

CITY OF WEST HOLLYWOOD
DEPARTMENT OF PUBLIC WORKS
Engineering and Traffic Survey, October 2016

Doheny Drive between Sunset Boulevard and Santa Monica Boulevard

This engineering and traffic survey (E&TS) was prepared for the segment of Doheny Drive between Sunset Boulevard and Santa Monica Boulevard for the northbound direction. The southbound direction of this Doheny Drive segment is under the jurisdiction of Beverly Hills. This E&TS is prepared in accordance with California Vehicle Code (CVC) Section 627, and is required under CVC 40802 if speed limits are to be enforced by radar or any other electronic device that measures the speed of moving objects. CVC 40802 requires speed zones to be evaluated on a recurring basis to avoid being a "speed trap". If the E&TS is more than 5 years old, courts may reject evidence of speeding obtained through radar or other electronic devices. Engineering and traffic surveys may be up to 7 years old if conditions under CVC 40802(c)(1) related to enforcement training and equipment certification have been met.

Doheny Drive is classified as a collector street in the City of West Hollywood General Plan. The adjacent land use is high-density residential. The street has parallel on-street parking on both sides of the street.

The posted speed limit is 35 mph based on a 2011 E&TS. Speed data collected on April 11, 2016 revealed the 85th percentile speed to be 38 mph.

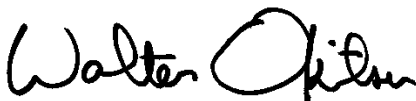
CVC 21400(b) requires the local authority to round speed limits to the nearest five miles per hour of the 85th percentile of the free-flowing traffic. However, in cases in which the speed limit needs to be rounded up to the nearest five miles per hour increment of the 85th-percentile speed, the local authority may instead optionally round down the speed limit to the lower five miles per hour increment, but then the local authority shall not reduce the speed limit any further for any reason. This round-down option is described under Option 2 in the California Manual of Uniform Traffic Devices, Section 2B.13 Paragraph 12a. This engineering and traffic survey recommends applying the Option 2 round-down thereby retaining the existing 35 mph speed limit.

Application of the CVC 21400(b) Option 2 round-down precludes further reduction in the speed limit. Nevertheless, the following are provided to fulfill the requirements of CVC 627(b):

- Accident Records: The expected collision rate on a 2-lane highway is 1.98 per million vehicle miles (MVM). With 25 collisions recorded over a two-year period and 8,524 average daily traffic, the collision rate has been 6.18 per MVM, which exceeds the expected rate.
- Highway, traffic, and roadside conditions not readily apparent to the driver: No downward speed zoning is recommended based on highway, traffic, and roadside conditions not readily apparent to the driver.

Recommendation

Based on prevailing speeds rounded down per Option 2, the existing posted speed limit of 35 mph should be retained.



Walter Okitsu, P.E.
Registered Traffic Engineer, Calif. TE 1406

APPENDIX D: Spot Speed Studies

Spot Speed Study

Prepared by: National Data & Surveying Services

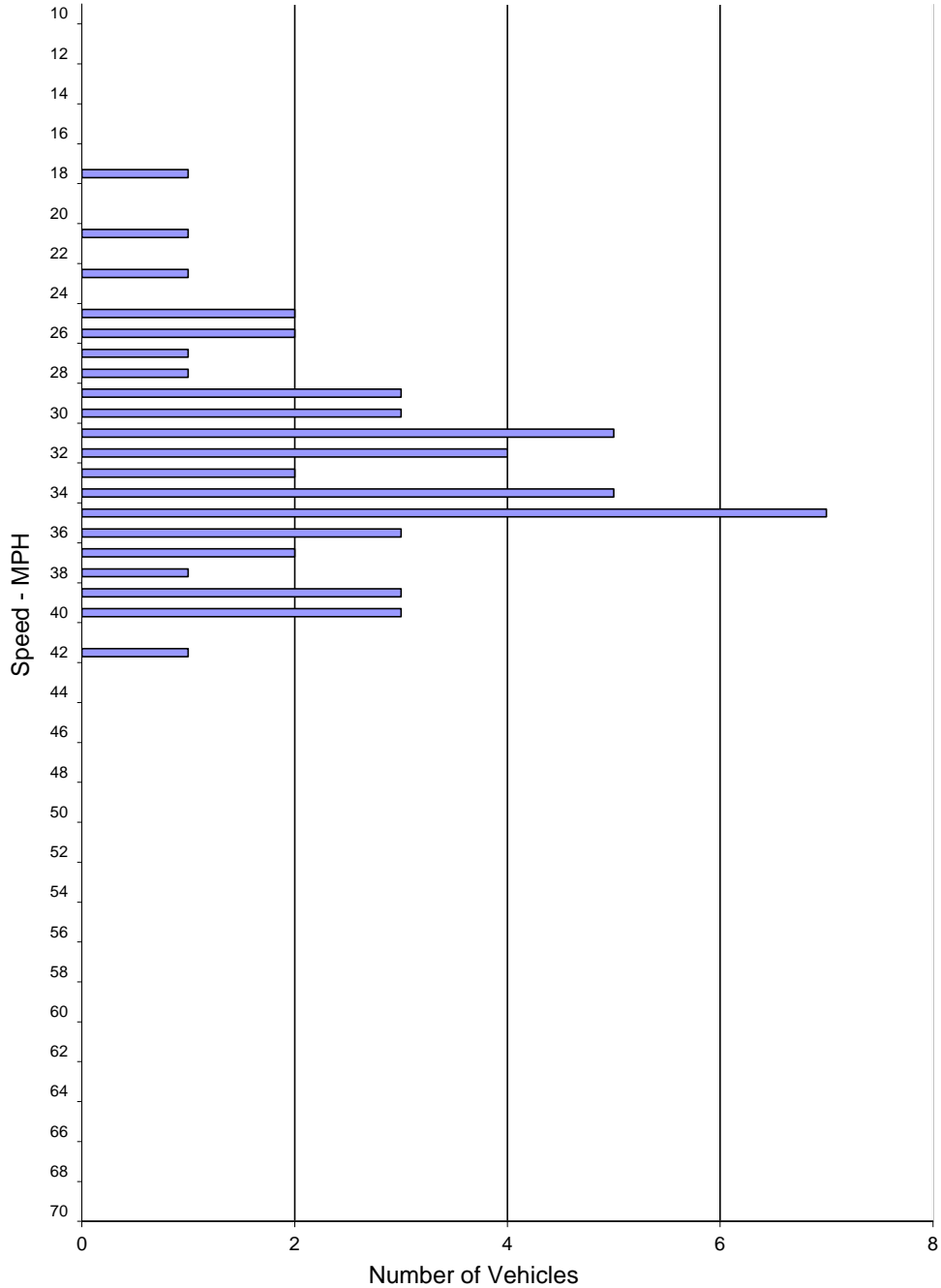
City of West Hollywood

DATE: 4/11/2016
DAY: Monday

Location: Doheny Dr NB Bet. Sunset Blvd & Santa Monica Blvd
Posted Speed: 35 MPH
Project #: 16-5198-006

Northbound Spot Speeds

Speed mph	ALL Vehicles
<=10	
11	
12	
13	
14	
15	
16	
17	
18	1
19	
20	
21	1
22	
23	1
24	
25	2
26	2
27	1
28	1
29	3
30	3
31	5
32	4
33	2
34	5
35	7
36	3
37	2
38	1
39	3
40	3
41	
42	1
43	
44	
45	
46	
47	
48	
49	
50	
51	
52	
53	
54	
55	
56	
57	
58	
59	
60	
61	
62	
63	
64	
65	
66	
67	
68	
69	
>=70	



SPEED PARAMETERS										
Class	Count	Average Speed	Range	50th Percentile	85th Percentile	10 MPH Pace	# in Pace	Percent in Pace	% / # Below Pace	% / # Above Pace
ALL	51	32.5	18 - 42	33 mph	38 mph	28 - 37	35	69%	15% / 8	16% / 8

APPENDIX E: 24-Hour Counts

VOLUME

Doheny Dr NB Bet. Sunset Blvd & Santa Monica Blvd

Day: Thursday
Date: 3/31/2016

City: West Hollywood
Project #: CA16_5199_006

DAILY TOTALS					NB	SB	EB	WB	Total			
					8,524	0	0	0	8,524			
AM Period	NB	SB	EB	WB	TOTAL	PM Period	NB	SB	EB	WB	TOTAL	
00:00	60	0			60	12:00	108	0			108	
00:15	47	0			47	12:15	124	0			124	
00:30	44	0			44	12:30	131	0			131	
00:45	39	190	0		39	12:45	113	476	0		113	476
01:00	42	0			42	13:00	127	0			127	
01:15	51	0			51	13:15	98	0			98	
01:30	29	0			29	13:30	119	0			119	
01:45	34	156	0		34	13:45	133	477	0		133	477
02:00	34	0			34	14:00	119	0			119	
02:15	40	0			40	14:15	134	0			134	
02:30	19	0			19	14:30	133	0			133	
02:45	11	104	0		11	14:45	148	534	0		148	534
03:00	9	0			9	15:00	133	0			133	
03:15	4	0			4	15:15	126	0			126	
03:30	4	0			4	15:30	153	0			153	
03:45	5	22	0		5	15:45	121	533	0		121	533
04:00	8	0			8	16:00	156	0			156	
04:15	6	0			6	16:15	146	0			146	
04:30	12	0			12	16:30	124	0			124	
04:45	10	36	0		10	16:45	163	589	0		163	589
05:00	8	0			8	17:00	162	0			162	
05:15	9	0			9	17:15	148	0			148	
05:30	28	0			28	17:30	140	0			140	
05:45	9	54	0		9	17:45	152	602	0		152	602
06:00	14	0			14	18:00	131	0			131	
06:15	29	0			29	18:15	140	0			140	
06:30	52	0			52	18:30	159	0			159	
06:45	60	155	0		60	18:45	172	602	0		172	602
07:00	63	0			63	19:00	133	0			133	
07:15	83	0			83	19:15	155	0			155	
07:30	91	0			91	19:30	120	0			120	
07:45	103	340	0		103	19:45	127	535	0		127	535
08:00	96	0			96	20:00	98	0			98	
08:15	97	0			97	20:15	99	0			99	
08:30	134	0			134	20:30	92	0			92	
08:45	130	457	0		130	20:45	90	379	0		90	379
09:00	112	0			112	21:00	93	0			93	
09:15	103	0			103	21:15	77	0			77	
09:30	101	0			101	21:30	91	0			91	
09:45	120	436	0		120	21:45	71	332	0		71	332
10:00	98	0			98	22:00	83	0			83	
10:15	133	0			133	22:15	84	0			84	
10:30	118	0			118	22:30	75	0			75	
10:45	133	482	0		133	22:45	71	313	0		71	313
11:00	99	0			99	23:00	52	0			52	
11:15	125	0			125	23:15	82	0			82	
11:30	93	0			93	23:30	67	0			67	
11:45	128	445	0		128	23:45	74	275	0		74	275
TOTALS	2877				2877	TOTALS	5647				5647	
SPLIT %	100.0%				33.8%	SPLIT %	100.0%				66.2%	

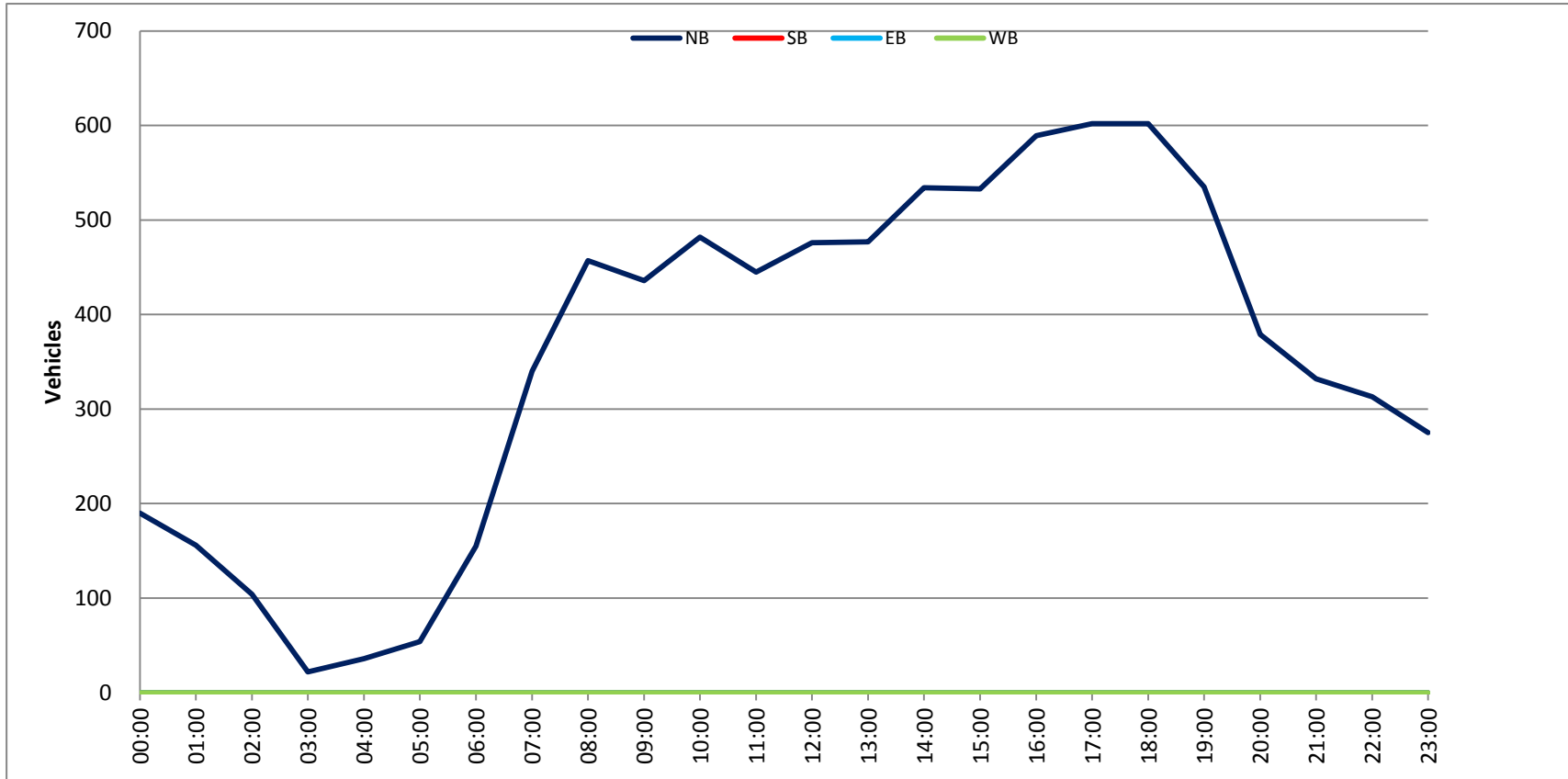
DAILY TOTALS					NB	SB	EB	WB	Total	
					8,524	0	0	0	8,524	
AM Peak Hour	11:45				11:45				18:30	18:30
AM Pk Volume	491				491				619	619
Pk Hr Factor	0.937				0.937				0.900	0.900
7 - 9 Volume	797	0	0	0	797	4 - 6 Volume	1191	0	0	1191
7 - 9 Peak Hour	08:00				08:00	4 - 6 Peak Hour	16:45			16:45
7 - 9 Pk Volume	457	0	0	0	457	4 - 6 Pk Volume	613	0	0	613
Pk Hr Factor	0.853	0.000	0.000	0.000	0.853	Pk Hr Factor	0.940	0.000	0.000	0.940

Project #: CA16_5199_006

City: West Hollywood

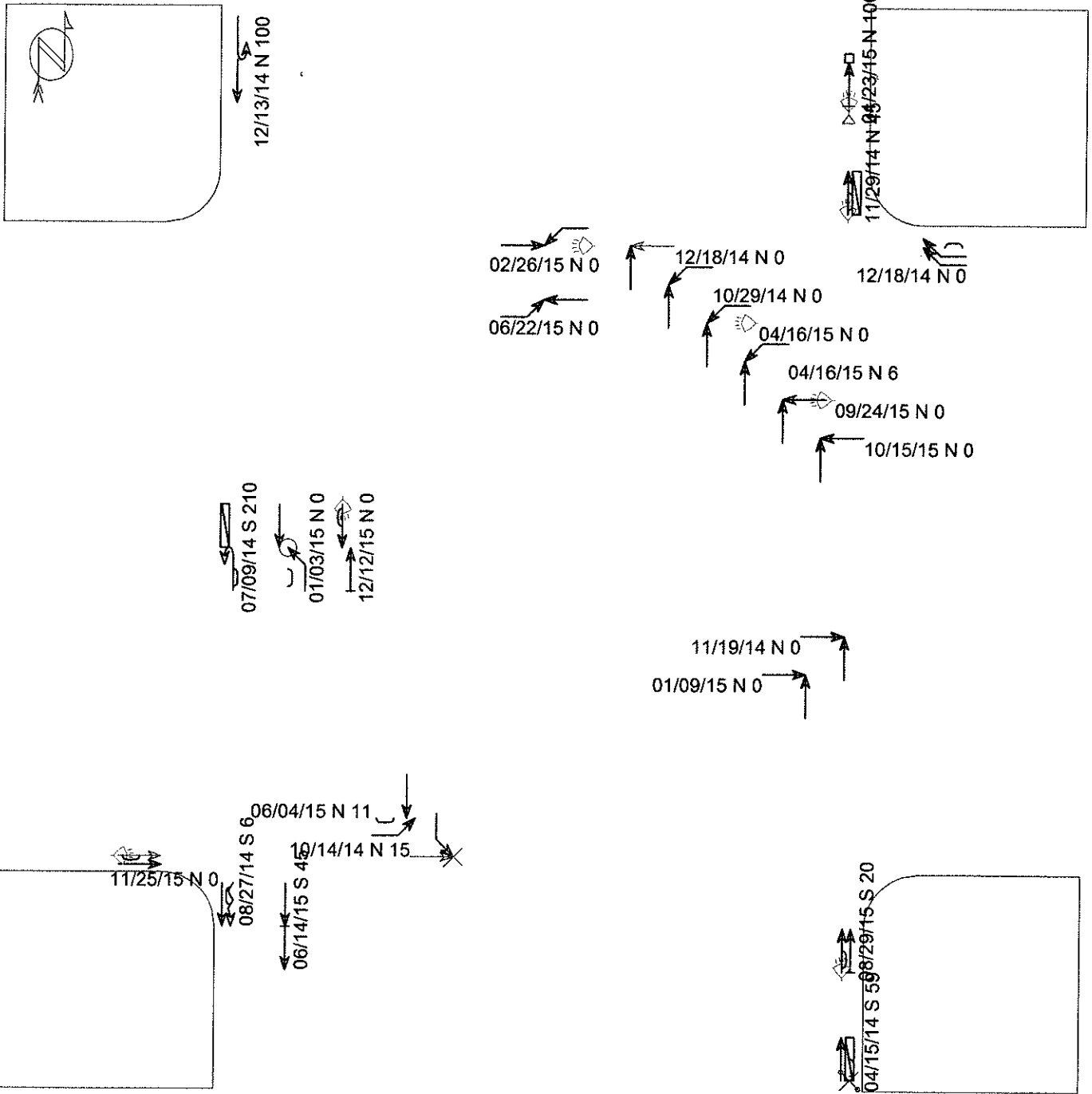
Location: Doheny Dr NB Bet. Sunset Blvd & Santa

Date: 3/31/2016



APPENDIX F: Collision Data

Doheny Dr Sunset Bl to Santa Monica Bl 25 Accidents 01/01/14 - 12/31/15



(clear filter), (1) accidents with insufficient data for display

- | | | | |
|--------------|-------------------|--------------|----------------|
| ← Straight | ▭ Parked | × Pedestrian | Fixed objects: |
| ← Stopped | ←~ Erratic | ⊗ Bicycle | □ General |
| ← Unknown | ←~ Out of control | ○ Injury | ▣ Signal |
| ↔ Backing | ↘ Right turn | ⊙ Fatality | ▣ Tree |
| ↔ Overtaking | ↙ Left turn | ☾ Nighttime | ◁ 3rd vehicle |
| ↔ Sideswipe | ↻ U-turn | ⊠ DUI | * Extra data |
| | | | ▣ Pole |
| | | | ▣ Curb |
| | | | ⊠ Animal |

Accident listing

01/01/2014 - 12/31/2015

Doheny Dr Sunset Bl to Santa Monica Bl

Sorted by <DATE;TIME;ACC#>

STREET 1	DATE	TIME	DAY	DIST	DIR	FROM	INT	KILL	INJ	VEH 1 DIR	VEH 1 TYPE	VEH 1 MOV	VEH 1 SOBER	VE
STREET 2	LIGHTING	COLL	TYPE	VIOL	CAT					VEH 2 DIR	VEH 2 TYPE	VEH 2 MOV	VEH 2 SOBER	VE
WEATHER	ROAD	SURF	ROAD	COND	CONTROLS	PED	ACTION			VEH 3 DIR	VEH 3 TYPE	VEH 3 MOV	VEH 3 SOBER	VE
DOHENY DR	04/15/14	12:00	Tue	59	South			0	1	NORTH	Car	Parked	HNBD (not)	37
HARLAND AV	Daylight	Side swipe	Other	hazardous						NORTH	Bicycle	Straight	HNBD (not)	29
Clear Dry	No unusua	None	No ped	involved						Not stated	Not stated	Not stated	Not stated	0
DOHENY DR	07/09/14	17:28	Wed	210	South			0	0	NORTH	Pickup	U turn	Not stated	0
SUNSET BL	Daylight	Side swipe	Auto	right-of-way						SOUTH	Car	Parked	N/A	0
Clear Dry	No unusua	None	No ped	involved						Not stated	Not stated	Not stated	Not stated	0
DOHENY DR	08/27/14	19:00	Wed	6	South			0	0	SOUTH	Car	Changing l	HNBD (not)	52
NORMA PL	Daylight	Side swipe	Unsafe	lane change						SOUTH	Car	Straight	HNBD (not)	32
Clear Dry	Other Roa	None	No ped	involved						Not stated	Not stated	Not stated	Not stated	0
DOHENY DR	10/14/14	15:40	Tue	15	North			0	1	EAST	Pedestrian	Not stated	HNBD (not)	24
KEITH AV	Daylight	Not stated	Ped	violation						SOUTH	Car	Left turn	HNBD (not)	50
Clear Dry	No unusua	None	Not in	x-walk						Not stated	Not stated	Not stated	Not stated	0
DOHENY DR	10/29/14	9:30	Wed	0	Not stated			0	1	WEST	Car	Left turn	HNBD (not)	24
CYNTHIA ST	Daylight	Broadside	Auto	right-of-way						NORTH	Car	Straight	HNBD (not)	23
Clear Dry	No unusua	Function	No ped	involved						Not stated	Not stated	Not stated	Not stated	0
DOHENY DR	11/19/14	16:45	Wed	0	Not stated			0	1	EAST	Car	Straight	HNBD (not)	59
ELEVADO AV	Dusk-daw	Broadside	Auto	right-of-way						NORTH	Car	Straight	HNBD (not)	33
Cloudy Dry	No unusua	None	No ped	involved						NORTH	Car	Parked	N/A	0
DOHENY DR	11/29/14	0:48	Sat	45	North			0	0	NORTH	Car	Straight	IU (H&R)	0
NEMO ST	Dark- st	Side swipe	Not	stated						NORTH	Car	Parked	N/A	0
Cloudy Wet	No unusua	None	No ped	involved						Not stated	Not stated	Not stated	Not stated	0
DOHENY DR	12/13/14	13:00	Sat	100	North			0	0	SOUTH	Not stated	U turn	N/A	28
SANTA MONICA	Daylight	Broadside	Improper	turning						SOUTH	Not stated	Straight	N/A	41
Clear Dry	No unusua	Function	No ped	involved						Not stated	Not stated	Not stated	Not stated	0
KEITH AV	12/18/14	15:15	Thu	0	Not stated			0	0	WEST	Car	Right turn	IU (H&R)	0
DOHENY DR	Daylight	Side swipe	Unsafe	start/back						WEST	Car	Right turn	HNBD (not)	64
Cloudy Dry	No unusua	Function	No ped	involved						Not stated	Not stated	Not stated	Not stated	0
DOHENY DR	12/18/14	15:25	Thu	0	Not stated			0	0	WEST	Car	Entering t	HNBD (not)	36
KEITH AV	Daylight	Head on	Auto	right-of-way						NORTH	Car	Straight	HNBD (not)	35
Cloudy Dry	No unusua	None	No ped	involved						Not stated	Not stated	Not stated	Not stated	0
DOHENY DR	01/03/15	10:25	Sat	0	Not stated			0	1	NORTH	Car	Left turn	HNBD (not)	76
PHYLLIS ST	Daylight	Side swipe	Auto	right-of-way						SOUTH	Motor cycle	Straight	HNBD (not)	25
Clear Dry	No unusua	None	No ped	involved						Not stated	Not stated	Not stated	Not stated	0
DOHENY DR	01/09/15	19:45	Fri	0	Not stated			0	1	EAST	Car	Straight	HNBD (not)	52
ELEVADO AV	Daylight	Broadside	Auto	right-of-way						NORTH	Motor cycle	Straight	HNBD (not)	27
Cloudy Dry	No unusua	None	No ped	involved						Not stated	Not stated	Not stated	Not stated	0
DOHENY DR	01/23/15	2:50	Fri	100	North			0	0	NORTH	Car	Straight	HBD (UI)	30
SANTA MONICA	Dark- st	Head on	DUI							Not stated	Not stated	Not stated	Not stated	0
Clear Dry	No unusua	None	No ped	involved						Not stated	Not stated	Not stated	Not stated	0
SUNSET BL	02/26/15	23:55	Thu	0	Not stated			0	0	WEST	Car	Left turn	HBD (NOT UI)	21
DOHENY DR	Dark- st	Head on	Auto	right-of-way						EAST	Car	Straight	HBD (NOT UI)	28
Clear Dry	No unusua	Function	No ped	involved						Not stated	Not stated	Not stated	Not stated	0
DOHENY DR	03/14/15	1:40	Sat	55	South			0	0	Not stated	Not stated	Straight	HBD (IU)	0
HARLAND AV	Dark- st	Rear end	Improper	turning						Not stated	Car	Parked	N/A	0
Clear Dry	No unusua	None	No ped	involved						Not stated	Not stated	Not stated	Not stated	0
DOHENY DR	04/16/15	13:45	Thu	6	North			0	3	WEST	Car	Left turn	HNBD (not)	26
PHYLLIS ST	Daylight	Broadside	Auto	right-of-way						NORTH	Car	Straight	HNBD (not)	64
Clear Dry	No unusua	Function	No ped	involved						Not stated	Not stated	Not stated	Not stated	0
DOHENY DR	04/16/15	4:55	Thu	0	Not stated			0	0	WEST	Car	Left turn	HNBD (not)	34
CYNTHIA ST	Dark- st	Broadside	Auto	right-of-way						NORTH	Car	Straight	HNBD (not)	25
Cloudy Dry	No unusua	Function	No ped	involved						Not stated	Not stated	Not stated	Not stated	0
DOHENY DR	06/04/15	11:30	Thu	11	North			0	0	EAST	Car	Left turn	HNBD (not)	64
PHYLLIS ST	Daylight	Side swipe	Improper	turning						SOUTH	Car	Straight	HNBD (not)	41
Cloudy Dry	No unusua	Not func	No ped	involved						Not stated	Not stated	Not stated	Not stated	0
DOHENY DR	06/14/15	16:15	Sun	45	South			0	1	SOUTH	Car	Straight	HNBD (not)	36
KEITH AV	Daylight	Rear end	Following	too close						SOUTH	Car	Stopped	HNBD (not)	56

Clear Dry	No unusua	None	No ped involved			SOUTH	Car	Stopped	HNBD (not)	52
SANTA MONICA	06/22/15 18:00 Mon	0	Not stated	0	3	EAST	Car	Left turn	N/A	56
DOHENY DR	Daylight	Broadside	Other hazardous			WEST	Car	Straight	N/A	33
Clear Dry	No unusua	Function	No ped involved			Not stated	Not stated	Not stated	Not stated	0
DOHENY DR	08/29/15 20:55 Sat	20	South	0	0	NORTH	Car	Straight	HNBD (not)	48
SUNSET BL	Dark- st	Side swipe	Unsafe speed			NORTH	Car	Stopped	HNBD (not)	30
Cloudy Dry	No unusua	None	No ped involved			Not stated	Not stated	Not stated	Not stated	0
DOHENY DR	09/24/15 21:50 Thu	0	Not stated	0	0	WEST	Car	Straight	HNBD (not)	61
CYNTHIA ST	Dark- st	Broadside	Auto right-of-way			NORTH	Car	Straight	HNBD (not)	38
Clear Dry	No unusua	None	No ped involved			Not stated	Not stated	Not stated	Not stated	0
DOHENY DR	10/15/15 14:00 Thu	0	Not stated	0	2	WEST	Car	Straight	HNBD (not)	59
VISTA GRANDE	Daylight	Broadside	Auto right-of-way			NORTH	Car	Straight	HNBD (not)	45
Clear Dry	No unusua	Function	No ped involved			Not stated	Not stated	Not stated	Not stated	0
SUNSET BL	11/25/15 19:25 Wed	0	Not stated	0	1	EAST	Car	Other VehM	IU (H&R)	0
DOHENY DR	Dark- li	Side swipe	Improper turning			EAST	Car	Straight	HNBD (not)	43
Clear Dry	No unusua	Not func	No ped involved			Not stated	Not stated	Not stated	Not stated	0
DOHENY DR	12/12/15 20:45 Sat	0	Not stated	0	0	SOUTH	Car	Straight	Not stated	63
ELEVADO AV	Dark- st	Side swipe	Unsafe speed			NORTH	Car	Stopped	HNBD (not)	38
Cloudy Dry	No unusua	None	No ped involved			Not stated	Not stated	Not stated	Not stated	0