

San Diego County Traffic Advisory Committee



Committee Secretary
5510 Overland Avenue #410, Room 470, M.S. 0-334
San Diego, California 92123-1239
(858) 694-3843

Represented Agencies

Automobile Club of Southern
California
California Department of
Transportation
California Highway Patrol
Independent Insurance Agents
& Brokers of San Diego
San Diego County Bicycle Coalition
San Diego County Department of
Public Works
San Diego County Office of Education
San Diego County Pacific Safety
Council
San Diego County
Sheriff's Department

May 29, 2018

TO: Community Planning/Sponsor Group Chairpersons

FROM: Secretary, Traffic Advisory Committee

MEETING NOTICE

Attached is the preliminary agenda for the June 8, 2018, meeting of the Traffic Advisory Committee (TAC). The meeting will begin at 9:00 AM in the following location:

Department of Public Works
Second Floor, Room 271
5510 Overland Avenue
San Diego, CA 92123

Your community group may have previously provided formal input on these matters and your group's recommendations would be included as part of the Chief Administrative Officer's report to the Board of Supervisors along with TAC recommendations. The Board of Supervisors will make a final decision as to what action will be taken after reviewing TAC recommendations and community group input, when available.

If your community planning/sponsor group representative would like to attend the TAC meeting and participate in the discussion of an item on this agenda, or if you do have any questions or need additional information regarding this procedure, please contact me at (858) 694-3843. TAC staff is available to provide background information on items and to answer questions you may have.

Very truly yours,

Kenton R. Jones, Secretary
San Diego County Traffic Advisory Committee

KRJ:sh

Attachment



SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE

June 8, 2018 ~ 9:00 AM

5510 Overland Ave, Room 271

San Diego CA, 92123

AGENDA

- I. Call to Order / Roll Call**
- II. Pledge of Allegiance**
- III. Approval of Minutes**
- IV. Items for Review**

SUBJECT		LOCATION	AREA	PLANNING/ SPONSOR GROUP
<u>SUPERVISORIAL DISTRICT 2</u>				
2-A.	RADAR RECERTIFICATION	EL NOPAL	LAKESIDE	LAKESIDE
2-B.	RADAR RECERTIFICATION	EL NOPAL	LAKESIDE	LAKESIDE
2-C.	RADAR RECERTIFICATION	ELM STREET	RAMONA	RAMONA
2-D.	RADAR RECERTIFICATION	HAVERFORD ROAD	RAMONA	RAMONA
<u>SUPERVISORIAL DISTRICT 5</u>				
5-A.	RADAR RECERTIFICATION	RAMBLA DE LAS FLORES	RANCHO SANTA FE	SAN DIEGUITO
5-B.	RADAR RECERTIFICATION	RAMBLA DE LAS FLORES	RANCHO SANTA FE	SAN DIEGUITO
5-C.	RADAR RECERTIFICATION	N. LAKEWOHLFORD RD	VALLEY CENTER	VALLEY CENTER

SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE

COMMITTEE REPORT OF: June 8, 2018 **Item 2-A**

SUPERVISORIAL DISTRICT: 2

SUBJECT: Radar Recertification

LOCATION: El Nopal from Santee City Limit to Los Ranchitos Road
(0.16 miles) LAKESIDE (Thos. Bros. 1231-F3)

INITIATED BY: DPW Traffic Engineering

REQUEST: Radar Recertification

PROBLEM AS STATED BY REQUESTER:

El Nopal from Santee City Limit to Los Ranchitos Road is posted 35 MPH Radar Enforced. Preliminary review of prevailing speeds and roadway conditions could support radar recertification.

Existing Traffic Devices

El Nopal is a striped two-lane roadway approximately 60 feet wide. There is a short segment with edge-striping along the south side and another segment with a two-way left turn lane separating both directions of travel. The road is classified as a Light Collector on the County General Plan Mobility Element Network and posted 35 MPH/Radar Certified.

Average Daily Traffic Volumes

	<u>2/18</u>	<u>01/11</u>
El Nopal:		
E/o Aquilla Dr	5,755	5,800

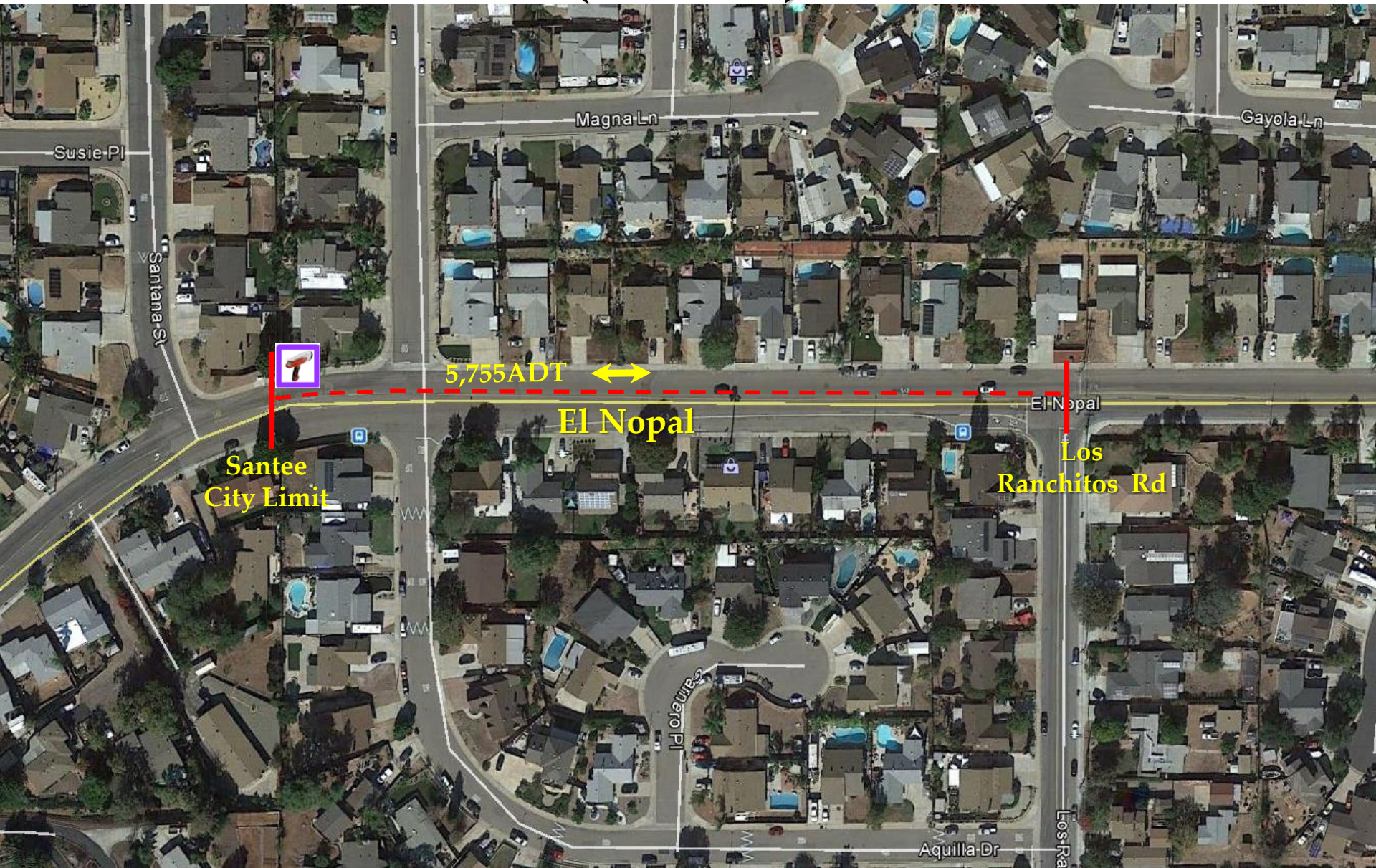
<u>Speed Data</u>		<u>85th Percentile</u>	<u>10 MPH Pace</u>	<u>% in Pace</u>
El Nopal:				
at Santee City Limit	(2018)	37.7 MPH	31-40	89.0%
	(2014)	37.9 MPH	29-38	82.0%

Collision Data

There have been 3 reported collisions along this segment of roadway, 1 of which involved injury, in a 5 year period (3-1-13 to 2-28-18). These collisions result in a segment accident rate of 1.79 collisions per million vehicle miles. The statewide average is 2.39 collisions per million vehicle miles for similar suburban conventional 2 lanes or less with speeds less than 45 mile per hour.

2-A. Radar Recertification

El Nopal from Santee City Limit to Los Ranchitos Road (0.16 miles)



VOLUME

El Nopal E/O Aquilla Dr

Day: Tuesday
Date: 3/6/2018City: Lakeside
Project #: CA18_4054_005

DAILY TOTALS					NB	SB	EB					WB	Total
					0	0	2,729					3,026	5,755
AM Period	NB	SB	EB	WB	TOTAL		PM Period	NB	SB	EB	WB	TOTAL	
00:00			3	7	10		12:00			31	40	71	
00:15			3	3	6		12:15			28	37	65	
00:30			3	6	9		12:30			35	21	56	
00:45			0	9	7	23	12:45			31	125	41	139
					7	32						72	264
01:00			3	2	5		13:00			34	45	79	
01:15			1	1	2		13:15			35	34	69	
01:30			3	3	6		13:30			42	29	71	
01:45			1	8	3	16	13:45			37	148	41	149
												78	297
02:00			2	3	5		14:00			40	45	85	
02:15			0	2	2		14:15			54	44	98	
02:30			0	2	2		14:30			54	38	92	
02:45			2	4	3	10	14:45			38	186	71	198
					5	14						109	384
03:00			3	0	3		15:00			65	55	120	
03:15			3	1	4		15:15			40	71	111	
03:30			7	2	9		15:30			55	77	132	
03:45			2	15	3	19	15:45			60	220	63	266
												123	486
04:00			4	4	8		16:00			50	76	126	
04:15			10	3	13		16:15			36	81	117	
04:30			9	4	13		16:30			59	81	140	
04:45			18	41	21	55	16:45			62	207	81	319
												143	526
05:00			11	7	18		17:00			70	66	136	
05:15			21	7	28		17:15			48	83	131	
05:30			19	10	29		17:30			48	82	130	
05:45			27	78	45	120	17:45			63	229	69	300
												132	529
06:00			24	28	52		18:00			57	69	126	
06:15			33	23	56		18:15			35	70	105	
06:30			52	34	86		18:30			49	45	94	
06:45			48	157	100	294	18:45			36	177	47	231
												83	408
07:00			79	56	135		19:00			32	20	52	
07:15			65	70	135		19:15			26	46	72	
07:30			84	83	167		19:30			28	32	60	
07:45			55	283	112	549	19:45			21	107	33	131
												54	238
08:00			56	45	101		20:00			26	23	49	
08:15			54	44	98		20:15			26	26	52	
08:30			31	49	80		20:30			27	16	43	
08:45			41	182	88	367	20:45			19	98	21	86
												40	184
09:00			30	29	59		21:00			29	21	50	
09:15			32	26	58		21:15			20	22	42	
09:30			19	20	39		21:30			10	16	26	
09:45			29	110	74	230	21:45			10	69	15	74
												25	143
10:00			39	37	76		22:00			5	20	25	
10:15			26	31	57		22:15			8	15	23	
10:30			27	20	47		22:30			4	4	8	
10:45			34	126	66	246	22:45			5	22	13	52
												18	74
11:00			23	28	51		23:00			6	6	12	
11:15			22	34	56		23:15			4	10	14	
11:30			35	28	63		23:30			0	5	5	
11:45			35	115	66	236	23:45			3	13	10	31
												13	44
TOTALS			1128	1050	2178		TOTALS			1601	1976	3577	
SPLIT %			51.8%	48.2%	37.8%		SPLIT %			44.8%	55.2%	62.2%	

DAILY TOTALS					NB	SB						EB	WB						Total
					0	0						2,729	3,026						5,755
AM Peak Hour			07:00	07:00	07:00		PM Peak Hour			16:30	16:00	16:30							
AM Pk Volume			283	266	549		PM Pk Volume			239	319	550							
Pk Hr Factor			0.842	0.801	0.822		Pk Hr Factor			0.854	0.985	0.962							
7 - 9 Volume	0	0	465	451	916		4 - 6 Volume	0	0	436	619	1055							
7 - 9 Peak Hour			07:00	07:00	07:00		4 - 6 Peak Hour			16:30	16:00	16:30							
7 - 9 Pk Volume	0	0	283	266	549		4 - 6 Pk Volume	0	0	239	319	550							
Pk Hr Factor	0.000	0.000	0.842	0.801	0.822		Pk Hr Factor	0.000	0.000	0.854	0.985	0.962							

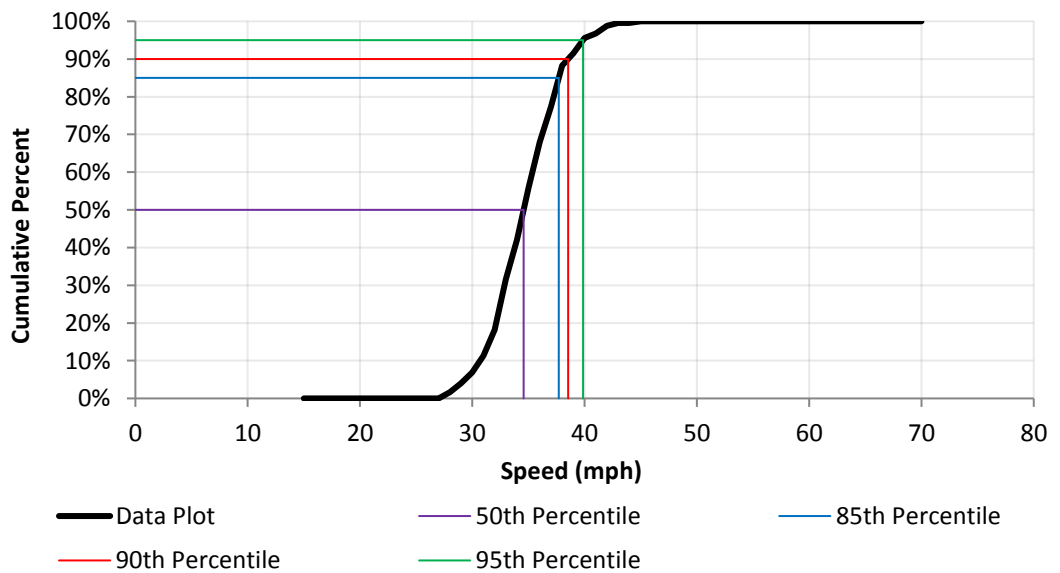
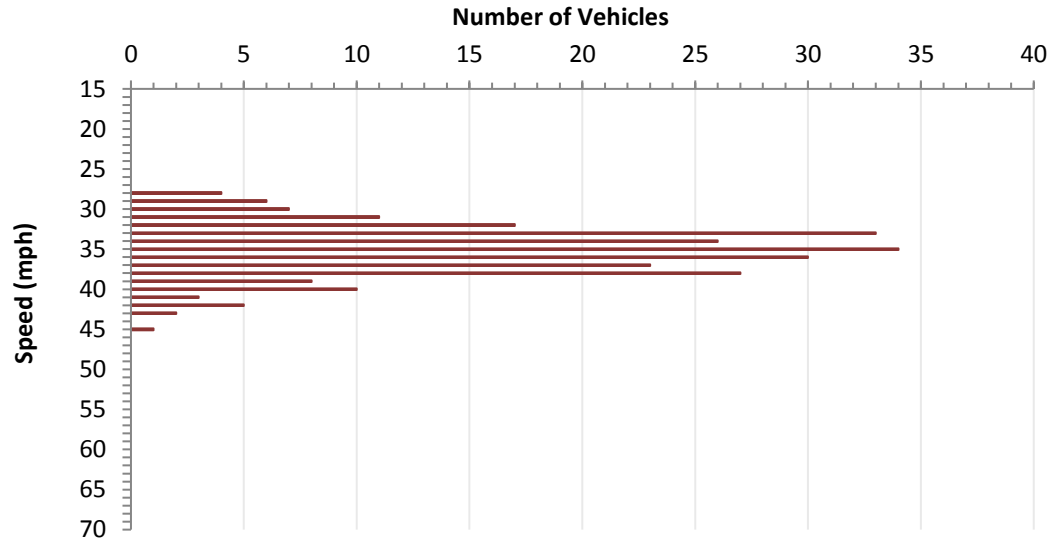


RADAR SPEED SURVEY

SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

Road Name:	El Nopal	From:	Santee City Limits	To:	Los Ranchitos Rd
Position:	Santee Boundary/Santana St	Direction:	EB/WB		
Date:	2/21/2018	Weather:	Clear	Project Number:	0
Time Start:	9:00 AM	Road Condition:	Dry	Observer:	Contractor
Time End:	11:00 AM	Posted Speed:	35 mph	Calibration Test:	0

Speed (mph)	Num. Veh.	Cum. Pct.
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		
26		
27		
28	4	1.6%
29	6	4.0%
30	7	6.9%
31	11	11.3%
32	17	18.2%
33	33	31.6%
34	26	42.1%
35	34	55.9%
36	30	68.0%
37	23	77.3%
38	27	88.3%
39	8	91.5%
40	10	95.5%
41	3	96.8%
42	5	98.8%
43	2	99.6%
44		
45	1	100.0%
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		
Total	247	



DATA ANALYSIS

Average Speed	35.1	Range	28 - 45
50th Percentile	34.6	10 mph Pace	31 - 40
85th Percentile	37.7	Number in Pace	219
90th Percentile	38.5	Percent in Pace	89%
95th Percentile	39.9		

SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE

COMMITTEE REPORT OF: June 8, 2018 **Item 2-B**

SUPERVISORIAL DISTRICT: 2

SUBJECT: Radar Recertification

LOCATION: El Nopal from Los Ranchitos Road to Riverford Road
(0.87 miles) LAKESIDE (Thos. Bros. 1231-F3)

INITIATED BY: DPW Traffic Engineering

REQUEST: Radar Recertification

PROBLEM AS STATED BY REQUESTER:

El Nopal from Los Ranchitos Road to Riverford Road is posted 40 MPH Radar Enforced. Preliminary review of prevailing speeds and roadway conditions could support radar recertification.

Existing Traffic Devices

El Nopal is a striped two-lane Through Highway varies from 26 feet to 64 feet in width. The road is classified as a Light Collector on the Circulation Element Map. El Nopal is posted 40 MPH/Radar Enforced.

Average Daily Traffic Volumes

	<u>2/18</u>	<u>01/11</u>
El Nopal:		
W/o Riverford Road	9,560	9,880

<u>Speed Data</u>		<u>85th Percentile</u>	<u>10 MPH Pace</u>	<u>% in Pace</u>
El Nopal:				
1,300' W/o Riverford Rd	(2018)	44.7 MPH	36-45	83.0%
	(2011)	43.7 MPH	36-45	80.1%

Collision Data

There have been 34 reported collisions along this segment of roadway, 11 of which involved injury, in a 5 year period (3-1-13 to 2-28-18). These collisions result in a segment accident rate of 2.25 collisions per million vehicle miles. The statewide average is 2.39 collisions per million vehicle miles for similar suburban conventional 2 lanes or less with speeds less than 45 mile per hour.

2-B. Radar Recertification

El Nopal from Los Ranchitos Road to Riverford Road (0.87 miles)



VOLUME

El Nopal 150' W/O Riverford Rd

Day: Tuesday
Date: 3/6/2018City: Lakeside
Project #: CA18_4054_006

DAILY TOTALS					NB	SB						EB	WB						Total
					0	0						4,919	4,640						9,559
AM Period	NB	SB	EB	WB	TOTAL		PM Period	NB	SB	EB	WB	TOTAL							TOTAL
00:00			5	10	15		12:00			45	61	106							
00:15			3	8	11		12:15			70	47	117							
00:30			3	6	9		12:30			69	37	106							
00:45			1	12	8	32	12:45			53	237	61	206	114	443				
01:00			4	2	6		13:00			62	72	134							
01:15			3	4	7		13:15			64	56	120							
01:30			6	6	12		13:30			70	67	137							
01:45			1	14	4	16	13:45			62	258	64	259	126	517				
02:00			2	4	6		14:00			79	70	149							
02:15			2	3	5		14:15			101	73	174							
02:30			1	2	3		14:30			84	73	157							
02:45			2	7	4	13	14:45			78	342	115	331	193	673				
03:00			2	0	2		15:00			125	120	245							
03:15			5	1	6		15:15			97	110	207							
03:30			9	2	11		15:30			86	123	209							
03:45			9	25	0	3	15:45			112	420	96	449	208	869				
04:00			9	3	12		16:00			96	108	204							
04:15			13	4	17		16:15			73	110	183							
04:30			15	3	18		16:30			85	122	207							
04:45			23	60	5	15	16:45			107	361	111	451	218	812				
05:00			22	7	29		17:00			126	125	251							
05:15			50	9	59		17:15			87	116	203							
05:30			36	17	53		17:30			75	118	193							
05:45			47	155	25	58	17:45			107	395	103	462	210	857				
06:00			42	34	76		18:00			100	99	199							
06:15			72	42	114		18:15			77	105	182							
06:30			93	46	139		18:30			78	74	152							
06:45			89	296	95	217	18:45			57	312	69	347	126	659				
07:00			138	106	244		19:00			53	39	92							
07:15			122	104	226		19:15			37	63	100							
07:30			127	115	242		19:30			44	50	94							
07:45			142	529	92	417	19:45			39	173	46	198	85	371				
08:00			115	73	188		20:00			34	37	71							
08:15			110	69	179		20:15			40	49	89							
08:30			73	70	143		20:30			39	36	75							
08:45			68	366	65	277	20:45			41	154	42	164	83	318				
09:00			65	35	100		21:00			44	32	76							
09:15			53	37	90		21:15			36	34	70							
09:30			39	48	87		21:30			17	24	41							
09:45			49	206	49	169	21:45			19	116	23	113	42	229				
10:00			53	49	102		22:00			16	27	43							
10:15			56	36	92		22:15			10	18	28							
10:30			52	38	90		22:30			6	13	19							
10:45			56	217	45	168	22:45			14	46	21	79	35	125				
11:00			39	42	81		23:00			8	8	16							
11:15			47	38	85		23:15			10	8	18							
11:30			59	33	92		23:30			3	8	11							
11:45			48	193	46	159	23:45			4	25	13	37	17	62				
TOTALS			2080	1544	3624		TOTALS			2839	3096	5935							
SPLIT %			57.4%	42.6%	37.9%		SPLIT %			47.8%	52.2%	62.1%							

DAILY TOTALS					NB	SB						EB	WB						Total
					0	0						4,919	4,640						9,559
AM Peak Hour			07:00	06:45	07:00		PM Peak Hour			15:00	16:30	16:30							
AM Pk Volume			529	420	946		PM Pk Volume			420	474	879							
Pk Hr Factor			0.931	0.913	0.969		Pk Hr Factor			0.840	0.948	0.875							
7 - 9 Volume	0	0		895	694	1589	4 - 6 Volume	0	0	756	913	1669							
7 - 9 Peak Hour			07:00	07:00	07:00		4 - 6 Peak Hour			16:30	16:30	16:30							
7 - 9 Pk Volume	0	0	529	417	946		4 - 6 Pk Volume	0	0	405	474	879							
Pk Hr Factor	0.000	0.000	0.931	0.907	0.969		Pk Hr Factor	0.000	0.000	0.804	0.948	0.875							

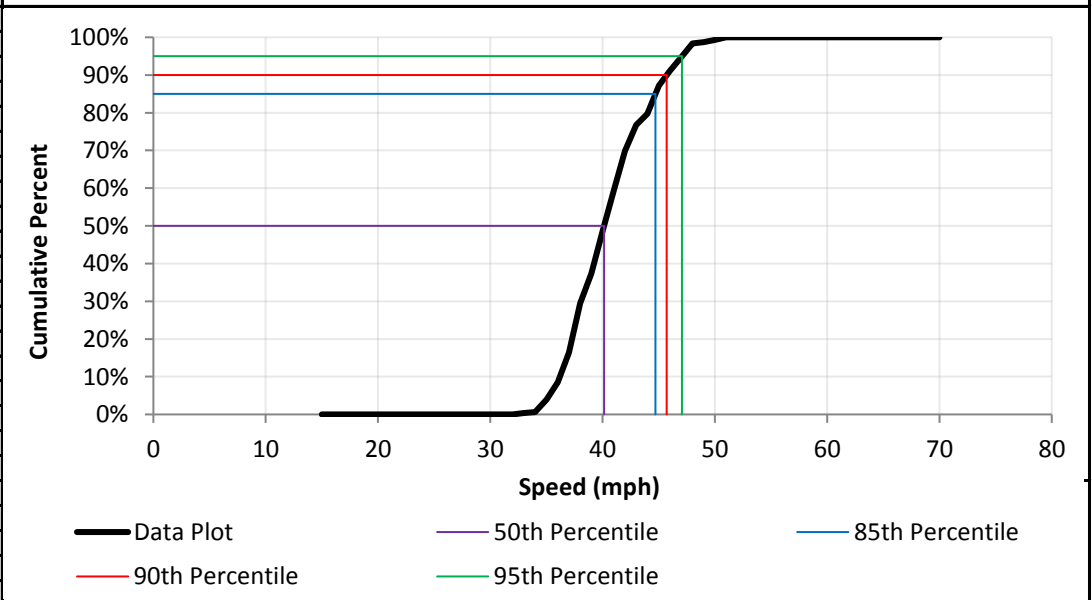
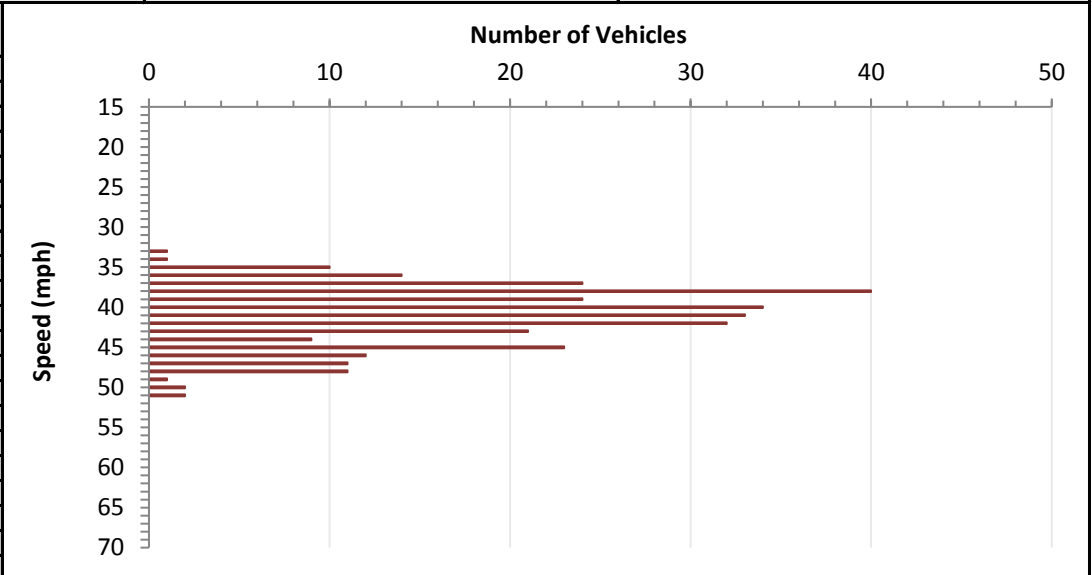


RADAR SPEED SURVEY

SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

Road Name:	El Nopal	From:	Los Ranchitos Rd	To:	Riverford Road
Position:	1,300' W/o Riverford Rd	Direction:	EB/WB		
Date:	2/21/2018	Weather:	Clear	Project Number:	0
Time Start:	11:00 AM	Road Condition:	Dry	Observer:	Contractor
Time End:	1:00 PM	Posted Speed:	40 mph	Calibration Test:	0

Speed (mph)	Num. Veh.	Cum. Pct.
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		
26		
27		
28		
29		
30		
31		
32		
33	1	0.3%
34	1	0.7%
35	10	3.9%
36	14	8.5%
37	24	16.4%
38	40	29.5%
39	24	37.4%
40	34	48.5%
41	33	59.3%
42	32	69.8%
43	21	76.7%
44	9	79.7%
45	23	87.2%
46	12	91.1%
47	11	94.8%
48	11	98.4%
49	1	98.7%
50	2	99.3%
51	2	100.0%
52		
53		
54		
55		
56		
57		
58		
59		
60		
61		
62		
63		
64		
65		
66		
67		
68		
69		
70		
Total	305	



DATA ANALYSIS

Average Speed	41.0	Range	33 - 51
50th Percentile	40.1	10 mph Pace	36 - 45
85th Percentile	44.7	Number in Pace	254
90th Percentile	45.7	Percent in Pace	83%
95th Percentile	47.1		

SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE

COMMITTEE REPORT OF: June 8, 2018

Item **2-C**

SUPERVISORIAL DISTRICT: 2

SUBJECT: Radar Recertification

LOCATION: Elm Street from Haverford Road to Olive Street (1.35 miles) RAMONA (Thos. Bros. 1152-H2)

INITIATED BY: DPW Traffic Engineering

REQUEST: Radar Recertification

PROBLEM AS STATED BY REQUESTER:

Elm Street from Haverford Road to Olive Street is posted 45 MPH Radar Enforced. Preliminary review of prevailing speeds and roadway conditions could support radar recertification.

Existing Traffic Devices

Elm Street is a striped two-lane roadway that measures approximately 28 feet in width. There is a stop control at the intersections of Haverford Road to the north of the segment. The road is classified as a Light Collector on the County General Plan Mobility Element Network. Elm Street is posted 45 MPH/Radar Enforced.

Average Daily Traffic Volumes

Elm Street:

S/o Haverford Rd

2/18

1,775

05/11

2,320

Speed Data

Elm Street:

1,200' S/o Haverford Rd

(2018)

**85th
Percentile**

49.5 MPH

**10 MPH
Pace**

38-47

**% in
Pace**

61.0%

(2011)

51.1 MPH

42-51

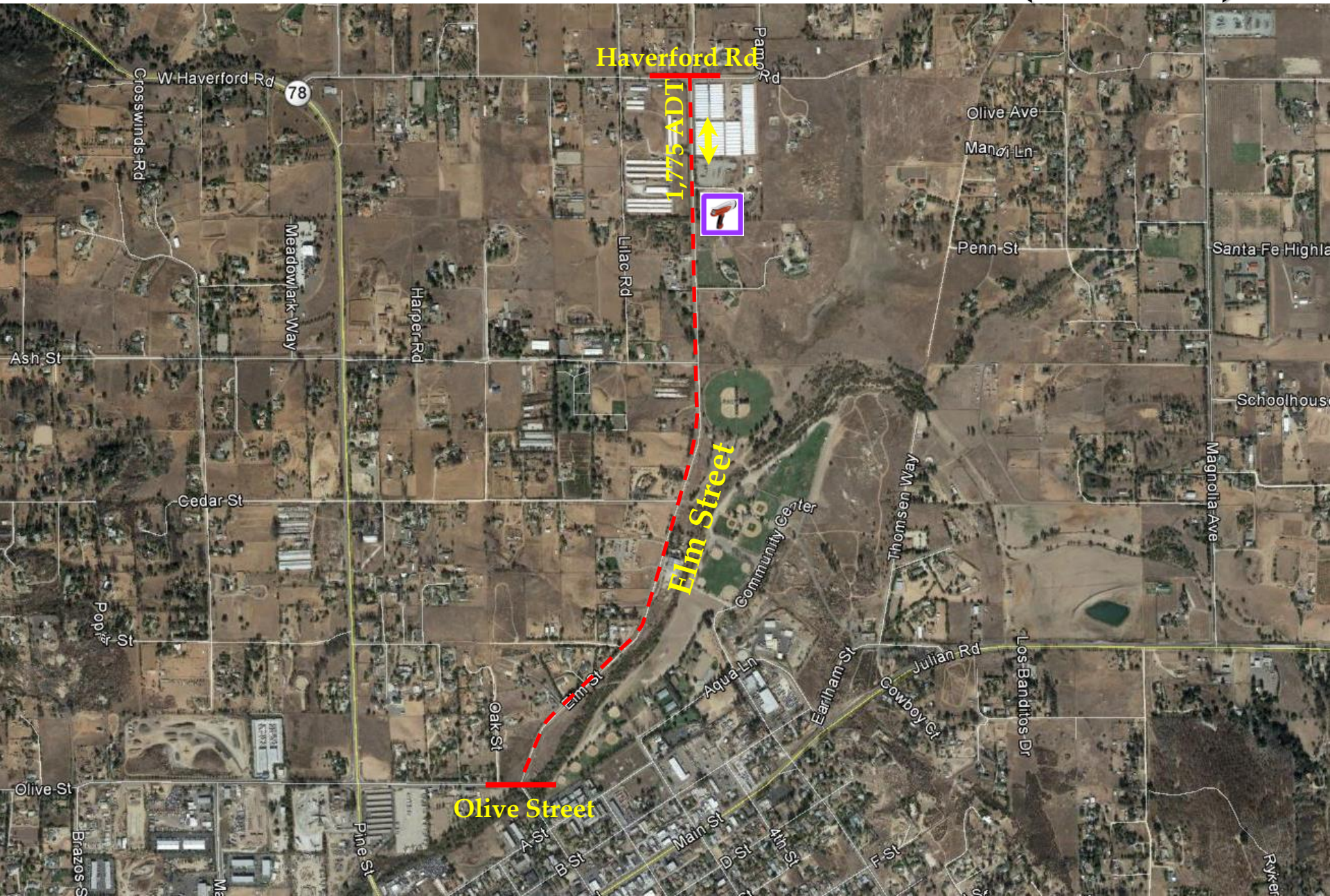
58.5%

Collision Data

There have been 11 reported collisions along this segment of roadway, 4 of which involved injury, in a 5 year period (3-1-13 to 2-28-18). These collisions result in a segment accident rate of 2.52 collisions per million vehicle miles. The statewide average is 1.32 collisions per million vehicle miles for similar suburban conventional 2 lanes or less with speeds between 45 and 55 mile per hour.

2-C. Radar Recertification

Elm Street from Haverford Road to Olive Street (1.35 miles)



VOLUME

Elm St 150' S/O Haverford Rd

Day: Tuesday
Date: 3/6/2018City: Ramona
Project #: CA18_4054_007

DAILY TOTALS					NB	SB					EB	WB	Total
					896	880					0	0	1,776
AM Period	NB	SB	EB	WB	TOTAL	PM Period	NB	SB	EB	WB	TOTAL		
00:00	1	0			1	12:00	14	11			25		
00:15	1	1			2	12:15	11	7			18		
00:30	0	0			0	12:30	10	26			36		
00:45	1	3	0	1	1	12:45	19	54	15	59	34	113	
01:00	2	0			2	13:00	12	11			23		
01:15	0	0			0	13:15	15	14			29		
01:30	1	0			1	13:30	12	15			27		
01:45	0	3	0		0	13:45	15	54	11	51	26	105	
02:00	1	0			1	14:00	18	16			34		
02:15	0	0			0	14:15	23	20			43		
02:30	0	0			0	14:30	23	12			35		
02:45	0	1	0		0	14:45	13	77	18	66	31	143	
03:00	1	0			1	15:00	8	10			18		
03:15	1	1			2	15:15	16	9			25		
03:30	0	0			0	15:30	28	39			67		
03:45	0	2	1	2	1	15:45	23	75	15	73	38	148	
04:00	0	1			1	16:00	19	23			42		
04:15	1	2			3	16:15	35	22			57		
04:30	1	3			4	16:30	21	7			28		
04:45	1	3	3	9	4	16:45	24	99	22	74	46	173	
05:00	1	4			5	17:00	26	12			38		
05:15	1	8			9	17:15	15	23			38		
05:30	1	10			11	17:30	25	12			37		
05:45	1	4	6	28	7	17:45	21	87	18	65	39	152	
06:00	4	10			14	18:00	18	20			38		
06:15	6	12			18	18:15	20	12			32		
06:30	10	14			24	18:30	16	8			24		
06:45	22	42	16	52	38	18:45	8	62	7	47	15	109	
07:00	8	20			28	19:00	9	7			16		
07:15	9	16			25	19:15	16	10			26		
07:30	7	19			26	19:30	11	4			15		
07:45	8	32	24	79	32	19:45	10	46	10	31	20	77	
08:00	18	18			36	20:00	9	2			11		
08:15	5	16			21	20:15	7	5			12		
08:30	14	10			24	20:30	8	2			10		
08:45	14	51	18	62	32	20:45	5	29	1	10	6	39	
09:00	6	18			24	21:00	5	2			7		
09:15	10	11			21	21:15	3	5			8		
09:30	9	14			23	21:30	8	3			11		
09:45	11	36	10	53	21	21:45	3	19	4	14	7	33	
10:00	11	18			29	22:00	4	1			5		
10:15	12	14			26	22:15	2	0			2		
10:30	11	11			22	22:30	3	1			4		
10:45	15	49	9	52	24	22:45	3	12	0	2	3	14	
11:00	13	12			25	23:00	0	1			1		
11:15	15	12			27	23:15	1	0			1		
11:30	8	9			17	23:30	0	1			1		
11:45	18	54	15	48	33	23:45	1	2	0	2	1	4	
TOTALS	280	386			666	TOTALS	616	494			1110		
SPLIT %	42.0%	58.0%			37.5%	SPLIT %	55.5%	44.5%			62.5%		

DAILY TOTALS					NB	SB					EB	WB	Total
					896	880					0	0	1,776
AM Peak Hour	11:15	07:00			07:15	PM Peak Hour	16:15	15:30			15:30		
AM Pk Volume	55	79			119	PM Pk Volume	106	99			204		
Pk Hr Factor	0.764	0.823			0.826	Pk Hr Factor	0.757	0.635			0.761		
7 - 9 Volume	83	141	0	0	224	4 - 6 Volume	186	139	0	0	325		
7 - 9 Peak Hour	08:00	07:00			07:15	4 - 6 Peak Hour	16:15	16:00			16:00		
7 - 9 Pk Volume	51	79	0	0	119	4 - 6 Pk Volume	106	74	0	0	173		
Pk Hr Factor	0.708	0.823	0.000	0.000	0.826	Pk Hr Factor	0.757	0.804	0.000	0.000	0.759		



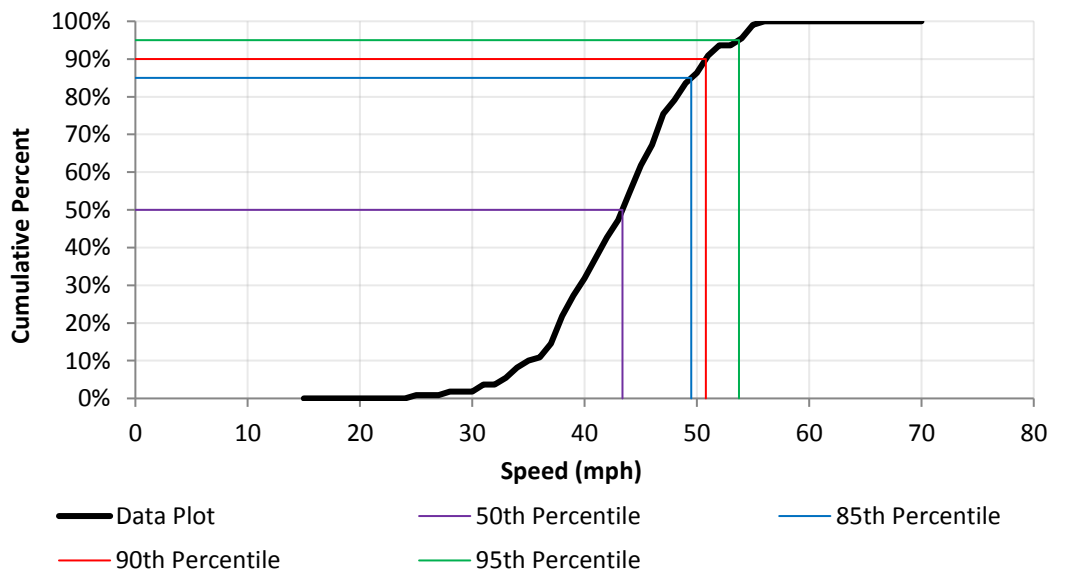
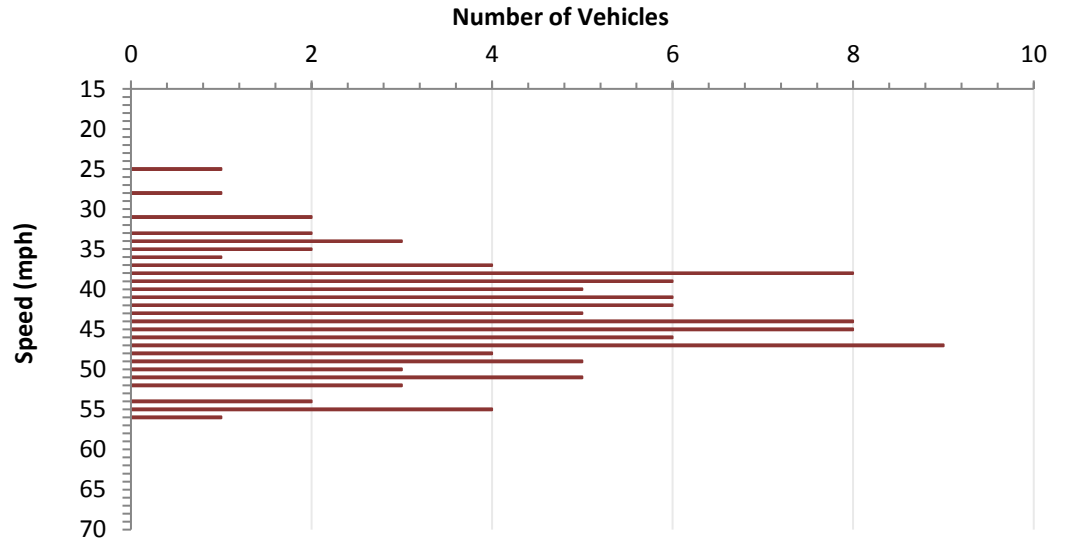
RADAR SPEED SURVEY

SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

Road Name:	Elm Street	From:	Haverford Rd	To:	Olive Street
Position:	1,200' S/o Haverford Rd	Direction:	NB/SB		

Date:	2/28/2018	Weather:	Clear	Project Number:	0
Time Start:	11:10 AM	Road Condition:	Dry	Observer:	Contractor
Time End:	1:10 PM	Posted Speed:	45 mph	Calibration Test:	0

Speed (mph)	Num. Veh.	Cum. Pct.
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25	1	0.9%
26		
27		
28	1	1.8%
29		
30		
31	2	3.6%
32		
33	2	5.5%
34	3	8.2%
35	2	10.0%
36	1	10.9%
37	4	14.5%
38	8	21.8%
39	6	27.3%
40	5	31.8%
41	6	37.3%
42	6	42.7%
43	5	47.3%
44	8	54.5%
45	8	61.8%
46	6	67.3%
47	9	75.5%
48	4	79.1%
49	5	83.6%
50	3	86.4%
51	5	90.9%
52	3	93.6%
53		
54	2	95.5%
55	4	99.1%
56	1	100.0%
57		
58		
59		
60		
61		
62		
63		
64		
65		
66		
67		
68		
69		
70		
Total	110	



DATA ANALYSIS

Average Speed	43.5	Range	25 - 56
50th Percentile	43.4	10 mph Pace	38 - 47
85th Percentile	49.5	Number in Pace	67
90th Percentile	50.8	Percent in Pace	61%
95th Percentile	53.8		

SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE

COMMITTEE REPORT OF: June 8, 2018 **Item 2-D**

SUPERVISORIAL DISTRICT: 2

SUBJECT: Radar Recertification

LOCATION: Haverford Road from SR-78 to Pamo Road (0.85 miles)
RAMONA (Thos. Bros. 1152-F3)

INITIATED BY: DPW Traffic Engineering

REQUEST: Radar Recertification

PROBLEM AS STATED BY REQUESTER:

Haverford Road from SR-78 easterly to Pamo Road is posted 45 MPH Radar Enforced. Preliminary review of prevailing speeds and roadway conditions could support radar recertification.

Existing Traffic Devices

Haverford Road is a striped two-lane roadway that measures approximately 38 to 50 feet in width. There is a short segment to west with double yellow centerline and white edge-striping on both sides of the road. The road is classified as a Light Collector on the County General Plan Mobility Element Network. Haverford Road is posted 45 MPH/Radar Enforced.

Average Daily Traffic Volumes

	<u>03/18</u>	<u>02/11</u>
Haverford Road		
150' W/o Elm St	1,560	
W/o Lilac Rd		1,430

<u>Speed Data</u>		<u>85th Percentile</u>	<u>10 MPH Pace</u>	<u>% in Pace</u>
Haverford Road:				
200' W/o Lilac Road	(2018)	50.9 MPH	43-52	53.0%
	(2011)	47.0 MPH	38-47	52.9%

Collision Data

There have been 6 reported collisions along this segment of roadway, 2 of which involved injury, in a 5 year period (3-1-13 to 2-28-18). These collisions result in a segment accident rate of 2.48 collisions per million vehicle miles. The statewide average is 1.04 collisions per million vehicle miles for similar rural conventional 2 lanes or less with speeds less than or equal 55 mile per hour.

2-D. Radar Recertification

Haverford Road from SR-78 to Pamo Road (0.85 miles)



VOLUME

Haverford Rd 150' W/O Elm St

Day: Tuesday
Date: 3/6/2018City: Ramona
Project #: CA18_4062_010

DAILY TOTALS					NB	SB						EB	WB	Total	
					0	0						824	737	1,561	
AM Period	NB	SB	EB	WB	TOTAL		PM Period	NB	SB	EB	WB	TOTAL			
00:00			0	0	0		12:00			8	11	19			
00:15			5	0	5		12:15			8	13	21			
00:30			1	0	1		12:30			11	10	21			
00:45			2	8	0	2	12:45			12	39	10	44	22	83
01:00			0	2	2		13:00			7	6	13			
01:15			1	1	2		13:15			14	12	26			
01:30			1	2	3		13:30			16	7	23			
01:45			0	2	0	5	13:45			9	46	10	35	19	81
02:00			0	1	1		14:00			10	8	18			
02:15			0	0	0		14:15			17	9	26			
02:30			0	1	1		14:30			13	11	24			
02:45			0	0	2	0	14:45			18	58	6	34	24	92
03:00			1	1	2		15:00			15	9	24			
03:15			1	1	2		15:15			21	16	37			
03:30			0	1	1		15:30			25	18	43			
03:45			1	3	1	4	15:45			20	81	17	60	37	141
04:00			0	2	2		16:00			18	15	33			
04:15			1	2	3		16:15			22	11	33			
04:30			0	5	5		16:30			22	15	37			
04:45			2	3	4	13	16:45			20	82	15	56	35	138
05:00			4	4	8		17:00			24	16	40			
05:15			0	12	12		17:15			26	8	34			
05:30			0	5	5		17:30			22	11	33			
05:45			2	6	7	28	17:45			20	92	12	47	32	139
06:00			4	14	18		18:00			19	8	27			
06:15			11	11	22		18:15			16	9	25			
06:30			16	12	28		18:30			13	11	24			
06:45			11	42	21	58	18:45			7	55	6	34	13	89
07:00			7	18	25		19:00			4	5	9			
07:15			9	14	23		19:15			9	5	14			
07:30			13	23	36		19:30			8	2	10			
07:45			13	42	19	74	19:45			10	31	4	16	14	47
08:00			10	18	28		20:00			4	3	7			
08:15			13	8	21		20:15			10	6	16			
08:30			9	13	22		20:30			4	5	9			
08:45			7	39	16	55	20:45			6	24	1	15	7	39
09:00			14	14	28		21:00			8	0	8			
09:15			8	10	18		21:15			6	1	7			
09:30			8	16	24		21:30			11	4	15			
09:45			9	39	10	50	21:45			5	30	2	7	7	37
10:00			18	10	28		22:00			5	4	9			
10:15			18	11	29		22:15			0	1	1			
10:30			6	8	14		22:30			2	0	2			
10:45			7	49	3	32	22:45			2	9	0	5	2	14
11:00			6	20	26		23:00			0	0	0			
11:15			9	24	33		23:15			0	2	2			
11:30			13	6	19		23:30			2	0	2			
11:45			14	42	11	61	23:45			0	2	0	2	0	4
TOTALS			275	382	657		TOTALS			549	355	904			
SPLIT %			41.9%	58.1%	42.1%		SPLIT %			60.7%	39.3%	57.9%			

DAILY TOTALS					NB	SB						EB	WB	Total	
					0	0						824	737	1,561	
AM Peak Hour			09:30	06:45	07:15		PM Peak Hour			16:30	15:15	15:15			
AM Pk Volume			53	76	119		PM Pk Volume			92	66	150			
Pk Hr Factor			0.736	0.826	0.826		Pk Hr Factor			0.885	0.917	0.872			
7 - 9 Volume	0	0	81	129	210		4 - 6 Volume	0	0	174	103	277			
7 - 9 Peak Hour			07:30	07:00	07:15		4 - 6 Peak Hour			16:30	16:15	16:30			
7 - 9 Pk Volume	0	0	49	74	119		4 - 6 Pk Volume	0	0	92	57	146			
Pk Hr Factor	0.000	0.000	0.942	0.804	0.826		Pk Hr Factor	0.000	0.000	0.885	0.891	0.913			



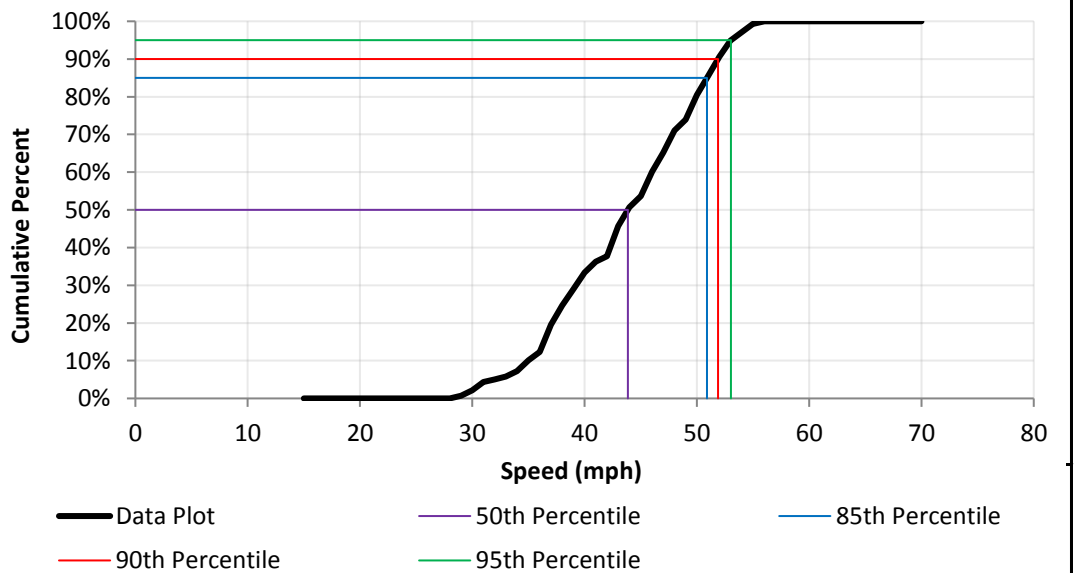
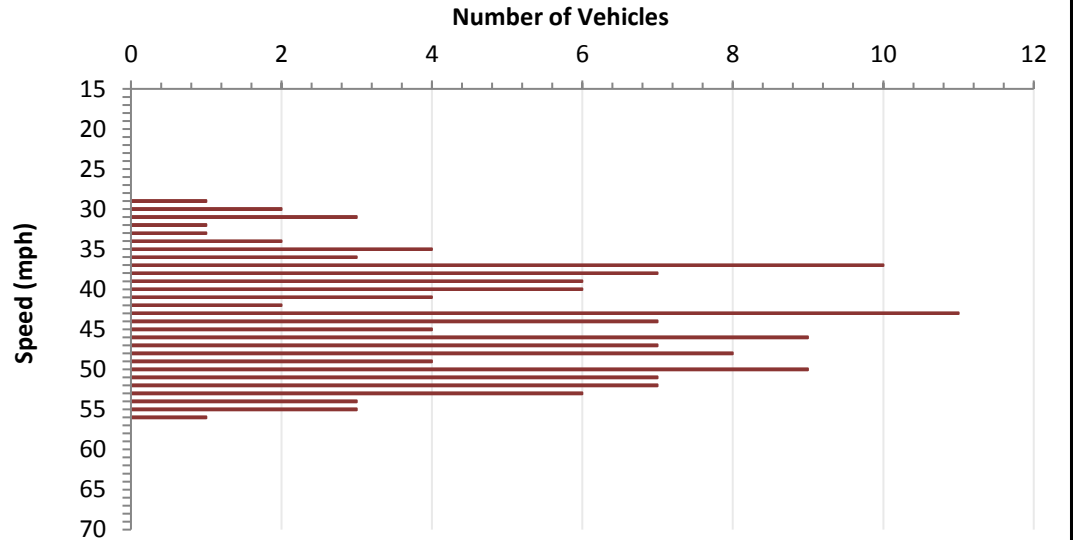
RADAR SPEED SURVEY

SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

Road Name:	Haverford Rd	From:	SR 78	To:	Pamo Rd
Position:	200' W/O Lilac Rd	Direction:	EB/WB		

Date:	2/28/2018	Weather:	Clear	Project Number:	0
Time Start:	9:00 AM	Road Condition:	Dry	Observer:	Contractor
Time End:	11:00 AM	Posted Speed:	45 mph	Calibration Test:	0

Speed (mph)	Num. Veh.	Cum. Pct.
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		
26		
27		
28		
29	1	0.7%
30	2	2.2%
31	3	4.3%
32	1	5.1%
33	1	5.8%
34	2	7.2%
35	4	10.1%
36	3	12.3%
37	10	19.6%
38	7	24.6%
39	6	29.0%
40	6	33.3%
41	4	36.2%
42	2	37.7%
43	11	45.7%
44	7	50.7%
45	4	53.6%
46	9	60.1%
47	7	65.2%
48	8	71.0%
49	4	73.9%
50	9	80.4%
51	7	85.5%
52	7	90.6%
53	6	94.9%
54	3	97.1%
55	3	99.3%
56	1	100.0%
57		
58		
59		
60		
61		
62		
63		
64		
65		
66		
67		
68		
69		
70		
Total	138	



DATA ANALYSIS

Average Speed	44.0	Range	29 - 56
50th Percentile	43.9	10 mph Pace	43 - 52
85th Percentile	50.9	Number in Pace	73
90th Percentile	51.9	Percent in Pace	53%
95th Percentile	53.0		

SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE

COMMITTEE REPORT OF: June 8, 2018 **Item 5-A**

SUPERVISORIAL DISTRICT: 5

SUBJECT: Radar Recertification

LOCATION: Rambla de las Flores from La Granada to La Orilla (0.57 miles) SAN DIEGUITO (Thos. Bros. 1168-A3)

INITIATED BY: DPW Traffic Engineering

REQUEST: Radar Recertification

PROBLEM AS STATED BY REQUESTER:

Rambla de las Flores from La Granada to La Orilla is posted 40 MPH Radar Enforced. Preliminary review of prevailing speeds and roadway conditions could support radar recertification.

Existing Traffic Devices

Rambla de las Flores is a striped two-lane roadway that measures approximately 26 feet in width. There are equestrian signs in place for both directions of travel. There is edge-striping along each side of the roadway. The road is unclassified on the Circulation Element Map and posted 40 MPH/Radar Enforced.

Average Daily Traffic Volumes

	<u>2/18</u>	<u>02/08</u>
Rambla de las Flores:		
S/o La Granada	4,030	8,970

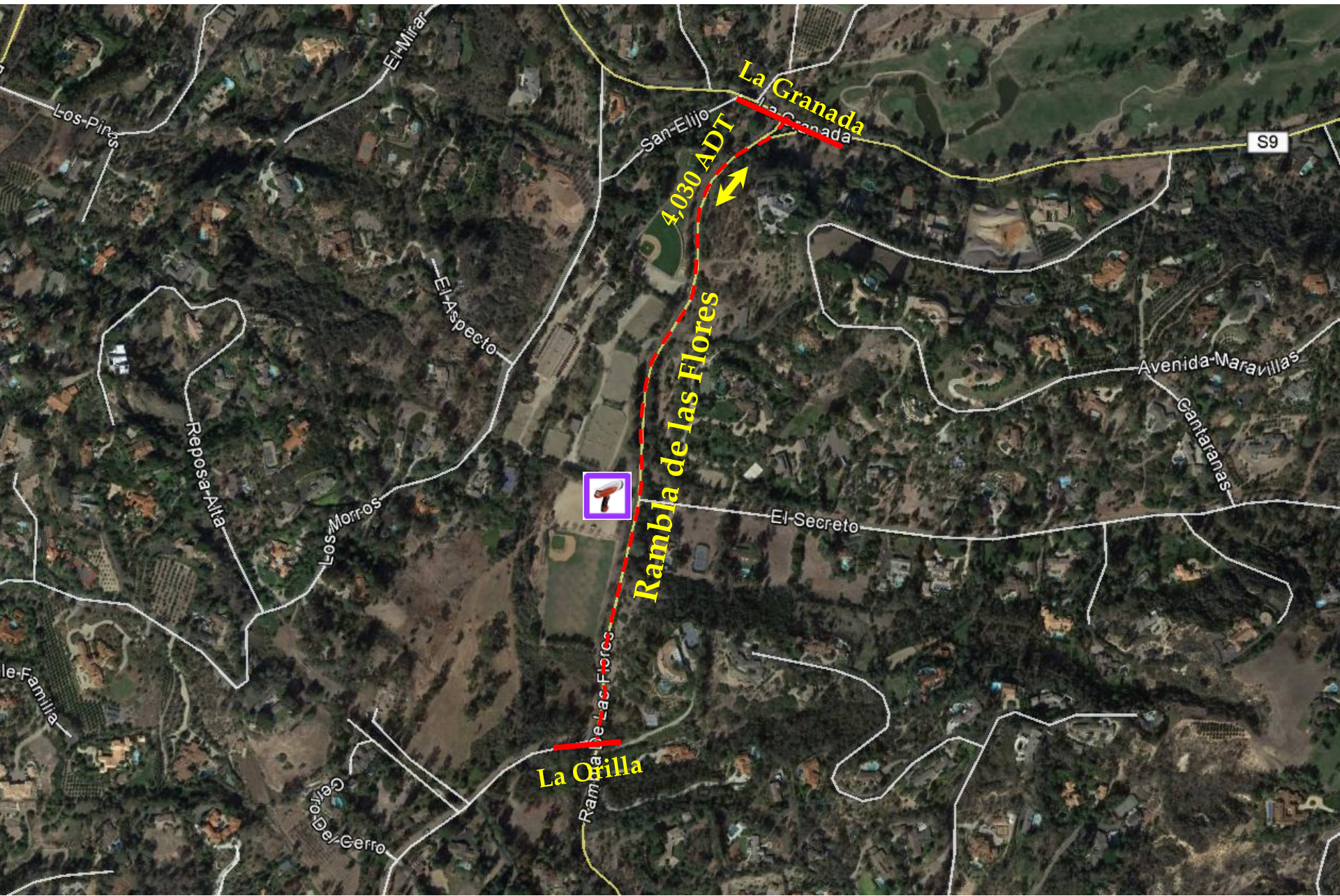
<u>Speed Data</u>		<u>85th Percentile</u>	<u>10 MPH Pace</u>	<u>% in Pace</u>
Rambla de las Flores:				
at El Secreto	(2018)	43.0 MPH	33-42	69.0%
	(2011)	42.3 MPH	34-43	70.0%

Collision Data

There have been 4 reported collisions along this segment of roadway, 1 of which involved injury, in a 4 year period (3-1-14 to 2-28-18). These collisions result in a segment accident rate of 1.19 collisions per million vehicle miles. The statewide average is 2.39 collisions per million vehicle miles for similar suburban conventional 2 lanes or less with speeds less than 45 mile per hour.

5-A. Radar Recertification

Rambla de las Flores from La Granada to La Orilla (0.57 miles)



VOLUME

Rambla De Las Flores S/O La Granada

Day: Thursday
Date: 2/22/2018City: Rancho Santa Fe
Project #: CA18_4062_007

DAILY TOTALS					NB	SB					Total
					2,000	2,031					4,031
AM Period	NB	SB	EB	WB	TOTAL	PM Period	NB	SB	EB	WB	TOTAL
00:00	1	0			1	12:00	22	35			57
00:15	0	0			0	12:15	25	35			60
00:30	1	1			2	12:30	30	27			57
00:45	0	2	0	1	0	12:45	31	108	29	126	60
01:00	0	0			0	13:00	31	21			52
01:15	0	1			1	13:15	26	25			51
01:30	0	0			0	13:30	21	31			52
01:45	0	0	1		0	13:45	30	108	24	101	54
02:00	1	0			1	14:00	40	33			73
02:15	0	0			0	14:15	37	23			60
02:30	0	0			0	14:30	53	22			75
02:45	0	1	1	1	1	14:45	42	172	35	113	77
03:00	0	0			0	15:00	54	41			95
03:15	1	0			1	15:15	63	45			108
03:30	1	0			1	15:30	54	37			91
03:45	0	2	1	1	1	15:45	70	241	43	166	113
04:00	0	1			1	16:00	67	37			104
04:15	0	1			1	16:15	80	34			114
04:30	0	0			0	16:30	83	39			122
04:45	1	1	2	4	3	16:45	74	304	33	143	107
05:00	0	2			2	17:00	60	39			99
05:15	2	5			7	17:15	63	32			95
05:30	1	4			5	17:30	101	30			131
05:45	3	6	9	20	12	17:45	57	281	25	126	82
06:00	3	6			9	18:00	43	23			66
06:15	7	18			25	18:15	24	17			41
06:30	12	30			42	18:30	36	10			46
06:45	20	42	54	108	74	18:45	24	127	21	71	45
07:00	14	56			70	19:00	22	14			36
07:15	28	73			101	19:15	14	15			29
07:30	16	59			75	19:30	11	11			22
07:45	31	89	77	265	108	19:45	8	55	9	49	17
08:00	22	77			99	20:00	4	8			12
08:15	29	77			106	20:15	14	6			20
08:30	19	50			69	20:30	12	2			14
08:45	28	98	63	267	91	20:45	7	37	12	28	19
09:00	27	41			68	21:00	4	7			11
09:15	26	38			64	21:15	6	10			16
09:30	30	30			60	21:30	2	4			6
09:45	26	109	40	149	66	21:45	5	17	2	23	7
10:00	20	37			57	22:00	1	6			7
10:15	19	26			45	22:15	3	0			3
10:30	28	27			55	22:30	0	2			2
10:45	21	88	27	117	48	22:45	2	6	1	9	3
11:00	27	36			63	23:00	1	3			4
11:15	31	26			57	23:15	1	3			4
11:30	26	47			73	23:30	2	3			5
11:45	17	101	23	132	40	23:45	1	5	1	10	2
TOTALS	539	1066			1605	TOTALS	1461	965			2426
SPLIT %	33.6%	66.4%			39.8%	SPLIT %	60.2%	39.8%			60.2%

DAILY TOTALS					NB	SB					Total
					2,000	2,031					4,031
AM Peak Hour	08:45	07:30		07:30			PM Peak Hour	16:00	15:00		15:45
AM Pk Volume	111	290		388			PM Pk Volume	304	166		453
Pk Hr Factor	0.925	0.942		0.898			Pk Hr Factor	0.916	0.922		0.928
7 - 9 Volume	187	532	0	719	0		4 - 6 Volume	585	269	0	854
7 - 9 Peak Hour	07:45	07:30		07:30			4 - 6 Peak Hour	16:00	16:15		16:00
7 - 9 Pk Volume	101	290	0	388	0		4 - 6 Pk Volume	304	145	0	447
Pk Hr Factor	0.815	0.942	0.000	0.898	0.000		Pk Hr Factor	0.916	0.929	0.000	0.916



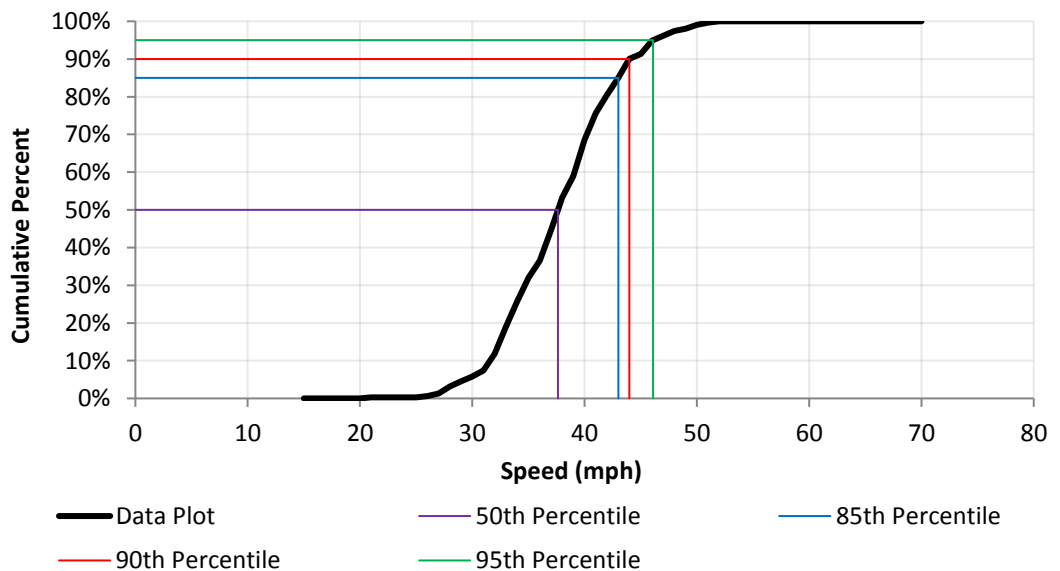
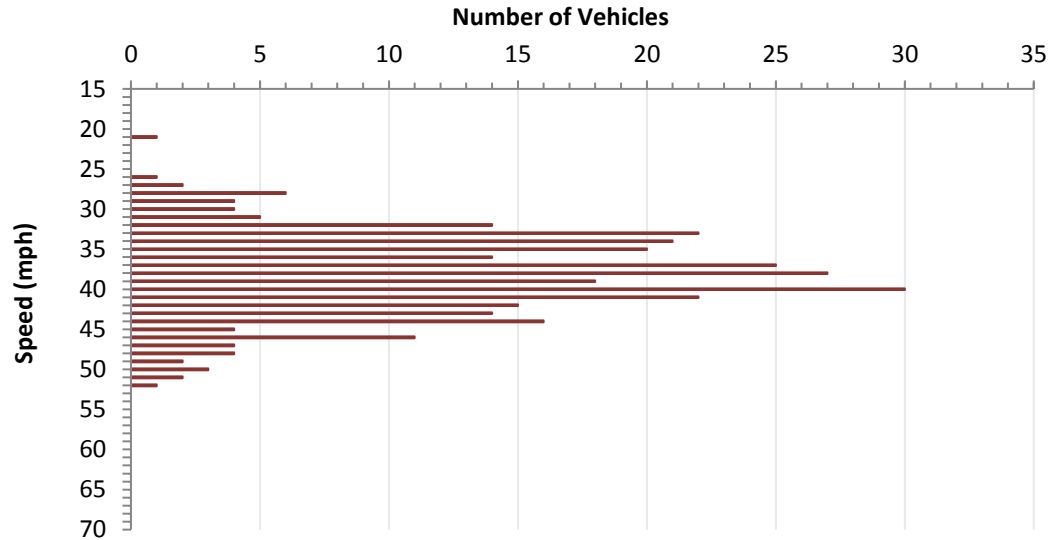
RADAR SPEED SURVEY

SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

Road Name:	Rambla De Las Flores	From:	La Granada	To:	La Orilla
Position:	at El Secreto	Direction:	NB/SB		

Date:	3/6/2018	Weather:	Clear	Project Number:	0
Time Start:	9:00 AM	Road Condition:	Dry	Observer:	Contractor
Time End:	11:00 AM	Posted Speed:	40 mph	Calibration Test:	0

Speed (mph)	Num. Veh.	Cum. Pct.
15		
16		
17		
18		
19		
20		
21	1	0.3%
22		
23		
24		
25		
26	1	0.6%
27	2	1.3%
28	6	3.2%
29	4	4.5%
30	4	5.8%
31	5	7.4%
32	14	11.9%
33	22	18.9%
34	21	25.6%
35	20	32.1%
36	14	36.5%
37	25	44.6%
38	27	53.2%
39	18	59.0%
40	30	68.6%
41	22	75.6%
42	15	80.4%
43	14	84.9%
44	16	90.1%
45	4	91.3%
46	11	94.9%
47	4	96.2%
48	4	97.4%
49	2	98.1%
50	3	99.0%
51	2	99.7%
52	1	100.0%
53		
54		
55		
56		
57		
58		
59		
60		
61		
62		
63		
64		
65		
66		
67		
68		
69		
70		
Total	312	



DATA ANALYSIS

Average Speed	38.2	Range	21 - 52
50th Percentile	37.6	10 mph Pace	33 - 42
85th Percentile	43.0	Number in Pace	214
90th Percentile	44.0	Percent in Pace	69%
95th Percentile	46.1		

SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE

COMMITTEE REPORT OF: June 8, 2018

Item **5-B**

SUPERVISORIAL DISTRICT: 5

SUBJECT: Radar Recertification

LOCATION: Rambla de las Flores from La Orilla to Linea Del Cielo
(1.02 miles) SAN DIEGUITO (Thos. Bros. 1168-A4)

INITIATED BY: DPW Traffic Engineering

REQUEST: Radar Recertification

PROBLEM AS STATED BY REQUESTER:

Rambla de las Flores from La Orilla to Linea Del Cielo is posted 40 MPH Radar Enforced. Preliminary review of prevailing speeds and roadway conditions could support radar recertification.

Existing Traffic Devices

Rambla de Las Flores is a striped two-lane roadway that measures approximately 26 feet in width. There is edge striping along both sides of the roadway. The road is unclassified on the County General Plan Mobility Element Network. The road is posted 40 MPH/Radar Enforced.

Average Daily Traffic Volumes

	<u>2/18</u>	<u>01/09</u>
Rambla de las Flores:		
N/o Linea del Cielo	2,890	3,300

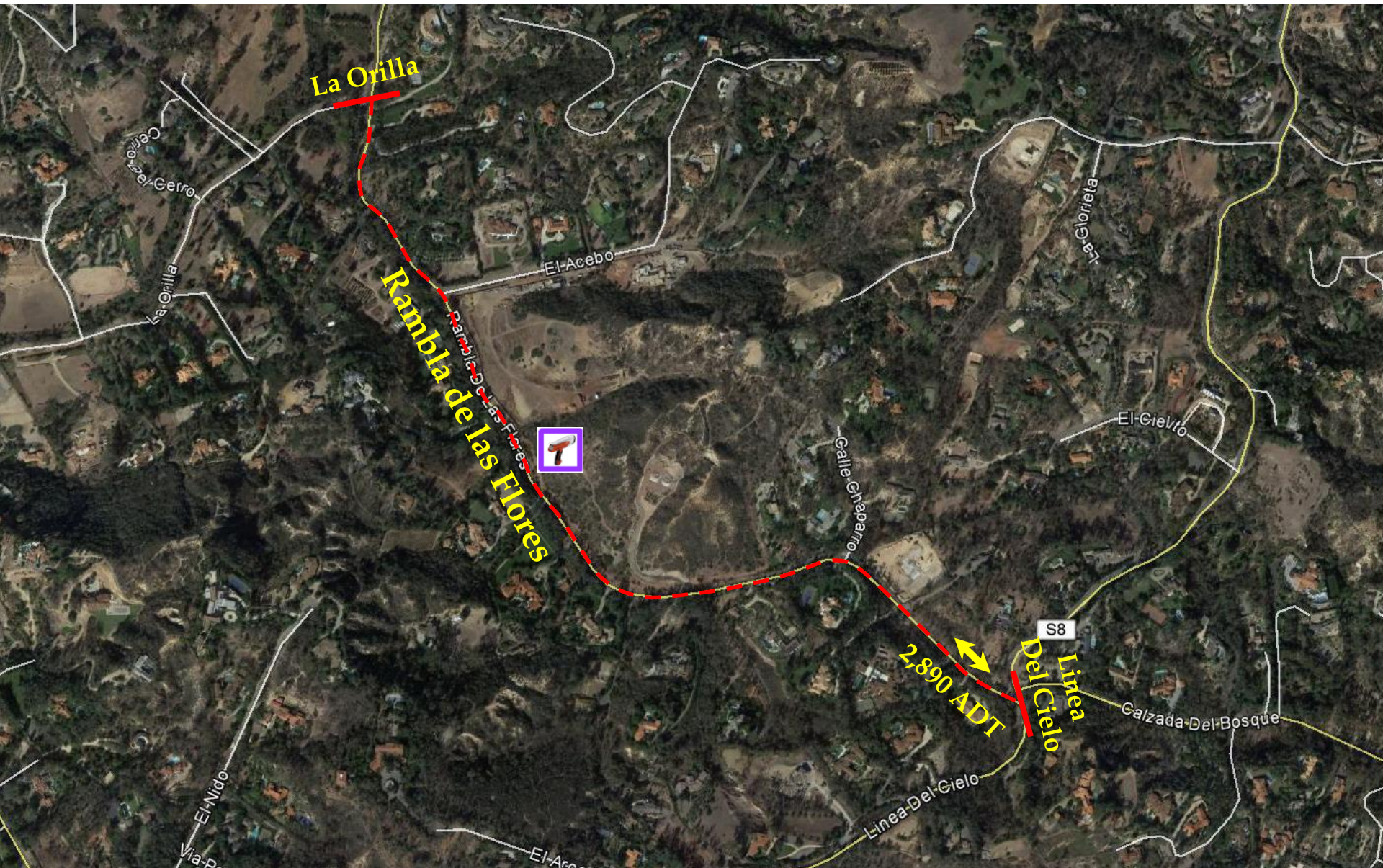
<u>Speed Data</u>	<u>85th Percentile</u>	<u>10 MPH Pace</u>	<u>% in Pace</u>
Rambla de las Flores:			
1,960' N/o Calle Chaparro (2018)	40.7 MPH	32-41	71.0%
(2014)	43.0 MPH	34-43	77.0%

Collision Data

There have been 9 reported collisions along this segment of roadway, 2 of which involved injury, in a 5 year period (3-1-13 to 2-28-18). These collisions result in a segment accident rate of 1.68 collisions per million vehicle miles. The statewide average is 2.39 collisions per million vehicle miles for similar suburban conventional 2 lanes or less with speeds less than 45 mile per hour.

5-B. Radar Recertification

Rambla De Las Flores from La Orilla to Linea Del Cielo (1.02 miles)



VOLUME

Rambla De Las Flores 150' N/O Linea del Cielo

Day: Thursday
Date: 2/22/2018City: Rancho Santa Fe
Project #: CA18_4062_004

DAILY TOTALS					NB	SB						EB	WB	Total	
					1,421	1,467						0	0	2,888	
AM Period	NB	SB	EB	WB	TOTAL		PM Period	NB	SB	EB	WB	TOTAL			
00:00	1	1			2		12:00	10	27			37			
00:15	2	1			3		12:15	17	26			43			
00:30	1	1			2		12:30	24	19			43			
00:45	0	4	1	4	1	8	12:45	24	75	18	90	42	165		
01:00	0	0			0		13:00	20	25			45			
01:15	0	1			1		13:15	12	23			35			
01:30	0	0			0		13:30	17	19			36			
01:45	0	0	1		0	1	13:45	19	68	21	88	40	156		
02:00	1	0			1		14:00	27	21			48			
02:15	0	3			3		14:15	23	22			45			
02:30	0	0			0		14:30	36	15			51			
02:45	0	1	1	4	1	5	14:45	28	114	28	86	56	200		
03:00	0	0			0		15:00	40	29			69			
03:15	1	0			1		15:15	41	26			67			
03:30	0	0			0		15:30	41	28			69			
03:45	0	1	1	1	1	2	15:45	51	173	20	103	71	276		
04:00	0	0			0		16:00	58	27			85			
04:15	0	2			2		16:15	61	28			89			
04:30	0	0			0		16:30	65	20			85			
04:45	0	1	3		1	3	16:45	52	236	30	105	82	341		
05:00	0	0			0		17:00	45	26			71			
05:15	2	4			6		17:15	44	28			72			
05:30	0	5			5		17:30	63	27			90			
05:45	3	5	2	11	5	16	17:45	40	192	32	113	72	305		
06:00	4	7			11		18:00	37	16			53			
06:15	10	14			24		18:15	15	14			29			
06:30	8	16			24		18:30	25	9			34			
06:45	9	31	34	71	43	102	18:45	17	94	14	53	31	147		
07:00	11	37			48		19:00	17	7			24			
07:15	21	62			83		19:15	7	12			19			
07:30	12	45			57		19:30	8	5			13			
07:45	14	58	50	194	64	252	19:45	8	40	3	27	11	67		
08:00	24	43			67		20:00	6	2			8			
08:15	12	57			69		20:15	9	9			18			
08:30	24	41			65		20:30	5	3			8			
08:45	23	83	40	181	63	264	20:45	3	23	6	20	9	43		
09:00	16	35			51		21:00	2	4			6			
09:15	20	27			47		21:15	4	8			12			
09:30	16	27			43		21:30	4	4			8			
09:45	20	72	26	115	46	187	21:45	2	12	2	18	4	30		
10:00	17	25			42		22:00	2	1			3			
10:15	17	16			33		22:15	2	1			3			
10:30	16	14			30		22:30	0	1			1			
10:45	13	63	23	78	36	141	22:45	2	6	1	4	3	10		
11:00	12	19			31		23:00	2	2			4			
11:15	24	19			43		23:15	2	1			3			
11:30	14	27			41		23:30	3	3			6			
11:45	12	62	26	91	38	153	23:45	1	8	0	6	1	14		
TOTALS	380	754			1134		TOTALS	1041	713			1754			
SPLIT %	33.5%	66.5%			39.3%		SPLIT %	59.4%	40.6%			60.7%			

DAILY TOTALS					NB	SB						EB	WB	Total	
					1,421	1,467						0	0	2,888	
AM Peak Hour	08:00	07:15			07:15		PM Peak Hour	16:00	17:00			16:00			
AM Pk Volume	83	200			271		PM Pk Volume	236	113			341			
Pk Hr Factor	0.865	0.806			0.816		Pk Hr Factor	0.908	0.883			0.958			
7 - 9 Volume	141	375	0	0	516		4 - 6 Volume	428	218	0	0	646			
7 - 9 Peak Hour	08:00	07:15			07:15		4 - 6 Peak Hour	16:00	17:00			16:00			
7 - 9 Pk Volume	83	200	0	0	271		4 - 6 Pk Volume	236	113	0	0	341			
Pk Hr Factor	0.865	0.806	0.000	0.000	0.816		Pk Hr Factor	0.908	0.883	0.000	0.000	0.958			



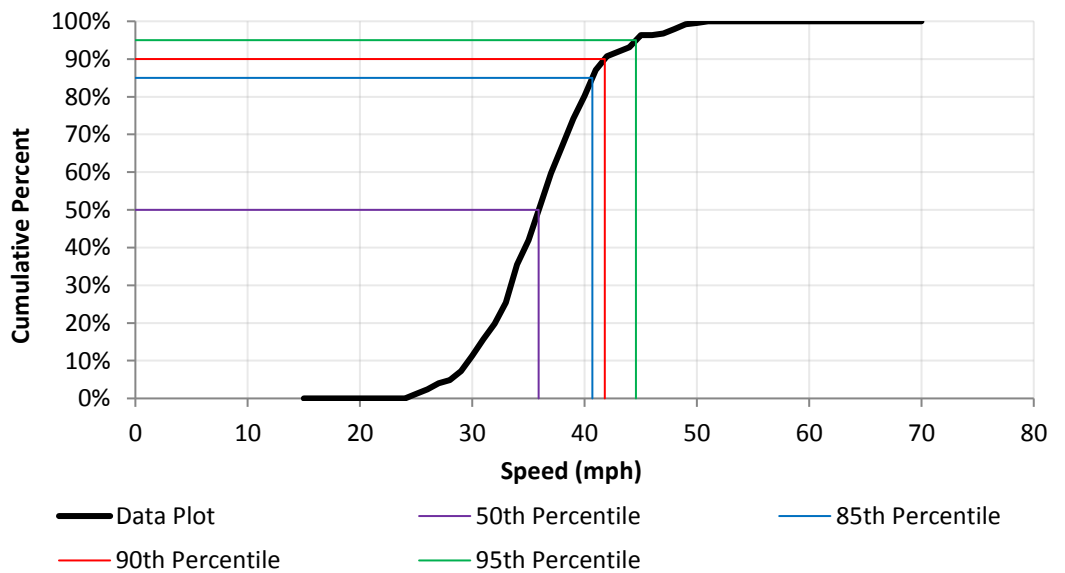
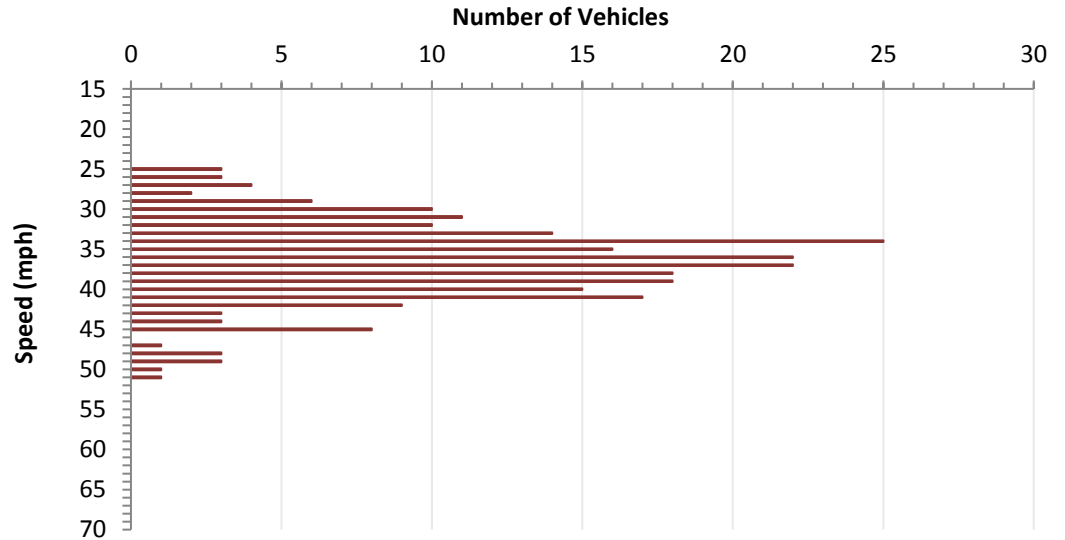
RADAR SPEED SURVEY

SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

Road Name:	Rambla De Las Flores	From:	La Granada	To:	Linea del Cielo
Position:	1,960' N/o Calle Chaparro	Direction:	NB/SB		

Date:	3/6/2018	Weather:	Clear	Project Number:	0
Time Start:	12:15 PM	Road Condition:	Dry	Observer:	Contractor
Time End:	2:15 PM	Posted Speed:	40 mph	Calibration Test:	0

Speed (mph)	Num. Veh.	Cum. Pct.
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25	3	1.2%
26	3	2.4%
27	4	4.0%
28	2	4.8%
29	6	7.3%
30	10	11.3%
31	11	15.7%
32	10	19.8%
33	14	25.4%
34	25	35.5%
35	16	41.9%
36	22	50.8%
37	22	59.7%
38	18	66.9%
39	18	74.2%
40	15	80.2%
41	17	87.1%
42	9	90.7%
43	3	91.9%
44	3	93.1%
45	8	96.4%
46		
47	1	96.8%
48	3	98.0%
49	3	99.2%
50	1	99.6%
51	1	100.0%
52		
53		
54		
55		
56		
57		
58		
59		
60		
61		
62		
63		
64		
65		
66		
67		
68		
69		
70		
Total	248	



DATA ANALYSIS

Average Speed	36.5	Range	25 - 51
50th Percentile	35.9	10 mph Pace	32 - 41
85th Percentile	40.7	Number in Pace	177
90th Percentile	41.8	Percent in Pace	71%
95th Percentile	44.6		

SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE

COMMITTEE REPORT OF: June 8, 2018

Item 5-C

SUPERVISORIAL DISTRICT: 5

SUBJECT: Radar Recertification

LOCATION: North Lake Wohlford Road from Guejito Road to Valley Center Road (3.32 miles) VALLEY CENTER (Thos. Bros. 1111-C1)

INITIATED BY: DPW Traffic Engineering

REQUEST: Radar Recertification

PROBLEM AS STATED BY REQUESTER:

North Lake Wohlford Road from Guejito Road northerly to Valley Center Road is posted 45 MPH Radar Enforced. Preliminary review of prevailing speeds and roadway conditions could support radar recertification.

Existing Traffic Devices

North Lake Wohlford Road is a striped two-lane Through Highway that varies from 24 to 50 feet in width. The appropriate school zone signs and pavement legends are in place in the vicinity of Valley Center Middle School. There is edge-striping along both sides of the roadway. The road is classified as a Collector on the County General Plan Mobility Element Network. North Lake Wohlford Road is posted 45 MPH/Radar Enforced.

Average Daily Traffic Volumes

	<u>2/18</u>	<u>03/08</u>
North Lake Wohlford Road:		
N/o Woods Valley Road	4,635	7,550

<u>Speed Data</u>	<u>85th Percentile</u>	<u>10 MPH Pace</u>	<u>% in Pace</u>
North Lake Wohlford Road:			
3,350' N/o Lake Wohlford Rd (2018)	49.3 MPH	40-49	76.0%
(630' N/o Mile Post 5)			
(2011)	49.5 MPH	42-51	68.2%
315' N/o Lake Wohlford Ln (2018)	47.3 MPH	38-47	75.0%
(620' N/o Mile Post 7)			
(2011)	47.1 MPH	38-47	67.6%
Speed Zone (2018)	48.3 MPH	39-48	75.5%

Collision Data

There have been 63 reported collisions along this segment of roadway, 53 of which involved injury, in a 5 year 1 month period (1-30-13 to 2-28-18). These collisions result in a segment accident rate of 2.21 collisions per million vehicle miles. The statewide average is 1.22 collisions per million vehicle miles for similar rural conventional 2 lanes or less with speeds less than or equal 55 mile per hour.

5-C. Radar Recertification

N. Lake Wohlford Rd from Guejito Rd to Valley Center Rd (3.32 miles)



VOLUME

N Lake Wohlford Rd N/O WoodsValley/Paradise Mtn Rd

Day: Tuesday
Date: 2/20/2018City: Valley Center
Project #: CA18_4062_009

DAILY TOTALS					NB	SB						EB	WB						Total
					2,337	2,299						0	0						4,636
AM Period	NB	SB	EB	WB	TOTAL		PM Period	NB	SB	EB	WB	TOTAL							
00:00	8	18			26		12:00	30	37			67							
00:15	2	10			12		12:15	32	28			60							
00:30	13	8			21		12:30	32	43			75							
00:45	8	31	9	45	17	76	12:45	42	136	35	143	77	279						
01:00	5	12			17		13:00	42	34			76							
01:15	3	1			4		13:15	39	40			79							
01:30	4	11			15		13:30	42	34			76							
01:45	3	15	5	29	8	44	13:45	47	170	34	142	81	312						
02:00	5	1			6		14:00	45	44			89							
02:15	3	7			10		14:15	37	45			82							
02:30	0	3			3		14:30	34	44			78							
02:45	1	9	3	14	4	23	14:45	18	134	42	175	60	309						
03:00	6	10			16		15:00	51	65			116							
03:15	4	2			6		15:15	42	34			76							
03:30	0	6			6		15:30	43	55			98							
03:45	1	11	1	19	2	30	15:45	48	184	39	193	87	377						
04:00	2	4			6		16:00	48	70			118							
04:15	3	6			9		16:15	40	48			88							
04:30	6	7			13		16:30	42	60			102							
04:45	7	18	6	23	13	41	16:45	36	166	61	239	97	405						
05:00	6	6			12		17:00	44	60			104							
05:15	9	7			16		17:15	45	34			79							
05:30	11	14			25		17:30	39	65			104							
05:45	18	44	12	39	30	83	17:45	52	180	29	188	81	368						
06:00	8	8			16		18:00	41	36			77							
06:15	27	17			44		18:15	44	33			77							
06:30	31	17			48		18:30	26	21			47							
06:45	31	97	22	64	53	161	18:45	23	134	33	123	56	257						
07:00	23	29			52		19:00	27	30			57							
07:15	23	20			43		19:15	35	20			55							
07:30	24	36			60		19:30	18	14			32							
07:45	49	119	20	105	69	224	19:45	15	95	24	88	39	183						
08:00	51	18			69		20:00	17	22			39							
08:15	44	31			75		20:15	16	19			35							
08:30	42	19			61		20:30	16	21			37							
08:45	33	170	19	87	52	257	20:45	14	63	25	87	39	150						
09:00	22	23			45		21:00	16	18			34							
09:15	27	36			63		21:15	23	14			37							
09:30	33	24			57		21:30	17	26			43							
09:45	43	125	23	106	66	231	21:45	13	69	11	69	24	138						
10:00	27	30			57		22:00	18	37			55							
10:15	35	27			62		22:15	17	10			27							
10:30	30	20			50		22:30	15	12			27							
10:45	41	133	20	97	61	230	22:45	9	59	14	73	23	132						
11:00	27	27			54		23:00	6	15			21							
11:15	38	23			61		23:15	6	9			15							
11:30	45	33			78		23:30	4	13			17							
11:45	42	152	27	110	69	262	23:45	7	23	4	41	11	64						
TOTALS	924	738			1662		TOTALS	1413	1561			2974							
SPLIT %	55.6%	44.4%			35.8%		SPLIT %	47.5%	52.5%			64.2%							

DAILY TOTALS					NB	SB						EB	WB						Total
					2,337	2,299						0	0						4,636
AM Peak Hour	07:45	11:45			11:15		PM Peak Hour	15:00	16:00			16:00							
AM Pk Volume	186	135			275		PM Pk Volume	184	239			405							
Pk Hr Factor	0.912	0.785			0.881		Pk Hr Factor	0.902	0.854			0.858							
7 - 9 Volume	289	192	0	0	481		4 - 6 Volume	346	427	0	0	773							
7 - 9 Peak Hour	07:45	07:00			07:45		4 - 6 Peak Hour	17:00	16:00			16:00							
7 - 9 Pk Volume	186	105	0	0	274		4 - 6 Pk Volume	180	239	0	0	405							
Pk Hr Factor	0.912	0.729	0.000	0.000	0.913		Pk Hr Factor	0.865	0.854	0.000	0.000	0.858							



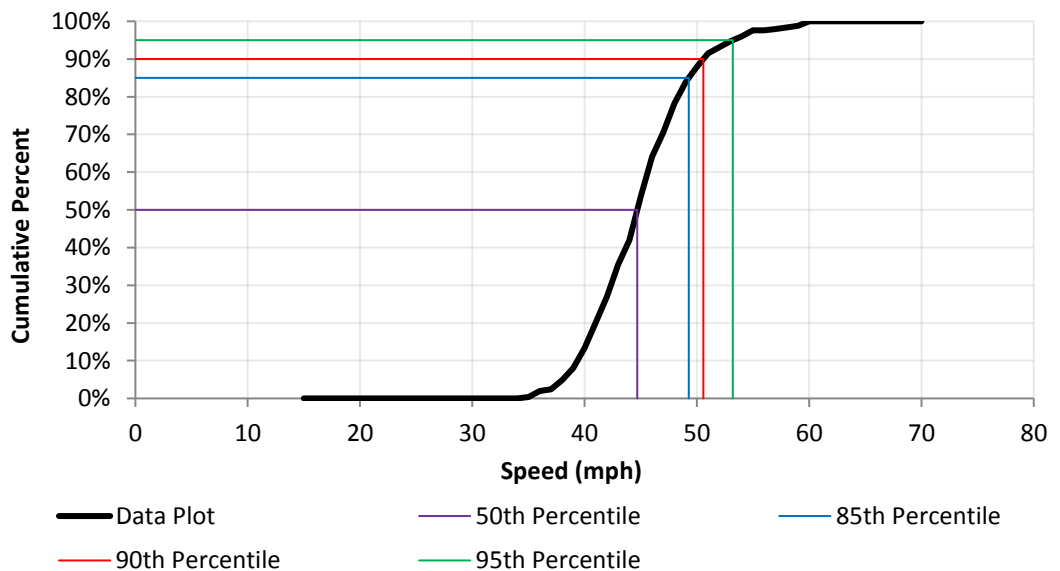
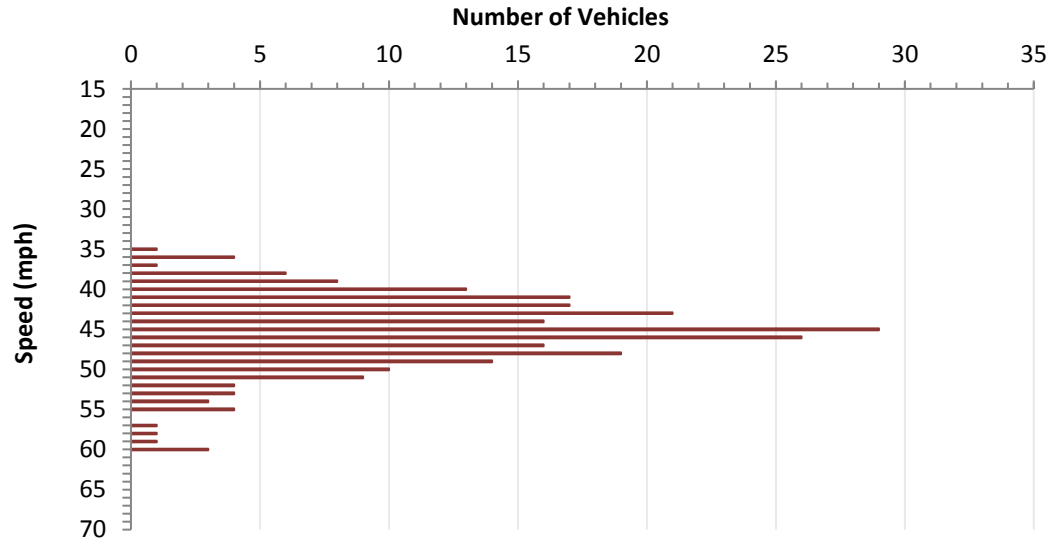
RADAR SPEED SURVEY

SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

Road Name:	N. Lake Wohlford Rd	From:	Guejito Rd	To:	Valley Center Rd
Position:	3,350' N/o Lake Wholford Road	Direction:	NB/SB		

Date:	3/1/2018	Weather:	Clear	Project Number:	0
Time Start:	11:00 AM	Road Condition:	Dry	Observer:	Contractor
Time End:	1:00 PM	Posted Speed:	45 mph	Calibration Test:	0

Speed (mph)	Num. Veh.	Cum. Pct.
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		
26		
27		
28		
29		
30		
31		
32		
33		
34		
35	1	0.4%
36	4	2.0%
37	1	2.4%
38	6	4.8%
39	8	8.1%
40	13	13.3%
41	17	20.2%
42	17	27.0%
43	21	35.5%
44	16	41.9%
45	29	53.6%
46	26	64.1%
47	16	70.6%
48	19	78.2%
49	14	83.9%
50	10	87.9%
51	9	91.5%
52	4	93.1%
53	4	94.8%
54	3	96.0%
55	4	97.6%
56		
57	1	98.0%
58	1	98.4%
59	1	98.8%
60	3	100.0%
61		
62		
63		
64		
65		
66		
67		
68		
69		
70		
Total	248	



DATA ANALYSIS

Average Speed	45.4	Range	35 - 60
50th Percentile	44.7	10 mph Pace	40 - 49
85th Percentile	49.3	Number in Pace	188
90th Percentile	50.6	Percent in Pace	76%
95th Percentile	53.2		



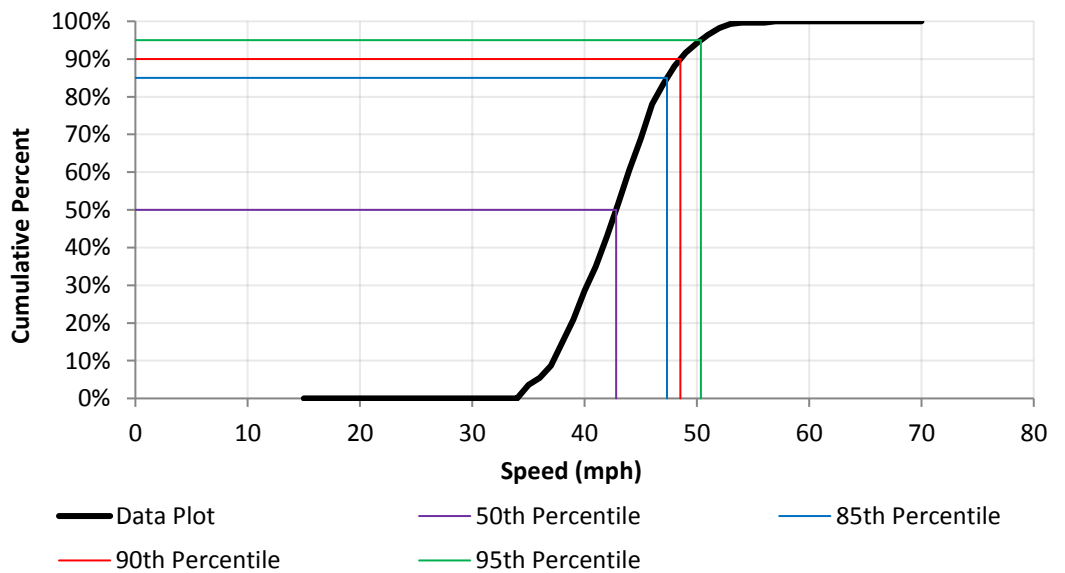
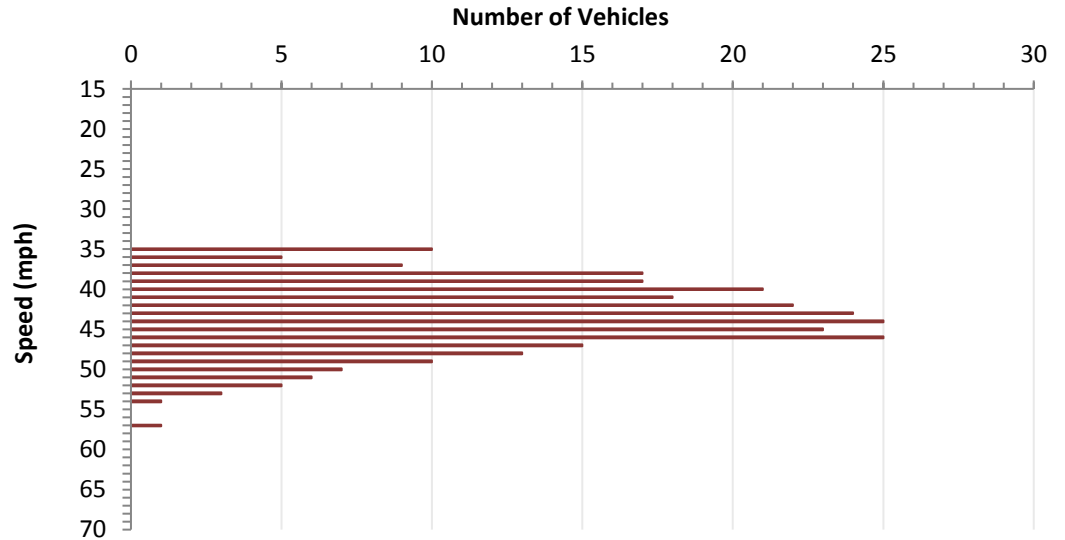
RADAR SPEED SURVEY

SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

Road Name:	N. Lake Wohlford Rd	From:	Guejito Rd	To:	Valley Center Rd
Position:	315' N/o Lake Wohlford Ln	Direction:	NB/SB		

Date:	3/1/2018	Weather:	Clear	Project Number:	0
Time Start:	9:00 AM	Road Condition:	Dry	Observer:	Contractor
Time End:	11:00 AM	Posted Speed:	45 mph	Calibration Test:	0

Speed (mph)	Num. Veh.	Cum. Pct.
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		
26		
27		
28		
29		
30		
31		
32		
33		
34		
35	10	3.6%
36	5	5.4%
37	9	8.7%
38	17	14.8%
39	17	20.9%
40	21	28.5%
41	18	35.0%
42	22	43.0%
43	24	51.6%
44	25	60.6%
45	23	69.0%
46	25	78.0%
47	15	83.4%
48	13	88.1%
49	10	91.7%
50	7	94.2%
51	6	96.4%
52	5	98.2%
53	3	99.3%
54	1	99.6%
55		
56		
57	1	100.0%
58		
59		
60		
61		
62		
63		
64		
65		
66		
67		
68		
69		
70		
Total	277	



DATA ANALYSIS

Average Speed	43.3	Range	35 - 57
50th Percentile	42.8	10 mph Pace	38 - 47
85th Percentile	47.3	Number in Pace	207
90th Percentile	48.5	Percent in Pace	75%
95th Percentile	50.4		