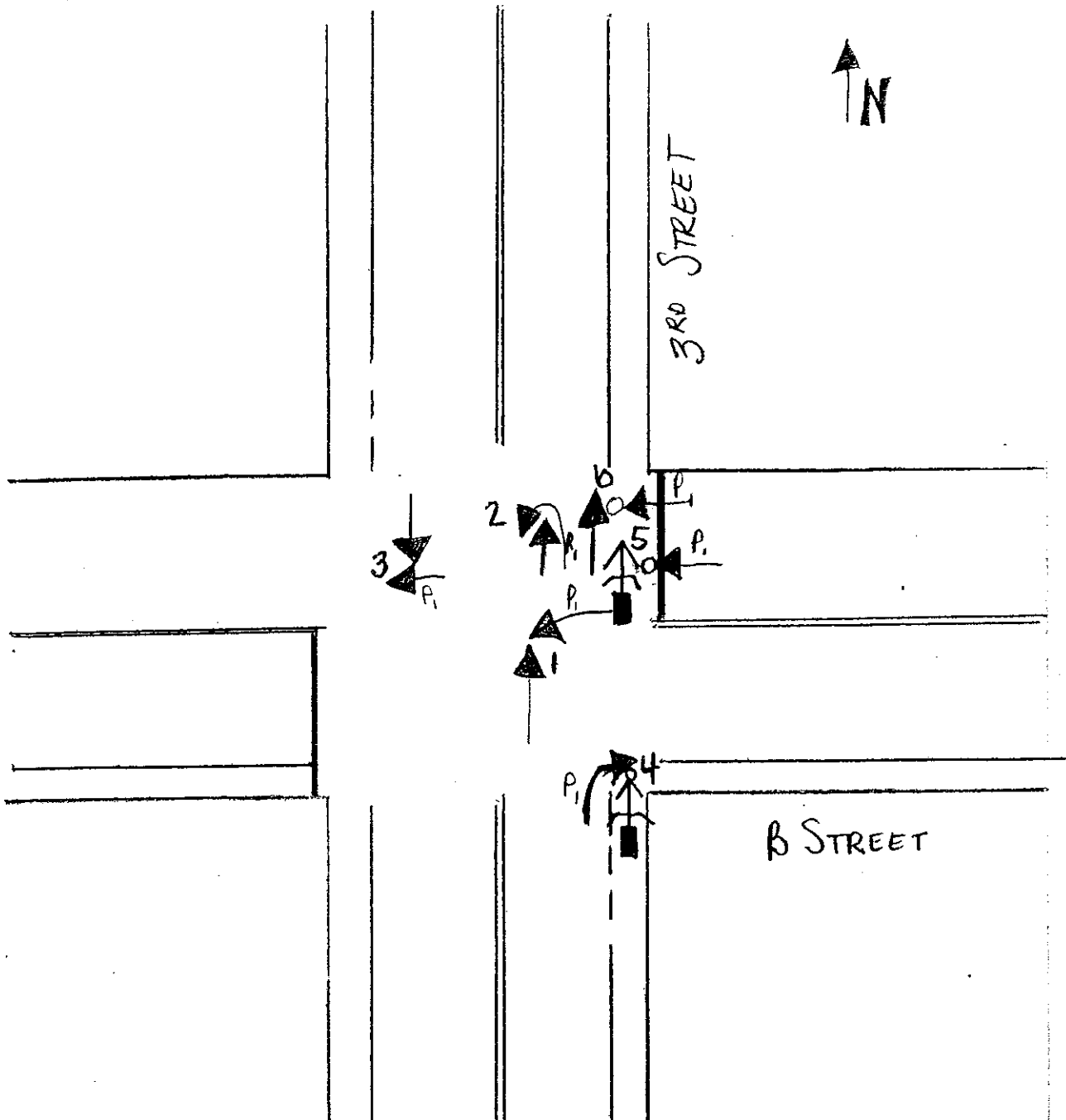
<u>Q.</u>	<u>DATE</u>	<u>TIME</u>	<u>TYPE</u>	<u>VIOLATION</u>	<u>PRIMARY COLLISION FACTOR</u>	<u>OTHER</u>
1	10/8/2002	9:58	Rear End	22350	Unsafe Speed	Injury, 3 Vehicle Pile Up
2	12/26/2002	18:53	Rear End	23152	DUI	
3	1/16/2001	11:19	Broadside	22450	Failure to Stop at Limit Line	
4	1/16/2000	12:15	Overtaken	22350	Unsafe Speed	Raining
5	2/8/2000	13:11	Broadside	22450	Failure to Stop at Limit Line	
6	2/25/2000	11:00	Broadside	21802(a)	Failure to Stop	Injury
7	4/29/2000	18:14	Rear End	23152	DUI	

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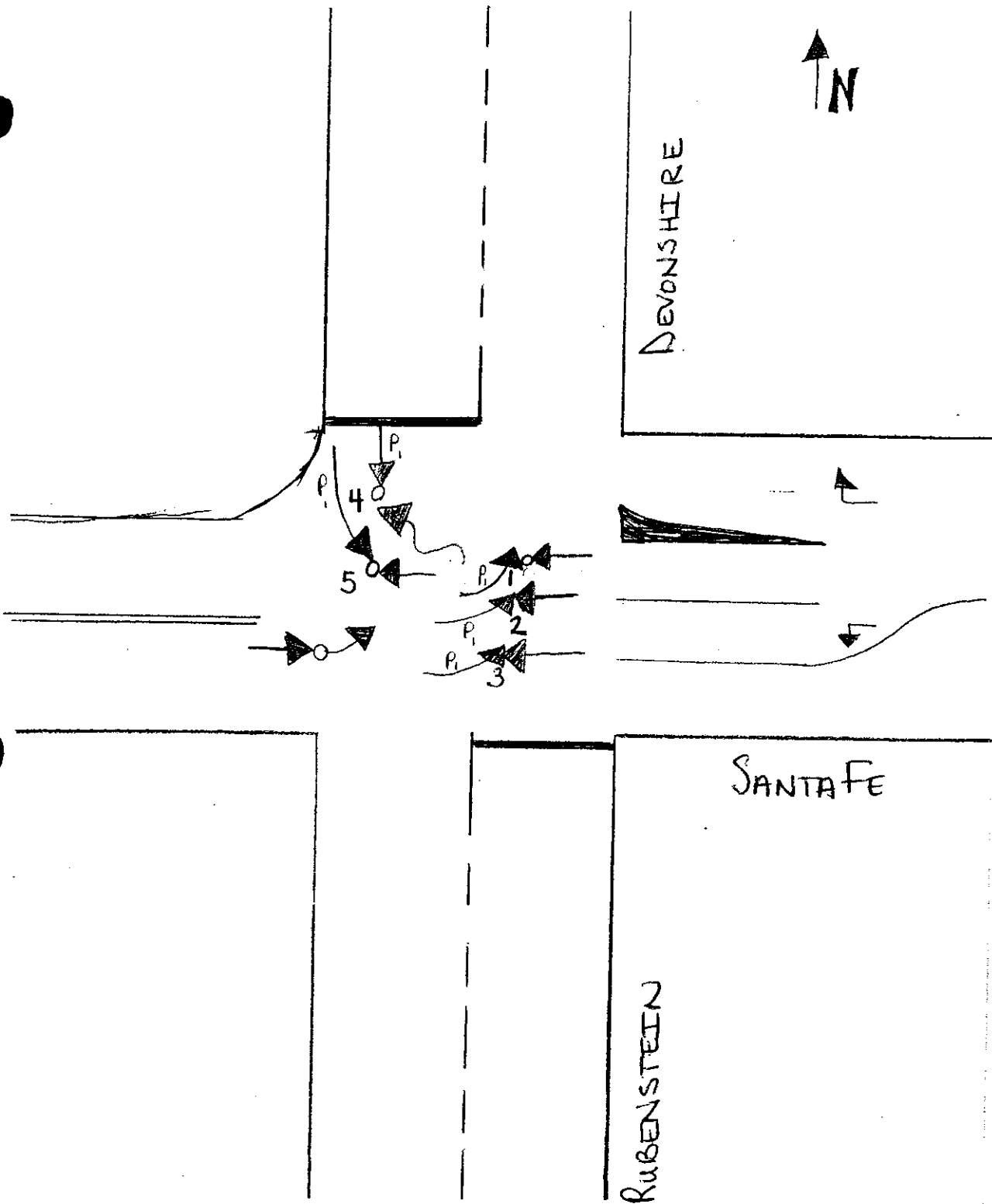
INTERSECTION OF LA COSTA AND VULCAN (2000-2002)

<u>NO.</u>	<u>DATE</u>	<u>TIME</u>	<u>TYPE</u>	<u>VIOLATION</u>	<u>PRIMARY COLLISION FACTOR</u>	<u>OTHER</u>
1	1/12/01	15:07	Rear End	22350	Unsafe Speed	Injury
2	2/16/01	22:44	Hit Object	23152	DUI	Injury
3	6/18/01	7:45	Head-On	21801(a)	Failure to Yield to Traffic	Injury
4	11/8/01	16:54	Rear End	22350	Unsafe Speed	Injury, 3 Vehicle Collision
5	1/12/00	8:15	Rear End	Unknown	Unknown	
6	2/14/00	10:05	Head-On	21801(a)	Failure to Yield to Traffic	Injury, Raining
7	5/22/00	7:40	Rear End	22350	Unsafe Speed	



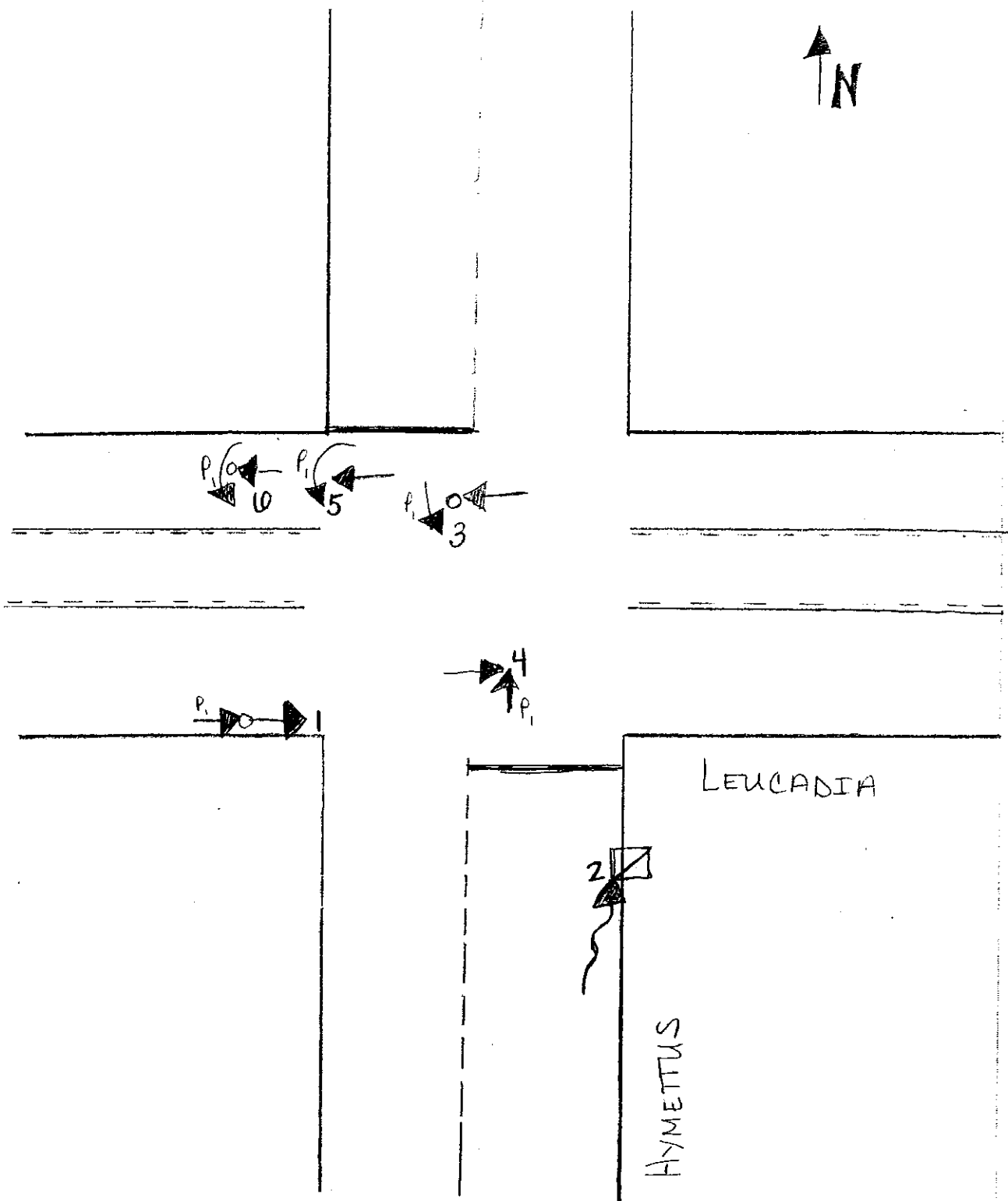
INTERSECTION OF 3RD STREET AND B STREET (2000-2002)

<u>NO.</u>	<u>DATE</u>	<u>TIME</u>	<u>TYPE</u>	<u>VIOLATION</u>	<u>PRIMARY COLLISION FACTOR</u>	<u>OTHER</u>
1	1/21/2002	12:33	Broadside	21801(a)	Failure to Yield	
2	12/12/2002	6:42	Broadside	21802(a)	Failure to Yield	Injury
3	8/16/2002	14:36	Broadside	21802	Failure to Yield	
4	2/11/2000	14:17	Bicycle/Vehicle	22107	Unsafe Turning Movement	Injury
5	2/27/2000	18:05	Bicycle/Vehicle	21802	Failure to Yield	Injury
6	3/28/2000	17:18	Broadside	21802	Failure to Yield	Injury



INTERSECTION OF DEVONSHIRE AND SANTA FE (2000-2002)

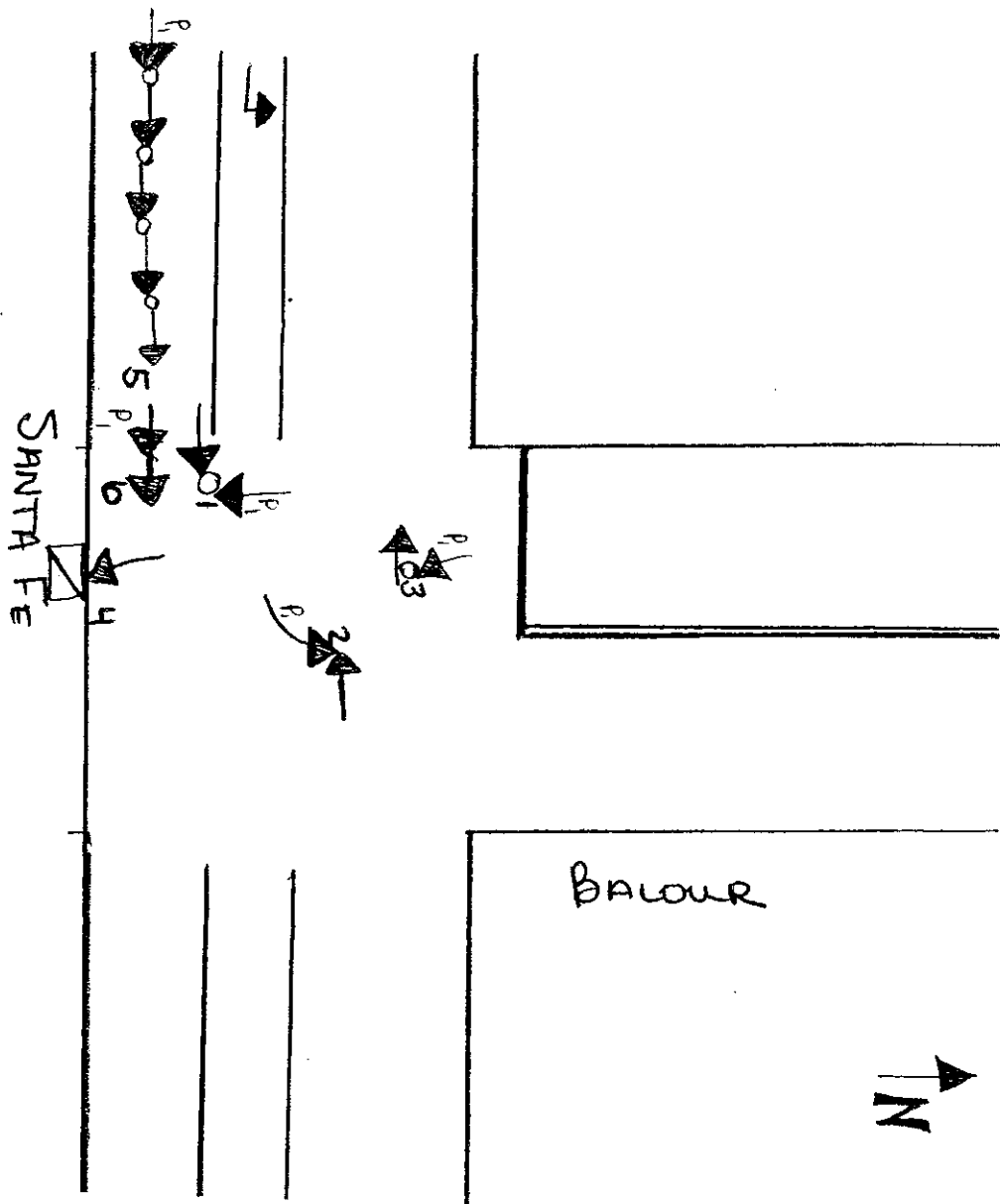
NO.	DATE	TIME	TYPE	VIOLATION	PRIMARY COLLISION FACTOR	OTHER
1	1/26/2002	15:37	Head-On	21801(a)	Failure to Yield	Injury
2	2/2/2002	19:04	Broadside	21801(a)	Failure to Yield	
3	9/19/2001	13:36	Broadside	21801(a)	Failure to Yield	
4	10/30/2001	12:19	Head-On	21801(a)	Failure to Yield	
5	11/30/2001	19:04	Broadside	21801(a)	Failure to Yield	Injury
6	8/1/2000	16:09	Rear End	22350	Unsafe Speed	Injury Injury Injury, Hit and Run



INTERSECTION OF HYMETTUS AND LEUCADIA (2000-2002)

NO.	DATE	TIME	TYPE	VIOLATION	PRIMARY COLLISION FACTOR	OTHER
1	9/10/2002	7:28	Rear End	22350	Unsafe Speed	Injury
2	4/11/2001	14:41	Hit Object	22107	Failure to Maintain Control of Vehicle	Hit and Run
3	11/7/2001	7:09	Broadside	21802(a)	Failure to Yield	Injury
4	4/18/2000	15:15	Broadside	21802(a)	Failure to Yield	Hit and Run
5	11/11/2000	14:48	Broadside	22103	Failure to Yield When Making a U-Turn	
	12/12/2000	19:04	Broadside	22103	Failure to Yield When Making a U-Turn	Injury

EXHIBIT 45



INTERSECTION OF SANTA FE AND BALOUR (2000-2002)

<u>NO.</u>	<u>DATE</u>	<u>TIME</u>	<u>TYPE</u>	<u>VIOLATION</u>	<u>PRIMARY COLLISION FACTOR</u>	<u>OTHER</u>
1	2/20/2001	15:21	Bicycle/Vehicle	21802(a)	Failure to Yield	Injury
2	6/9/2001	17:39	Head-On	21801(a)	Failure to Yield	Injury
3	7/20/2001	17:32	Broadside	21802(a)	Failure to Yield	
4	7/10/2001	13:55	Hit Object	23152	DUI	Injury
5	5/8/2002	15:45	Rear End	21703	Following Too Closely	Hit and Run
6	1/16/2000	11:30	Rear End	22350	Unsafe Speed	Injury, 5 Car Pile Up Hit and Run

EXHIBIT 46

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