

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

La Cienega Boulevard between Melrose Place and Rosewood Avenue

This engineering and traffic survey (E&TS) was prepared for the segment of La Cienega Boulevard between Melrose Place and Rosewood Avenue 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.

This segment of La Cienega Boulevard is classified as an arterial street in the City of West Hollywood General Plan. The adjacent land use is high-density commercial. The street has two travel lanes in each direction and 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 4, revealed the 85th percentile speed to be 39 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 4-lane or more undivided highway is 3.55 per million vehicle miles (MVM). With 23 collisions recorded over a two-year period and 39,572 average daily traffic, the collision rate has been 6.63 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

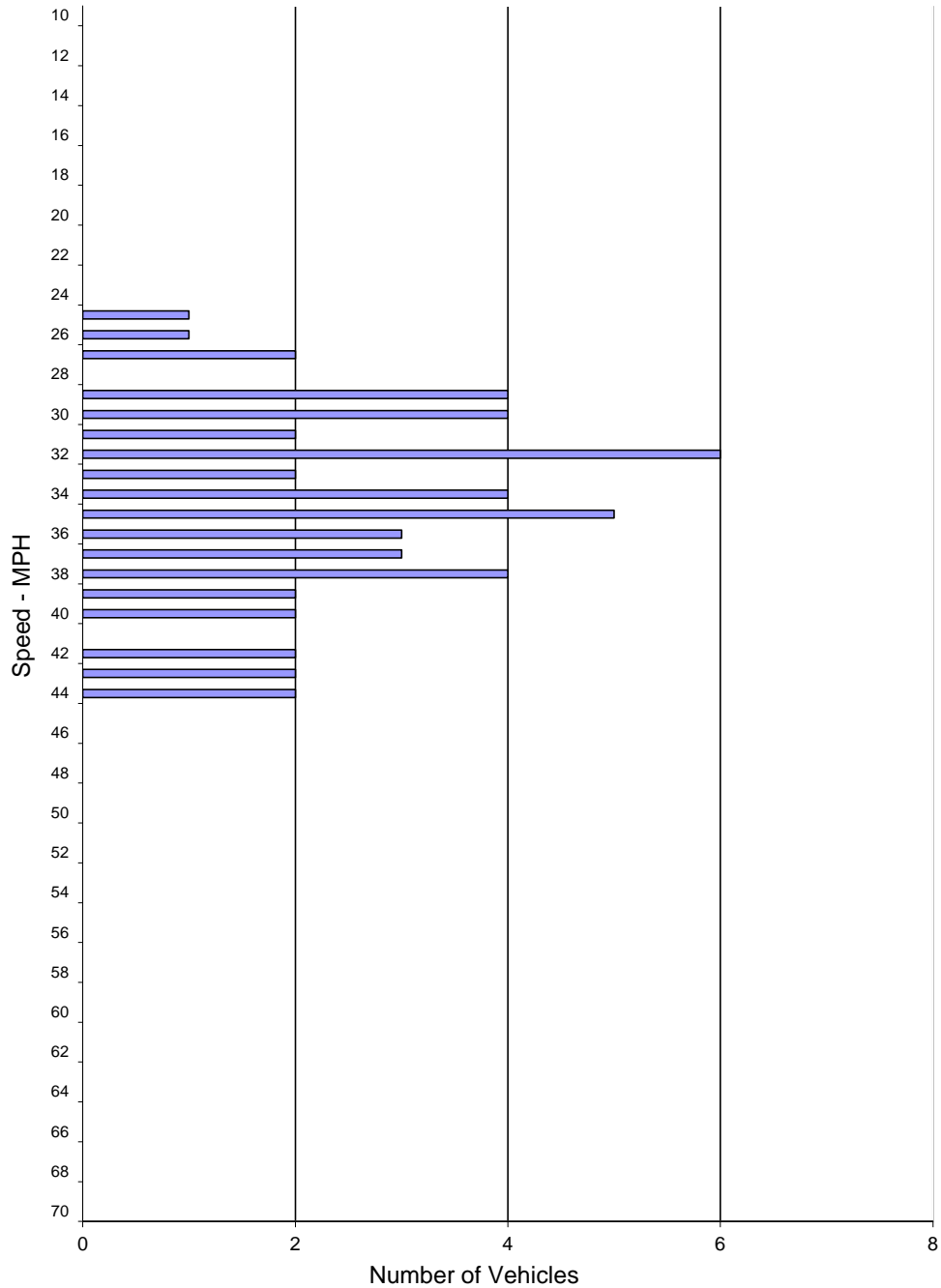
City of West Hollywood

DATE: 4/4/2016
DAY: Monday

Location: La Cienega Blvd Bet. Melrose Pl & Rosewood Ave
Posted Speed: 35 MPH Project #: 16-5198-016

Northbound Spot Speeds

Speed mph	ALL Vehicles
<=10	
11	
12	
13	
14	
15	
16	
17	
18	
19	
20	
21	
22	
23	
24	
25	1
26	1
27	2
28	
29	4
30	4
31	2
32	6
33	2
34	4
35	5
36	3
37	3
38	4
39	2
40	2
41	
42	2
43	2
44	2
45	
46	
47	
48	
49	
50	
51	
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56	
57	
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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	34.5	25 - 44	34 mph	40 mph	29 - 38	37	73%	7% / 4	20% / 10

Spot Speed Study

Prepared by: National Data & Surveying Services

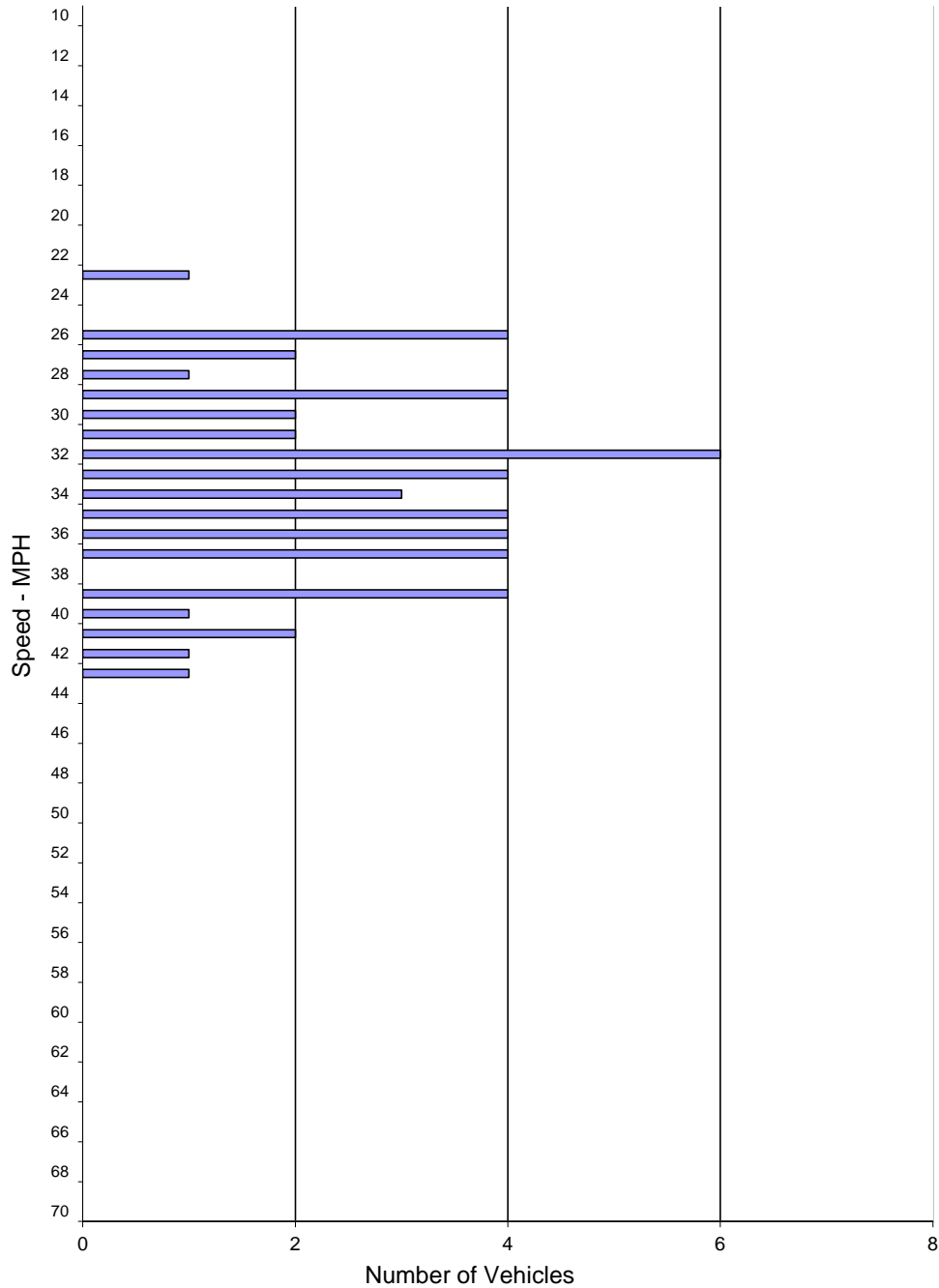
City of West Hollywood

DATE: 4/4/2016
DAY: Monday

Location: La Cienega Blvd Bet. Melrose Pl & Rosewood Ave
Posted Speed: 35 MPH Project #: 16-5198-016

Southbound Spot Speeds

Speed mph	ALL Vehicles
<=10	
11	
12	
13	
14	
15	
16	
17	
18	
19	
20	
21	
22	
23	1
24	
25	
26	4
27	2
28	1
29	4
30	2
31	2
32	6
33	4
34	3
35	4
36	4
37	4
38	
39	4
40	1
41	2
42	1
43	1
44	
45	
46	
47	
48	
49	
50	
51	
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54	
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56	
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62	
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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	50	33.4	23 - 43	33 mph	39 mph	28 - 37	34	68%	14% / 7	18% / 9

Spot Speed Study

Prepared by: National Data & Surveying Services

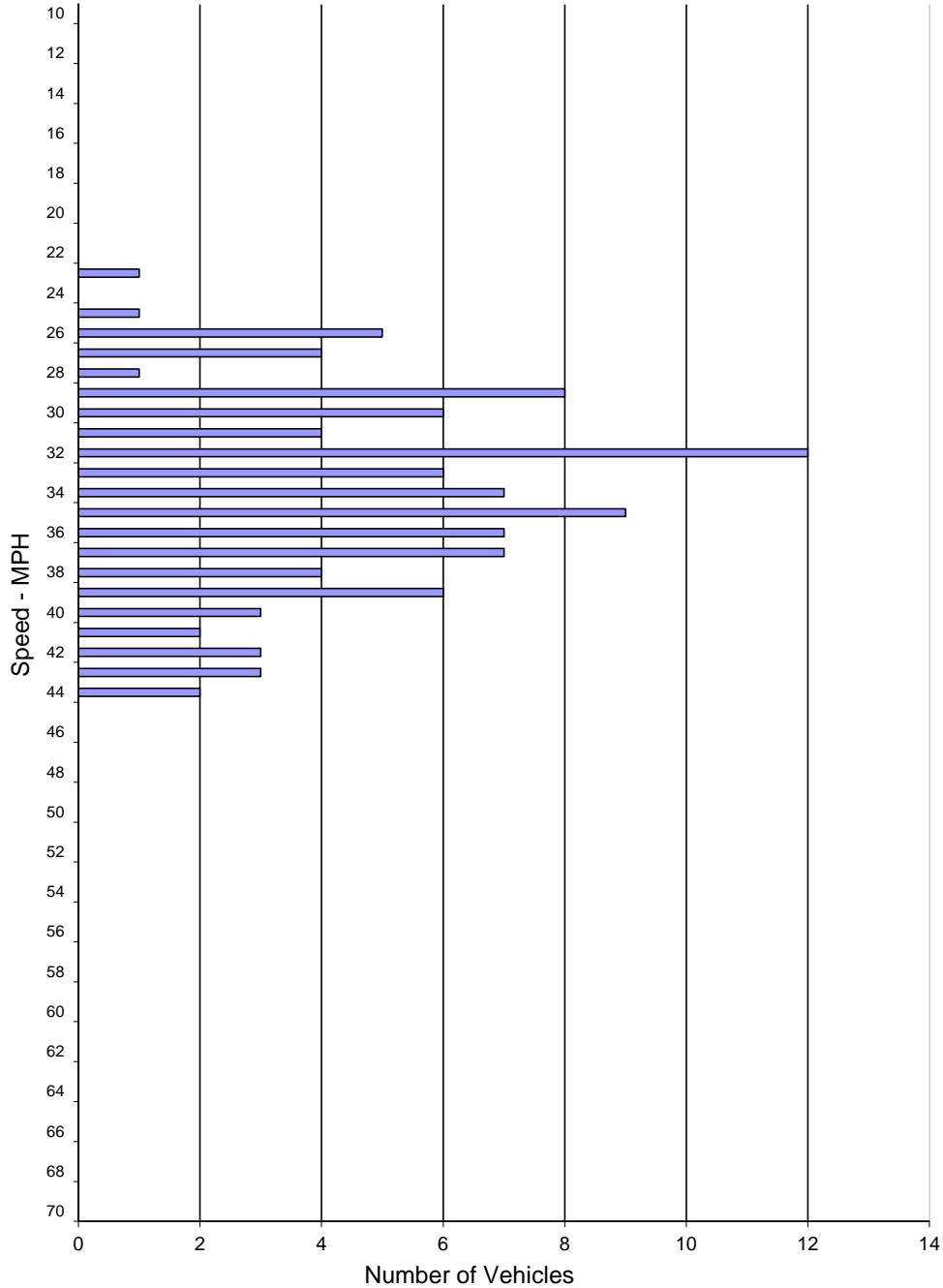
City of West Hollywood

DATE: 4/4/2016
DAY: Monday

Location: La Cienega Blvd Bet. Melrose Pl & Rosewood Ave
Posted Speed: 35 MPH Project #: 16-5198-016

Northbound & Southbound Spot Speeds

Speed mph	ALL Vehicles
<=10	
11	
12	
13	
14	
15	
16	
17	
18	
19	
20	
21	
22	
23	1
24	
25	1
26	5
27	4
28	1
29	8
30	6
31	4
32	12
33	6
34	7
35	9
36	7
37	7
38	4
39	6
40	3
41	2
42	3
43	3
44	2
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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	101	33.9	23 - 44	34 mph	39 mph	29 - 38	70	69%	11% / 12	19% / 19

APPENDIX E: 24-Hour Counts

VOLUME

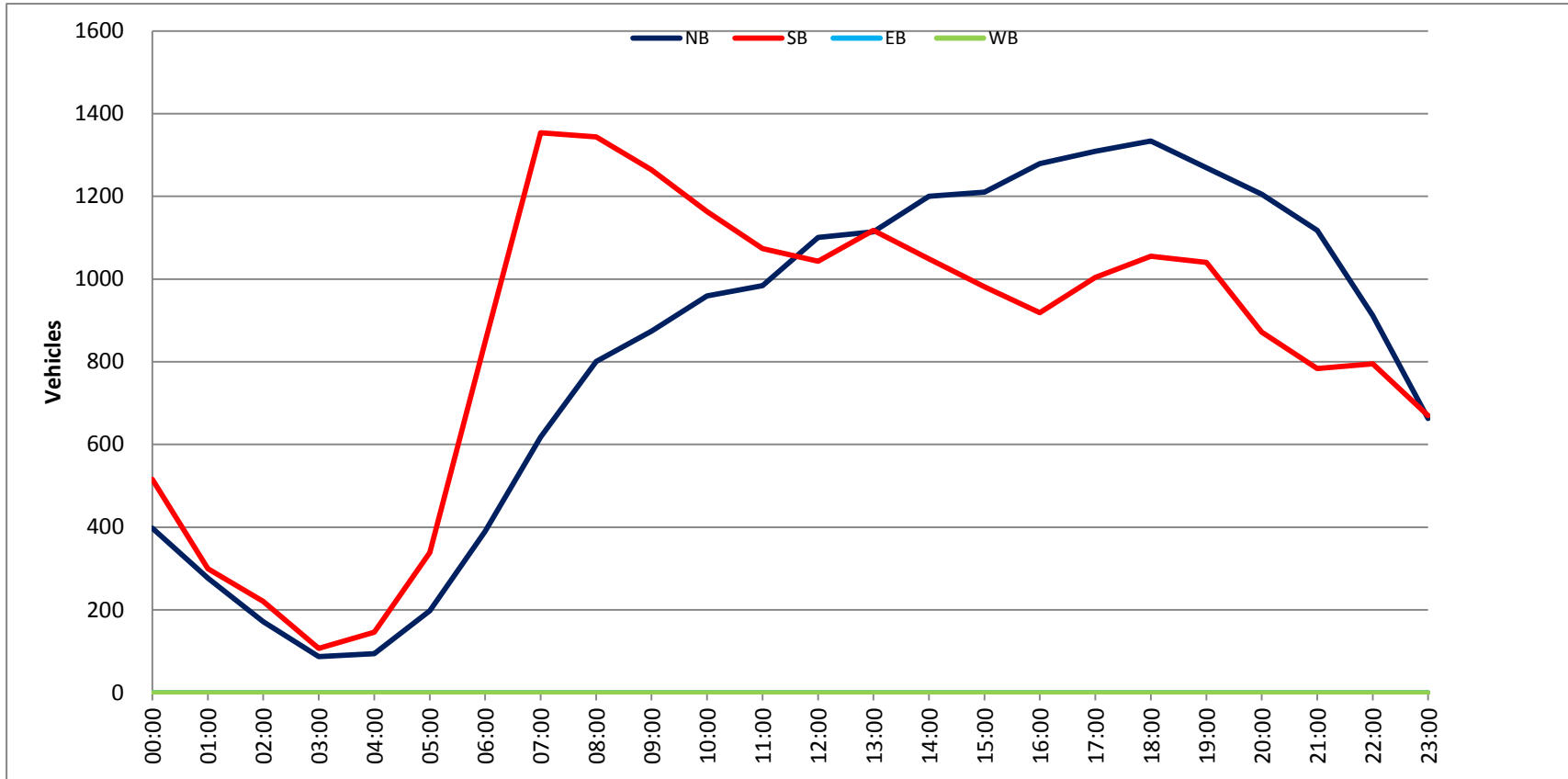
La Cienega Blvd Bet. Melrose Pl & Rosewood Ave

Day: Thursday
Date: 3/31/2016

City: West Hollywood
Project #: CA16_5199_016

DAILY TOTALS					NB	SB	EB	WB	Total		
					19,566	20,006	0	0	39,572		
AM Period	NB	SB	EB	WB	TOTAL	PM Period	NB	SB	EB	WB	TOTAL
00:00	123	143			266	12:00	252	222			474
00:15	88	134			222	12:15	248	239			487
00:30	97	140			237	12:30	286	275			561
00:45	90	398	99	516	189	12:45	315	1101	307	1043	622
01:00	82	78			160	13:00	290	272			562
01:15	75	71			146	13:15	273	274			547
01:30	61	81			142	13:30	266	285			551
01:45	59	277	70	300	129	13:45	285	1114	287	1118	572
02:00	61	67			128	14:00	264	239			503
02:15	37	70			107	14:15	318	280			598
02:30	43	45			88	14:30	303	260			563
02:45	31	172	39	221	70	14:45	315	1200	270	1049	585
03:00	39	22			61	15:00	312	254			566
03:15	21	16			37	15:15	293	266			559
03:30	12	31			43	15:30	303	231			534
03:45	15	87	38	107	53	15:45	302	1210	230	981	532
04:00	20	22			42	16:00	324	205			529
04:15	24	26			50	16:15	324	229			553
04:30	24	47			71	16:30	317	246			563
04:45	26	94	51	146	77	16:45	314	1279	239	919	553
05:00	33	54			87	17:00	334	268			602
05:15	32	69			101	17:15	312	241			553
05:30	40	92			132	17:30	321	243			564
05:45	93	198	124	339	217	17:45	342	1309	252	1004	594
06:00	63	157			220	18:00	325	262			587
06:15	76	183			259	18:15	346	274			620
06:30	112	259			371	18:30	346	267			613
06:45	139	390	249	848	388	18:45	317	1334	252	1055	569
07:00	105	302			407	19:00	328	248			576
07:15	139	351			490	19:15	300	271			571
07:30	189	342			531	19:30	315	249			564
07:45	185	618	359	1354	544	19:45	326	1269	272	1040	598
08:00	190	331			521	20:00	323	240			563
08:15	201	331			532	20:15	298	232			530
08:30	196	320			516	20:30	318	223			541
08:45	214	801	362	1344	576	20:45	266	1205	177	872	443
09:00	226	299			525	21:00	288	184			472
09:15	226	303			529	21:15	288	199			487
09:30	203	348			551	21:30	260	197			457
09:45	219	874	314	1264	533	21:45	282	1118	204	784	486
10:00	241	290			531	22:00	259	215			474
10:15	222	294			516	22:15	243	190			433
10:30	255	282			537	22:30	215	197			412
10:45	241	959	297	1163	538	22:45	195	912	193	795	388
11:00	247	233			480	23:00	200	188			388
11:15	234	289			523	23:15	173	179			352
11:30	254	261			515	23:30	153	165			318
11:45	249	984	291	1074	540	23:45	137	663	138	670	275
TOTALS	5852	8676			14528	TOTALS	13714	11330			25044
SPLIT %	40.3%	59.7%			36.7%	SPLIT %	54.8%	45.2%			63.3%

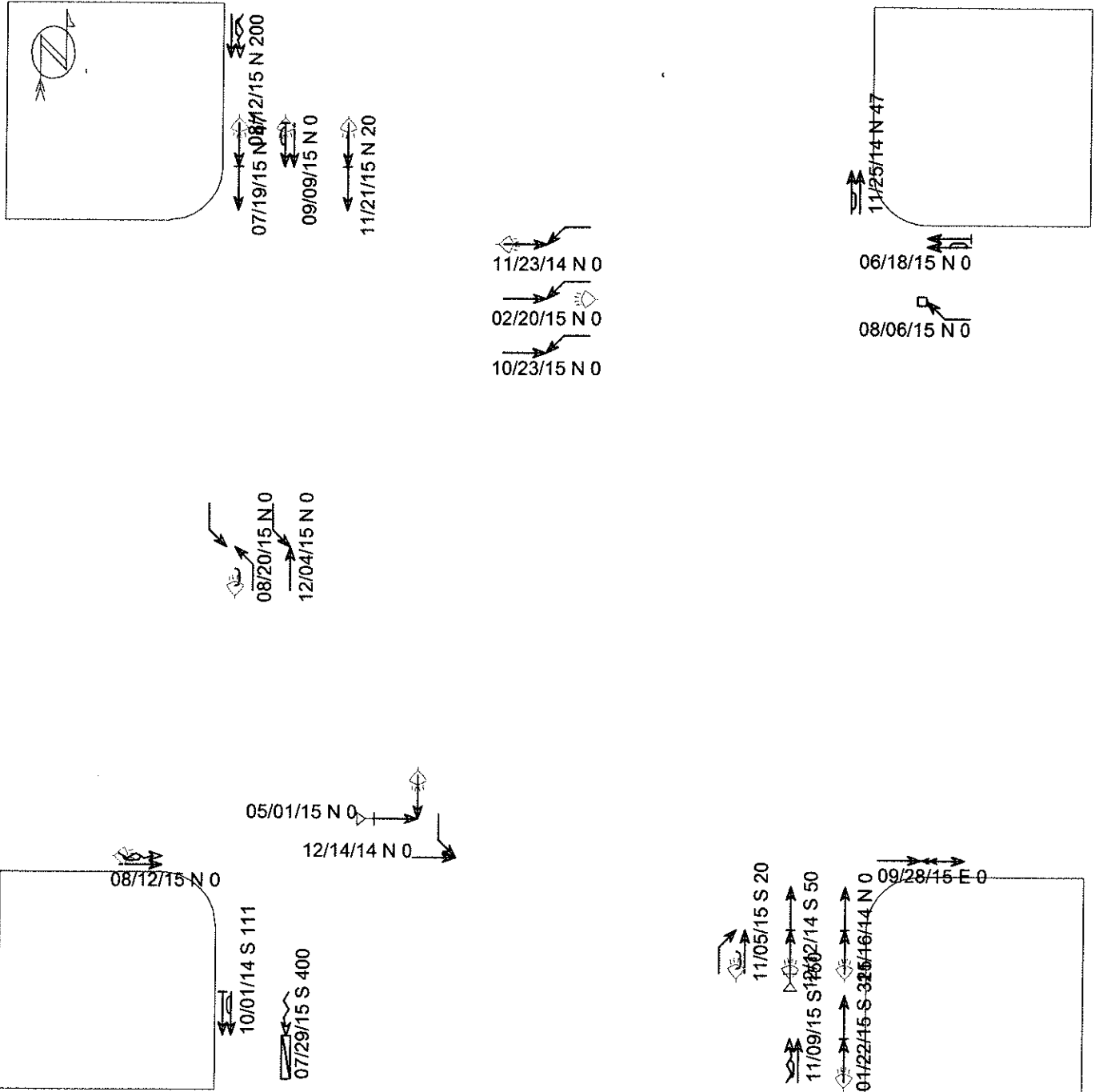
DAILY TOTALS					NB	SB	EB	WB	Total
					19,566	20,006	0	0	39,572
AM Peak Hour	11:45	07:15			08:45	PM Peak Hour	17:45	12:45	17:45
AM Pk Volume	1035	1383			2181	PM Pk Volume	1359	1138	2414
Pk Hr Factor	0.905	0.963			0.947	Pk Hr Factor	0.982	0.927	0.973
7 - 9 Volume	1419	2698	0	0	4117	4 - 6 Volume	2588	1923	0
7 - 9 Peak Hour	08:00	07:15			08:00	4 - 6 Peak Hour	17:00	17:00	17:00
7 - 9 Pk Volume	801	1383	0	0	2145	4 - 6 Pk Volume	1309	1004	0
Pk Hr Factor	0.936	0.963	0.000	0.000	0.931	Pk Hr Factor	0.957	0.937	0.000



APPENDIX F: Collision Data

La Cienega Bl Melrose Pl to Rosewood Av

23 Accidents 01/01/14 - 12/31/15



(clear filter), (0) 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
 La Cienega Bl Melrose Pl to Rosewood Av
 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
LA CIENEGA B	10/01/14	12:30	Wed	111	South			0	0	SOUTH	Car	Straight	HNBD (not)	32
MELROSE AV	Not stat	Side swipe	Unsafe	lane change						SOUTH	Car	Stopped	HNBD (not)	25
Cloudy Dry	No unusua	None	No ped	involved						SOUTH	Car	Stopped	HNBD (not)	52
LA CIENEGA B	11/16/14	3:43	Sun	0	Not stated			0	0	NORTH	Car	Straight	HBD (NOT UI)	25
MELROSE AV	Dark-	st Rear end	Unsafe	speed						NORTH	Car	Stopped	HBD (NOT UI)	51
Clear Dry	No unusua	Function	No ped	involved						Not stated	Not stated	Not stated	Not stated	0
MELROSE AV	11/23/14	23:50	Sun	0	Not stated			0	0	EAST	Not stated	Straight	IU (H&R)	0
LA CIENEGA B	Dark-	st Broadside	Traffic	signals						WEST	Car	Left turn	HNBD (not)	59
Clear Dry	No unusua	Function	No ped	involved						Not stated	Not stated	Not stated	Not stated	0
LA CIENEGA B	11/25/14	15:27	Tue	47	North			0	0	NORTH	Car	Straight	HNBD (not)	54
ROSEWOOD AV	Dusk-daw	Side swipe	Not	stated						NORTH	Car	Straight	HNBD (not)	24
Clear Dry	No unusua	Not func	No ped	involved						Not stated	Not stated	Not stated	Not stated	0
LA CIENEGA B	12/12/14	3:41	Fri	50	South			0	0	NORTH	Car	Straight	HBD (IU)	0
MELROSE AV	Dark-	st Rear end	Following	too close						NORTH	Car	Straight	HNBD (not)	42
Raining Wet	No unusua	None	No ped	involved						NORTH	Car	Straight	HNBD (not)	57
LA CIENEGA B	12/14/14	9:00	Sun	0	Not stated			0	2	SOUTH	Car	Left turn	HNBD (not)	69
MELROSE AV	Daylight	Head on	Auto	right-of-way						EAST	Car	Straight	HNBD (not)	28
Clear Dry	No unusua	Function	No ped	involved						Not stated	Not stated	Not stated	Not stated	0
LA CIENEGA B	01/22/15	20:51	Thu	325	South			0	0	NORTH	Car	Straight	IU (H&R)	56
MELROSE AV	Dark-	st Rear end	Unsafe	speed						NORTH	Car	Stopped	HBD (NOT UI)	25
Clear Dry	No unusua	None	No ped	involved						NORTH	Car	Stopped	HBD (NOT UI)	24
LA CIENEGA B	02/20/15	21:11	Fri	0	Not stated			0	0	WEST	Car	Left turn	HNBD (not)	30
MELROSE AV	Dark-	st Head on	Auto	right-of-way						EAST	Car	Straight	HNBD (not)	46
Clear Dry	No unusua	Function	No ped	involved						Not stated	Not stated	Not stated	Not stated	0
MELROSE AV	05/01/15	2:59	Fri	0	Not stated			0	0	SOUTH	Not stated	Straight	IU (H&R)	0
LA CIENEGA B	Dark-	li Broadside	Auto	right-of-way						EAST	Car	Straight	HBD (UI)	19
Clear Dry	No unusua	Not func	No ped	involved						Not stated	Not stated	Not stated	Not stated	0
MELROSE AV	06/18/15	18:18	Thu	0	Not stated			0	0	WEST	Car	Straight	IU (H&R)	0
LA CIENEGA B	Daylight	Side swipe	Unsafe	lane change						WEST	Car	Stopped	IU (H&R)	21
Clear Dry	No unusua	None	No ped	involved						Not stated	Not stated	Not stated	Not stated	0
LA CIENEGA B	07/19/15	2:08	Sun	47	North			0	0	SOUTH	Car	Straight	IU (H&R)	0
MELROSE AV	Dark-	st Rear end	Unsafe	speed						SOUTH	Car	Stopped	HNBD (not)	29
Clear Dry	No unusua	None	No ped	involved						Not stated	Not stated	Not stated	Not stated	0
LA CIENEGA B	07/29/15	16:34	Wed	400	South			0	1	SOUTH	Car	Other unsa	HNBD (not)	32
MELROSE AV	Daylight	Rear end	Improper	turning						SOUTH	Car	Parked	N/A	0
Clear Dry	No unusua	None	No ped	involved						SOUTH	Car	Parked	N/A	0
MELROSE AV	08/06/15	8:00	Thu	0	Not stated			0	0	WEST	Truck with	Right turn	HNBD (not)	62
LA CIENEGA B	Not stat	Hit object	Improper	turning						Not stated	Not stated	Not stated	Not stated	0
Clear Dry	No unusua	Function	No ped	involved						Not stated	Not stated	Not stated	Not stated	0
MELROSE AV	08/12/15	20:10	Wed	0	Not stated			0	0	EAST	Car	Changing l	HNBD (not)	51
LA CIENEGA B	Dark-	st Side swipe	Unsafe	lane change						EAST	Car	Straight	HNBD (not)	35
Clear Dry	No unusua	Function	No ped	involved						Not stated	Not stated	Not stated	Not stated	0
LA CIENEGA B	08/12/15	8:20	Wed	200	North			0	0	SOUTH	Car	Changing l	IU (H&R)	0
ROSEWOOD AV	Daylight	Side swipe	Unsafe	lane change						SOUTH	Car	Straight	HNBD (not)	25
Clear Dry	No unusua	None	No ped	involved						Not stated	Not stated	Not stated	Not stated	0
LA CIENEGA B	08/20/15	23:23	Thu	0	Not stated			0	0	NORTH	Not stated	Left turn	IU (H&R)	0
MELROSE AV	Dark-	st Side swipe	Improper	turning						SOUTH	Car	Left turn	HNBD (not)	37
Clear Dry	No unusua	Function	No ped	involved						Not stated	Not stated	Not stated	Not stated	0
LA CIENEGA B	09/09/15	20:23	Wed	0	Not stated			0	0	SOUTH	Car	Stopped	IU (H&R)	0
MELROSE AV	Dark-	st Side swipe	Other	hazardous						SOUTH	Car	Straight	HNBD (not)	24
Clear Dry	No unusua	None	No ped	involved						Not stated	Not stated	Not stated	Not stated	0
MELROSE AV	09/28/15	14:00	Mon	0	East			0	0	EAST	Car	Backing	HNBD (not)	39
LA CIENEGA B	Daylight	Other Coll	Unsafe	lane change						EAST	Car	Straight	HNBD (not)	55
Cloudy Dry	No unusua	None	No ped	involved						Not stated	Not stated	Not stated	Not stated	0
LA CIENEGA B	10/23/15	7:22	Fri	0	Not stated			0	0	WEST	Car	Left turn	HNBD (not)	23
MELROSE AV	Daylight	Broadside	Auto	right-of-way						EAST	Car	Straight	HNBD (not)	53

Clear	Dry	No unusua	Function	No ped involved			Not stated	Not stated	Not stated	Not stated	0
LA CIENEGA B	11/05/15 21:30	Thu 20	South	0	0	NORTH	Car	Right turn	HNBD (not)		28
MELROSE AV	Dark- st	Side swipe	Improper turning			NORTH	Car	Straight	HNBD (not)		26
Clear	Dry	No unusua	Function	No ped involved			Not stated	Not stated	Not stated	Not stated	0
LA CIENEGA B	11/09/15 12:35	Mon 150	South	0	0	NORTH	Car	Changing l	HNBD (not)		29
MELROSE AV	Daylight	Side swipe	Unsafe lane change			NORTH	Car	Straight	HNBD (not)		35
Cloudy	Dry	No unusua	None	No ped involved			Not stated	Not stated	Not stated	Not stated	0
LA CIENEGA B	11/21/15 21:35	Sat 20	North	0	0	SOUTH	Car	Straight	HNBD (not)		41
ROSEWOOD AV	Dark- st	Rear end	Following too close			SOUTH	Car	Slowing -	HNBD (not)		29
Clear	Dry	No unusua	None	No ped involved			Not stated	Not stated	Not stated	Not stated	0
LA CIENEGA B	12/04/15 10:45	Fri 0	Not stated	0	1	SOUTH	Car	Left turn	HNBD (not)		26
MELROSE AV	Daylight	Broadside	Auto right-of-way			NORTH	Car	Straight	HNBD (not)		23
Cloudy	Dry	No unusua	Function	No ped involved			Not stated	Not stated	Not stated	Not stated	0