



San Diego County Traffic Advisory Committee

Committee Secretary
5510 Overland Avenue #410, Room 470, M.S. 0-334
San Diego, California 92123-1239
kenton.jones@sdcounty.ca.gov

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

May 30, 2024

TO: Community Planning/Sponsor Group Chairpersons

FROM: Secretary, Traffic Advisory Committee

MEETING NOTICE

Attached is the preliminary agenda for the June 7, 2024 meeting of the Traffic Advisory Committee (TAC).

If your community group has not previously provided input on the proposed agenda items in your jurisdiction and your group would like to provide input, we recommend you place the relevant items on your next available community group meeting agenda for discussion. Please let us know if your group decides to review an item and TAC staff will ensure that your group has adequate time to review before the item is placed on a future TAC meeting agenda.

After reviewing the data and discussing alternatives, the TAC submits a recommendation to the Board as to what it believes to be the most appropriate action based upon sound traffic engineering principles, the California Vehicle Code, and driver expectation. 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 you do have any questions or need additional information regarding this procedure, please contact me at kenton.jones@sdcounty.ca.gov. TAC staff is available to provide background information on items and to answer questions you may have.

This TAC meeting on June 7, 2024, will be conducted with a virtual meeting platform option. Please join us in person or use this link below to join the meeting:

Join on your computer, mobile app or room device

[Click here to join the meeting](#)

Meeting ID: 234 770 770 151

Passcode: yqCrLH

[Download Teams](#) | [Join on the web](#)

Or call in (audio only)

[+1 619-343-2539,,311196924#](#) United States, San Diego

Phone Conference ID: 311 196 924#

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

Very truly yours,

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

KRJ:bb
Attachment



SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE

**June 7, 2024 ~ 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. Announcements / Public Forum**
- V. Items for Review**

SUBJECT	LOCATION	AREA/ COMMUNITY GROUP
<u>SUPERVISORIAL DISTRICT 2</u>		
2-A. RADAR CERTIFICATION	BARNETT ROAD/ELEVENTH STREET HANSON LANE TO SAN VICENTE ROAD	RAMONA EAST/ RAMONA CPG
2-B. RADAR CERTIFICATION	ELEVENTH STREET SAN VICENTE ROAD TO SR-67	RAMONA WEST/ RAMONA CPG
<u>SUPERVISORIAL DISTRICT 3</u>		
3-A. RADAR CERTIFICATION	EL CAMINO REAL/LA NORIA LA ORILLA TO LA BAJADA	RANCHO SAN DIEGUITO/ SAN DIEGUITO CPG
<u>SUPERVISORIAL DISTRICT 5</u>		
5-A. RADAR CERTIFICATION	FLOWERWOOD LANE KNOTTWOOD WAY TO GIRD ROAD	MONSERATE/ BONSALL CSG
5-B. RADAR CERTIFICATION	LITTLE GOPHER CANYON RD GOPHER CANYON ROAD TO OLD RIVER ROAD	BONSALL/ BONSALL CSG
5-C. RADAR CERTIFICATION	OLD RIVER ROAD SR-76 TO 1,000' NORTH OF DENTRO DE LOMAS RD	BONSALL/ BONSALL CSG
5-D. RADAR CERTIFICATION	ROYAL CREST DRIVE SUNSET DR TO BEAR VALLEY PY	SAN PASQUAL/ N/A
<u>INFORMATIONAL ITEM</u>		
SETTING SPEED LIMITS (AB 43 & AB 1938)		

For information on joining the meeting via Microsoft Teams, please look for the meeting agenda on the Traffic Advisory Committee website at:

<https://www.sandiegocounty.gov/content/sdc/dpw/transportation/tacagenda.html>

Barnett Road/Eleventh Street

Hanson Lane to San Vicente Road (0.68 miles)



SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE

COMMITTEE REPORT OF: June 7, 2024 **Item 2-A**
SUPERVISORIAL DISTRICT: 2
SUBJECT: Radar Certification
LOCATION: Barnett Road/Eleventh Street from Hanson Lane to San Vicente Road (a distance of 0.68 miles) RAMONA EAST
INITIATED BY: DPW Traffic Engineering
REQUEST: Radar Certification

PROBLEM AS STATED BY REQUESTER:

Barnett Road/Eleventh Street from Hanson Lane to San Vicente Road is currently posted with a 35 MPH speed limit. A preliminary review of prevailing speeds and roadway conditions could support radar certification a 30 MPH speed limit.

Existing Traffic Devices

Barnett Road/Eleventh Street is an unstriped 2-lane undivided highway that is 24 feet wide. The road is posted with head-on arrow at the curve where Barnett Road becomes Eleventh Street. A guard rail is present at a culvert along the road. Barnett Road/Eleventh Street is currently unclassified on the County General Plan Mobility Element Network. Barnett Road/Eleventh Street is posted with a 35 MPH speed limit.

Average Daily Traffic Volumes **03/24**

Barnett Road:
1,190' N/o Hanson Lane 1,190

<u>Speed Data</u>	<u>85th Percentile</u>	<u>10 MPH Pace</u>	<u>% in Pace</u>
Barnett Road: 1,190' N/o Hanson Lane	(2024) 34.6 MPH	26-35	64%

Collision Data

There have been 1 reported collision along this segment of roadway in a 3-year (2021-01-01 to 2023-12-31) This collision results in a segment accident rate of 1.76 collisions per million vehicle miles. The statewide average is 1.68 collisions per million vehicle miles for similar suburban, conventional 2 lanes or less, roads with speeds less than 45 MPH.

VOLUME

Barnett Rd 1190' N/O Hanson Ln

Day: Thursday
 Date: 3/21/2024

City: Ramona
 Project #: CA24_040040_013

DAILY TOTALS					NB	SB	EB	WB	Total		
					350	417	0	0	767		
AM Period	NB	SB	EB	WB	TOTAL	PM Period	NB	SB	EB	WB	TOTAL
0:00	0	0	0	0		12:00	3	5	0	0	8
0:15	0	0	0	0		12:15	3	5	0	0	8
0:30	2	1	0	0	3	12:30	4	6	0	0	10
0:45	0	2	0	1	3	12:45	7	17	8	24	15
1:00	1	0	0	0	1	13:00	7	6	0	0	13
1:15	0	0	0	0		13:15	6	7	0	0	13
1:30	0	0	0	0		13:30	5	7	0	0	12
1:45	0	1	0	0	1	13:45	2	20	8	28	10
2:00	0	0	0	0		14:00	7	5	0	0	12
2:15	0	0	0	0		14:15	4	8	0	0	12
2:30	0	0	0	0		14:30	6	12	0	0	18
2:45	0	2	2	0	2	14:45	0	17	7	32	7
3:00	0	0	0	0		15:00	4	8	0	0	12
3:15	1	0	0	0	1	15:15	11	3	0	0	14
3:30	0	1	0	0	1	15:30	19	13	0	0	32
3:45	0	1	0	1	2	15:45	10	44	12	36	22
4:00	0	1	0	0	1	16:00	10	6	0	0	16
4:15	0	1	0	0	1	16:15	9	11	0	0	20
4:30	1	0	0	0	1	16:30	16	16	0	0	32
4:45	1	2	0	2	4	16:45	7	42	3	36	10
5:00	4	0	0	0	4	17:00	7	9	0	0	16
5:15	3	4	0	0	7	17:15	7	7	0	0	14
5:30	2	0	0	0	2	17:30	4	8	0	0	12
5:45	2	11	2	6	4	17:45	11	29	3	27	14
6:00	0	0	0	0		18:00	6	6	0	0	12
6:15	1	0	0	0	1	18:15	5	16	0	0	21
6:30	2	4	0	0	6	18:30	5	7	0	0	12
6:45	2	5	11	15	13	18:45	9	25	7	36	16
7:00	3	6	0	0	9	19:00	6	7	0	0	13
7:15	10	2	0	0	12	19:15	4	4	0	0	8
7:30	3	14	0	0	17	19:30	4	5	0	0	9
7:45	4	20	9	31	13	19:45	4	18	4	20	8
8:00	9	3	0	0	12	20:00	3	6	0	0	9
8:15	7	13	0	0	20	20:15	2	2	0	0	4
8:30	4	7	0	0	11	20:30	2	4	0	0	6
8:45	6	26	3	26	9	20:45	0	7	1	13	1
9:00	5	7	0	0	12	21:00	4	3	0	0	7
9:15	7	5	0	0	12	21:15	0	7	0	0	7
9:30	3	9	0	0	12	21:30	0	4	0	0	4
9:45	5	20	4	25	9	21:45	0	4	1	15	1
10:00	2	4	0	0	6	22:00	2	2	0	0	4
10:15	4	1	0	0	5	22:15	0	1	0	0	1
10:30	3	1	0	0	4	22:30	1	0	0	0	1
10:45	3	12	7	13	10	22:45	0	3	0	3	6
11:00	5	6	0	0	11	23:00	0	1	0	0	1
11:15	6	6	0	0	12	23:15	0	0	0	0	
11:30	9	7	0	0	16	23:30	0	0	0	0	
11:45	4	24	5	24	9	23:45	0	0	1	0	1
TOTALS	124	146			270	TOTALS	226	271			497
SPLIT %	45.9%	54.1%			35.2%	SPLIT %	45.5%	54.5%			64.8%

DAILY TOTALS					NB	SB	EB	WB	Total
					350	417	0	0	767
AM Peak Hour	7:15	7:30		7:30	PM Peak Hour	15:15	15:45		15:30
AM Pk Volume	26	39		62	PM Pk Volume	50	45		90
Pk Hr Factor	0.650	0.696		0.775	Pk Hr Factor	0.658	0.703		0.703
7 - 9 Volume	46	57	0	103	4 - 6 Volume	71	63	0	134
7 - 9 Peak Hour	7:15	7:30		7:30	4 - 6 Peak Hour	16:00	16:15		16:00
7 - 9 Pk Volume	26	39	0	62	4 - 6 Pk Volume	42	39	0	78
Pk Hr Factor	0.650	0.696	0.000	0.775	Pk Hr Factor	0.656	0.609	0.000	0.609



RADAR SPEED SURVEY

SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

Road Name: Barnett Rd **From:** Hanson Ln **To:** Eleventh St

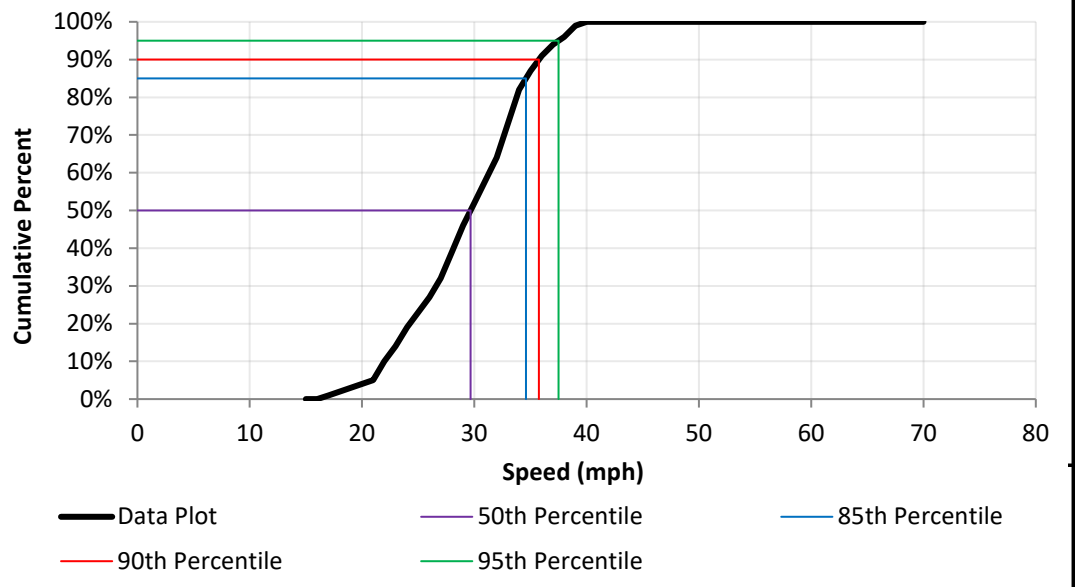
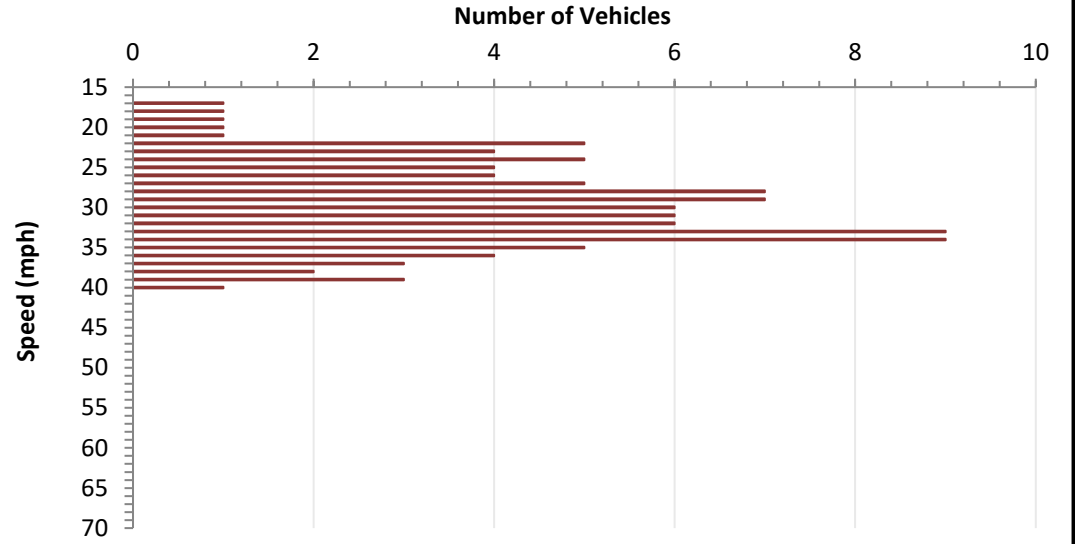
Position: 1,190' N/o Hanson Ln **Direction:** NB/SB

Date: 3/21/2024 **Weather:** Clear **Project Number:** 24-040041-011

Time Start: 12:10 PM **Road Condition:** Dry **Observer:** Contractor

Time End: 3:40 PM **Posted Speed:** 35 MPH **Calibration Test:** Y

Speed (mph)	Num. Veh.	Cum. Pct.
15		
16		
17	1	1.0%
18	1	2.0%
19	1	3.0%
20	1	4.0%
21	1	5.0%
22	5	10.0%
23	4	14.0%
24	5	19.0%
25	4	23.0%
26	4	27.0%
27	5	32.0%
28	7	39.0%
29	7	46.0%
30	6	52.0%
31	6	58.0%
32	6	64.0%
33	9	73.0%
34	9	82.0%
35	5	87.0%
36	4	91.0%
37	3	94.0%
38	2	96.0%
39	3	99.0%
40	1	100.0%
41		
42		
43		
44		
45		
46		
47		
48		
49		
50		
51		
52		
53		
54		
55		
56		
57		
58		
59		
60		
61		
62		
63		
64		
65		
66		
67		
68		
69		
70		
Total	100	

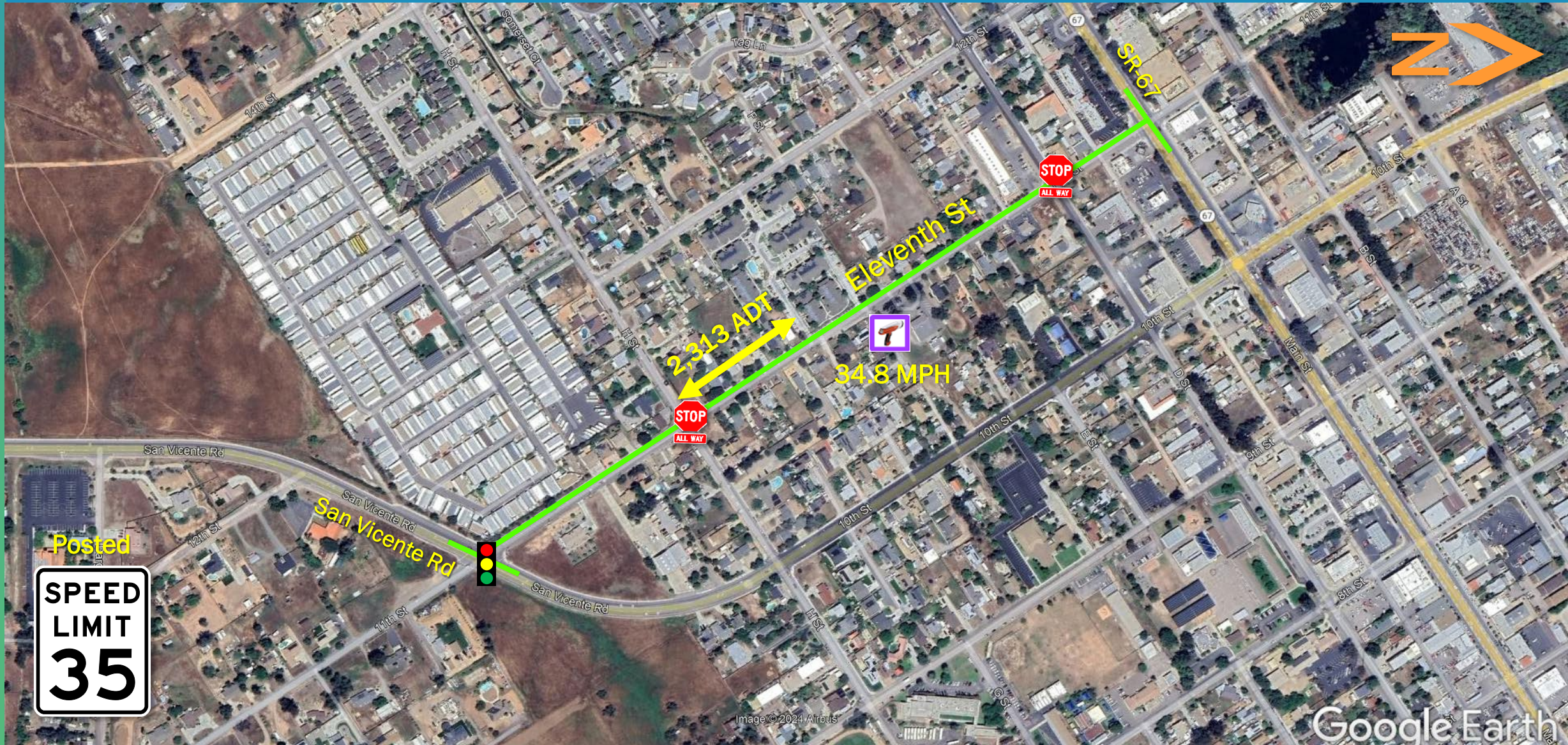


DATA ANALYSIS

Average Speed	29.8	Range	17 - 40
50th Percentile	29.7	10 mph Pace	26 - 35
85th Percentile	34.6	Number in Pace	64
90th Percentile	35.8	Percent in Pace	64%
95th Percentile	37.5		

Eleventh Street

San Vicente Road to State Route 67 (0.68 miles)



2-B. Radar Certification



Image © 2024 Airbus

Google Earth

SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE

COMMITTEE REPORT OF: June 7, 2024 **Item 2-B**

SUPERVISORIAL DISTRICT: 2

SUBJECT: Radar Certification

LOCATION: Eleventh Street from San Vicente Road to State Route 67(a distance of 0.68 miles) RAMONA WEST

INITIATED BY: DPW Traffic Engineering

REQUEST: Radar Certification

PROBLEM AS STATED BY REQUESTER:

Eleventh Street from San Vicente Road to State Route 67 is currently posted with a 35 MPH speed limit. A preliminary review of prevailing speeds and roadway conditions could support radar certification a 30 MPH speed limit.

Existing Traffic Devices

Eleventh Street is a striped 2-lane undivided highway that is 28 to 44 feet wide. It is striped with a no passing centerline. The road is posted stop ahead and fire station advisory signs. Eleventh Street is stop controlled at D Street & H Street. Eleventh Street is currently unclassified on the County General Plan Mobility Element Network. Eleventh Street is posted with a 35 MPH speed limit.

Average Daily Traffic Volumes

03/24

Eleventh Street:
800' S/o D Street 2,313

<u>Speed Data</u>	<u>85th Percentile</u>	<u>10 MPH Pace</u>	<u>% in Pace</u>
Eleventh Street: 800' S/o D Street	(2024) 34.8 MPH	25-34	68%

Collision Data

There have been 5 reported collisions, 2 which involved an injury, 1 of which involved a bicyclist, along this segment of roadway in a 3-year (2021-01-01 to 2023-12-31) This collision results in a segment accident rate of 3.81 collisions per million vehicle miles. The statewide average is 1.68 collisions per million vehicle miles for similar suburban, conventional 2 lanes or less, roads with speeds less than 45 MPH.

VOLUME

11th St 800' S/O D St

Day: Thursday
 Date: 3/21/2024

City: Ramona
 Project #: CA24_040040_012

DAILY TOTALS					NB	SB	EB	WB	Total		
					945	1,368	0	0	2,313		
AM Period	NB	SB	EB	WB	TOTAL	PM Period	NB	SB	EB	WB	TOTAL
0:00	0	0	0	0		12:00	11	22	0	0	33
0:15	2	0	0	0	2	12:15	6	17	0	0	23
0:30	1	1	0	0	2	12:30	16	12	0	0	28
0:45	0	3	1	2	1	12:45	16	49	28	79	44
					5						128
1:00	1	0	0	0	1	13:00	14	15	0	0	29
1:15	0	0	0	0		13:15	9	27	0	0	36
1:30	1	0	0	0	1	13:30	17	25	0	0	42
1:45	1	3	0	0	1	13:45	9	49	13	80	22
					3						129
2:00	0	0	0	0		14:00	15	24	0	0	39
2:15	0	0	0	0		14:15	15	27	0	0	42
2:30	0	2	0	0	2	14:30	18	34	0	0	52
2:45	0	1	3	0	1	14:45	14	62	23	108	37
					3						170
3:00	1	0	0	0	1	15:00	15	34	0	0	49
3:15	0	0	0	0		15:15	22	38	0	0	60
3:30	1	0	0	0	1	15:30	28	35	0	0	63
3:45	3	5	0	0	3	15:45	20	85	46	153	66
					5						238
4:00	6	1	0	0	7	16:00	25	36	0	0	61
4:15	7	1	0	0	8	16:15	21	44	0	0	65
4:30	2	0	0	0	2	16:30	21	28	0	0	49
4:45	8	23	1	3	9	16:45	16	83	36	144	52
					26						227
5:00	6	0	0	0	6	17:00	16	25	0	0	41
5:15	3	3	0	0	6	17:15	15	31	0	0	46
5:30	4	3	0	0	7	17:30	21	30	0	0	51
5:45	12	25	4	10	16	17:45	16	68	30	116	46
					35						184
6:00	10	5	0	0	15	18:00	15	26	0	0	41
6:15	10	8	0	0	18	18:15	24	30	0	0	54
6:30	10	8	0	0	18	18:30	14	31	0	0	45
6:45	17	47	5	26	22	18:45	13	66	12	99	25
					73						165
7:00	11	10	0	0	21	19:00	6	16	0	0	22
7:15	13	16	0	0	29	19:15	13	14	0	0	27
7:30	17	15	0	0	32	19:30	14	17	0	0	31
7:45	22	63	18	59	40	19:45	9	42	21	68	30
					122						110
8:00	16	26	0	0	42	20:00	9	14	0	0	23
8:15	19	24	0	0	43	20:15	6	18	0	0	24
8:30	18	26	0	0	44	20:30	9	19	0	0	28
8:45	17	70	8	84	25	20:45	7	31	12	63	19
					154						94
9:00	7	12	0	0	19	21:00	6	12	0	0	18
9:15	9	18	0	0	27	21:15	4	13	0	0	17
9:30	15	9	0	0	24	21:30	1	4	0	0	5
9:45	14	45	15	54	29	21:45	5	16	12	41	17
					99						57
10:00	14	14	0	0	28	22:00	2	10	0	0	12
10:15	10	21	0	0	31	22:15	1	3	0	0	4
10:30	12	14	0	0	26	22:30	3	7	0	0	10
10:45	13	49	16	65	29	22:45	3	9	4	24	7
					114						33
11:00	11	18	0	0	29	23:00	2	5	0	0	7
11:15	8	19	0	0	27	23:15	3	6	0	0	9
11:30	15	12	0	0	27	23:30	1	3	0	0	4
11:45	12	46	21	70	33	23:45	0	6	3	17	3
					116						23
TOTALS	379	376			755	TOTALS	566	992			1558
SPLIT %	50.2%	49.8%			32.6%	SPLIT %	36.3%	63.7%			67.4%

DAILY TOTALS					NB	SB	EB	WB	Total
					945	1,368	0	0	2,313

AM Peak Hour	7:45	7:45		7:45	PM Peak Hour	15:15	15:30		15:30
AM Pk Volume	75	94		169	PM Pk Volume	95	161		255
Pk Hr Factor	0.852	0.904		0.960	Pk Hr Factor	0.848	0.875		0.966
7 - 9 Volume	133	143	0	276	4 - 6 Volume	151	260	0	411
7 - 9 Peak Hour	7:45	7:45		7:45	4 - 6 Peak Hour	16:00	16:00		16:00
7 - 9 Pk Volume	75	94	0	169	4 - 6 Pk Volume	83	144	0	227
Pk Hr Factor	0.852	0.904	0.000	0.960	Pk Hr Factor	0.830	0.818	0.000	0.873

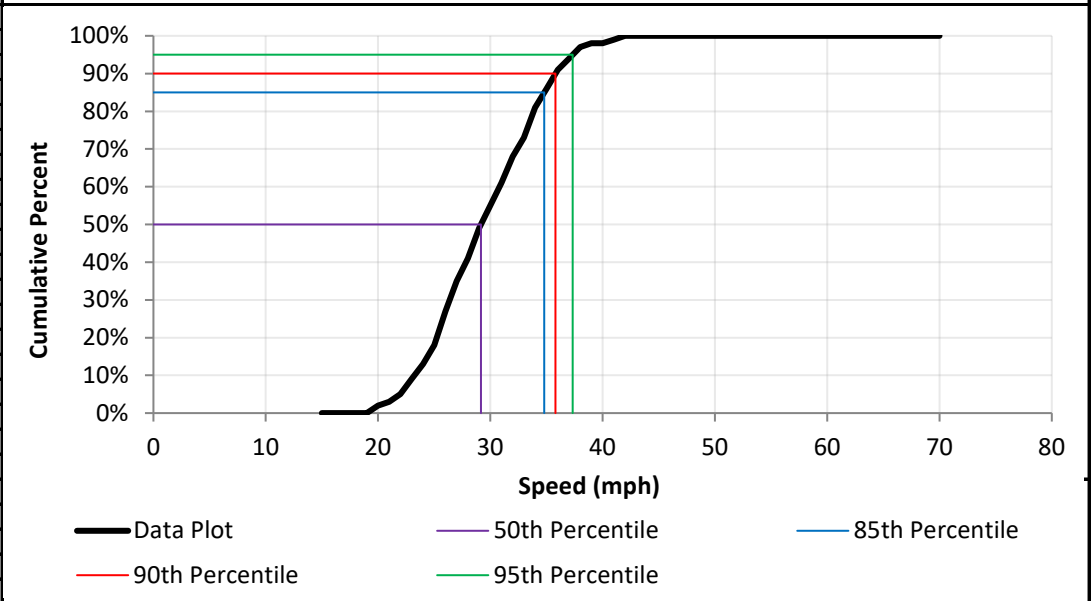
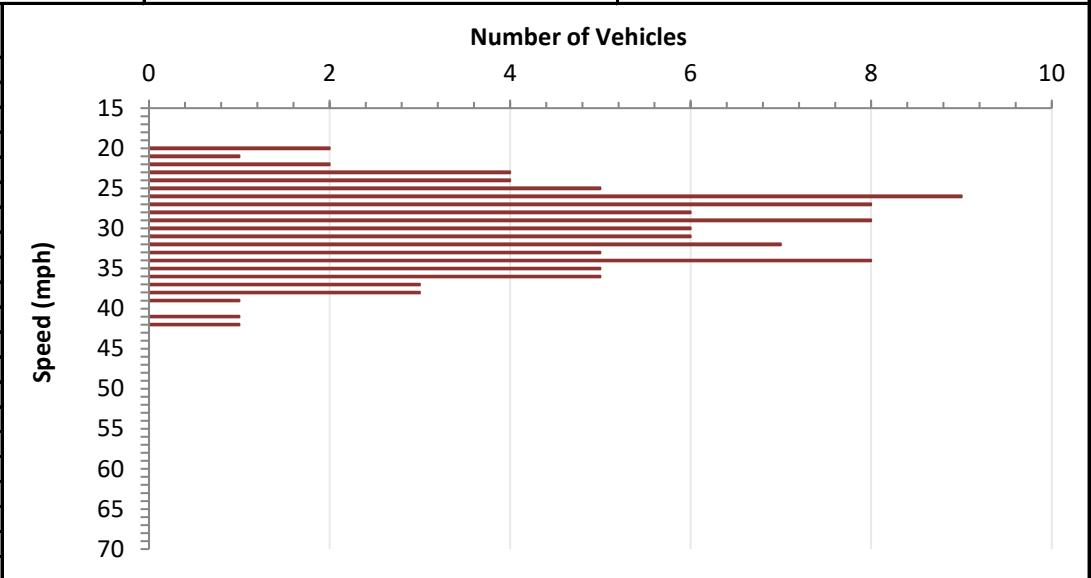


RADAR SPEED SURVEY

SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

Road Name: Eleventh St	From: San Vicente Rd	To: SR-67
Position: 800' S/o D St	Direction: NB/SB	
Date: 3/21/2024	Weather: Clear	Project Number: 24-040041-010
Time Start: 10:05 AM	Road Condition: Dry	Observer: Contractor
Time End: 12:05 PM	Posted Speed: 35 MPH	Calibration Test: Y

Speed (mph)	Num. Veh.	Cum. Pct.
15		
16		
17		
18		
19		
20	2	2.0%
21	1	3.0%
22	2	5.0%
23	4	9.0%
24	4	13.0%
25	5	18.0%
26	9	27.0%
27	8	35.0%
28	6	41.0%
29	8	49.0%
30	6	55.0%
31	6	61.0%
32	7	68.0%
33	5	73.0%
34	8	81.0%
35	5	86.0%
36	5	91.0%
37	3	94.0%
38	3	97.0%
39	1	98.0%
40		
41	1	99.0%
42	1	100.0%
43		
44		
45		
46		
47		
48		
49		
50		
51		
52		
53		
54		
55		
56		
57		
58		
59		
60		
61		
62		
63		
64		
65		
66		
67		
68		
69		
70		
Total	100	

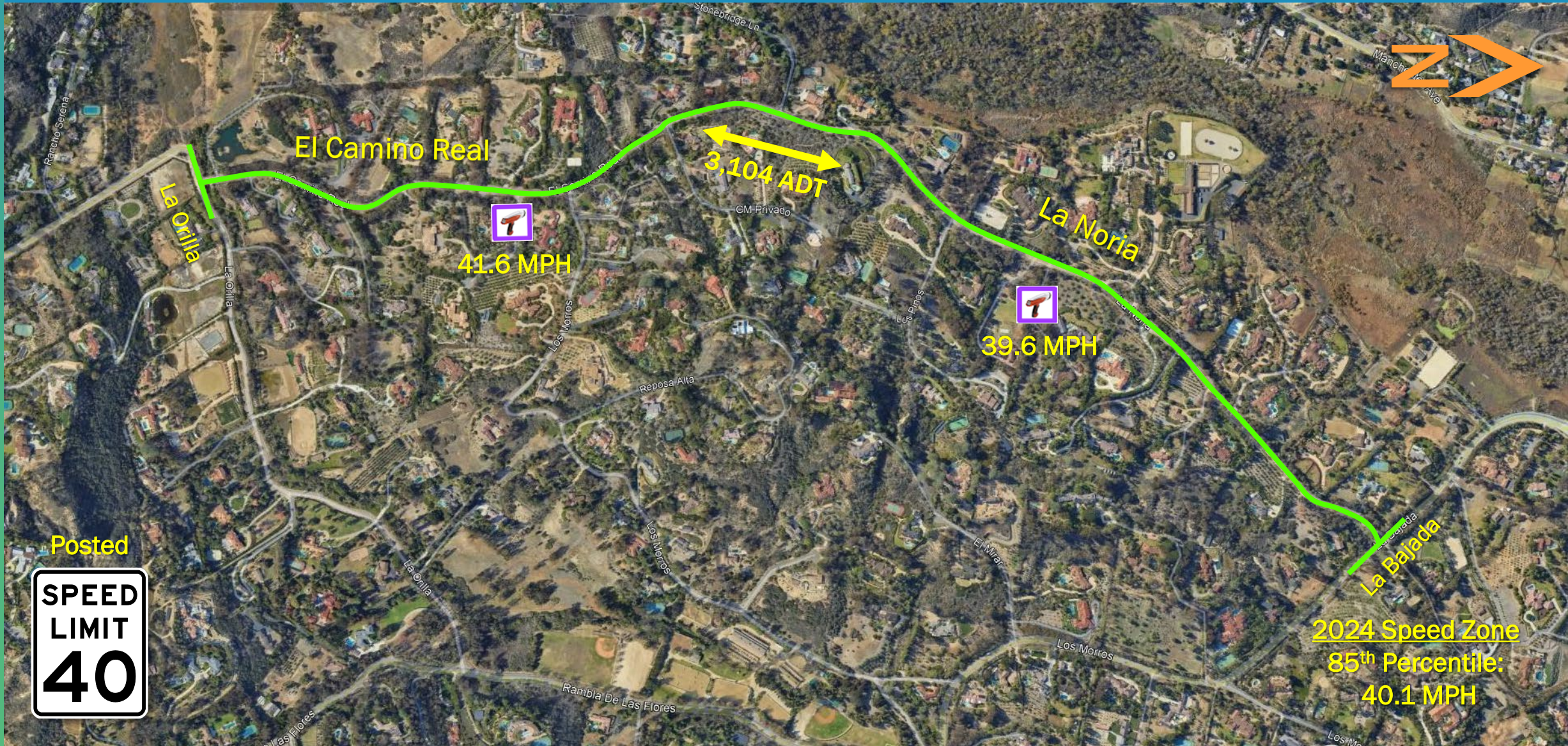


DATA ANALYSIS

Average Speed	30.0	Range	20 - 42
50th Percentile	29.2	10 mph Pace	25 - 34
85th Percentile	34.8	Number in Pace	68
90th Percentile	35.8	Percent in Pace	68%
95th Percentile	37.3		

El Camino Real / La Noria

La Orilla to La Bajada (1.63 miles)



SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE

COMMITTEE REPORT OF: June 7, 2024 **Item 3-A**

SUPERVISORIAL DISTRICT: 3

SUBJECT: Radar Certification

LOCATION: El Camino Real/La Noria from La Orilla to La Bajada (a distance of 1.63 miles) RANCHO SAN DIEGUITO

INITIATED BY: DPW Traffic Engineering

REQUEST: Radar Certification

PROBLEM AS STATED BY REQUESTER:

El Camino Real/La Noria from La Orilla to La Bajada is currently posted with a 40 MPH speed limit. A preliminary review of prevailing speeds and roadway conditions could support radar certification the 40 MPH speed limit.

Existing Traffic Devices

El Camino Real/La Noria is a striped 2-lane undivided highway that is 32 to 44 feet wide. The roadway is striped with a no passing centerline and white edgeline. El Camino Real is striped with a two-way left turn lane, left turn pocket, and white edgelines approaching the intersection with Los Morros. The road is posted with a 30 MPH reverse turn advisory with supplemental head-on arrow, equestrian advisory, intersection advisories, and object markers. El Camino Real/La Noria is currently classified as a Light Collector on the County General Plan Mobility Element Network. Eleventh Street is posted with a 40 MPH speed limit.

Average Daily Traffic Volumes

	<u>03/24</u>	<u>01/17</u>
El Camino Real:		
350' S/o Los Morros	3,217	4,180
La Noria:		
675' S/o Los Pinos	2,990	

<u>Speed Data</u>		<u>85th Percentile</u>	<u>10 MPH Pace</u>	<u>% in Pace</u>
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El Camino Real:				
350' S/o Los Morros	(2024)	41.6 MPH	31-40	75%
La Noria:				
675' N/o Los Pinos	(2024)	39.5 MPH	32-41	77%
	(2017)	43.0 MPH	34-43	85%
Speed Zone:	(2024)	40.5 MPH	32-41	76%

Collision Data

There have been 2 reported collisions, both of which involved an injury, 1 of which involved a severe injury, along this segment of roadway in a 3-year (2021-01-01 to 2023-12-31) This collision results in a segment accident rate of 0.36 collisions per million vehicle miles. The statewide average is 1.68 collisions per million vehicle miles for similar suburban, conventional 2 lanes or less, roads with speeds less than 45 MPH.

VOLUME

El Camino Real 350' S/O Los Morros

Day: Wednesday
 Date: 3/20/2024

City: Rancho Santa Fe
 Project #: CA24_040040_002

DAILY TOTALS					NB	SB	EB	WB	Total		
					1,594	1,623	0	0	3,217		
AM Period	NB	SB	EB	WB	TOTAL	PM Period	NB	SB	EB	WB	TOTAL
0:00	0	0	0	0		12:00	23	34	0	0	57
0:15	2	1	0	0	3	12:15	31	28	0	0	59
0:30	0	0	0	0		12:30	28	32	0	0	60
0:45	0	2	0	1	3	12:45	37	119	28	122	241
1:00	1	0	0	0	1	13:00	26	27	0	0	53
1:15	0	0	0	0		13:15	25	30	0	0	55
1:30	1	0	0	0	1	13:30	20	19	0	0	39
1:45	0	2	0	0	2	13:45	31	102	31	107	209
2:00	0	0	0	0		14:00	31	24	0	0	55
2:15	0	0	0	0		14:15	31	38	0	0	69
2:30	0	0	0	0		14:30	32	28	0	0	60
2:45	0	0	0	0		14:45	42	136	30	120	256
3:00	0	1	0	0	1	15:00	44	34	0	0	78
3:15	1	0	0	0	1	15:15	30	37	0	0	67
3:30	1	1	0	0	2	15:30	34	28	0	0	62
3:45	0	2	1	3	5	15:45	35	143	30	129	272
4:00	0	0	0	0		16:00	42	28	0	0	70
4:15	0	0	0	0		16:15	46	21	0	0	67
4:30	0	2	0	0	2	16:30	44	25	0	0	69
4:45	2	2	0	2	4	16:45	54	186	26	100	286
5:00	0	5	0	0	5	17:00	45	31	0	0	76
5:15	1	1	0	0	2	17:15	40	39	0	0	79
5:30	1	3	0	0	4	17:30	35	18	0	0	53
5:45	1	3	4	13	16	17:45	52	172	10	98	270
6:00	4	6	0	0	10	18:00	38	27	0	0	65
6:15	4	9	0	0	13	18:15	43	23	0	0	66
6:30	8	18	0	0	26	18:30	30	13	0	0	43
6:45	11	27	25	58	85	18:45	27	138	11	74	212
7:00	11	21	0	0	32	19:00	25	13	0	0	38
7:15	10	42	0	0	52	19:15	26	8	0	0	34
7:30	12	54	0	0	66	19:30	22	4	0	0	26
7:45	19	52	58	175	227	19:45	9	82	3	28	110
8:00	18	54	0	0	72	20:00	8	6	0	0	14
8:15	25	52	0	0	77	20:15	8	2	0	0	10
8:30	22	65	0	0	87	20:30	9	2	0	0	11
8:45	20	85	46	217	302	20:45	4	29	3	13	42
9:00	32	35	0	0	67	21:00	11	2	0	0	13
9:15	27	31	0	0	58	21:15	12	3	0	0	15
9:30	12	39	0	0	51	21:30	5	2	0	0	7
9:45	18	89	29	134	223	21:45	1	29	6	13	42
10:00	19	30	0	0	49	22:00	4	3	0	0	7
10:15	24	26	0	0	50	22:15	2	3	0	0	5
10:30	25	26	0	0	51	22:30	2	2	0	0	4
10:45	27	95	30	112	207	22:45	1	9	0	8	17
11:00	25	12	0	0	37	23:00	0	1	0	0	1
11:15	16	29	0	0	45	23:15	1	1	0	0	2
11:30	22	33	0	0	55	23:30	1	1	0	0	2
11:45	25	88	19	93	181	23:45	0	2	0	3	5
TOTALS	447	808			1255	TOTALS	1147	815			1962
SPLIT %	35.6%	64.4%			39.0%	SPLIT %	58.5%	41.5%			61.0%

DAILY TOTALS					NB	SB	EB	WB	Total
					1,594	1,623	0	0	3,217
AM Peak Hour	11:45	7:45		7:45	PM Peak Hour	16:15	14:15		16:30
AM Pk Volume	107	229		313	PM Pk Volume	189	130		304
Pk Hr Factor	0.863	0.881		0.899	Pk Hr Factor	0.875	0.855		0.950
7 - 9 Volume	137	392	0	529	4 - 6 Volume	358	198	0	556
7 - 9 Peak Hour	8:00	7:45		7:45	4 - 6 Peak Hour	16:15	16:30		16:30
7 - 9 Pk Volume	85	229	0	313	4 - 6 Pk Volume	189	121	0	304
Pk Hr Factor	0.850	0.881	0.000	0.899	Pk Hr Factor	0.875	0.776	0.000	0.950

VOLUME

La Noria 675' S/O Los Pinos

Day: Wednesday
 Date: 3/20/2024

City: Rancho Santa Fe
 Project #: CA24_040040_003

DAILY TOTALS					NB	SB	EB	WB	Total		
					1,472	1,518	0	0	2,990		
AM Period	NB	SB	EB	WB	TOTAL	PM Period	NB	SB	EB	WB	TOTAL
0:00	0	0	0	0		12:00	24	26	0	0	50
0:15	2	1	0	0	3	12:15	28	26	0	0	54
0:30	0	0	0	0		12:30	27	29	0	0	56
0:45	0	2	0	1	3	12:45	29	108	31	112	220
1:00	0	0	0	0		13:00	22	23	0	0	45
1:15	1	0	0	0	1	13:15	27	24	0	0	51
1:30	0	0	0	0		13:30	28	18	0	0	46
1:45	1	2	0	0	1 2	13:45	23	100	35	100	200
2:00	0	0	0	0		14:00	28	30	0	0	58
2:15	0	0	0	0		14:15	28	32	0	0	60
2:30	0	0	0	0		14:30	34	18	0	0	52
2:45	0	0	0	0		14:45	38	128	32	112	240
3:00	0	1	0	0	1	15:00	37	32	0	0	69
3:15	1	0	0	0	1	15:15	30	35	0	0	65
3:30	1	0	0	0	1	15:30	45	24	0	0	69
3:45	0	2	1	2	1 4	15:45	33	145	32	123	268
4:00	0	0	0	0		16:00	35	31	0	0	66
4:15	0	0	0	0		16:15	45	19	0	0	64
4:30	0	2	0	0	2	16:30	37	22	0	0	59
4:45	1	1	0	2	1 3	16:45	46	163	26	98	261
5:00	1	4	0	0	5	17:00	45	33	0	0	78
5:15	3	0	0	0	3	17:15	47	33	0	0	80
5:30	1	4	0	0	5	17:30	30	15	0	0	45
5:45	0	5	2	10	2 15	17:45	45	167	12	93	260
6:00	3	4	0	0	7	18:00	39	24	0	0	63
6:15	4	11	0	0	15	18:15	47	21	0	0	68
6:30	3	16	0	0	19	18:30	26	11	0	0	37
6:45	7	17	23	54	30 71	18:45	27	139	11	67	206
7:00	11	22	0	0	33	19:00	20	18	0	0	38
7:15	7	41	0	0	48	19:15	24	8	0	0	32
7:30	11	53	0	0	64	19:30	17	2	0	0	19
7:45	17	46	58	174	75 220	19:45	6	67	4	32	99
8:00	21	35	0	0	56	20:00	7	5	0	0	12
8:15	24	51	0	0	75	20:15	8	3	0	0	11
8:30	20	64	0	0	84	20:30	9	2	0	0	11
8:45	24	89	45	195	69 284	20:45	4	28	4	14	42
9:00	21	32	0	0	53	21:00	7	4	0	0	11
9:15	21	33	0	0	54	21:15	11	6	0	0	17
9:30	11	29	0	0	40	21:30	6	4	0	0	10
9:45	13	66	24	118	37 184	21:45	2	26	4	18	44
10:00	15	28	0	0	43	22:00	3	3	0	0	6
10:15	21	21	0	0	42	22:15	2	4	0	0	6
10:30	19	19	0	0	38	22:30	1	4	0	0	5
10:45	27	82	22	90	49 172	22:45	1	7	0	11	18
11:00	25	12	0	0	37	23:00	0	1	0	0	1
11:15	17	29	0	0	46	23:15	1	1	0	0	2
11:30	12	27	0	0	39	23:30	1	1	0	0	2
11:45	26	80	21	89	47 169	23:45	0	2	0	3	5
TOTALS	392	735			1127	TOTALS	1080	783			1863
SPLIT %	34.8%	65.2%			37.7%	SPLIT %	58.0%	42.0%			62.3%

DAILY TOTALS					NB	SB	EB	WB	Total
					1,472	1,518	0	0	2,990
AM Peak Hour	11:45	7:45		7:45	PM Peak Hour	16:30	14:45		16:30
AM Pk Volume	105	208		290	PM Pk Volume	175	123		289
Pk Hr Factor	0.938	0.813		0.863	Pk Hr Factor	0.931	0.879		0.903
7 - 9 Volume	135	369	0	504	4 - 6 Volume	330	191	0	521
7 - 9 Peak Hour	8:00	7:45		7:45	4 - 6 Peak Hour	16:30	16:30		16:30
7 - 9 Pk Volume	89	208	0	290	4 - 6 Pk Volume	175	114	0	289
Pk Hr Factor	0.927	0.813	0.000	0.863	Pk Hr Factor	0.931	0.864	0.000	0.903



RADAR SPEED SURVEY

SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

Road Name: El Camino Real **From:** La Orilla **To:** La Noria

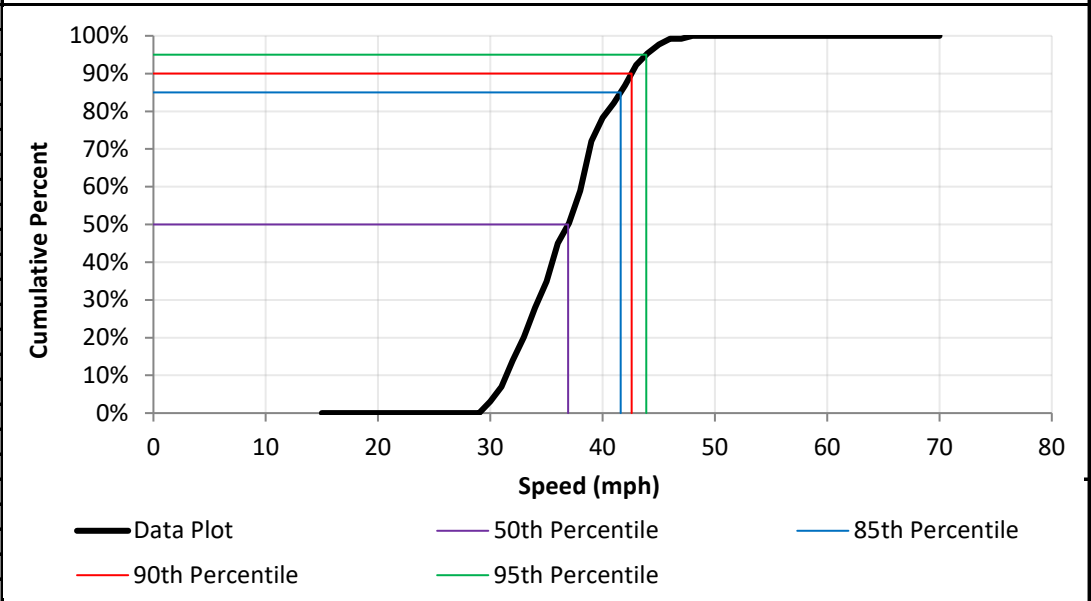
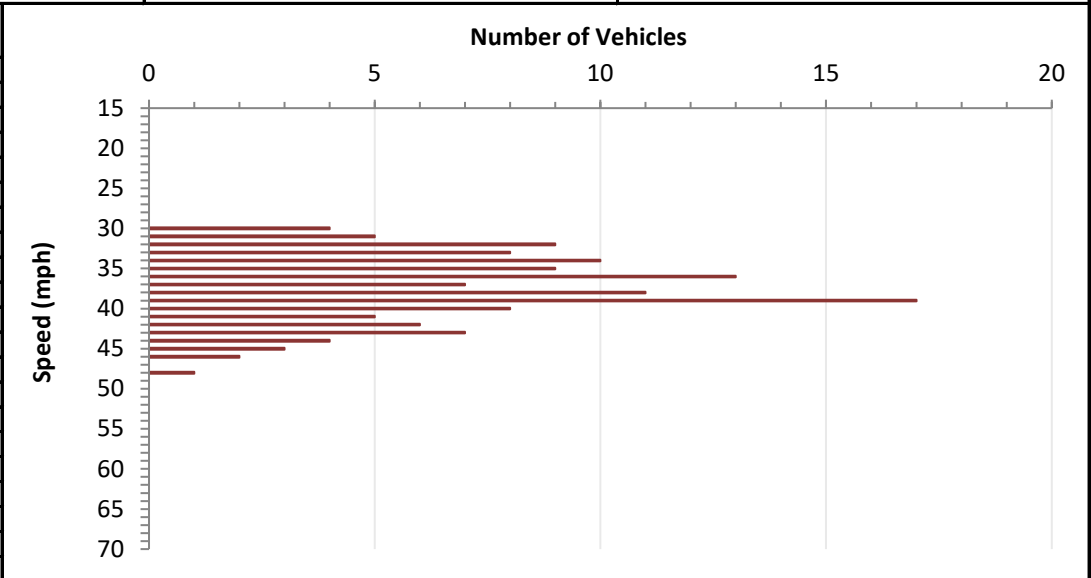
Position: 350' S/o Los Morros **Direction:** NB/SB

Date: 5/22/2024 **Weather:** Partially Cloudy **Project Number:** N/A

Time Start: 10:30 AM **Road Condition:** Dry **Observer:** County

Time End: 11:30 PM **Posted Speed:** 40 MPH **Calibration Test:** Y

Speed (mph)	Num. Veh.	Cum. Pct.
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		
26		
27		
28		
29		
30	4	3.1%
31	5	7.0%
32	9	14.0%
33	8	20.2%
34	10	27.9%
35	9	34.9%
36	13	45.0%
37	7	50.4%
38	11	58.9%
39	17	72.1%
40	8	78.3%
41	5	82.2%
42	6	86.8%
43	7	92.2%
44	4	95.3%
45	3	97.7%
46	2	99.2%
47		
48	1	100.0%
49		
50		
51		
52		
53		
54		
55		
56		
57		
58		
59		
60		
61		
62		
63		
64		
65		
66		
67		
68		
69		
70		
Total	129	



DATA ANALYSIS

Average Speed	37.4	Range	30 - 48
50th Percentile	36.9	10 mph Pace	31 - 40
85th Percentile	41.6	Number in Pace	97
90th Percentile	42.6	Percent in Pace	75%
95th Percentile	43.9		

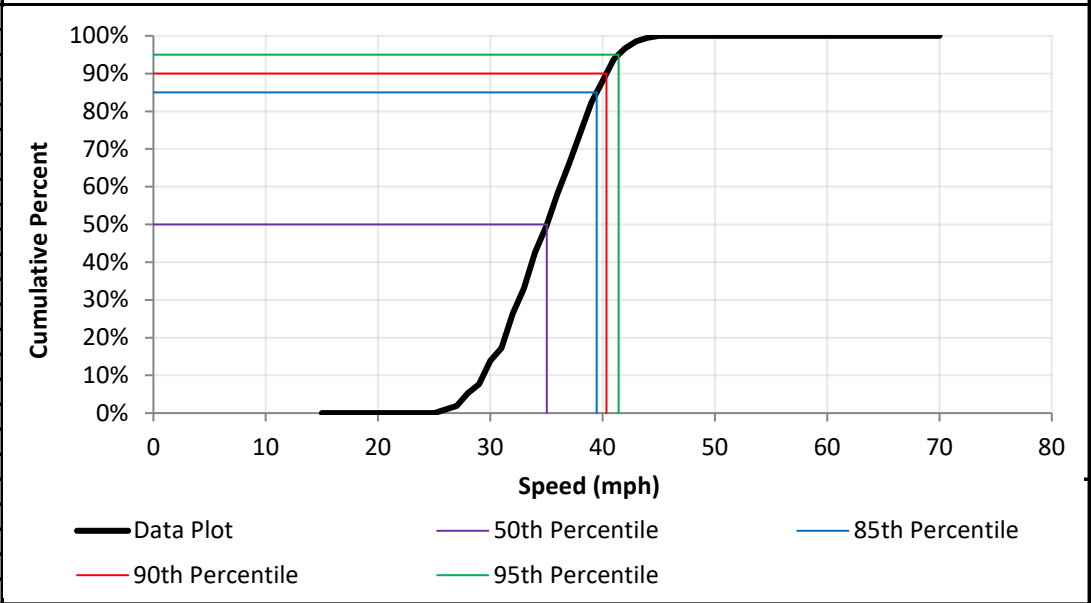
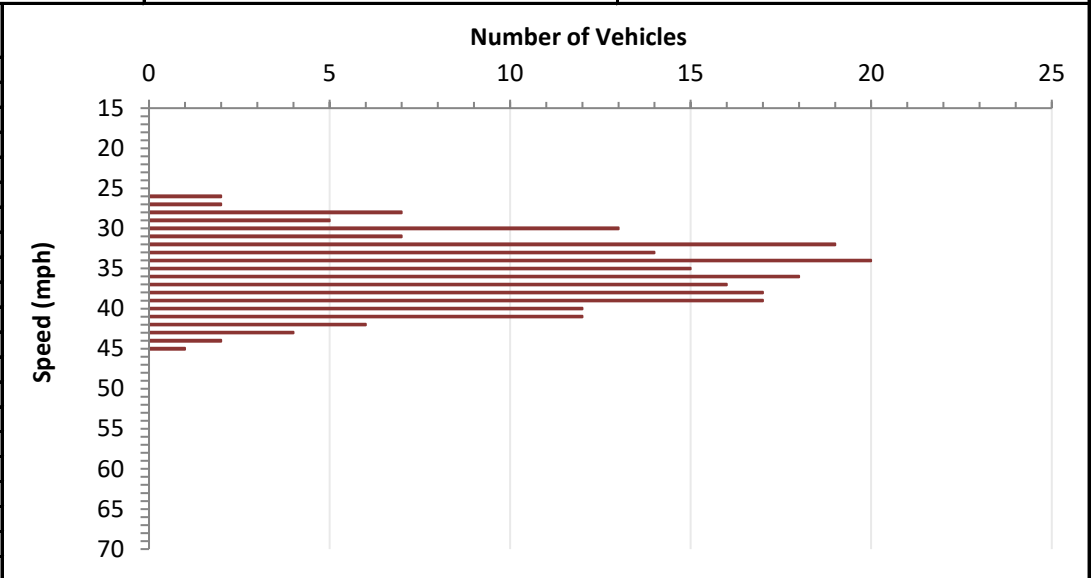


RADAR SPEED SURVEY

SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

Road Name: La Noria	From: El Camino Real	To: La Bajada
Position: 675' N/o Los Pinos	Direction: NB/SB	
Date: 4/16/2024	Weather: Clear	Project Number: 24-040041-002
Time Start: 12:15 PM	Road Condition: Dry	Observer: Contractor
Time End: 2:15 PM	Posted Speed: 40 MPH	Calibration Test: Y

Speed (mph)	Num. Veh.	Cum. Pct.
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		
26	2	1.0%
27	2	1.9%
28	7	5.3%
29	5	7.7%
30	13	13.9%
31	7	17.2%
32	19	26.3%
33	14	33.0%
34	20	42.6%
35	15	49.8%
36	18	58.4%
37	16	66.0%
38	17	74.2%
39	17	82.3%
40	12	88.0%
41	12	93.8%
42	6	96.7%
43	4	98.6%
44	2	99.5%
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	209	

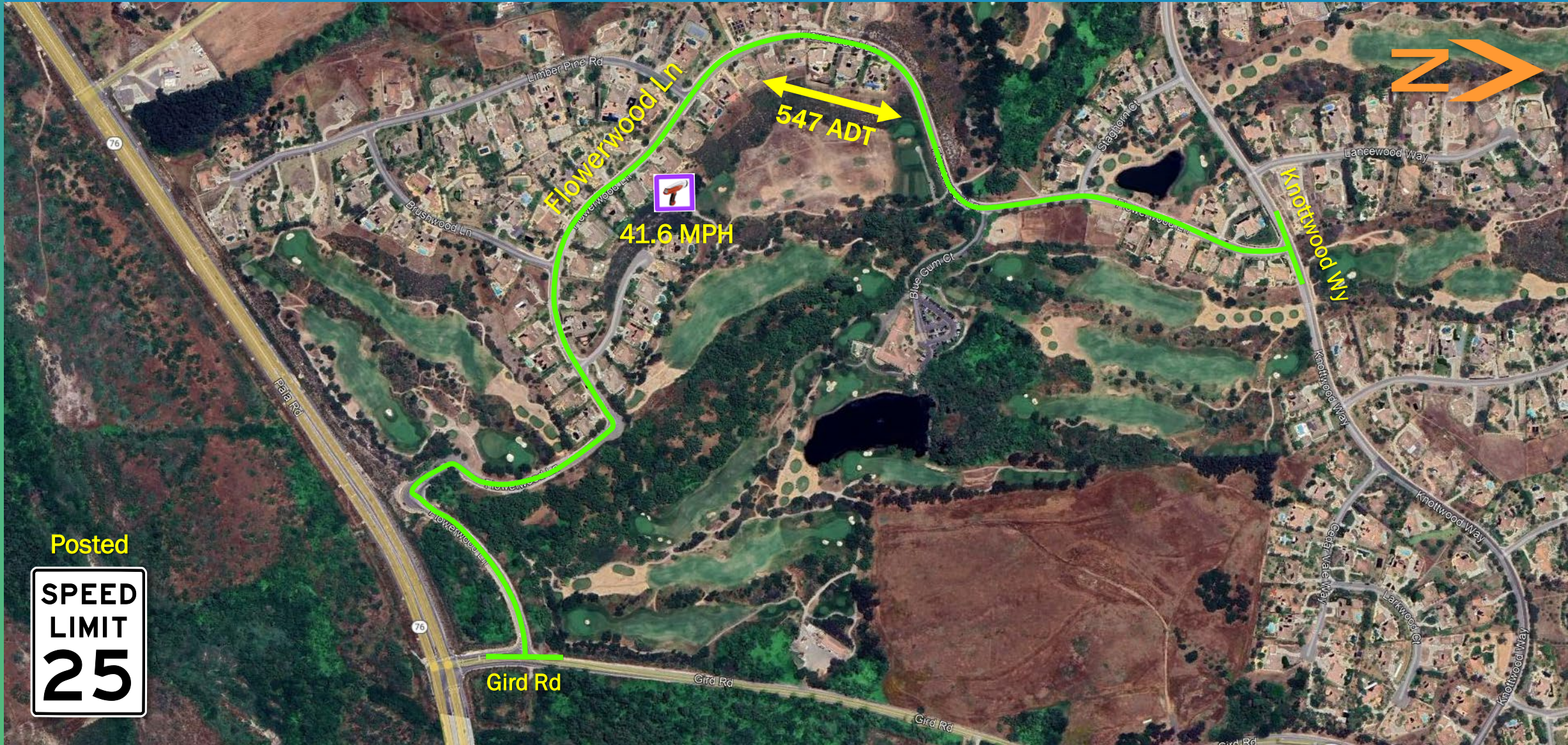


DATA ANALYSIS

Average Speed	35.4	Range	26 - 45
50th Percentile	35.0	10 mph Pace	32 - 41
85th Percentile	39.5	Number in Pace	160
90th Percentile	40.3	Percent in Pace	77%
95th Percentile	41.4		

Flowerwood Road

Knottwood Way to Gird Road (1.35 miles)



5-A. Radar Certification

SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE

COMMITTEE REPORT OF: June 7, 2024 **Item 5-A**

SUPERVISORIAL DISTRICT: 5

SUBJECT: Radar Certification

LOCATION: Flowerwood Lane from Knottwood Way to Gird Road
(a distance of 1.35 miles) MONSERATE

INITIATED BY: DPW Traffic Engineering

REQUEST: Radar Certification

PROBLEM AS STATED BY REQUESTER:

Flowerwood Lane from Knottwood Way to Gird Road is currently posted with a 25 MPH speed limit. A preliminary review of prevailing speeds and roadway conditions could support radar certification a 30 MPH speed limit.

Existing Traffic Devices

Flowerwood Lane is a striped 2-lane roadway that is 35 feet to 40 feet wide. The road is posted with 3 golf cart crossing advisory signs. Flowerwood Lane is currently unclassified on the County General Plan Mobility Element Network. Flowerwood Lane is currently posted with a 25 MPH speed limit.

Average Daily Traffic Volumes **03/24**

Flowerwood Lane:	
870' N/o Brushwood Lane	547

<u>Speed Data</u>	<u>85th Percentile</u>	<u>10 MPH Pace</u>	<u>% in Pace</u>
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Flowerwood Lane:			
870' N/o Brushwood Lane	(2024) 32.2 MPH	24-33	78%

Collision Data

There have been no reported collision along this segment of roadway in a 3-year period (2021-01-01 to 2023-12-31).

VOLUME

Flowerwood Ln 870' N/O Brushwood Ln

Day: Thursday
 Date: 3/21/2024

City: Fallbrook
 Project #: CA24_040040_004

DAILY TOTALS					NB	SB	EB	WB	Total		
					302	245	0	0	547		
AM Period	NB	SB	EB	WB	TOTAL	PM Period	NB	SB	EB	WB	TOTAL
0:00	0	0	0	0		12:00	5	8	0	0	13
0:15	0	0	0	0		12:15	9	4	0	0	13
0:30	0	0	0	0		12:30	5	7	0	0	12
0:45	0	0	0	0		12:45	13	32	5	24	18
1:00	0	0	0	0		13:00	6	7	0	0	13
1:15	0	0	0	0		13:15	1	4	0	0	5
1:30	0	0	0	0		13:30	5	10	0	0	15
1:45	0	0	0	0		13:45	7	19	9	30	16
2:00	0	0	0	0		14:00	9	4	0	0	13
2:15	0	0	0	0		14:15	10	1	0	0	11
2:30	0	0	0	0		14:30	5	4	0	0	9
2:45	0	0	0	0		14:45	6	30	3	12	9
3:00	0	0	0	0		15:00	6	6	0	0	12
3:15	0	0	0	0		15:15	11	6	0	0	17
3:30	0	0	0	0		15:30	5	10	0	0	15
3:45	1	1	0	0	1	15:45	6	28	6	28	12
4:00	1	0	0	0	1	16:00	1	7	0	0	8
4:15	0	0	0	0		16:15	4	6	0	0	10
4:30	0	0	0	0		16:30	8	3	0	0	11
4:45	1	2	0	0	1	16:45	8	21	8	24	16
5:00	0	0	0	0		17:00	7	7	0	0	14
5:15	1	1	0	0	2	17:15	3	5	0	0	8
5:30	0	0	0	0		17:30	2	4	0	0	6
5:45	1	2	1	2	2	17:45	1	13	3	19	4
6:00	0	0	0	0		18:00	2	3	0	0	5
6:15	3	0	0	0	3	18:15	4	4	0	0	8
6:30	5	0	0	0	5	18:30	1	7	0	0	8
6:45	2	10	1	1	3	18:45	2	9	11	25	13
7:00	3	2	0	0	5	19:00	2	2	0	0	4
7:15	6	0	0	0	6	19:15	3	3	0	0	6
7:30	7	1	0	0	8	19:30	1	1	0	0	2
7:45	6	22	1	4	7	19:45	3	9	3	9	6
8:00	3	2	0	0	5	20:00	1	1	0	0	2
8:15	3	0	0	0	3	20:15	3	1	0	0	4
8:30	4	4	0	0	8	20:30	0	0	0	0	
8:45	2	12	6	12	8	20:45	1	5	1	3	2
9:00	9	1	0	0	10	21:00	0	0	0	0	
9:15	3	1	0	0	4	21:15	0	0	0	0	
9:30	5	0	0	0	5	21:30	2	2	0	0	4
9:45	4	21	3	5	7	21:45	2	4	2	4	4
10:00	4	1	0	0	5	22:00	1	1	0	0	2
10:15	5	6	0	0	11	22:15	1	1	0	0	2
10:30	10	1	0	0	11	22:30	2	2	0	0	4
10:45	5	24	4	12	9	22:45	2	6	2	6	4
11:00	8	9	0	0	17	23:00	0	0	0	0	
11:15	6	6	0	0	12	23:15	0	0	0	0	
11:30	11	6	0	0	17	23:30	0	0	0	0	
11:45	6	31	3	24	9	23:45	1	1	1	1	2
TOTALS	125	60			185	TOTALS	177	185			362
SPLIT %	67.6%	32.4%			33.8%	SPLIT %	48.9%	51.1%			66.2%

DAILY TOTALS					NB	SB	EB	WB	Total
					302	245	0	0	547
AM Peak Hour	11:00	10:45		10:45	PM Peak Hour	12:15	13:00		12:00
AM Pk Volume	31	25		55	PM Pk Volume	33	30		56
Pk Hr Factor	0.705	0.694		0.809	Pk Hr Factor	0.635	0.750		0.778
7 - 9 Volume	34	16	0	50	4 - 6 Volume	34	43	0	77
7 - 9 Peak Hour	7:00	8:00		7:00	4 - 6 Peak Hour	16:15	16:00		16:15
7 - 9 Pk Volume	22	12	0	26	4 - 6 Pk Volume	27	24	0	51
Pk Hr Factor	0.786	0.500	0.000	0.813	Pk Hr Factor	0.844	0.750	0.000	0.797



RADAR SPEED SURVEY

SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

Road Name: Flowerwood Ln **From:** Gird Rd **To:** Knottwood Wy

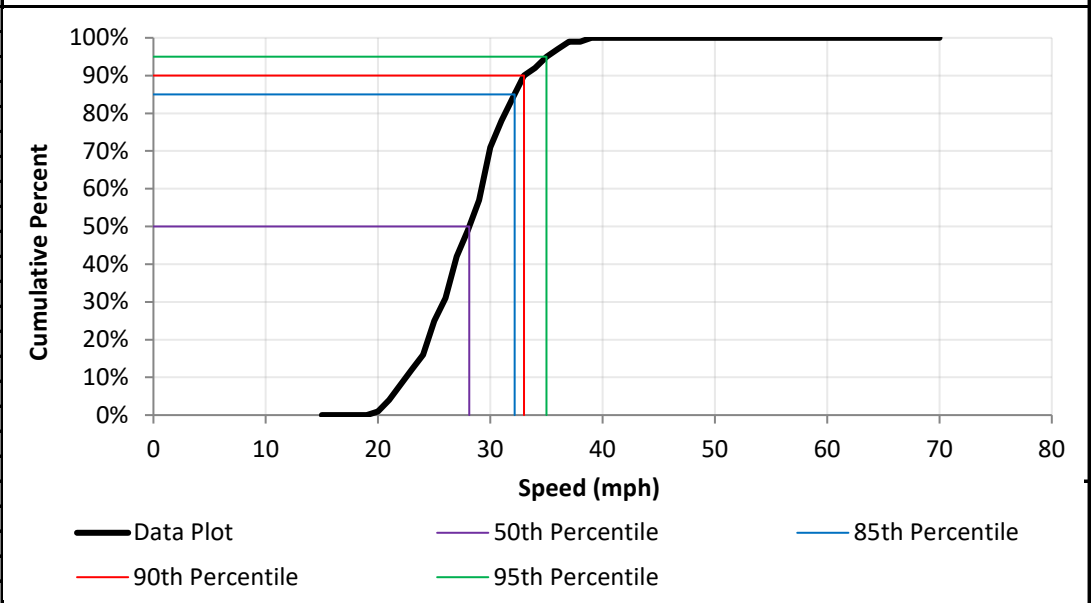
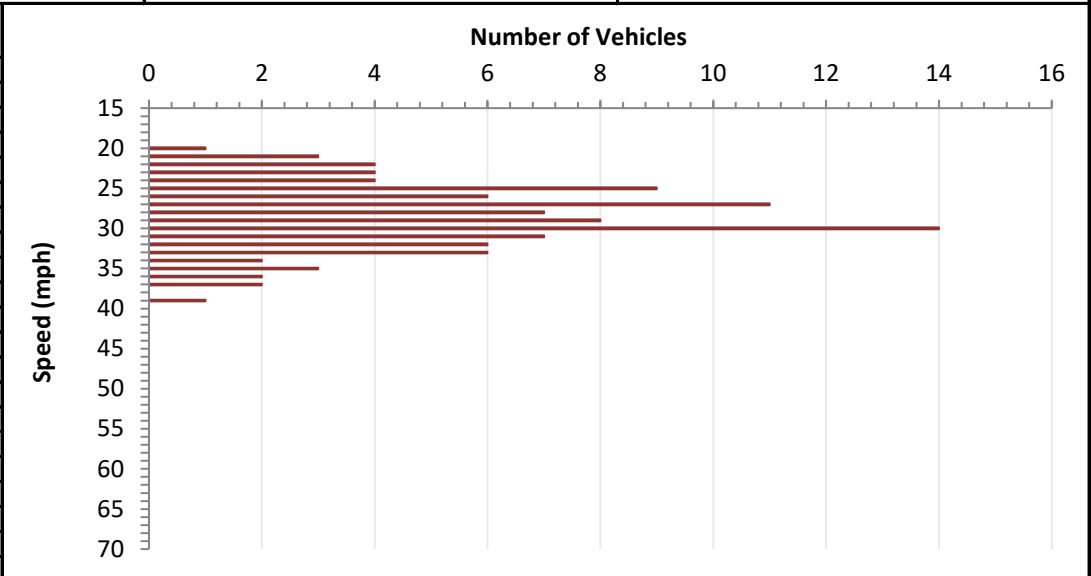
Position: 870' N/o Brushwood Ln **Direction:** NB/SB

Date: 3/20/2024 **Weather:** Clear **Project Number:** 24-040041-003

Time Start: 11:00 AM **Road Condition:** Dry **Observer:** Contractor

Time End: 1:00 PM **Posted Speed:** 25 MPH **Calibration Test:** Y

Speed (mph)	Num. Veh.	Cum. Pct.
15		
16		
17		
18		
19		
20	1	1.0%
21	3	4.0%
22	4	8.0%
23	4	12.0%
24	4	16.0%
25	9	25.0%
26	6	31.0%
27	11	42.0%
28	7	49.0%
29	8	57.0%
30	14	71.0%
31	7	78.0%
32	6	84.0%
33	6	90.0%
34	2	92.0%
35	3	95.0%
36	2	97.0%
37	2	99.0%
38		
39	1	100.0%
40		
41		
42		
43		
44		
45		
46		
47		
48		
49		
50		
51		
52		
53		
54		
55		
56		
57		
58		
59		
60		
61		
62		
63		
64		
65		
66		
67		
68		
69		
70		
Total	100	



DATA ANALYSIS

Average Speed	28.5	Range	20 - 39
50th Percentile	28.1	10 mph Pace	24 - 33
85th Percentile	32.2	Number in Pace	78
90th Percentile	33.0	Percent in Pace	78%
95th Percentile	35.0		

SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE

COMMITTEE REPORT OF: June 7, 2024 **Item 5-B**

SUPERVISORIAL DISTRICT: 5

SUBJECT: Radar Certification

LOCATION: Little Gopher Canyon Road from Gopher Canyon Road to Old River Road (a distance of 1.50 miles) BONSALL

INITIATED BY: DPW Traffic Engineering

REQUEST: Radar Certification

PROBLEM AS STATED BY REQUESTER:

Little Gopher Canyon Road from Gopher Canyon Road to Old River Road currently has no posted speed limit and is subject to the 55 MPH State maximum speed limit. A preliminary review of prevailing speeds and roadway conditions could support radar certification the 30 MPH speed limit.

Existing Traffic Devices

Little Gopher Canyon Road is a striped 2-lane undivided highway that is 18 to 32 feet wide. The roadway is striped with a no passing centerline. Little Gopher Canyon Road is posted with multiple speed advised reverse turn advisories, head-on arrow, equestrian advisory, winding road advisory, and road narrows advisory signs. Little Gopher Canyon Road is currently unclassified on the County General Plan Mobility Element Network.

Average Daily Traffic Volumes **04/24**

Little Gopher Canyon Road:	
230' E/o Primavera Drive	1,236
1,460' E/o Old River Road	1,252

<u>Speed Data</u>	<u>85th Percentile</u>	<u>10 MPH Pace</u>	<u>% in Pace</u>
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Little Gopher Canyon Road:			
230' E/o Primavera Drive	(2024) 36.4 MPH	30-39	75%
1,460' E/o Old River Road	(2024) 32.4 MPH	25-34	87%
Speed Zone:	(2024) 34.4 MPH	28-37	81%

Collision Data

There have been 4 reported collisions, 2 of which involved an injury, 1 of which involved a severe injury, along this segment of roadway in a 5-year (2019-01-01 to 2023-12-31) This collision results in a segment accident rate of 1.18 collisions per million vehicle miles. The statewide average is 1.09 collisions per million vehicle miles for similar flat rural,

conventional 2 lanes or less, roads with speeds less than or equal to 55 MPH.



PUBLIC WORKS

5510 OVERLAND AVENUE, SUITE 410, SAN DIEGO, CALIFORNIA 92123-1237
(858) 694-2212

WILLIAM P. MORGAN, P.E.
INTERIM DIRECTOR

COUNTY TRAFFIC ENGINEER RECOMMENDATION

Date: May 20th, 2024
Item Title: Speed Limit and Radar Certification
Location: Little Gopher Canyon Road from Old River Road to Gopher Canyon Road in Bonsall
CTE Recommendation: **Establish 30 MPH Radar Enforced Speed Limit**
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 (85th percentile) speed of motorists.
- Little Gopher Canyon Road is a two-lane roadway, flat, curvy, with limited shoulder throughout its length of 1.50 miles. Its pavement width varies between 18 and 34 feet with a striped center line on the roadway.
- Two speed surveys recently taken on Little Gopher Canyon Road resulted in an average prevailing speed of 34.4 MPH.
- A review of the roadway collision data for the most recent five-year period shows a total of 4 reported collisions on the subject segment of Little Gopher Canyon Road which results in a collision rate of 1.18 collisions per million-vehicle-mile (c/mvm) compared to a state average of 1.09 c/mvm for similar roadway.
- Pursuant to CVC section 22358 coupled with above conditions on Little Gopher Canyon Road and the guidance of the CA MUTCD section 2B.13, a 30 mph radar enforced speed limit on Little Gopher Canyon Road from Old River Road to Gopher Canyon Road is reasonable and safe based on prevailing speed.

Michael L. Kenney, TE 2045 & CE 56661

5/21/2024

Date

VOLUME

Little Gopher Canyon Rd 230' E/O La Primavera Dr

Day: Wednesday
 Date: 4/10/2024

City: Bonsall
 Project #: CA24_040054_004

DAILY TOTALS					NB	SB	EB	WB	Total			
					0	0	509	727	1,236			
AM Period	NB	SB	EB	WB	TOTAL		PM Period	NB	SB	EB	WB	TOTAL
0:00	0	0	0	0			12:00	0	0	6	5	11
0:15	0	0	0	0			12:15	0	0	5	5	10
0:30	0	0	0	0			12:30	0	0	5	6	11
0:45	0	0	0	0			12:45	0	0	3	19	23
1:00	0	0	0	0			13:00	0	0	4	2	6
1:15	0	0	0	0			13:15	0	0	5	3	8
1:30	0	0	0	0			13:30	0	0	7	7	14
1:45	0	0	0	0			13:45	0	0	6	22	28
2:00	0	0	0	0			14:00	0	0	5	13	18
2:15	0	0	0	0			14:15	0	0	16	12	28
2:30	0	0	0	1	1		14:30	0	0	13	4	17
2:45	0	0	0	0	1	1	14:45	0	0	7	41	48
3:00	0	0	0	0			15:00	0	0	17	11	28
3:15	0	0	0	0			15:15	0	0	16	12	28
3:30	0	0	0	0			15:30	0	0	16	18	34
3:45	0	0	0	1	1		15:45	0	0	13	62	75
4:00	0	0	0	1	1		16:00	0	0	17	23	40
4:15	0	0	1	0	1		16:15	0	0	15	24	39
4:30	0	0	0	0			16:30	0	0	15	25	40
4:45	0	0	1	2	2	4	16:45	0	0	11	58	69
5:00	0	0	1	0	1		17:00	0	0	9	25	34
5:15	0	0	0	0			17:15	0	0	11	33	44
5:30	0	0	2	0	2		17:30	0	0	15	20	35
5:45	0	0	1	4	5	8	17:45	0	0	8	43	51
6:00	0	0	3	2	5		18:00	0	0	8	18	26
6:15	0	0	1	6	7		18:15	0	0	11	14	25
6:30	0	0	6	4	10		18:30	0	0	5	6	11
6:45	0	0	10	20	18	40	18:45	0	0	7	31	38
7:00	0	0	10	17	27		19:00	0	0	7	4	11
7:15	0	0	14	29	43		19:15	0	0	4	8	12
7:30	0	0	16	39	55		19:30	0	0	2	9	11
7:45	0	0	16	56	72	197	19:45	0	0	3	16	19
8:00	0	0	9	19	28		20:00	0	0	2	8	10
8:15	0	0	15	14	29		20:15	0	0	4	7	11
8:30	0	0	11	8	19		20:30	0	0	2	6	8
8:45	0	0	4	39	12	88	20:45	0	0	3	11	14
9:00	0	0	8	6	14		21:00	0	0	3	4	7
9:15	0	0	7	5	12		21:15	0	0	2	2	4
9:30	0	0	6	3	9		21:30	0	0	0	1	1
9:45	0	0	4	25	7	42	21:45	0	0	0	5	5
10:00	0	0	3	5	8		22:00	0	0	0	1	1
10:15	0	0	11	8	19		22:15	0	0	1	0	1
10:30	0	0	7	7	14		22:30	0	0	0	0	0
10:45	0	0	5	26	9	50	22:45	0	0	0	1	1
11:00	0	0	5	5	10		23:00	0	0	2	3	5
11:15	0	0	6	4	10		23:15	0	0	0	0	0
11:30	0	0	3	8	11		23:30	0	0	2	2	4
11:45	0	0	10	24	21	52	23:45	0	0	0	4	4
TOTALS			196	287	483		TOTALS			313	440	753
SPLIT %			40.6%	59.4%	39.1%		SPLIT %			41.6%	58.4%	60.9%

DAILY TOTALS					NB	SB	EB	WB	Total		
					0	0	509	727	1,236		
AM Peak Hour			7:00	7:15	7:15	PM Peak Hour			15:00	16:30	15:45
AM Pk Volume			56	143	198	PM Pk Volume			62	99	152
Pk Hr Factor			0.875	0.638	0.688	Pk Hr Factor			0.912	0.750	0.950
7 - 9 Volume	0	0	95	190	285	4 - 6 Volume	0	0	101	182	283
7 - 9 Peak Hour			7:00	7:15	7:15	4 - 6 Peak Hour			16:00	16:30	16:00
7 - 9 Pk Volume	0	0	56	143	198	4 - 6 Pk Volume	0	0	58	99	146
Pk Hr Factor	0.000	0.000	0.875	0.638	0.688	Pk Hr Factor	0.000	0.000	0.853	0.750	0.913

VOLUME

Little Gopher Canyon Rd 1460' E/O Old River Rd

Day: Wednesday
 Date: 4/10/2024

City: Bonsall
 Project #: CA24_040054_003

DAILY TOTALS					NB	SB	EB	WB	Total			
					0	0	519	733	1,252			
AM Period	NB	SB	EB	WB	TOTAL		PM Period	NB	SB	EB	WB	TOTAL
0:00	0	0	0	0			12:00	0	0	6	5	11
0:15	0	0	0	0			12:15	0	0	5	5	10
0:30	0	0	0	0			12:30	0	0	5	6	11
0:45	0	0	0	0			12:45	0	0	3	19	23
1:00	0	0	0	0			13:00	0	0	4	2	6
1:15	0	0	0	0			13:15	0	0	5	3	8
1:30	0	0	0	0			13:30	0	0	7	7	14
1:45	0	0	0	0			13:45	0	0	6	22	28
2:00	0	0	0	0			14:00	0	0	5	12	17
2:15	0	0	0	0			14:15	0	0	16	12	28
2:30	0	0	0	0			14:30	0	0	13	5	18
2:45	0	0	0	0			14:45	0	0	6	40	46
3:00	0	0	0	0			15:00	0	0	17	10	27
3:15	0	0	0	1	1		15:15	0	0	16	12	28
3:30	0	0	0	0			15:30	0	0	16	18	34
3:45	0	0	0	1	1	2	15:45	0	0	14	63	77
4:00	0	0	0	1	1		16:00	0	0	17	23	40
4:15	0	0	1	0	1		16:15	0	0	16	24	40
4:30	0	0	0	0			16:30	0	0	15	25	40
4:45	0	0	1	2	2	4	16:45	0	0	12	60	72
5:00	0	0	1	0	1		17:00	0	0	8	24	32
5:15	0	0	0	0			17:15	0	0	13	31	44
5:30	0	0	2	0	2		17:30	0	0	15	21	36
5:45	0	0	2	5	6	9	17:45	0	0	9	45	54
6:00	0	0	2	2	4		18:00	0	0	8	16	24
6:15	0	0	1	6	7		18:15	0	0	16	14	30
6:30	0	0	6	4	10		18:30	0	0	5	6	11
6:45	0	0	10	19	18	39	18:45	0	0	7	36	43
7:00	0	0	10	17	27		19:00	0	0	7	4	11
7:15	0	0	15	30	45		19:15	0	0	4	8	12
7:30	0	0	16	39	55		19:30	0	0	2	9	11
7:45	0	0	17	58	74	201	19:45	0	0	3	16	19
8:00	0	0	8	20	28		20:00	0	0	1	10	11
8:15	0	0	15	14	29		20:15	0	0	4	8	12
8:30	0	0	11	8	19		20:30	0	0	2	6	8
8:45	0	0	6	40	14	90	20:45	0	0	3	10	13
9:00	0	0	6	6	12		21:00	0	0	3	4	7
9:15	0	0	8	5	13		21:15	0	0	2	2	4
9:30	0	0	5	3	8		21:30	0	0	0	1	1
9:45	0	0	4	23	7	40	21:45	0	0	0	5	5
10:00	0	0	3	5	8		22:00	0	0	0	1	1
10:15	0	0	11	8	19		22:15	0	0	1	0	1
10:30	0	0	7	8	15		22:30	0	0	0	0	0
10:45	0	0	6	27	10	52	22:45	0	0	0	1	1
11:00	0	0	5	6	11		23:00	0	0	2	3	5
11:15	0	0	6	4	10		23:15	0	0	0	0	0
11:30	0	0	3	8	11		23:30	0	0	2	2	4
11:45	0	0	10	24	22	54	23:45	0	0	0	4	4
TOTALS			198	293	491		TOTALS			321	440	761
SPLIT %			40.3%	59.7%	39.2%		SPLIT %			42.2%	57.8%	60.8%

DAILY TOTALS					NB	SB	EB	WB	Total		
					0	0	519	733	1,252		
AM Peak Hour			7:00	7:15	7:15	PM Peak Hour			15:00	16:30	15:45
AM Pk Volume			58	146	202	PM Pk Volume			63	97	154
Pk Hr Factor			0.853	0.640	0.682	Pk Hr Factor			0.926	0.782	0.963
7 - 9 Volume	0	0	98	193	291	4 - 6 Volume	0	0	105	181	286
7 - 9 Peak Hour			7:00	7:15	7:15	4 - 6 Peak Hour			16:00	16:30	16:00
7 - 9 Pk Volume	0	0	58	146	202	4 - 6 Pk Volume	0	0	60	97	149
Pk Hr Factor	0.000	0.000	0.853	0.640	0.682	Pk Hr Factor	0.000	0.000	0.882	0.782	0.931



RADAR SPEED SURVEY

SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

Road Name: Little Gopher Canyon **From:** Gopher Canyon Rd **To:** Old River Rd

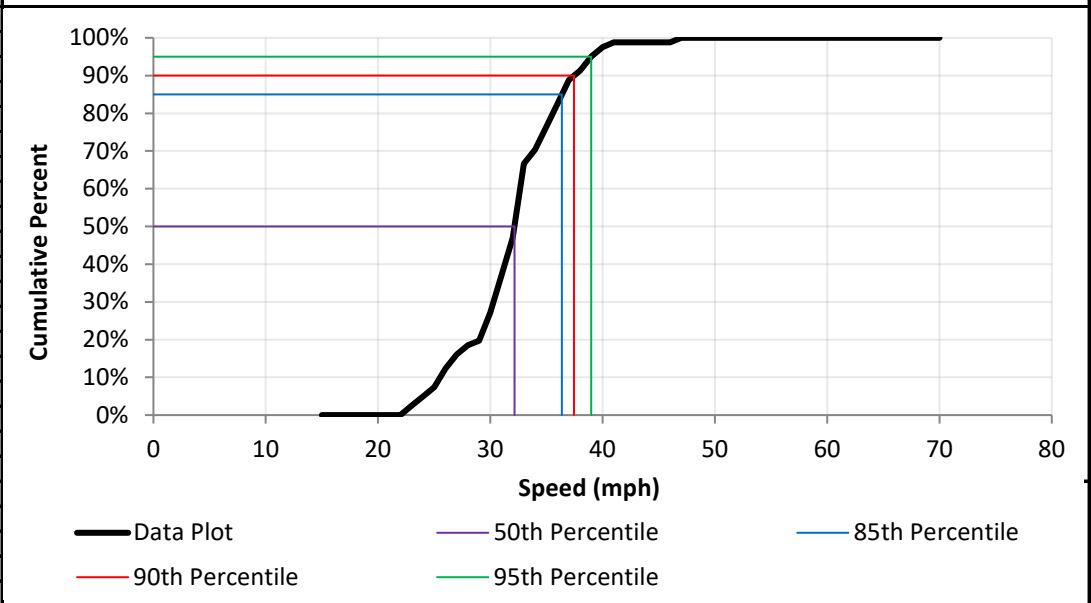
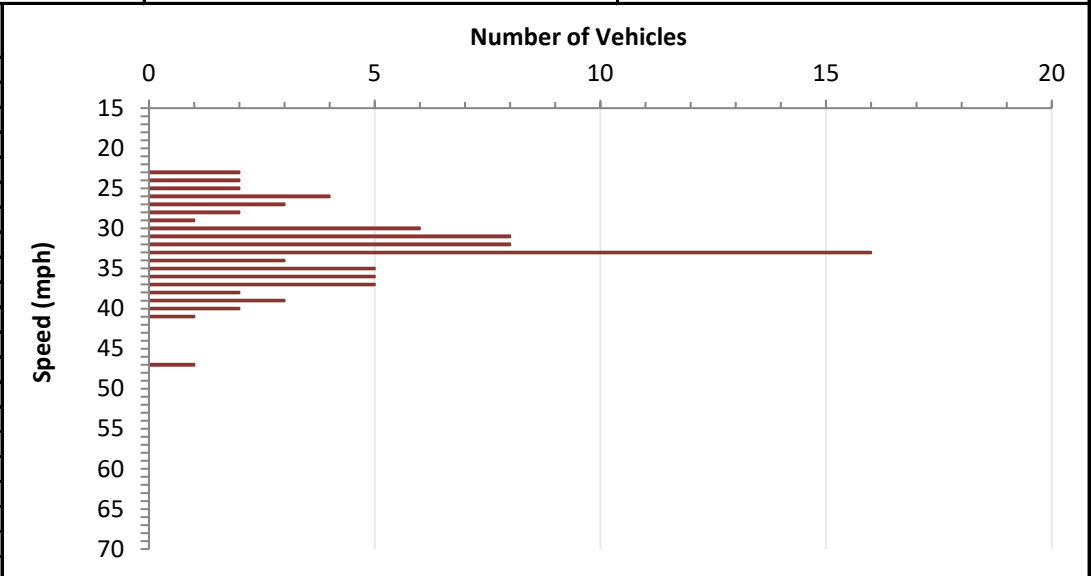
Position: 230' E/o La Primavera Dr **Direction:** WB/EB

Date: 5/14/2024 **Weather:** Clear **Project Number:** N/A

Time Start: 10:26 AM **Road Condition:** Dry **Observer:** County

Time End: 12:26 PM **Posted Speed:** Unposted **Calibration Test:** Y

Speed (mph)	Num. Veh.	Cum. Pct.
15		
16		
17		
18		
19		
20		
21		
22		
23	2	2.5%
24	2	4.9%
25	2	7.4%
26	4	12.3%
27	3	16.0%
28	2	18.5%
29	1	19.8%
30	6	27.2%
31	8	37.0%
32	8	46.9%
33	16	66.7%
34	3	70.4%
35	5	76.5%
36	5	82.7%
37	5	88.9%
38	2	91.4%
39	3	95.1%
40	2	97.5%
41	1	98.8%
42		
43		
44		
45		
46		
47	1	100.0%
48		
49		
50		
51		
52		
53		
54		
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56		
57		
58		
59		
60		
61		
62		
63		
64		
65		
66		
67		
68		
69		
70		
Total	81	



DATA ANALYSIS

Metric	Value	Range	Additional Info
Average Speed	32.5	23 - 47	
50th Percentile	32.2	30 - 39	10 mph Pace
85th Percentile	36.4		Number in Pace: 61
90th Percentile	37.5		Percent in Pace: 75%
95th Percentile	39.0		
Total	81		



RADAR SPEED SURVEY

SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

Road Name: Little Gopher Canyon **From:** Gopher Canyon Rd **To:** Old River Rd

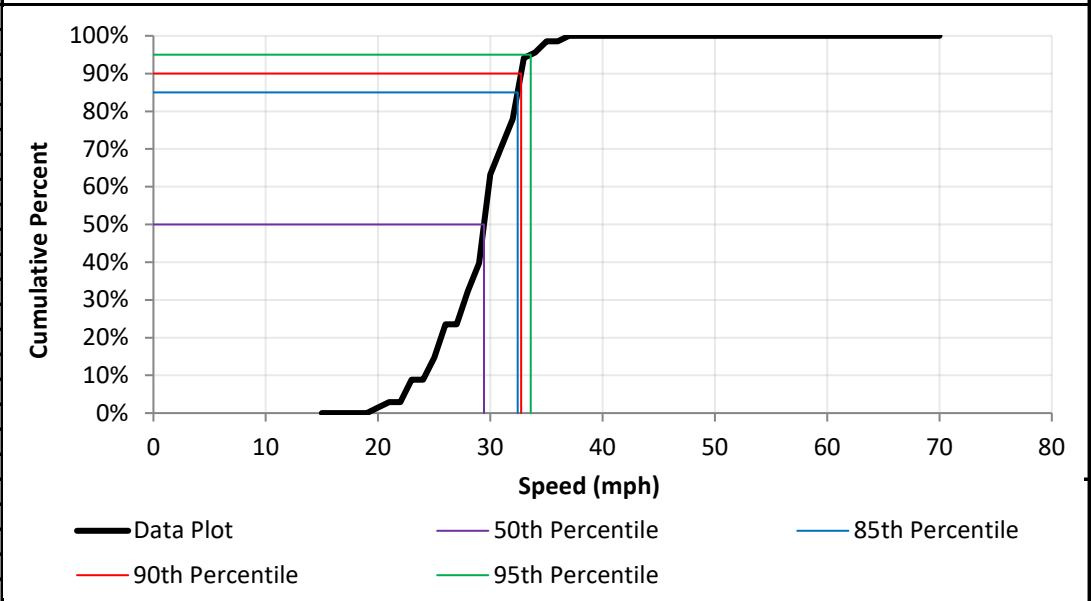
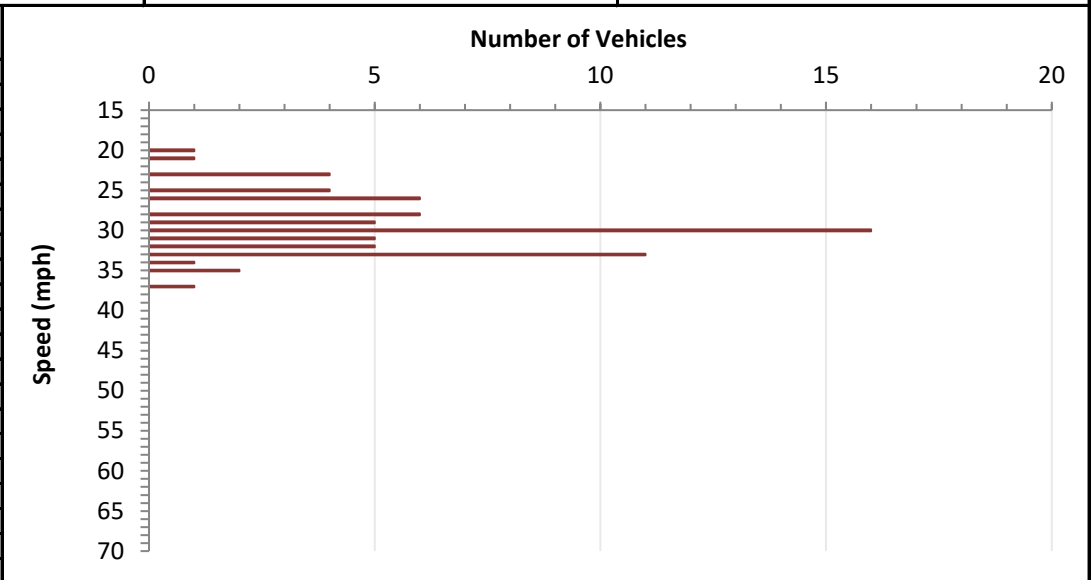
Position: 1,460' E/o Old River Rd **Direction:** WB/EB

Date: 5/15/2024 **Weather:** Partly Cloudy **Project Number:** N/A

Time Start: 11:07 AM **Road Condition:** Dry **Observer:** County

Time End: 1:07 PM **Posted Speed:** Unposted **Calibration Test:** Y

Speed (mph)	Num. Veh.	Cum. Pct.
15		
16		
17		
18		
19		
20	1	1.5%
21	1	2.9%
22		
23	4	8.8%
24		
25	4	14.7%
26	6	23.5%
27		
28	6	32.4%
29	5	39.7%
30	16	63.2%
31	5	70.6%
32	5	77.9%
33	11	94.1%
34	1	95.6%
35	2	98.5%
36		
37	1	100.0%
38		
39		
40		
41		
42		
43		
44		
45		
46		
47		
48		
49		
50		
51		
52		
53		
54		
55		
56		
57		
58		
59		
60		
61		
62		
63		
64		
65		
66		
67		
68		
69		
70		
Total	68	



DATA ANALYSIS

Average Speed	29.4	Range	20 - 37
50th Percentile	29.4	10 mph Pace	25 - 34
85th Percentile	32.4	Number in Pace	59
90th Percentile	32.7	Percent in Pace	87%
95th Percentile	33.6		

Old River Road

State Route 76 to 1,000' N/o Dentro de Lomas Rd (1.66 miles)



5-C. Radar Certification

SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE

COMMITTEE REPORT OF: June 7, 2024 **Item 5-C**

SUPERVISORIAL DISTRICT: 5

SUBJECT: Radar Certification

LOCATION: Old River Road from State Route 76 to 1,000' north of Dentro de Lomas Rd (a distance of 1.66 miles) BONSALL

INITIATED BY: DPW Traffic Engineering

REQUEST: Radar Certification

PROBLEM AS STATED BY REQUESTER:

Old River Road from State Route 76 to 1,000' north of Dentro de Lomas Road currently has no posted speed limit and is subject to the 55 MPH State maximum speed limit. A preliminary review of prevailing speeds and roadway conditions could support radar certification the 45 MPH speed limit.

Existing Traffic Devices

Old River Road is a striped 2-lane undivided highway that is 24 to 28 feet wide. The roadway is striped with a no passing centerline and white edgeline. Old River Road is posted with multiple speed advised turn advisories, head-on arrows, equestrian advisory, intersection advisory, and 7-ton truck restriction signs. Old River Road is currently classified as a Light Collector on the County General Plan Mobility Element Network.

<u>Average Daily Traffic Volumes</u>	<u>04/24</u>
Old River Road:	
300' S/o Montrachet Street	3,375
1,100' N/o Little Gopher Canyon Road	3,198

<u>Speed Data</u>		<u>85th Percentile</u>	<u>10 MPH Pace</u>	<u>% in Pace</u>
Old River Road:				
300' S/o Montrachet Street	(2024)	52.3 MPH	45-54	64%
1,100' N/o Little Gopher Canyon Rd	(2024)	50.5 MPH	39-48	60%
Speed Zone:	(2024)	51.4 MPH	42-51	62%

Collision Data

There have been 15 reported collisions, 6 of which involved an injury, 2 of which involved a severe injury, along this segment of roadway in a 5-year (2019-02-01 to 2023-01-31) This collision results in a segment accident rate of 1.51 collisions per million vehicle miles.

The statewide average is 1.24 collisions per million vehicle miles for similar suburban, conventional 2 lanes or less, roads with speeds 45 to 55 MPH.



PUBLIC WORKS

5510 OVERLAND AVENUE, SUITE 410, SAN DIEGO, CALIFORNIA 92123-1237
(858) 694-2212

WILLIAM P. MORGAN, P.E.
INTERIM DIRECTOR

COUNTY TRAFFIC ENGINEER RECOMMENDATION

Date: May 16th, 2024
Item Title: Speed Limit and Radar Certification
Location: Old River Road from 1,000 feet north of Dentre De Lomas to SR-76 in Bonsall
CTE Recommendation: **Establish 45 MPH Radar Enforced Speed Limit**
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 (85th percentile) speed of motorists.
- Old River Road is a two-lane roadway, flat, curvy, with limited shoulder throughout its length of 2.61 miles. Its pavement width varies between 24 and 45 feet with a striped center line on the roadway. The northerly 0.94 miles is posted 25 mph and remaining 1.66 miles between 1000 feet north of Dentre De Lomas to SR-76 is unposted with 55 MPH speed limit state maximum.
- Recent speed surveys on Old River Road resulted in an average overall prevailing speed of 51.4 mph.
- A review of the roadway collision data for the most recent five-year period shows a total of 15 reported collision on the subject segment of Old River Road which results in a collision rate of 1.51 collisions per million-vehicle-mile (c/mvm) compared to a state average of 1.24 c/mvm for similar roadway.
- Pursuant to CVC section 22358 coupled with above conditions on Old River Road and the guidance of the CA MUTCD section 2B.13, a 45 mph radar enforced speed limit on Old River Road from 1,000 feet north of Dentre De Lomas to SR-76 is reasonable and safe based on prevailing speed and collision rate.

Michael L. Kenney, TE 2045 & CE 56661

5/21/2045

Date

VOLUME

Old River Rd 300' S/O Montrachet St

Day: Wednesday
 Date: 4/10/2024

City: Bonsall
 Project #: CA24_040054_002

DAILY TOTALS						NB	SB	EB	WB	Total	
						1,148	2,227	0	0	3,375	
AM Period	NB	SB	EB	WB	TOTAL	PM Period	NB	SB	EB	WB	TOTAL
0:00	1	1	0	0	2	12:00	17	21	0	0	38
0:15	4	1	0	0	5	12:15	12	23	0	0	35
0:30	0	0	0	0	0	12:30	13	25	0	0	38
0:45	0	5	0	2	7	12:45	22	64	27	96	160
1:00	0	0	0	0	0	13:00	9	20	0	0	29
1:15	1	1	0	0	2	13:15	19	20	0	0	39
1:30	1	0	0	0	1	13:30	19	15	0	0	34
1:45	2	4	0	1	7	13:45	17	64	25	80	144
2:00	1	0	0	0	1	14:00	26	20	0	0	46
2:15	0	0	1	0	1	14:15	28	21	0	0	49
2:30	0	0	1	0	1	14:30	27	17	0	0	44
2:45	0	1	0	2	3	14:45	24	105	35	93	198
3:00	1	3	0	0	4	15:00	18	47	0	0	65
3:15	0	1	0	0	1	15:15	24	38	0	0	62
3:30	0	0	0	0	0	15:30	36	33	0	0	69
3:45	0	1	1	5	7	15:45	36	114	42	160	274
4:00	0	1	0	0	1	16:00	34	50	0	0	84
4:15	0	2	0	0	2	16:15	41	50	0	0	91
4:30	1	4	0	0	5	16:30	39	52	0	0	91
4:45	0	1	5	12	18	16:45	29	143	23	175	318
5:00	1	3	0	0	4	17:00	38	32	0	0	70
5:15	2	5	0	0	7	17:15	30	29	0	0	59
5:30	2	9	0	0	11	17:30	31	31	0	0	62
5:45	1	6	16	33	56	17:45	22	121	27	119	240
6:00	4	20	0	0	24	18:00	26	36	0	0	62
6:15	5	40	0	0	45	18:15	14	26	0	0	40
6:30	8	61	0	0	69	18:30	10	15	0	0	25
6:45	10	27	83	204	334	18:45	16	66	16	93	159
7:00	7	128	0	0	135	19:00	29	15	0	0	44
7:15	14	183	0	0	197	19:15	18	15	0	0	33
7:30	13	171	0	0	184	19:30	6	6	0	0	12
7:45	23	57	124	606	860	19:45	6	59	8	44	103
8:00	18	104	0	0	122	20:00	6	11	0	0	17
8:15	14	59	0	0	73	20:15	19	7	0	0	26
8:30	12	32	0	0	44	20:30	12	5	0	0	17
8:45	15	59	28	223	305	20:45	7	44	3	26	70
9:00	7	29	0	0	36	21:00	7	2	0	0	9
9:15	14	20	0	0	34	21:15	8	2	0	0	10
9:30	7	17	0	0	24	21:30	3	2	0	0	5
9:45	17	45	16	82	160	21:45	6	24	4	10	34
10:00	8	19	0	0	27	22:00	5	2	0	0	7
10:15	14	25	0	0	39	22:15	2	2	0	0	4
10:30	21	20	0	0	41	22:30	0	0	0	0	0
10:45	15	58	23	87	183	22:45	1	8	0	4	12
11:00	12	23	0	0	35	23:00	3	3	0	0	6
11:15	20	10	0	0	30	23:15	1	1	0	0	2
11:30	17	11	0	0	28	23:30	3	0	0	0	3
11:45	14	63	20	64	161	23:45	2	9	2	6	15
TOTALS	327	1321	0	0	1648	TOTALS	821	906	0	0	1727
SPLIT %	19.8%	80.2%	0%	0%	48.8%	SPLIT %	47.5%	52.5%	0%	0%	51.2%

DAILY TOTALS						NB	SB	EB	WB	Total
						1,148	2,227	0	0	3,375
AM Peak Hour	7:15	7:00	7:00	PM Peak Hour	15:45	15:45	15:45			
AM Pk Volume	68	606	663	PM Pk Volume	150	194	344			
Pk Hr Factor	0.739	0.828	0.841	Pk Hr Factor	0.915	0.933	0.945			
7 - 9 Volume	116	829	945	4 - 6 Volume	264	294	558			
7 - 9 Peak Hour	7:15	7:00	7:00	4 - 6 Peak Hour	16:15	16:00	16:00			
7 - 9 Pk Volume	68	606	663	4 - 6 Pk Volume	147	175	318			
Pk Hr Factor	0.739	0.828	0.841	Pk Hr Factor	0.896	0.841	0.874			

VOLUME

Old River Rd 1100' N/O Little Gopher Canyon Rd

Day: Wednesday
 Date: 4/10/2024

City: Bonsall
 Project #: CA24_040054_001

DAILY TOTALS						NB	SB	EB	WB	Total	
						1,125	2,073	0	0	3,198	
AM Period	NB	SB	EB	WB	TOTAL	PM Period	NB	SB	EB	WB	TOTAL
0:00	1	1	0	0	2	12:00	12	21	0	0	33
0:15	2	1	0	0	3	12:15	9	21	0	0	30
0:30	0	0	0	0	0	12:30	13	25	0	0	38
0:45	0	3	0	2	5	12:45	18	52	25	92	144
1:00	0	0	0	0	0	13:00	11	23	0	0	34
1:15	1	1	0	0	2	13:15	11	22	0	0	33
1:30	0	0	0	0	0	13:30	17	14	0	0	31
1:45	0	1	0	1	2	13:45	17	56	20	79	135
2:00	0	0	0	0	0	14:00	27	20	0	0	47
2:15	0	0	0	0	0	14:15	28	24	0	0	52
2:30	0	3	0	0	3	14:30	22	20	0	0	42
2:45	0	0	3	0	3	14:45	30	107	38	102	209
3:00	0	3	0	0	3	15:00	17	51	0	0	68
3:15	0	1	0	0	1	15:15	20	38	0	0	58
3:30	0	0	0	0	0	15:30	38	30	0	0	68
3:45	0	1	5	0	6	15:45	29	104	29	148	252
4:00	1	0	0	0	1	16:00	22	38	0	0	60
4:15	0	3	0	0	3	16:15	47	42	0	0	89
4:30	1	4	0	0	5	16:30	33	48	0	0	81
4:45	0	2	5	12	19	16:45	28	130	13	141	271
5:00	1	4	0	0	5	17:00	39	19	0	0	58
5:15	1	6	0	0	7	17:15	36	16	0	0	52
5:30	2	9	0	0	11	17:30	28	24	0	0	52
5:45	0	4	12	31	47	17:45	29	132	25	84	216
6:00	4	21	0	0	25	18:00	24	29	0	0	53
6:15	6	39	0	0	45	18:15	13	22	0	0	35
6:30	4	63	0	0	67	18:30	12	13	0	0	25
6:45	8	22	84	207	321	18:45	12	61	18	82	143
7:00	4	131	0	0	135	19:00	23	14	0	0	37
7:15	13	163	0	0	176	19:15	19	12	0	0	31
7:30	10	154	0	0	164	19:30	16	6	0	0	22
7:45	28	55	93	541	617	19:45	10	68	5	37	105
8:00	25	95	0	0	120	20:00	12	8	0	0	20
8:15	13	63	0	0	76	20:15	18	7	0	0	25
8:30	13	31	0	0	44	20:30	14	4	0	0	18
8:45	16	67	25	214	322	20:45	7	51	3	22	73
9:00	8	30	0	0	38	21:00	7	1	0	0	8
9:15	12	23	0	0	35	21:15	7	1	0	0	8
9:30	8	22	0	0	30	21:30	3	1	0	0	4
9:45	19	47	17	92	175	21:45	5	22	3	6	28
10:00	3	26	0	0	29	22:00	5	1	0	0	6
10:15	11	29	0	0	40	22:15	2	2	0	0	4
10:30	17	19	0	0	36	22:30	0	0	0	0	0
10:45	19	50	23	97	189	22:45	2	9	1	4	13
11:00	19	26	0	0	45	23:00	3	2	0	0	5
11:15	16	10	0	0	26	23:15	2	1	0	0	3
11:30	20	13	0	0	33	23:30	2	0	0	0	2
11:45	18	73	18	67	176	23:45	2	9	1	4	13
TOTALS	324	1272	0	0	1596	TOTALS	801	801	0	0	1602
SPLIT %	20.3%	79.7%	0%	0%	49.9%	SPLIT %	50.0%	50.0%	0%	0%	50.1%

DAILY TOTALS						NB	SB	EB	WB	Total
						1,125	2,073	0	0	3,198
AM Peak Hour	7:45	7:00	7:00	PM Peak Hour	16:15	14:45	15:45			
AM Pk Volume	79	541	596	PM Pk Volume	147	157	288			
Pk Hr Factor	0.705	0.830	0.847	Pk Hr Factor	0.782	0.770	0.809			
7 - 9 Volume	122	755	877	4 - 6 Volume	262	225	487			
7 - 9 Peak Hour	7:45	7:00	7:00	4 - 6 Peak Hour	16:15	16:00	16:00			
7 - 9 Pk Volume	79	541	596	4 - 6 Pk Volume	147	141	271			
Pk Hr Factor	0.705	0.830	0.847	Pk Hr Factor	0.782	0.734	0.761			



RADAR SPEED SURVEY SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

Road Name: Old River Rd **From:** SR-76 **To:** 1,000' N/o Dentro de Lomas

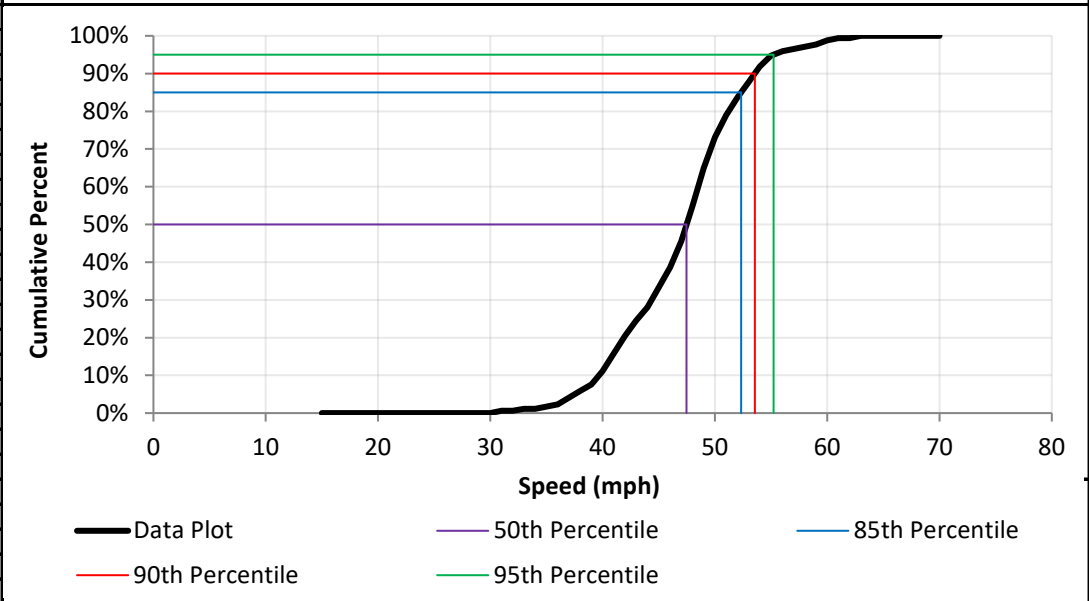
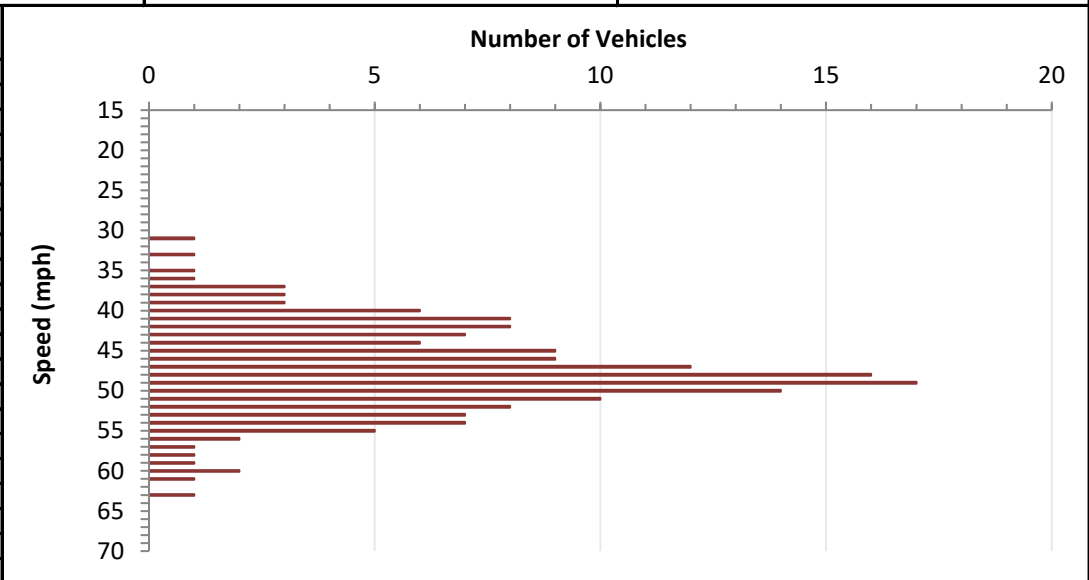
Position: 300' S/o Monrchet St **Direction:** NB/SB

Date: 4/10/2024 **Weather:** Clear **Project Number:** 24-040055-002

Time Start: 1:40PM **Road Condition:** Dry **Observer:** Contractor

Time End: 3:40PM **Posted Speed:** Unposted **Calibration Test:** Y

Speed (mph)	Num. Veh.	Cum. Pct.
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		
26		
27		
28		
29		
30		
31	1	0.6%
32		
33	1	1.2%
34		
35	1	1.8%
36	1	2.3%
37	3	4.1%
38	3	5.8%
39	3	7.6%
40	6	11.1%
41	8	15.8%
42	8	20.5%
43	7	24.6%
44	6	28.1%
45	9	33.3%
46	9	38.6%
47	12	45.6%
48	16	55.0%
49	17	64.9%
50	14	73.1%
51	10	78.9%
52	8	83.6%
53	7	87.7%
54	7	91.8%
55	5	94.7%
56	2	95.9%
57	1	96.5%
58	1	97.1%
59	1	97.7%
60	2	98.8%
61	1	99.4%
62		
63	1	100.0%
64		
65		
66		
67		
68		
69		
70		
Total	171	



DATA ANALYSIS

Average Speed	47.4	Range	31 - 63
50th Percentile	47.5	10 mph Pace	45 - 54
85th Percentile	52.3	Number in Pace	109
90th Percentile	53.6	Percent in Pace	64%
95th Percentile	55.2		



RADAR SPEED SURVEY

SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

Road Name: Old River Rd **From:** SR-76 **To:** 1,000' N/o Dentro de Lomas

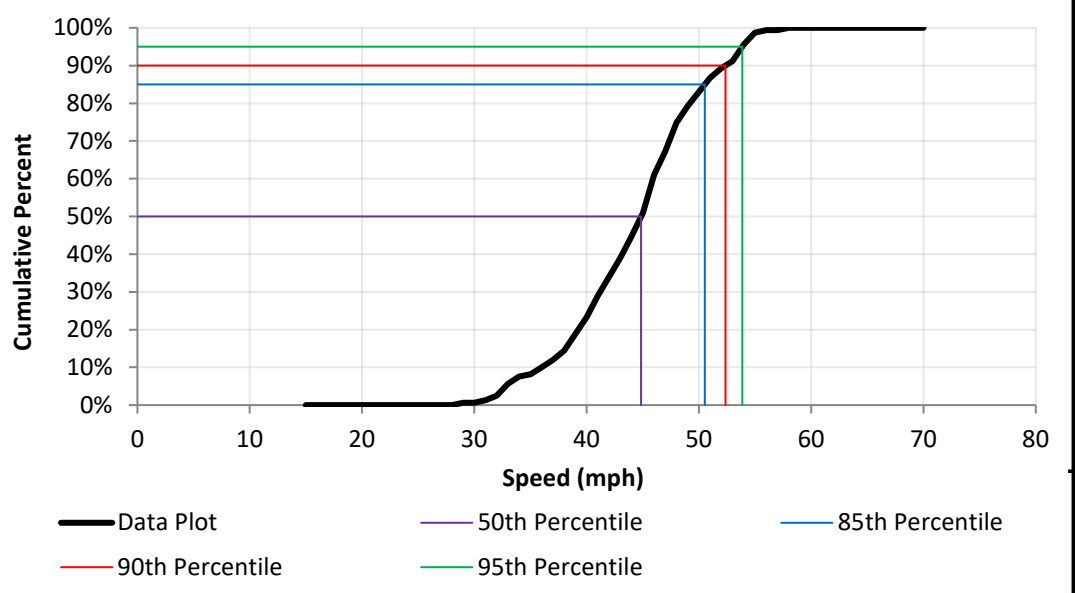
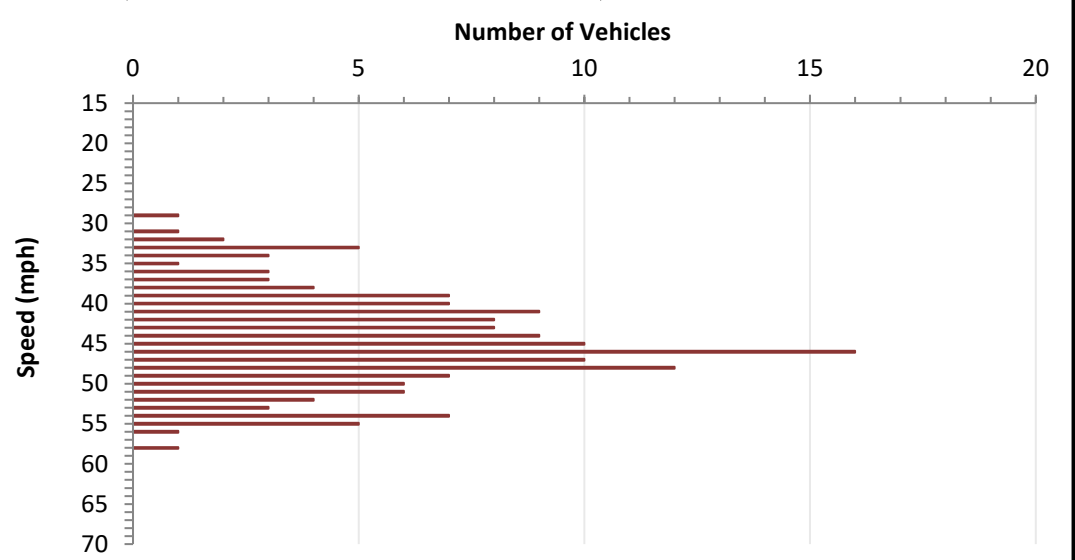
Position: 1,100' N/o Little Gopher Canyon Rd **Direction:** NB/SB

Date: 4/10/2024 **Weather:** Clear **Project Number:** 24-040055-001

Time Start: 11:30AM **Road Condition:** Dry **Observer:** Contractor

Time End: 1:30PM **Posted Speed:** Unposted **Calibration Test:** Y

Speed (mph)	Num. Veh.	Cum. Pct.
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		
26		
27		
28		
29	1	0.6%
30		
31	1	1.3%
32	2	2.5%
33	5	5.7%
34	3	7.5%
35	1	8.2%
36	3	10.1%
37	3	11.9%
38	4	14.5%
39	7	18.9%
40	7	23.3%
41	9	28.9%
42	8	34.0%
43	8	39.0%
44	9	44.7%
45	10	50.9%
46	16	61.0%
47	10	67.3%
48	12	74.8%
49	7	79.2%
50	6	83.0%
51	6	86.8%
52	4	89.3%
53	3	91.2%
54	7	95.6%
55	5	98.7%
56	1	99.4%
57		
58	1	100.0%
59		
60		
61		
62		
63		
64		
65		
66		
67		
68		
69		
70		
Total	159	

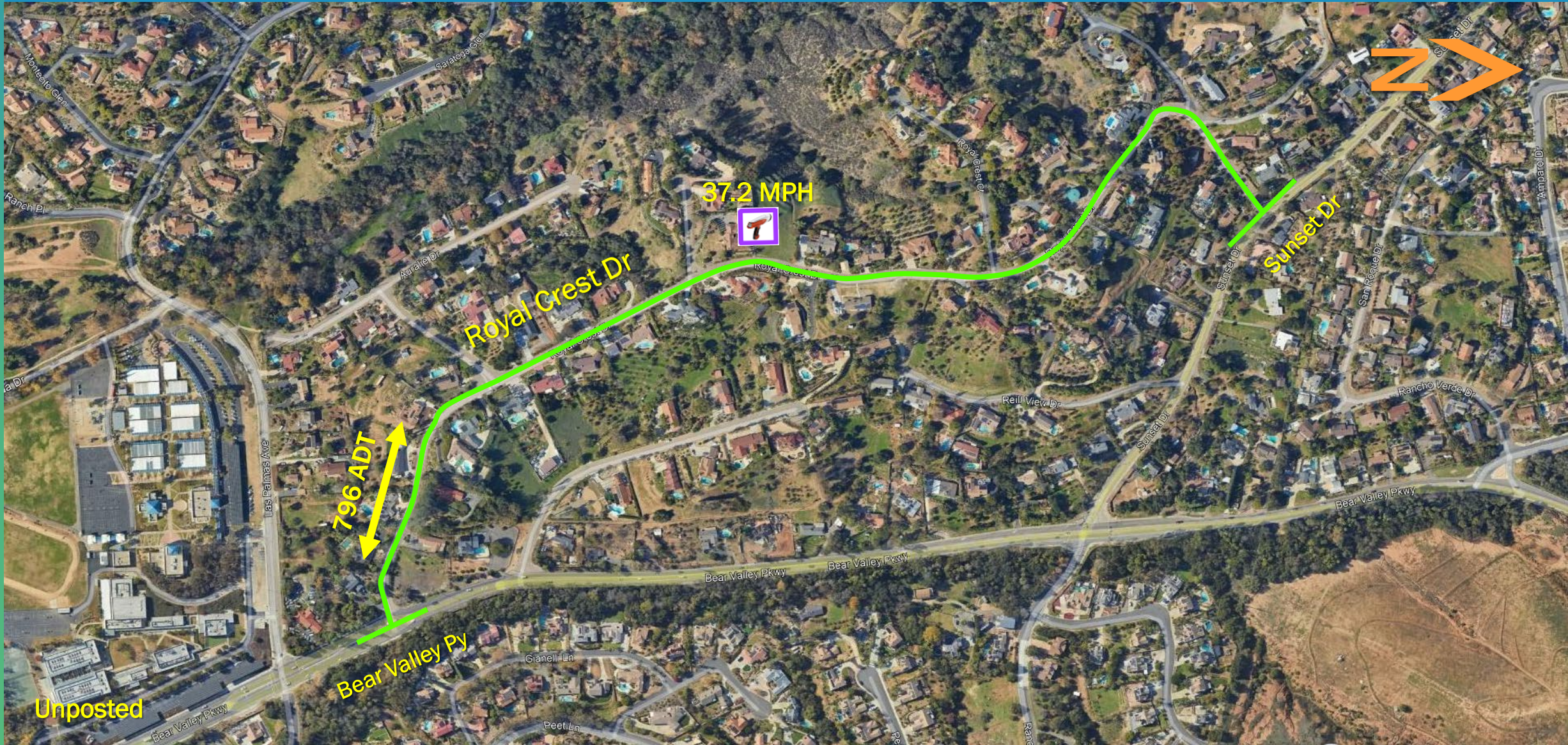


DATA ANALYSIS

Average Speed	44.7	Range	29 - 58
50th Percentile	44.9	10 mph Pace	39 - 48
85th Percentile	50.5	Number in Pace	96
90th Percentile	52.4	Percent in Pace	60%
95th Percentile	53.9		

Royal Crest Drive

Sunset Drive to Bear Valley Parkway (0.79 miles)



Unposted

SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE

COMMITTEE REPORT OF: June 7, 2024 **Item 5-D**

SUPERVISORIAL DISTRICT: 5

SUBJECT: Radar Certification

LOCATION: Royal Crest Drive from Sunset Drive to Bear Valley Parkway (a distance of 0.79 miles) SAN PASQUAL

INITIATED BY: DPW Traffic Engineering

REQUEST: Radar Certification

PROBLEM AS STATED BY REQUESTER:

Royal Crest Drive from Sunset Drive to Bear Valley Parkway currently has no posted speed limit and is subject to the 55 MPH State maximum speed limit. A preliminary review of prevailing speeds and roadway conditions could support radar certification the 35 MPH speed limit.

Existing Traffic Devices

Royal Crest Drive is a striped 2-lane undivided highway that is 18 to 32 feet wide. The roadway is striped with a no passing centerline. Royal Crest Drive is posted with advisory signs. Royal Crest Drive is currently unclassified on the County General Plan Mobility Element Network.

Average Daily Traffic Volumes **04/24**

Royal Crest Drive:
520' N/o Bear Valley Parkway 796

<u>Speed Data</u>	<u>85th Percentile</u>	<u>10 MPH Pace</u>	<u>% in Pace</u>
Royal Crest Drive: 325' S/o Merrywood Lane	(2024) 37.2 MPH	28-37	70%

Collision Data

There have been 0 reported collisions along this segment of roadway in a 3-year period (2019-01-01 to 2023-12-31).



PUBLIC WORKS

5510 OVERLAND AVENUE, SUITE 410, SAN DIEGO, CALIFORNIA 92123-1237
(858) 694-2212

WILLIAM P. MORGAN, P.E.
INTERIM DIRECTOR

COUNTY TRAFFIC ENGINEER RECOMMENDATION

Date: May 20th, 2024
Item Title: Speed Limit and Radar Certification
Location: Royal Crest Drive between Bear Valley Parkway and Sunset Drive in Escondido
CTE Recommendation: **Establish 35 MPH Radar Enforced Speed Limit**
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 (85th percentile) speed of motorists.
- Royal Crest Drive is a two-lane roadway, curvy, with limited shoulder and no edgeline throughout its length of 0.79 miles. Its pavement width varies between 24 and 34 feet with a striped center line on the roadway.
- A speed survey recently taken on Royal Crest Drive resulted in a prevailing 85th percentile speed of 37.2 MPH.
- Pursuant to CVC section 22358 coupled with above conditions on Royal Crest Drive and the guidance of the CA MUTCD section 2B.13, a 35 MPH radar enforced speed limit on Royal Crest Drive from Sunset Drive to Bear Valley Parkway is reasonable and safe based on prevailing speed.

Michael L. Kenney, TE 2045 & CE 56661

5/21/24

Date

VOLUME

Royal Crest Dr 520' N/O Bear Valley Pkwy

Day: Thursday
 Date: 4/18/2024

City: Escondido
 Project #: CA24_040068_001

DAILY TOTALS					NB	SB	EB	WB	Total		
					444	352	0	0	796		
AM Period	NB	SB	EB	WB	TOTAL	PM Period	NB	SB	EB	WB	TOTAL
0:00	0	0	0	0		12:00	3	4	0	0	7
0:15	0	0	0	0		12:15	23	7	0	0	30
0:30	0	0	0	0		12:30	31	3	0	0	34
0:45	0	0	0	0		12:45	22	79	3	17	25
1:00	0	0	0	0		13:00	4	2	0	0	6
1:15	0	0	0	0		13:15	2	4	0	0	6
1:30	0	0	0	0		13:30	3	3	0	0	6
1:45	0	0	0	0		13:45	4	13	4	13	8
2:00	0	0	0	0		14:00	14	6	0	0	20
2:15	0	0	0	0		14:15	15	2	0	0	17
2:30	0	1	0	0	1	14:30	3	3	0	0	6
2:45	0	0	1	0	1	14:45	10	42	4	15	14
3:00	0	0	0	0		15:00	9	2	0	0	11
3:15	1	1	0	0	2	15:15	5	3	0	0	8
3:30	0	0	0	0		15:30	20	4	0	0	24
3:45	0	1	0	1	2	15:45	24	58	4	13	28
4:00	0	0	0	0		16:00	16	4	0	0	20
4:15	1	0	0	0	1	16:15	4	8	0	0	12
4:30	0	1	0	0	1	16:30	15	2	0	0	17
4:45	0	1	0	1	2	16:45	12	47	4	18	16
5:00	0	0	0	0		17:00	12	7	0	0	19
5:15	0	0	0	0		17:15	6	4	0	0	10
5:30	0	0	0	0		17:30	13	4	0	0	17
5:45	0	1	1	0	1	17:45	7	38	2	17	9
6:00	1	2	0	0	3	18:00	7	4	0	0	11
6:15	1	0	0	0	1	18:15	9	3	0	0	12
6:30	1	0	0	0	1	18:30	9	3	0	0	12
6:45	1	4	2	4	3	18:45	5	30	0	10	5
7:00	2	6	0	0	8	19:00	5	1	0	0	6
7:15	2	2	0	0	4	19:15	4	2	0	0	6
7:30	0	10	0	0	10	19:30	4	1	0	0	5
7:45	9	13	64	82	73	19:45	2	15	1	5	3
8:00	17	68	0	0	85	20:00	1	0	0	0	1
8:15	23	32	0	0	55	20:15	3	0	0	0	3
8:30	9	3	0	0	12	20:30	1	1	0	0	2
8:45	2	51	3	106	5	20:45	3	8	2	3	5
9:00	1	10	0	0	11	21:00	1	0	0	0	1
9:15	5	2	0	0	7	21:15	0	3	0	0	3
9:30	5	5	0	0	10	21:30	4	0	0	0	4
9:45	2	13	3	20	5	21:45	0	5	0	3	0
10:00	1	6	0	0	7	22:00	0	0	0	0	0
10:15	1	3	0	0	4	22:15	0	0	0	0	0
10:30	6	2	0	0	8	22:30	2	1	0	0	3
10:45	4	12	2	13	6	22:45	0	2	1	2	1
11:00	2	1	0	0	3	23:00	0	0	0	0	0
11:15	6	3	0	0	9	23:15	1	0	0	0	1
11:30	0	1	0	0	1	23:30	1	0	0	0	1
11:45	2	10	2	7	4	23:45	0	2	0	0	2
TOTALS	105	236			341	TOTALS	339	116			455
SPLIT %	30.8%	69.2%			42.8%	SPLIT %	74.5%	25.5%			57.2%

DAILY TOTALS					NB	SB	EB	WB	Total
					444	352	0	0	796
AM Peak Hour	11:45	7:30		7:45	PM Peak Hour	12:15	16:15		12:00
AM Pk Volume	59	174		225	PM Pk Volume	80	21		96
Pk Hr Factor	0.476	0.640		0.662	Pk Hr Factor	0.645	0.656		0.706
7 - 9 Volume	64	188	0	252	4 - 6 Volume	85	35	0	120
7 - 9 Peak Hour	7:45	7:30		7:45	4 - 6 Peak Hour	16:00	16:15		16:00
7 - 9 Pk Volume	58	174	0	225	4 - 6 Pk Volume	47	21	0	65
Pk Hr Factor	0.630	0.640	0.000	0.662	Pk Hr Factor	0.734	0.656	0.000	0.813

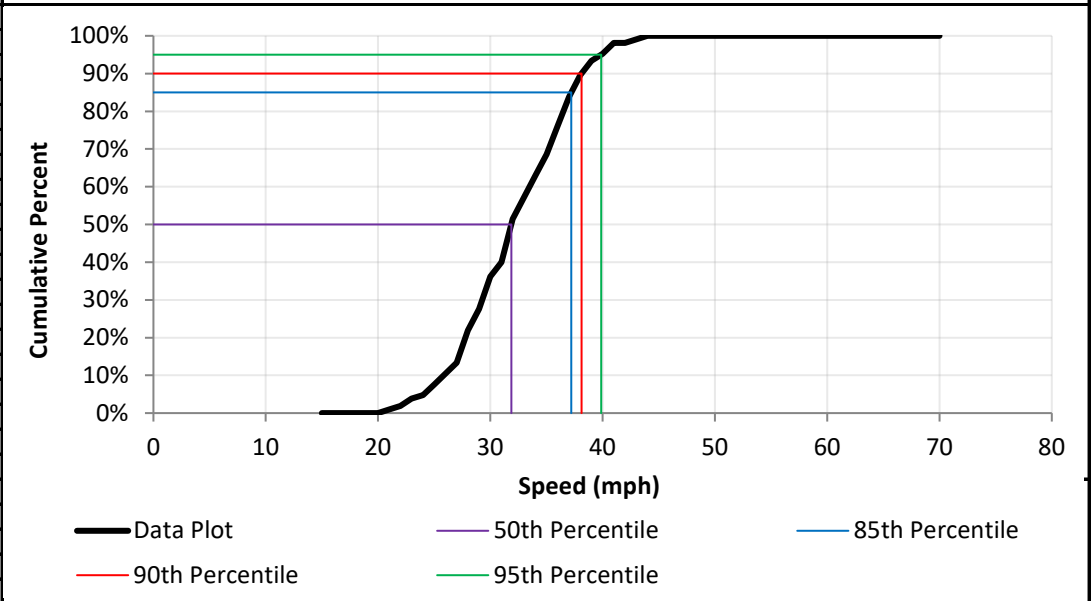
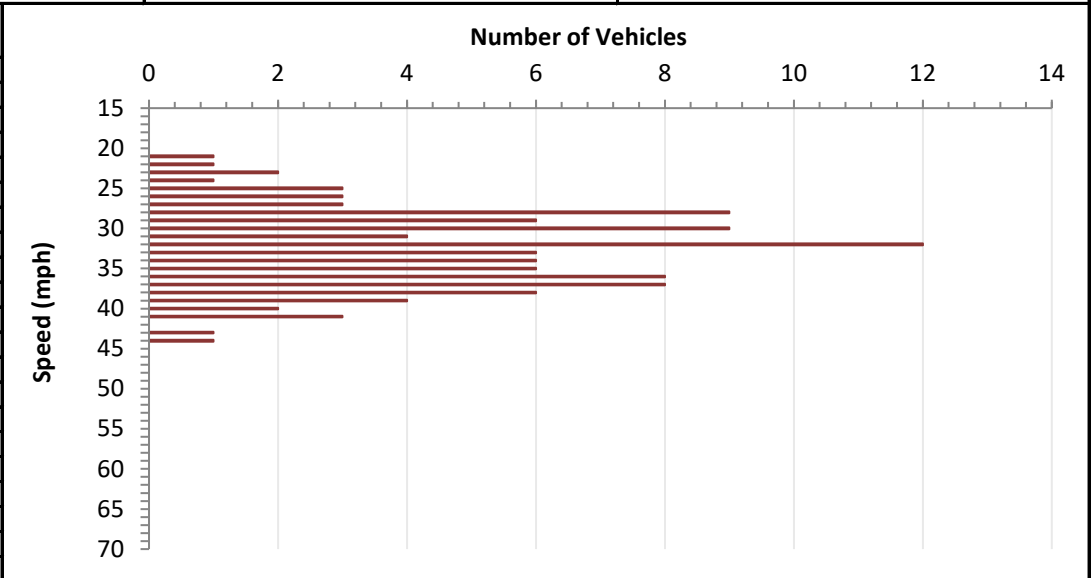


RADAR SPEED SURVEY

SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

Road Name:	Royal Crest Dr	From:	Sunset Dr	To:	Bear Valley Pkwy
Position:	325' S/o Merrywood Ln	Direction:	NB/SB		
Date:	4/18/2024	Weather:	Clear	Project Number:	24-040067-001
Time Start:	11:45AM	Road Condition:	Dry	Observer:	Contractor
Time End:	2:45PM	Posted Speed:	N/A	Calibration Test:	Y

Speed (mph)	Num. Veh.	Cum. Pct.
15		
16		
17		
18		
19		
20		
21	1	1.0%
22	1	1.9%
23	2	3.8%
24	1	4.8%
25	3	7.6%
26	3	10.5%
27	3	13.3%
28	9	21.9%
29	6	27.6%
30	9	36.2%
31	4	40.0%
32	12	51.4%
33	6	57.1%
34	6	62.9%
35	6	68.6%
36	8	76.2%
37	8	83.8%
38	6	89.5%
39	4	93.3%
40	2	95.2%
41	3	98.1%
42		
43	1	99.0%
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		
Total	105	



DATA ANALYSIS

Average Speed	32.6	Range	21 - 44
50th Percentile	31.9	10 mph Pace	28 - 37
85th Percentile	37.2	Number in Pace	74
90th Percentile	38.1	Percent in Pace	70%
95th Percentile	39.9		