

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

February 24, 2023

TO: Community Planning/Sponsor Group Chairpersons

FROM: Secretary, Traffic Advisory Committee

MEETING NOTICE

Attached is the preliminary agenda for the March 10, 2023 meeting of the Traffic Advisory Committee (TAC).

This TAC meeting on March 10, 2023, will be conducted with a virtual meeting platform option. Please 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: 288 174 735 707

Passcode: kTwgnG

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

Or call in (audio only)

[+1 619-343-2539,,347442032#](#) United States, San Diego

Phone Conference ID: 347 442 032#

[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 10, 2023 ~ 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**

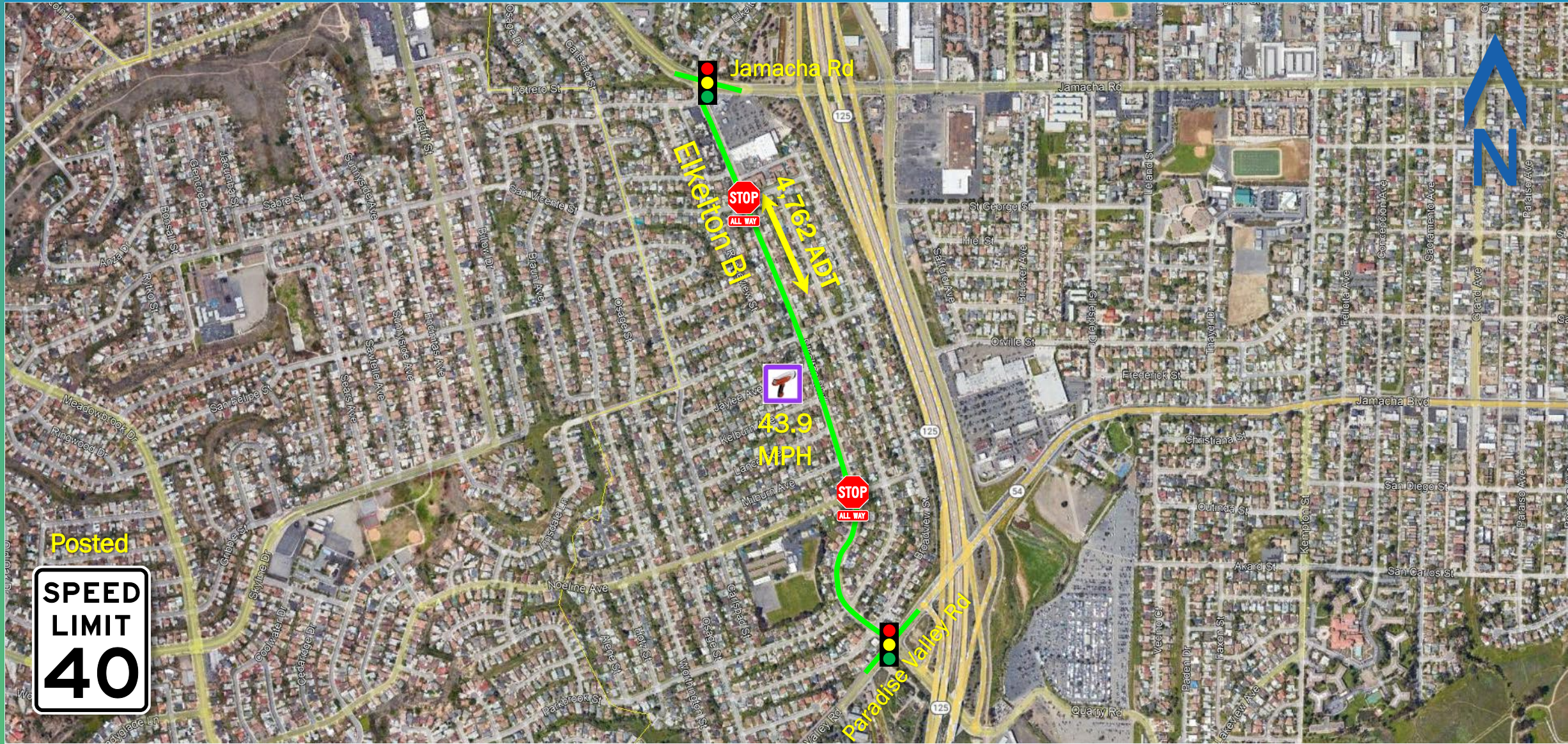
SUBJECT	LOCATION	AREA/ COMMUNITY GROUP
<u>SUPERVISORIAL DISTRICT 1</u>		
1-A. RADAR CERTIFICATION	ELKELTON BL JAMACHA RD TO PARADISE VALLEY RD	LA PRESA/ SPRING VALLEY CPG
<u>SUPERVISORIAL DISTRICT 2</u>		
2-A. RADAR CERTIFICATION	LAKESIDE AV STATE ROUTE 67 TO VALLE VISTA RD	LAKESIDE FARMS/ LAKESIDE CPG
2-B. RADAR CERTIFICATION	RIVERSIDE DR VALLE VISTA RD TO RIVERFORD RD	LAKESIDE FARMS/ LAKESIDE CPG
2-C. RADAR CERTIFICATION	WILDCAT CANYON RD WILLOW RD TO BARONA INDIAN RESERVATION (S BOUNDARY)	BARONA/LAKESIDE/ LAKESIDE CPG
2-D. RADAR CERTIFICATION	WILDCAT CANYON RD BARONA INDIAN RESERVATION (S BOUNDARY) TO SAN VICENTE RD	BARONA/SD COUNTRY ESTATES/ RAMONA CPG
<u>SUPERVISORIAL DISTRICT 3</u>		
3-A. RADAR CERTIFICATION	RANCHO DIEGUENO RD RANCHO SANTA FE FARMS RD TO SAN DIEGUITO RD	FAIRBANK RANCH/ SAN DIEGUITO CPG
<u>SUPERVISORIAL DISTRICT 4</u>		
4-A. RADAR CERTIFICATION	KENWOOD DR CAMPO RD TO KENWOOD CT	SPRING VALLEY/ SPRING VALLEY CPG VALLE DE ORO CPG
4-B. RADAR CERTIFICATION	KENWOOD DR KENWOOD CT TO BANCROFT DR	SPRING VALLEY/ SPRING VALLEY CPG
<u>SUPERVISORIAL DISTRICT 5</u>		
5-A. RADAR CERTIFICATION	FIFTH ST RAINBOW VALLEY BL TO OLD HIGHWAY 395	RAINBOW/ RAINBOW CPG
5-B. PARKING RESTRICTION	LA SOMBRA DR DISCOVERY ST TO SAN MARCOS CL	LAKE SAN MARCOS/ N/A

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>

Elkelton Boulevard

Jamacha Road to Paradise Valley Road
0.94 miles



SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE

COMMITTEE REPORT OF: March 10, 2022

Item 1-A

SUPERVISORIAL DISTRICT: 1

SUBJECT: Radar Certification

LOCATION: Elkelton Boulevard from Jamacha Road to Paradise Valley Road (a distance of 0.94 miles) LA PRESA (Thos. Bros. 1290-J2)

INITIATED BY: DPW Traffic Engineering

REQUEST: Radar Recertification

PROBLEM AS STATED BY REQUESTER:

Elkelton Boulevard from Jamacha Road to Paradise Valley Road is currently posted with a 40 MPH, radar enforced, speed limit. A preliminary review of prevailing speeds and roadway conditions could support radar certification of the 40 MPH speed limit.

Existing Traffic Devices

This segment of Elkelton Boulevard is a striped 4-lane divided through highway that is 64 feet wide. The roadway is striped with a two-way left turn lane and lane lines. The road is posted with stop ahead signs. Elkelton Boulevard is classified as a Boulevard on the County General Plan Mobility Element Network. The road is posted with a 40 MPH, radar enforced, speed limit.

Average Daily Traffic Volumes

Elkelton Boulevard:

250' N/o Innsdale Avenue

01/23

4,762

02/15

5,074

Speed Data

Elkelton Boulevard:

150' S/o Innsdale Avenue

**85th
Percentile**

(2023) 43.9 MPH
(2016) 44.0 MPH

**10 MPH
Pace**

33-44
34-40

**% in
Pace**

79.0%
70.4%

Collision Data

There have been 39 reported collisions, 9 of which involved an injury, along this segment of roadway in a 3-year period (2019-11-01 to 2022-10-31). These collisions result in a segment accident rate of 7.97 collisions per million vehicle miles. The statewide average is 1.03 collisions per million vehicle miles for similar suburban, divided 4 lane, roads with speeds less than 55 MPH.



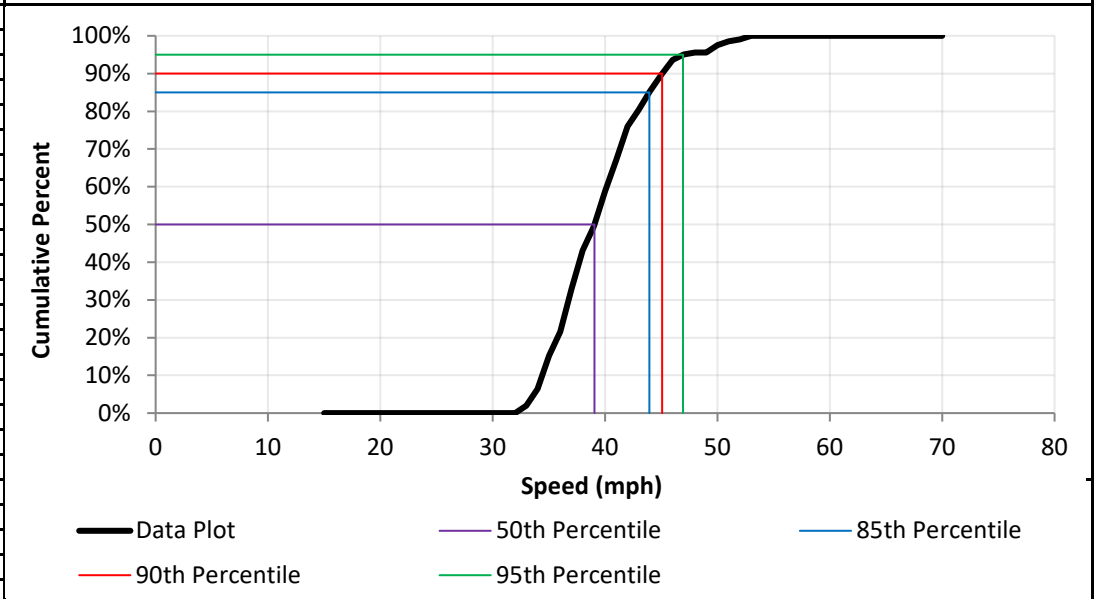
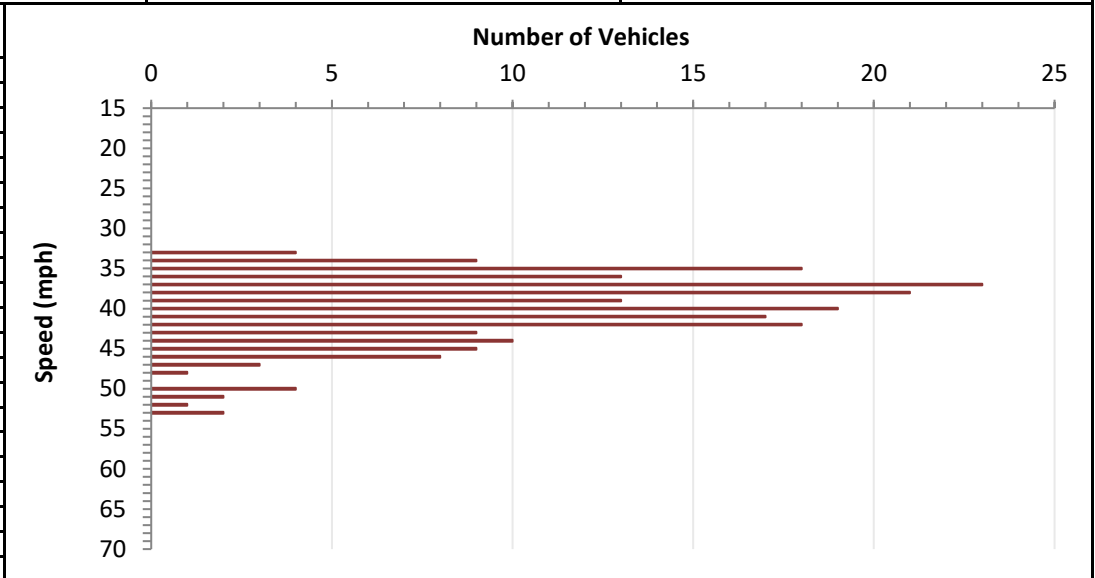
RADAR SPEED SURVEY

SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

Road Name:	Elkelton Bl	From: Jamacha Rd	To: Paradise Valley Rd
Position:	150' S/o Innsdale Av	Direction:	NB/SB

Date:	1/25/2023	Weather:	Clear	Project Number:	23-040014-006
Time Start:	9:00 AM	Road Condition:	Dry	Observer:	Contractor
Time End:	11:00 AM	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		
31		
32		
33	4	2.0%
34	9	6.4%
35	18	15.2%
36	13	21.6%
37	23	32.8%
38	21	43.1%
39	13	49.5%
40	19	58.8%
41	17	67.2%
42	18	76.0%
43	9	80.4%
44	10	85.3%
45	9	89.7%
46	8	93.6%
47	3	95.1%
48	1	95.6%
49		
50	4	97.5%
51	2	98.5%
52	1	99.0%
53	2	100.0%
54		
55		
56		
57		
58		
59		
60		
61		
62		
63		
64		
65		
66		
67		
68		
69		
70		
Total	204	



DATA ANALYSIS			
Average Speed	40.0	Range	33 - 53
50th Percentile	39.1	10 mph Pace	35 - 44
85th Percentile	43.9	Number in Pace	161
90th Percentile	45.1	Percent in Pace	79%
95th Percentile	46.9		

VOLUME

Elkelton Blvd N/O 250' Innsdale Ave

Day: Wednesday
Date: 1/18/2023City: Spring Valley
Project #: CA23_040013_004

DAILY TOTALS					NB	SB						EB	WB						Total
					2,557	2,205						0	0						4,762
AM Period	NB	SB	EB	WB	TOTAL		PM Period	NB	SB	EB	WB	TOTAL							TOTAL
00:00	11	6			17		12:00	31	26			57							57
00:15	3	4			7		12:15	36	32			68							68
00:30	2	0			2		12:30	38	31			69							69
00:45	2	18	1	11	3	29	12:45	30	135	36	125	66	260						260
01:00	2	3			5		13:00	37	40			77							77
01:15	4	2			6		13:15	39	34			73							73
01:30	0	5			5		13:30	29	42			71							71
01:45	3	9	0	10	3	19	13:45	37	142	56	172	93	314						314
02:00	4	2			6		14:00	62	40			102							102
02:15	1	2			3		14:15	51	46			97							97
02:30	2	1			3		14:30	34	39			73							73
02:45	3	10	1	6	4	16	14:45	35	182	38	163	73	345						345
03:00	4	0			4		15:00	48	49			97							97
03:15	2	0			2		15:15	48	38			86							86
03:30	1	1			2		15:30	57	52			109							109
03:45	3	10	2	3	5	13	15:45	80	233	50	189	130	422						422
04:00	8	3			11		16:00	49	55			104							104
04:15	5	4			9		16:15	55	42			97							97
04:30	7	3			10		16:30	56	51			107							107
04:45	3	23	2	12	5	35	16:45	40	200	46	194	86	394						394
05:00	19	3			22		17:00	53	52			105							105
05:15	15	5			20		17:15	46	43			89							89
05:30	19	2			21		17:30	52	44			96							96
05:45	6	59	13	23	19	82	17:45	33	184	35	174	68	358						358
06:00	18	9			27		18:00	38	40			78							78
06:15	23	9			32		18:15	50	46			96							96
06:30	20	16			36		18:30	42	32			74							74
06:45	22	83	11	45	33	128	18:45	31	161	37	155	68	316						316
07:00	40	26			66		19:00	30	33			63							63
07:15	48	26			74		19:15	20	27			47							47
07:30	68	54			122		19:30	33	32			65							65
07:45	71	227	24	130	95	357	19:45	23	106	31	123	54	229						229
08:00	64	47			111		20:00	23	22			45							45
08:15	56	33			89		20:15	25	23			48							48
08:30	39	33			72		20:30	13	33			46							46
08:45	41	200	22	135	63	335	20:45	13	74	19	97	32	171						171
09:00	19	27			46		21:00	16	12			28							28
09:15	29	22			51		21:15	15	20			35							35
09:30	42	22			64		21:30	12	18			30							30
09:45	42	132	28	99	70	231	21:45	18	61	23	73	41	134						134
10:00	43	29			72		22:00	15	11			26							26
10:15	23	24			47		22:15	7	14			21							21
10:30	32	16			48		22:30	8	10			18							18
10:45	23	121	21	90	44	211	22:45	3	33	12	47	15	80						80
11:00	37	27			64		23:00	7	6			13							13
11:15	35	30			65		23:15	7	10			17							17
11:30	26	29			55		23:30	1	3			4							4
11:45	35	133	17	103	52	236	23:45	6	21	7	26	13	47						47
TOTALS	1025	667			1692		TOTALS	1532	1538			3070							3070
SPLIT %	60.6%	39.4%			35.5%		SPLIT %	49.9%	50.1%			64.5%							64.5%

DAILY TOTALS					NB	SB						EB	WB						Total
					2,557	2,205						0	0						4,762
AM Peak Hour	07:30	07:30			07:30		PM Peak Hour	15:30	15:30			15:30							15:30
AM Pk Volume	259	158			417		PM Pk Volume	241	199			440							440
Pk Hr Factor	0.912	0.731			0.855		Pk Hr Factor	0.753	0.905			0.846							0.846
7 - 9 Volume	427	265	0	0	692		4 - 6 Volume	384	368	0	0	752							752
7 - 9 Peak Hour	07:30	07:30			07:30		4 - 6 Peak Hour	16:15	16:00			16:15							16:15
7 - 9 Pk Volume	259	158	0	0	417		4 - 6 Pk Volume	204	194	0	0	395							395
Pk Hr Factor	0.912	0.731	0.000	0.000	0.855		Pk Hr Factor	0.911	0.882	0.000	0.000	0.923							0.923

Lakeside Avenue

State Route 67 to Valle Vista Road
0.72 miles



SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE

COMMITTEE REPORT OF: March 10, 2022

Item 2-A

SUPERVISORIAL DISTRICT: 2

SUBJECT: Radar Certification

LOCATION: Lakeside Avenue from State Route 67 to Valle Vista Road (a distance of 0.72 miles) LAKESIDE FARMS (Thos. Bros. 1232-A1)

INITIATED BY: DPW Traffic Engineering

REQUEST: Radar Recertification

PROBLEM AS STATED BY REQUESTER:

Lakeside Avenue from State Route 67 to Valle Vista Road is currently posted with a 40 MPH speed limit. A preliminary review of prevailing speeds and roadway conditions could support radar certification of the 40 MPH speed limit.

Existing Traffic Devices

This segment of Lakeside Avenue is a striped 2-lane highway that is 26 to 72 feet wide. The roadway is striped with a no passing centerline and white edgeline. Between Channel Road and Valle Vista Road, Lakeside is striped with a two-way left turn lane and bike lane. The road is posted with a stop ahead sign, an emergency vehicle warning sign, and signal ahead signs. Lakeside Avenue is classified as a Light Collector, from State Route 67 to Channel Road, and a Major Road, from Channel Road to Valle Vista Road, on the County General Plan Mobility Element Network. The road is posted with a 40 MPH speed limit.

Average Daily Traffic Volumes

	<u>10/22</u>	<u>02/15</u>
Lakeside Avenue:		
300' W/o State Route 67	3,895	5,074

<u>Speed Data</u>		<u>85th Percentile</u>	<u>10 MPH Pace</u>	<u>% in Pace</u>
Lakeside Avenue:				
1,000' E/o Channel Road	(2022)	39.8 MPH	32-41	90.0%
500' E/o Valle Vista Road	(2023)	44.7 MPH	36-45	82.0%
Speed Zone	(2023)	42.3 MPH	35-44	86.0%

Collision Data

There have been 8 reported collisions, 3 of which involved an injury, along this segment of roadway in a 3-year period (2019-11-01 to 2022-10-31). These collisions result in a segment accident rate of 2.61 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.



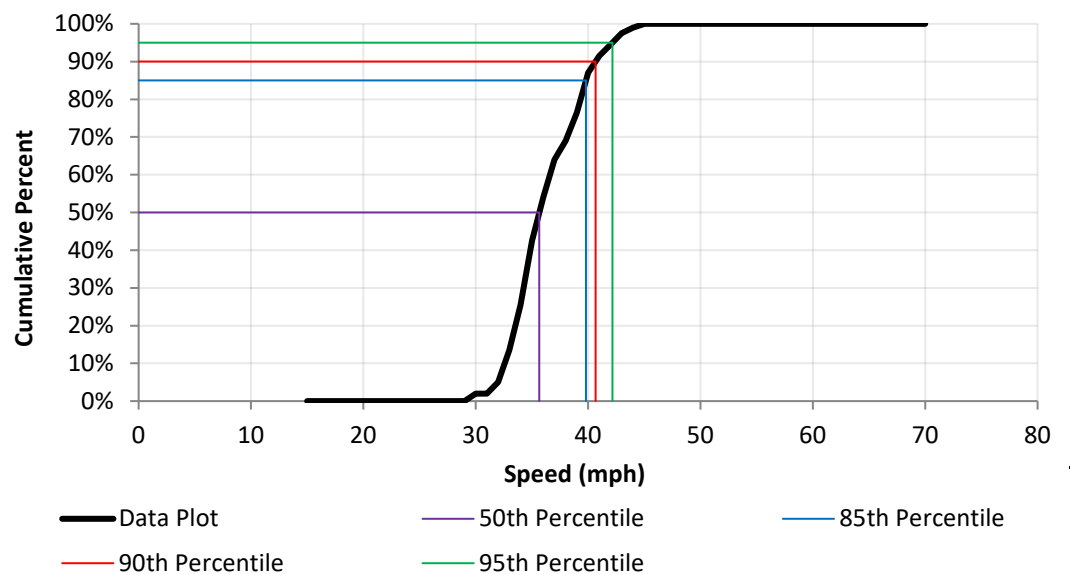
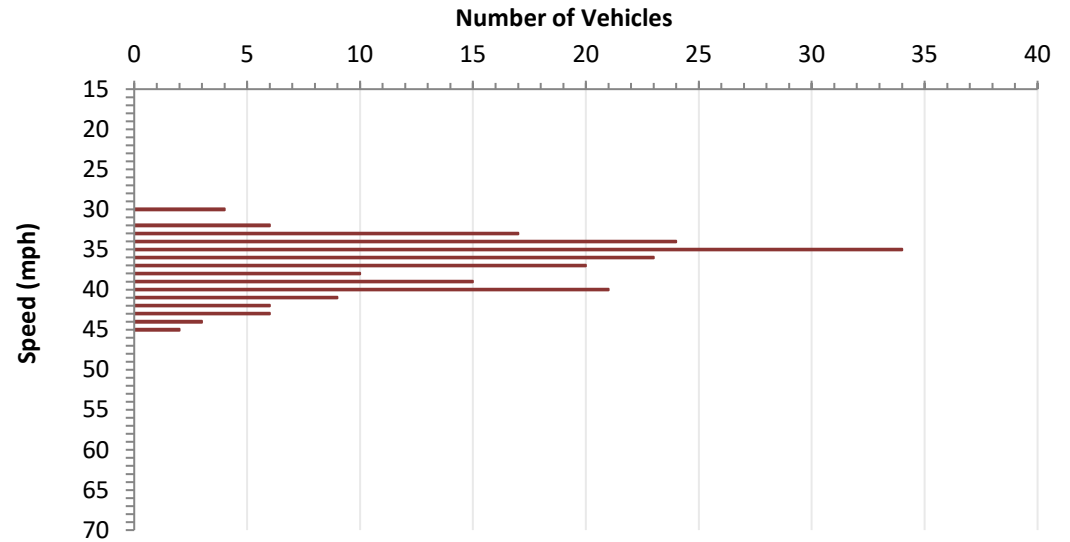
RADAR SPEED SURVEY

SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

Road Name:	Lakeside Av	From: Riverside Dr	To: State Hy 67
Position:	1,000' EO Channel Rd	Direction:	WB/EB

Date:	9/27/2022	Weather:	Clear	Project Number:	22-040175-006
Time Start:	9:15 AM	Road Condition:	Dry	Observer:	Contractor
Time End:	11:15 AM	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	2.0%
31		
32	6	5.0%
33	17	13.5%
34	24	25.5%
35	34	42.5%
36	23	54.0%
37	20	64.0%
38	10	69.0%
39	15	76.5%
40	21	87.0%
41	9	91.5%
42	6	94.5%
43	6	97.5%
44	3	99.0%
45	2	100.0%
46		
47		
48		
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56		
57		
58		
59		
60		
61		
62		
63		
64		
65		
66		
67		
68		
69		
70		
Total	200	



DATA ANALYSIS

Average Speed	36.8	Range	30 - 45
50th Percentile	35.7	10 mph Pace	32 - 41
85th Percentile	39.8	Number in Pace	179
90th Percentile	40.7	Percent in Pace	90%
95th Percentile	42.2		



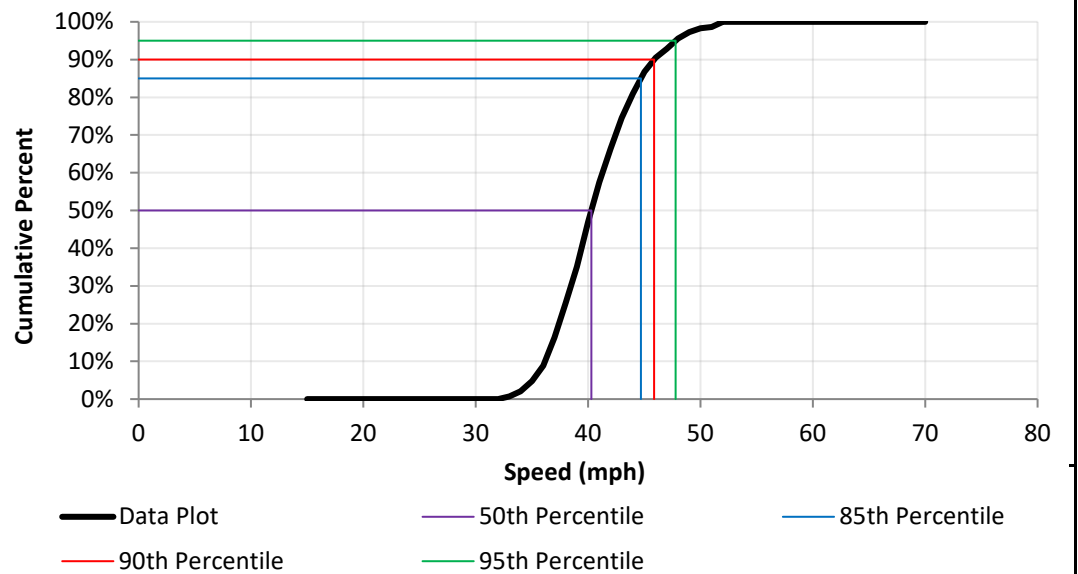
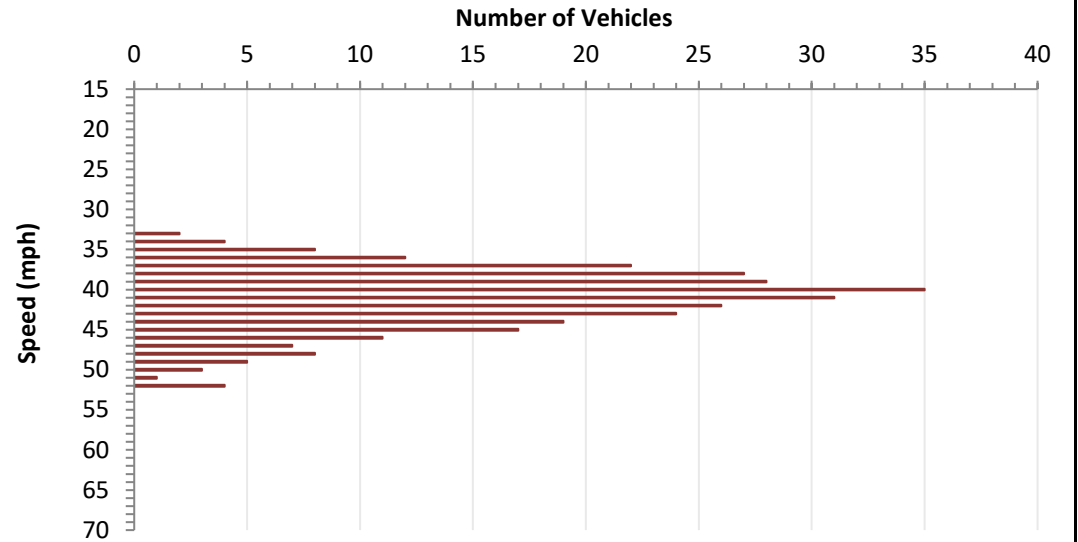
RADAR SPEED SURVEY

SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

Road Name:	Lakeside Av	From:	SR-67	To:	Valle Vista Rd
Position:	500' E/o Valle Vista Rd	Direction:	EB/WB		

Date:	1/18/2023	Weather:	Clear	Project Number:	23-040014-009
Time Start:	11:00 AM	Road Condition:	Dry	Observer:	Contractor
Time End:	1:00 PM	Posted Speed:	45 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		
31		
32		
33	2	0.7%
34	4	2.0%
35	8	4.8%
36	12	8.8%
37	22	16.3%
38	27	25.5%
39	28	35.0%
40	35	46.9%
41	31	57.5%
42	26	66.3%
43	24	74.5%
44	19	81.0%
45	17	86.7%
46	11	90.5%
47	7	92.9%
48	8	95.6%
49	5	97.3%
50	3	98.3%
51	1	98.6%
52	4	100.0%
53		
54		
55		
56		
57		
58		
59		
60		
61		
62		
63		
64		
65		
66		
67		
68		
69		
70		
Total	294	



DATA ANALYSIS

Average Speed	41.2	Range	33 - 52
50th Percentile	40.3	10 mph Pace	36 - 45
85th Percentile	44.7	Number in Pace	241
90th Percentile	45.9	Percent in Pace	82%
95th Percentile	47.8		

VOLUME

Lakeside Ave 300' W/O Hwy 67

Day: Wednesday

Date: 10/12/2022

City: Lakeside

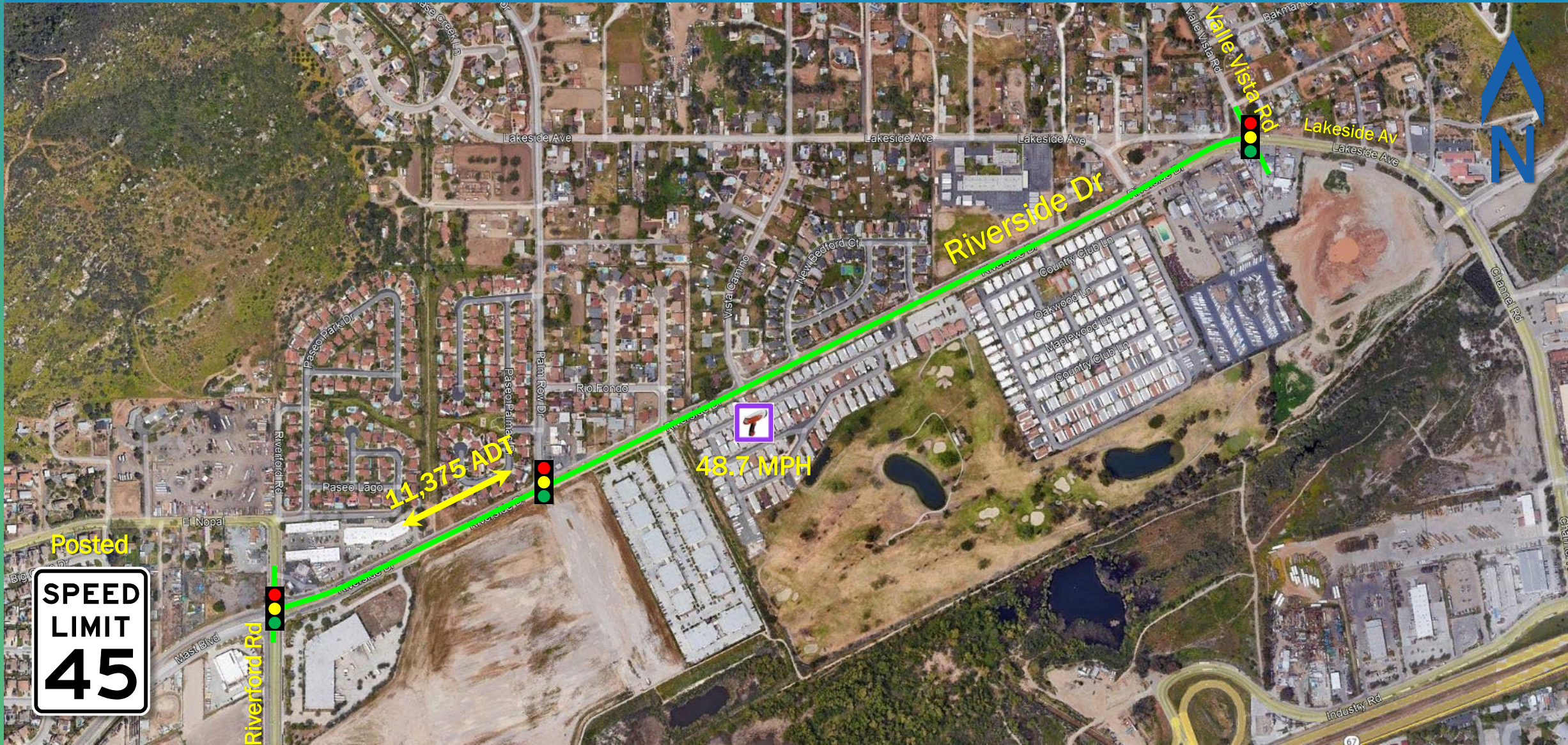
Project #: CA22_040176_008

DAILY TOTALS					NB	SB	EB					WB	Total				
					0	0	1,605					2,290	3,895				
AM Period	NB	SB	EB	WB	TOTAL		PM Period	NB	SB	EB	WB	TOTAL					
00:00			4	2	6		12:00			19	34	53					
00:15			1	4	5		12:15			21	40	61					
00:30			4	3	7		12:30			21	56	77					
00:45			0	9	4	13	12:45			24	85	55	185				
01:00			0	3	3		13:00			36	33	69					
01:15			2	3	5		13:15			37	32	69					
01:30			1	3	4		13:30			31	29	60					
01:45			0	3	1	10	13:45			24	128	34	128				
02:00			1	0	1		14:00			23	23	46					
02:15			1	2	3		14:15			20	44	64					
02:30			1	1	2		14:30			19	49	68					
02:45			4	7	0	3	14:45			20	82	56	172				
03:00			4	2	6		15:00			13	50	63					
03:15			5	1	6		15:15			23	46	69					
03:30			6	4	10		15:30			20	48	68					
03:45			5	20	1	8	15:45			15	71	56	200				
04:00			7	3	10		16:00			17	57	74					
04:15			7	4	11		16:15			14	63	77					
04:30			15	3	18		16:30			26	56	82					
04:45			10	39	6	16	16:45			22	79	55	231				
05:00			13	7	20		17:00			21	59	80					
05:15			14	10	24		17:15			19	53	72					
05:30			35	11	46		17:30			26	51	77					
05:45			23	85	15	43	17:45			24	90	55	218				
06:00			24	21	45		18:00			15	42	57					
06:15			30	24	54		18:15			23	33	56					
06:30			34	25	59		18:30			23	22	45					
06:45			37	125	31	101	18:45			20	81	27	124				
07:00			23	36	59		19:00			17	24	41					
07:15			49	37	86		19:15			17	16	33					
07:30			48	32	80		19:30			13	14	27					
07:45			30	150	34	139	19:45			7	54	12	66				
08:00			42	37	79		20:00			9	11	20					
08:15			35	46	81		20:15			20	17	37					
08:30			44	59	103		20:30			16	12	28					
08:45			67	188	31	173	20:45			8	53	10	50				
09:00			23	26	49		21:00			5	13	18					
09:15			22	22	44		21:15			7	14	21					
09:30			11	34	45		21:30			9	12	21					
09:45			19	75	30	112	21:45			11	32	4	43				
10:00			20	24	44		22:00			5	7	12					
10:15			13	23	36		22:15			3	10	13					
10:30			16	29	45		22:30			2	10	12					
10:45			17	66	24	100	22:45			2	12	6	33				
11:00			15	23	38		23:00			2	2	4					
11:15			12	26	38		23:15			6	4	10					
11:30			14	28	42		23:30			2	3	5					
11:45			17	58	33	110	23:45			3	13	3	12				
TOTALS			825	828	1653		TOTALS			780	1462	2242					
SPLIT %			49.9%	50.1%	42.4%		SPLIT %			34.8%	65.2%	57.6%					

DAILY TOTALS					NB	SB						EB	WB						Total
					0	0						1,605	2,290						3,895
AM Peak Hour			08:00	07:45	08:00		PM Peak Hour			12:45	16:15	16:15							
AM Pk Volume			188	176	361		PM Pk Volume			128	233	316							
Pk Hr Factor			0.701	0.746	0.876		Pk Hr Factor			0.865	0.925	0.963							
7 - 9 Volume	0	0	338	312	650		4 - 6 Volume	0	0	169	449	618							
7 - 9 Peak Hour			08:00	07:45	08:00		4 - 6 Peak Hour			17:00	16:15	16:15							
7 - 9 Pk Volume	0	0	188	176	361		4 - 6 Pk Volume	0	0	90	233	316							
Pk Hr Factor	0.000	0.000	0.701	0.746	0.876		Pk Hr Factor	0.000	0.000	0.865	0.925	0.963							

Riverside Drive

Valle Vista Road to Riverford Road
1.02 miles



SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE

COMMITTEE REPORT OF: March 10, 2022

Item 2-B

SUPERVISORIAL DISTRICT: 2

SUBJECT: Radar Certification

LOCATION: Riverside Drive from Valle Vista Road/Lakeside Avenue to Riverford Road (a distance of 1.02 miles)
LAKESIDE FARMS (Thos. Bros. 1231-J2)

INITIATED BY: DPW Traffic Engineering

REQUEST: Radar Recertification

PROBLEM AS STATED BY REQUESTER:

Riverside Drive from Valle Vista Road/Lakeside Avenue to Riverford Road is currently posted with a 45 MPH, radar enforced, speed limit. A preliminary review of prevailing speeds and roadway conditions could support radar certification of the 45 MPH speed limit.

Existing Traffic Devices

This segment of Riverside Drive is a striped 2-lane divided highway that is 70 feet wide. The roadway is striped with a two-way left turn lane and white edgeline. The road is posted with school zone signage and signal ahead signs. Riverside Drive is classified as a Major Road on the County General Plan Mobility Element Network. The road is posted with a 45 MPH, radar enforced, speed limit.

Average Daily Traffic Volumes

Riverside Drive:

150' W/o Palm Row Drive

150' E/o Lakeside Avenue

01/23

13,656

9,094

04/16

14,225

Speed Data

Riverside Drive:

At Vista Camino

**85th
Percentile**

(2023) 48.7 MPH

(2016) 45.0 MPH

**10 MPH
Pace**

40-49

37-46

**% in
Pace**

72.0%

86.0%

Collision Data

There have been 10 reported collisions, 4 of which involved an injury, along this segment of roadway in a 3-year period (2019-11-01 to 2022-10-31). These collisions result in a segment accident rate of 0.79 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.

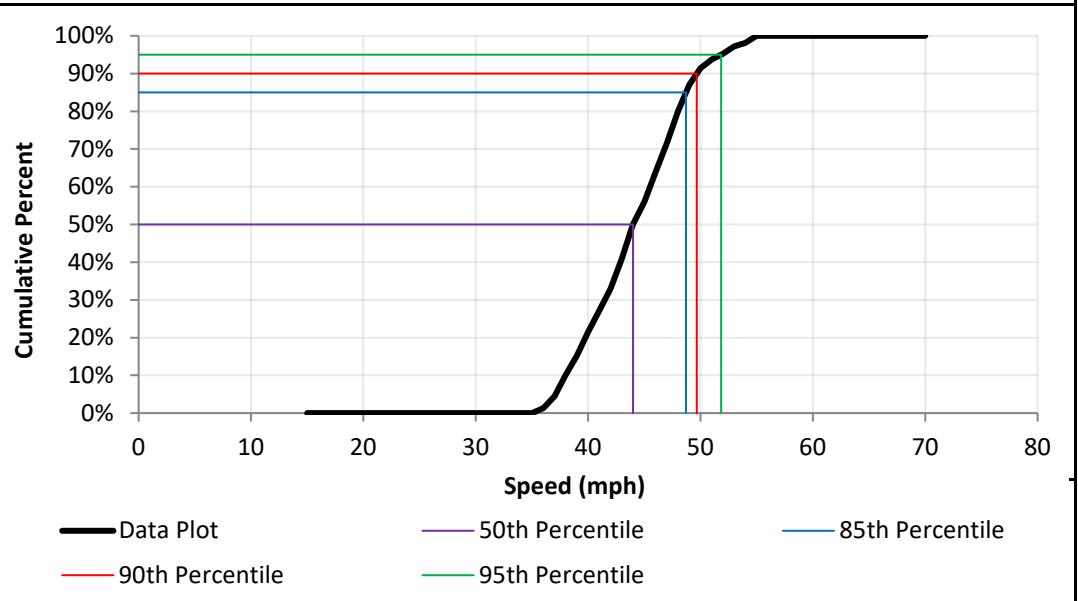
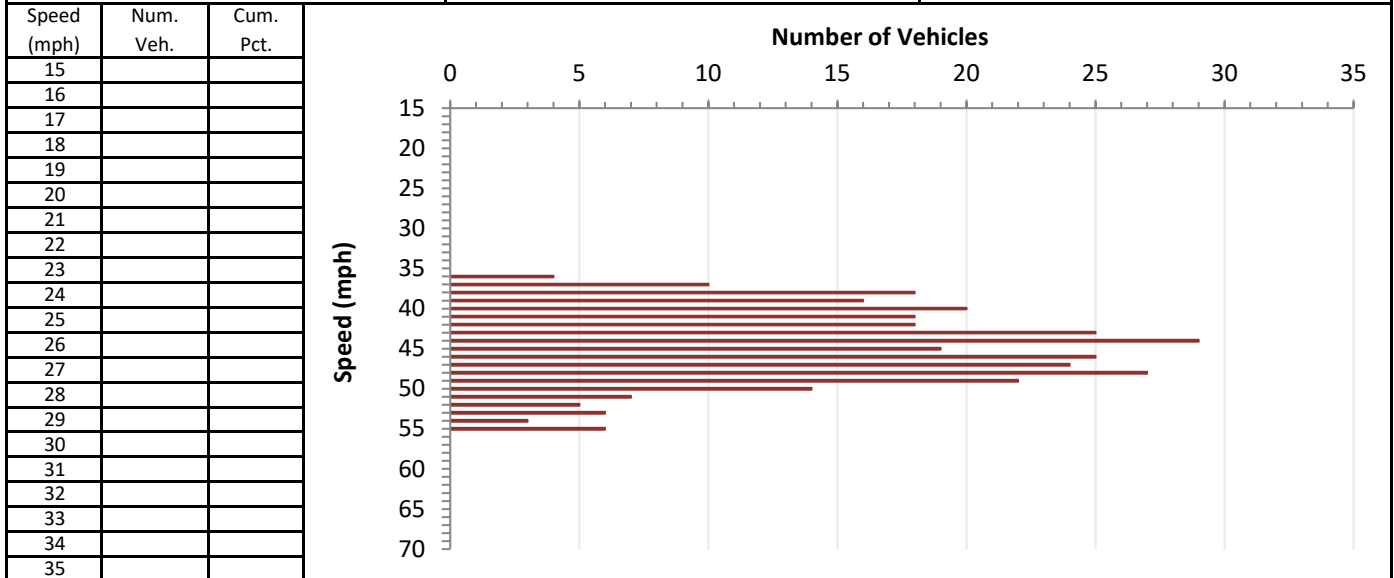


RADAR SPEED SURVEY

SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

Road Name:	Riverside Dr	From: Lakeside Av	To: Riverdford Rd
Position:	@ Vista Camino	Direction:	EB/WB

Date:	1/18/2023	Weather:	Clear	Project Number:	23-040014-012
Time Start:	9:00 AM	Road Condition:	Dry	Observer:	Contractor
Time End:	11:00 AM	Posted Speed:	45 MPH	Calibration Test:	Y



DATA ANALYSIS

Average Speed	44.6	Range	36 - 55
50th Percentile	44.0	10 mph Pace	40 - 49
85th Percentile	48.7	Number in Pace	227
90th Percentile	49.7	Percent in Pace	72%
95th Percentile	51.8		

VOLUME

Riverside Dr E/O 150' Lakeside Ave

Day: Wednesday

Date: 1/18/2023

City: Lakeside

Project #: CA23_040013_008

DAILY TOTALS					NB	SB						EB	WB	Total	
					0	0						4,620	4,474	9,094	
AM Period	NB	SB	EB	WB	TOTAL		PM Period	NB	SB	EB	WB	TOTAL			
00:00			2	4	6		12:00			99	70	169			
00:15			4	8	12		12:15			58	69	127			
00:30			6	3	9		12:30			62	140	202			
00:45			2	14	2	17	12:45			99	318	119	398	218	716
01:00			2	3	5		13:00			154	106	260			
01:15			2	3	5		13:15			110	80	190			
01:30			1	2	3		13:30			73	79	152			
01:45			3	8	3	11	13:45			75	412	70	335	145	747
02:00			1	1	2		14:00			82	63	145			
02:15			2	2	4		14:15			70	75	145			
02:30			3	2	5		14:30			72	70	142			
02:45			1	7	1	6	14:45			87	311	84	292	171	603
03:00			2	3	5		15:00			84	89	173			
03:15			2	5	7		15:15			99	85	184			
03:30			4	2	6		15:30			120	93	213			
03:45			5	13	4	14	15:45			105	408	105	372	210	780
04:00			5	4	9		16:00			119	95	214			
04:15			8	3	11		16:15			104	120	224			
04:30			15	7	22		16:30			121	84	205			
04:45			15	43	5	19	16:45			88	432	87	386	175	818
05:00			9	13	22		17:00			104	83	187			
05:15			24	20	44		17:15			104	102	206			
05:30			23	20	43		17:30			62	81	143			
05:45			24	80	34	87	17:45			67	337	73	339	140	676
06:00			30	33	63		18:00			64	74	138			
06:15			33	31	64		18:15			61	58	119			
06:30			53	46	99		18:30			46	43	89			
06:45			34	150	56	166	18:45			47	218	45	220	92	438
07:00			53	70	123		19:00			44	36	80			
07:15			76	55	131		19:15			35	35	70			
07:30			77	87	164		19:30			46	34	80			
07:45			110	316	82	294	19:45			26	151	35	140	61	291
08:00			82	90	172		20:00			48	38	86			
08:15			87	135	222		20:15			36	31	67			
08:30			156	177	333		20:30			31	20	51			
08:45			131	456	134	536	20:45			28	143	21	110	49	253
09:00			92	62	154		21:00			28	28	56			
09:15			50	51	101		21:15			23	17	40			
09:30			44	49	93		21:30			12	13	25			
09:45			55	241	45	207	21:45			10	73	9	67	19	140
10:00			44	52	96		22:00			9	5	14			
10:15			45	55	100		22:15			7	9	16			
10:30			63	40	103		22:30			6	10	16			
10:45			52	204	43	190	22:45			5	27	8	32	13	59
11:00			49	54	103		23:00			6	12	18			
11:15			65	50	115		23:15			7	3	10			
11:30			56	53	109		23:30			6	10	16			
11:45			62	232	51	208	23:45			7	26	3	28	10	54
TOTALS			1764	1755	3519		TOTALS			2856	2719	5575			
SPLIT %			50.1%	49.9%	38.7%		SPLIT %			51.2%	48.8%	61.3%			

DAILY TOTALS					NB	SB						EB	WB	Total	
					0	0						4,620	4,474	9,094	
AM Peak Hour			08:15	08:00	08:00		PM Peak Hour			15:45	12:30	12:30			
AM Pk Volume			466	536	992		PM Pk Volume			449	445	870			
Pk Hr Factor			0.747	0.757	0.745		Pk Hr Factor			0.928	0.795	0.837			
7 - 9 Volume	0	0	772	830	1602		4 - 6 Volume	0	0	769	725	1494			
7 - 9 Peak Hour			08:00	08:00	08:00		4 - 6 Peak Hour			16:00	16:00	16:00			
7 - 9 Pk Volume	0	0	456	536	992		4 - 6 Pk Volume	0	0	432	386	818			
Pk Hr Factor	0.000	0.000	0.731	0.757	0.745		Pk Hr Factor	0.000	0.000	0.893	0.804	0.913			

VOLUME

Riverside Dr W/O 150' Palm Row Dr

Day: Wednesday

Date: 1/18/2023

City: Lakeside

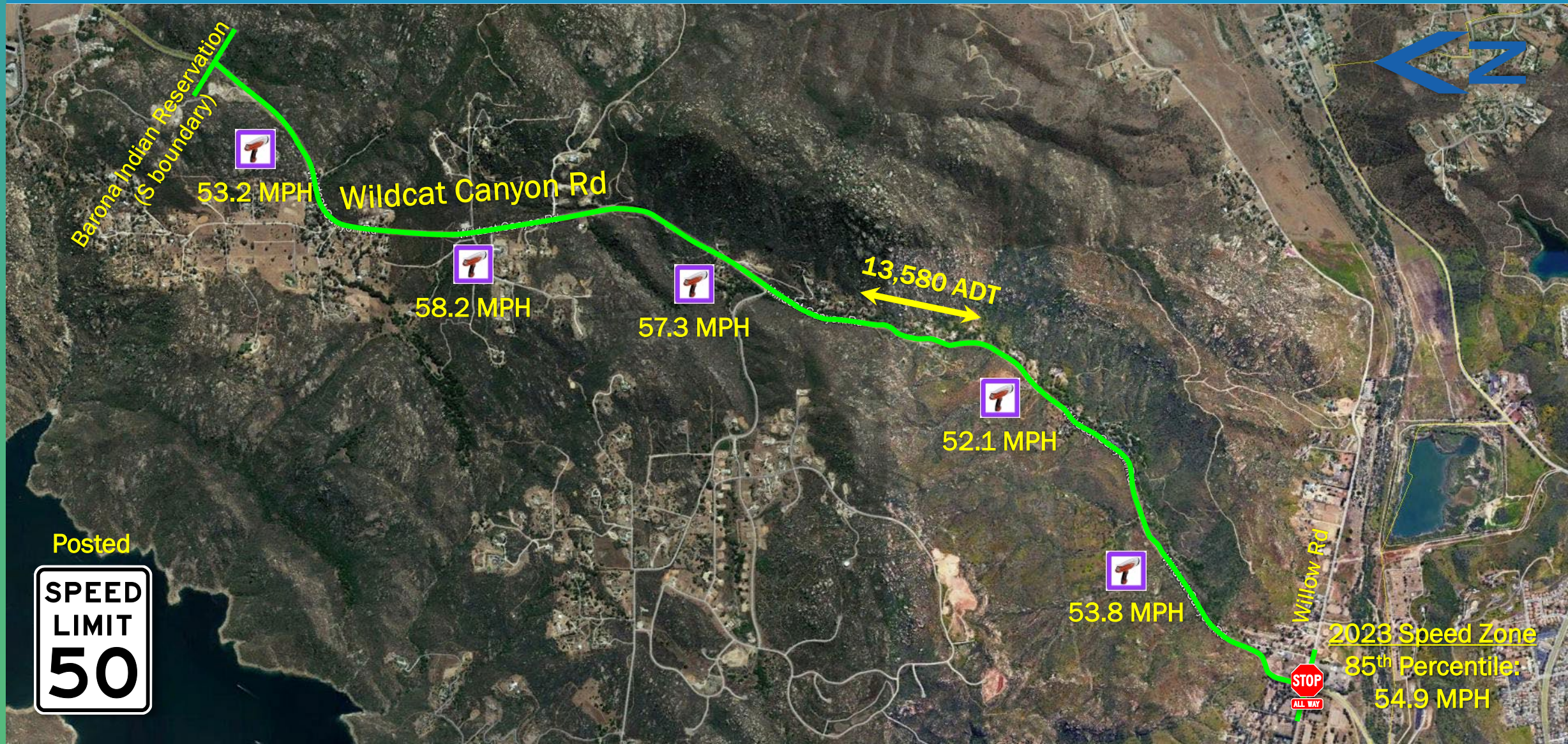
Project #: CA23_040013_009

DAILY TOTALS					NB	SB						EB	WB	Total	
					0	0						6,622	7,034	13,656	
AM Period	NB	SB	EB	WB	TOTAL		PM Period	NB	SB	EB	WB	TOTAL			
00:00			10	4	14		12:00			116	95	211			
00:15			9	4	13		12:15			97	95	192			
00:30			10	2	12		12:30			109	96	205			
00:45			2	31	4	14	12:45			118	440	114	400	232	840
01:00			1	5	6		13:00			117	162	279			
01:15			6	3	9		13:15			126	151	277			
01:30			5	2	7		13:30			119	99	218			
01:45			2	14	4	14	13:45			120	482	119	531	239	1013
02:00			3	1	4		14:00			125	103	228			
02:15			3	6	9		14:15			126	116	242			
02:30			5	3	8		14:30			124	109	233			
02:45			3	14	3	13	14:45			144	519	130	458	274	977
03:00			2	2	4		15:00			140	128	268			
03:15			2	6	8		15:15			126	134	260			
03:30			6	4	10		15:30			183	149	332			
03:45			5	15	9	21	15:45			156	605	159	570	315	1175
04:00			8	11	19		16:00			179	152	331			
04:15			8	12	20		16:15			177	180	357			
04:30			13	16	29		16:30			172	174	346			
04:45			16	45	25	64	16:45			141	669	171	677	312	1346
05:00			13	37	50		17:00			160	110	270			
05:15			24	48	72		17:15			167	171	338			
05:30			21	44	65		17:30			126	158	284			
05:45			29	87	61	190	17:45			138	591	132	571	270	1162
06:00			30	77	107		18:00			100	102	202			
06:15			41	83	124		18:15			104	74	178			
06:30			54	107	161		18:30			75	67	142			
06:45			55	180	112	379	18:45			90	369	61	304	151	673
07:00			63	153	216		19:00			84	38	122			
07:15			88	142	230		19:15			80	40	120			
07:30			90	169	259		19:30			51	29	80			
07:45			127	368	144	608	19:45			78	293	40	147	118	440
08:00			126	142	268		20:00			60	33	93			
08:15			126	140	266		20:15			54	29	83			
08:30			153	163	316		20:30			46	20	66			
08:45			103	508	208	653	20:45			39	199	23	105	62	304
09:00			89	127	216		21:00			47	22	69			
09:15			72	89	161		21:15			40	21	61			
09:30			56	111	167		21:30			32	20	52			
09:45			76	293	117	444	21:45			28	147	14	77	42	224
10:00			69	86	155		22:00			24	29	53			
10:15			62	96	158		22:15			22	17	39			
10:30			89	91	180		22:30			9	9	18			
10:45			86	306	92	365	22:45			20	75	3	58	23	133
11:00			73	104	177		23:00			8	8	16			
11:15			82	73	155		23:15			10	2	12			
11:30			93	88	181		23:30			10	7	17			
11:45			89	337	86	351	23:45			7	35	3	20	10	55
TOTALS			2198	3116	5314		TOTALS			4424	3918	8342			
SPLIT %			41.4%	58.6%	38.9%		SPLIT %			53.0%	47.0%	61.1%			

DAILY TOTALS					NB	SB						EB	WB	Total	
					0	0						6,622	7,034	13,656	
AM Peak Hour			07:45	08:00	08:00		PM Peak Hour			15:30	16:00	15:45			
AM Pk Volume			532	653	1161		PM Pk Volume			695	677	1349			
Pk Hr Factor			0.869	0.785	0.919		Pk Hr Factor			0.949	0.940	0.945			
7 - 9 Volume	0	0	876	1261	2137		4 - 6 Volume	0	0	1260	1248	2508			
7 - 9 Peak Hour			07:45	08:00	08:00		4 - 6 Peak Hour			16:00	16:00	16:00			
7 - 9 Pk Volume	0	0	532	653	1161		4 - 6 Pk Volume	0	0	669	677	1346			
Pk Hr Factor	0.000	0.000	0.869	0.785	0.919		Pk Hr Factor	0.000	0.000	0.934	0.940	0.943			

Wildcat Canyon Road

Willow Rd to Barona Indian Reservation (south boundary)
4.31 miles



SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE

COMMITTEE REPORT OF: March 10, 2022

Item 2-C

SUPERVISORIAL DISTRICT: 2

SUBJECT: Radar Certification

LOCATION: Wildcat Canyon Road from Willow Road/Ashwood Street to the Barona Indian Reservation southern boundary (a distance of 4.31 miles) LAKESIDE/BARONA (Thos. Bros. 1232-C1)

INITIATED BY: DPW Traffic Engineering

REQUEST: Radar Recertification

PROBLEM AS STATED BY REQUESTER:

Wildcat Canyon Road from Willow Road/Ashwood Street to the Barona Indian Reservation southern boundary is currently posted with a 50 MPH, radar enforced, speed limit. A preliminary review of prevailing speeds and roadway conditions could support radar certification of the 50 MPH speed limit.

Existing Traffic Devices

This segment of Wildcat Canyon Road is a striped 2-lane undivided highway that is 23 to 74 feet wide. The roadway is striped with a no passing centerline and white edgeline. The road is posted with multiple speed advised curve and turn warnings, stop bus stop advisory signs, and watch downhill speed signs. Wildcat Canyon Road is classified as a Community Collector on the County General Plan Mobility Element Network. The road is posted with a 50 MPH, radar enforced, speed limit.

Average Daily Traffic Volumes

	<u>02/23</u>	<u>02/16</u>
Wildcat Canyon Road:		
200' S/o Old Barona Road	13,126	16,110
700' N/o Willow Road	14,033	

<u>Speed Data</u>	<u>85th Percentile</u>	<u>10 MPH Pace</u>	<u>% in Pace</u>
Wildcat Canyon Road:			
1,640' S/o Stelzer Park S Entrance(2023)	53.8 MPH	45-54	67.0%
(2016)	53.0 MPH	45-54	76.0%
1,900' N/o Stelzer Park N Entrance(2023)	52.1 MPH	42-51	74.0%
1,170' N/o Muth Valley Road (2023)	57.3 MPH	42-51	51.0%
(2016)	58.0 MPH	46-55	56.0%

At Shenma Rd	(2023)	58.2 MPH	47-56	67.0%
At Mile Post 5.0	(2023)	53.2 MPH	42-51	68.0%
	(2016)	54.0 MPH	42-51	64.0%
Speed Zone	(2023)	54.9 MPH	44-53	65.4%
	(2016)	54.3 MPH	44-53	64.0%

Collision Data

There have been 61 reported collisions, 22 of which involved an injury, along this segment of roadway in a 3-year period (2019-11-01 to 2022-10-31). These collisions result in a segment accident rate of 0.95 collisions per million vehicle miles. The statewide average is 1.29 collisions per million vehicle miles for similar rolling rural, conventional 2 lanes or less, roads with speeds less than or equal to 55 MPH.

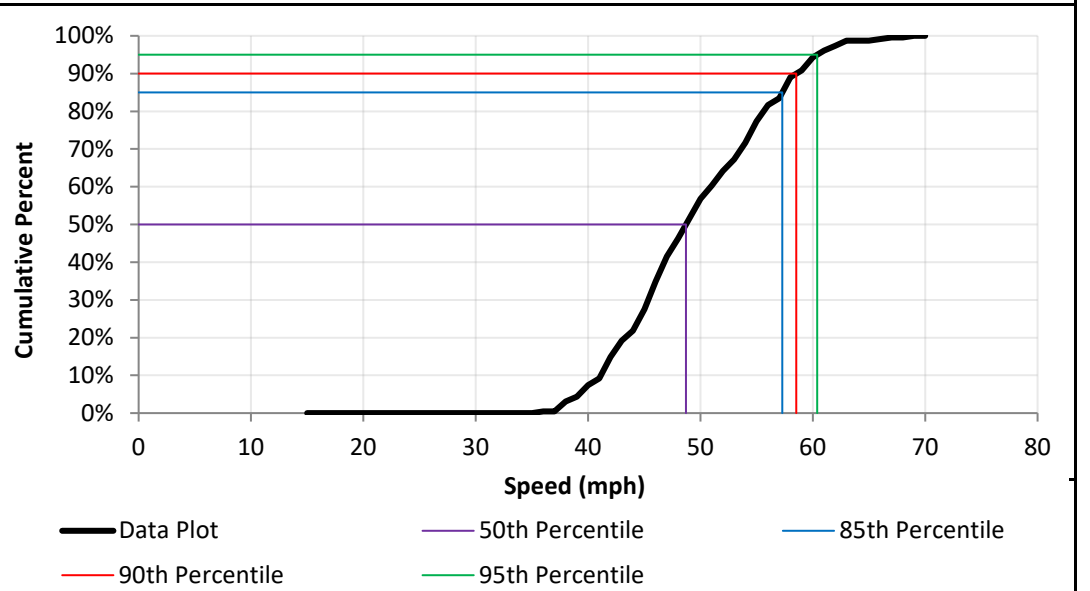
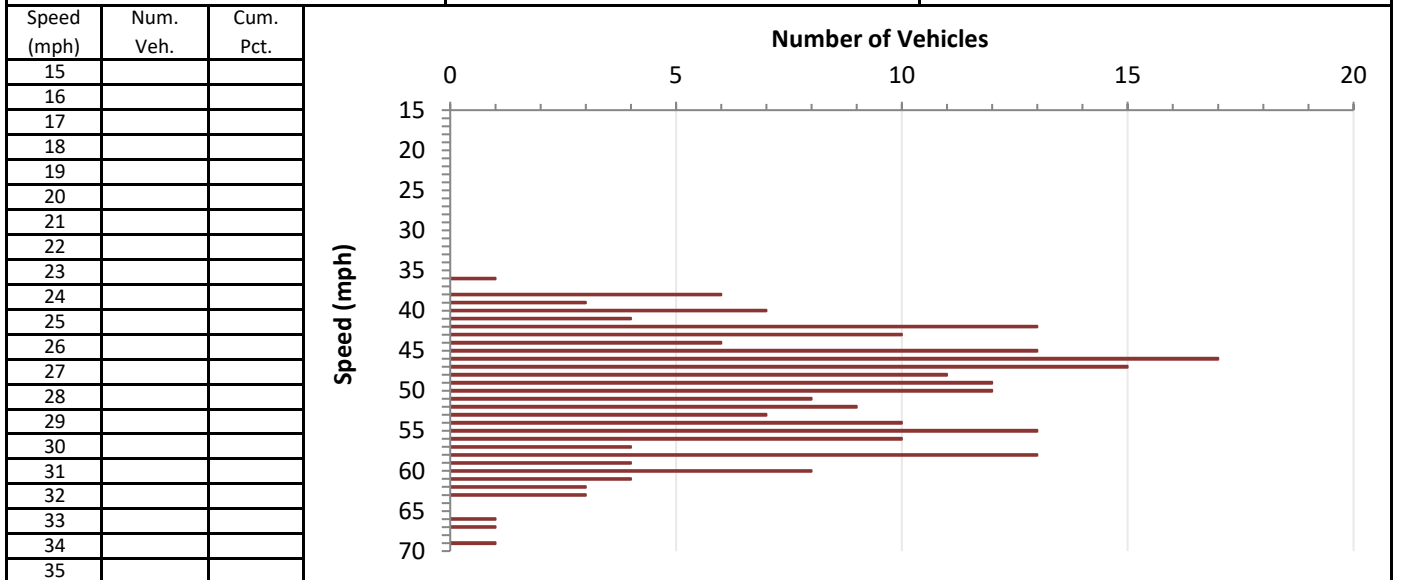


RADAR SPEED SURVEY

SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

Road Name:	Wildcat Canyon Rd	From:	Willow Rd	To:	Barona Indian Reservation (S E
Position:	1,170' N/o Muth Valley Rd	Direction:	NB/SB		

Date:	2/9/2023	Weather:	Clear	Project Number:	N/A
Time Start:	12:50 PM	Road Condition:	Dry	Observer:	County
Time End:	1:50 PM	Posted Speed:	50 MPH	Calibration Test:	Y



DATA ANALYSIS

Average Speed	49.9	Range	36 - 69
50th Percentile	48.7	10 mph Pace	42 - 51
85th Percentile	57.3	Number in Pace	117
90th Percentile	58.5	Percent in Pace	51%
95th Percentile	60.4		



RADAR SPEED SURVEY

SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

Road Name:	Wildcat Canyon Rd	From:	Willow Rd	To:	Barona Indian Reservation (S E
Position:	1,640' S/o Stelzer Park S Entrance	Direction:	NB/SB		

Date:	2/8/2023	Weather:	Clear	Project Number:	N/A
Time Start:	11:30 AM	Road Condition:	Dry	Observer:	County
Time End:	12:30 PM	Posted Speed:	50 MPH	Calibration Test:	Y

Speed (mph)	Num. Veh.	Cum. Pct.	Number of Vehicles	
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				
31				
32				
33				
34	1	0.4%		
35				
36	2	1.1%		
37	1	1.5%		
38	1	1.8%		
39	2	2.6%		
40	5	4.4%		
41	9	7.7%		
42	9	11.1%		
43	10	14.8%		
44	13	19.6%		
45	12	24.0%		
46	7	26.6%		
47	28	36.9%		
48	27	46.9%		
49	16	52.8%		
50	24	61.6%		
51	19	68.6%		
52	19	75.6%		
53	13	80.4%		
54	16	86.3%		
55	10	90.0%		
56	5	91.9%		
57	6	94.1%		
58	3	95.2%		
59	6	97.4%		
60				
61	3	98.5%		
62	2	99.3%		
63	1	99.6%		
64	1	100.0%		
65				
66				
67				
68				
69				
70				
Total	271			

— Data Plot — 50th Percentile — 85th Percentile
— 90th Percentile — 95th Percentile

DATA ANALYSIS			
Average Speed	49.1	Range	34 - 64
50th Percentile	48.5	10 mph Pace	45 - 54
85th Percentile	53.8	Number in Pace	181
90th Percentile	55.0	Percent in Pace	67%
95th Percentile	57.8		



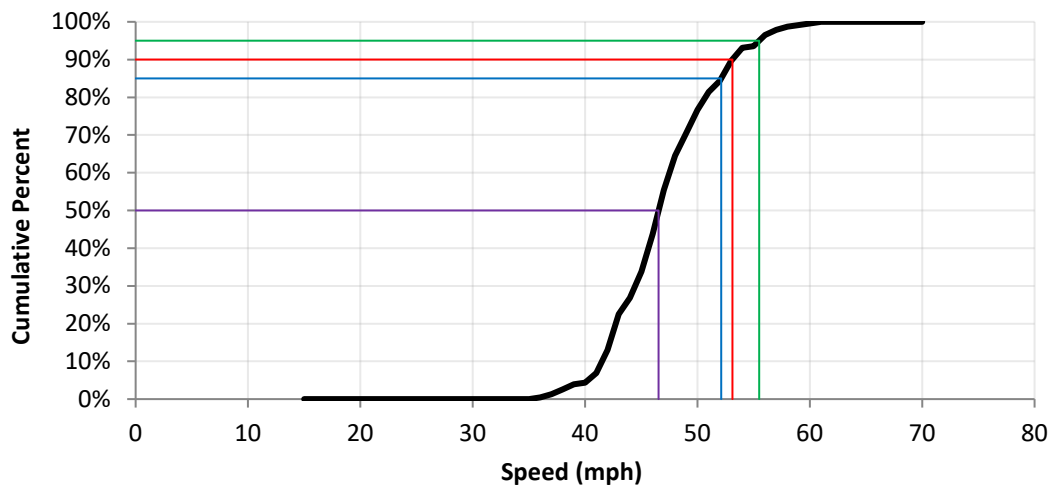
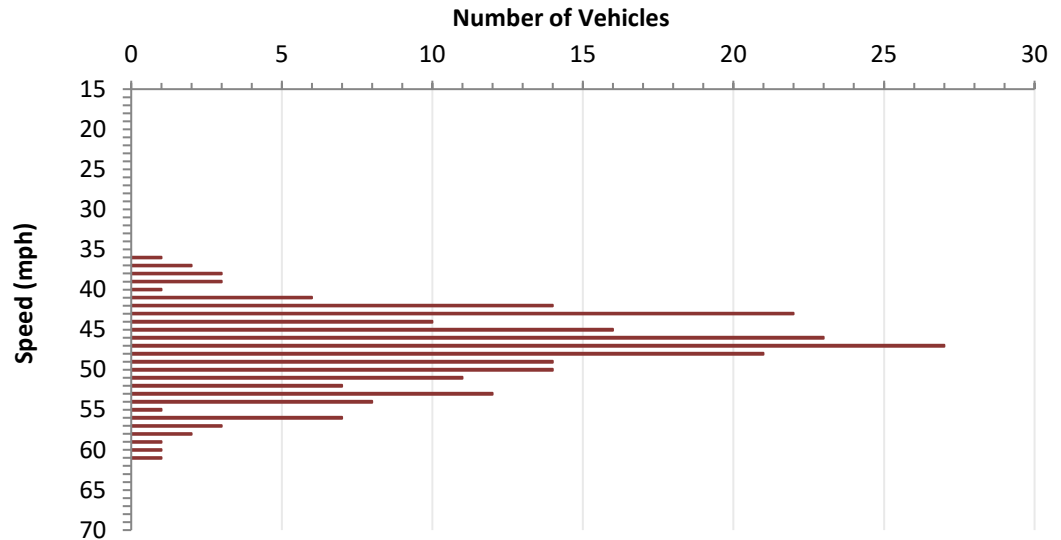
RADAR SPEED SURVEY

SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

Road Name:	Wildcat Canyon Rd	From:	Willow Rd	To:	Barona Indian Reservation
Position:	1,900' N/o Steltzer Park N Entrance	Direction:	NB/SB		

Date:	2/9/2023	Weather:	Clear	Project Number:	N/A
Time Start:	10:35 AM	Road Condition:	Dry	Observer:	County
Time End:	11:35 AM	Posted Speed:	50 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		
31		
32		
33		
34		
35		



— Data Plot — 50th Percentile — 85th Percentile
— 90th Percentile — 95th Percentile

DATA ANALYSIS

62		Average Speed	47.4	Range	36 - 61
63		50th Percentile	46.5	10 mph Pace	42 - 51
64		85th Percentile	52.1	Number in Pace	172
65		90th Percentile	53.1	Percent in Pace	74%
66		95th Percentile	55.5		
67					
68					
69					
70					
Total	231				



RADAR SPEED SURVEY

SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

Road Name:	Wildcat Canyon Rd	From:	Willow Rd	To:	Barona Indian Reservation (S E
Position:	at MP 5.0	Direction:	NB/SB		

Date:	2/15/2023	Weather:	Clear	Project Number:	N/A
Time Start:	10:10 AM	Road Condition:	Dry	Observer:	County
Time End:	11:10 AM	Posted Speed:	50 MPH	Calibration Test:	Y

Speed (mph)	Num. Veh.	Cum. Pct.	Number of Vehicles			
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						
31						
32						
33						
34	1	0.4%				
35						
36	1	0.8%				
37	2	1.5%				
38	3	2.7%				
39	2	3.4%				
40	5	5.4%				
41	5	7.3%				
42	16	13.4%				
43	9	16.9%				
44	15	22.6%				
45	13	27.6%				
46	18	34.5%				
47	20	42.1%				
48	20	49.8%				
49	28	60.5%				
50	21	68.6%				
51	17	75.1%				
52	10	78.9%				
53	14	84.3%				
54	8	87.4%				
55	8	90.4%				
56	9	93.9%				
57	3	95.0%				
58	4	96.6%				
59	4	98.1%				
60	3	99.2%				
61	1	99.6%				
62						
63						
64	1	100.0%				
65						
66						
67						
68						
69						
70						
Total	261					
			DATA ANALYSIS			
Average Speed			48.4	Range		34 - 64
50th Percentile			48.0	10 mph Pace		42 - 51
85th Percentile			53.2	Number in Pace		177
90th Percentile			54.9	Percent in Pace		68%
95th Percentile			57.0			



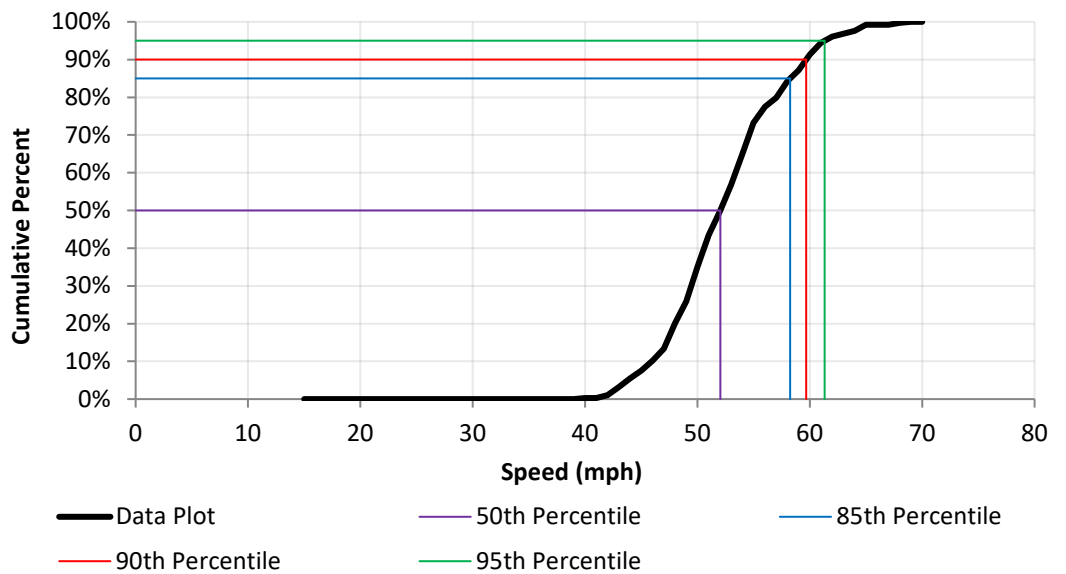
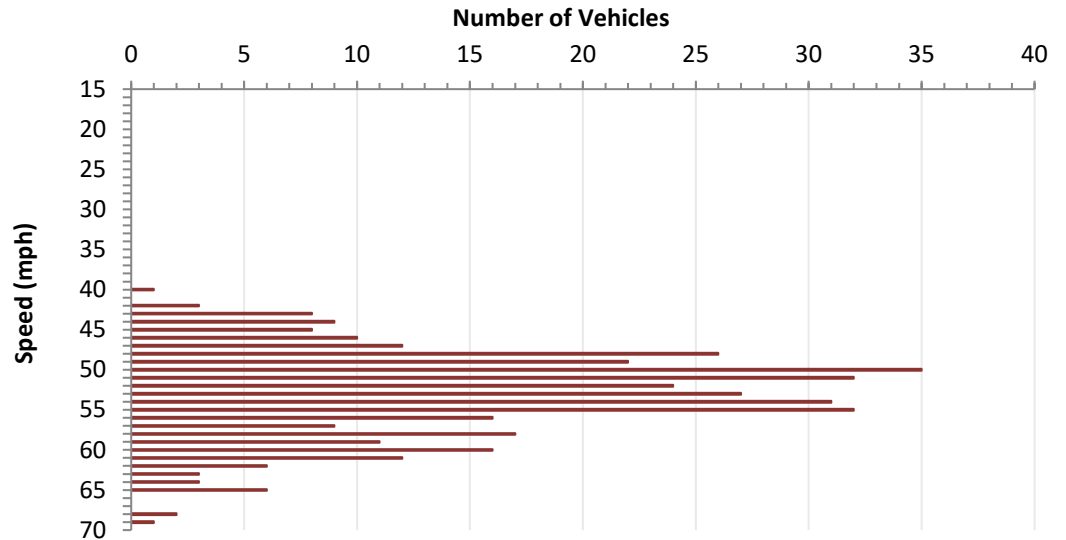
RADAR SPEED SURVEY

SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

Road Name:	Wildcat Canyon Rd	From:	Willow Rd	To:	Barona Indian Reservation (S E
Position:	@ Shenma Rd	Direction:	NB/SB		

Date:	2/8/2023	Weather:	Clear	Project Number:	23-040031-008
Time Start:	1:30 PM	Road Condition:	Dry	Observer:	Contractor
Time End:	3:30 PM	Posted Speed:	50 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		
31		
32		
33		
34		
35		
36		
37		
38		
39		
40	1	0.3%
41		
42	3	1.0%
43	8	3.1%
44	9	5.5%
45	8	7.6%
46	10	10.2%
47	12	13.4%
48	26	20.2%
49	22	25.9%
50	35	35.1%
51	32	43.5%
52	24	49.7%
53	27	56.8%
54	31	64.9%
55	32	73.3%
56	16	77.5%
57	9	79.8%
58	17	84.3%
59	11	87.2%
60	16	91.4%
61	12	94.5%
62	6	96.1%
63	3	96.9%
64	3	97.6%
65	6	99.2%
66		
67		
68	2	99.7%
69	1	100.0%
70		
Total	382	



DATA ANALYSIS

Average Speed	52.9	Range	40 - 69
50th Percentile	52.0	10 mph Pace	47 - 56
85th Percentile	58.2	Number in Pace	257
90th Percentile	59.7	Percent in Pace	67%
95th Percentile	61.3		

VOLUME

Wiidcat Canyon Rd 700' N/O Willow Rd

Day: Tuesday
Date: 2/7/2023City: Lakeside
Project #: CA23_040030_004

DAILY TOTALS					NB	SB						EB	WB	Total	
					6,974	7,059						0	0	14,033	
AM Period	NB	SB	EB	WB	TOTAL		PM Period	NB	SB	EB	WB	TOTAL			
00:00	18	64			82		12:00	86	62			148			
00:15	17	49			66		12:15	102	67			169			
00:30	23	52			75		12:30	82	70			152			
00:45	6	64	49	214	55	278	12:45	110	380	70	269	180	649		
01:00	6	53			59		13:00	96	92			188			
01:15	12	43			55		13:15	113	86			199			
01:30	13	18			31		13:30	110	92			202			
01:45	12	43	21	135	33	178	13:45	96	415	84	354	180	769		
02:00	8	31			39		14:00	115	109			224			
02:15	5	20			25		14:15	118	114			232			
02:30	6	22			28		14:30	127	121			248			
02:45	5	24	18	91	23	115	14:45	133	493	117	461	250	954		
03:00	6	27			33		15:00	148	132			280			
03:15	8	15			23		15:15	169	141			310			
03:30	5	27			32		15:30	148	111			259			
03:45	8	27	21	90	29	117	15:45	161	626	117	501	278	1127		
04:00	9	29			38		16:00	163	121			284			
04:15	12	22			34		16:15	156	139			295			
04:30	21	32			53		16:30	165	128			293			
04:45	12	54	37	120	49	174	16:45	140	624	123	511	263	1135		
05:00	16	51			67		17:00	174	96			270			
05:15	21	73			94		17:15	159	123			282			
05:30	27	70			97		17:30	167	99			266			
05:45	25	89	88	282	113	371	17:45	144	644	87	405	231	1049		
06:00	34	73			107		18:00	119	80			199			
06:15	44	109			153		18:15	124	105			229			
06:30	56	102			158		18:30	120	70			190			
06:45	57	191	141	425	198	616	18:45	91	454	58	313	149	767		
07:00	53	144			197		19:00	82	69			151			
07:15	59	144			203		19:15	96	63			159			
07:30	78	120			198		19:30	101	62			163			
07:45	73	263	144	552	217	815	19:45	87	366	51	245	138	611		
08:00	69	114			183		20:00	78	64			142			
08:15	68	100			168		20:15	89	55			144			
08:30	92	97			189		20:30	53	67			120			
08:45	95	324	83	394	178	718	20:45	58	278	72	258	130	536		
09:00	74	90			164		21:00	47	42			89			
09:15	77	81			158		21:15	63	58			121			
09:30	105	70			175		21:30	61	50			111			
09:45	98	354	62	303	160	657	21:45	49	220	57	207	106	427		
10:00	74	60			134		22:00	52	44			96			
10:15	78	55			133		22:15	49	56			105			
10:30	69	62			131		22:30	45	55			100			
10:45	78	299	54	231	132	530	22:45	32	178	69	224	101	402		
11:00	122	62			184		23:00	35	60			95			
11:15	91	59			150		23:15	38	57			95			
11:30	113	67			180		23:30	47	56			103			
11:45	96	422	59	247	155	669	23:45	22	142	54	227	76	369		
TOTALS	2154	3084			5238		TOTALS	4820	3975			8795			
SPLIT %	41.1%	58.9%			37.3%		SPLIT %	54.8%	45.2%			62.7%			

DAILY TOTALS					NB	SB						EB	WB	Total	
					6,974	7,059						0	0	14,033	
AM Peak Hour	11:00	07:00			07:00		PM Peak Hour	15:45	14:30			15:45			
AM Pk Volume	422	552			815		PM Pk Volume	645	511			1150			
Pk Hr Factor	0.865	0.958			0.939		Pk Hr Factor	0.977	0.906			0.975			
7 - 9 Volume	587	946	0	0	1533		4 - 6 Volume	1268	916	0	0	2184			
7 - 9 Peak Hour	08:00	07:00			07:00		4 - 6 Peak Hour	17:00	16:00			16:00			
7 - 9 Pk Volume	324	552	0	0	815		4 - 6 Pk Volume	644	511	0	0	1135			
Pk Hr Factor	0.853	0.958	0.000	0.000	0.939		Pk Hr Factor	0.925	0.919	0.000	0.000	0.962			

VOLUME

Wildcat Canyon Rd 200' S/O Old Barona Rd

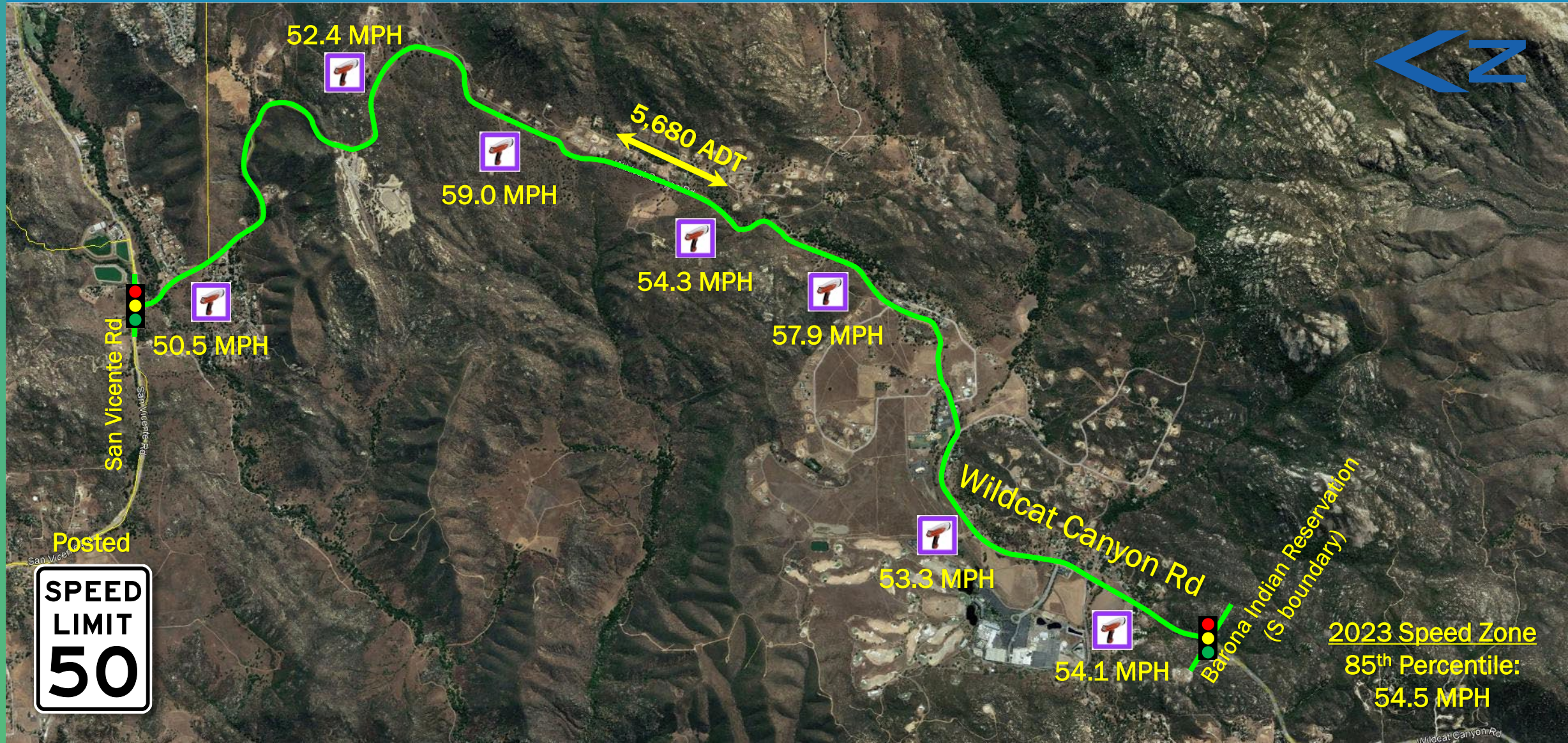
Day: Tuesday
Date: 2/7/2023City: Lakeside
Project #: CA23_040030_003

DAILY TOTALS					NB	SB	EB					WB	Total
					6,562	6,564						0	0
AM Period	NB	SB	EB	WB	TOTAL		PM Period	NB	SB	EB	WB	TOTAL	
00:00	21	58			79		12:00	75	53			128	
00:15	18	48			66		12:15	91	54			145	
00:30	19	50			69		12:30	89	55			144	
00:45	9	67	43	199	52	266	12:45	102	357	67	229	169	586
01:00	9	60			69		13:00	79	82			161	
01:15	9	34			43		13:15	130	83			213	
01:30	11	15			26		13:30	92	84			176	
01:45	17	46	23	132	40	178	13:45	83	384	78	327	161	711
02:00	7	30			37		14:00	110	97			207	
02:15	6	19			25		14:15	118	115			233	
02:30	6	18			24		14:30	106	125			231	
02:45	5	24	26	93	31	117	14:45	133	467	93	430	226	897
03:00	4	16			20		15:00	141	125			266	
03:15	6	26			32		15:15	144	125			269	
03:30	8	19			27		15:30	145	99			244	
03:45	7	25	16	77	23	102	15:45	168	598	105	454	273	1052
04:00	12	15			27		16:00	149	130			279	
04:15	14	18			32		16:15	147	138			285	
04:30	15	34			49		16:30	145	117			262	
04:45	17	58	42	109	59	167	16:45	143	584	104	489	247	1073
05:00	16	55			71		17:00	141	108			249	
05:15	13	69			82		17:15	157	102			259	
05:30	35	61			96		17:30	145	84			229	
05:45	18	82	89	274	107	356	17:45	141	584	83	377	224	961
06:00	35	72			107		18:00	125	84			209	
06:15	39	112			151		18:15	99	85			184	
06:30	37	107			144		18:30	122	58			180	
06:45	44	155	122	413	166	568	18:45	95	441	63	290	158	731
07:00	51	133			184		19:00	79	52			131	
07:15	53	135			188		19:15	83	62			145	
07:30	68	126			194		19:30	91	61			152	
07:45	74	246	114	508	188	754	19:45	98	351	52	227	150	578
08:00	62	123			185		20:00	69	59			128	
08:15	64	81			145		20:15	82	54			136	
08:30	76	93			169		20:30	41	67			108	
08:45	83	285	69	366	152	651	20:45	53	245	62	242	115	487
09:00	58	88			146		21:00	48	41			89	
09:15	70	65			135		21:15	53	52			105	
09:30	90	71			161		21:30	68	49			117	
09:45	87	305	39	263	126	568	21:45	44	213	51	193	95	406
10:00	67	67			134		22:00	50	51			101	
10:15	92	50			142		22:15	52	52			104	
10:30	86	44			130		22:30	40	70			110	
10:45	81	326	49	210	130	536	22:45	35	177	63	236	98	413
11:00	126	47			173		23:00	39	54			93	
11:15	89	58			147		23:15	26	60			86	
11:30	98	49			147		23:30	52	43			95	
11:45	88	401	57	211	145	612	23:45	24	141	58	215	82	356
TOTALS	2020	2855			4875		TOTALS	4542	3709			8251	
SPLIT %	41.4%	58.6%			37.1%		SPLIT %	55.0%	45.0%			62.9%	

DAILY TOTALS			NB	SB	EB			WB	Total			
			6,562	6,564				0				0
AM Peak Hour	11:00	06:45			07:15		PM Peak Hour	15:30	15:45			15:45
AM Pk Volume	401	516			755		PM Pk Volume	609	490			1099
Pk Hr Factor	0.796	0.956			0.973		Pk Hr Factor	0.906	0.888			0.964
7 - 9 Volume	531	874	0	0	1405		4 - 6 Volume	1168	866	0	0	2034
7 - 9 Peak Hour	08:00	07:00			07:15		4 - 6 Peak Hour	16:30	16:00			16:00
7 - 9 Pk Volume	285	508	0	0	755		4 - 6 Pk Volume	586	489	0	0	1073
Pk Hr Factor	0.858	0.941	0.000	0.000	0.973		Pk Hr Factor	0.933	0.886	0.000	0.000	0.941

Wildcat Canyon Road

Barona Indian Reservation (south boundary) to San Vicente Road
7.86 miles



SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE

COMMITTEE REPORT OF: March 10, 2022

Item 2-D

SUPERVISORIAL DISTRICT: 2

SUBJECT: Radar Certification

LOCATION: Wildcat Canyon Road from the Barona Indian Reservation southern boundary to San Vicente Road (a distance of 7.86 miles) BARONA/SAN DIEGO COUNTRY ESTATES (Thos. Bros. 1212-G1)

INITIATED BY: DPW Traffic Engineering

REQUEST: Radar Recertification

PROBLEM AS STATED BY REQUESTER:

Wildcat Canyon Road from the Barona Indian Reservation southern boundary to San Vicente Road is currently posted with a 50 MPH, radar enforced, speed limit. A preliminary review of prevailing speeds and roadway conditions could support radar certification of the 50 MPH speed limit.

Existing Traffic Devices

This segment of Wildcat Canyon Road is a striped 2-lane undivided highway that is 23 to 60 feet wide. The roadway is striped with a no passing centerline and white edgeline. The road is posted with multiple speed advised curve and turn warnings, bus stop advisory signs, dip advisory signage, emergency vehicle advisory signs, intersection advisory signs, and school zone signage. There is a signalized intersection at Founders Way (the Barona Casino entrance). Wildcat Canyon Road is classified as a Community Collector on the County General Plan Mobility Element Network. The road is posted with a 50 MPH, radar enforced, speed limit.

Average Daily Traffic Volumes

	<u>02/23</u>	<u>02/16</u>
Wildcat Canyon Road:		
250' S/o Featherstone Canyon Road	5,786	6,340
300' S/o San Vicente Road	5,573	

<u>Speed Data</u>		<u>85th Percentile</u>	<u>10 MPH Pace</u>	<u>% in Pace</u>
Wildcat Canyon Road:				
930' S/o Mile Post 6.0	(2023)	54.1 MPH	46-55	81.0%
	(2016)	54.0 MPH	45-54	62.0%
1,300' S/o Mile Post 7.0	(2023)	53.3 MPH	45-54	81.0%
1,310' S/o Featherstone Cyn Rd	(2023)	57.9 MPH	48-57	70.0%

	(2016)	54.0 MPH	46-55	72.0%
At Mile Post 9.0	(2023)	54.3 MPH	46-55	74.0%
	(2016)	54.0 MPH	45-54	61.0%
100' S/o Ketuull Uunyaa Wy	(2023)	59.0 MPH	50-59	75.0%
At Mile Post 11.0	(2023)	52.4 MPH	44-53	68.0%
At Little Klondike Road	(2023)	50.5 MPH	40-49	66.0%
	(2016)	54.0 MPH	45-54	81.0%
Speed Zone	(2023)	54.5 MPH	46-55	73.6%
	(2016)	54.3 MPH	45-54	64.0%

Collision Data

There have been 92 reported collisions, 52 of which involved an injury, along this segment of roadway in a 3-year period (2019-11-01 to 2022-10-31). These collisions result in a segment accident rate of 1.89 collisions per million vehicle miles. The statewide average is 1.31 collisions per million vehicle miles for similar rolling rural, conventional 2 lanes or less, roads with speeds less than or equal to 55 MPH.



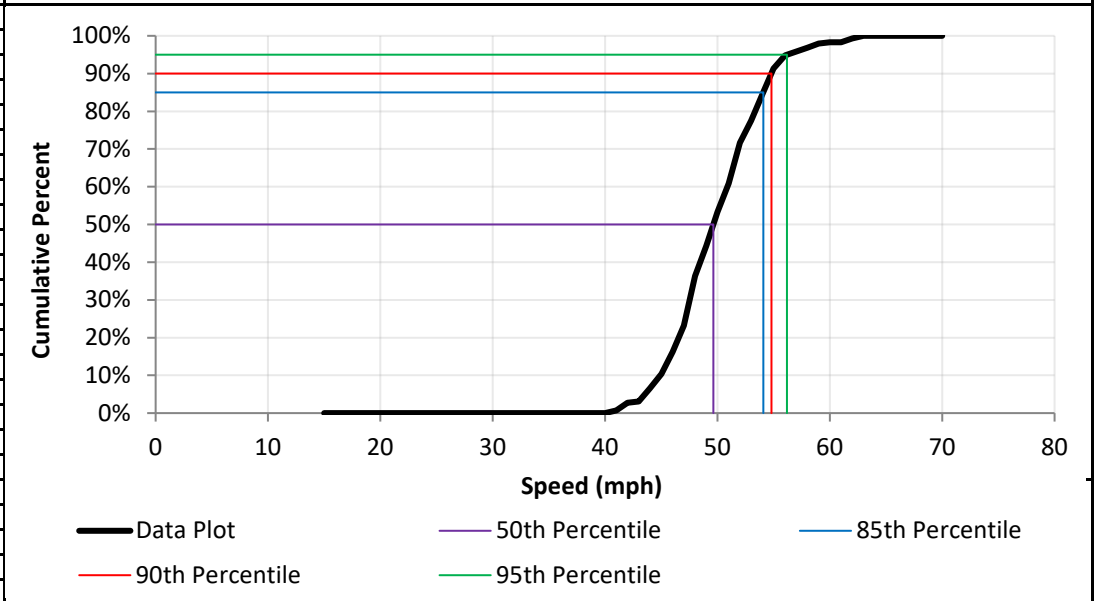
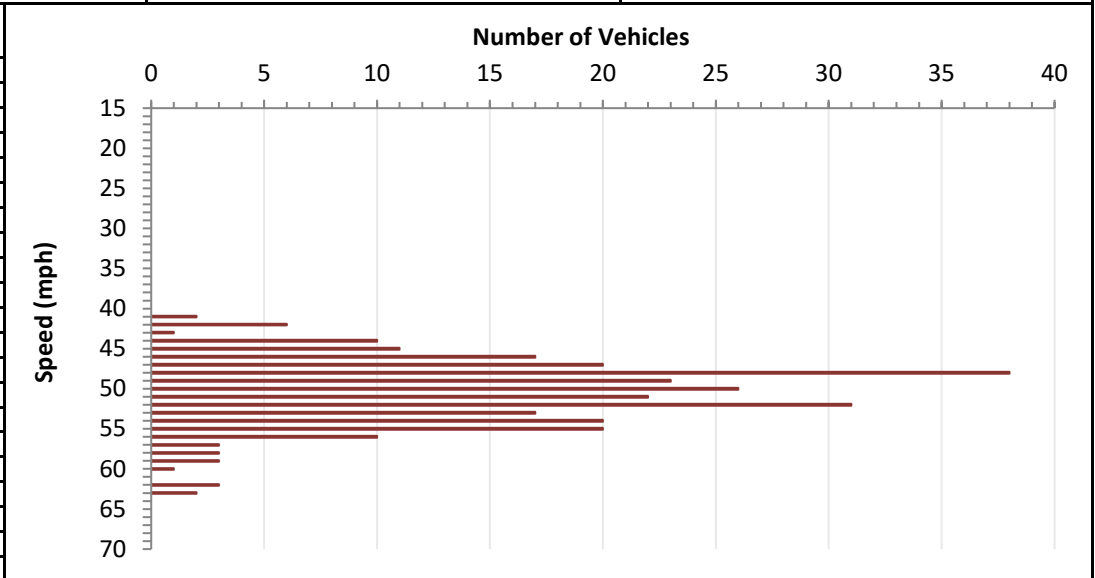
RADAR SPEED SURVEY

SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

Road Name:	Wildcat Canyon Rd	From:	Barona Indian Resevation (S Bound	To:	San Vicente Rd
Position:	930' S/o MP 6.0	Direction:	NB/SB		

Date:	2/8/2023	Weather:	Clear	Project Number:	23-040031-007
Time Start:	11:30 AM	Road Condition:	Dry	Observer:	Contractor
Time End:	1:30 PM	Posted Speed:	50 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		
31		
32		
33		
34		
35		
36		
37		
38		
39		
40		
41	2	0.7%
42	6	2.8%
43	1	3.1%
44	10	6.6%
45	11	10.4%
46	17	16.3%
47	20	23.2%
48	38	36.3%
49	23	44.3%
50	26	53.3%
51	22	60.9%
52	31	71.6%
53	17	77.5%
54	20	84.4%
55	20	91.3%
56	10	94.8%
57	3	95.8%
58	3	96.9%
59	3	97.9%
60	1	98.3%
61		
62	3	99.3%
63	2	100.0%
64		
65		
66		
67		
68		
69		
70		
Total	289	



DATA ANALYSIS

Average Speed	50.4	Range	41 - 63
50th Percentile	49.6	10 mph Pace	46 - 55
85th Percentile	54.1	Number in Pace	234
90th Percentile	54.8	Percent in Pace	81%
95th Percentile	56.2		



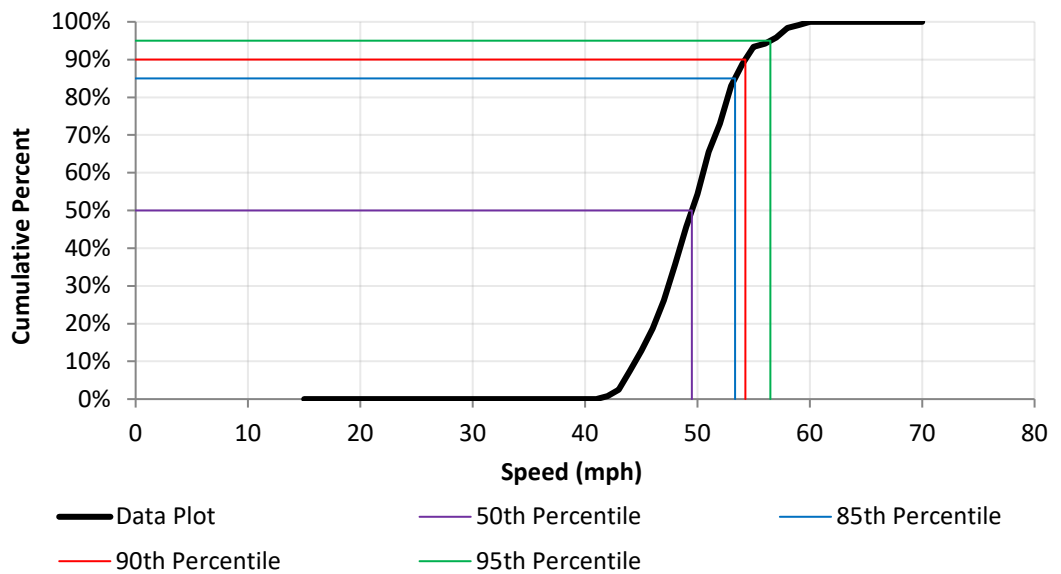
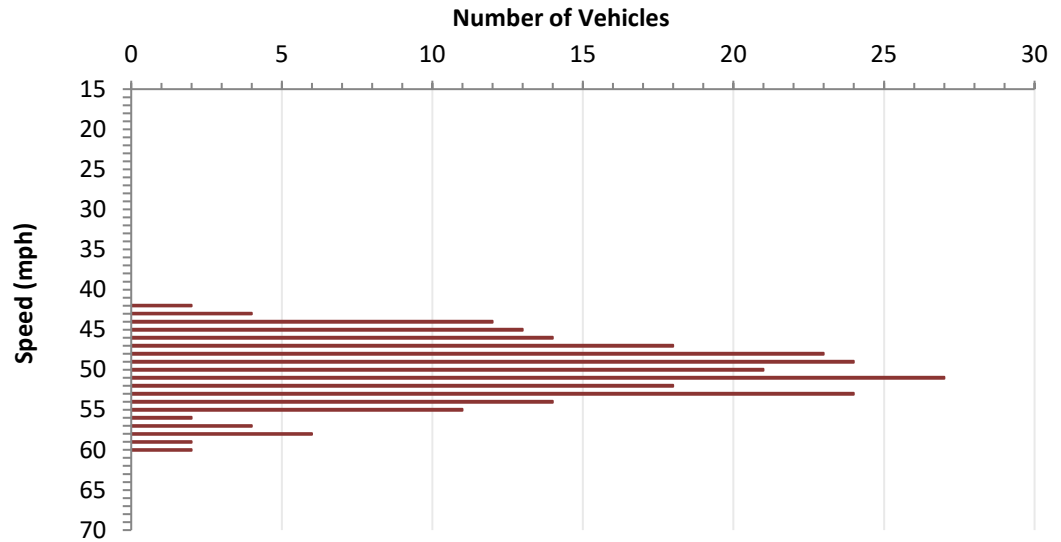
RADAR SPEED SURVEY

SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

Road Name:	Wildcat Canyon Rd	From:	Barona Indian Resevation (S Bound	To:	San Vicente Rd
Position:	1,300' S/o MP 7.0	Direction:	NB/SB		

Date:	2/8/2023	Weather:	Clear	Project Number:	23-040031-006
Time Start:	9:30 AM	Road Condition:	Dry	Observer:	Contractor
Time End:	11:30 AM	Posted Speed:	50 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		
31		
32		
33		
34		
35		
36		
37		
38		
39		
40		
41		
42	2	0.8%
43	4	2.5%
44	12	7.5%
45	13	12.9%
46	14	18.7%
47	18	26.1%
48	23	35.7%
49	24	45.6%
50	21	54.4%
51	27	65.6%
52	18	73.0%
53	24	83.0%
54	14	88.8%
55	11	93.4%
56	2	94.2%
57	4	95.9%
58	6	98.3%
59	2	99.2%
60	2	100.0%
61		
62		
63		
64		
65		
66		
67		
68		
69		
70		
Total	241	



DATA ANALYSIS

Average Speed	50.0	Range	42 - 60
50th Percentile	49.5	10 mph Pace	45 - 54
85th Percentile	53.3	Number in Pace	196
90th Percentile	54.3	Percent in Pace	81%
95th Percentile	56.5		



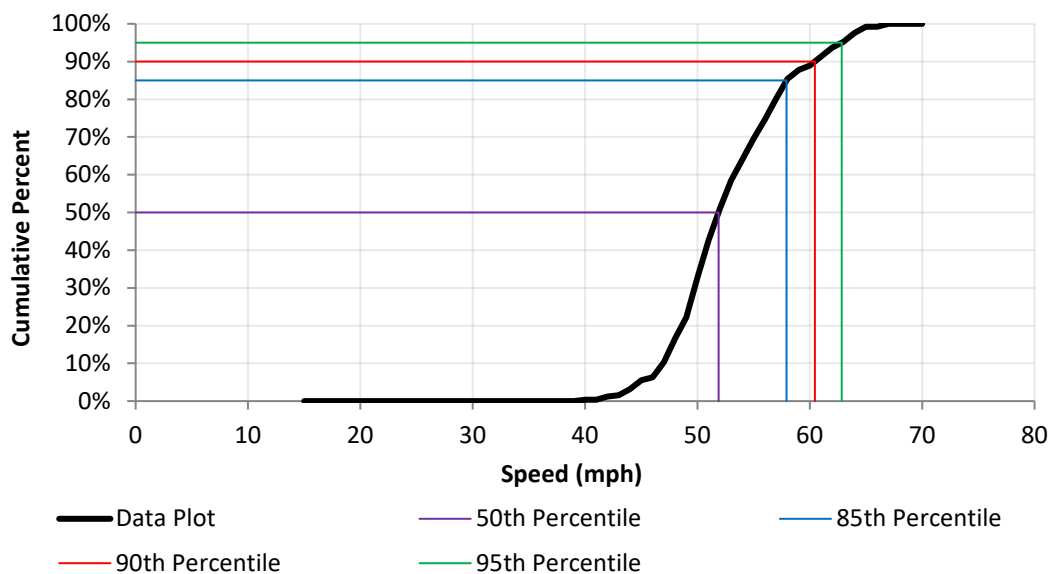
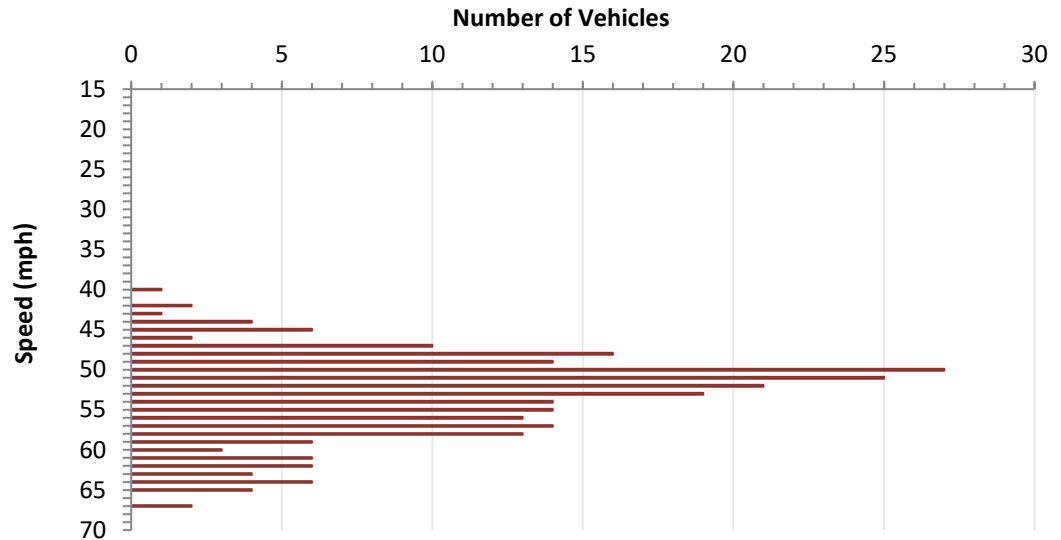
RADAR SPEED SURVEY

SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

Road Name:	Wildcat Canyon Rd	From:	Barona Indian Resevation (S Bound	To:	San Vicente Rd
Position:	1,310' S/o Featherstone Canyon Rd			Direction:	NB/SB

Date:	2/7/2023	Weather:	Clear	Project Number:	23-040031-005
Time Start:	11:10 AM	Road Condition:	Dry	Observer:	Contractor
Time End:	1:10 PM	Posted Speed:	50 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		
31		
32		
33		
34		
35		
36		
37		
38		
39		
40	1	0.4%
41		
42	2	1.2%
43	1	1.6%
44	4	3.2%
45	6	5.5%
46	2	6.3%
47	10	10.3%
48	16	16.6%
49	14	22.1%
50	27	32.8%
51	25	42.7%
52	21	51.0%
53	19	58.5%
54	14	64.0%
55	14	69.6%
56	13	74.7%
57	14	80.2%
58	13	85.4%
59	6	87.7%
60	3	88.9%
61	6	91.3%
62	6	93.7%
63	4	95.3%
64	6	97.6%
65	4	99.2%
66		
67	2	100.0%
68		
69		
70		
Total	253	



DATA ANALYSIS

Average Speed	53.2	Range	40 - 67
50th Percentile	51.9	10 mph Pace	48 - 57
85th Percentile	57.9	Number in Pace	177
90th Percentile	60.5	Percent in Pace	70%
95th Percentile	62.8		



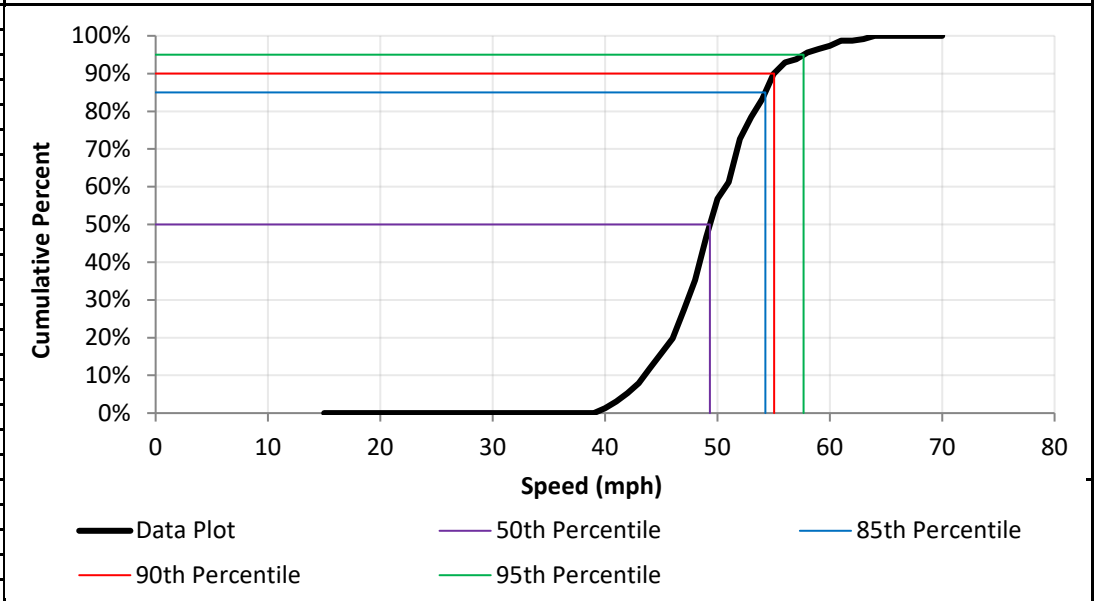
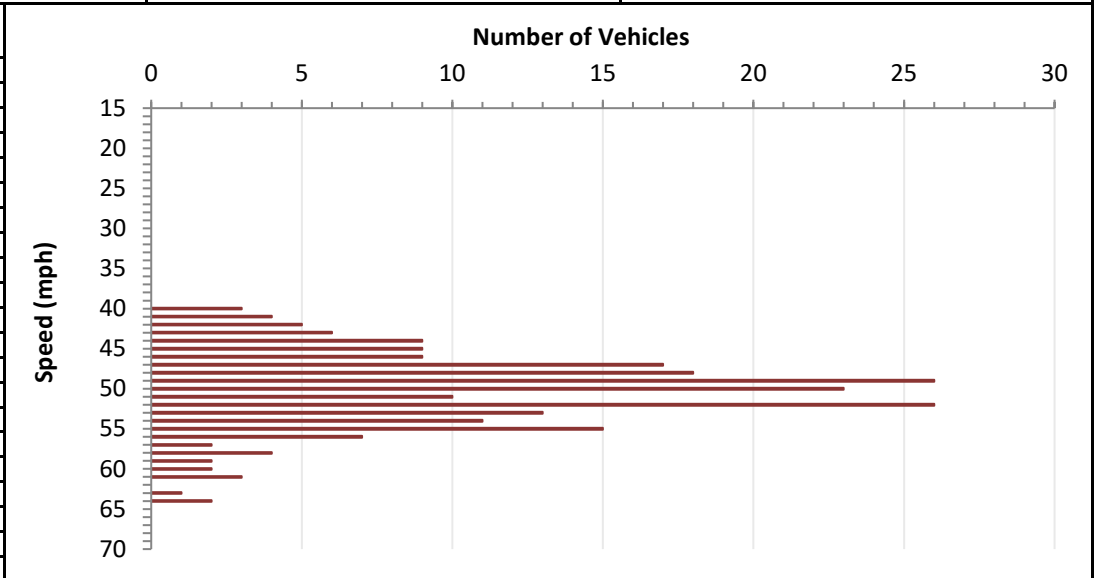
RADAR SPEED SURVEY

SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

Road Name:	Wildcat Canyon Rd	From:	Barona Indian Resevation (S Bound	To:	San Vicente Rd
Position:	@ MP 9.0	Direction:	NB/SB		

Date:	2/7/2023	Weather:	Clear	Project Number:	23-040031-004
Time Start:	9:10 AM	Road Condition:	Dry	Observer:	Contractor
Time End:	11:10 AM	Posted Speed:	50 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		
31		
32		
33		
34		
35		
36		
37		
38		
39		
40	3	1.3%
41	4	3.1%
42	5	5.3%
43	6	7.9%
44	9	11.9%
45	9	15.9%
46	9	19.8%
47	17	27.3%
48	18	35.2%
49	26	46.7%
50	23	56.8%
51	10	61.2%
52	26	72.7%
53	13	78.4%
54	11	83.3%
55	15	89.9%
56	7	93.0%
57	2	93.8%
58	4	95.6%
59	2	96.5%
60	2	97.4%
61	3	98.7%
62		
63	1	99.1%
64	2	100.0%
65		
66		
67		
68		
69		
70		
Total	227	



DATA ANALYSIS

Average Speed	50.1	Range	40 - 64
50th Percentile	49.3	10 mph Pace	46 - 55
85th Percentile	54.3	Number in Pace	168
90th Percentile	55.0	Percent in Pace	74%
95th Percentile	57.7		



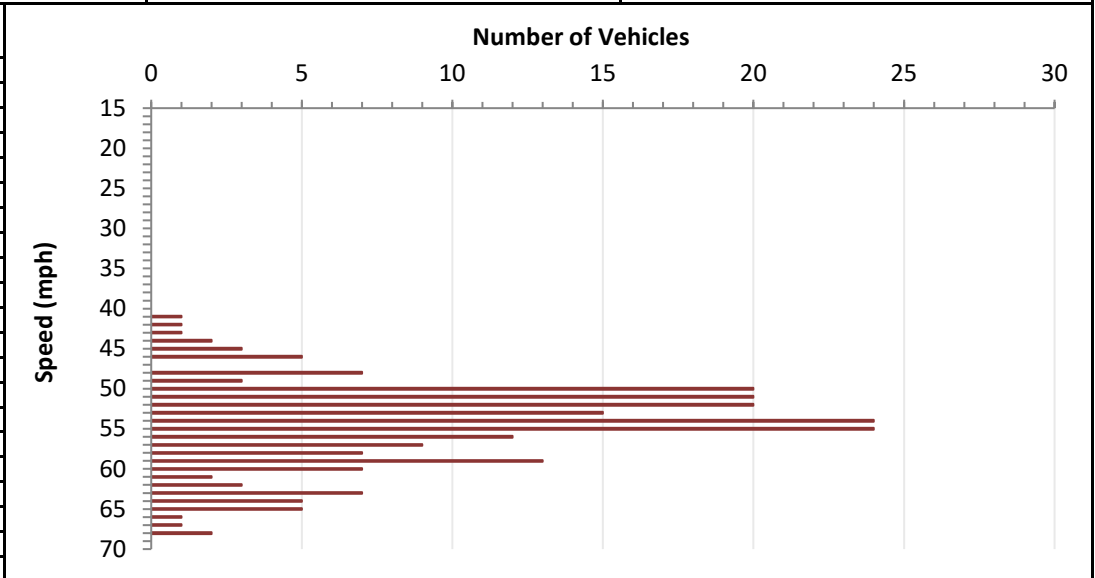
RADAR SPEED SURVEY

SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

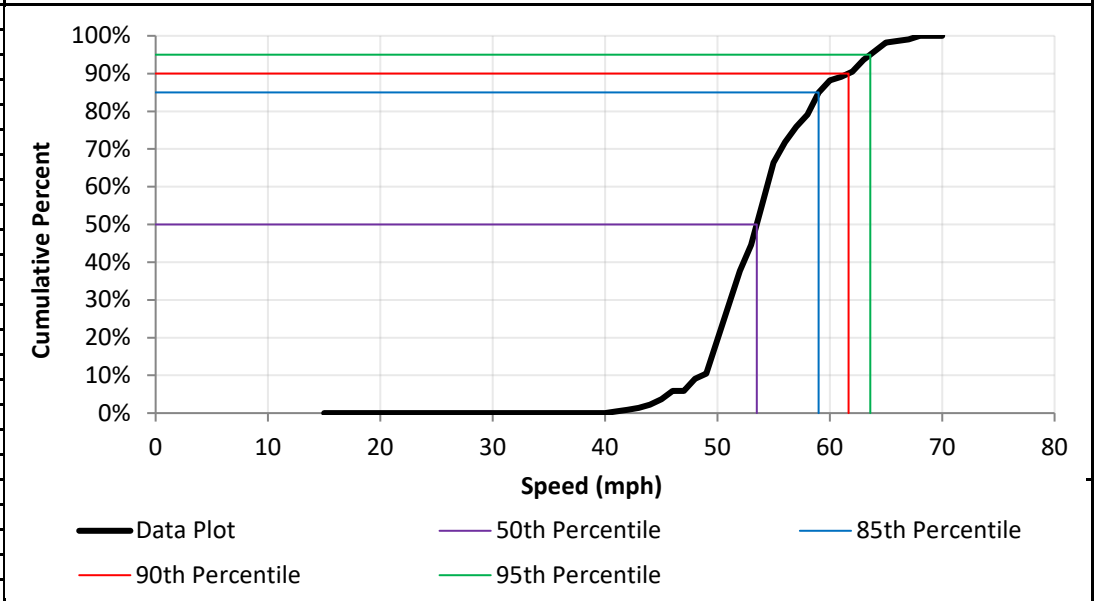
Road Name:	Wildcat Canyon Rd	From:	Barona Indian Resevation (S Bound	To:	San Vicente Rd
Position:	100' S/o Ketuull Uunyaa Wy			Direction:	NB/SB

Date:	2/7/2023	Weather:	Clear	Project Number:	23-040031-003
Time Start:	1:10 PM	Road Condition:	Dry	Observer:	Contractor
Time End:	3:10 PM	Posted Speed:	50 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		
31		
32		
33		
34		
35		
36		
37		
38		
39		
40		



41	1	0.5%
42	1	0.9%
43	1	1.4%
44	2	2.3%
45	3	3.6%
46	5	5.9%
47		
48	7	9.1%
49	3	10.5%
50	20	19.5%
51	20	28.6%
52	20	37.7%
53	15	44.5%
54	24	55.5%
55	24	66.4%
56	12	71.8%
57	9	75.9%
58	7	79.1%
59	13	85.0%
60	7	88.2%
61	2	89.1%
62	3	90.5%
63	7	93.6%
64	5	95.9%
65	5	98.2%
66	1	98.6%
67	1	99.1%
68	2	100.0%
69		
70		
Total	220	



DATA ANALYSIS

Average Speed	54.4	Range	41 - 68
50th Percentile	53.5	10 mph Pace	50 - 59
85th Percentile	59.0	Number in Pace	164
90th Percentile	61.7	Percent in Pace	75%
95th Percentile	63.6		



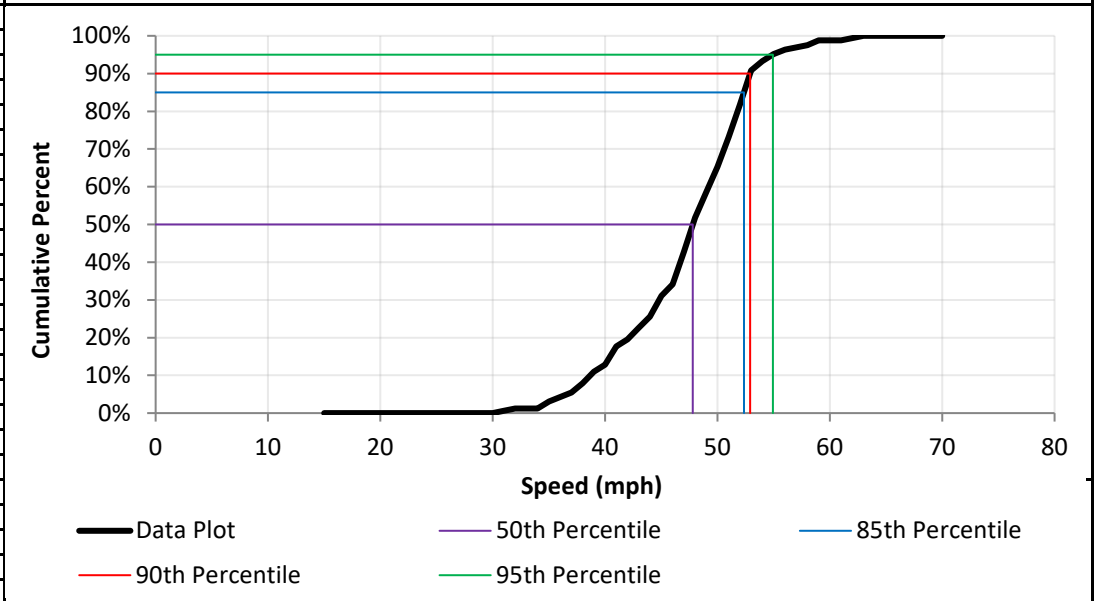
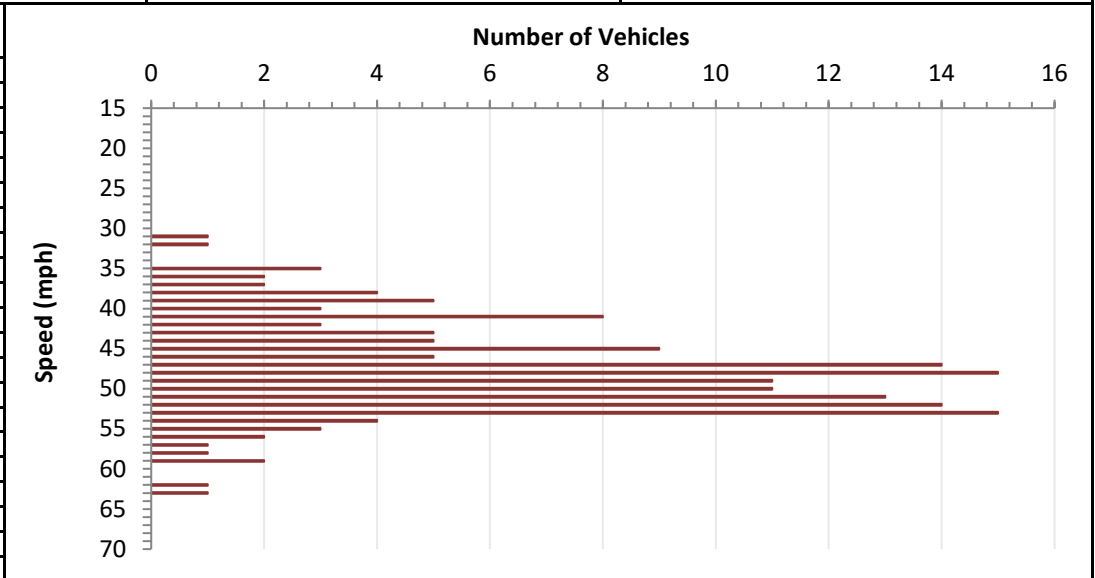
RADAR SPEED SURVEY

SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

Road Name:	Wildcat Canyon Rd	From:	Barona Indian Resevation (S Bound	To:	San Vicente Rd
Position:	@ MP 11.0	Direction:	NB/SB		

Date:	2/8/2023	Weather:	Clear	Project Number:	23-040031-002
Time Start:	9:18 AM	Road Condition:	Dry	Observer:	Contractor
Time End:	11:18 AM	Posted Speed:	50 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		
31	1	0.6%
32	1	1.2%
33		
34		
35	3	3.0%
36	2	4.3%
37	2	5.5%
38	4	7.9%
39	5	11.0%
40	3	12.8%
41	8	17.7%
42	3	19.5%
43	5	22.6%
44	5	25.6%
45	9	31.1%
46	5	34.1%
47	14	42.7%
48	15	51.8%
49	11	58.5%
50	11	65.2%
51	13	73.2%
52	14	81.7%
53	15	90.9%
54	4	93.3%
55	3	95.1%
56	2	96.3%
57	1	97.0%
58	1	97.6%
59	2	98.8%
60		
61		
62	1	99.4%
63	1	100.0%
64		
65		
66		
67		
68		
69		
70		
Total	164	



DATA ANALYSIS

Average Speed	47.6	Range	31 - 63
50th Percentile	47.8	10 mph Pace	44 - 53
85th Percentile	52.4	Number in Pace	112
90th Percentile	52.9	Percent in Pace	68%
95th Percentile	54.9		



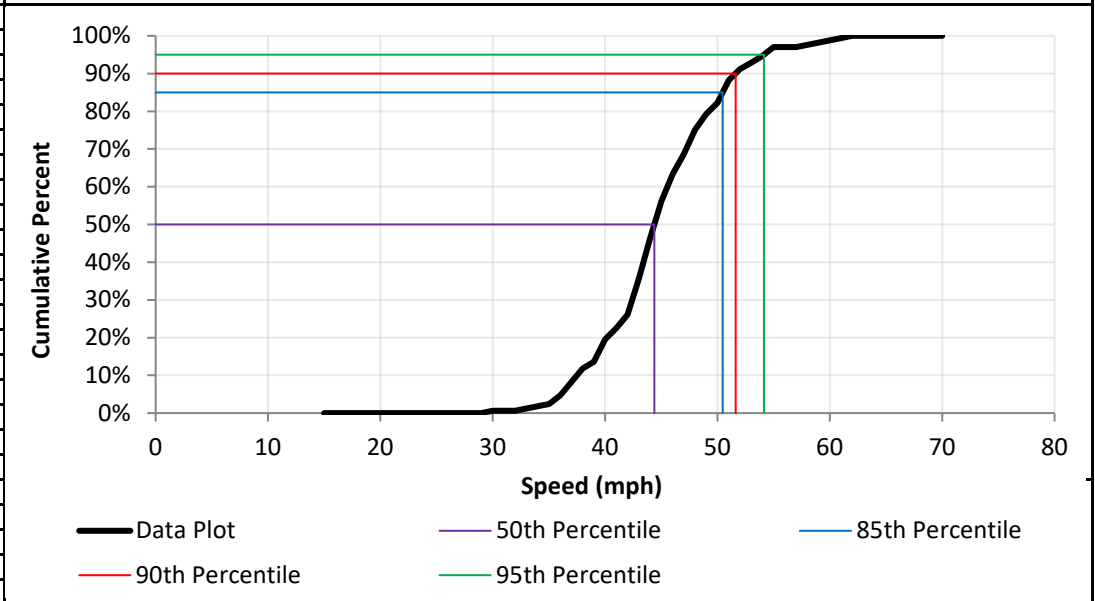
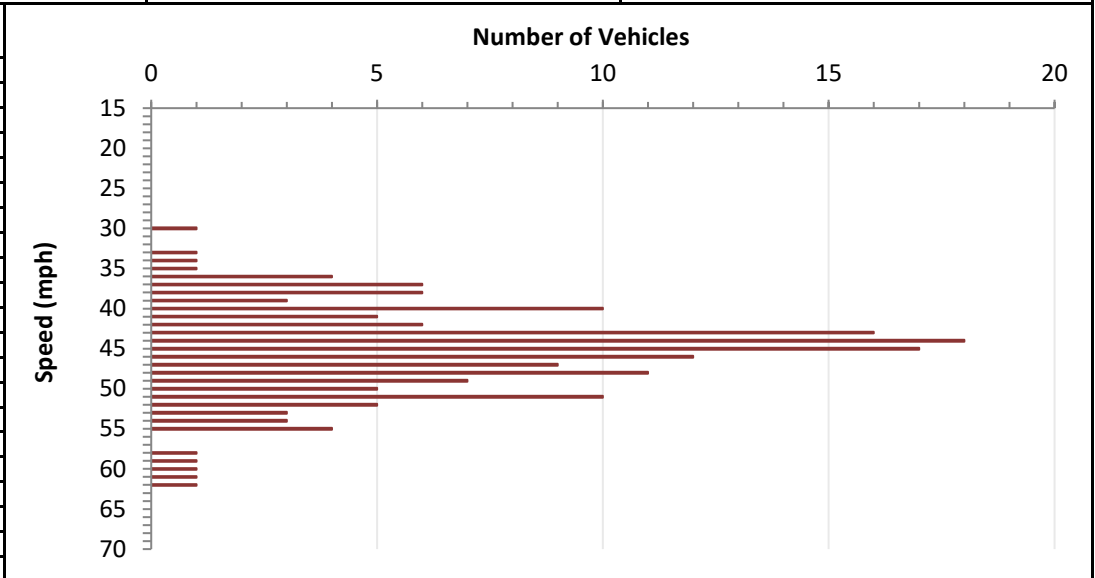
RADAR SPEED SURVEY

SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

Road Name:	Wildcat Canyon Rd	From:	Barona Indian Resevation (S Bound	To:	San Vicente Rd
Position:	@ Little Klondike Rd	Direction:	NB/SB		

Date:	2/8/2023	Weather:	Clear	Project Number:	23-040031-001
Time Start:	11:26 AM	Road Condition:	Dry	Observer:	Contractor
Time End:	1:26 PM	Posted Speed:	50 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	1	0.6%
31		
32		
33	1	1.2%
34	1	1.8%
35	1	2.4%
36	4	4.7%
37	6	8.3%
38	6	11.8%
39	3	13.6%
40	10	19.5%
41	5	22.5%
42	6	26.0%
43	16	35.5%
44	18	46.2%
45	17	56.2%
46	12	63.3%
47	9	68.6%
48	11	75.1%
49	7	79.3%
50	5	82.2%
51	10	88.2%
52	5	91.1%
53	3	92.9%
54	3	94.7%
55	4	97.0%
56		
57		
58	1	97.6%
59	1	98.2%
60	1	98.8%
61	1	99.4%
62	1	100.0%
63		
64		
65		
66		
67		
68		
69		
70		
Total	169	



DATA ANALYSIS

Average Speed	45.3	Range	30 - 62
50th Percentile	44.4	10 mph Pace	40 - 49
85th Percentile	50.5	Number in Pace	111
90th Percentile	51.6	Percent in Pace	66%
95th Percentile	54.1		

VOLUME

Wildcat Canyon Rd 250' S/O Featherstone Canyon Rd

Day: Tuesday
Date: 2/7/2023City: Lakeside
Project #: CA23_040030_002

DAILY TOTALS					NB	SB						EB	WB	Total	
					2,801	2,985						0	0	5,786	
AM Period	NB	SB	EB	WB	TOTAL		PM Period	NB	SB	EB	WB	TOTAL			
00:00	10	2			12		12:00	25	36			61			
00:15	13	3			16		12:15	27	27			54			
00:30	12	3			15		12:30	30	34			64			
00:45	13	48	2	10	15	58	12:45	28	110	42	139	70	249		
01:00	7	1			8		13:00	26	38			64			
01:15	4	2			6		13:15	40	30			70			
01:30	3	1			4		13:30	43	29			72			
01:45	6	20	0	4	6	24	13:45	36	145	33	130	69	275		
02:00	7	2			9		14:00	35	34			69			
02:15	4	2			6		14:15	59	59			118			
02:30	3	3			6		14:30	56	34			90			
02:45	1	15	3	10	4	25	14:45	47	197	43	170	90	367		
03:00	4	1			5		15:00	82	53			135			
03:15	4	11			15		15:15	72	34			106			
03:30	4	5			9		15:30	73	39			112			
03:45	7	19	6	23	13	42	15:45	77	304	29	155	106	459		
04:00	2	10			12		16:00	93	44			137			
04:15	3	15			18		16:15	107	39			146			
04:30	2	22			24		16:30	80	35			115			
04:45	3	10	37	84	40	94	16:45	87	367	20	138	107	505		
05:00	3	51			54		17:00	83	31			114			
05:15	4	58			62		17:15	110	33			143			
05:30	4	56			60		17:30	79	48			127			
05:45	7	18	71	236	78	254	17:45	79	351	37	149	116	500		
06:00	9	61			70		18:00	63	42			105			
06:15	14	89			103		18:15	58	20			78			
06:30	11	106			117		18:30	53	17			70			
06:45	17	51	115	371	132	422	18:45	50	224	21	100	71	324		
07:00	17	91			108		19:00	36	12			48			
07:15	27	110			137		19:15	33	14			47			
07:30	17	104			121		19:30	39	9			48			
07:45	20	81	99	404	119	485	19:45	38	146	10	45	48	191		
08:00	28	84			112		20:00	32	11			43			
08:15	24	63			87		20:15	45	9			54			
08:30	28	64			92		20:30	26	22			48			
08:45	27	107	62	273	89	380	20:45	19	122	11	53	30	175		
09:00	25	53			78		21:00	24	9			33			
09:15	14	35			49		21:15	26	7			33			
09:30	13	46			59		21:30	18	5			23			
09:45	21	73	42	176	63	249	21:45	15	83	6	27	21	110		
10:00	27	34			61		22:00	18	4			22			
10:15	22	38			60		22:15	17	10			27			
10:30	25	30			55		22:30	13	9			22			
10:45	29	103	22	124	51	227	22:45	14	62	6	29	20	91		
11:00	27	29			56		23:00	4	3			7			
11:15	24	40			64		23:15	5	5			10			
11:30	36	22			58		23:30	6	3			9			
11:45	33	120	29	120	62	240	23:45	10	25	4	15	14	40		
TOTALS	665	1835			2500		TOTALS	2136	1150			3286			
SPLIT %	26.6%	73.4%			43.2%		SPLIT %	65.0%	35.0%			56.8%			

DAILY TOTALS					NB	SB						EB	WB	Total	
					2,801	2,985						0	0	5,786	
AM Peak Hour	11:30	06:30			06:45		PM Peak Hour	16:00	14:15			16:00			
AM Pk Volume	121	422			498		PM Pk Volume	367	189			505			
Pk Hr Factor	0.840	0.917			0.909		Pk Hr Factor	0.857	0.801			0.865			
7 - 9 Volume	188	677	0	0	865		4 - 6 Volume	718	287	0	0	1005			
7 - 9 Peak Hour	08:00	07:00			07:15		4 - 6 Peak Hour	16:00	17:00			16:00			
7 - 9 Pk Volume	107	404			489		4 - 6 Pk Volume	367	149	0	0	505			
Pk Hr Factor	0.955	0.918	0.000	0.000	0.892		Pk Hr Factor	0.857	0.776	0.000	0.000	0.865			

VOLUME

Wildcat Canyon Rd 300' S/O San Vicente Rd

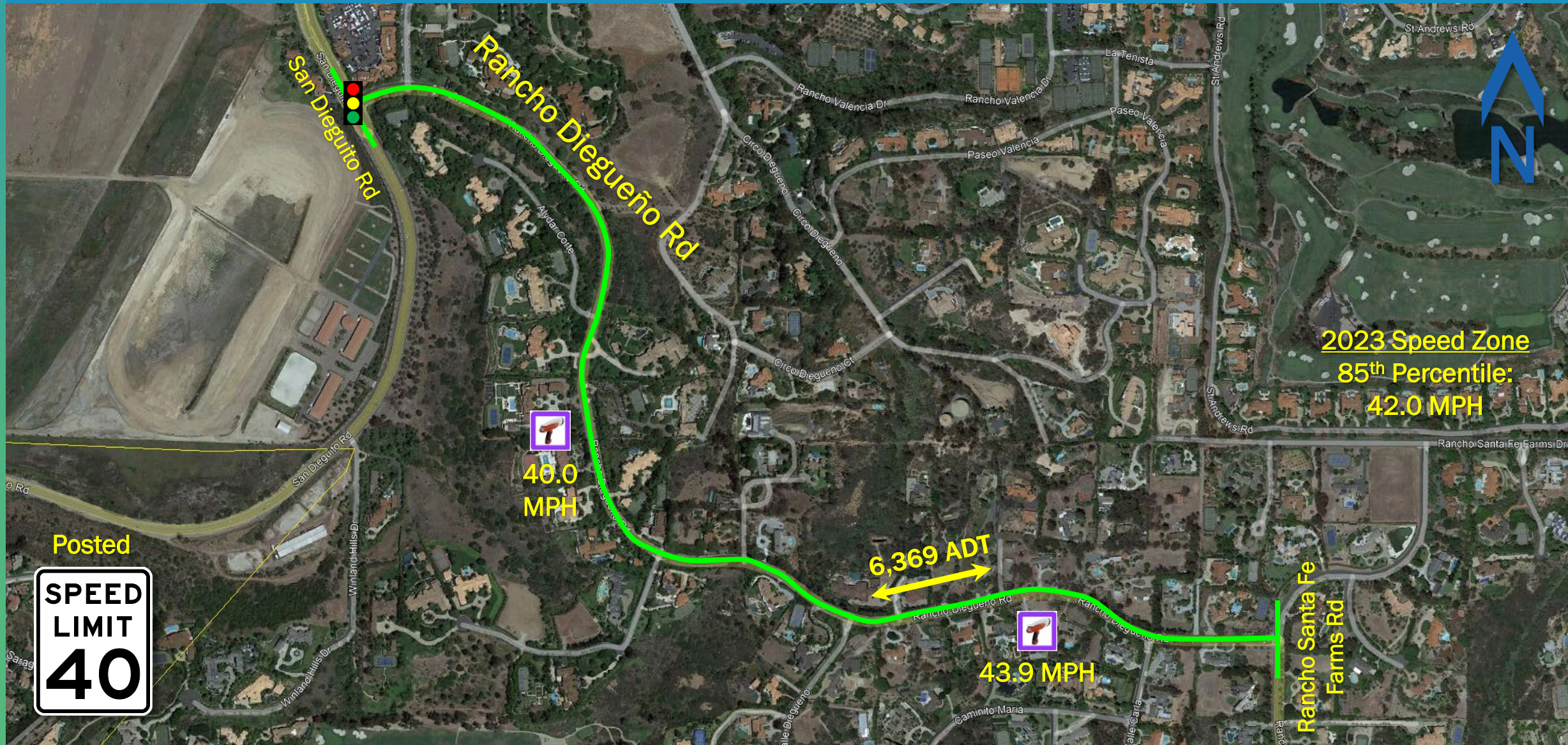
Day: Tuesday
Date: 2/7/2023City: Ramona
Project #: CA23_040030_001

DAILY TOTALS					NB	SB	EB					WB	Total
					2,700	2,873	0					0	5,573
AM Period	NB	SB	EB	WB	TOTAL		PM Period	NB	SB	EB	WB	TOTAL	
00:00	8	2			10		12:00	25	30			55	
00:15	10	1			11		12:15	25	38			63	
00:30	14	4			18		12:30	26	32			58	
00:45	5	37	0	7	5	44	12:45	38	114	49	149	87	263
01:00	4	1			5		13:00	23	31			54	
01:15	4	1			5		13:15	35	24			59	
01:30	4	0			4		13:30	35	25			60	
01:45	2	14	1	3	3	17	13:45	39	132	34	114	73	246
02:00	6	1			7		14:00	33	44			77	
02:15	8	4			12		14:15	54	48			102	
02:30	3	1			4		14:30	60	37			97	
02:45	0	17	3	9	3	26	14:45	41	188	49	178	90	366
03:00	5	6			11		15:00	65	52			117	
03:15	5	7			12		15:15	68	37			105	
03:30	4	8			12		15:30	74	39			113	
03:45	6	20	8	29	14	49	15:45	72	279	30	158	102	437
04:00	3	7			10		16:00	80	40			120	
04:15	3	14			17		16:15	98	39			137	
04:30	3	28			31		16:30	68	32			100	
04:45	3	12	35	84	38	96	16:45	103	349	28	139	131	488
05:00	4	53			57		17:00	89	31			120	
05:15	7	43			50		17:15	93	47			140	
05:30	6	61			67		17:30	90	42			132	
05:45	11	28	55	212	66	240	17:45	69	341	40	160	109	501
06:00	4	74			78		18:00	79	37			116	
06:15	16	86			102		18:15	50	23			73	
06:30	15	103			118		18:30	53	24			77	
06:45	14	49	93	356	107	405	18:45	42	224	21	105	63	329
07:00	20	107			127		19:00	49	18			67	
07:15	30	93			123		19:15	24	14			38	
07:30	22	111			133		19:30	35	9			44	
07:45	23	95	88	399	111	494	19:45	35	143	10	51	45	194
08:00	29	62			91		20:00	24	8			32	
08:15	22	62			84		20:15	32	17			49	
08:30	24	48			72		20:30	34	23			57	
08:45	32	107	56	228	88	335	20:45	23	113	13	61	36	174
09:00	16	38			54		21:00	16	11			27	
09:15	20	42			62		21:15	19	6			25	
09:30	17	36			53		21:30	23	4			27	
09:45	23	76	35	151	58	227	21:45	15	73	2	23	17	96
10:00	21	32			53		22:00	12	6			18	
10:15	23	31			54		22:15	13	7			20	
10:30	21	24			45		22:30	11	7			18	
10:45	29	94	17	104	46	198	22:45	14	50	7	27	21	77
11:00	20	28			48		23:00	7	3			10	
11:15	27	30			57		23:15	8	3			11	
11:30	29	27			56		23:30	16	5			21	
11:45	34	110	29	114	63	224	23:45	4	35	1	12	5	47
TOTALS	659	1696			2355		TOTALS	2041	1177			3218	
SPLIT %	28.0%	72.0%			42.3%		SPLIT %	63.4%	36.6%			57.7%	

DAILY TOTALS			NB	SB	EB			WB	Total		
			2,700	2,873				0			
AM Peak Hour	11:15	06:45			07:00	PM Peak Hour	16:45	14:15			16:45
AM Pk Volume	115	404			494	PM Pk Volume	375	186			523
Pk Hr Factor	0.846	0.910			0.929	Pk Hr Factor	0.910	0.894			0.934
7 - 9 Volume	202	627	0	0	829	4 - 6 Volume	690	299	0	0	989
7 - 9 Peak Hour	08:00	07:00			07:00	4 - 6 Peak Hour	16:45	17:00			16:45
7 - 9 Pk Volume	107	399	0	0	494	4 - 6 Pk Volume	375	160	0	0	523
Pk Hr Factor	0.836	0.899	0.000	0.000	0.929	Pk Hr Factor	0.910	0.851	0.000	0.000	0.934

Rancho Santa Fe Farms Road to San Dieguito Road
1.23 miles

Rancho Santa Fe Farms Road to San Dieguito Road
1.23 miles



SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE

COMMITTEE REPORT OF: March 10, 2022

Item 3-A

SUPERVISORIAL DISTRICT: 3

SUBJECT: Radar Certification

LOCATION: Rancho Diegueño Road from Rancho Santa Fe Farms Road to San Dieguito Road (a distance of 1.23 miles)
FAIRBANKS RANCH (Thos. Bros. 1188-G1)

INITIATED BY: DPW Traffic Engineering

REQUEST: Radar Recertification

PROBLEM AS STATED BY REQUESTER:

Rancho Diegueño Road from Rancho Santa Fe Farms Road to San Dieguito Road is currently posted with a 40 MPH, radar enforced, speed limit. A preliminary review of prevailing speeds and roadway conditions could support radar certification of the 40 MPH speed limit.

Existing Traffic Devices

This segment of Rancho Diegueño Road is a striped 2-lane undivided highway that is 28 to 40 feet wide. The roadway is striped with a no passing centerline. The road is posted with intersection advisory signs and a stop ahead sign approaching the intersection with Rancho Santa Fe Farms Road. Rancho Diegueño Road is unclassified on the County General Plan Mobility Element Network. The road is posted with a 40 MPH, radar enforced, speed limit.

Average Daily Traffic Volumes

	<u>02/23</u>	<u>02/16</u>
Rancho Diegueño Road:		
100' E/o Calle Diegueño	6,369	3,725

Speed Data

		<u>85th Percentile</u>	<u>10 MPH Pace</u>	<u>% in Pace</u>
Rancho Diegueño Road:				
1,290' W/o Rancho Santa Fe Farms Rd	(2023)	43.9 MPH	35-44	77.0%
	(2016)	43.0 MPH	34-43	72.0%
600' S/o Alydar Corte	(2023)	40.0 MPH	31-40	73.0%
Speed Zone	(2023)	42.0 MPH	33-42	75.0%

Collision Data

There have been 6 reported collisions, 3 of which involved an injury, along this segment of roadway in a 3-year period (2019-11-01 to 2022-10-31). These collisions result in a

segment accident rate of 0.70 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.



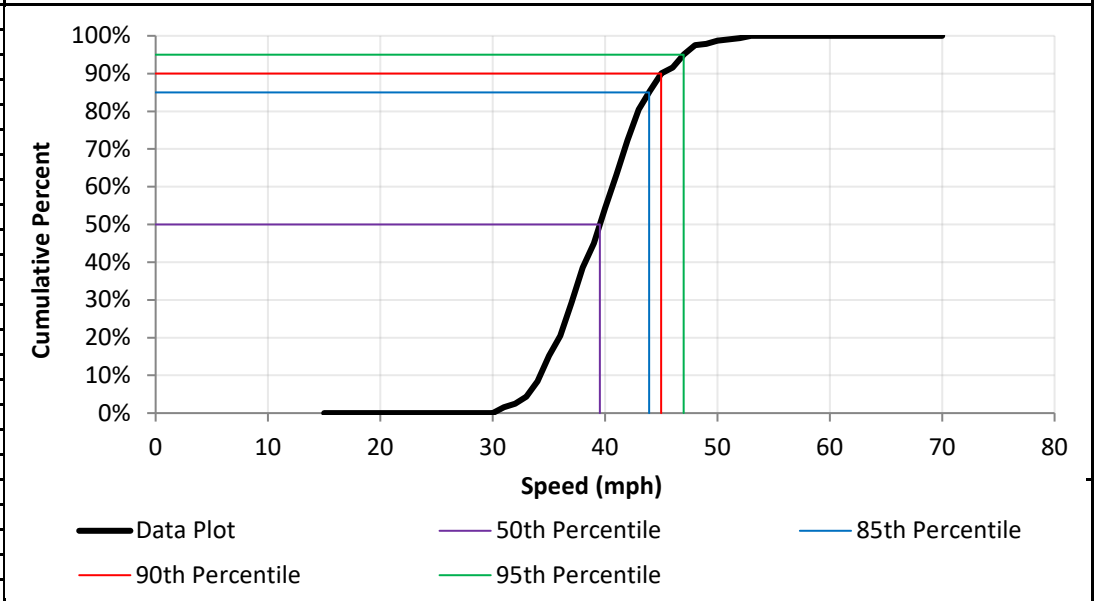
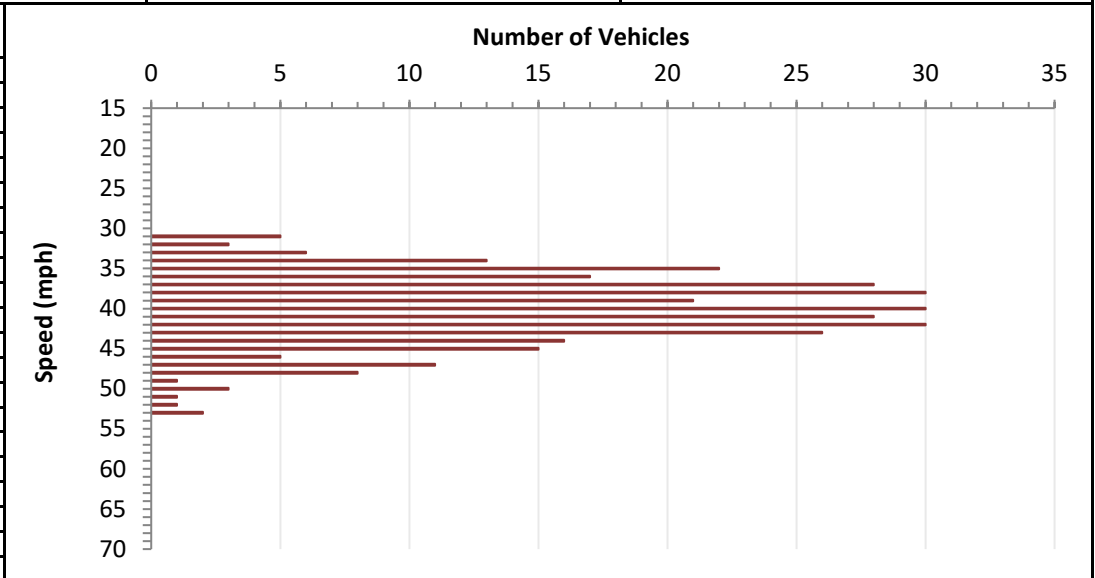
RADAR SPEED SURVEY

SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

Road Name:	Rancho Diegueno Rd	From:	Rancho Santa Fe Farms Rd	To:	San Dieguito Rd
Position:	1,290' W/o Rancho Santa Fe Farms Rd	Direction:	EB/WB		

Date:	1/17/2023	Weather:	Clear	Project Number:	23-040014-010
Time Start:	9:00 AM	Road Condition:	Dry	Observer:	Contractor
Time End:	11:00 AM	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		
31	5	1.6%
32	3	2.5%
33	6	4.3%
34	13	8.4%
35	22	15.2%
36	17	20.5%
37	28	29.2%
38	30	38.5%
39	21	45.0%
40	30	54.3%
41	28	63.0%
42	30	72.4%
43	26	80.4%
44	16	85.4%
45	15	90.1%
46	5	91.6%
47	11	95.0%
48	8	97.5%
49	1	97.8%
50	3	98.8%
51	1	99.1%
52	1	99.4%
53	2	100.0%
54		
55		
56		
57		
58		
59		
60		
61		
62		
63		
64		
65		
66		
67		
68		
69		
70		
Total	322	



DATA ANALYSIS

Average Speed	40.1	Range	31 - 53
50th Percentile	39.5	10 mph Pace	35 - 44
85th Percentile	43.9	Number in Pace	248
90th Percentile	45.0	Percent in Pace	77%
95th Percentile	47.0		



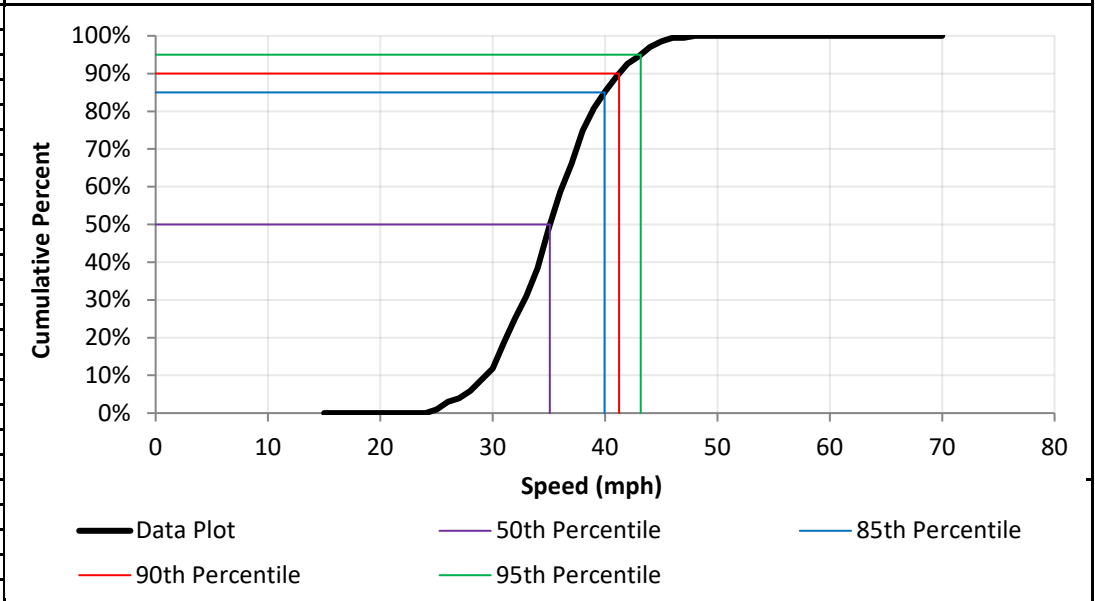
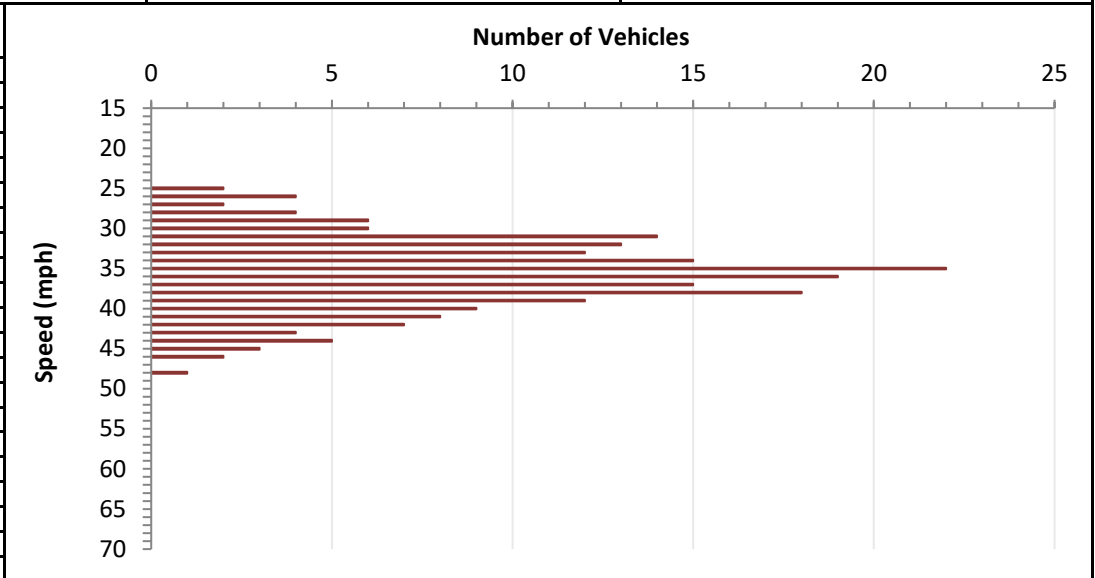
RADAR SPEED SURVEY

SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

Road Name:	Rancho Diegueno Rd	From:	Rancho Santa Fe Farms Rd	To:	San Dieguito Rd
Position:	600' S/o Alydar Corte	Direction:	EB/WB		

Date:	1/17/2023	Weather:	Clear	Project Number:	23-040014-011
Time Start:	9:00 AM	Road Condition:	Dry	Observer:	Contractor
Time End:	11:00 AM	Posted Speed:	40 MPH	Calibration Test:	Y

Speed (mph)	Num. Veh.	Cum. Pct.
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25	2	1.0%
26	4	3.0%
27	2	3.9%
28	4	5.9%
29	6	8.9%
30	6	11.8%
31	14	18.7%
32	13	25.1%
33	12	31.0%
34	15	38.4%
35	22	49.3%
36	19	58.6%
37	15	66.0%
38	18	74.9%
39	12	80.8%
40	9	85.2%
41	8	89.2%
42	7	92.6%
43	4	94.6%
44	5	97.0%
45	3	98.5%
46	2	99.5%
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	203	



DATA ANALYSIS

Average Speed	35.7	Range	25 - 48
50th Percentile	35.1	10 mph Pace	31 - 40
85th Percentile	40.0	Number in Pace	149
90th Percentile	41.2	Percent in Pace	73%
95th Percentile	43.2		

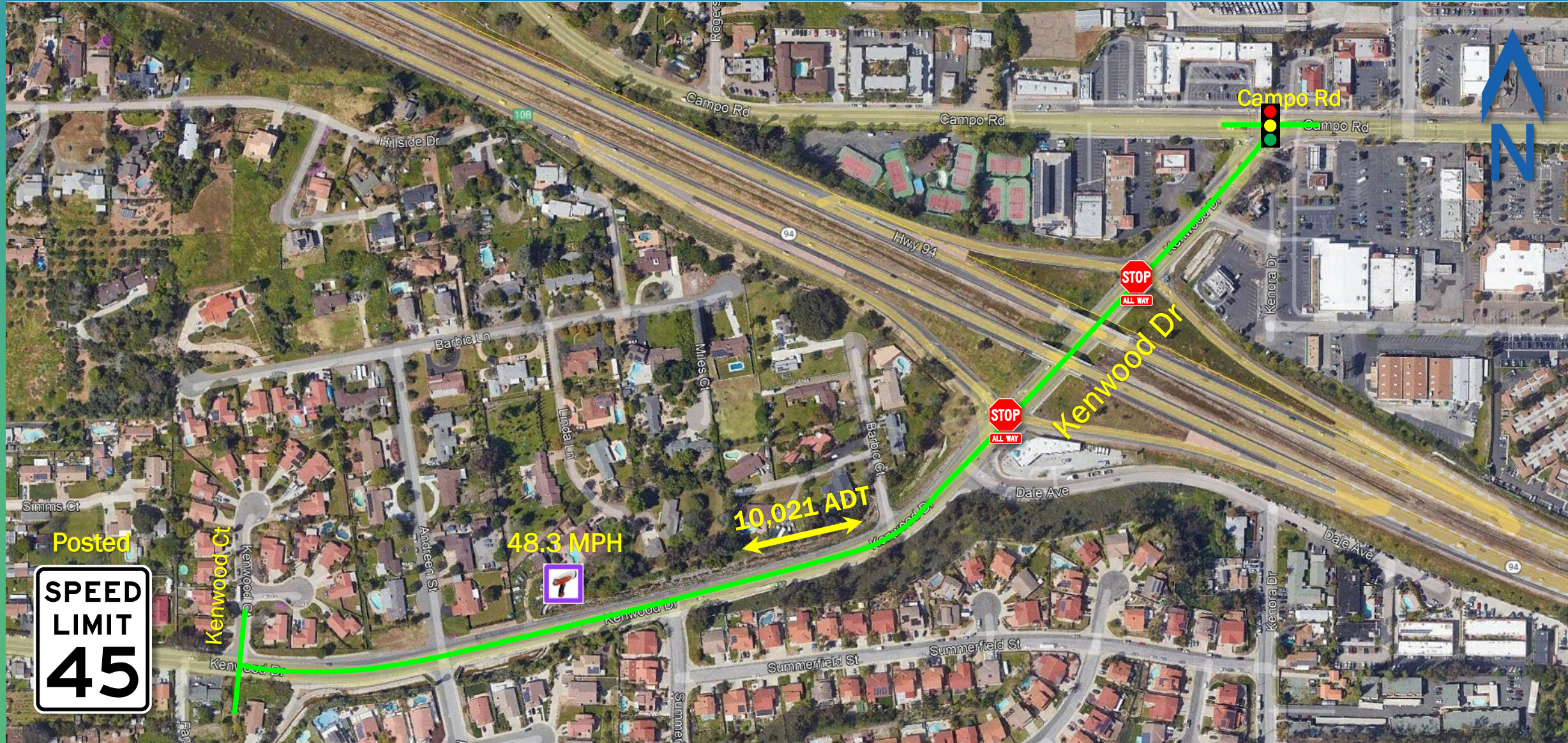
VOLUME

Project #: CA23_040013_007

DAILY TOTALS			NB	SB	EB			WB			Total				
			0	0							2,914	3,455	6,369		
AM Peak Hour			7:30	8:00	8:00	PM Peak Hour			14:30	15:00	14:45				
AM Pk Volume			395	278	670	PM Pk Volume			337	467	766				
Pk Hr Factor			0.742	0.688	0.846	Pk Hr Factor			0.834	0.739	0.836				
7 - 9 Volume			0	0	577	421	998	4 - 6 Volume			0	0	408	688	1096
7 - 9 Peak Hour			7:30	8:00	8:00	4 - 6 Peak Hour			16:15	16:30	16:30				
7 - 9 Pk Volume			0	0	395	278	670	4 - 6 Pk Volume			0	0	227	375	599
Pk Hr Factor			0.000	0.000	0.742	0.688	0.846	Pk Hr Factor			0.000	0.000	0.901	0.876	0.942

Kenwood Drive

Campo Road to Kenwood Court
0.57 miles



SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE

COMMITTEE REPORT OF: March 10, 2022

Item 4-A

SUPERVISORIAL DISTRICT: 4

SUBJECT: Radar Certification

LOCATION: Kenwood Drive from Campo Road (east intersection) to Kenwood Court (a distance of 0.57 miles) SPRING VALLEY (Thos. Bros. 1271-C5)

INITIATED BY: DPW Traffic Engineering

REQUEST: Radar Certification

PROBLEM AS STATED BY REQUESTER:

Kenwood Drive from Campo Road (east intersection) to Kenwood Court is currently posted with a 45 MPH speed limit. A preliminary review of prevailing speeds and roadway conditions could support radar certification of the 45 MPH speed limit.

Existing Traffic Devices

This segment of Kenwood Drive is a striped 2-lane undivided highway that is 32 to 68 feet wide. The roadway is striped with a center median and bike lanes. The road is posted with a stop ahead signs approaching the all-way stop controlled intersections with State Route 94 freeway ramps. Kenwood Drive is classified as a Light Collector on the County General Plan Mobility Element Network. The road is posted with a 45 MPH speed limit.

Average Daily Traffic Volumes

01/23

Kenwood Drive:

150' W/o Barbic Court 10,021

Speed Data

**85th
Percentile**

**10 MPH
Pace**

**% in
Pace**

Kenwood Drive:

250' W/o Summerfield Drive (2023) 48.3 MPH 41-50 75.0%

Collision Data

There have been 21 reported collisions, 7 of which involved an injury, along this segment of roadway in a 3-year period (2019-11-01 to 2022-10-31). These collisions result in a segment accident rate of 3.36 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.



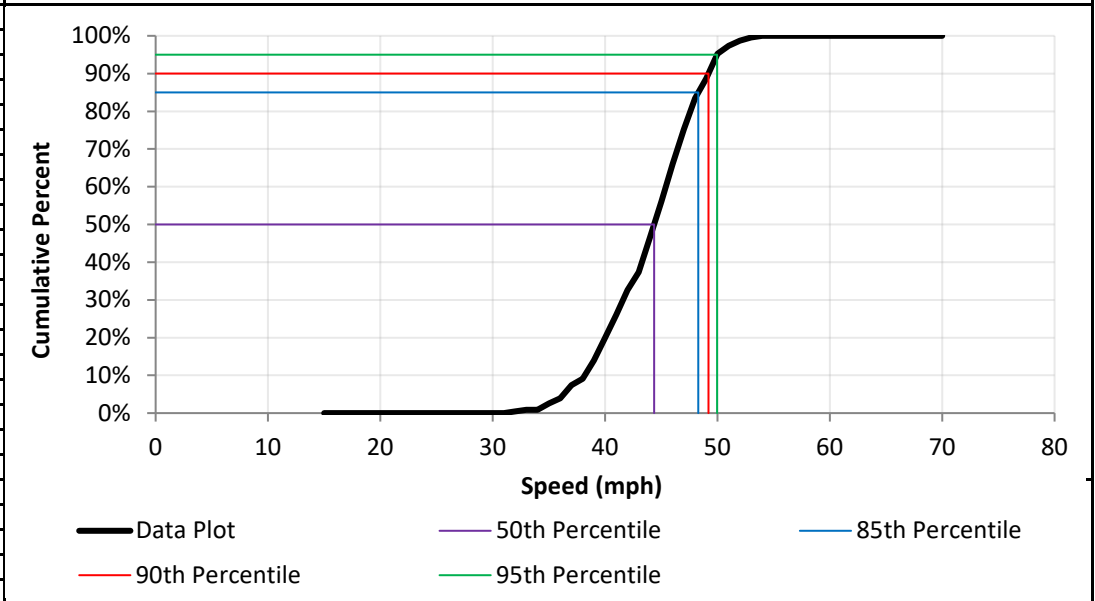
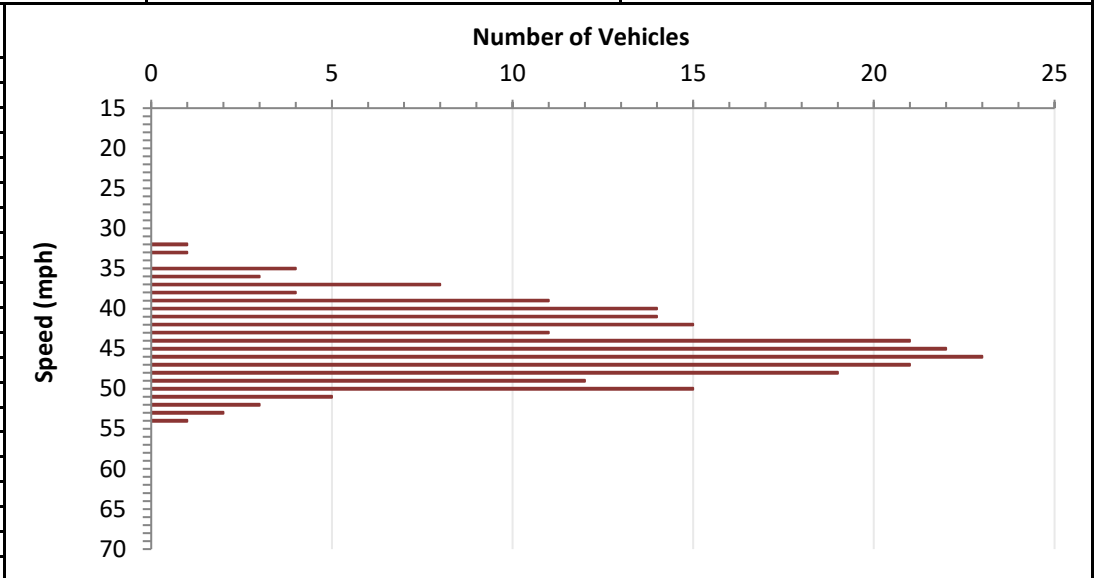
RADAR SPEED SURVEY

SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

Road Name:	Kenwood Dr	From: Campo Rd	To: Kenwood Ct
Position:	250' W/o Summerfield Dr	Direction:	EB/WB

Date:	1/25/2023	Weather:	Clear	Project Number:	23-040014-007
Time Start:	11:00 AM	Road Condition:	Dry	Observer:	Contractor
Time End:	1:00 PM	Posted Speed:	45 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		
31		
32	1	0.4%
33	1	0.9%
34		
35	4	2.6%
36	3	3.9%
37	8	7.4%
38	4	9.1%
39	11	13.9%
40	14	20.0%
41	14	26.1%
42	15	32.6%
43	11	37.4%
44	21	46.5%
45	22	56.1%
46	23	66.1%
47	21	75.2%
48	19	83.5%
49	12	88.7%
50	15	95.2%
51	5	97.4%
52	3	98.7%
53	2	99.6%
54	1	100.0%
55		
56		
57		
58		
59		
60		
61		
62		
63		
64		
65		
66		
67		
68		
69		
70		
Total	230	



DATA ANALYSIS

Average Speed	44.4	Range	32 - 54
50th Percentile	44.4	10 mph Pace	41 - 50
85th Percentile	48.3	Number in Pace	173
90th Percentile	49.2	Percent in Pace	75%
95th Percentile	50.0		

VOLUME

Kenwood Dr W/O 150' Barbic Ct

Day: Wednesday

Date: 1/18/2023

City: Spring Valley

Project #: CA23_040013_005

DAILY TOTALS					NB	SB	EB					WB	Total
					0	0						5,179	4,842
AM Period	NB	SB	EB	WB	TOTAL		PM Period	NB	SB	EB	WB	TOTAL	
00:00			4	9	13		12:00			66	63	129	
00:15			1	9	10		12:15			73	60	133	
00:30			4	7	11		12:30			82	58	140	
00:45			2	11	4	29	12:45			59	280	69	250
01:00			1	1	2		13:00			71	79	150	
01:15			2	4	6		13:15			65	65	130	
01:30			5	1	6		13:30			87	66	153	
01:45			2	10	1	7	13:45			83	306	77	287
02:00			4	2	6		14:00			84	68	152	
02:15			0	2	2		14:15			91	124	215	
02:30			1	1	2		14:30			100	119	219	
02:45			3	8	3	8	14:45			110	385	109	420
03:00			1	1	2		15:00			107	116	223	
03:15			2	3	5		15:15			106	119	225	
03:30			4	1	5		15:30			130	94	224	
03:45			5	12	4	9	15:45			105	448	131	460
04:00			12	4	16		16:00			99	141	240	
04:15			9	3	12		16:15			93	106	199	
04:30			10	0	10		16:30			95	94	189	
04:45			12	43	4	11	16:45			81	368	116	457
05:00			19	6	25		17:00			96	130	226	
05:15			29	11	40		17:15			89	120	209	
05:30			35	15	50		17:30			85	104	189	
05:45			36	119	13	45	17:45			89	359	106	460
06:00			41	17	58		18:00			78	97	175	
06:15			43	21	64		18:15			73	84	157	
06:30			69	22	91		18:30			54	81	135	
06:45			69	222	27	87	18:45			56	261	61	323
07:00			84	38	122		19:00			50	68	118	
07:15			115	36	151		19:15			41	61	102	
07:30			178	48	226		19:30			23	53	76	
07:45			158	535	92	214	19:45			31	145	51	233
08:00			99	103	202		20:00			32	38	70	
08:15			116	95	211		20:15			35	48	83	
08:30			140	83	223		20:30			25	44	69	
08:45			128	483	88	369	20:45			27	119	58	188
09:00			102	70	172		21:00			23	44	67	
09:15			103	61	164		21:15			30	38	68	
09:30			83	54	137		21:30			13	24	37	
09:45			84	372	67	252	21:45			18	84	25	131
10:00			66	55	121		22:00			12	31	43	
10:15			47	58	105		22:15			8	23	31	
10:30			76	41	117		22:30			8	15	23	
10:45			65	254	47	201	22:45			7	35	24	93
11:00			64	66	130		23:00			7	18	25	
11:15			75	64	139		23:15			7	12	19	
11:30			77	60	137		23:30			10	15	25	
11:45			72	288	65	255	23:45			8	32	8	53
TOTALS			2357		1487	3844	TOTALS			2822		3355	6177
SPLIT %			61.3%		38.7%	38.4%	SPLIT %			45.7%		54.3%	61.6%

DAILY TOTALS					NB	SB						EB	WB						Total
					0	0						5,179	4,842						10,021
AM Peak Hour			07:30	07:45	07:30		PM Peak Hour			14:45	15:15	15:15							
AM Pk Volume			551	373	889		PM Pk Volume			453	485	925							
Pk Hr Factor			0.774	0.905	0.889		Pk Hr Factor			0.871	0.860	0.964							
7 - 9 Volume	0	0	1018	583	1601		4 - 6 Volume	0	0	727	917	1644							
7 - 9 Peak Hour			07:30	07:45	07:30		4 - 6 Peak Hour			16:00	16:45	16:00							
7 - 9 Pk Volume	0	0	551	373	889		4 - 6 Pk Volume	0	0	368	470	825							
Pk Hr Factor	0.000	0.000	0.774	0.905	0.889		Pk Hr Factor	0.000	0.000	0.929	0.904	0.859							

Kenwood Drive

Kenwood Court to Bancroft Drive
0.41 miles



SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE

COMMITTEE REPORT OF: March 10, 2022

Item 4-B

SUPERVISORIAL DISTRICT: 4

SUBJECT: Radar Certification

LOCATION: Kenwood Drive from Kenwood Court to Bancroft Drive
(a distance of 0.41 miles) SPRING VALLEY (Thos.
Bros. 1271-B5)

INITIATED BY: DPW Traffic Engineering

REQUEST: Radar Certification

PROBLEM AS STATED BY REQUESTER:

Kenwood Drive from Kenwood Court to Bancroft Drive is currently posted with a 35 MPH speed limit. A preliminary review of prevailing speeds and roadway conditions could support radar certification of the 35 MPH speed limit.

Existing Traffic Devices

This segment of Kenwood Drive is a striped 2-lane undivided highway that is 32 to 62 feet wide. The roadway is striped with a two-way left turn lane and bike lanes. Kenwood Drive is also striped with a no passing centerline and bike lanes between Kenwood Ct and Helix Street. The road is posted with a stop ahead signs approaching the all-way stop controlled intersection with Helix Street. Kenwood Drive is classified as a Light Collector on the County General Plan Mobility Element Network. The road is posted with a 35 MPH speed limit.

Average Daily Traffic Volumes

01/23

Kenwood Drive:

200' E/o Bancroft Drive

6,435

Speed Data

**85th
Percentile**

**10 MPH
Pace**

**% in
Pace**

Kenwood Drive:

650' W/o Helix Street

(2023) 39.2 MPH

41-50

75.0%

Collision Data

There have been 16 reported collisions, 5 of which involved an injury, along this segment of roadway in a 3-year period (2019-11-01 to 2022-10-31). These collisions result in a segment accident rate of 5.55 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.



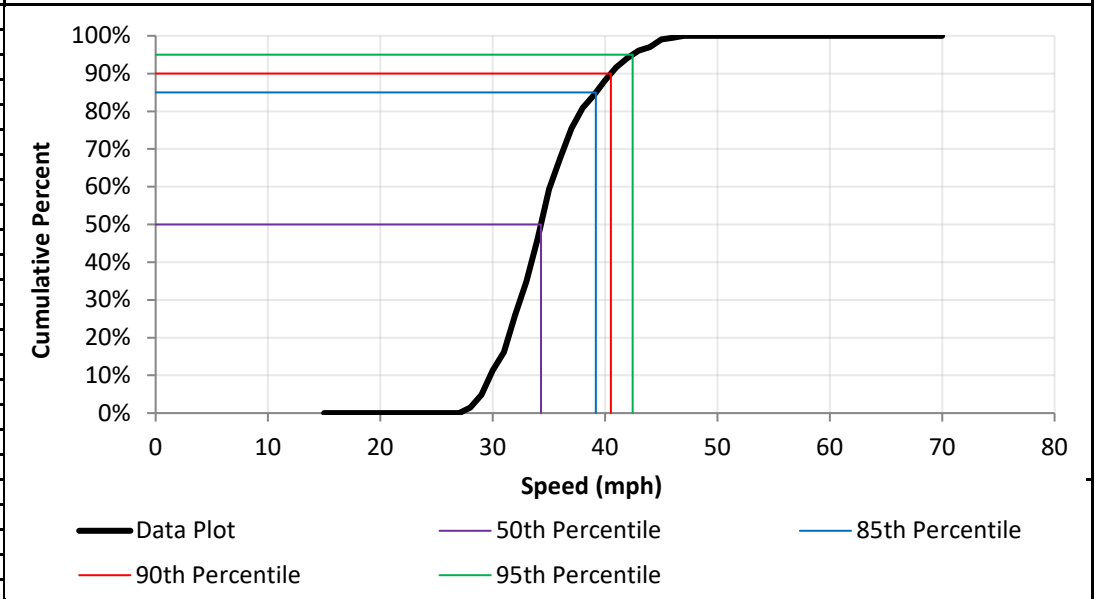
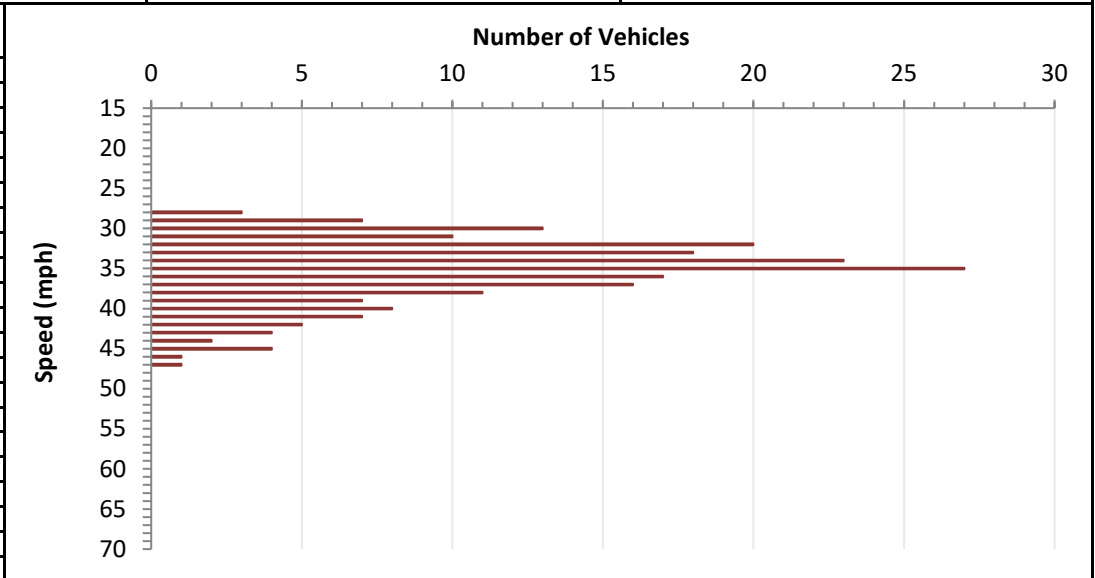
RADAR SPEED SURVEY

SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

Road Name:	Kenwood Dr	From: Kenwood Ct	To: Bancroft Dr
Position:	650' W/o Helix St	Direction:	EB/WB

Date:	1/25/2023	Weather:	Clear	Project Number:	23-040014-008
Time Start:	1:00 PM	Road Condition:	Dry	Observer:	Contractor
Time End:	3:00 PM	Posted Speed:	35 MPH	Calibration Test:	Y

Speed (mph)	Num. Veh.	Cum. Pct.
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		
26		
27		
28	3	1.5%
29	7	4.9%
30	13	11.3%
31	10	16.2%
32	20	26.0%
33	18	34.8%
34	23	46.1%
35	27	59.3%
36	17	67.6%
37	16	75.5%
38	11	80.9%
39	7	84.3%
40	8	88.2%
41	7	91.7%
42	5	94.1%
43	4	96.1%
44	2	97.1%
45	4	99.0%
46	1	99.5%
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	204	



DATA ANALYSIS

Average Speed	35.3	Range	28 - 47
50th Percentile	34.3	10 mph Pace	29 - 38
85th Percentile	39.2	Number in Pace	162
90th Percentile	40.5	Percent in Pace	79%
95th Percentile	42.5		

VOLUME

Kenwood Dr E/O 200' Bancroft Dr

Day: Wednesday

Date: 1/18/2023

City: Spring Valley

Project #: CA23_040013_006

DAILY TOTALS					NB	SB						EB	WB	Total	
					0	0						3,231	3,204	6,435	
AM Period	NB	SB	EB	WB	TOTAL		PM Period	NB	SB	EB	WB	TOTAL			
00:00			5	8	13		12:00			46	50	96			
00:15			7	3	10		12:15			40	40	80			
00:30			5	2	7		12:30			51	35	86			
00:45			4	21	10	23	12:45			42	179	37	162	79	341
01:00			3	2	5		13:00			47	51	98			
01:15			5	3	8		13:15			49	42	91			
01:30			7	3	10		13:30			48	43	91			
01:45			4	19	1	9	13:45			51	195	40	176	91	371
02:00			2	2	4		14:00			51	44	95			
02:15			4	1	5		14:15			43	58	101			
02:30			2	2	4		14:30			63	70	133			
02:45			4	12	3	8	14:45			65	222	69	241	134	463
03:00			2	2	4		15:00			66	65	131			
03:15			4	2	6		15:15			69	71	140			
03:30			1	1	2		15:30			75	57	132			
03:45			2	9	4	9	15:45			68	278	80	273	148	551
04:00			1	3	4		16:00			85	86	171			
04:15			2	4	6		16:15			76	87	163			
04:30			3	4	7		16:30			68	48	116			
04:45			6	12	13	24	16:45			66	295	64	285	130	580
05:00			8	10	18		17:00			75	68	143			
05:15			10	17	27		17:15			72	68	140			
05:30			11	26	37		17:30			61	66	127			
05:45			19	48	21	74	17:45			63	271	71	273	134	544
06:00			28	28	56		18:00			65	57	122			
06:15			21	19	40		18:15			49	44	93			
06:30			19	35	54		18:30			35	52	87			
06:45			30	98	31	113	18:45			49	198	36	189	85	387
07:00			27	39	66		19:00			48	41	89			
07:15			43	48	91		19:15			30	34	64			
07:30			73	56	129		19:30			27	26	53			
07:45			76	219	71	214	19:45			22	127	26	127	48	254
08:00			47	85	132		20:00			31	25	56			
08:15			52	61	113		20:15			33	30	63			
08:30			80	53	133		20:30			22	22	44			
08:45			59	238	59	258	20:45			22	108	24	101	46	209
09:00			54	43	97		21:00			34	33	67			
09:15			43	46	89		21:15			30	21	51			
09:30			41	38	79		21:30			21	16	37			
09:45			43	181	49	176	21:45			18	103	13	83	31	186
10:00			37	42	79		22:00			7	14	21			
10:15			27	41	68		22:15			10	15	25			
10:30			45	28	73		22:30			7	13	20			
10:45			45	154	42	153	22:45			11	35	9	51	20	86
11:00			38	51	89		23:00			12	9	21			
11:15			41	22	63		23:15			12	9	21			
11:30			41	38	79		23:30			10	9	19			
11:45			46	166	36	147	23:45			9	43	8	35	17	78
TOTALS				1177	1208	2385	TOTALS				2054	1996	4050		
SPLIT %				49.4%	50.6%	37.1%	SPLIT %				50.7%	49.3%	62.9%		

DAILY TOTALS					NB	SB						EB	WB	Total	
					0	0						3,231	3,204	6,435	
AM Peak Hour			07:45	07:30	07:45		PM Peak Hour			15:30	15:30	15:30			
AM Pk Volume			255	273	525		PM Pk Volume			304	310	614			
Pk Hr Factor			0.797	0.803	0.893		Pk Hr Factor			0.894	0.891	0.898			
7 - 9 Volume	0	0	457	472	929		4 - 6 Volume	0	0	566	558	1124			
7 - 9 Peak Hour			07:45	07:30	07:45		4 - 6 Peak Hour			16:00	16:00	16:00			
7 - 9 Pk Volume	0	0	255	273	525		4 - 6 Pk Volume	0	0	295	285	580			
Pk Hr Factor	0.000	0.000	0.797	0.803	0.893		Pk Hr Factor	0.000	0.000	0.868	0.819	0.848			

Fifth Street

Rainbow Valley Boulevard to Old Highway 395
0.64 miles



Unposted
SPEED
LIMIT
55

SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE

COMMITTEE REPORT OF: March 10, 2022

Item 5-A

SUPERVISORIAL DISTRICT: 5

SUBJECT: Radar Certification

LOCATION: Fifth Street to Rainbow Valley Boulevard to Old Highway 395 (a distance of 0.64 miles) RAINBOW (Thos. Bros. 998-J5)

INITIATED BY: DPW Traffic Engineering

REQUEST: Radar Certification

PROBLEM AS STATED BY REQUESTER:

Fifth Street to Rainbow Valley Boulevard to Old Highway 395 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 of the 30 MPH speed limit.

Existing Traffic Devices

This segment of Fifth Street is a striped 2-lane undivided highway that is 26 feet wide. The roadway is striped with with a no passing centerline and white edgeline. The road is posted with dip advisory signs and school zone signage. Fifth Street is classified as a Light Collector on the County General Plan Mobility Element Network. The road has no posted speed limit.

Average Daily Traffic Volumes 10/22

Fifth Street:	
500' E/o Huffstatler Street	2,163

<u>Speed Data</u>	<u>85th Percentile</u>	<u>10 MPH Pace</u>	<u>% in Pace</u>
--------------------------	-------------------------------	---------------------------	-------------------------

Fifth Street:			
400' W/o Huffstatler Street	(2023) 37.3 MPH	27-36	69.0%

Collision Data

There have been 2 reported collisions along this segment of roadway in a 3-year period (2019-11-01 to 2022-10-31). These collisions result in a segment accident rate of 1.32 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.



County of San Diego

Derek Gade
DIRECTOR

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

TRAFFIC ENGINEERING RECOMMENDATION

Date: February 16, 2023 

Item Title: Formal Speed Limit

Location: 5th Street from Old Hwy 395 to Rainbow Valley Boulevard

Traffic Engineering Staff Recommendation: **Establish 30MPH 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.
- 5th Street between Old Hwy 395 and Rainbow Valley Boulevard is a two-lane Local roadway with no bike lanes. 5th Street is approximately 30' wide striped with a double yellow center line, white edge line, with limited shoulder and no concrete curb gutter or sidewalk.
- Vallecito's Elementary School and Rainbow Valley Park front the south side of 5th Street between Huffstatler Street and Rainbow Valley Boulevard.
- 5th Street currently does not have a posted speed limit. Preliminary review of prevailing speeds and roadway conditions could support posting a 30mph speed limit on 5th Street from Old Hwy 395 to Rainbow Valley Boulevard.
- Recent speed surveys on 5th Street taken on January 19, 2023, 400' west of Huffstatler Street resulted in an overall prevailing speed of 37.3 mph.

- A review of the roadway collision data for the most recent three-year period (Jan 2019 to November 2022) shows a total of 2 reported collisions on the subject segment of 5th Street which results in a collision rate of 1.32 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 noted speed survey on 5th Street and the guidance of the CA MUTCD section 2B.13, a 30-mph speed limit on 5th Street between Old Hwy 395 and Rainbow Valley Boulevard is reasonable and safe.



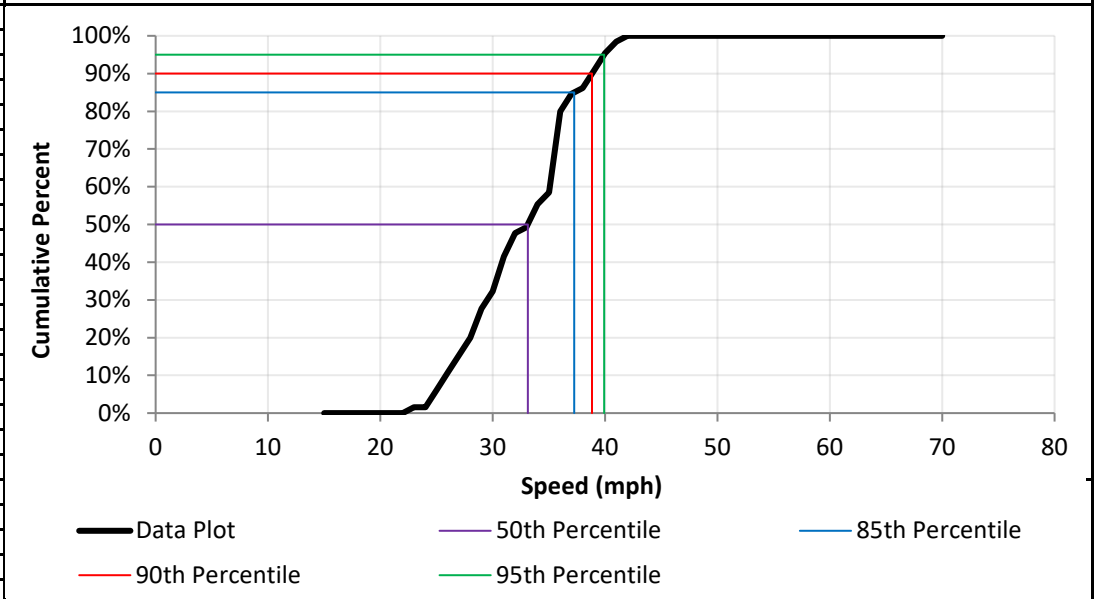
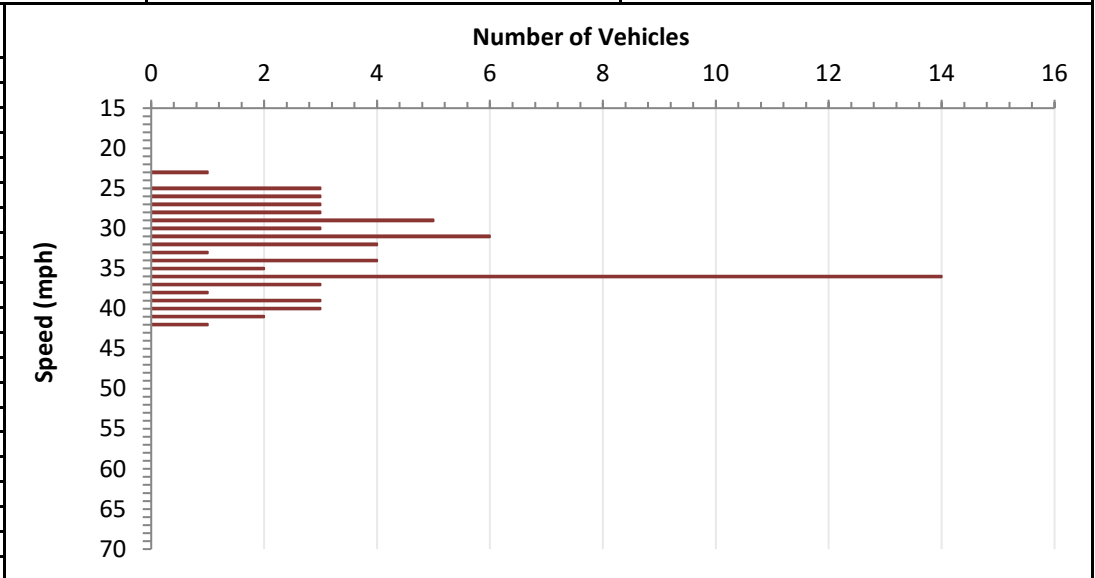
RADAR SPEED SURVEY

SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

Road Name:	5th Street	From: Huffstatler St	To: Old Hwy 395
Position:	400' west of Huffstatler St	Direction:	WB/EB

Date:	1/19/2023	Weather:	Sunny	Project Number:	0
Time Start:	10:42 AM	Road Condition:	Dry	Observer:	Genevive
Time End:	12:50 AM	Posted Speed:	30 MPH	Calibration Test:	0

Speed (mph)	Num. Veh.	Cum. Pct.
15		
16		
17		
18		
19		
20		
21		
22		
23	1	1.5%
24		
25	3	6.2%
26	3	10.8%
27	3	15.4%
28	3	20.0%
29	5	27.7%
30	3	32.3%
31	6	41.5%
32	4	47.7%
33	1	49.2%
34	4	55.4%
35	2	58.5%
36	14	80.0%
37	3	84.6%
38	1	86.2%
39	3	90.8%
40	3	95.4%
41	2	98.5%
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	65	



DATA ANALYSIS

Average Speed	33.0	Range	23 - 42
50th Percentile	33.1	10 mph Pace	27 - 36
85th Percentile	37.3	Number in Pace	45
90th Percentile	38.8	Percent in Pace	69%
95th Percentile	39.9		

VOLUME
5th St 500' E/O Huffstatler St

Day: Tuesday
Date: 10/11/2022

City: Fallbrook
Project #: CA22_040188_001

DAILY TOTALS					NB	SB	EB					WB	Total
					0	0	1,600					563	2,163
AM Period	NB	SB	EB	WB	TOTAL		PM Period	NB	SB	EB	WB	TOTAL	
0:00	0	0	0	0	1	1	12:00	0	0	10	10	20	
0:15	0	0	0	1			12:15	0	0	10	10	20	
0:30	0	0	0	0			12:30	0	0	13	6	19	
0:45	0	0	0	0			1	12:45	0	0	8	41	5
1:00	0	0	0	0	1	1	13:00	0	0	6	12	18	
1:15	0	0	0	0			13:15	0	0	14	14	28	
1:30	0	0	0	0			13:30	0	0	6	11	17	
1:45	0	0	1	1			0	13:45	0	0	11	37	7
2:00	0	0	2	0	2	2	14:00	0	0	14	8	22	
2:15	0	0	0	0			14:15	0	0	11	9	20	
2:30	0	0	0	1			14:30	0	0	18	10	28	
2:45	0	0	1	3			0	14:45	0	0	34	77	19
3:00	0	0	0	0	1	1	15:00	0	0	25	21	46	
3:15	0	0	0	1			15:15	0	0	35	16	51	
3:30	0	0	0	1			15:30	0	0	73	36	109	
3:45	0	0	0	1			3	15:45	0	0	109	242	13
4:00	0	0	2	0	2	2	16:00	0	0	99	17	116	
4:15	0	0	0	1			16:15	0	0	91	7	98	
4:30	0	0	1	0			16:30	0	0	123	8	131	
4:45	0	0	4	7			0	16:45	0	0	132	445	5
5:00	0	0	0	0	2	2	17:00	0	0	123	5	128	
5:15	0	0	1	1			17:15	0	0	123	7	130	
5:30	0	0	3	1			17:30	0	0	95	8	103	
5:45	0	0	3	7			5	17:45	0	0	27	368	10
6:00	0	0	5	6	11	11	18:00	0	0	18	4	22	
6:15	0	0	8	6			18:15	0	0	7	8	15	
6:30	0	0	20	12			18:30	0	0	11	5	16	
6:45	0	0	21	54			11	18:45	0	0	8	44	6
7:00	0	0	9	11	20	20	19:00	0	0	11	2	13	
7:15	0	0	8	17			19:15	0	0	4	3	7	
7:30	0	0	20	14			19:30	0	0	6	3	9	
7:45	0	0	20	57			19	19:45	0	0	7	28	5
8:00	0	0	35	24	59	59	20:00	0	0	6	6	12	
8:15	0	0	18	23			20:15	0	0	2	0	2	
8:30	0	0	12	5			20:30	0	0	5	1	6	
8:45	0	0	12	77			6	20:45	0	0	3	16	4
9:00	0	0	6	12	18	18	21:00	0	0	3	2	5	
9:15	0	0	5	3			21:15	0	0	2	1	3	
9:30	0	0	6	3			21:30	0	0	4	2	6	
9:45	0	0	4	21			4	21:45	0	0	0	9	0
10:00	0	0	10	10	20	20	22:00	0	0	0	0	0	
10:15	0	0	3	6			22:15	0	0	2	2	4	
10:30	0	0	9	1			22:30	0	0	3	2	5	
10:45	0	0	8	30			2	22:45	0	0	1	6	3
11:00	0	0	3	3	6	6	23:00	0	0	0	0	0	
11:15	0	0	12	4			23:15	0	0	1	0	1	
11:30	0	0	7	11			23:30	0	0	0	0	0	
11:45	0	0	7	29			4	23:45	0	0	0	1	0
TOTALS	286				230	516	TOTALS	1314				333	1647
SPLIT %	55.4%				44.6%	23.9%	SPLIT %	79.8%				20.2%	76.1%

DAILY TOTALS					NB	SB						EB	WB	Total
					0	0						1,600	563	2,163
AM Peak Hour	7:30			7:30	7:30	7:30	PM Peak Hour	16:30			14:45	16:30	16:30	
AM Pk Volume	93			80	173	173	PM Pk Volume	501			92	526	526	
Pk Hr Factor	0.664			0.833	0.733	0.733	Pk Hr Factor	0.949			0.639	0.960	0.960	
7 - 9 Volume	0	0	134	119	253	253	4 - 6 Volume	0	0	813	67	880	880	
7 - 9 Peak Hour	7:30			7:30	7:30	7:30	4 - 6 Peak Hour	16:30			16:00	16:30	16:30	
7 - 9 Pk Volume	0	0	93	80	173	173	4 - 6 Pk Volume	0	0	501	37	526	526	
Pk Hr Factor	0.000	0.000	0.664	0.833	0.733	0.733	Pk Hr Factor	0.000	0.000	0.949	0.544	0.960	0.960	

From: [michael darnley](#)
To: [Bartley, Ernest](#)
Cc: [Heather Reinhardt](#); [Heather Reinhardt](#)
Subject: [External] 5th Street Speed Limit-Fallbrook CA {Rainbow}
Date: Thursday, February 16, 2023 4:52:50 PM
Attachments: [image001.png](#)

Hi Ernie,

I've been made aware of your latest efforts to analyze the traffic flow on 5th Street in the Rainbow area of Fallbrook. I spoke with you previously on a conference call with Heather Reinhardt to discuss the challenges we've had with traffic in this area and the dangers to our students, staff, and families. The school district is very appreciative of your efforts and we welcome any improvements that can be made to keep our school safe.

We support reducing the speed limit on 5th Street if your analysis shows that's appropriate. Any other features that go along with this would also be welcome, such as speed limit signs and blinking signs in the school zone.

Thank you Ernie. Please let me know if I can be of any assistance in this matter.

Mike

Michael Darnley
President, Board of Trustees





Board of Education

Melissa Cox
Michael Darnley
Terese Kristensen
Dr. Martin Kurland

Meliton Sanchez
Superintendent / CBO

February 17, 2023

Mr. Ernie Bartley
San Diego County Department of Public Works
5500 Overland Ave # 310
San Diego, CA 92123

Mr. Bartley:

The purpose of this correspondence is to advocate for a posted speed limit on Fifth Street and a four-way stop sign at the intersection of Fifth Street and Huffstatler Street in Rainbow, CA.

The afternoon commuters working their way from North County San Diego into the Temecula / South Riverside County area often use Fifth Street as a detour to avoid the crowded freeway and most every driver shows very little regard for the fact that they enter our school zone.

I am afraid that we may have an incident occur in the future where a person is harmed by a speeding vehicle so I am hopeful that you will support our requests so we can mitigate the factors that may lead to such an incident.

I appreciate your time, consideration, and support for our request. Please reach out to me if I can provide additional information or be of any further assistance to you in this effort.

Respectfully,

Meliton Sanchez
Superintendent / CBO
Vallecitos School District

La Sombra Drive

south side, Discovery Street to San Marcos city limit
approximately 0.10 miles



5-B. Parking Restriction

SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE

COMMITTEE REPORT OF: March 10, 2022

Item 5-B

SUPERVISORIAL DISTRICT: 5

SUBJECT: Parking Restriction

LOCATION: La Sombra Drive, west side, from Discovery Street to the San Marcos city limit (a distance of 0.10 miles)
LAKE SAN MARCOS (Thos. Bros. 1128-D2)

INITIATED BY: DPW Traffic Engineering

REQUEST: No Parking – 8 AM to 10 AM, School Days

PROBLEM AS STATED BY REQUESTER:

During school hours at the nearby San Marcos High School, parking along La Sombra Drive south of Discovery Street limits sight distance along the roadway for pedestrians and motorists. Residents fronting the La Sombra Drive from Discovery Street to the San Marcos city limit have provided support for a no parking restriction from 8 AM to 10 AM on school days on the west side of this section of road. The residents have asked that the Traffic Advisory Committee support this restriction.

Existing Traffic Devices

This segment of La Sombra Drive is a striped 2-lane undivided highway that is 40 feet wide. The roadway is striped with a no passing centerline and white edgeline. The road is posted with stop ahead signs approaching Discovery Street and La Noche Drive. La Sombra is unclassified on the County General Plan Mobility Element Network. The road has a posted 25 MPH, radar enforced, speed limit.

*Westside of the 900 block of La Sombra Drive,
San Marcos, CA 92078
No Stopping Petition*

I/We the undersigned, residing at 902 La Sombra Drive, request the San Diego Board of Supervisors and the San Diego Traffic Advisory Committee to install traffic signs that state "NO STOPPING, 8 TO 10 AM, SCHOOL DAYS" to alleviate parking by students from San Marcos High School. The signs shall be placed on the West side of the street.

Print Name : Stacey Berry

Date: 9/19/22

Signature: [Signature]

Print Name : ERIC BERRY

Date: 9/19/22

Signature: [Signature]



*Westside of the 900 block of La Sombra Drive,
San Marcos, CA 92078
No Stopping Petition*

I/We the undersigned, residing at 908 La Sombra Drive, request the San Diego Board of Supervisors and the San Diego Traffic Advisory Committee to install traffic signs that state "NO STOPPING, 8 TO 10 AM, SCHOOL DAYS" to alleviate parking by students from San Marcos High School. The signs shall be placed on the West side of the street.

Print Name : Jeff Attig

Date: 9/16/22

Signature: Jeff Attig

Print Name : _____

Date: _____

Signature: _____



*Westside of the 900 block of La Sombra Drive,
San Marcos, CA 92078
No Stopping Petition*

I/We the undersigned, residing at 914 La Sombra Drive, request the San Diego Board of Supervisors and the San Diego Traffic Advisory Committee to install traffic signs that state "NO STOPPING, 8 TO 10 AM, SCHOOL DAYS" to alleviate parking by students from San Marcos High School. The signs shall be placed on the West side of the street.

Print Name : Marcia Lehr Date: 9-16-22

Signature: [Signature]

Print Name : _____

Date: _____

Signature: _____



*Westside of the 900 block of La Sombra Drive,
San Marcos, CA 92078
No Stopping Petition*

I/We the undersigned, residing at 920 La Sombra Drive, request the San Diego Board of Supervisors and the San Diego Traffic Advisory Committee to install traffic signs that state "NO STOPPING, 8 TO 10 AM, SCHOOL DAYS" to alleviate parking by students from San Marcos High School. The signs shall be placed on the West side of the street.

Print Name: Nile Simon

Date: 9-16-22

Signature: Nile Simon

Print Name: Sean Simon

Date: 9-16-22

Signature: Sean Simon



*Westside of the 900 block of La Sombra Drive,
San Marcos, CA 92078
No Stopping Petition*

I/We the undersigned, residing at 926 La Sombra Drive, request the San Diego Board of Supervisors and the San Diego Traffic Advisory Committee to install traffic signs that state "NO STOPPING, 8 TO 10 AM, SCHOOL DAYS" to alleviate parking by students from San Marcos High School. The signs shall be placed on the West side of the street.

Print Name : KEITH LAMBERTH

Date: 9/16/2022

Signature: *Keith Lambirth*

Print Name : _____

Date: _____

Signature: _____



*Westside of the 900 block of La Sombra Drive,
San Marcos, CA 92078
No Stopping Petition*

I/We the undersigned, residing at 932 La Sombra Drive, request the San Diego Board of Supervisors and the San Diego Traffic Advisory Committee to install traffic signs that state "NO STOPPING, 8 TO 10 AM, SCHOOL DAYS" to alleviate parking by students from San Marcos High School. The signs shall be placed on the West side of the street.

Print Name : Rachel Dezember

Date: 9/16/22

Signature: Rachel Dezember

Print Name : _____

Date: _____

Signature: _____



*Westside of the 900 block of La Sombra Drive,
San Marcos, CA 92078
No Stopping Petition*

I/We the undersigned, residing at 938 La Sombra Drive, request the San Diego Board of Supervisors and the San Diego Traffic Advisory Committee to install traffic signs that state "NO STOPPING, 8 TO 10 AM, SCHOOL DAYS" to alleviate parking by students from San Marcos High School. The signs shall be placed on the West side of the street.

Print Name : David Cox

Date: 9-16-22

Signature: 

Print Name : _____

Date: _____

Signature: _____

