

# 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

County of San Diego Fire Authority  
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  
Pacific Safety Center  
San Diego County Sheriff's  
Department

March 3, 2021

TO: Community Planning/Sponsor Group Chairpersons

FROM: Secretary, Traffic Advisory Committee

## MEETING NOTICE

Attached is the preliminary agenda for the March 12, 2021 meeting of the Traffic Advisory Committee (TAC).

\*\*\*

**Social distancing is currently mandatory due to the COVID-19 pandemic. This TAC meeting on March 12, 2021, will be conducted with a virtual meeting platform option. Please use this link below to join the meeting:**

Microsoft Teams meeting

[Click here to join the meeting](#)

**Or call in (audio only)**

[+1 619-343-2539,,801398243#](#) United States, San Diego

Phone Conference ID: 801 398 243#

[Find a local number](#) | [Learn More](#)

\*\*\*

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:bb

Attachment



# **SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE**

**March 12, 2021 ~ 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**

---

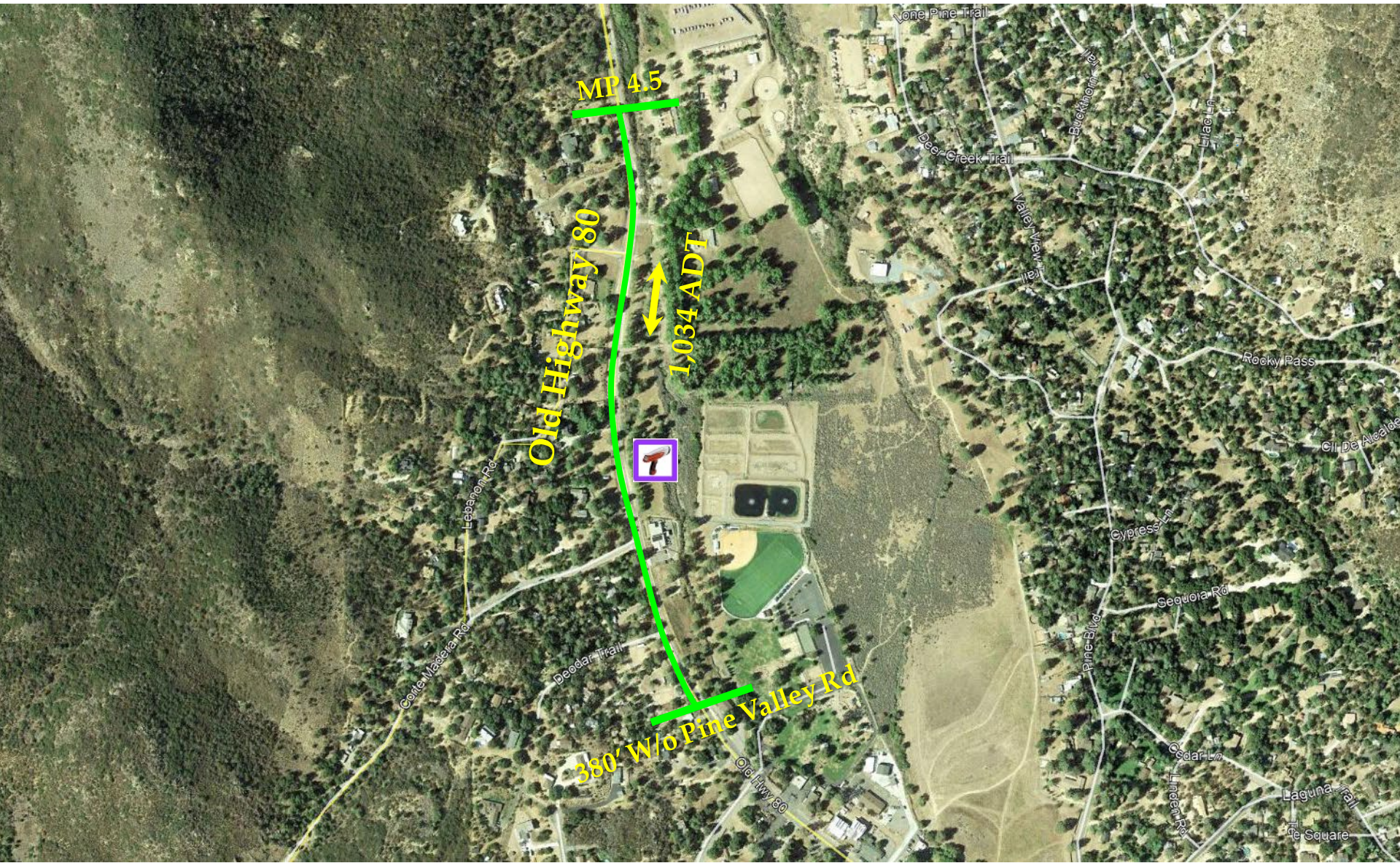
<b>SUBJECT</b>	<b>LOCATION</b>	<b>AREA/ PLANNING/SPONSOR GROUP</b>
<b><u>SUPERVISORIAL DISTRICT 2</u></b>		
<b>2-A. RADAR CERTIFICATION</b>	<b>OLD HIGHWAY 80 MP 4.5 TO 380' W/O PINE VALLEY RD</b>	<b>PINE VALLEY/ PINE VALLEY CSG</b>
<b>2-B. RADAR CERTIFICATION</b>	<b>OLD HIGHWAY 80 380' W/O PINE VALLEY RD TO 800' E/O OAK LN</b>	<b>PINE VALLEY/ PINE VALLEY CSG</b>
<b>2-C. MID BLOCK CROSSWALK</b>	<b>ALPINE BOULEVARD 660' W/O BOULDERS RD</b>	<b>ALPINE/ ALPINE CPG</b>
<b><u>SUPERVISORIAL DISTRICT 5</u></b>		
<b>5-A. RADAR CERTIFICATION</b>	<b>ALISO CANYON ROAD EL CAMINO DEL NORTE TO AVENIDA DEL DUQUE</b>	<b>SAN DIEGUITO/ SAN DIEGUITO CPG</b>
<b>5-B. RADAR CERTIFICATION</b>	<b>EL MIRLO RANCHO SANTA FE RD TO VIA DE FORTUNA</b>	<b>RANCHO SANTA FE/ SAN DIEGUITO CPG</b>
<b>5-C. RADAR CERTIFICATION</b>	<b>KAUANA LOA DRIVE COUNTRY CLUB RD TO OAK VIEW WY</b>	<b>HARMONY GROVE/ SAN DIEGUITO CPG</b>
<b>5-D. RADAR CERTIFICATION</b>	<b>HUTCHISON STREET 1,000' W/O HARRIS DR TO EAST VISTA WY</b>	<b>VISTA/ NO CPG/CSG</b>
<b>5-E. RADAR CERTIFICATION</b>	<b>GUM TREE LANE STAGE COACH LN TO LIVE OAK PARK RD</b>	<b>FALLBROOK/ FALLBROOK CPG</b>
<b>5-F. INTERSECTION CONTROL</b>	<b>POTTER STREET &amp; ELDER STREET</b>	<b>FALLBROOK/ FALLBROOK CPG</b>
<b><u>INFORMATIONAL ITEM</u></b>		
<b>1. LOCAL ROAD SAFETY PLAN</b>	<b>COUNTYWIDE</b>	<b>COUNTYWIDE/ ALL CPG/CSGs</b>



# 2-A. Radar Certification

## Old Highway 80

### Mile Post 4.5 to 380' W/o Pine Valley Road (0.50 mi)





## SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE

**COMMITTEE REPORT OF:** March 12, 2020

**Item 2-A**

**SUPERVISORIAL DISTRICT:** 2

**SUBJECT:** Radar Certification

**LOCATION:** Old Highway 80 from Mile Post 4.5 to 380' west of Pine Valley Road (a distance of 0.5 miles) PINE VALLEY (Thos. Bros. 1237-B5)

**INITIATED BY:** DPW Traffic Engineering

**REQUEST:** Radar Certification

**PROBLEM AS STATED BY REQUESTER:**

Old Highway 80 from Mile Post 4.5 to 380' west of Pine Valley Road is posted 45 MPH. Preliminary review of prevailing speeds and roadway conditions could support radar certification of the existing 45 MPH speed limit.

**Existing Traffic Devices**

Old Highway 80 is a striped two-lane through highway with a 36 foot travelled way and road bed. The roadway is classified as a Light Collector on the County General Plan Mobility Element Network. The roadway is posted 45 MPH.

**Average Daily Traffic Volumes**

	<b><u>10/20</u></b>	<b><u>05/11</u></b>
Old Highway 80:		
S/o Lebanon Rd	1,034	
800' N/o Lebanon Rd		1,010

	<b><u>85th Percentile</u></b>	<b><u>10 MPH Pace</u></b>	<b><u>% in Pace</u></b>
<b><u>Speed Data</u></b>			
Old Highway 80:			
300' N/o Corte Madera Rd (2021)	48.8 MPH	39-48	64.0%

**Collision Data**

There have been 0 reported collisions along this segment of roadway in a 3 year period (10-01-17 to 09-30-20).

**VOLUME**

Old Hwy 80 E/O Lebanon Rd

Day: Thursday  
Date: 10/1/2020

City: Pine Valley  
Project #: CA20\_040197\_007

DAILY TOTALS					NB	SB						EB	WB	Total	
					0	0						513	521	1,034	
AM Period	NB	SB	EB	WB	TOTAL		PM Period	NB	SB	EB	WB	TOTAL			
00:00			1	2	3		12:00			7	12	19			
00:15			1	0	1		12:15			10	8	18			
00:30			1	0	1		12:30			10	8	18			
00:45			0	3	0	2	12:45			6	33	6	34	12	67
01:00			0	0	0		13:00			5	10	15			
01:15			1	0	1		13:15			9	12	21			
01:30			0	0	0		13:30			5	8	13			
01:45			0	1	0	1	13:45			6	25	6	36	12	61
02:00			0	0	0		14:00			3	10	13			
02:15			0	0	0		14:15			7	9	16			
02:30			0	0	0		14:30			12	9	21			
02:45			0	0	0		14:45			13	35	11	39	24	74
03:00			0	0	0		15:00			15	11	26			
03:15			0	0	0		15:15			13	10	23			
03:30			0	0	0		15:30			16	7	23			
03:45			0	0	0		15:45			8	52	2	30	10	82
04:00			0	0	0		16:00			10	14	24			
04:15			0	0	0		16:15			10	11	21			
04:30			1	2	3		16:30			15	11	26			
04:45			0	1	0	2	16:45			12	47	10	46	22	93
05:00			2	4	6		17:00			10	9	19			
05:15			2	3	5		17:15			10	11	21			
05:30			0	4	4		17:30			16	12	28			
05:45			3	7	6	17	17:45			8	44	8	40	16	84
06:00			4	5	9		18:00			7	6	13			
06:15			2	7	9		18:15			8	10	18			
06:30			7	4	11		18:30			3	5	8			
06:45			5	18	8	24	18:45			10	28	5	26	15	54
07:00			5	12	17		19:00			4	9	13			
07:15			5	5	10		19:15			7	3	10			
07:30			9	9	18		19:30			4	5	9			
07:45			11	30	10	36	19:45			3	18	3	20	6	38
08:00			9	6	15		20:00			4	8	12			
08:15			5	8	13		20:15			6	1	7			
08:30			6	12	18		20:30			5	4	9			
08:45			6	26	9	35	20:45			0	15	2	15	2	30
09:00			7	9	16		21:00			3	4	7			
09:15			9	3	12		21:15			7	4	11			
09:30			4	9	13		21:30			4	4	8			
09:45			7	27	11	32	21:45			2	16	5	17	7	33
10:00			4	6	10		22:00			0	0	0			
10:15			7	13	20		22:15			1	0	1			
10:30			7	7	14		22:30			1	0	1			
10:45			12	30	7	33	22:45			2	4	1	1	3	5
11:00			15	10	25		23:00			1	1	2			
11:15			14	11	25		23:15			0	0	0			
11:30			6	6	12		23:30			3	1	4			
11:45			13	48	7	34	23:45			1	5	0	2	1	7
TOTALS			191	215	406		TOTALS			322	306	628			
SPLIT %			47.0%	53.0%	39.3%		SPLIT %			51.3%	48.7%	60.7%			

DAILY TOTALS					NB	SB						EB	WB	Total	
					0	0						513	521	1,034	
AM Peak Hour			10:30	09:30	10:30		PM Peak Hour			14:45	16:00	14:45			
AM Pk Volume			48	39	83		PM Pk Volume			57	46	96			
Pk Hr Factor			0.800	0.750	0.830		Pk Hr Factor			0.891	0.821	0.923			
7 - 9 Volume	0	0	56	71	127		4 - 6 Volume	0	0	91	86	177			
7 - 9 Peak Hour			07:15	07:00	07:30		4 - 6 Peak Hour			16:45	16:00	16:00			
7 - 9 Pk Volume	0	0	34	36	67		4 - 6 Pk Volume	0	0	48	46	93			
Pk Hr Factor	0.000	0.000	0.773	0.750	0.798		Pk Hr Factor	0.000	0.000	0.750	0.821	0.894			



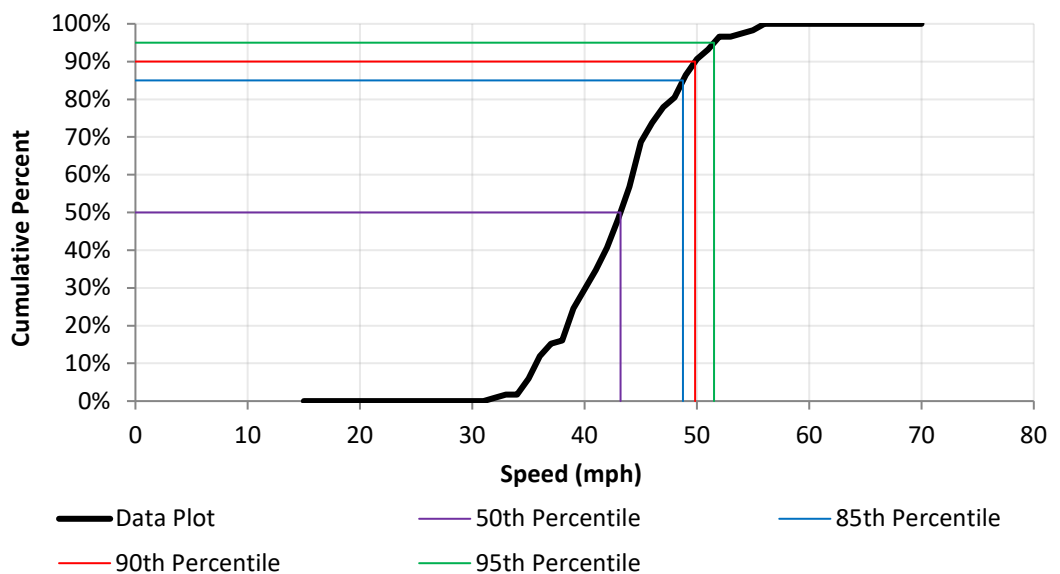
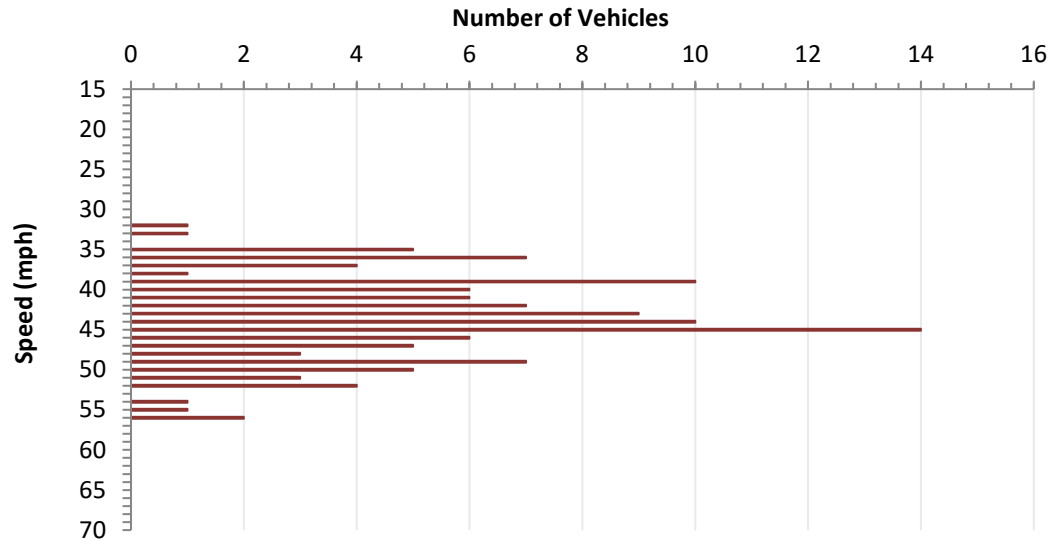
# RADAR SPEED SURVEY

## SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

<b>Road Name:</b>	Old Highway 80	<b>From:</b>	MP 4.5	<b>To:</b>	380' W/o Pine Valley Rd
<b>Position:</b>	300' N/o Corte Madera Rd	<b>Direction:</b>	NB/SB		

<b>Date:</b>	2/11/2021	<b>Weather:</b>	Clear	<b>Project Number:</b>	N/A
<b>Time Start:</b>	1:05 PM	<b>Road Condition:</b>	Dry	<b>Observer:</b>	County
<b>Time End:</b>	2:50 PM	<b>Posted Speed:</b>	45 MPH	<b>Calibration Test:</b>	Y

Speed (mph)	Num. Veh.	Cum. Pct.
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		
26		
27		
28		
29		
30		
31		
32	1	0.8%
33	1	1.7%
34		
35	5	5.9%
36	7	11.9%
37	4	15.3%
38	1	16.1%
39	10	24.6%
40	6	29.7%
41	6	34.7%
42	7	40.7%
43	9	48.3%
44	10	56.8%
45	14	68.6%
46	6	73.7%
47	5	78.0%
48	3	80.5%
49	7	86.4%
50	5	90.7%
51	3	93.2%
52	4	96.6%
53		
54	1	97.5%
55	1	98.3%
56	2	100.0%
57		
58		
59		
60		
61		
62		
63		
64		
65		
66		
67		
68		
69		
70		
<b>Total</b>	<b>118</b>	



### DATA ANALYSIS

Average Speed	43.5	Range	32 - 56
50th Percentile	43.2	10 mph Pace	39 - 48
85th Percentile	48.8	Number in Pace	76
90th Percentile	49.8	Percent in Pace	64%
95th Percentile	51.5		



# 2-B. Radar Certification

## Old Highway 80

380' W/o Pine Valley Road to 800' E/o Oak Lane (0.66 mi)





## SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE

**COMMITTEE REPORT OF:** March 12, 2021

**Item 2-B**

**SUPERVISORIAL DISTRICT:** 2

**SUBJECT:** Radar Certification

**LOCATION:** Old Highway 80 from 380' west of Pine Valley Road to 800' east of Oak Lane (a distance of 0.66 miles) PINE VALLEY (Thos. Bros. 1237-B7)

**INITIATED BY:** DPW Traffic Engineering

**REQUEST:** Radar Certification

### **PROBLEM AS STATED BY REQUESTER:**

Old Highway 80 from 380' west of Pine Valley Road to 800' east of Oak Lane is posted 35 MPH Radar Enforced. Preliminary review of prevailing speeds and roadway conditions could support radar certification of the existing 35 MPH speed limit.

### **Existing Traffic Devices**

Old Highway 80 is a striped two-lane through highway with a 36 foot travelled way on a 36 to 48 foot road bed. The roadway is striped with a no passing centerline, two way left turn lane, and bike lane. There are two school crosswalks along this segment at Pine Valley Road and Laguna Trail, respectively. Old Highway 80 is classified as a Light Collector on the County General Plan Mobility Element Network. The roadway is posted 35 MPH/Radar Enforced.

<b><u>Average Daily Traffic Volumes</u></b>	<b><u>10/20</u></b>	<b><u>06/13</u></b>	<b><u>04/02</u></b>
Old Highway 80: E/o Pine Valley Road	3,017	2,940	3,200

<b><u>Speed Data</u></b>	<b><u>85th Percentile</u></b>	<b><u>10 MPH Pace</u></b>	<b><u>% in Pace</u></b>
Old Highway 80: 260' E/o Pine Valley Road (2020)	36.6 MPH	36-35	73.0%
(2013)	35.0 MPH	24-33	65.0%

### **Collision Data**

There have been 6 reported collisions along this segment of roadway, 3 of which involved injury, in a 3 year period (10-01-17 to 09-30-20). These collisions result in a segment accident rate of 2.76 collisions per million vehicle miles. The statewide average is 0.88 collisions per million vehicle miles for similar flat rural conventional 2 lanes or less with speeds less than or equal to 55 MPH.



**VOLUME**

Old Hwy 80 E/O Pine Valley Rd

Day: Thursday  
Date: 10/1/2020City: Pine Valley  
Project #: CA20\_40197\_008

DAILY TOTALS					NB	SB						EB	WB						Total
					0	0						1,519	1,498						3,017
AM Period	NB	SB	EB	WB	TOTAL		PM Period	NB	SB	EB	WB	TOTAL							TOTAL
00:00			5	3	8		12:00			24	21	45							
00:15			4	2	6		12:15			34	19	53							
00:30			1	0	1		12:30			26	38	64							
00:45			0	10	1	6	12:45			15	99	33	195						
01:00			1	0	1		13:00			24	20	44							
01:15			0	1	1		13:15			34	26	60							
01:30			1	0	1		13:30			31	18	49							
01:45			0	2	1	2	13:45			30	119	61	214						
02:00			1	2	3		14:00			24	24	48							
02:15			0	0	0		14:15			35	20	55							
02:30			0	1	1		14:30			29	18	47							
02:45			0	1	0	3	14:45			32	120	62	212						
03:00			0	1	1		15:00			38	29	67							
03:15			1	2	3		15:15			37	16	53							
03:30			0	0	0		15:30			38	38	76							
03:45			0	1	2	5	15:45			29	142	53	249						
04:00			0	2	2		16:00			39	17	56							
04:15			0	4	4		16:15			26	26	52							
04:30			0	7	7		16:30			40	21	61							
04:45			0	9	9	22	16:45			42	147	58	227						
05:00			1	10	11		17:00			30	20	50							
05:15			1	11	12		17:15			38	23	61							
05:30			2	18	20		17:30			33	22	55							
05:45			9	13	24	67	17:45			28	129	47	213						
06:00			9	13	22		18:00			21	20	41							
06:15			3	22	25		18:15			29	15	44							
06:30			10	34	44		18:30			24	10	34							
06:45			6	28	31	122	18:45			29	103	47	166						
07:00			14	30	44		19:00			33	7	40							
07:15			14	43	57		19:15			24	11	35							
07:30			21	24	45		19:30			21	7	28							
07:45			19	68	43	189	19:45			13	91	18	121						
08:00			11	25	36		20:00			15	7	22							
08:15			20	37	57		20:15			14	11	25							
08:30			15	28	43		20:30			14	4	18							
08:45			16	62	44	180	20:45			14	57	18	83						
09:00			20	24	44		21:00			12	4	16							
09:15			14	26	40		21:15			12	6	18							
09:30			21	37	58		21:30			7	6	13							
09:45			20	75	55	197	21:45			12	43	15	62						
10:00			22	27	49		22:00			2	1	3							
10:15			28	33	61		22:15			2	0	2							
10:30			25	37	62		22:30			2	1	3							
10:45			20	95	50	222	22:45			6	12	6	14						
11:00			23	33	56		23:00			4	5	9							
11:15			27	26	53		23:15			0	4	4							
11:30			19	25	44		23:30			1	5	6							
11:45			28	97	60	213	23:45			0	5	0	19						
TOTALS			452	790	1242		TOTALS			1067	708	1775							
SPLIT %			36.4%	63.6%	41.2%		SPLIT %			60.1%	39.9%	58.8%							

DAILY TOTALS					NB	SB						EB	WB						Total
					0	0						1,519	1,498						3,017
AM Peak Hour			11:45	10:15	10:15		PM Peak Hour			16:30	14:45	14:45							
AM Pk Volume			112	133	229		PM Pk Volume			150	113	258							
Pk Hr Factor			0.824	0.899	0.923		Pk Hr Factor			0.893	0.743	0.849							
7 - 9 Volume	0	0	130	239	369		4 - 6 Volume	0	0	276	164	440							
7 - 9 Peak Hour			07:30	07:00	07:00		4 - 6 Peak Hour			16:30	17:00	16:30							
7 - 9 Pk Volume	0	0	71	121	189		4 - 6 Pk Volume	0	0	150	84	230							
Pk Hr Factor	0.000	0.000	0.845	0.703	0.829		Pk Hr Factor	0.000	0.000	0.893	0.913	0.943							



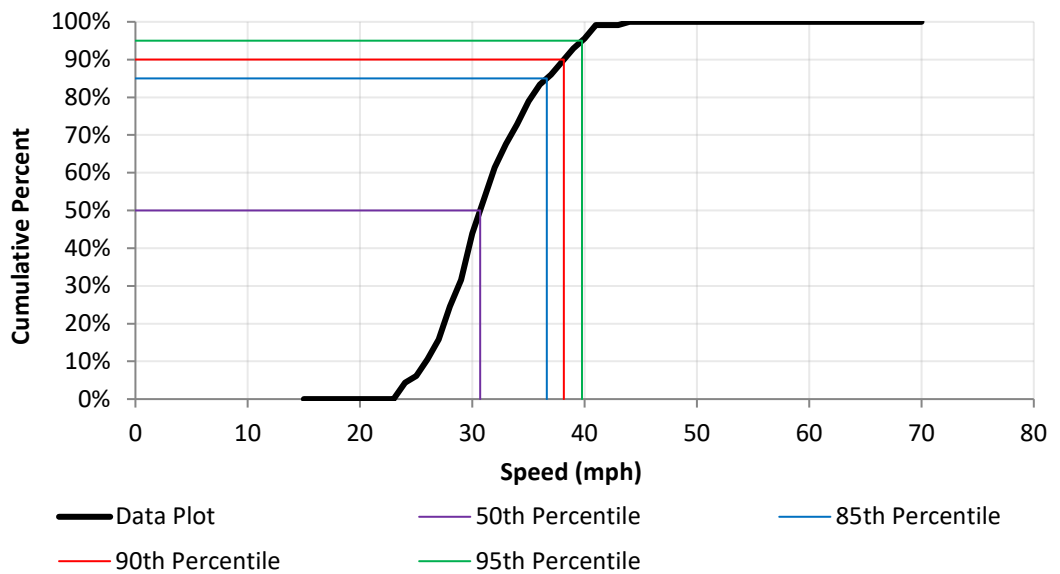
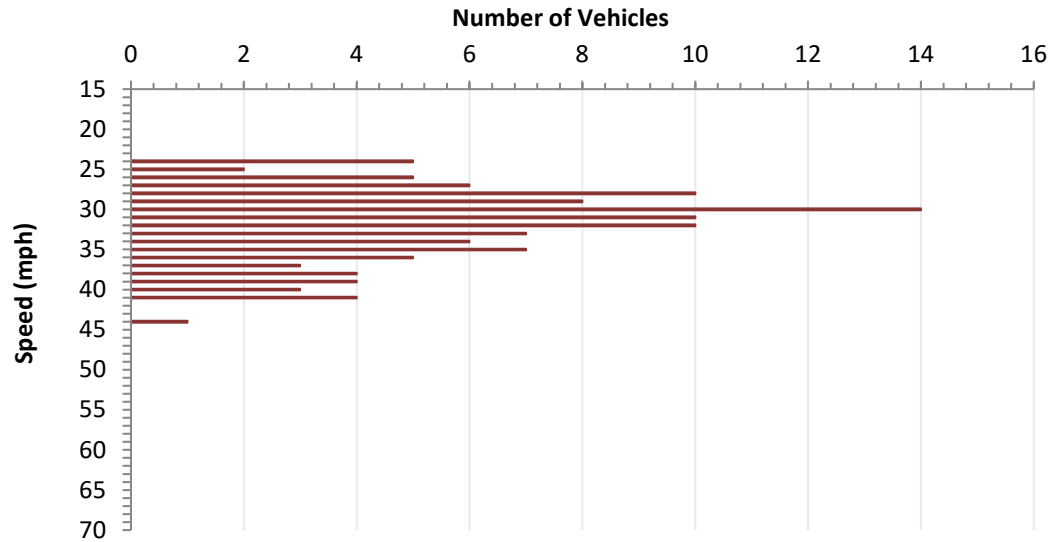
# RADAR SPEED SURVEY

## SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

<b>Road Name:</b>	Old Highway 80	<b>From:</b>	380' W/o Pine Valley Rd	<b>To:</b>	800' E/o Oak Ln
<b>Position:</b>	260' E/o Pine Valley Rd	<b>Direction:</b>	EB/WB		

<b>Date:</b>	2/11/2021	<b>Weather:</b>	Clear	<b>Project Number:</b>	N/A
<b>Time Start:</b>	10:50 AM	<b>Road Condition:</b>	Dry	<b>Observer:</b>	County
<b>Time End:</b>	12:20 PM	<b>Posted Speed:</b>	35 MPH	<b>Calibration Test:</b>	Y

Speed (mph)	Num. Veh.	Cum. Pct.
15		
16		
17		
18		
19		
20		
21		
22		
23		
24	5	4.4%
25	2	6.1%
26	5	10.5%
27	6	15.8%
28	10	24.6%
29	8	31.6%
30	14	43.9%
31	10	52.6%
32	10	61.4%
33	7	67.5%
34	6	72.8%
35	7	78.9%
36	5	83.3%
37	3	86.0%
38	4	89.5%
39	4	93.0%
40	3	95.6%
41	4	99.1%
42		
43		
44	1	100.0%
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		
<b>Total</b>	<b>114</b>	



### DATA ANALYSIS

Average Speed	31.9	Range	24 - 44
50th Percentile	30.7	10 mph Pace	26 - 35
85th Percentile	36.6	Number in Pace	83
90th Percentile	38.2	Percent in Pace	73%
95th Percentile	39.8		



**2-C. Mid-Block Crosswalk  
Alpine Boulevard  
at a point 660' west the west line of Boulders Road**



## **SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE**

**COMMITTEE REPORT OF:** March 12, 2021

**Item 2-C**

**SUPERVISORIAL DISTRICT:** 2

**SUBJECT:** Mid-block Crosswalk

**LOCATION:** Alpine Boulevard, at a point 660' west of the west line of Boulders Road ALPINE (Thos. Bros. 1234-A6)

**INITIATED BY:** DPW Traffic Engineering

**REQUEST:** Relocate Mid-Block Crosswalk

### **PROBLEM AS STATED BY REQUESTER:**

The existing crosswalk on Alpine Boulevard, at a point 660' west of the west line of Boulders Road, was installed in 2014 to address pedestrian crossings at the Alpine Elementary School. In 2019, the school closed and was replaced by Alpine Education Complex, an adult education complex/home high school support center. The County's Alpine Library, built in 2016 could better use the crosswalk due to decreased foot traffic in front of the old elementary school. Traffic Engineering proposes relocating the existing crosswalk 580' to the west of it existing location to serve crossings at the County Library.

### **Existing Traffic Devices**

Alpine Boulevard is a striped two-lane divided roadway with a 42 to 50 foot travelled lane on a 42 to 88 foot road bed. The roadway is striped with a two way left turn lane and bike lane. There is on street parking along the roadway in the form of a parking lane and angle parking stalls. There is a midblock crosswalk located west of Boulders Road with flashing beacons, in pavement flashers, and related school crossing signage. Alpine Boulevard is classified as a Light Collector on the County General Plan Mobility Element Network. The road is currently posted 35 MPH.





# County of San Diego

JEFF MONEDA  
DIRECTOR

DEPARTMENT OF PUBLIC WORKS  
5510 OVERLAND AVENUE, SUITE 410  
SAN DIEGO, CA 92123-1237  
(858) 694-2212  
[www.sdcounty.ca.gov/dpw/](http://www.sdcounty.ca.gov/dpw/)

## COUNTY TRAFFIC ENGINEER RECOMMENDATION

Date: March 2, 2021

Item Title: Alpine Branch Library Crosswalk

Location: Alpine Boulevard

CTE Recommendation: **Relocate Crosswalk on Alpine Boulevard from Alpine Elementary School to Alpine Branch Library** 340

### Conditions:

- Section 21351 of the California Vehicle Code authorizes a local agency to place and maintain such traffic signs, signals and other traffic control devices upon streets and highways as required or as may be necessary to properly indicate and to carry out local traffic ordinances or to warn or guide traffic.
- Section 21106(a) of the California Vehicle Code authorizes local agencies, by ordinance or resolution, to establish crosswalks between intersections.
- Section 3B.18 "Crosswalk Markings" of the California MUTCD, provides that crosswalk markings may be established between intersections (mid-block) in accordance with CVC 21106(a).
- Alpine Boulevard is a two-lane roadway with a two-way left turn lane, bike lanes in both directions, and parking along the north side of the road. Alpine Boulevard measures approximately 64 feet in width for about 860 feet along the segment of interest.
- Currently, Alpine Elementary School has a marked crosswalk and relevant school signage 660 feet west of the west line of Boulders Road, as stated in Ordinance No. 10336 effective 5-3-2014. Alpine Elementary School has been closed since June 2019. Therefore, the crosswalk is no longer needed to facilitate the safe crossing of school kids at this location.

- The Alpine Branch Library, located approximately 580 feet west of the existing crosswalk, currently has a walkway between the library building entrance and the sidewalk on Alpine Blvd and a marked crosswalk on Alpine Blvd at this location is appropriate and desired.
- Pursuant to CVC section 21351 and Section 21106(a) coupled with the guidelines of Section 3B.18 of CA MUTCD, it is my recommendation to remove the existing crosswalk on Alpine Boulevard at 660 feet west of Boulders Road and establish a new crosswalk 710 feet east of Tavern Road to serve the library community walking patronage.



# 5-A. Radar Certification

## Aliso Canyon Road

### El Camino del Norte to Avenida del Duque (0.52 mi)



## SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE

**COMMITTEE REPORT OF:** March 12, 2021

**Item 5-A**

**SUPERVISORIAL DISTRICT:** 5

**SUBJECT:** Radar Certification

**LOCATION:** Aliso Canyon Road from El Camino del Norte to Avenida del Duque (a distance of 0.52 miles) RANCHO SANTA FE (Thos. Bros. 1148-F6)

**INITIATED BY:** DPW Traffic Engineering

**REQUEST:** Radar Certification

### **PROBLEM AS STATED BY REQUESTER:**

Aliso Canyon Road from El Camino del Norte to Avenida del Duque is posted 45 MPH Radar Enforced. Preliminary review of prevailing speeds and roadway conditions could support radar certification of the existing 45 MPH speed limit.

### **Existing Traffic Devices**

Aliso Canyon Road is a striped two-lane through highway with a 24 foot travelled way on a 30 to 40 foot road bed. The roadway is striped with a no passing centerline and white edgeline. There is a horse advisory sign along the roadway as there is a trail adjacent to the length of the roadway. Hutchison Street is unclassified on the County General Plan Mobility Element Network. The roadway is posted 45 MPH/Radar Enforced.

### **Average Daily Traffic Volumes**

Aliso Canyon Road:

S/o Via del Charro

**02/21**

3,960\*

**07/14**

3,400

\*Estimate

### **Speed Data**

Aliso Canyon Road:

380' S/o Via del Charro

(2021)

(2013)

**85th  
Percentile**

48.4 MPH

49.0 MPH

**10 MPH  
Pace**

37-46

38-47

**% in  
Pace**

62.0%

60.0%

### **Collision Data**

There have been 2 reported collisions along this segment of roadway, none of which involved injury, in a 3 year period (10-01-17 to 09-30-20). These collisions result in a segment accident rate of 0.89 collisions per million vehicle miles. The statewide average is 1.60 collisions per million vehicle miles for similar suburban conventional 2 lanes or less with speeds less than 45 MPH.





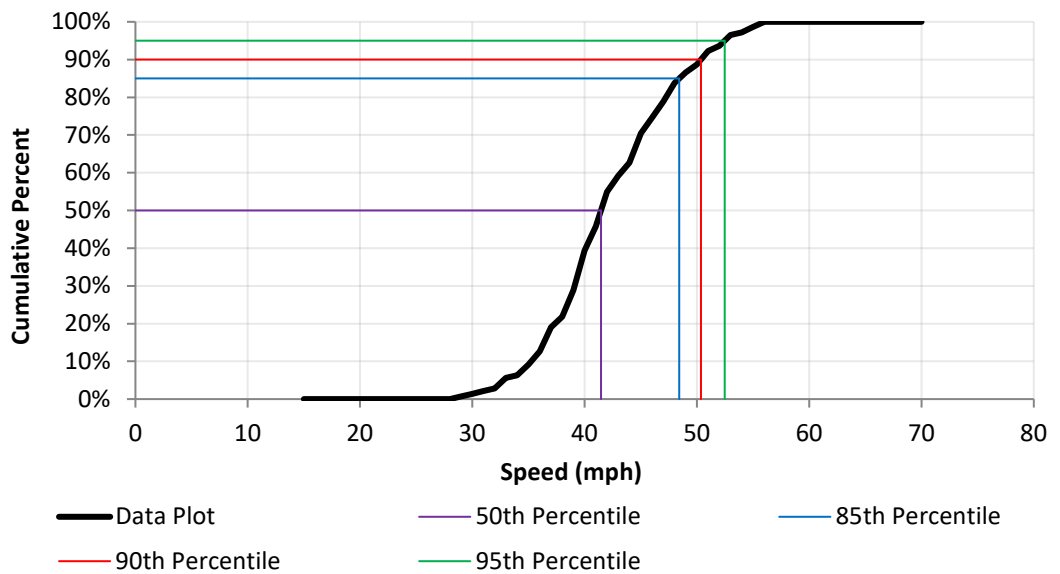
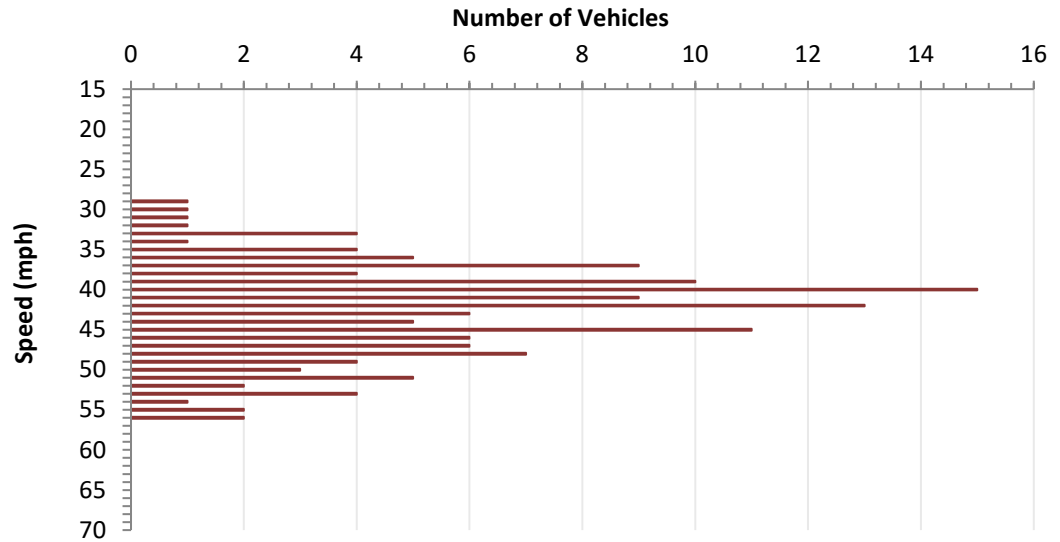
# RADAR SPEED SURVEY

## SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

<b>Road Name:</b>	Aliso Canyon Rd	<b>From:</b>	Avenida del Duque	<b>To:</b>	El Camino del Norte
<b>Position:</b>	380' S/o Via del Charro	<b>Direction:</b>	NB/SB		

<b>Date:</b>	2/17/2021	<b>Weather:</b>	Clear	<b>Project Number:</b>	N/A
<b>Time Start:</b>	11:10 AM	<b>Road Condition:</b>	Dry	<b>Observer:</b>	County
<b>Time End:</b>	12:10 PM	<b>Posted Speed:</b>	45 MPH	<b>Calibration Test:</b>	Y

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	1	1.4%
31	1	2.1%
32	1	2.8%
33	4	5.6%
34	1	6.3%
35	4	9.2%
36	5	12.7%
37	9	19.0%
38	4	21.8%
39	10	28.9%
40	15	39.4%
41	9	45.8%
42	13	54.9%
43	6	59.2%
44	5	62.7%
45	11	70.4%
46	6	74.6%
47	6	78.9%
48	7	83.8%
49	4	86.6%
50	3	88.7%
51	5	92.3%
52	2	93.7%
53	4	96.5%
54	1	97.2%
55	2	98.6%
56	2	100.0%
57		
58		
59		
60		
61		
62		
63		
64		
65		
66		
67		
68		
69		
70		
Total	142	



### DATA ANALYSIS

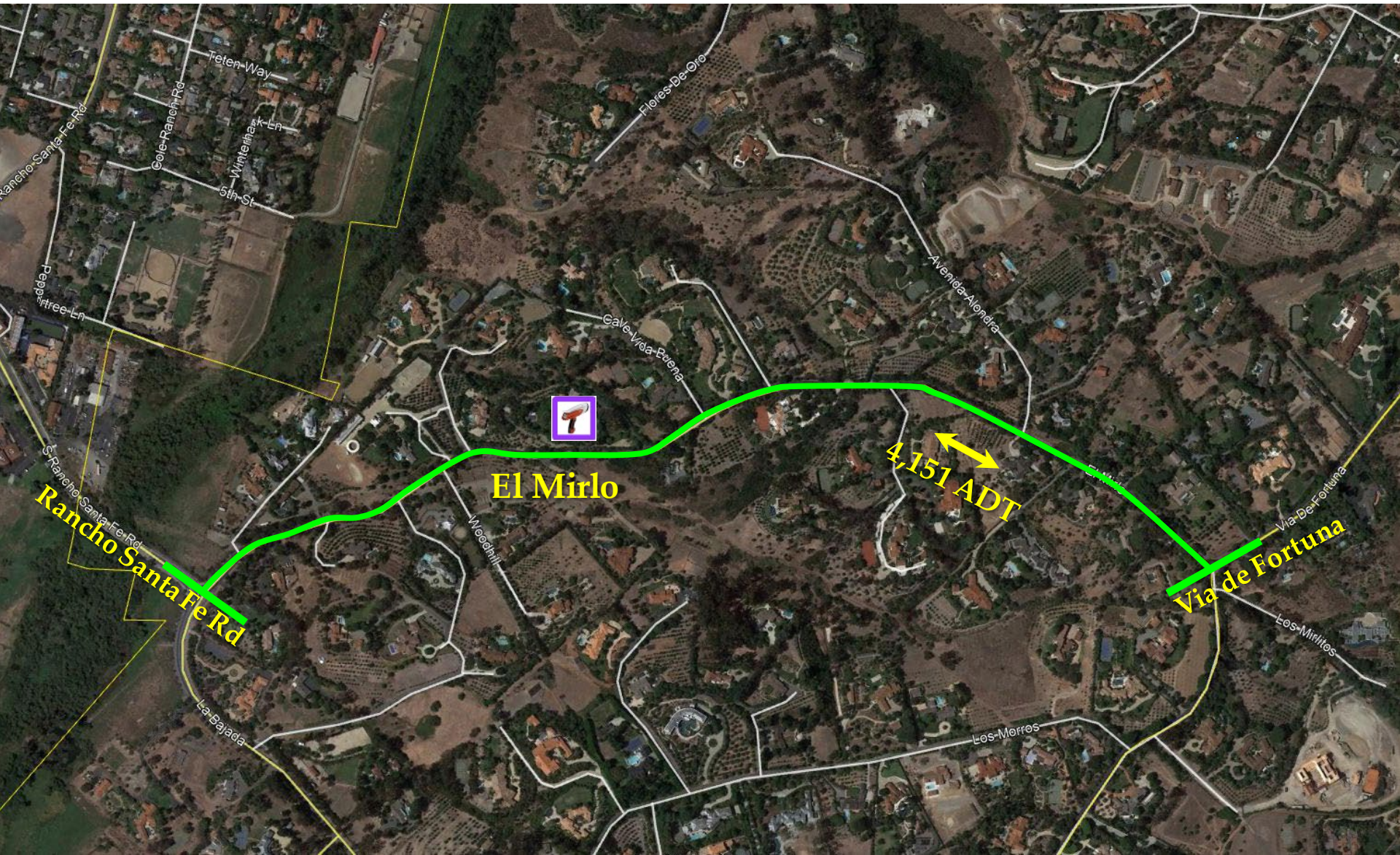
Average Speed	42.7	Range	29 - 56
50th Percentile	41.5	10 mph Pace	37 - 46
85th Percentile	48.4	Number in Pace	88
90th Percentile	50.4	Percent in Pace	62%
95th Percentile	52.5		



# 5-B. Radar Certification

## El Mirlo

**Rancho Santa Fe Road to Via de Fortuna (1.03 mi)**



## SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE

**COMMITTEE REPORT OF:** March 12, 2021

**Item 5-B**

**SUPERVISORIAL DISTRICT:** 5

**SUBJECT:** Radar Certification

**LOCATION:** El Mirlo from Rancho Santa Fe Road to Via de Fortuna  
(a distance of 1.03 miles) RANCHO SANTA FE (Thos.  
Bros. 1167-J1)

**INITIATED BY:** DPW Traffic Engineering

**REQUEST:** Radar Certification

**PROBLEM AS STATED BY REQUESTER:**

El Mirlo from Rancho Santa Fe Road to Via de Fortuna is posted 35 MPH Radar Enforced. Preliminary review of prevailing speeds and roadway conditions could support radar certification of the existing 35 MPH speed limit.

**Existing Traffic Devices**

El Mirlo is a striped two-lane local roadway with a 24 to 34 foot travelled way on a 25 to 30 foot road bed. The roadway is striped with a no passing centerline and white edgeline. El Mirlo is unclassified on the County General Plan Mobility Element Network. The roadway is posted 35 MPH/Radar Enforced.

**Average Daily Traffic Volumes**

	<b><u>10/20</u></b>	<b><u>06/13</u></b>
El Mirlo:		
W/o Avenida Alondra	4,151	3,140

<b><u>Speed Data</u></b>	<b><u>85th Percentile</u></b>	<b><u>10 MPH Pace</u></b>	<b><u>% in Pace</u></b>
El Mirlo:			
1,650' E/o Rancho Santa Fe Rd (2021)	40.6 MPH	32-41	71.0%
(2013)	37.0 MPH	28-37	86.0%

**Collision Data**

There has been 5 reported collision along this segment of roadway, none of which involved injury, in a 3 year period (10-01-17 to 09-30-20). This collision result in a segment accident rate of 1.07 collisions per million vehicle miles. The statewide average is 1.60 collisions per million vehicle miles for similar suburban conventional 2 lanes or less with speeds less than 45 MPH.



**VOLUME**

El Mirlo 1,050' W/O Avenida Alondra

Day: Thursday  
Date: 10/15/2020City: Rancho Santa Fe  
Project #: CA20\_040201\_015

DAILY TOTALS					NB	SB						EB	WB						Total
					0	0						2,152	1,999						4,151
AM Period	NB	SB	EB	WB	TOTAL		PM Period	NB	SB	EB	WB	TOTAL							TOTAL
00:00			2	0	2		12:00			31	34	65							
00:15			0	0	0		12:15			28	34	62							
00:30			0	0	0		12:30			37	25	62							
00:45			2	4	0	2 4	12:45			18	114	40	133	58	247				
01:00			0	0	0		13:00			36	34	70							
01:15			1	1	2		13:15			27	33	60							
01:30			0	0	0		13:30			28	25	53							
01:45			1	2	1	2 4	13:45			39	130	44	136	83	266				
02:00			0	0	0		14:00			43	35	78							
02:15			0	0	0		14:15			49	27	76							
02:30			0	0	0		14:30			41	35	76							
02:45			0	2	2	2 2	14:45			48	181	54	151	102	332				
03:00			0	0	0		15:00			53	57	110							
03:15			1	1	2		15:15			60	41	101							
03:30			1	1	2		15:30			69	63	132							
03:45			0	2	0	2 4	15:45			61	243	37	198	98	441				
04:00			1	0	1		16:00			48	38	86							
04:15			0	1	1		16:15			60	37	97							
04:30			2	3	5		16:30			51	35	86							
04:45			0	3	6	10	16:45			54	213	32	142	86	355				
05:00			6	4	10		17:00			64	41	105							
05:15			1	5	6		17:15			52	28	80							
05:30			2	15	17		17:30			44	23	67							
05:45			13	22	9	33	17:45			45	205	32	124	77	329				
06:00			16	21	37		18:00			35	25	60							
06:15			10	26	36		18:15			27	14	41							
06:30			30	31	61		18:30			28	20	48							
06:45			45	101	35	113	18:45			22	112	18	77	40	189				
07:00			42	40	82		19:00			24	13	37							
07:15			39	28	67		19:15			14	11	25							
07:30			35	40	75		19:30			15	19	34							
07:45			32	148	50	158	19:45			13	66	8	51	21	117				
08:00			39	47	86		20:00			14	8	22							
08:15			27	34	61		20:15			16	9	25							
08:30			34	47	81		20:30			6	10	16							
08:45			27	127	36	164	20:45			8	44	12	39	20	83				
09:00			22	34	56		21:00			18	3	21							
09:15			33	36	69		21:15			9	6	15							
09:30			29	43	72		21:30			14	7	21							
09:45			27	111	42	155	21:45			10	51	4	20	14	71				
10:00			44	25	69		22:00			9	3	12							
10:15			32	37	69		22:15			4	3	7							
10:30			26	31	57		22:30			3	6	9							
10:45			37	139	38	131	22:45			5	21	3	15	8	36				
11:00			23	25	48		23:00			1	2	3							
11:15			20	38	58		23:15			1	2	3							
11:30			33	34	67		23:30			4	0	4							
11:45			30	106	42	139	23:45			1	7	0	4	1	11				
TOTALS			765	909	1674		TOTALS			1387	1090	2477							
SPLIT %			45.7%	54.3%	40.3%		SPLIT %			56.0%	44.0%	59.7%							

DAILY TOTALS					NB	SB						EB	WB						Total
					0	0						2,152	1,999						4,151
AM Peak Hour			06:45	07:45	07:15		PM Peak Hour			15:00	14:45	14:45							
AM Pk Volume			161	178	310		PM Pk Volume			243	215	445							
Pk Hr Factor			0.894	0.890	0.901		Pk Hr Factor			0.880	0.853	0.843							
7 - 9 Volume	0	0	275	322	597		4 - 6 Volume	0	0	418	266	684							
7 - 9 Peak Hour			07:00	07:45	07:15		4 - 6 Peak Hour			16:15	16:15	16:15							
7 - 9 Pk Volume	0	0	148	178	310		4 - 6 Pk Volume	0	0	229	145	374							
Pk Hr Factor	0.000	0.000	0.881	0.890	0.901		Pk Hr Factor	0.000	0.000	0.895	0.884	0.890							





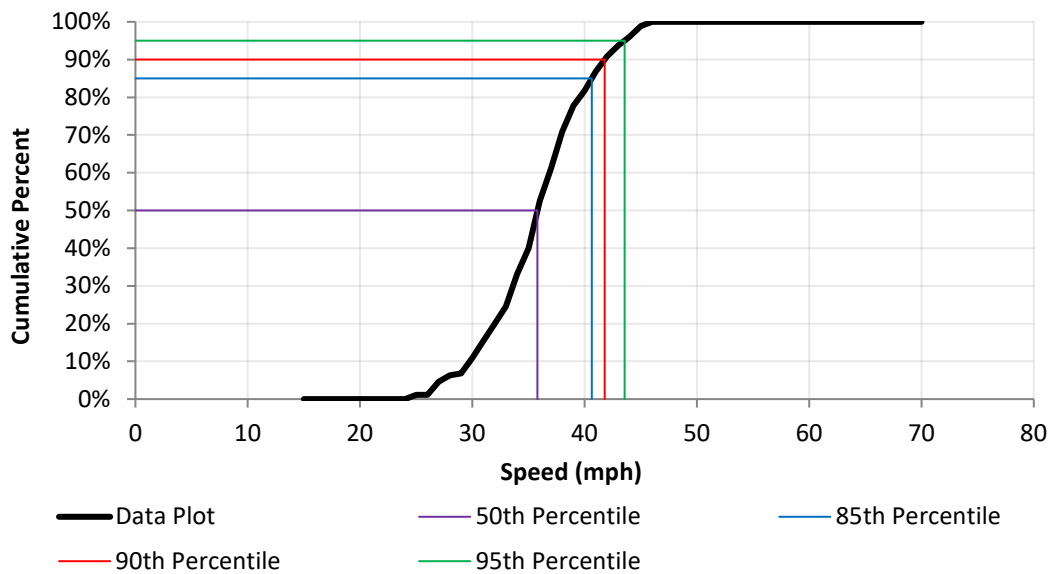
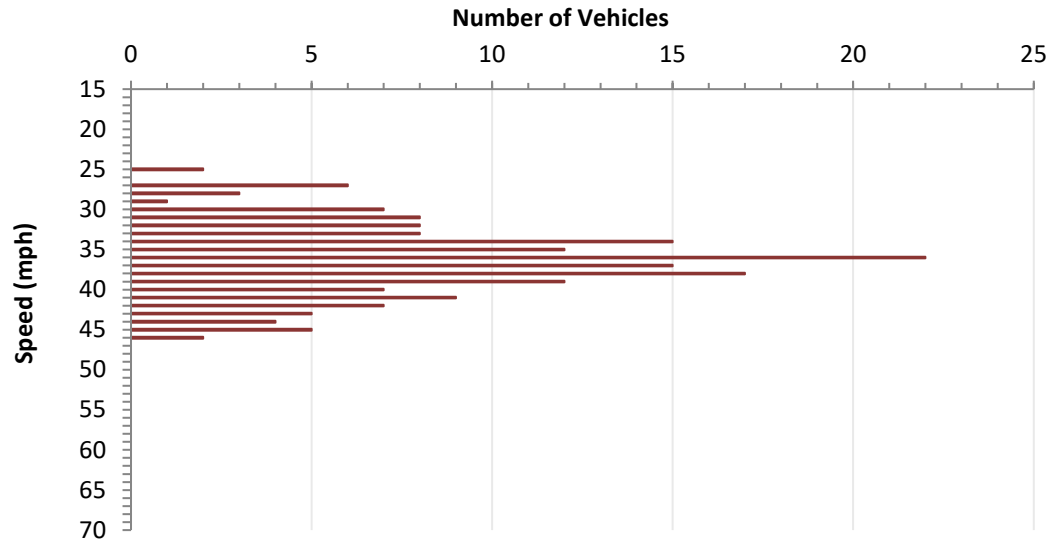
# RADAR SPEED SURVEY

## SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

<b>Road Name:</b>	El Mirlo	<b>From:</b>	Rancho Santa Fe Rd	<b>To:</b>	Via de Fortuna
<b>Position:</b>	1,650' E/o Rancho Santa Fe Rd	<b>Direction:</b>	EB/WB		

<b>Date:</b>	2/9/2021	<b>Weather:</b>	Cloudy	<b>Project Number:</b>	N/A
<b>Time Start:</b>	11:00 AM	<b>Road Condition:</b>	Dry	<b>Observer:</b>	County
<b>Time End:</b>	12:00 PM	<b>Posted Speed:</b>	35 MPH	<b>Calibration Test:</b>	Y

Speed (mph)	Num. Veh.	Cum. Pct.
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25	2	1.1%
26		
27	6	4.6%
28	3	6.3%
29	1	6.9%
30	7	10.9%
31	8	15.4%
32	8	20.0%
33	8	24.6%
34	15	33.1%
35	12	40.0%
36	22	52.6%
37	15	61.1%
38	17	70.9%
39	12	77.7%
40	7	81.7%
41	9	86.9%
42	7	90.9%
43	5	93.7%
44	4	96.0%
45	5	98.9%
46	2	100.0%
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	175	



### DATA ANALYSIS

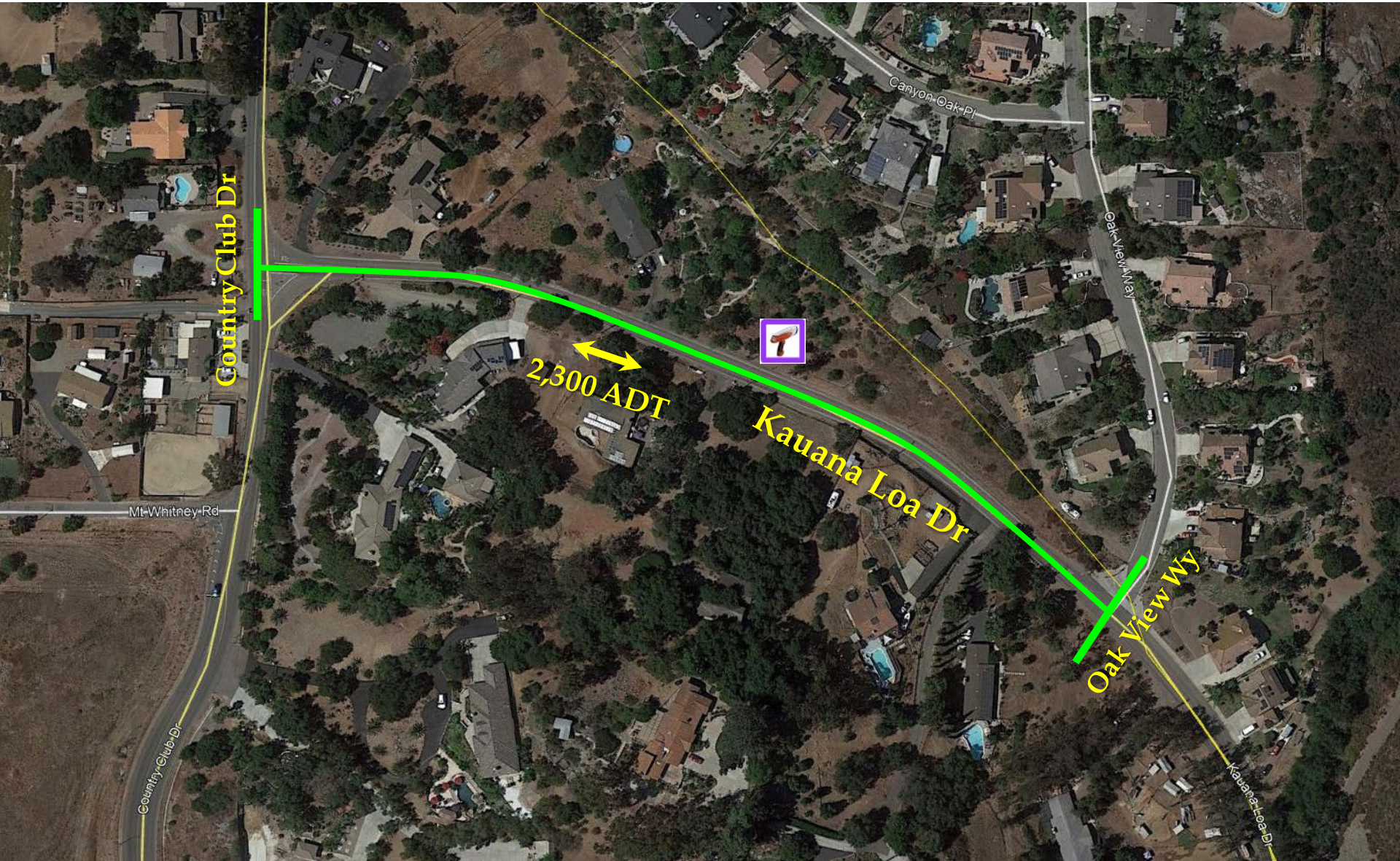
Average Speed	36.3	Range	25 - 46
50th Percentile	35.8	10 mph Pace	32 - 41
85th Percentile	40.6	Number in Pace	125
90th Percentile	41.8	Percent in Pace	71%
95th Percentile	43.6		



# 5-C. Radar Certification

## Kauana Loa Drive

### Country Club Drive to Oak View Wy/Escondido C/L (0.23 mi)





## SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE

COMMITTEE REPORT OF: March 12, 2021

Item **5-C**

SUPERVISORIAL DISTRICT: 5

SUBJECT: Radar Recertification

LOCATION: Kauana Loa Drive from Country Club Drive to Escondido city limit (at Oak View Way) (a distance of 0.23 miles) HARMONY GROVE (Thos. Bros. 1129-D4)

INITIATED BY: DPW Traffic Engineering

REQUEST: Radar Recertification

### PROBLEM AS STATED BY REQUESTER:

Kauana Loa Drive from Country Club Drive to Escondido city limit (at Oak View Way) is posted 40 MPH Radar Enforced. Preliminary review of prevailing speeds and roadway conditions could support radar recertification of the existing 40 MPH speed limit.

### Existing Traffic Devices

Kauana Loa Drive is a striped two-lane local roadway with a 24 to 30 foot travelled way on a 26 to 30 foot road bed. The roadway is striped with a no passing centerline and white edgeline. Kauana Loa Drive is unclassified on the County General Plan Mobility Element Network. The roadway is posted 40 MPH/Radar Enforced.

### Average Daily Traffic Volumes

	<u>02/21</u>	<u>02/14</u>	
Kauana Loa Drive:			
E/o Country Club Drive	2,300*	1,900	*Estimate

<u>Speed Data</u>	<u>85th Percentile</u>	<u>10 MPH Pace</u>	<u>% in Pace</u>
Kauana Loa Drive:			
500' W/o Oak View Way (2021)	38.5 MPH	30-39	73.0%
100' W/o Oak View Way (2014)	40.0 MPH	32-41	72.0%

### Collision Data

There has been 1 reported collision along this segment of roadway, which did not involve injury, in a 3 year period (10-01-17 to 09-30-20). This collision result in a segment accident rate of 1.71 collisions per million vehicle miles. The statewide average is 1.60 collisions per million vehicle miles for similar suburban conventional 2 lanes or less with speeds less than 45 MPH.





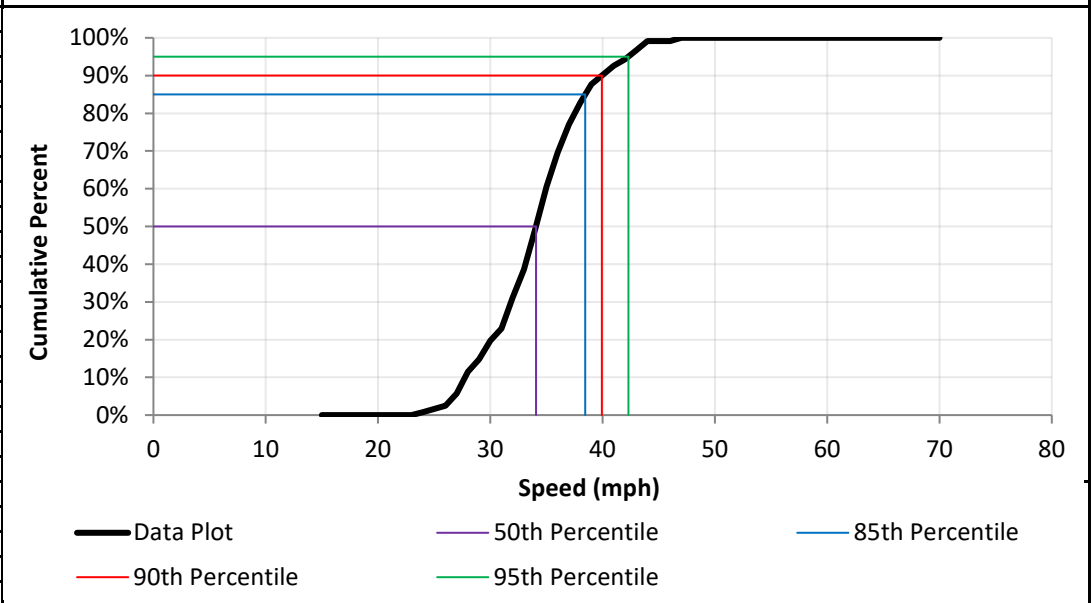
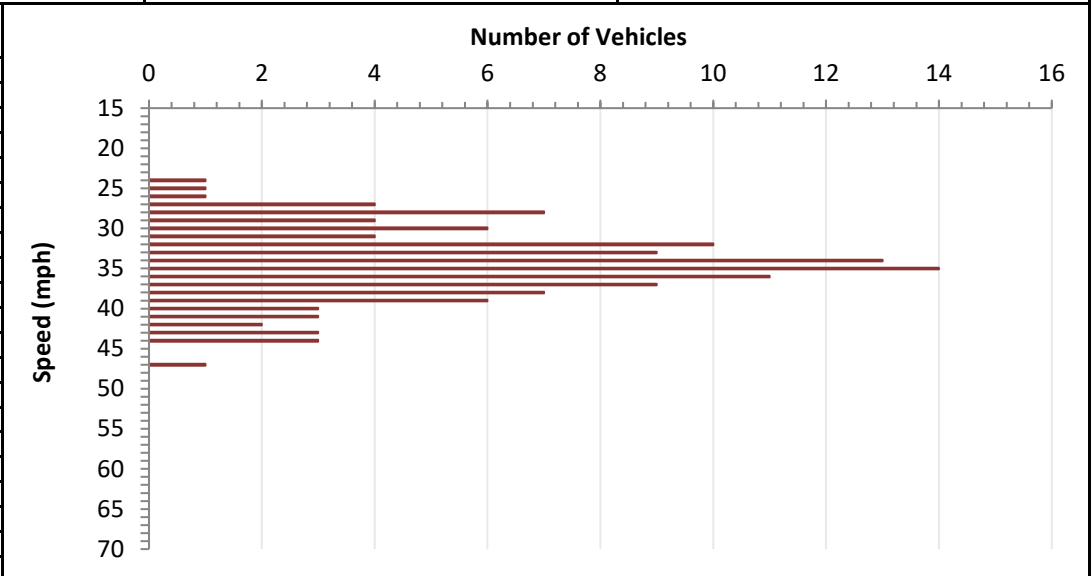
# RADAR SPEED SURVEY

## SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

<b>Road Name:</b>	Kauana Loa Dr	<b>From:</b>	Country Club Dr	<b>To:</b>	Oak View Wy
<b>Position:</b>	500' W/o Oak View Wy	<b>Direction:</b>	EB/WB		

<b>Date:</b>	2/10/2021	<b>Weather:</b>	Cloudy	<b>Project Number:</b>	N/A
<b>Time Start:</b>	11:25 AM	<b>Road Condition:</b>	Dry	<b>Observer:</b>	County
<b>Time End:</b>	12:55 PM	<b>Posted Speed:</b>	40 MPH	<b>Calibration Test:</b>	Y

Speed (mph)	Num. Veh.	Cum. Pct.
15		
16		
17		
18		
19		
20		
21		
22		
23		
24	1	0.8%
25	1	1.6%
26	1	2.5%
27	4	5.7%
28	7	11.5%
29	4	14.8%
30	6	19.7%
31	4	23.0%
32	10	31.1%
33	9	38.5%
34	13	49.2%
35	14	60.7%
36	11	69.7%
37	9	77.0%
38	7	82.8%
39	6	87.7%
40	3	90.2%
41	3	92.6%
42	2	94.3%
43	3	96.7%
44	3	99.2%
45		
46		
47	1	100.0%
48		
49		
50		
51		
52		
53		
54		
55		
56		
57		
58		
59		
60		
61		
62		
63		
64		
65		
66		
67		
68		
69		
70		
<b>Total</b>	<b>122</b>	

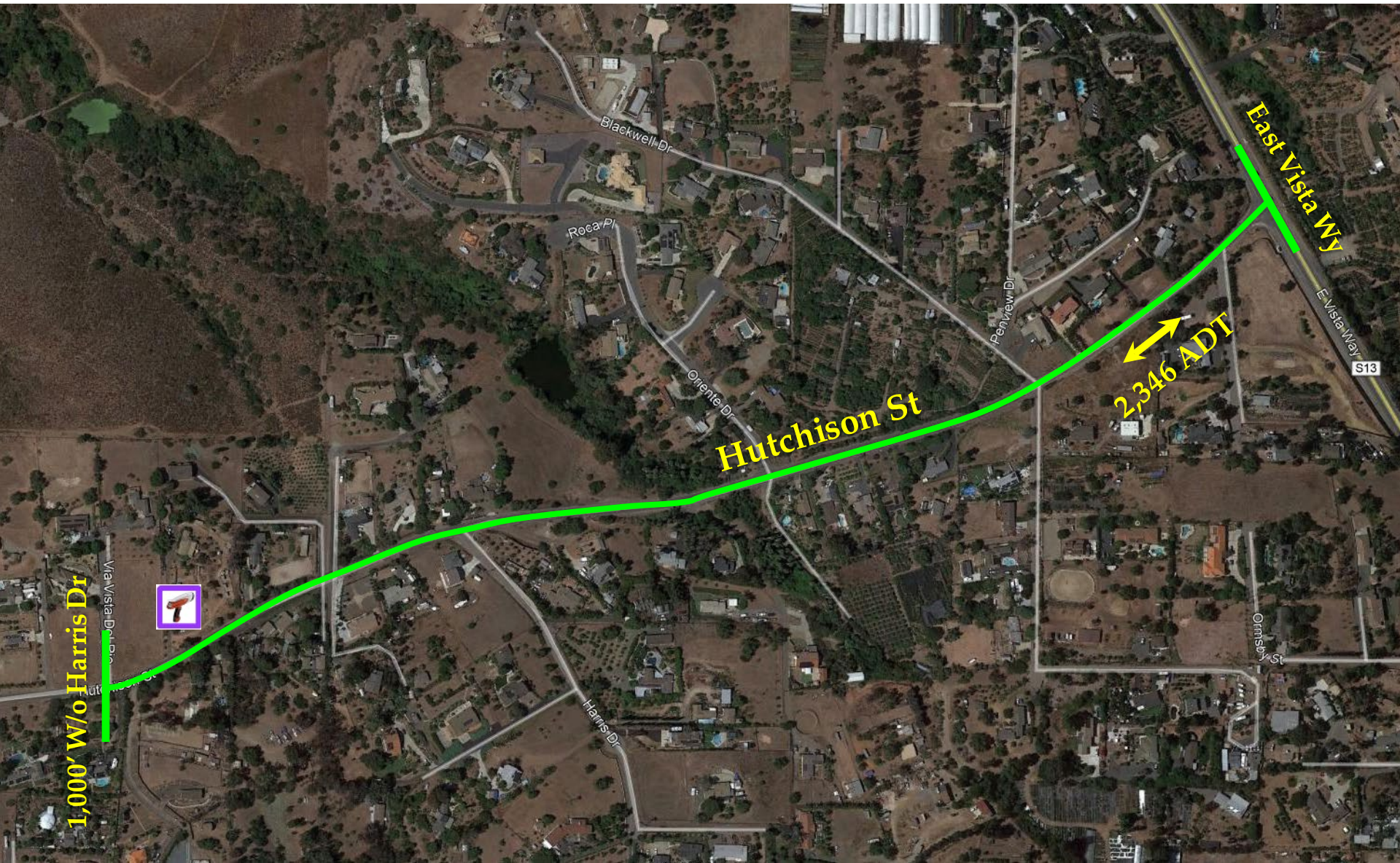


DATA ANALYSIS			
Average Speed	34.5	Range	24 - 47
50th Percentile	34.1	10 mph Pace	30 - 39
85th Percentile	38.5	Number in Pace	89
90th Percentile	39.9	Percent in Pace	73%
95th Percentile	42.3		

# 5-D. Radar Certification

## Hutchison Street

1,000' W/o Harris Drive to East Vista Way (0.68 mi)





## SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE

**COMMITTEE REPORT OF:** March 12, 2021

**Item 5-D**

**SUPERVISORIAL DISTRICT:** 5

**SUBJECT:** Radar Recertification

**LOCATION:** Hutchison Street from a point 1,000' west of Harris Drive to East Vista Way (a distance of 0.68 miles)  
VISTA (Thos. Bros. 1067-H7)

**INITIATED BY:** DPW Traffic Engineering

**REQUEST:** Radar Recertification

### **PROBLEM AS STATED BY REQUESTER:**

Hutchison Street from a point 1,000' west of Harris Drive to East Vista Way is posted 40 MPH Radar Enforced. Preliminary review of prevailing speeds and roadway conditions could support radar recertification of the existing 40 MPH speed limit.

### **Existing Traffic Devices**

Hutchison Street is a striped two-lane through highway with a 24 foot travelled way on a 24 to 36 foot road bed. The roadway is striped with a no passing centerline and white edgeline. There is a horse advisory sign along the roadway. Hutchison Street is unclassified on the County General Plan Mobility Element Network. The roadway is posted 40 MPH/Radar Enforced.

<b><u>Average Daily Traffic Volumes</u></b>	<b><u>10/20</u></b>	<b><u>06/13</u></b>	<b><u>04/02</u></b>
Hutchison Street			
150' W/o East Vista Way	2,346	1,600	1,670

<b><u>Speed Data</u></b>	<b><u>85th Percentile</u></b>	<b><u>10 MPH Pace</u></b>	<b><u>% in Pace</u></b>
Hutchison Street:			
150'E/o Via Vista del Rio (2021)	43.5 MPH	31-40	68.0%
(2013)	40.0 MPH	30-39	66.0%

### **Collision Data**

There have been 6 reported collisions along this segment of roadway, 2 of which involved injury, in a 3 year period (10-01-17 to 09-30-20). These collisions result in a segment accident rate of 3.44 collisions per million vehicle miles. The statewide average is 1.60 collisions per million vehicle miles for similar suburban conventional 2 lanes or less with speeds less than 45 MPH.



**VOLUME**

Hutchison St 150' W/O E Vista Way

Day: Thursday  
Date: 10/8/2020City: Vista  
Project #: CA20\_040201\_018

DAILY TOTALS					NB	SB						EB	WB						Total
					0	0						1,401	945						2,346
AM Period	NB	SB	EB	WB	TOTAL		PM Period	NB	SB	EB	WB	TOTAL							TOTAL
00:00			0	0	0		12:00			9	20	29							
00:15			0	0	0		12:15			17	16	33							
00:30			0	2	2		12:30			22	14	36							
00:45			2	2	4	6	12:45			15	63	36	134						
01:00			0	0	0		13:00			9	12	21							
01:15			0	0	0		13:15			9	13	22							
01:30			1	1	2		13:30			19	12	31							
01:45			1	2	0	1	13:45			9	46	23	97						
02:00			1	0	1		14:00			14	12	26							
02:15			1	0	1		14:15			22	15	37							
02:30			1	1	2		14:30			29	15	44							
02:45			3	6	0	1	14:45			31	96	50	157						
03:00			0	0	0		15:00			39	20	59							
03:15			2	1	3		15:15			36	20	56							
03:30			2	1	3		15:30			47	16	63							
03:45			0	4	0	2	15:45			48	170	73	251						
04:00			0	0	0		16:00			48	13	61							
04:15			1	1	2		16:15			58	12	70							
04:30			6	3	9		16:30			62	12	74							
04:45			5	12	6	10	16:45			63	231	76	281						
05:00			6	2	8		17:00			58	16	74							
05:15			2	3	5		17:15			73	10	83							
05:30			15	7	22		17:30			24	18	42							
05:45			14	37	9	21	17:45			44	199	67	266						
06:00			15	10	25		18:00			25	13	38							
06:15			17	11	28		18:15			17	10	27							
06:30			19	10	29		18:30			11	15	26							
06:45			19	70	23	54	18:45			15	68	30	121						
07:00			18	23	41		19:00			14	15	29							
07:15			22	25	47		19:15			9	9	18							
07:30			15	30	45		19:30			8	13	21							
07:45			11	66	20	98	19:45			7	38	11	79						
08:00			16	22	38		20:00			7	5	12							
08:15			13	17	30		20:15			6	9	15							
08:30			15	13	28		20:30			9	6	15							
08:45			16	60	19	71	20:45			6	28	7	49						
09:00			8	11	19		21:00			5	6	11							
09:15			14	12	26		21:15			5	9	14							
09:30			20	7	27		21:30			9	9	18							
09:45			10	52	9	39	21:45			5	24	8	51						
10:00			17	10	27		22:00			5	5	10							
10:15			14	17	31		22:15			3	1	4							
10:30			11	24	35		22:30			8	2	10							
10:45			12	54	8	59	22:45			2	18	3	27						
11:00			9	8	17		23:00			3	6	9							
11:15			16	8	24		23:15			2	1	3							
11:30			14	13	27		23:30			0	2	2							
11:45			9	48	12	41	23:45			2	7	3	17						
TOTALS			413	403	816		TOTALS			988	542	1530							
SPLIT %			50.6%	49.4%	34.8%		SPLIT %			64.6%	35.4%	65.2%							

DAILY TOTALS					NB	SB						EB	WB						Total
					0	0						1,401	945						2,346
AM Peak Hour			06:30	06:45	06:45		PM Peak Hour			16:30	15:00	16:30							
AM Pk Volume			78	101	175		PM Pk Volume			256	81	307							
Pk Hr Factor			0.886	0.842	0.931		Pk Hr Factor			0.877	0.810	0.925							
7 - 9 Volume	0	0	126	169	295		4 - 6 Volume	0	0	430	117	547							
7 - 9 Peak Hour			07:00	07:00	07:00		4 - 6 Peak Hour			16:30	17:00	16:30							
7 - 9 Pk Volume	0	0	66	98	164		4 - 6 Pk Volume	0	0	256	67	307							
Pk Hr Factor	0.000	0.000	0.750	0.817	0.872		Pk Hr Factor	0.000	0.000	0.877	0.728	0.925							



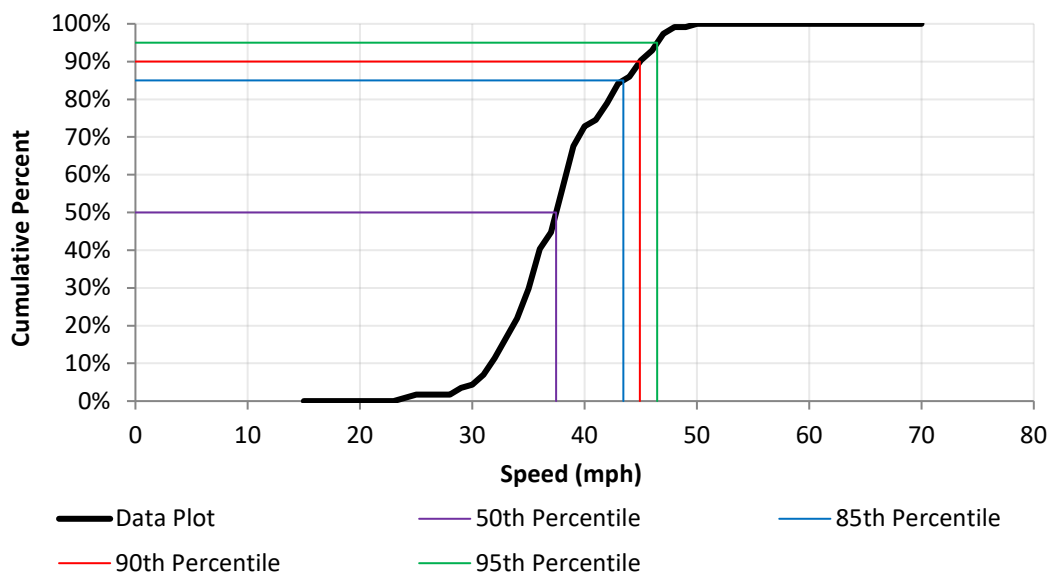
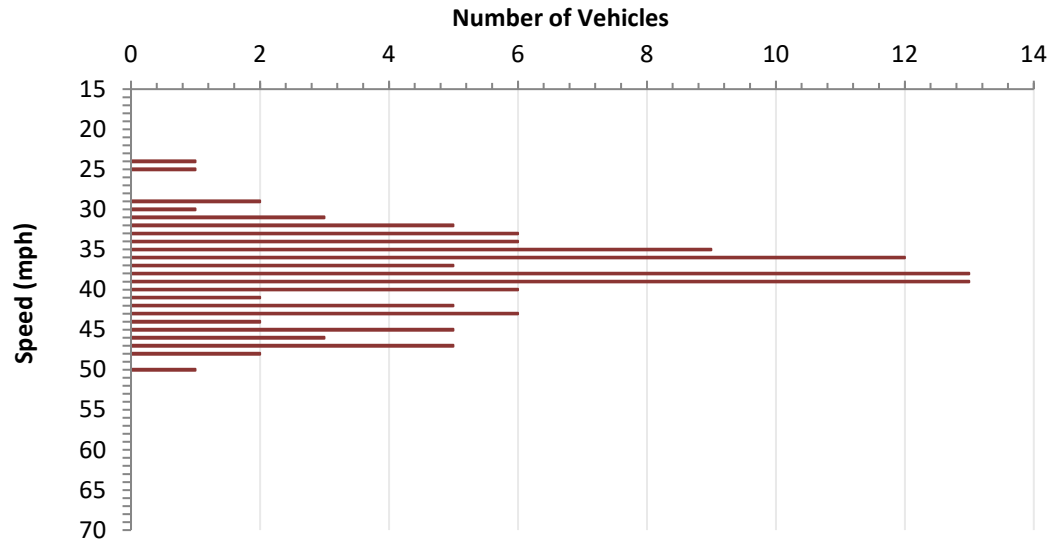
# RADAR SPEED SURVEY

## SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

<b>Road Name:</b>	Hutchison St	<b>From:</b>	1000' W/o Harris Dr	<b>To:</b>	East Vista Wy
<b>Position:</b>	150' E/o Via Vista del Rio	<b>Direction:</b>	EB/WB		

<b>Date:</b>	2/10/2021	<b>Weather:</b>	Clear	<b>Project Number:</b>	N/A
<b>Time Start:</b>	1:55 PM	<b>Road Condition:</b>	Dry	<b>Observer:</b>	County
<b>Time End:</b>	3:15 AM	<b>Posted Speed:</b>	40 MPH	<b>Calibration Test:</b>	Y

Speed (mph)	Num. Veh.	Cum. Pct.
15		
16		
17		
18		
19		
20		
21		
22		
23		
24	1	0.9%
25	1	1.8%
26		
27		
28		
29	2	3.5%
30	1	4.4%
31	3	7.0%
32	5	11.4%
33	6	16.7%
34	6	21.9%
35	9	29.8%
36	12	40.4%
37	5	44.7%
38	13	56.1%
39	13	67.5%
40	6	72.8%
41	2	74.6%
42	5	78.9%
43	6	84.2%
44	2	86.0%
45	5	90.4%
46	3	93.0%
47	5	97.4%
48	2	99.1%
49		
50	1	100.0%
51		
52		
53		
54		
55		
56		
57		
58		
59		
60		
61		
62		
63		
64		
65		
66		
67		
68		
69		
70		
Total	114	



### DATA ANALYSIS

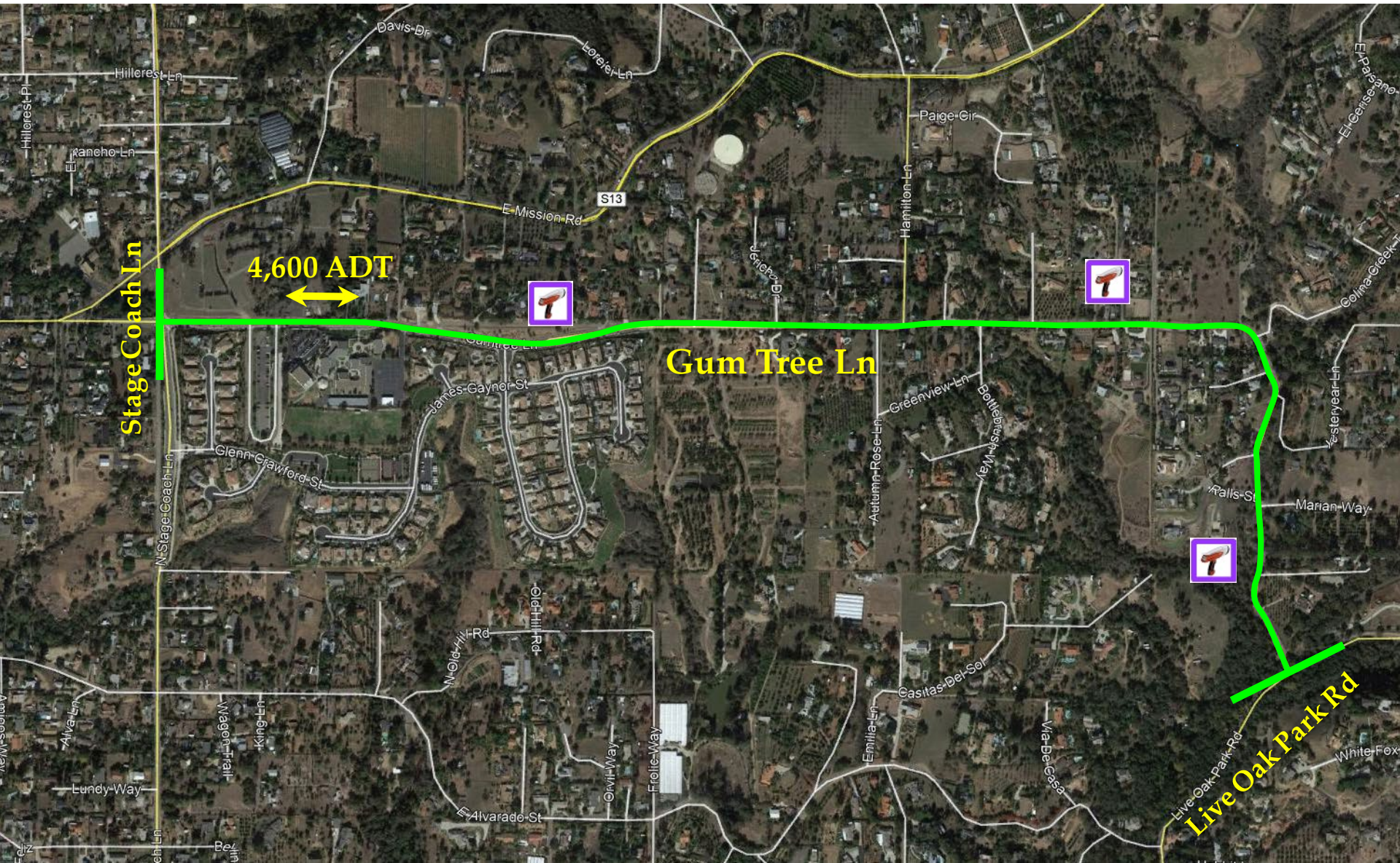
Average Speed	38.1	Range	24 - 50
50th Percentile	37.5	10 mph Pace	31 - 40
85th Percentile	43.5	Number in Pace	78
90th Percentile	44.9	Percent in Pace	68%
95th Percentile	46.5		



# 5-E. Radar Certification

## Gum Tree Lane

### Stage Coach Lane to Live Oak Park Road (1.49 mi)





## SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE

**COMMITTEE REPORT OF:** March 12, 2021

**Item 5-E**

**SUPERVISORIAL DISTRICT:** 5

**SUBJECT:** Radar Certification

**LOCATION:** Gum Tree Lane from Stage Coach Lane to Live Oak Park Road (a distance of 1.49 miles) FALLBROOK (Thos. Bros. 1027-J1)

**INITIATED BY:** DPW Traffic Engineering

**REQUEST:** Radar Certification

### **PROBLEM AS STATED BY REQUESTER:**

Gum Tree Lane from Stage Coach Lane to Hamilton Lane is posted 35 MPH Radar Enforced. Preliminary review of prevailing speeds and roadway conditions could support radar certification of a 35 MPH speed limit on Gum Tree Lane from Stage Coach Lane to Live Oak Park Road.

### **Existing Traffic Devices**

Gum Tree Lane is a striped two-lane local roadway with a 24 to 30 foot travelled way on a 26 to 30 foot road bed. The roadway is striped with a no passing centerline. There is a marked school zone with school speed limit signs w/ flashing beacons between Stage Coach Lane and Hamilton Lane. There is a speed advisory turn and reverse turn signage along the roadway. Gum Tree Lane from Stage Coach Lane to Hamilton Lane is classified as a Light Collector on the County General Plan Mobility Element Network. Gum Tree Lane from Hamilton Lane to Live Oak Park Road is unclassified. The roadway is posted 35 MPH/Radar Enforced from Stage Coach Lane to Hamilton Lane.

### **Average Daily Traffic Volumes**

	<b><u>02/21</u></b>	<b><u>10/13</u></b>	
Gum Tree Lane:			
E/o Stage Coach Lane	3,989 *	3,473	*Estimate

<b><u>Speed Data</u></b>		<b><u>85th Percentile</u></b>	<b><u>10 MPH Pace</u></b>	<b><u>% in Pace</u></b>
Gum Tree Lane:				
900' E/o Stage Coach Lane	(2013)	40.0 MPH	31-40	66.0%
150' E/o Tom McGuiness Jr Circle	(2021)	45.3 MPH	33-42	59.0%
940' E/o Bottlebrush Way	(2021)	41.8 MPH	32-41	68.0%
270' S/o Marian Way	(2021)	40.0 MPH	31-40	74.0%

Speed Zone	(2021)	42.4 MPH	32-41	67.0%
------------	--------	----------	-------	-------

**Collision Data**

There has been 6 reported collision along this segment of roadway, 2 of which involved injury, in a 3 year period (02-01-18 to 01-31-21). This collision result in a segment accident rate of 0.92 collisions per million vehicle miles. The statewide average is 1.60 collisions per million vehicle miles for similar suburban conventional 2 lanes or less with speeds less than 45 MPH.



# County of San Diego

JEFF MONEDA  
DIRECTOR

DEPARTMENT OF PUBLIC WORKS  
5510 OVERLAND AVENUE, SUITE 410  
SAN DIEGO, CA 92123-1237  
(858) 694-2212  
[www.sdcounty.ca.gov/dpw/](http://www.sdcounty.ca.gov/dpw/)

## COUNTY TRAFFIC ENGINEER RECOMMENDATION

Date: March 2, 2021

Item Title: Speed Limit Recertification and Extension

Location: Gum Tree Lane from Stage Coach Lane to Live Oak Park Road

CTE Recommendation: **Recertify and Extend 35MPH Speed Limit** *340*

Conditions:

- Section 22358 of the California Vehicle Code authorizes a local agency to determine upon the basis of an Engineering and Traffic Survey (E&TS) that the speed limit of 65 miles per hour (mph) is more than is reasonable or safe, the agency may declare a prima facie speed limit of 60, 55, 50, 45, 40, 35, 30, or 25 mph, whichever is found most appropriate and is reasonable and safe.
- Section 2B.13 "Speed Limit Sign (R2-1)" of the California MUTCD, provides that an E&TS shall include a) prevailing speeds, b) collision records, and c) highway, traffic and roadside conditions that are not apparent to a driver.
- The California Manual on Uniform Traffic Control Devices stipulates that speed limits are usually set at the 5 mph increment above or below the prevailing (85<sup>th</sup> percentile) speed of motorists.
- Gum Tree Lane between Stage Coach Lane and Hamilton Lane is a two-lane Light Collector roadway with no bike lanes. The south side of Gum Tree Lane is partially improved with curb/gutter/sidewalk for the first half mile east of Stage Coach Lane. The rest of Gum Tree Lane is unimproved with limited shoulder. The last leg of Gum Tree Lane from 2,000' west of Live Oak Park Road is curvilinear and has a steeper grade. Several driveways take direct access to the roadway.
- The partially improved wider western segment is the location of William H. Frazier Elementary School which takes direct access from Gum Tree Lane. There is a school associated pedestrian presence in the school's vicinity.



- Gum Tree Lane is currently posted with a 35mph radar enforced speed limit between Stage Coach Lane and Hamilton Lane. Preliminary review of prevailing speeds and roadway conditions could support radar certification of a 35mph speed limit on Gum Tree Lane from Stage Coach Lane to Live Oak Park Road.
- Recent speed surveys on Gum Tree Lane taken on February 10, 2021 at 3 locations within the subject segment of Gum Tree Lane resulted in an overall prevailing speed of 42.4 mph, which supports a speed limit of 40 mph using radar for speed enforcement.
- A review of the roadway collision data for the most recent three-year period (Jan 2018 to Jan 2021) shows a total of 6 reported collisions on the subject section of Gum Tree Lane which results in a collision rate of 0.91 collisions per million-vehicle-mile (c/mvm) compared to a state average of 1.60 c/mvm for similar roadway.
- Pursuant to CVC section 22358, limited shoulders, presence of driveways, school and pedestrian, coupled with guidance from the CA MUTCD section 2B.13, a 35-mph radar enforced speed limit on Gum Tree Lane between Stage Coach Lane and Live Oak Park Road is reasonable and safe.

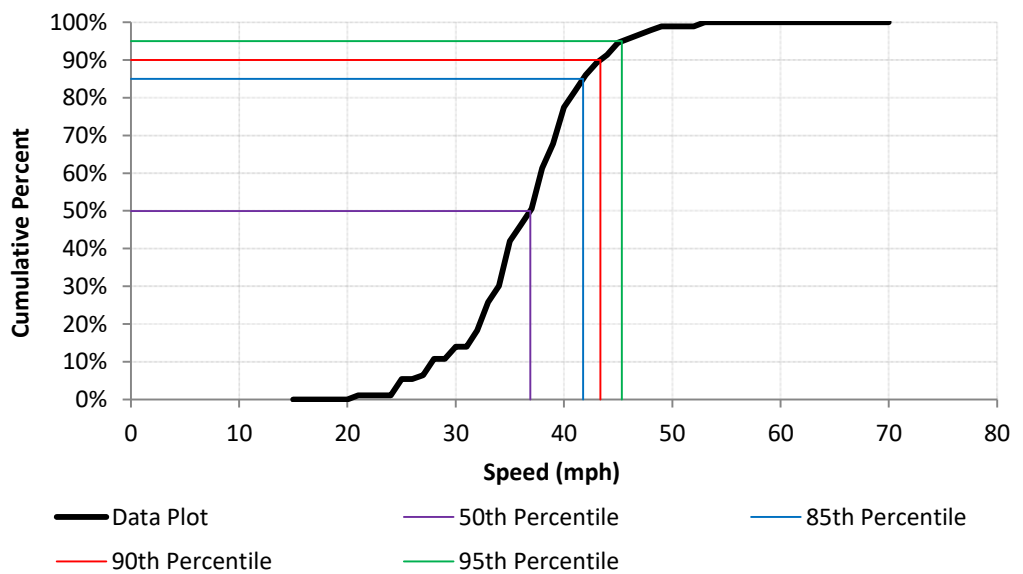
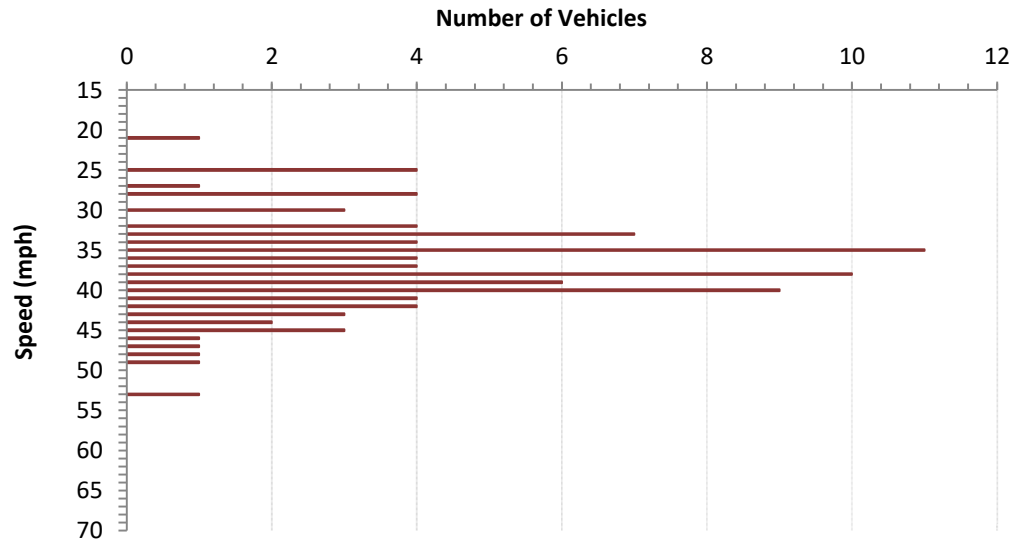


## RADAR SPEED SURVEY

### SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

<b>Road Name:</b>	Gum Tree Lane	<b>From:</b>	Stage Coach Lane	<b>To:</b>	Live Oak Park Road
<b>Position:</b>	940' E/O Bottlebush Way			<b>Direction:</b>	EB/WB
<b>Date:</b>	2/10/2021	<b>Weather:</b>	Clear	<b>Project Number:</b>	0
<b>Time Start:</b>	11:50 AM	<b>Road Condition:</b>	Dry	<b>Observer:</b>	Chris Chan
<b>Time End:</b>	1:50 PM	<b>Posted Speed:</b>	35 MPH	<b>Calibration Test:</b>	Y

Speed (mph)	Num. Veh.	Cum. Pct.
15		
16		
17		
18		
19		
20		
21	1	1.1%
22		
23		
24		
25	4	5.4%
26		
27	1	6.5%
28	4	10.8%
29		
30	3	14.0%
31		
32	4	18.3%
33	7	25.8%
34	4	30.1%
35	11	41.9%
36	4	46.2%
37	4	50.5%
38	10	61.3%
39	6	67.7%
40	9	77.4%
41	4	81.7%
42	4	86.0%
43	3	89.2%
44	2	91.4%
45	3	94.6%
46	1	95.7%
47	1	96.8%
48	1	97.8%
49	1	98.9%
50		
51		
52		
53	1	100.0%
54		
55		
56		
57		
58		
59		
60		
61		
62		
63		
64		
65		
66		
67		
68		
69		
70		
Total	93	



#### DATA ANALYSIS

Average Speed	36.8	Range	21 - 53
50th Percentile	36.9	10 mph Pace	32 - 41
85th Percentile	41.8	Number in Pace	63
90th Percentile	43.4	Percent in Pace	68%
95th Percentile	45.4		

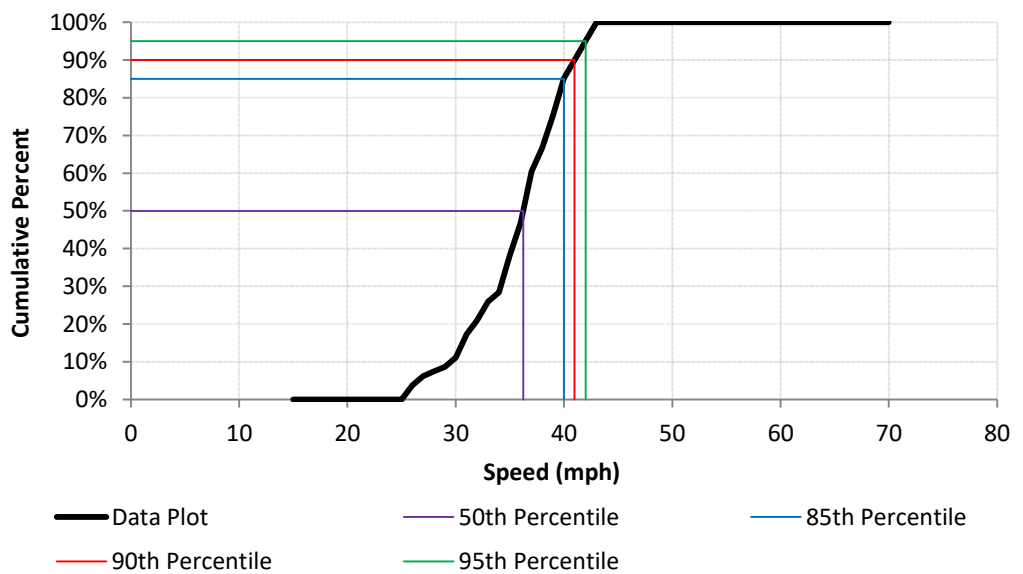
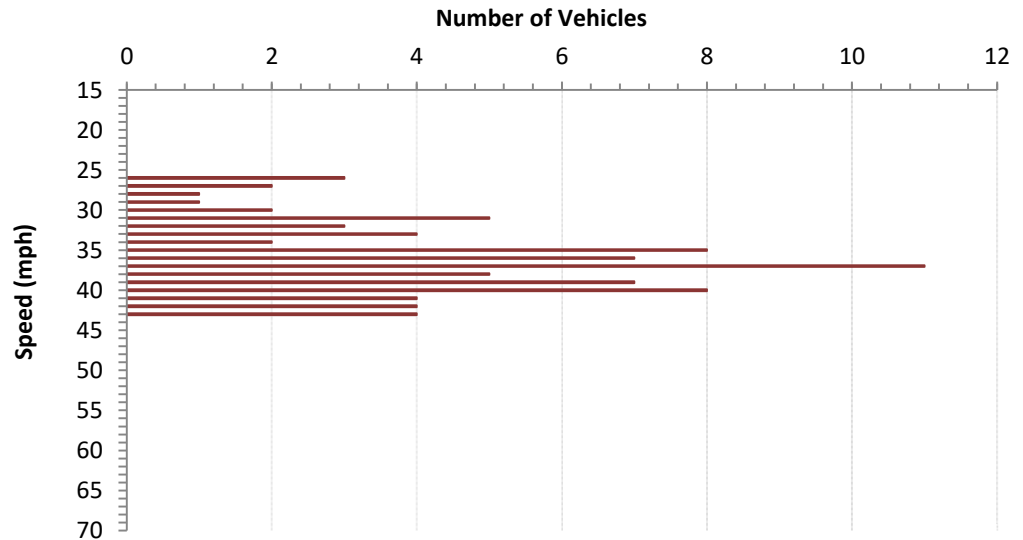


## RADAR SPEED SURVEY

### SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

<b>Road Name:</b>	Gum Tree Lane	<b>From:</b>	Stage Coach Lane	<b>To:</b>	Live Oak Park Road
<b>Position:</b>	270' s/o Marian	<b>Direction:</b>	NB/SB		
<b>Date:</b>	2/10/2021	<b>Weather:</b>	Clear	<b>Project Number:</b>	0
<b>Time Start:</b>	12:25 PM	<b>Road Condition:</b>	Dry	<b>Observer:</b>	Chris Chan
<b>Time End:</b>	1:40 PM	<b>Posted Speed:</b>	35 MPH	<b>Calibration Test:</b>	Y

Speed (mph)	Num. Veh.	Cum. Pct.
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		
26	3	3.7%
27	2	6.2%
28	1	7.4%
29	1	8.6%
30	2	11.1%
31	5	17.3%
32	3	21.0%
33	4	25.9%
34	2	28.4%
35	8	38.3%
36	7	46.9%
37	11	60.5%
38	5	66.7%
39	7	75.3%
40	8	85.2%
41	4	90.1%
42	4	95.1%
43	4	100.0%
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		
Total	81	



#### DATA ANALYSIS

Average Speed	36.1	Range	26 - 43
50th Percentile	36.2	10 mph Pace	31 - 40
85th Percentile	40.0	Number in Pace	60
90th Percentile	41.0	Percent in Pace	74%
95th Percentile	42.0		



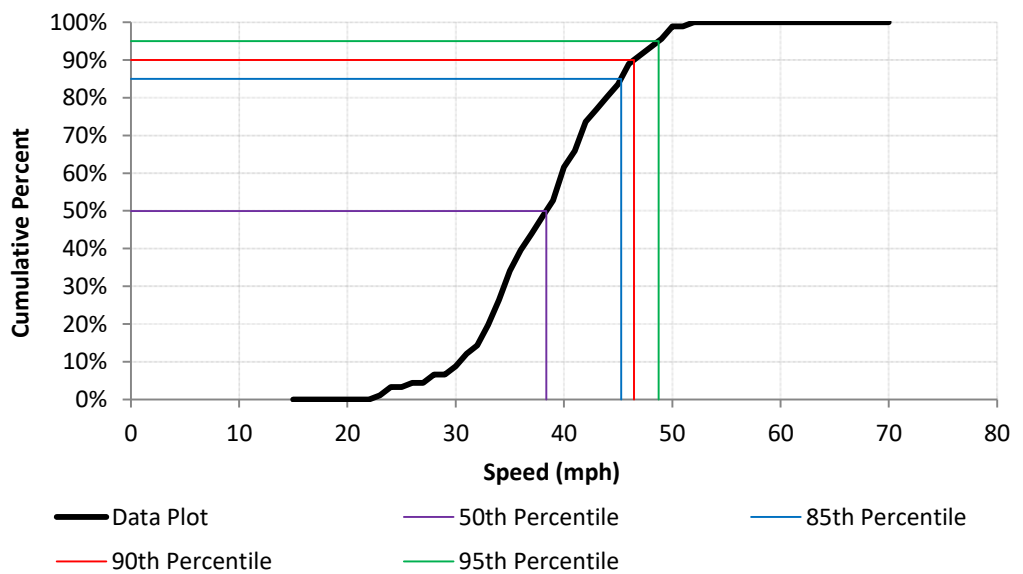
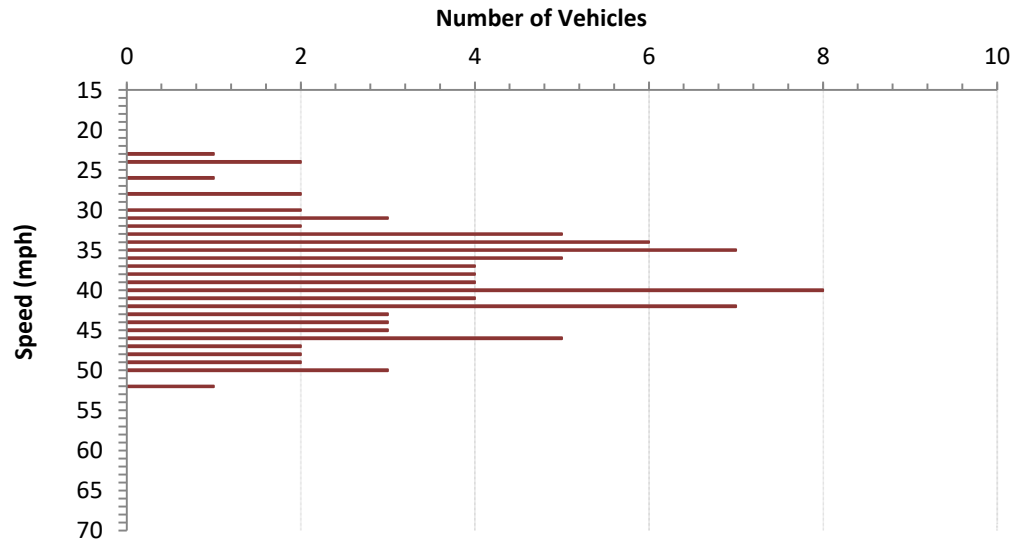


# RADAR SPEED SURVEY

## SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

<b>Road Name:</b>	Gum Tree Lane	<b>From:</b>	Stage Coach Lane	<b>To:</b>	Live Oak Park Road
<b>Position:</b>	150' E/O Tom McGuinness Jr Circle			<b>Direction:</b>	WB/EB
<b>Date:</b>	2/10/2021	<b>Weather:</b>	Clear	<b>Project Number:</b>	0
<b>Time Start:</b>	9:40 AM	<b>Road Condition:</b>	Dry/Good	<b>Observer:</b>	Chris Chan
<b>Time End:</b>	11:40 AM	<b>Posted Speed:</b>	35 MPH	<b>Calibration Test:</b>	Y

Speed (mph)	Num. Veh.	Cum. Pct.
15		
16		
17		
18		
19		
20		
21		
22		
23	1	1.1%
24	2	3.3%
25		
26	1	4.4%
27		
28	2	6.6%
29		
30	2	8.8%
31	3	12.1%
32	2	14.3%
33	5	19.8%
34	6	26.4%
35	7	34.1%
36	5	39.6%
37	4	44.0%
38	4	48.4%
39	4	52.7%
40	8	61.5%
41	4	65.9%
42	7	73.6%
43	3	76.9%
44	3	80.2%
45	3	83.5%
46	5	89.0%
47	2	91.2%
48	2	93.4%
49	2	95.6%
50	3	98.9%
51		
52	1	100.0%
53		
54		
55		
56		
57		
58		
59		
60		
61		
62		
63		
64		
65		
66		
67		
68		
69		
70		
Total	91	



### DATA ANALYSIS

Average Speed	38.6	Range	23 - 52
50th Percentile	38.4	10 mph Pace	33 - 42
85th Percentile	45.3	Number in Pace	54
90th Percentile	46.5	Percent in Pace	59%
95th Percentile	48.7		

# 5-F. Intersection Control

## Potter Street & Elder Street



## SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE

**COMMITTEE REPORT OF:** March 12, 2021 **Item 5-F**

**SUPERVISORIAL DISTRICT:** 5

**SUBJECT:** Intersection Control

**LOCATION:** Potter Street & Elder Street, FALLBROOK (Thos. Bros. 1027-G3)

**INITIATED BY:** DPW Traffic Engineering

**REQUEST:** All-Way Stop Control

### **PROBLEM AS STATED BY REQUESTER:**

The intersection of Potter Street & Elder Street has been identified by Traffic Engineering as meeting criteria C, regarding lack of sight distance, of the Multi-Way Stop Application optional criteria as described in the California Manual on Uniform Traffic Control Devices (CA MUTCD), Section 2B.07, therefore an all-way stop control should be considered.

### **Existing Traffic Devices**

Potter Street is a striped two-lane local roadway with no passing centerline. The road runs north/south and has a 32-to-40-foot travelled way on a 40-to-56-foot roadbed. There are intersection advisory signs approaching the intersection at Elder Street in both directions. The roadway is unclassified on the County General Plan Mobility Element Network. Potter Street is a posted 25 MPH Radar Enforced residence district.

Elder Street is a striped two-lane local roadway with no passing centerline. The road runs east/west and has a 28-to-40-foot travelled way and roadbed. There are stop ahead advisory signs approaching the intersection at Potter Street in both directions. The roadway is unclassified on the County General Plan Mobility Element Network. Elder Street is stop controlled at the intersection of Proctor Valley Road in both east and west bound directions.

<b><u>Average Daily Traffic Volumes</u></b>	<b><u>02/21*</u></b>	<b><u>03/11</u></b>	<b><u>01/08</u></b>
Potter Street:			
S/o Elder Street	1,990 NB	1,480 NB	
N/o Elder Street	1,587 SB	1,181 SB	
Elder Street:			
W/o Potter Street	1,270 EB	944 EB	1347 EB
E/o Potter Street	652 WB	485 WB	502 WB

\*Estimate



**Collision Data**

There have been 5 reported collision at this intersection, 3 of which involved an injury, within a past 3-year period (05-01-17 to 07-31-20). These collisions produced an intersection accident rate of 0.79 collisions per million vehicles entering. The state-wide average is 0.24 collisions per million vehicles entering for similar four-legged stop sign controlled (excluding 4-way stop controlled) intersections.



# County of San Diego

**JEFF MONEDA**  
DIRECTOR

DEPARTMENT OF PUBLIC WORKS  
5510 OVERLAND AVENUE, SUITE 410  
SAN DIEGO, CA 92123-1237  
(858) 694-2212  
[www.sdcounty.ca.gov/dpw/](http://www.sdcounty.ca.gov/dpw/)

## COUNTY TRAFFIC ENGINEER RECOMMENDATION

Date: March 2, 2021

Item Title: All-Way Stop Controls

Location: Potter Street and Elder Street Intersection

Recommendation: **Install All-Way Stop Controls** *340*

Conditions:

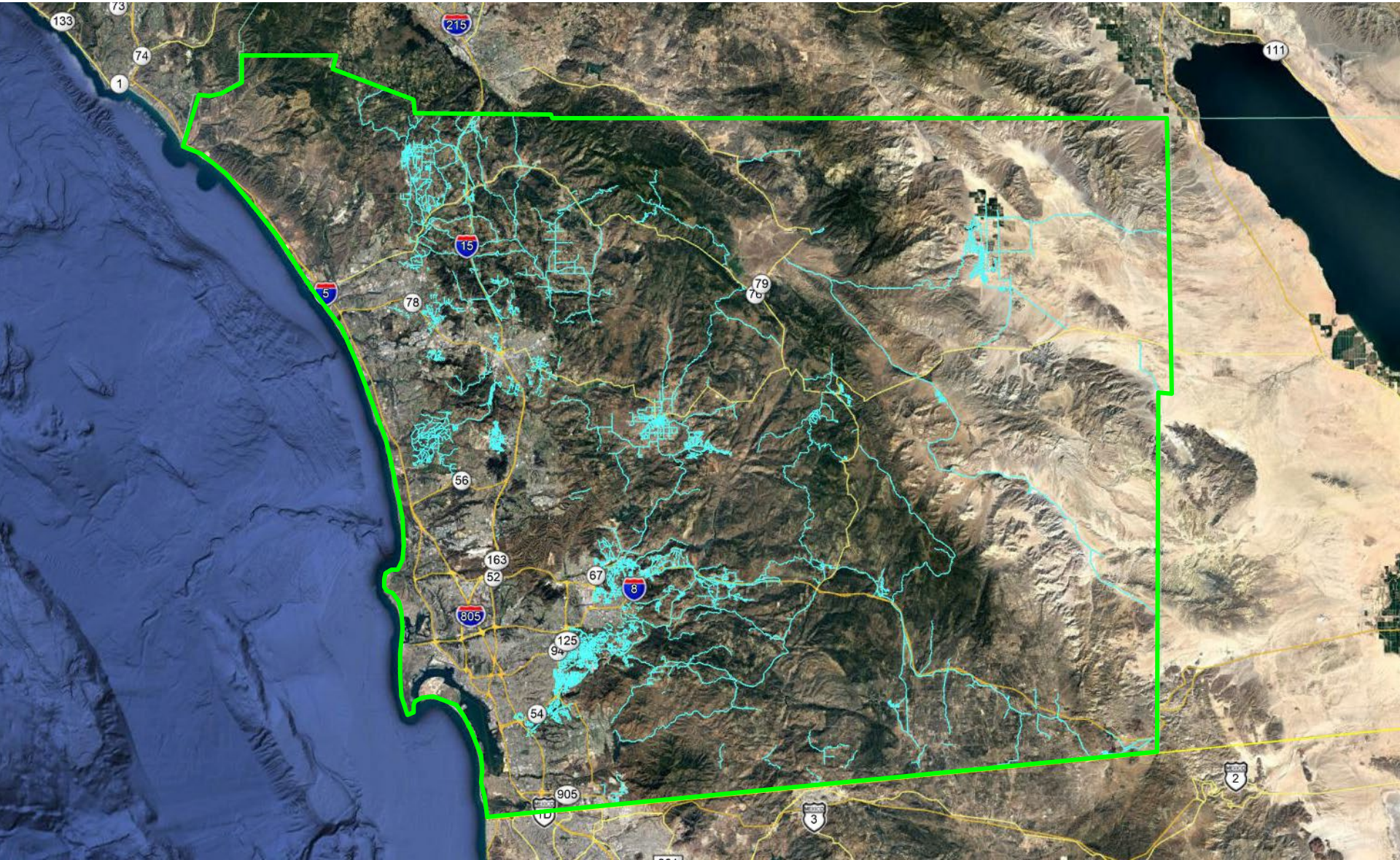
- Section 21354 "Stop Signs on Local Highways" of the California Vehicle Code (CVC) authorizes local agencies to designate any intersection under its exclusive jurisdiction as a stop intersection.
- Section 2B.07 "Multi-Way Stop Applications" of the California MUTCD, provides four optional criteria that may be considered in an engineering study when evaluating an intersection for an all-way stop control.
- Section 2B.07 - Option C, lack of sight distance, indicates all-way stop controls can be considered when motorists on the controlled approach are unable to see conflicting traffic to determine when it is safe to enter the intersection.
- Section 2B.07 - Option D, Intersection of two Residential Collectors, indicates all-way stop controls may be considered at an intersection of two residential collectors of similar design and the all-way stop control would enhance the traffic operations of said intersection. Both Elder Street and Potter Street are considered Residential Collectors with similar traffic operation.
- Elder Street travels from east to west and Potter Street travels from north to south in the Community of Fallbrook. Motorists approaching the intersection from Elder Street in either direction lack required corner sight distance looking north and south on Potter Street to be able to properly judge traffic gap.

- The existing corner sight distance for the Elder Street eastbound intersection approach on Elder Street is 151 feet looking north and 400 feet looking south as measured in the field. The existing corner sight distance for Elder Street westbound intersection approach is 194 feet looking north and 230 feet looking south as measured in the field. Based on field observation the prevailing speed is 35 miles per hour and the required corner sight distance per County Public Road Standards is 350 feet.
- There have been 5 reported collisions in the past three (3) years at this intersection. These collisions would be correctable with an all-way stop control. The collision rate is 0.79 compared to the statewide average of 0.24.
- Pursuant to CVC section 21354 coupled with intersection collision rate and lack of adequate corner sight distance conditions, it is my recommendation that an All-Way Stop Control is appropriate and desired to improve the intersection safety.



# Informational Item

## Local Road Safety Plan (LRSP)



**SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE**  
**Informational Item 1**

**COMMITTEE REPORT OF:** March 12, 2021

**SUPERVISORIAL DISTRICT:** All

**SUBJECT:** Local Road Safety Plan (LRSP) - Update

**LOCATION:** COUNTYWIDE

Project update on the Local Roadway Safety Plan.

The Local Roadway Safety Plan (LRSP) will identify, analyze, and prioritize roadway safety improvements on local County maintained roadway segments and intersections. The LRSP's mission is to prevent death and severe injuries on County roadways and considers the following when prioritizing locations: 1) Community Representation; 2) Collision Rate/Frequency; 3) Health and Equity; and 4) Severity. An LRSP will be advantageous in securing future grant funds, and it is also a future requirement of Highway Safety Improvement Program (HSIP). The systemic identification of crash problems, identified roadway risk factors, and potential countermeasures will be a focus of the LRSP and in the foreseeable future.