

San Diego County Traffic Advisory Committee



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

Represented Agencies

County of San Diego Fire Authority
California Department of
Transportation
California Highway Patrol
Independent Insurance Agents
& Brokers of San Diego
San Diego County Bicycle Coalition
San Diego County Department of
Public Works
San Diego County Office of Education
Pacific Safety Center
San Diego County Sheriff's
Department

October 17, 2023

TO: Community Planning/Sponsor Group Chairpersons

FROM: Secretary, Traffic Advisory Committee

MEETING NOTICE

Attached is the preliminary agenda for the October 27, 2023 meeting of the Traffic Advisory Committee (TAC).

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 kenton.jones@sdcounty.ca.gov. TAC staff is available to provide background information on items and to answer questions you may have.

This TAC meeting on October 27, 2023, will be conducted with a virtual meeting platform option. Please join us in person or use this link below to join the meeting:

Join on your computer, mobile app or room device

[Click here to join the meeting](#)

Meeting ID: 274 843 775 804

Passcode: wHedsk

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Or call in (audio only)

[+1 619-343-2539,,171361270#](#) United States, San Diego

Phone Conference ID: 171 361 270#

[Find a local number](#) | [Reset PIN](#)

Very truly yours,

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

KRJ:bb
Attachment



SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE

**October 27, 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**

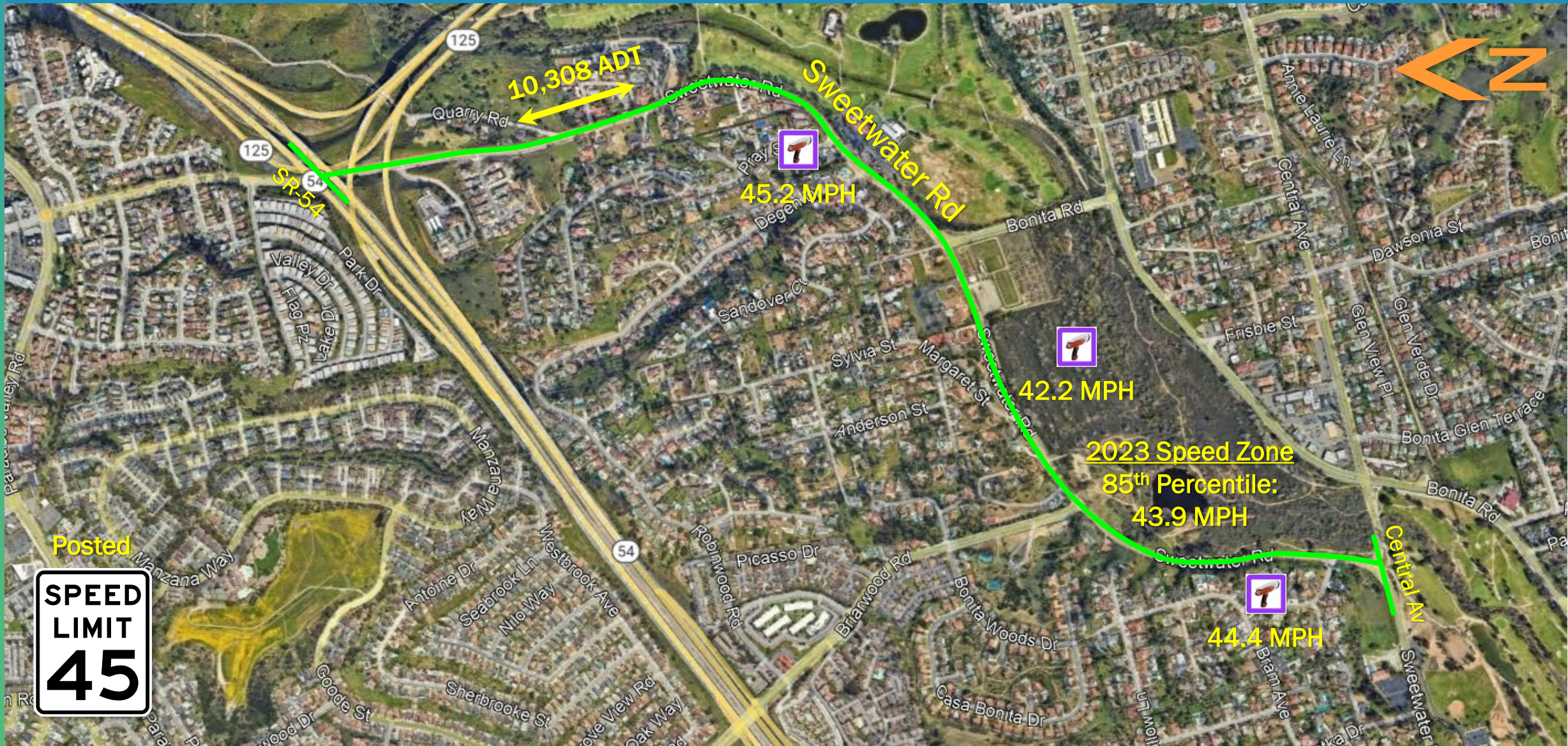
SUBJECT	LOCATION	AREA/ COMMUNITY GROUP
<u>SUPERVISORIAL DISTRICT 1</u>		
1-A. RADAR CERTIFICATION	SWEETWATER RD STATE ROUTE 54 TO CENTRAL AV	BONITA/ SWEETWATER CPG
<u>SUPERVISORIAL DISTRICT 5</u>		
5-A. RADAR CERTIFICATION	POINSETTIA AV SOUTH SANTA FE AV TO SMILAX RD	SAN MARCOS/ N/A
5-B. RADAR CERTIFICATION	SOUTH SANTA FE AV VISTA CITY LIMIT TO SMILAX RD	SAN MARCOS/ N/A
5-C. RADAR CERTIFICATION	MISSION RD WINTER HAVEN RD TO HILL AV	FALLBROOK/ FALLBROOK CPG
5-D. RADAR CERTIFICATION	LAKE WOHLFORD RD GUEJITO RD TO ESCONDIDO CITY LIMIT	VALLEY CENTER/ 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>

Sweetwater Road

State Route 54 to Central Avenue (1.92 miles)



SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE

COMMITTEE REPORT OF: October 27, 2023

Item 1-A

SUPERVISORIAL DISTRICT: 1

SUBJECT: Radar Certification

LOCATION: Sweetwater Road from State Route 54 to Central Avenue (a distance of miles) BONITA (Thos. Bros. 1290-J6)

INITIATED BY: DPW Traffic Engineering

REQUEST: Radar Recertification

PROBLEM AS STATED BY REQUESTER:

Sweetwater Road from State Route 54 to Central Avenue 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

Sweetwater Road is striped 2-lane divided through highway from State Route 54 to Central Avenue. There is a short section of two-way left turn separating both directions of travel between Pray Street and Bonita Road. The road is 24 to 52 feet wide. There is edge and bike striping on each side of the roadway. Sweetwater Road is currently classified as a Light Collector Road from State Route 54 to Briarwood Road and classified as a Community Collector Road from Briarwood Road to Central Avenue on the County General Plan Mobility Element Network. The road is posted with a 45 MPH radar enforced speed limit from Bonita Road to Central Avenue.

Average Daily Traffic Volumes

	<u>08/23</u>	<u>02/16</u>
Sweetwater Road:		
200' S/o Quarry Road	8,700	
100' E/o Margaret Street	6,968	8,560
200' E/o Central Avenue	15,257	17,730

<u>Speed Data</u>		<u>85th Percentile</u>	<u>10 MPH Pace</u>	<u>% in Pace</u>
Sweetwater Road:				
@ Pray Street	(2023)	45.2 MPH	38-47	83%
460' E/o Margaret Street	(2023)	42.2 MPH	33-42	78%
	(2016)	47.0 MPH		

690' N/o Bonita Woods Drive	(2023)	44.4 MPH	35-44	77%
	(2016)	48.0 MPH	40-49	90%
Speed Zone	(2023)	43.9 MPH	35-44	79%

Collision Data

There have been 11 reported collisions, 3 which included an injury, along this segment of roadway in a 3-year period (2020-07-01 to 2023-06-30). These collisions result in a segment accident rate of 0.51 collisions per million vehicle miles. The statewide average is 1.24 collisions per million vehicle miles for similar suburban, conventional 2 lanes or less, roads with speeds between 45 and 55 MPH.

VOLUME

Sweetwater Rd 200' S/O Quarry Rd

Day: Thursday
Date: 6/8/2023City: Bonita
Project #: CA23_040123_005

DAILY TOTALS					NB	SB						EB	WB						Total
					4,568	4,132						0	0						8,700
AM Period	NB	SB	EB	WB	TOTAL		PM Period	NB	SB	EB	WB	TOTAL							
00:00	8	9			17		12:00	58	59			117							
00:15	8	8			16		12:15	69	54			123							
00:30	3	5			8		12:30	85	52			137							
00:45	5	24	5	27	10	51	12:45	76	288	41	206	117	494						
01:00	6	3			9		13:00	53	52			105							
01:15	5	6			11		13:15	75	59			134							
01:30	4	4			8		13:30	69	61			130							
01:45	5	20	1	14	6	34	13:45	68	265	76	248	144	513						
02:00	1	2			3		14:00	82	61			143							
02:15	2	2			4		14:15	78	68			146							
02:30	3	3			6		14:30	88	60			148							
02:45	4	10	1	8	5	18	14:45	72	320	79	268	151	588						
03:00	2	6			8		15:00	82	64			146							
03:15	1	3			4		15:15	81	92			173							
03:30	1	4			5		15:30	75	83			158							
03:45	2	6	7	20	9	26	15:45	92	330	79	318	171	648						
04:00	3	3			6		16:00	92	88			180							
04:15	2	12			14		16:15	94	83			177							
04:30	6	7			13		16:30	112	85			197							
04:45	5	16	12	34	17	50	16:45	90	388	96	352	186	740						
05:00	8	7			15		17:00	97	96			193							
05:15	13	15			28		17:15	113	92			205							
05:30	14	18			32		17:30	79	103			182							
05:45	26	61	33	73	59	134	17:45	85	374	72	363	157	737						
06:00	26	21			47		18:00	83	95			178							
06:15	34	22			56		18:15	71	99			170							
06:30	35	31			66		18:30	73	77			150							
06:45	37	132	50	124	87	256	18:45	85	312	77	348	162	660						
07:00	52	36			88		19:00	84	53			137							
07:15	83	70			153		19:15	70	50			120							
07:30	78	71			149		19:30	82	41			123							
07:45	78	291	77	254	155	545	19:45	81	317	47	191	128	508						
08:00	72	59			131		20:00	50	42			92							
08:15	47	58			105		20:15	52	39			91							
08:30	56	71			127		20:30	59	32			91							
08:45	56	231	73	261	129	492	20:45	46	207	32	145	78	352						
09:00	57	62			119		21:00	41	26			67							
09:15	55	50			105		21:15	38	37			75							
09:30	52	64			116		21:30	34	33			67							
09:45	58	222	42	218	100	440	21:45	43	156	17	113	60	269						
10:00	42	53			95		22:00	33	20			53							
10:15	62	44			106		22:15	21	12			33							
10:30	59	57			116		22:30	19	14			33							
10:45	56	219	74	228	130	447	22:45	11	84	12	58	23	142						
11:00	59	57			116		23:00	14	14			28							
11:15	70	44			114		23:15	18	7			25							
11:30	54	63			117		23:30	12	15			27							
11:45	58	241	54	218	112	459	23:45	10	54	7	43	17	97						
TOTALS	1473	1479			2952		TOTALS	3095	2653			5748							
SPLIT %	49.9%	50.1%			33.9%		SPLIT %	53.8%	46.2%			66.1%							

DAILY TOTALS					NB	SB						EB	WB						Total
					4,568	4,132						0	0						8,700
AM Peak Hour	07:15	07:15			07:15		PM Peak Hour	16:30	16:45			16:30							
AM Pk Volume	311	277			588		PM Pk Volume	412	387			781							
Pk Hr Factor	0.937	0.899			0.948		Pk Hr Factor	0.912	0.939			0.952							
7 - 9 Volume	522	515	0	0	1037		4 - 6 Volume	762	715	0	0	1477							
7 - 9 Peak Hour	07:15	07:15			07:15		4 - 6 Peak Hour	16:30	16:45			16:30							
7 - 9 Pk Volume	311	277	0	0	588		4 - 6 Pk Volume	412	387	0	0	781							
Pk Hr Factor	0.937	0.899	0.000	0.000	0.948		Pk Hr Factor	0.912	0.939	0.000	0.000	0.952							

VOLUME

Sweetwater Rd 100' E/O Margaret St

Day: Thursday
Date: 6/8/2023City: Bonita
Project #: CA23_040123_006

DAILY TOTALS					NB	SB						EB	WB	Total	
					0	0						3,590	3,378	6,968	
AM Period	NB	SB	EB	WB	TOTAL		PM Period	NB	SB	EB	WB	TOTAL			
00:00			3	3	6		12:00			51	53	104			
00:15			8	3	11		12:15			53	38	91			
00:30			5	4	9		12:30			47	39	86			
00:45			6	22	4	14	12:45			58	209	44	174	102	383
01:00			4	1	5		13:00			53	47	100			
01:15			7	2	9		13:15			57	45	102			
01:30			3	2	5		13:30			59	37	96			
01:45			4	18	2	7	13:45			75	244	51	180	126	424
02:00			5	0	5		14:00			66	73	139			
02:15			2	0	2		14:15			63	51	114			
02:30			5	6	11		14:30			65	65	130			
02:45			1	13	0	6	14:45			56	250	56	245	112	495
03:00			2	1	3		15:00			69	53	122			
03:15			2	5	7		15:15			67	53	120			
03:30			1	5	6		15:30			84	50	134			
03:45			3	8	1	12	15:45			75	295	63	219	138	514
04:00			3	4	7		16:00			90	53	143			
04:15			4	5	9		16:15			90	61	151			
04:30			1	17	18		16:30			88	66	154			
04:45			8	16	11	37	16:45			53	321	61	241	114	562
05:00			5	15	20		17:00			70	49	119			
05:15			4	20	24		17:15			64	56	120			
05:30			9	32	41		17:30			61	54	115			
05:45			14	32	27	94	17:45			69	264	51	210	120	474
06:00			16	38	54		18:00			67	74	141			
06:15			25	36	61		18:15			57	54	111			
06:30			29	37	66		18:30			67	51	118			
06:45			24	94	41	152	18:45			61	252	46	225	107	477
07:00			29	44	73		19:00			68	31	99			
07:15			28	61	89		19:15			64	38	102			
07:30			32	45	77		19:30			44	52	96			
07:45			31	120	58	208	19:45			47	223	37	158	84	381
08:00			53	50	103		20:00			56	36	92			
08:15			45	53	98		20:15			46	36	82			
08:30			58	73	131		20:30			44	27	71			
08:45			34	190	59	235	20:45			45	191	24	123	69	314
09:00			56	50	106		21:00			38	36	74			
09:15			39	54	93		21:15			29	43	72			
09:30			36	46	82		21:30			28	15	43			
09:45			39	170	48	198	21:45			34	129	17	111	51	240
10:00			32	52	84		22:00			27	30	57			
10:15			44	55	99		22:15			25	18	43			
10:30			54	55	109		22:30			23	13	36			
10:45			41	171	48	210	22:45			16	91	10	71	26	162
11:00			46	62	108		23:00			18	5	23			
11:15			43	47	90		23:15			20	8	28			
11:30			63	61	124		23:30			13	7	20			
11:45			45	197	55	225	23:45			19	70	3	23	22	93
TOTALS			1051	1398	2449		TOTALS			2539	1980	4519			
SPLIT %			42.9%	57.1%	35.1%		SPLIT %			56.2%	43.8%	64.9%			

DAILY TOTALS					NB	SB						EB	WB	Total	
					0	0						3,590	3,378	6,968	
AM Peak Hour			11:30	08:30	08:15		PM Peak Hour			15:45	14:00	15:45			
AM Pk Volume			212	236	428		PM Pk Volume			343	245	586			
Pk Hr Factor			0.841	0.808	0.817		Pk Hr Factor			0.953	0.839	0.951			
7 - 9 Volume	0	0	310	443	753		4 - 6 Volume	0	0	585	451	1036			
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	190	235	425		4 - 6 Pk Volume	0	0	321	241	562			
Pk Hr Factor	0.000	0.000	0.819	0.805	0.811		Pk Hr Factor	0.000	0.000	0.892	0.913	0.912			

VOLUME

Sweetwater Rd 200' N/O Central Ave

Day: Thursday
Date: 6/15/2023City: Bonita
Project #: CA23_040123_007

DAILY TOTALS					NB	SB						EB	WB						Total
					7,313	7,944						0	0						15,257
AM Period	NB	SB	EB	WB	TOTAL		PM Period	NB	SB	EB	WB	TOTAL							
0:00	17	15			32		12:00	97	126			223							
0:15	14	13			27		12:15	128	102			230							
0:30	9	11			20		12:30	134	121			255							
0:45	8	48	12	51	20	99	12:45	97	456	117	466	214	922						
1:00	4	12			16		13:00	104	140			244							
1:15	3	7			10		13:15	120	130			250							
1:30	4	4			8		13:30	115	126			241							
1:45	7	18	10	33	17	51	13:45	108	447	148	544	256	991						
2:00	3	6			9		14:00	118	157			275							
2:15	5	3			8		14:15	143	144			287							
2:30	4	5			9		14:30	125	140			265							
2:45	5	17	7	21	12	38	14:45	119	505	134	575	253	1080						
3:00	5	8			13		15:00	113	143			256							
3:15	2	3			5		15:15	105	151			256							
3:30	6	5			11		15:30	107	144			251							
3:45	3	16	4	20	7	36	15:45	101	426	194	632	295	1058						
4:00	5	6			11		16:00	118	165			283							
4:15	14	3			17		16:15	123	153			276							
4:30	15	6			21		16:30	129	163			292							
4:45	13	47	10	25	23	72	16:45	130	500	158	639	288	1139						
5:00	24	6			30		17:00	163	155			318							
5:15	32	15			47		17:15	115	160			275							
5:30	50	19			69		17:30	134	141			275							
5:45	31	137	28	68	59	205	17:45	126	538	164	620	290	1158						
6:00	71	41			112		18:00	109	155			264							
6:15	80	43			123		18:15	117	143			260							
6:30	93	62			155		18:30	112	168			280							
6:45	79	323	64	210	143	533	18:45	121	459	129	595	250	1054						
7:00	75	62			137		19:00	98	109			207							
7:15	111	81			192		19:15	110	114			224							
7:30	115	127			242		19:30	87	101			188							
7:45	114	415	122	392	236	807	19:45	100	395	90	414	190	809						
8:00	125	106			231		20:00	107	73			180							
8:15	106	107			213		20:15	102	79			181							
8:30	108	105			213		20:30	89	74			163							
8:45	114	453	122	440	236	893	20:45	60	358	85	311	145	669						
9:00	98	120			218		21:00	61	70			131							
9:15	104	85			189		21:15	63	75			138							
9:30	104	121			225		21:30	57	76			133							
9:45	91	397	103	429	194	826	21:45	55	236	66	287	121	523						
10:00	107	110			217		22:00	48	55			103							
10:15	93	96			189		22:15	34	46			80							
10:30	117	128			245		22:30	36	38			74							
10:45	124	441	118	452	242	893	22:45	32	150	27	166	59	316						
11:00	117	124			241		23:00	29	21			50							
11:15	108	110			218		23:15	16	33			49							
11:30	112	114			226		23:30	10	25			35							
11:45	125	462	109	457	234	919	23:45	14	69	18	97	32	166						
TOTALS	2774	2598			5372		TOTALS	4539	5346			9885							
SPLIT %	51.6%	48.4%			35.2%		SPLIT %	45.9%	54.1%			64.8%							

DAILY TOTALS					NB	SB						EB	WB						Total
					7,313	7,944						0	0						15,257
AM Peak Hour	11:45	10:30			10:30		PM Peak Hour	16:15	15:45			16:15							
AM Pk Volume	484	480			946		PM Pk Volume	545	675			1174							
Pk Hr Factor	0.903	0.938			0.965		Pk Hr Factor	0.836	0.870			0.923							
7 - 9 Volume	868	832	0	0	1700		4 - 6 Volume	1038	1259	0	0	2297							
7 - 9 Peak Hour	7:15	7:30			7:30		4 - 6 Peak Hour	16:15	16:00			16:15							
7 - 9 Pk Volume	465	462	0	0	922		4 - 6 Pk Volume	545	639	0	0	1174							
Pk Hr Factor	0.930	0.909	0.000	0.000	0.952		Pk Hr Factor	0.836	0.968	0.000	0.000	0.923							



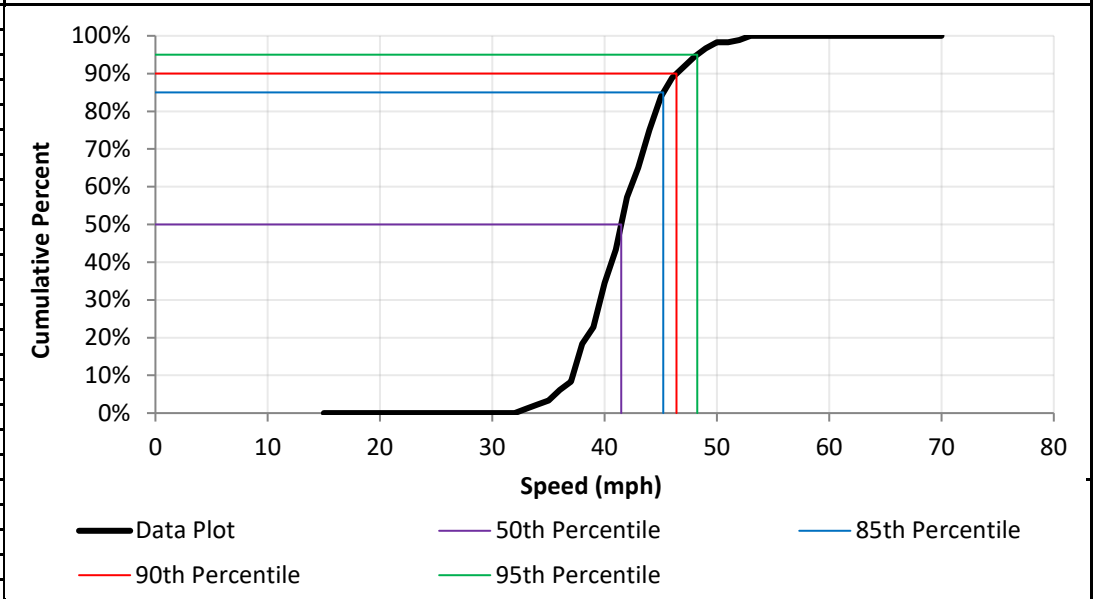
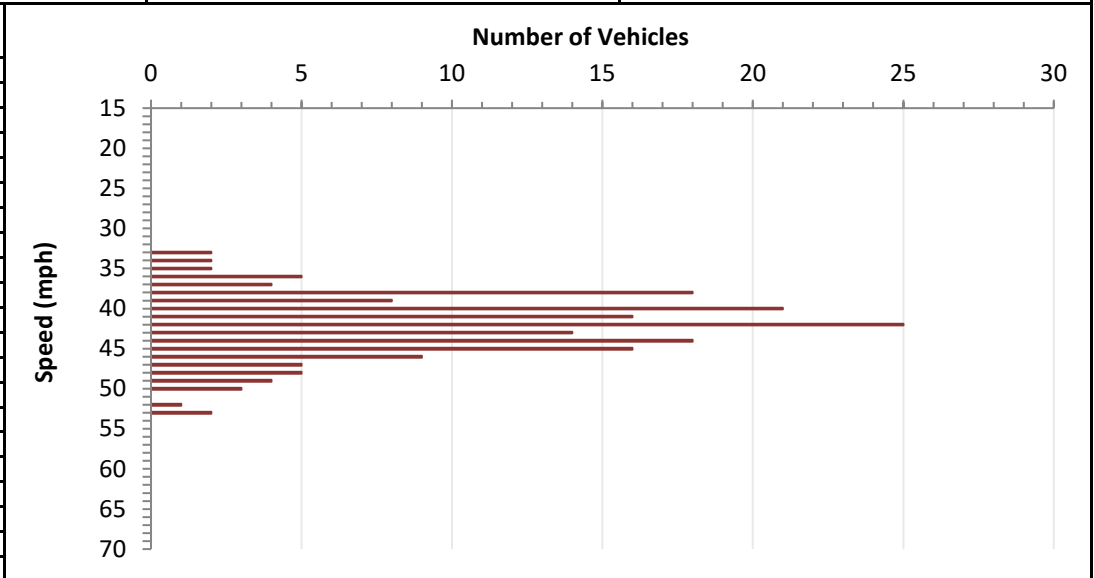
RADAR SPEED SURVEY

SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

Road Name:	Sweetwater Rd	From:	Worthington St/South Bay Fwy	To:	Central Av
Position:	Int of Pray St	Direction:	NB / SB		

Date:	10/3/2023	Weather:	Clear	Project Number:	TAC
Time Start:	12:50 PM	Road Condition:	Dry	Observer:	County
Time End:	1:35 PM	Posted Speed:	45	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	1.1%
34	2	2.2%
35	2	3.3%
36	5	6.1%
37	4	8.3%
38	18	18.3%
39	8	22.8%
40	21	34.4%
41	16	43.3%
42	25	57.2%
43	14	65.0%
44	18	75.0%
45	16	83.9%
46	9	88.9%
47	5	91.7%
48	5	94.4%
49	4	96.7%
50	3	98.3%
51		
52	1	98.9%
53	2	100.0%
54		
55		
56		
57		
58		
59		
60		
61		
62		
63		
64		
65		
66		
67		
68		
69		
70		
Total	180	



DATA ANALYSIS

Average Speed	42.1	Range	33 - 53
50th Percentile	41.5	10 mph Pace	38 - 47
85th Percentile	45.2	Number in Pace	150
90th Percentile	46.4	Percent in Pace	83%
95th Percentile	48.3		



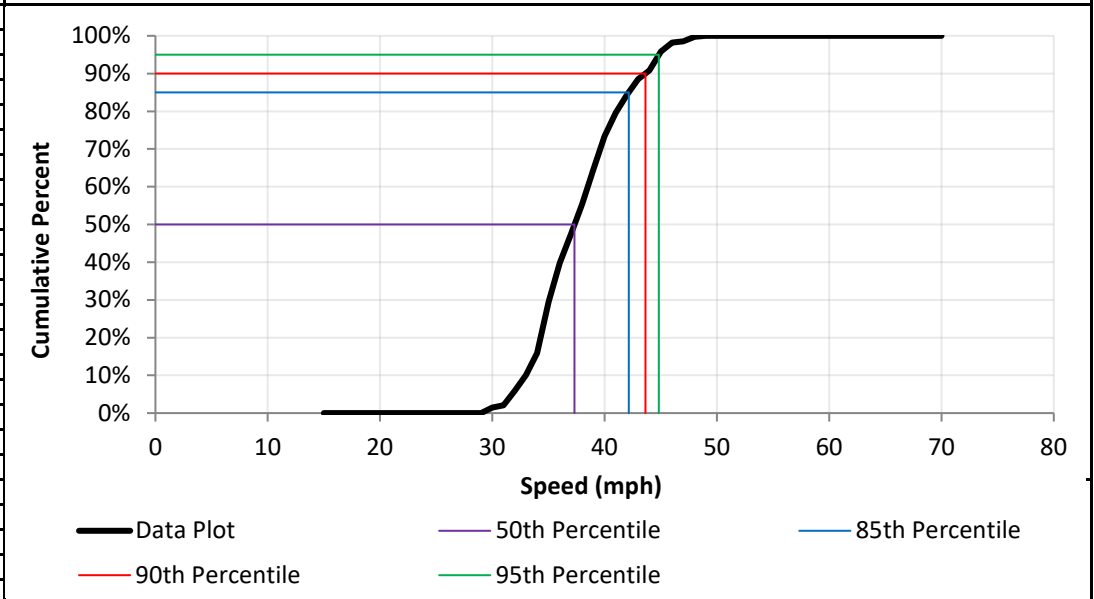
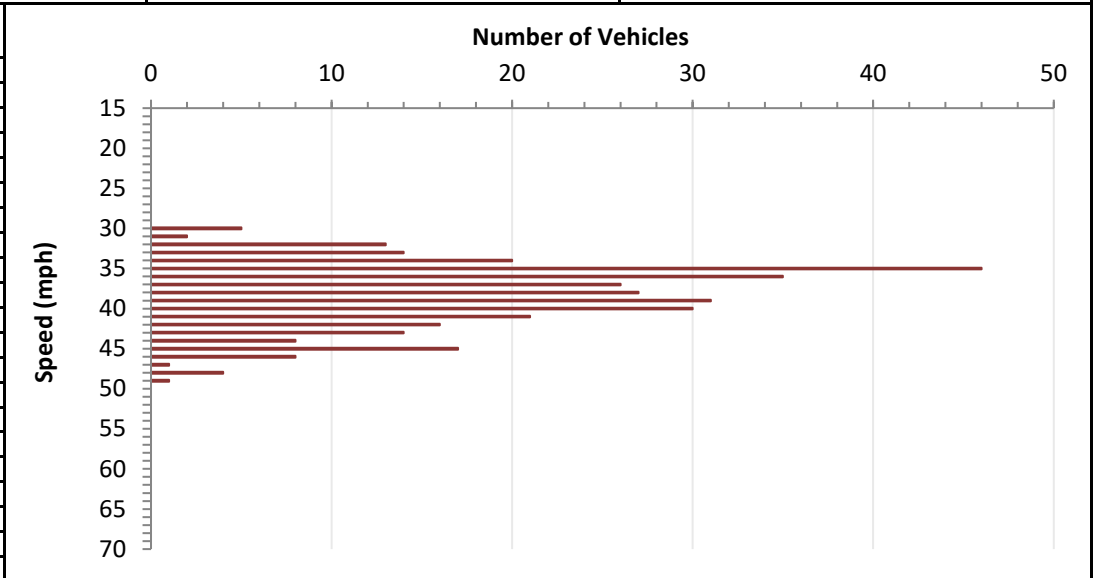
RADAR SPEED SURVEY

SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

Road Name:	Sweetwater Rd	From: Bonita Rd	To: Central Av
Position:	460' EO Margaret St	Direction:	NB/SB

Date:	6/7/2023	Weather:	Clear	Project Number:	23-040-124-002
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	5	1.5%
31	2	2.1%
32	13	5.9%
33	14	10.0%
34	20	15.9%
35	46	29.5%
36	35	39.8%
37	26	47.5%
38	27	55.5%
39	31	64.6%
40	30	73.5%
41	21	79.6%
42	16	84.4%
43	14	88.5%
44	8	90.9%
45	17	95.9%
46	8	98.2%
47	1	98.5%
48	4	99.7%
49	1	100.0%
50		
51		
52		
53		
54		
55		
56		
57		
58		
59		
60		
61		
62		
63		
64		
65		
66		
67		
68		
69		
70		
Total	339	



DATA ANALYSIS

Average Speed	38.2	Range	30 - 49
50th Percentile	37.3	10 mph Pace	33 - 42
85th Percentile	42.2	Number in Pace	266
90th Percentile	43.6	Percent in Pace	78%
95th Percentile	44.8		



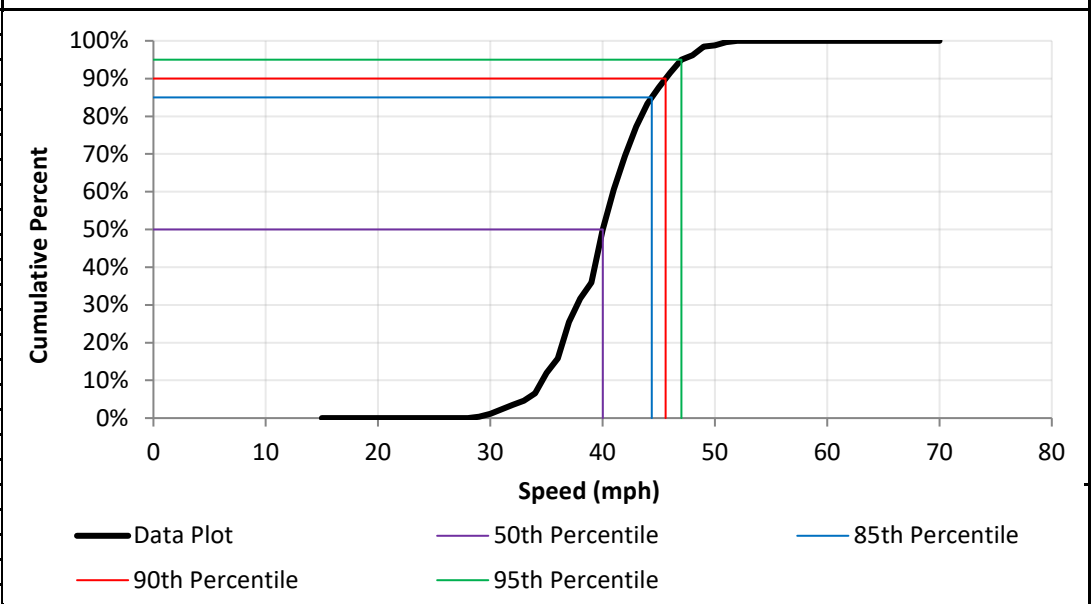
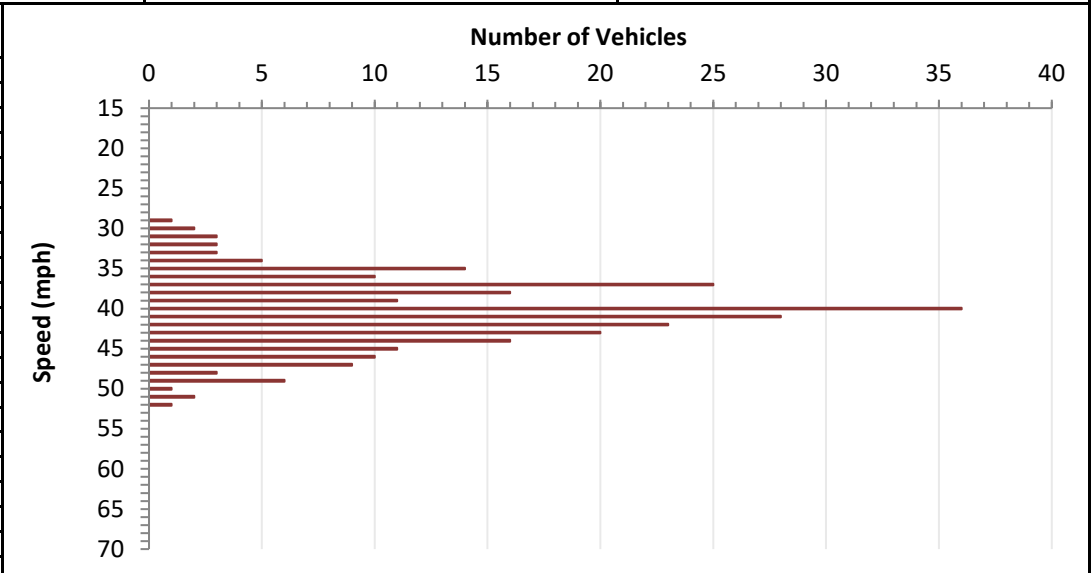
RADAR SPEED SURVEY

SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

Road Name:	Sweetwater Rd	From:	Bonita Rd	To:	Central Av
Position:	690' N/o Bonita Woods Dr	Direction:	NB / SB		

Date:	10/3/2023	Weather:	Clear	Project Number:	TAC
Time Start:	11:10 AM	Road Condition:	Dry	Observer:	County
Time End:	12:10 PM	Posted Speed:	45	Calibration Test:	Y

Speed (mph)	Num. Veh.	Cum. Pct.
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		
26		
27		
28		
29	1	0.4%
30	2	1.2%
31	3	2.3%
32	3	3.5%
33	3	4.6%
34	5	6.6%
35	14	12.0%
36	10	15.8%
37	25	25.5%
38	16	31.7%
39	11	35.9%
40	36	49.8%
41	28	60.6%
42	23	69.5%
43	20	77.2%
44	16	83.4%
45	11	87.6%
46	10	91.5%
47	9	95.0%
48	3	96.1%
49	6	98.5%
50	1	98.8%
51	2	99.6%
52	1	100.0%
53		
54		
55		
56		
57		
58		
59		
60		
61		
62		
63		
64		
65		
66		
67		
68		
69		
70		
Total	259	



DATA ANALYSIS

Average Speed	40.5	Range	29 - 52
50th Percentile	40.0	10 mph Pace	35 - 44
85th Percentile	44.4	Number in Pace	199
90th Percentile	45.6	Percent in Pace	77%
95th Percentile	47.0		

Poinsettia Avenue

South Santa Fe Avenue to Smilax Road (0.64 miles)



SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE

COMMITTEE REPORT OF: October 27, 2023

Item 5-A

SUPERVISORIAL DISTRICT: 5

SUBJECT: Radar Certification

LOCATION: Poinsettia Avenue from South Santa Fe Avenue to Smilax Road (a distance of 0.64 miles) SAN MARCOS (Thos. Bros. 1108-C4)

INITIATED BY: DPW Traffic Engineering

REQUEST: Radar Recertification

PROBLEM AS STATED BY REQUESTER:

Poinsettia Avenue from South Santa Fe Avenue to Smilax 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

Poinsettia Avenue is a striped 2-lane undivided highway that is 36 to 40 feet wide. The roadway is striped with a no passing centerline. Poinsettia Avenue is posted with a 20 MPH turn advisory. The road is currently unclassified on the County General Plan Mobility Element Network. Poinsettia Avenue is posted with a 40 MPH radar enforced speed limit.

Average Daily Traffic Volumes

Poinsettia Avenue:

350' S/o Plumosa Avenue

08/23

788

08/15

893

Speed Data

Poinsettia Avenue:

350' N/o El Sereno Wy

**85th
Percentile**

(2023) 39.4 MPH

**10 MPH
Pace**

28-37

**% in
Pace**

62%

Collision Data

There have been 4 reported collisions, none which included an injury, along this segment of roadway in a 3-year (2020-07-01 to 2023-06-30). These collisions result in a segment accident rate of 7.26 collisions per million vehicle miles. The statewide average is 1.68 collisions per million vehicle miles for similar suburban, conventional 2 lanes or less, roads with speeds less than 45 MPH.

VOLUME

Poinsettia Ave 350ft S/O Plumosa Ave

Day: Thursday
Date: 08/10/2023City: Vista
Project #: CA23_040153_012

DAILY TOTALS					NB	SB						EB	WB						Total
					446	342						0	0						788
AM Period	NB	SB	EB	WB	TOTAL		PM Period	NB	SB	EB	WB	TOTAL							TOTAL
0:00	1	1			2		12:00	2	1			3							3
0:15	1	1			2		12:15	7	4			11							11
0:30	2	1			3		12:30	9	5			14							14
0:45	2	6	0	3	2	9	12:45	3	21	4	14	7	35						35
1:00	0	0			0		13:00	12	5			17							17
1:15	0	0			0		13:15	3	4			7							7
1:30	0	0			0		13:30	5	4			9							9
1:45	0	0			0		13:45	8	28	8	21	16	49						49
2:00	0	0			0		14:00	8	7			15							15
2:15	1	0			1		14:15	6	5			11							11
2:30	0	0			0		14:30	9	3			12							12
2:45	1	2	0		1	2	14:45	8	31	5	20	13	51						51
3:00	0	1			1		15:00	14	5			19							19
3:15	0	0			0		15:15	10	11			21							21
3:30	0	1			1		15:30	5	5			10							10
3:45	1	1	1	3	2	4	15:45	14	43	4	25	18	68						68
4:00	0	0			0		16:00	8	7			15							15
4:15	1	0			1		16:15	15	8			23							23
4:30	1	0			1		16:30	10	9			19							19
4:45	2	4	0		2	4	16:45	13	46	7	31	20	77						77
5:00	1	0			1		17:00	6	16			22							22
5:15	4	1			5		17:15	14	11			25							25
5:30	2	0			2		17:30	15	4			19							19
5:45	5	12	2	3	7	15	17:45	9	44	6	37	15	81						81
6:00	4	3			7		18:00	9	3			12							12
6:15	4	5			9		18:15	7	11			18							18
6:30	6	9			15		18:30	8	4			12							12
6:45	6	20	3	20	9	40	18:45	7	31	7	25	14	56						56
7:00	6	8			14		19:00	7	5			12							12
7:15	8	6			14		19:15	5	6			11							11
7:30	6	5			11		19:30	5	5			10							10
7:45	4	24	3	22	7	46	19:45	1	18	10	26	11	44						44
8:00	4	5			9		20:00	3	7			10							10
8:15	5	5			10		20:15	5	1			6							6
8:30	6	4			10		20:30	3	1			4							4
8:45	4	19	4	18	8	37	20:45	3	14	1	10	4	24						24
9:00	3	2			5		21:00	3	4			7							7
9:15	3	2			5		21:15	2	1			3							3
9:30	6	4			10		21:30	2	8			10							10
9:45	3	15	5	13	8	28	21:45	4	11	2	15	6	26						26
10:00	4	3			7		22:00	3	3			6							6
10:15	3	2			5		22:15	2	4			6							6
10:30	4	1			5		22:30	2	4			6							6
10:45	4	15	2	8	6	23	22:45	2	9	0	11	2	20						20
11:00	5	4			9		23:00	1	2			3							3
11:15	7	2			9		23:15	0	2			2							2
11:30	7	5			12		23:30	2	1			3							3
11:45	7	26	1	12	8	38	23:45	3	6	0	5	3	11						11
TOTALS	144	102			246		TOTALS	302	240			542							542
SPLIT %	58.5%	41.5%			31.2%		SPLIT %	55.7%	44.3%			68.8%							68.8%

DAILY TOTALS					NB	SB						EB	WB						Total
					446	342						0	0						788
AM Peak Hour	6:30	6:30			6:30		PM Peak Hour	16:45	16:30			16:30							16:30
AM Pk Volume	26	26			52		PM Pk Volume	48	43			86							86
Pk Hr Factor	0.813	0.722			0.867		Pk Hr Factor	0.800	0.672			0.860							0.860
7 - 9 Volume	43	40	0	0	83		4 - 6 Volume	90	68	0	0	158							158
7 - 9 Peak Hour	7:00	7:00			7:00		4 - 6 Peak Hour	16:45	16:30			16:30							16:30
7 - 9 Pk Volume	24	22	0	0	46		4 - 6 Pk Volume	48	43	0	0	86							86
Pk Hr Factor	0.750	0.688	0.000	0.000	0.821		Pk Hr Factor	0.800	0.672	0.000	0.000	0.860							0.860



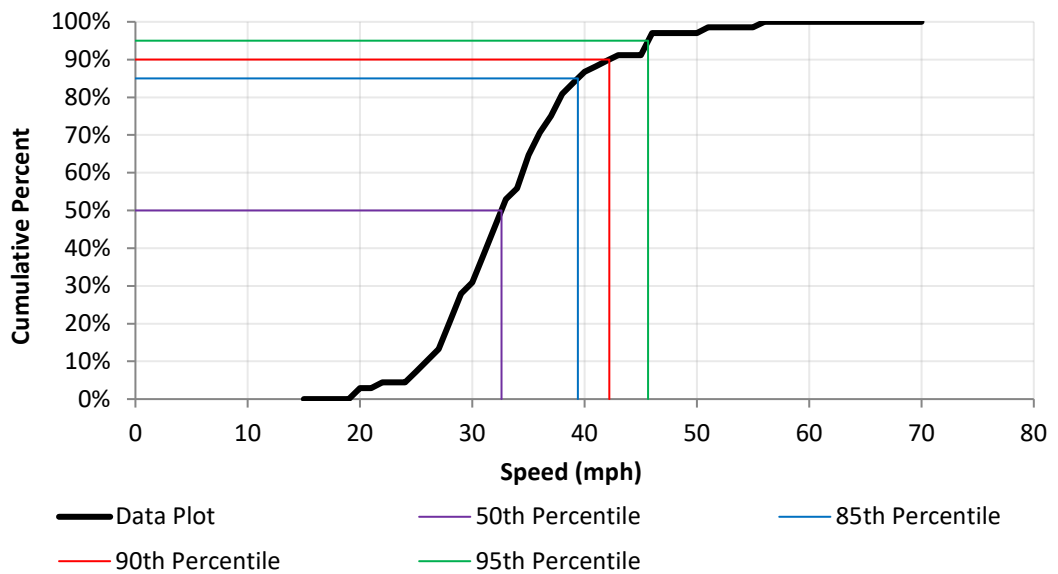
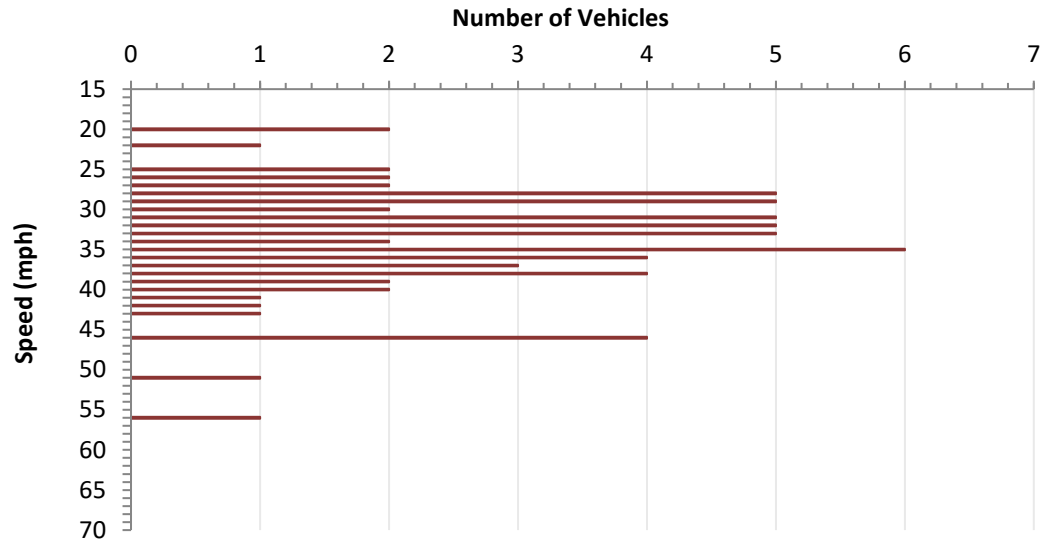
RADAR SPEED SURVEY

SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

Road Name:	Poinsettia Ave	From:	Poinsettia Ave	To:	S. Santa Fe Ave (S14)
Position:	350' N/o El Sereno Way	Direction:	NB/SB		

Date:	10/12/2023	Weather:	Clear, Sunny	Project Number:	0
Time Start:	12:15 PM	Road Condition:	Dry	Observer:	County
Time End:	2:15 PM	Posted Speed:	40 MPH	Calibration Test:	Y

Speed (mph)	Num. Veh.	Cum. Pct.
15		
16		
17		
18		
19		
20	2	2.9%
21		
22	1	4.4%
23		
24		
25	2	7.4%
26	2	10.3%
27	2	13.2%
28	5	20.6%
29	5	27.9%
30	2	30.9%
31	5	38.2%
32	5	45.6%
33	5	52.9%
34	2	55.9%
35	6	64.7%
36	4	70.6%
37	3	75.0%
38	4	80.9%
39	2	83.8%
40	2	86.8%
41	1	88.2%
42	1	89.7%
43	1	91.2%
44		
45		
46	4	97.1%
47		
48		
49		
50		
51	1	98.5%
52		
53		
54		
55		
56	1	100.0%
57		
58		
59		
60		
61		
62		
63		
64		
65		
66		
67		
68		
69		
70		
Total	68	

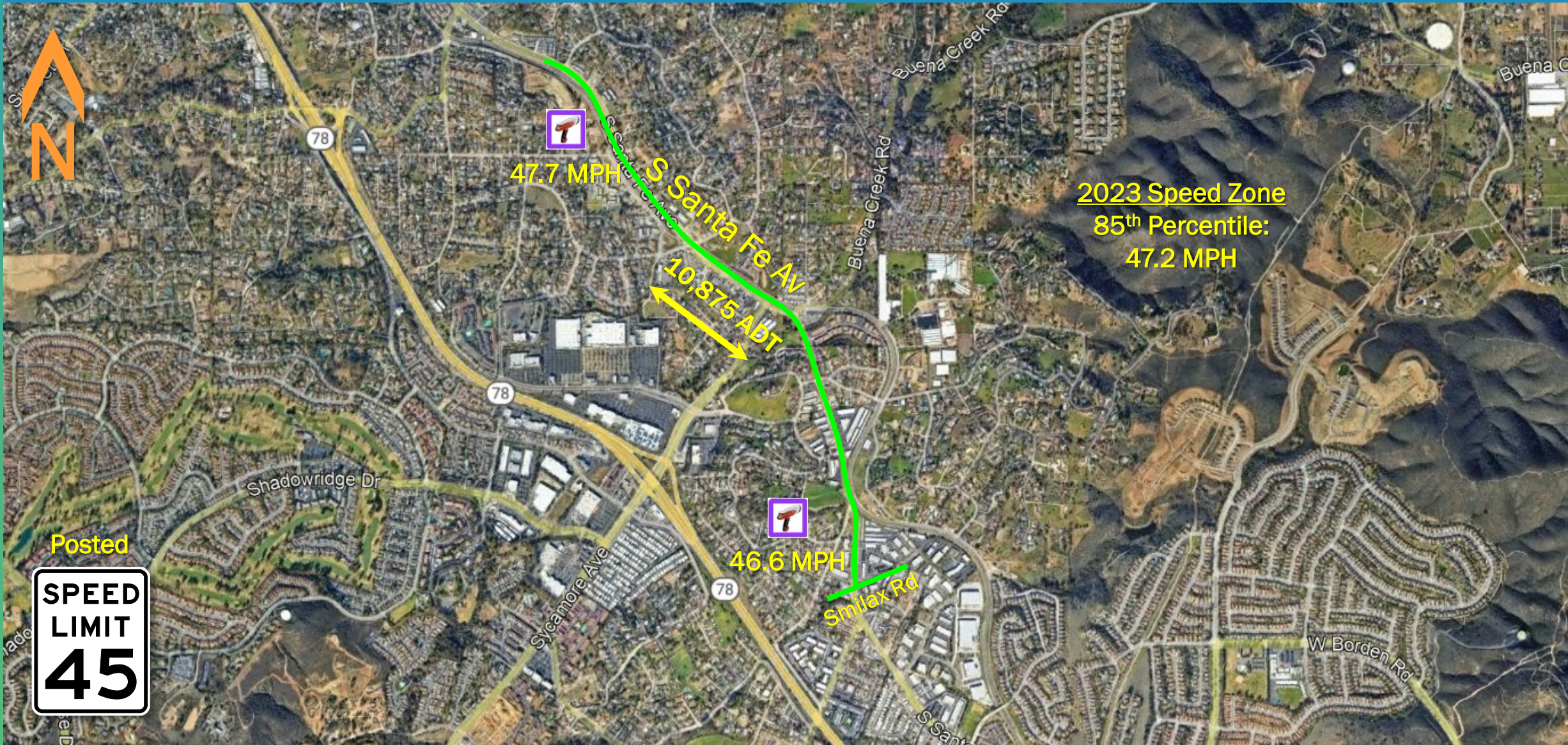


DATA ANALYSIS

Average Speed	33.9	Range	20 - 56
50th Percentile	32.6	10 mph Pace	28 - 37
85th Percentile	39.4	Number in Pace	42
90th Percentile	42.2	Percent in Pace	62%
95th Percentile	45.7		

South Santa Fe Avenue

Vista City Limit to Smilax Road (1.77 miles)



SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE

COMMITTEE REPORT OF: October 27, 2023

Item 5-B

SUPERVISORIAL DISTRICT: 5

SUBJECT: Radar Certification

LOCATION: South Santa Fe Avenue from Vista City Limit to Smilax Road (a distance of 1.77 miles) VISTA/SAN MARCOS (Thos. Bros. 1108-B2)

INITIATED BY: DPW Traffic Engineering

REQUEST: Radar Recertification

PROBLEM AS STATED BY REQUESTER:

South Santa Fe Avenue from Vista City Limit to Smilax Road is currently posted with a 45 MPH speed limit. A preliminary review of prevailing speeds and roadway conditions could support radar certification a 45 MPH speed limit.

Existing Traffic Devices

South Santa Fe Avenue is a striped 4-lane divided through highway from Vista City Limit (North of Montgomery Drive) to Woodland Drive. There is a short section of two-way left turn separating both directions of travel between Woodland Drive and Palmyra Drive. From Palmyra Drive to Smilax Road, South Santa Fe Avenue, is striped 2-lane undivided highway. The road is 38 to 60 feet wide. There is edge striping on each side of the roadway. Santa Fe Avenue is currently 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

	<u>08/23</u>	<u>02/16</u>
South Santa Fe Avenue:		
350' S/o Montgomery Drive	11,488	
200' S/o Palmrya Avenue	10,262	12,012

		<u>85th Percentile</u>	<u>10 MPH Pace</u>	<u>% in Pace</u>
<u>Speed Data</u>				
South Santa Fe Avenue:				
@ Sunbury Court	(2023)	47.7 MPH	37-46	76%
	(2016)	51.0 MPH	42-51	69%
650' S/o Poinsetta Avenue	(2023)	46.6 MPH	38-47	81%
	(2016)	46.0 MPH	37-46	69%
Speed Zone	(2023)	47.2 MPH	38-47	78.5%

Collision Data

There have been 71 reported collisions, 2 of which included a fatality, 24 of which included an injury, along this segment of roadway in a 3-year period (2020-07-01 to 2023-06-30). These collisions result in a segment accident rate of 3.38 collisions per million vehicle miles. The statewide average is 1.14 collisions per million vehicle miles for similar suburban, divided 4 lane roads with speeds less than or equal to 55 MPH.

VOLUME

South Santa Fe Ave 350ft S/O Montgomery Dr

Day: Thursday
Date: 08/10/2023City: Vista
Project #: CA23_040153_014

DAILY TOTALS					NB	SB						EB	WB	Total	
					5,278	6,210						0	0	11,488	
AM Period	NB	SB	EB	WB	TOTAL		PM Period	NB	SB	EB	WB	TOTAL			
0:00	7	9			16		12:00	82	97			179			
0:15	9	8			17		12:15	75	100			175			
0:30	6	8			14		12:30	99	95			194			
0:45	3	25	8	33	11	58	12:45	89	345	95	387	184	732		
1:00	5	3			8		13:00	94	77			171			
1:15	2	4			6		13:15	68	86			154			
1:30	2	4			6		13:30	81	107			188			
1:45	8	17	2	13	10	30	13:45	76	319	91	361	167	680		
2:00	4	2			6		14:00	84	89			173			
2:15	4	0			4		14:15	88	90			178			
2:30	2	0			2		14:30	114	93			207			
2:45	5	15	7	9	12	24	14:45	118	404	119	391	237	795		
3:00	3	5			8		15:00	126	99			225			
3:15	1	7			8		15:15	107	107			214			
3:30	3	8			11		15:30	110	105			215			
3:45	3	10	9	29	12	39	15:45	103	446	126	437	229	883		
4:00	5	4			9		16:00	114	120			234			
4:15	5	7			12		16:15	123	123			246			
4:30	4	15			19		16:30	134	135			269			
4:45	3	17	19	45	22	62	16:45	133	504	138	516	271	1020		
5:00	6	25			31		17:00	118	151			269			
5:15	9	30			39		17:15	118	138			256			
5:30	20	67			87		17:30	128	124			252			
5:45	22	57	93	215	115	272	17:45	96	460	94	507	190	967		
6:00	20	57			77		18:00	98	101			199			
6:15	31	68			99		18:15	93	83			176			
6:30	44	89			133		18:30	76	79			155			
6:45	46	141	105	319	151	460	18:45	94	361	75	338	169	699		
7:00	35	97			132		19:00	99	65			164			
7:15	45	106			151		19:15	86	75			161			
7:30	56	87			143		19:30	74	62			136			
7:45	58	194	117	407	175	601	19:45	82	341	69	271	151	612		
8:00	58	95			153		20:00	63	71			134			
8:15	57	90			147		20:15	67	60			127			
8:30	57	76			133		20:30	56	53			109			
8:45	55	227	70	331	125	558	20:45	49	235	61	245	110	480		
9:00	48	71			119		21:00	54	54			108			
9:15	64	89			153		21:15	59	37			96			
9:30	48	96			144		21:30	31	38			69			
9:45	73	233	74	330	147	563	21:45	43	187	39	168	82	355		
10:00	64	94			158		22:00	47	35			82			
10:15	71	76			147		22:15	23	25			48			
10:30	65	88			153		22:30	16	25			41			
10:45	61	261	90	348	151	609	22:45	24	110	21	106	45	216		
11:00	76	85			161		23:00	18	14			32			
11:15	82	92			174		23:15	11	12			23			
11:30	90	86			176		23:30	14	9			23			
11:45	64	312	95	358	159	670	23:45	14	57	11	46	25	103		
TOTALS	1509	2437			3946		TOTALS	3769	3773			7542			
SPLIT %	38.2%	61.8%			34.3%		SPLIT %	50.0%	50.0%			65.7%			

DAILY TOTALS					NB	SB						EB	WB	Total	
					5,278	6,210						0	0	11,488	
AM Peak Hour	11:45	7:00			11:45		PM Peak Hour	16:15	16:30			16:30			
AM Pk Volume	320	407			707		PM Pk Volume	508	562			1065			
Pk Hr Factor	0.808	0.870			0.911		Pk Hr Factor	0.948	0.930			0.982			
7 - 9 Volume	421	738	0	0	1159		4 - 6 Volume	964	1023	0	0	1987			
7 - 9 Peak Hour	7:45	7:00			7:15		4 - 6 Peak Hour	16:15	16:30			16:30			
7 - 9 Pk Volume	230	407	0	0	622		4 - 6 Pk Volume	508	562	0	0	1065			
Pk Hr Factor	0.991	0.870	0.000	0.000	0.889		Pk Hr Factor	0.948	0.930	0.000	0.000	0.982			

VOLUME

South Santa Fe Ave 200ft S/O Palmyra Ave

Day: Thursday
Date: 08/10/2023City: Vista
Project #: CA23_040153_013

DAILY TOTALS					NB	SB	EB					WB	Total
					4,573	5,689						0	0
AM Period	NB	SB	EB	WB	TOTAL	PM Period	NB	SB	EB	WB	TOTAL		
0:00	9	5			14	12:00	77	65			142		
0:15	7	5			12	12:15	78	84			162		
0:30	5	2			7	12:30	72	67			139		
0:45	1	22	1	13	2	12:45	75	302	63	279	138	581	
1:00	2	4			6	13:00	70	75			145		
1:15	4	3			7	13:15	69	68			137		
1:30	4	3			7	13:30	63	79			142		
1:45	4	14	1	11	5	13:45	71	273	94	316	165	589	
2:00	3	4			7	14:00	71	79			150		
2:15	3	0			3	14:15	78	86			164		
2:30	3	2			5	14:30	113	104			217		
2:45	2	11	8	14	10	14:45	108	370	108	377	216	747	
3:00	3	1			4	15:00	96	100			196		
3:15	2	4			6	15:15	110	117			227		
3:30	2	8			10	15:30	103	121			224		
3:45	6	13	7	20	13	15:45	102	411	124	462	226	873	
4:00	3	8			11	16:00	103	142			245		
4:15	0	7			7	16:15	109	105			214		
4:30	4	17			21	16:30	101	113			214		
4:45	6	13	14	46	20	16:45	97	410	122	482	219	892	
5:00	14	18			32	17:00	95	118			213		
5:15	14	33			47	17:15	105	106			211		
5:30	20	48			68	17:30	95	113			208		
5:45	28	76	81	180	109	17:45	89	384	75	412	164	796	
6:00	31	73			104	18:00	99	92			191		
6:15	40	75			115	18:15	87	82			169		
6:30	32	93			125	18:30	73	77			150		
6:45	49	152	132	373	181	18:45	79	338	76	327	155	665	
7:00	38	110			148	19:00	85	61			146		
7:15	38	119			157	19:15	61	56			117		
7:30	50	114			164	19:30	42	42			84		
7:45	59	185	124	467	183	19:45	61	249	46	205	107	454	
8:00	57	116			173	20:00	42	46			88		
8:15	56	85			141	20:15	52	50			102		
8:30	47	104			151	20:30	43	40			83		
8:45	47	207	95	400	142	20:45	36	173	27	163	63	336	
9:00	41	85			126	21:00	43	43			86		
9:15	52	75			127	21:15	37	30			67		
9:30	53	63			116	21:30	37	32			69		
9:45	38	184	72	295	110	21:45	21	138	28	133	49	271	
10:00	68	74			142	22:00	30	28			58		
10:15	53	77			130	22:15	20	18			38		
10:30	57	79			136	22:30	19	21			40		
10:45	65	243	69	299	134	22:45	28	97	16	83	44	180	
11:00	72	83			155	23:00	11	10			21		
11:15	61	62			123	23:15	17	12			29		
11:30	64	90			154	23:30	11	10			21		
11:45	64	261	60	295	124	23:45	8	47	5	37	13	84	
TOTALS	1381	2413			3794	TOTALS	3192	3276			6468		
SPLIT %	36.4%	63.6%			37.0%	SPLIT %	49.4%	50.6%			63.0%		

DAILY TOTALS					NB	SB						EB	WB	Total
					4,573	5,689						0	0	10,262
AM Peak Hour	11:45	6:45			7:15	PM Peak Hour	14:30	15:15			15:15			
AM Pk Volume	291	475			677	PM Pk Volume	427	504			922			
Pk Hr Factor	0.933	0.900			0.925	Pk Hr Factor	0.945	0.887			0.941			
7 - 9 Volume	392	867	0	0	1259	4 - 6 Volume	794	894	0	0	1688			
7 - 9 Peak Hour	7:30	7:15			7:15	4 - 6 Peak Hour	16:00	16:00			16:00			
7 - 9 Pk Volume	222	473	0	0	677	4 - 6 Pk Volume	410	482	0	0	892			
Pk Hr Factor	0.941	0.954	0.000	0.000	0.925	Pk Hr Factor	0.940	0.849	0.000	0.000	0.910			



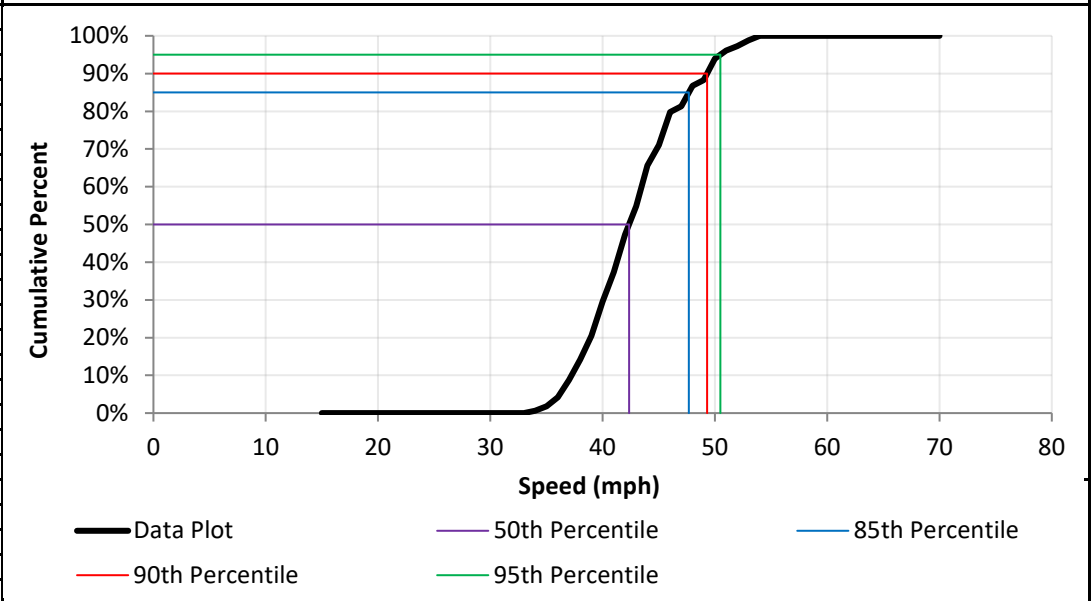
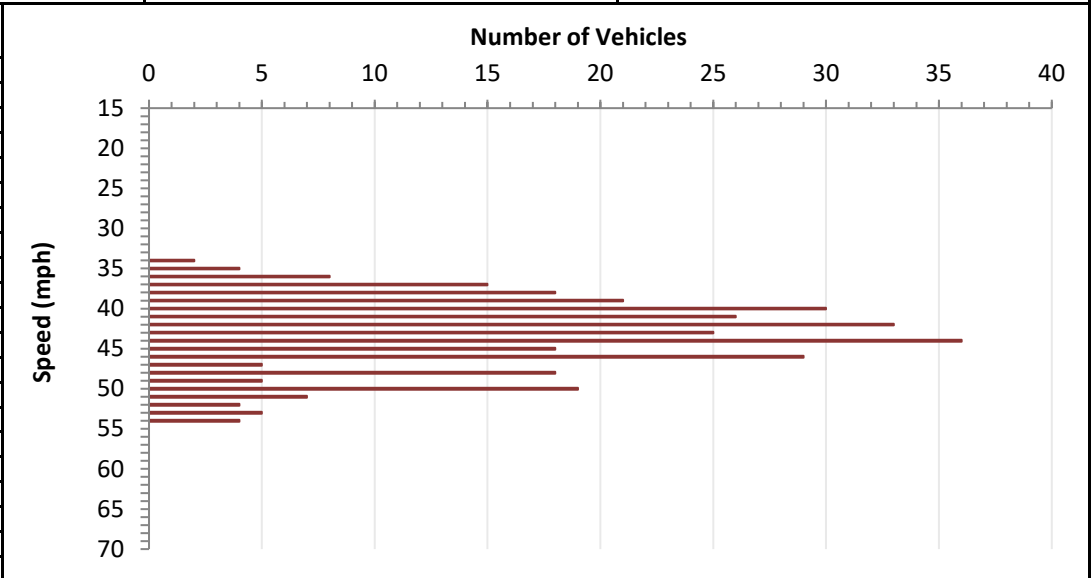
RADAR SPEED SURVEY

SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

Road Name:	South Santa Fe Av	From:	Vista city limit	To:	Smilax Rd
Position:	at Sunbury Ct	Direction:	NB/SB		

Date:	8/9/2023	Weather:	Clear	Project Number:	23-040154-016
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		
34	2	0.6%
35	4	1.8%
36	8	4.2%
37	15	8.7%
38	18	14.2%
39	21	20.5%
40	30	29.5%
41	26	37.3%
42	33	47.3%
43	25	54.8%
44	36	65.7%
45	18	71.1%
46	29	79.8%
47	5	81.3%
48	18	86.7%
49	5	88.3%
50	19	94.0%
51	7	96.1%
52	4	97.3%
53	5	98.8%
54	4	100.0%
55		
56		
57		
58		
59		
60		
61		
62		
63		
64		
65		
66		
67		
68		
69		
70		
Total	332	



DATA ANALYSIS

Average Speed	43.2	Range	34 - 54
50th Percentile	42.4	10 mph Pace	37 - 46
85th Percentile	47.7	Number in Pace	251
90th Percentile	49.3	Percent in Pace	76%
95th Percentile	50.5		



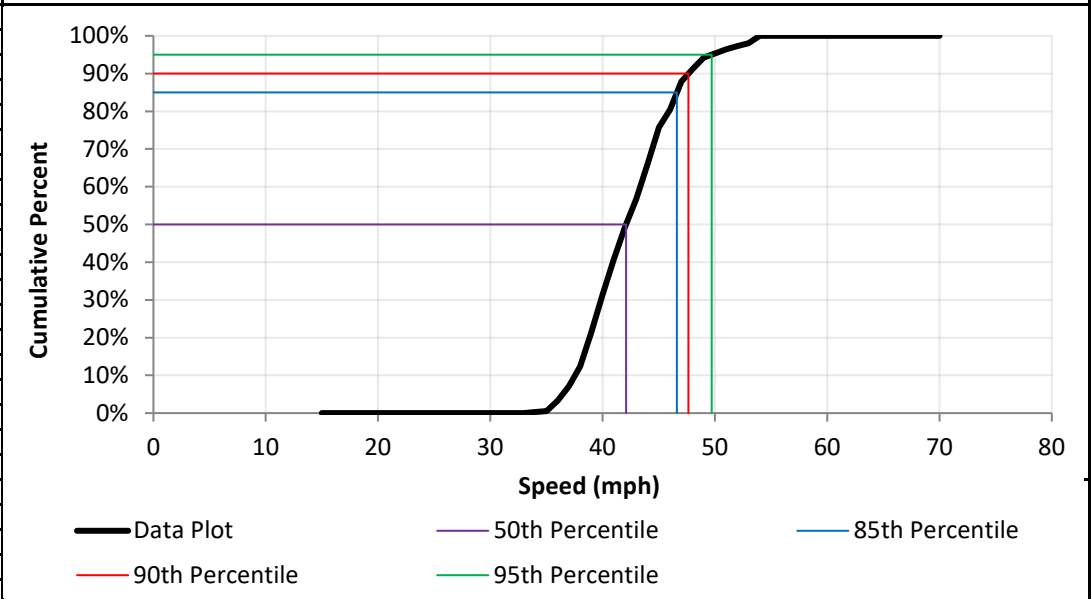
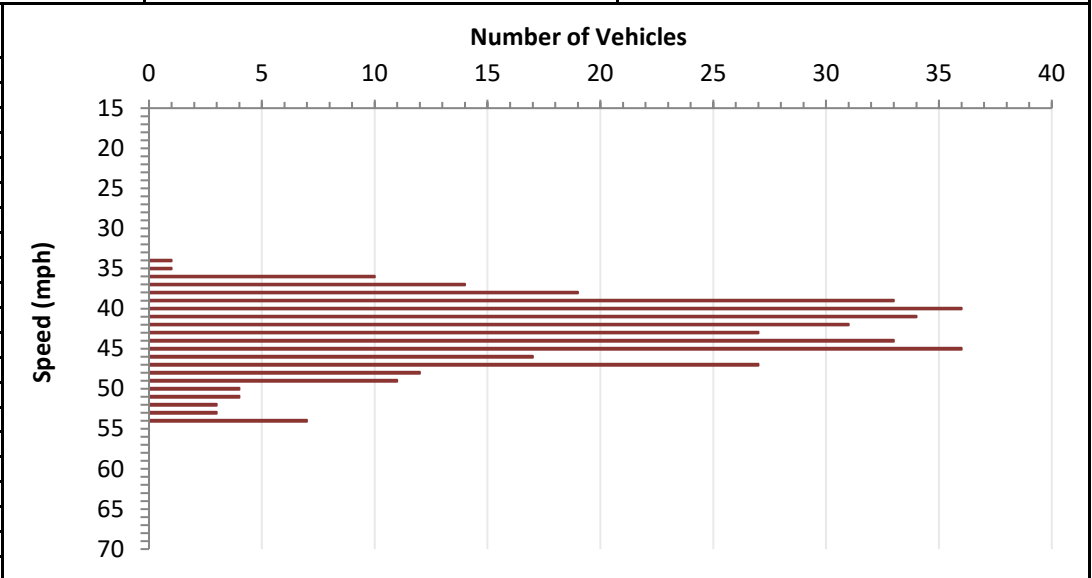
RADAR SPEED SURVEY

SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

Road Name:	South Santa Fe Av	From:	Vista city limit	To:	Smilax Rd
Position:	650' S/o Poinsettia Av	Direction:	NB/SB		

Date:	8/22/2023	Weather:	Clear	Project Number:	23-040154-016
Time Start:	10:30 AM	Road Condition:	Dry	Observer:	Contractor
Time End:	12:30 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		
34	1	0.3%
35	1	0.6%
36	10	3.3%
37	14	7.2%
38	19	12.4%
39	33	21.5%
40	36	31.4%
41	34	40.8%
42	31	49.3%
43	27	56.7%
44	33	65.8%
45	36	75.8%
46	17	80.4%
47	27	87.9%
48	12	91.2%
49	11	94.2%
50	4	95.3%
51	4	96.4%
52	3	97.2%
53	3	98.1%
54	7	100.0%
55		
56		
57		
58		
59		
60		
61		
62		
63		
64		
65		
66		
67		
68		
69		
70		
Total	363	



DATA ANALYSIS

Average Speed	42.9	Range	34 - 54
50th Percentile	42.1	10 mph Pace	38 - 47
85th Percentile	46.6	Number in Pace	293
90th Percentile	47.6	Percent in Pace	81%
95th Percentile	49.7		

Mission Road

Winter Haven Road to Hill Avenue (2.77 miles)



SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE

COMMITTEE REPORT OF: October 27, 2023

Item 5-C

SUPERVISORIAL DISTRICT: 5

SUBJECT: Radar Certification

LOCATION: Mission Road from Winter Haven Road to Hill Avenue
(a distance of 2.77 miles) FALLBROOK (Thos. Bros.
1027-G7)

INITIATED BY: DPW Traffic Engineering

REQUEST: Radar Recertification

PROBLEM AS STATED BY REQUESTER:

- i. Mission Road from Winter Haven Road to 880' south of Pepper Tree Lane is currently posted with a 50 MPH speed limit. A preliminary review of prevailing speeds and roadway conditions could support radar certification a 45 MPH speed limit.
- ii. Mission Road from 880' south of Pepper Tree Lane to Hill Avenue is currently posted 35 MPH speed limit. A preliminary review of prevailing speeds and roadway conditions could support radar certification a 35 MPH speed limit.

Existing Traffic Devices

Mission Road is a striped 4-lane divided through highway from Winter Haven Road to Hill Avenue. The road is 70 to 90 feet wide. The roadway is striped with a two-way left turn lane, lane striping and intermittent parking lane and edge lines. The road is posted with school zone signage, signal ahead signs, pedestrian advisory signs and school crossing signage w/ flashing beacon for the uncontrolled school crossing at Elder Street. Mission Road is signal controlled at the intersections with Clemmens Lane, Ammunition Road, Aviation Road, Fallbrook Street, and Hawthorn Street. Mission Road is classified as a Boulevard on the County General Plan Mobility Element Network. Mission Road from Winter Haven Road to 860' south of Pepper Tree Lane is posted with a 50 MPH, radar enforced, speed limit. Mission Road is classified as a Major Road on the County General Plan Mobility Element Network. Mission Road from 860' south of Pepper Tree Lane to Hill Avenue is posted with a 35 MPH, radar enforced, speed limit.

Average Daily Traffic Volumes

Mission Road:

500' N/o Stage Coach Lane

08/23

21,721

10/15

S/o Fallbrook Street

21,386

23,540

<u>Speed Data</u>		<u>85th Percentile</u>	<u>10 MPH Pace</u>	<u>% in Pace</u>
i. Mission Road:				
300' N/o Sterling Bridge	(2023)	52.3 MPH	43-52	62%
	(2016)	53.3 MPH	45-54	88%
ii. Mission Road:				
140' S/o Clemmens Lane	(2023)	39.0 MPH	32-41	83%
	(2022)	38.4 MPH	30-39	79%
140' N/o College Street	(2023)	36.7 MPH	26-35	65%
	(2022)	39.2 MPH	29-38	73%
Speed Zone	(2023)	37.9 MPH	29-38	74%

Collision Data

i. There have been 40 reported collisions, 1 of which included a fatality, 19 of which included an injury, along this segment of roadway in a 3-year period (2020-07-01 to 2023-06-30). These collisions result in a segment accident rate of 1.74 collisions per million vehicle miles. The statewide average is 1.33 collisions per million vehicle miles for similar suburban, divided 4 lane roads with speeds less than or equal to 55 MPH.

ii. There have been 110 reported collisions, 2 of which included a fatality, 50 of which included an injury, along this segment of roadway in a 3-year period (2020-07-01 to 2023-06-30). These collisions result in a segment accident rate of 2.62 collisions per million vehicle miles. The statewide average is 1.32 collisions per million vehicle miles for similar suburban, divided 4 lane roads with speeds less than or equal to 55 MPH.

VOLUME

Mission Rd 500ft N/O Stage Coach Ln

Day: Thursday
Date: 08/10/2023City: Fallbrook
Project #: CA23_040153_002

DAILY TOTALS					NB	SB						EB	WB						Total
					10,522	11,199						0	0						21,721
AM Period	NB	SB	EB	WB	TOTAL		PM Period	NB	SB	EB	WB	TOTAL							
0:00	22	6			28		12:00	137	166			303							
0:15	36	3			39		12:15	167	184			351							
0:30	13	5			18		12:30	136	167			303							
0:45	17	88	7	21	24	109	12:45	147	587	154	671	301	1258						
1:00	23	11			34		13:00	151	136			287							
1:15	10	6			16		13:15	178	161			339							
1:30	13	9			22		13:30	149	154			303							
1:45	13	59	2	28	15	87	13:45	163	641	159	610	322	1251						
2:00	12	11			23		14:00	179	175			354							
2:15	7	9			16		14:15	159	162			321							
2:30	2	16			18		14:30	166	157			323							
2:45	9	30	10	46	19	76	14:45	184	688	137	631	321	1319						
3:00	12	13			25		15:00	204	189			393							
3:15	5	15			20		15:15	210	165			375							
3:30	9	31			40		15:30	220	164			384							
3:45	6	32	28	87	34	119	15:45	223	857	185	703	408	1560						
4:00	8	37			45		16:00	206	185			391							
4:15	9	50			59		16:15	240	176			416							
4:30	14	67			81		16:30	197	155			352							
4:45	18	49	85	239	103	288	16:45	232	875	172	688	404	1563						
5:00	20	139			159		17:00	241	175			416							
5:15	25	153			178		17:15	226	178			404							
5:30	34	162			196		17:30	213	157			370							
5:45	75	154	175	629	250	783	17:45	202	882	166	676	368	1558						
6:00	49	208			257		18:00	217	139			356							
6:15	61	261			322		18:15	219	124			343							
6:30	70	237			307		18:30	167	129			296							
6:45	105	285	220	926	325	1211	18:45	176	779	103	495	279	1274						
7:00	103	249			352		19:00	180	104			284							
7:15	106	237			343		19:15	153	96			249							
7:30	128	195			323		19:30	141	94			235							
7:45	160	497	202	883	362	1380	19:45	146	620	87	381	233	1001						
8:00	115	182			297		20:00	142	85			227							
8:15	113	163			276		20:15	115	78			193							
8:30	105	180			285		20:30	133	96			229							
8:45	121	454	156	681	277	1135	20:45	112	502	85	344	197	846						
9:00	118	163			281		21:00	130	78			208							
9:15	108	180			288		21:15	113	65			178							
9:30	129	163			292		21:30	87	68			155							
9:45	145	500	161	667	306	1167	21:45	99	429	67	278	166	707						
10:00	128	177			305		22:00	76	55			131							
10:15	118	175			293		22:15	72	48			120							
10:30	130	172			302		22:30	74	35			109							
10:45	128	504	152	676	280	1180	22:45	64	286	31	169	95	455						
11:00	119	135			254		23:00	53	25			78							
11:15	119	152			271		23:15	52	19			71							
11:30	155	162			317		23:30	57	11			68							
11:45	134	527	157	606	291	1133	23:45	35	197	9	64	44	261						
TOTALS	3179	5489			8668		TOTALS	7343	5710			13053							
SPLIT %	36.7%	63.3%			39.9%		SPLIT %	56.3%	43.7%			60.1%							

DAILY TOTALS					NB	SB						EB	WB						Total
					10,522	11,199						0	0						21,721
AM Peak Hour	11:30	6:15			7:00		PM Peak Hour	16:45	15:30			15:30							
AM Pk Volume	593	967			1380		PM Pk Volume	912	710			1599							
Pk Hr Factor	0.888	0.926			0.953		Pk Hr Factor	0.946	0.959			0.961							
7 - 9 Volume	951	1564	0	0	2515		4 - 6 Volume	1757	1364	0	0	3121							
7 - 9 Peak Hour	7:30	7:00			7:00		4 - 6 Peak Hour	16:45	16:00			16:45							
7 - 9 Pk Volume	516	883	0	0	1380		4 - 6 Pk Volume	912	688	0	0	1594							
Pk Hr Factor	0.806	0.887	0.000	0.000	0.953		Pk Hr Factor	0.946	0.930	0.000	0.000	0.958							

VOLUME

Mission Rd 200ft S/O Fallbrook St

Day: Thursday
Date: 08/10/2023City: Fallbrook
Project #: CA23_040153_001

DAILY TOTALS					NB	SB						EB	WB	Total
					9,982	11,404						0	0	21,386
AM Period	NB	SB	EB	WB	TOTAL	PM Period	NB	SB	EB	WB	TOTAL			
0:00	10	12			22	12:00	154	195			349			
0:15	6	11			17	12:15	172	177			349			
0:30	8	5			13	12:30	169	178			347			
0:45	7	31	6	34	13	12:45	171	666	152	702	323	1368		
1:00	3	4			7	13:00	201	184			385			
1:15	9	7			16	13:15	166	129			295			
1:30	6	6			12	13:30	204	172			376			
1:45	6	24	7	24	13	13:45	174	745	121	606	295	1351		
2:00	3	9			12	14:00	192	158			350			
2:15	5	4			9	14:15	198	144			342			
2:30	7	14			21	14:30	203	139			342			
2:45	2	17	10	37	12	14:45	202	795	173	614	375	1409		
3:00	2	8			10	15:00	244	191			435			
3:15	1	8			9	15:15	245	177			422			
3:30	3	14			17	15:30	304	174			478			
3:45	7	13	17	47	24	15:45	249	1042	178	720	427	1762		
4:00	10	22			32	16:00	294	190			484			
4:15	10	36			46	16:15	278	185			463			
4:30	9	59			68	16:30	290	162			452			
4:45	11	40	105	222	116	16:45	258	1120	202	739	460	1859		
5:00	7	97			104	17:00	241	170			411			
5:15	19	139			158	17:15	227	160			387			
5:30	22	177			199	17:30	223	175			398			
5:45	41	89	173	586	214	17:45	205	896	148	653	353	1549		
6:00	37	211			248	18:00	177	143			320			
6:15	44	242			286	18:15	180	141			321			
6:30	51	283			334	18:30	152	151			303			
6:45	67	199	253	989	320	18:45	160	669	128	563	288	1232		
7:00	53	295			348	19:00	168	126			294			
7:15	73	268			341	19:15	129	114			243			
7:30	86	224			310	19:30	139	86			225			
7:45	91	303	182	969	273	19:45	112	548	99	425	211	973		
8:00	81	172			253	20:00	106	82			188			
8:15	85	175			260	20:15	91	98			189			
8:30	91	170			261	20:30	91	91			182			
8:45	111	368	162	679	273	20:45	84	372	81	352	165	724		
9:00	92	171			263	21:00	67	56			123			
9:15	102	170			272	21:15	58	50			108			
9:30	114	146			260	21:30	71	54			125			
9:45	96	404	177	664	273	21:45	65	261	49	209	114	470		
10:00	121	158			279	22:00	58	38			96			
10:15	116	151			267	22:15	47	43			90			
10:30	127	161			288	22:30	39	32			71			
10:45	140	504	160	630	300	22:45	28	172	20	133	48	305		
11:00	143	177			320	23:00	20	15			35			
11:15	131	189			320	23:15	21	24			45			
11:30	170	200			370	23:30	21	11			32			
11:45	176	620	181	747	357	23:45	22	84	10	60	32	144		
TOTALS	2612	5628			8240	TOTALS	7370	5776			13146			
SPLIT %	31.7%	68.3%			38.5%	SPLIT %	56.1%	43.9%			61.5%			

DAILY TOTALS					NB	SB						EB	WB	Total
					9,982	11,404						0	0	21,386
AM Peak Hour	11:30	6:30			11:30	PM Peak Hour	15:30	16:00			16:00			
AM Pk Volume	672	1099			1425	PM Pk Volume	1125	739			1859			
Pk Hr Factor	0.955	0.931			0.963	Pk Hr Factor	0.925	0.915			0.960			
7 - 9 Volume	671	1648	0	0	2319	4 - 6 Volume	2016	1392	0	0	3408			
7 - 9 Peak Hour	8:00	7:00			7:00	4 - 6 Peak Hour	16:00	16:00			16:00			
7 - 9 Pk Volume	368	969	0	0	1272	4 - 6 Pk Volume	1120	739	0	0	1859			
Pk Hr Factor	0.829	0.821	0.000	0.000	0.914	Pk Hr Factor	0.952	0.915	0.000	0.000	0.960			



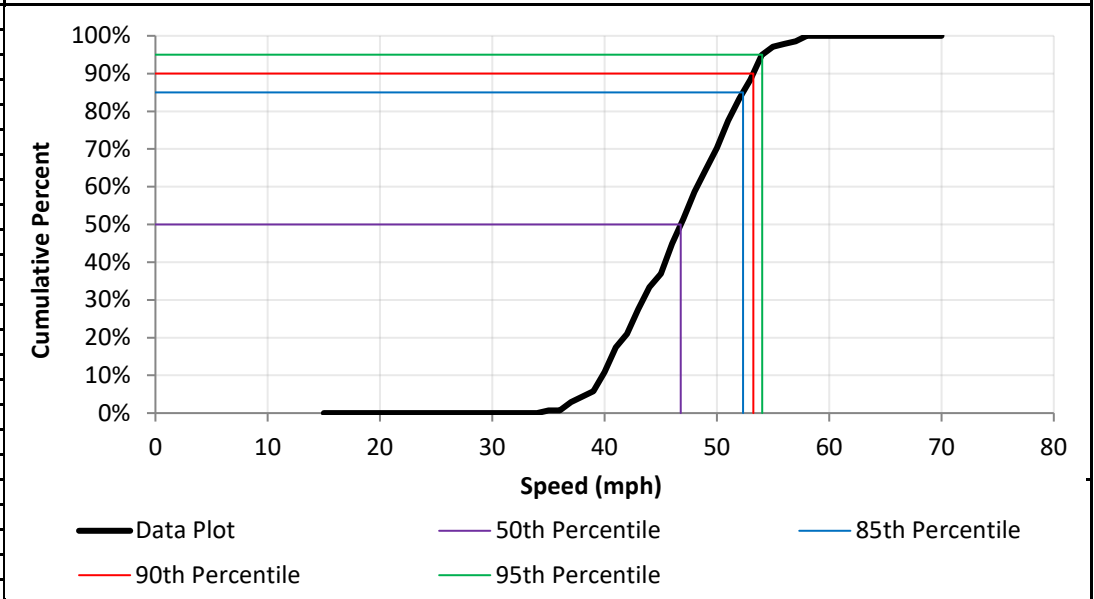
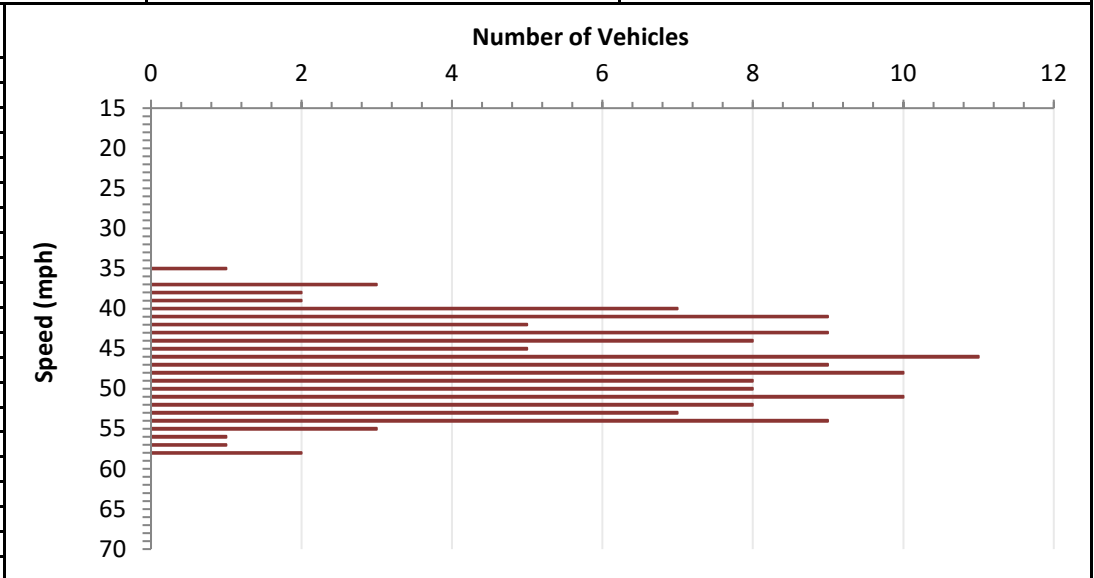
RADAR SPEED SURVEY

SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

Road Name:	Mission Rd	From:	Winter Haven Rd	To:	Hill Av
Position:	300' N/o Sterling Bridge	Direction:	NB/SB		

Date:	8/10/2023	Weather:	Clear	Project Number:	23-040154-003
Time Start:	9:00 AM	Road Condition:	Dry	Observer:	Contractor
Time End:	11:00 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	1	0.7%
36		
37	3	2.9%
38	2	4.3%
39	2	5.8%
40	7	10.9%
41	9	17.4%
42	5	21.0%
43	9	27.5%
44	8	33.3%
45	5	37.0%
46	11	44.9%
47	9	51.4%
48	10	58.7%
49	8	64.5%
50	8	70.3%
51	10	77.5%
52	8	83.3%
53	7	88.4%
54	9	94.9%
55	3	97.1%
56	1	97.8%
57	1	98.6%
58	2	100.0%
59		
60		
61		
62		
63		
64		
65		
66		
67		
68		
69		
70		
Total	138	



DATA ANALYSIS

Average Speed	47.1	Range	35 - 58
50th Percentile	46.8	10 mph Pace	43 - 52
85th Percentile	52.3	Number in Pace	86
90th Percentile	53.2	Percent in Pace	62%
95th Percentile	54.0		



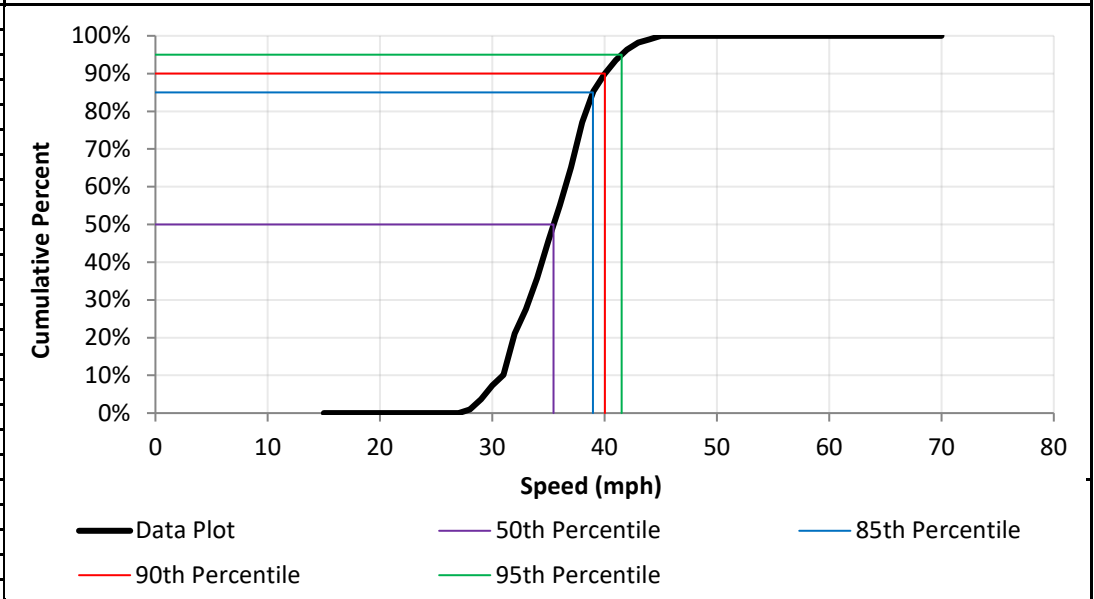
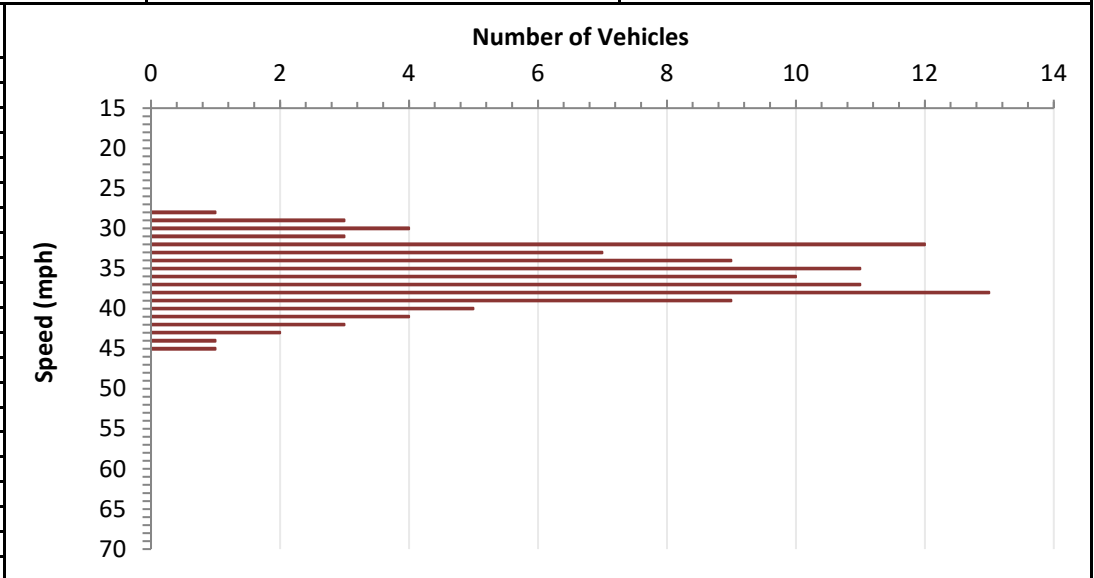
RADAR SPEED SURVEY

SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

Road Name:	Mission Rd	From:	Winter Haven Rd	To:	Hill Av
Position:	140' S/o Clemmens Ln	Direction:	NB/SB		

Date:	8/10/2023	Weather:	Clear	Project Number:	23-040154-001
Time Start:	11:10 AM	Road Condition:	Dry	Observer:	Contractor
Time End:	1:10 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	1	0.9%
29	3	3.7%
30	4	7.3%
31	3	10.1%
32	12	21.1%
33	7	27.5%
34	9	35.8%
35	11	45.9%
36	10	55.0%
37	11	65.1%
38	13	77.1%
39	9	85.3%
40	5	89.9%
41	4	93.6%
42	3	96.3%
43	2	98.2%
44	1	99.1%
45	1	100.0%
46		
47		
48		
49		
50		
51		
52		
53		
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55		
56		
57		
58		
59		
60		
61		
62		
63		
64		
65		
66		
67		
68		
69		
70		
Total	109	



DATA ANALYSIS

Average Speed	35.9	Range	28 - 45
50th Percentile	35.5	10 mph Pace	32 - 41
85th Percentile	39.0	Number in Pace	91
90th Percentile	40.0	Percent in Pace	83%
95th Percentile	41.5		



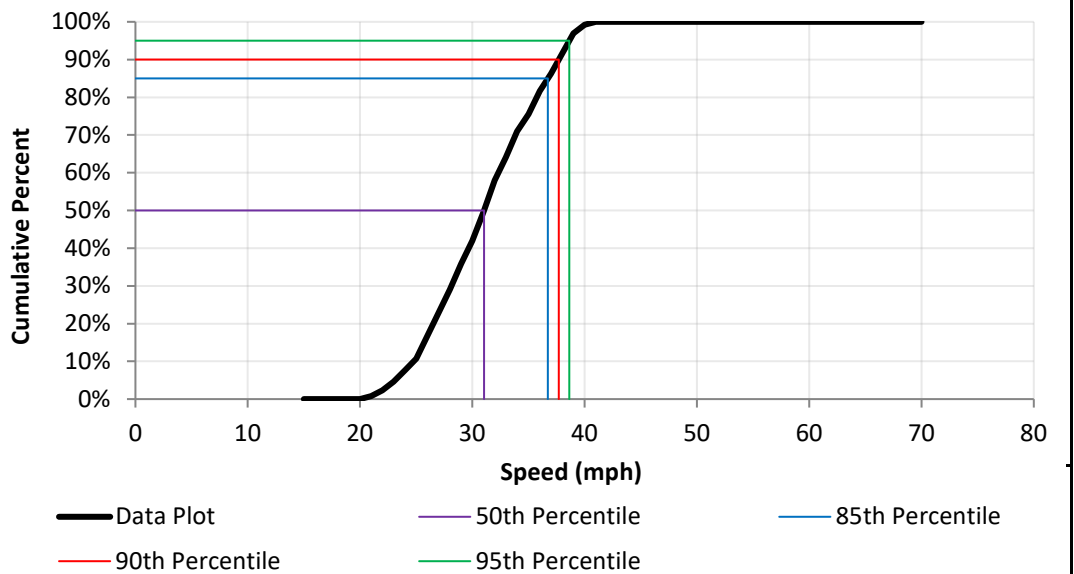
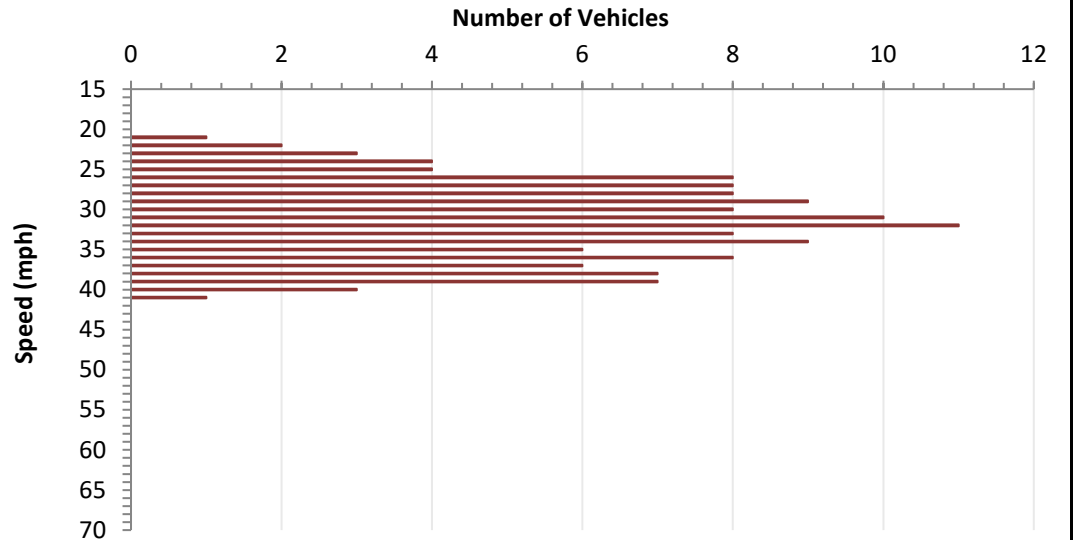
RADAR SPEED SURVEY

SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

Road Name:	Mission Rd	From:	Winter Haven Rd	To:	Hill Av
Position:	140' N/o College St	Direction:	NB/SB		

Date:	8/10/2023	Weather:	Clear	Project Number:	23-040154-002
Time Start:	1:20 PM	Road Condition:	Dry	Observer:	Contractor
Time End:	3:20 PM	Posted Speed:	35 MPH	Calibration Test:	Y

Speed (mph)	Num. Veh.	Cum. Pct.
15		
16		
17		
18		
19		
20		
21	1	0.8%
22	2	2.3%
23	3	4.6%
24	4	7.6%
25	4	10.7%
26	8	16.8%
27	8	22.9%
28	8	29.0%
29	9	35.9%
30	8	42.0%
31	10	49.6%
32	11	58.0%
33	8	64.1%
34	9	71.0%
35	6	75.6%
36	8	81.7%
37	6	86.3%
38	7	91.6%
39	7	96.9%
40	3	99.2%
41	1	100.0%
42		
43		
44		
45		
46		
47		
48		
49		
50		
51		
52		
53		
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55		
56		
57		
58		
59		
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62		
63		
64		
65		
66		
67		
68		
69		
70		
Total	131	

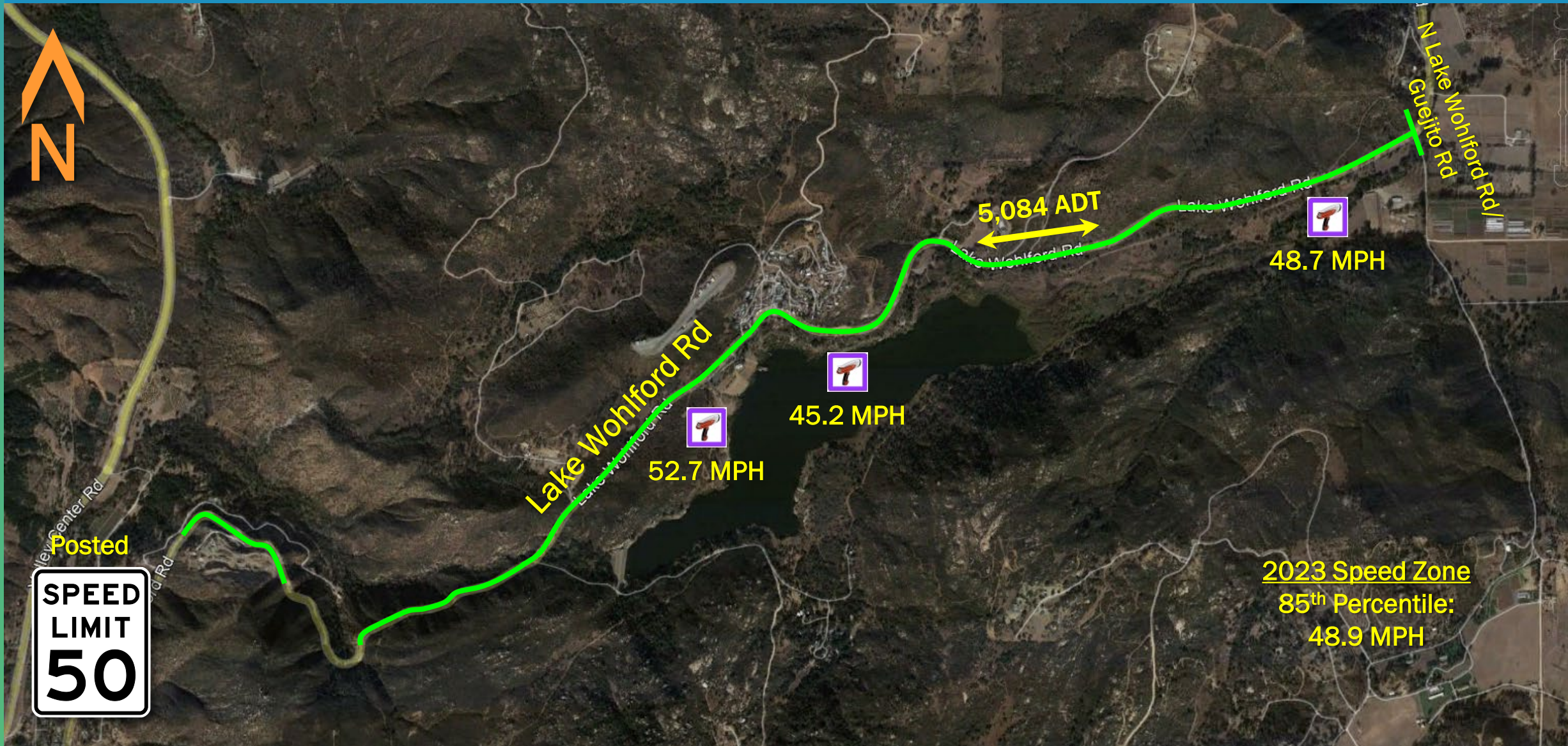


DATA ANALYSIS

Average Speed	31.5	Range	21 - 41
50th Percentile	31.0	10 mph Pace	26 - 35
85th Percentile	36.7	Number in Pace	85
90th Percentile	37.7	Percent in Pace	65%
95th Percentile	38.6		

Lake Wohlford Road

Guejito Road to Escondido City Limit (3.38 miles)



SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE

COMMITTEE REPORT OF: October 27, 2023

Item 5-D

SUPERVISORIAL DISTRICT: 5

SUBJECT: Radar Certification

LOCATION: Lake Wohlford Road from Guejito Road to Escondido City Limit (a distance of 3.38 miles) VALLEY CENTER (Thos. Bros. 1027-F2)

INITIATED BY: DPW Traffic Engineering

REQUEST: Radar Recertification

PROBLEM AS STATED BY REQUESTER:

Lake Wohlford Road from Guejito Road to Escondido City Limit is currently posted 50 MPH speed limit. A preliminary review of prevailing speeds and roadway conditions could support radar certification a 45 MPH speed limit.

Existing Traffic Devices

Lake Wohlford Road is a striped 2-lane undivided through highway. The road is 24 to 32 feet wide. There is edge striping on each side of the roadway. Lake Wohlford Road is currently classified as a Light Collector Road on the County General Plan Mobility Element Network. The road is posted with a 50 MPH radar enforced speed limit.

Average Daily Traffic Volumes

Lake Wohlford Road:

	<u>05/23</u>	<u>03/16</u>
1,000' N/o Oakvale Road	5,084	5,157

Speed Data

Lake Wohlford Road:

		<u>85th Percentile</u>	<u>10 MPH Pace</u>	<u>% in Pace</u>
1,000' S/o Guejito Road	(2023)	48.7 MPH	40-49	79%
	(2018)	53.0 MPH	44-53	66%
2,600' S/o Duro Road	(2023)	45.2 MPH	35-44	62%
	(2018)	48.0 MPH	37-46	67%
2,100' N/o Oakvale Road	(2023)	52.7 MPH	44-53	78%
Speed Zone	(2023)	48.9 MPH	40-49	73%

Collision Data

There have been 20 reported collisions, 10 which included an injury, along this segment of roadway in a 4-year period (2019-09-01 to 2023-08-31). These collisions result in a

segment accident rate of 0.85 collisions per million vehicle miles. The statewide average is 3.22 collisions per million vehicle miles for similar rural, rolling, conventional 2 lanes or less, roads with speeds less than 55 MPH.



County of San Diego

DEREK R. GADE, P.E.
DIRECTOR

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

COUNTY TRAFFIC ENGINEER RECOMMENDATION

Date: October 9, 2023

Item Title: Speed Limit and Radar Certification

Location: Lake Wohlford Road from Guejito Road to Escondido City Limit

CTE Recommendation: **Establish 45 MPH Radar Enforced Speed Limit**

Michael L. Kenney
Digitally signed by Michael L. Kenney
DN: cn=Michael Kenney, o=County of San Diego, ou=DPW,
c=United States of America
Date: 2023.10.09 14:01:59-0700

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.
- Lake Wohlford Road from Guejito Road to Escondido City Limit is a two-lane roadway that is 3.38 miles in length. Its characteristics is curvilinear consisting of tight horizontal and vertical curves with unimproved shoulder areas that have paved and unpaved turnouts. The pavement width varies between 28 feet and 35 feet, and it is stripped with a solid double yellow line along the entire corridor.

- Recent (2023) speed surveys on Lake Wohlford Road, taken within the subject segment, resulted in an overall prevailing speed of 49.0 mph, which supports a speed limit of 45 mph using radar for speed enforcement.
- A review of the roadway collision data for the most recent four-year period (September 1, 2019, to August 31, 2023) shows a total of 20 reported collisions on the subject section of Lake Wohlford Road which results in a collision rate of 0.85 collisions per million-vehicle-mile (c/mvm) compared to a state average of 3.22 c/mvm for similar roadway. It's worth noting that out of these 20 collisions, 10 resulted in injuries.
- Pursuant to CVC section 22358 coupled with above noted collision history on Lake Wohlford Road and the guidance of the CA MUTCD section 2B.13, a 45 mph radar enforced speed limit on Lake Wohlford Road between Guejito Road to Escondido City Limit is reasonable and safe.

VOLUME

Lake Wohlford Rd 1000' N/O Oakvale Rd

Day: Wednesday
Date: 5/31/2023

City: Escondido
Project #: CA23_040116_001

DAILY TOTALS					NB	SB						EB	WB						Total
					2,566	2,518						0	0						5,084
AM Period	NB		SB		EB	WB	TOTAL		PM Period	NB		SB		EB	WB	TOTAL			
0:00	1		4		0	0	5		12:00	29		31		0	0	60			
0:15	3		5		0	0	8		12:15	37		48		0	0	85			
0:30	5		5		0	0	10		12:30	31		38		0	0	69			
0:45	2	11	5	19	0	0	7	30	12:45	39	136	37	154	0	0	76	290		
1:00	5		5		0	0	10		13:00	32		39		0	0	71			
1:15	4		3		0	0	7		13:15	27		32		0	0	59			
1:30	1		5		0	0	6		13:30	39		28		0	0	67			
1:45	1	11	6	19	0	0	7	30	13:45	33	131	36	135	0	0	69	266		
2:00	3		4		0	0	7		14:00	41		35		0	0	76			
2:15	2		0		0	0	2		14:15	41		33		0	0	74			
2:30	2		3		0	0	5		14:30	41		29		0	0	70			
2:45	6	13	5	12	0	0	11	25	14:45	54	177	40	137	0	0	94	314		
3:00	2		2		0	0	4		15:00	43		32		0	0	75			
3:15	7		2		0	0	9		15:15	54		40		0	0	94			
3:30	1		7		0	0	8		15:30	62		51		0	0	113			
3:45	1	11	5	16	0	0	6	27	15:45	61	220	34	157	0	0	95	377		
4:00	3		6		0	0	9		16:00	67		48		0	0	115			
4:15	6		6		0	0	12		16:15	67		29		0	0	96			
4:30	0		10		0	0	10		16:30	71		32		0	0	103			
4:45	6	15	14	36	0	0	20	51	16:45	84	289	47	156	0	0	131	445		
5:00	4		14		0	0	18		17:00	64		32		0	0	96			
5:15	15		25		0	0	40		17:15	64		34		0	0	98			
5:30	10		31		0	0	41		17:30	71		37		0	0	108			
5:45	22	51	30	100	0	0	52	151	17:45	66	265	28	131	0	0	94	396		
6:00	21		51		0	0	72		18:00	58		34		0	0	92			
6:15	21		50		0	0	71		18:15	54		39		0	0	93			
6:30	22		55		0	0	77		18:30	62		28		0	0	90			
6:45	12	76	53	209	0	0	65	285	18:45	43	217	31	132	0	0	74	349		
7:00	31		64		0	0	95		19:00	39		22		0	0	61			
7:15	20		59		0	0	79		19:15	42		30		0	0	72			
7:30	20		54		0	0	74		19:30	27		25		0	0	52			
7:45	31	102	35	212	0	0	66	314	19:45	27	135	23	100	0	0	50	235		
8:00	26		41		0	0	67		20:00	24		24		0	0	48			
8:15	27		47		0	0	74		20:15	23		34		0	0	57			
8:30	25		43		0	0	68		20:30	32		16		0	0	48			
8:45	27	105	35	166	0	0	62	271	20:45	24	103	8	82	0	0	32	185		
9:00	19		29		0	0	48		21:00	18		14		0	0	32			
9:15	21		25		0	0	46		21:15	17		14		0	0	31			
9:30	26		30		0	0	56		21:30	25		24		0	0	49			
9:45	24	90	21	105	0	0	45	195	21:45	23	83	13	65	0	0	36	148		
10:00	26		46		0	0	72		22:00	13		13		0	0	26			
10:15	18		37		0	0	55		22:15	22		9		0	0	31			
10:30	28		33		0	0	61		22:30	13		15		0	0	28			
10:45	30	102	26	142	0	0	56	244	22:45	11	59	9	46	0	0	20	105		
11:00	31		34		0	0	65		23:00	13		6		0	0	19			
11:15	34		39		0	0	73		23:15	10		10		0	0	20			
11:30	33		45		0	0	78		23:30	11		7		0	0	18			
11:45	25	123	31	149	0	0	56	272	23:45	7	41	15	38	0	0	22	79		
TOTALS	710		1185				1895		TOTALS	1856		1333				3189			
SPLIT %	37.5%		62.5%				37.3%		SPLIT %	58.2%		41.8%				62.7%			

DAILY TOTALS						NB	SB	EBWB						Total
						2,566	2,518							0
AM Peak Hour	10:45	6:30			6:30	PM Peak Hour	16:00	15:15				16:00		
AM Pk Volume	128	231			316	PM Pk Volume	289	173				445		
Pk Hr Factor	0.941	0.902			0.832	Pk Hr Factor	0.860	0.848				0.849		
7 - 9 Volume	207	378	0	0	585	4 - 6 Volume	554	287	0	0		841		
7 - 9 Peak Hour	7:45	7:00			7:00	4 - 6 Peak Hour	16:00	16:00				16:00		
7 - 9 Pk Volume	109	212	0	0	314	4 - 6 Pk Volume	289	156	0	0		445		
Pk Hr Factor	0.879	0.828	0.000	0.000	0.826	Pk Hr Factor	0.860	0.813	0.000	0.000		0.849		



RADAR SPEED SURVEY

SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

Road Name: Lake Wohlford Rd **From:** Guejito Rd **To:** End of County Maintenance

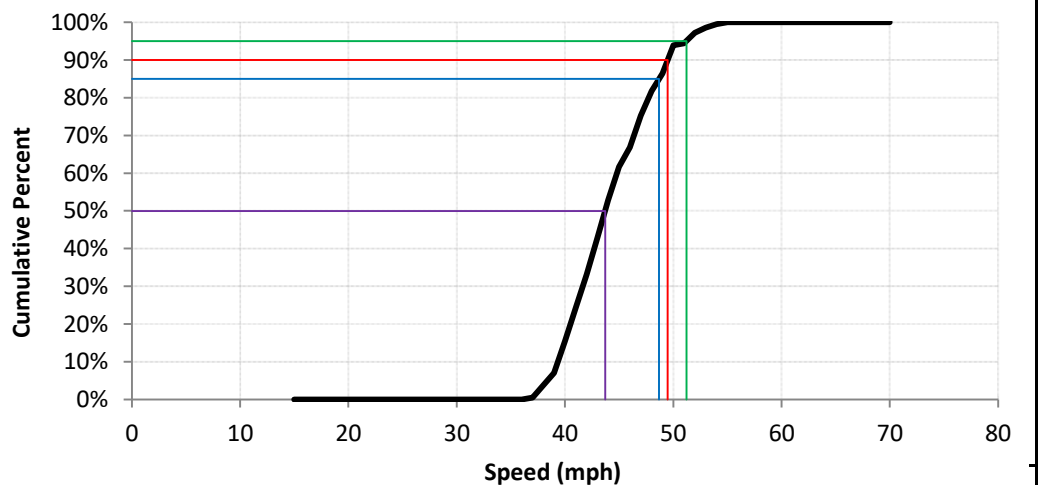
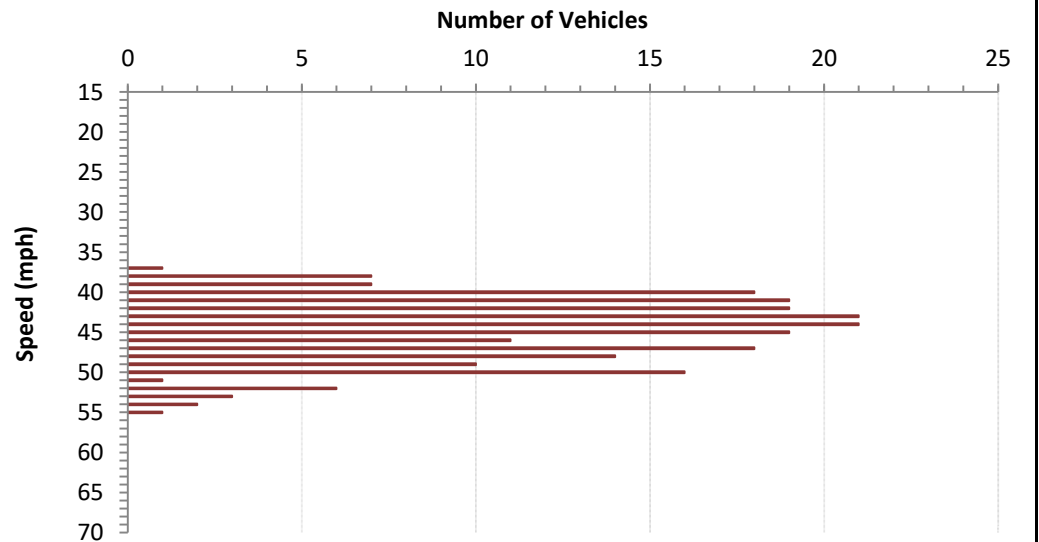
Position: 1000' S/o of Guejito Rd **Direction:** NB/SB

Date: 5/31/2023 **Weather:** Clear Skies **Project Number:** 0

Time Start: 9:00 AM **Road Condition:** Dry **Observer:** County

Time End: 11:00 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	44.6	Range	37 - 55
63	50th Percentile	43.7	10 mph Pace	40 - 49
64	85th Percentile	48.7	Number in Pace	170
65	90th Percentile	49.5	Percent in Pace	79%
66	95th Percentile	51.2		
67				
68				
69				
70				
Total	214			



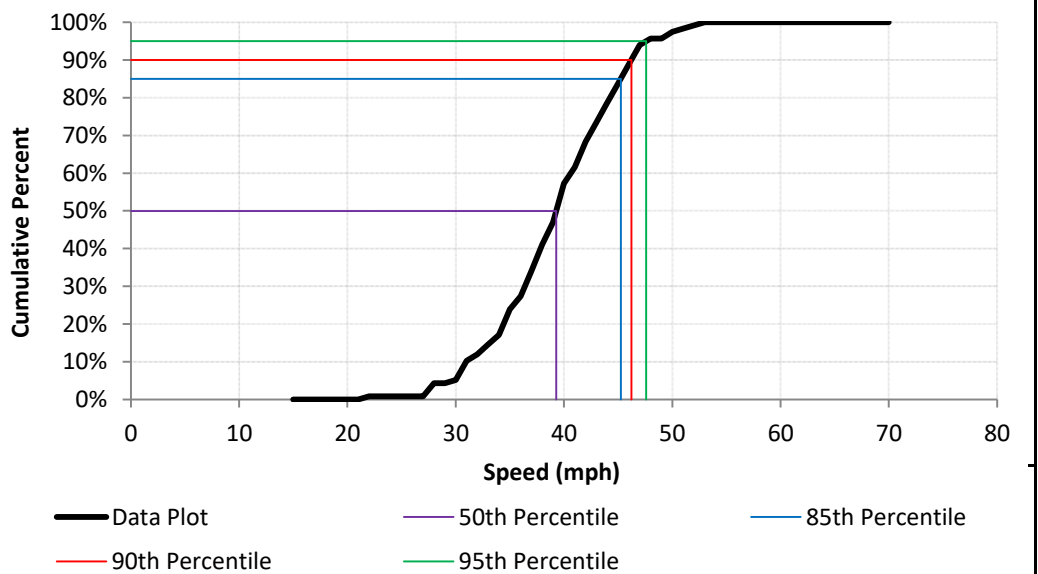
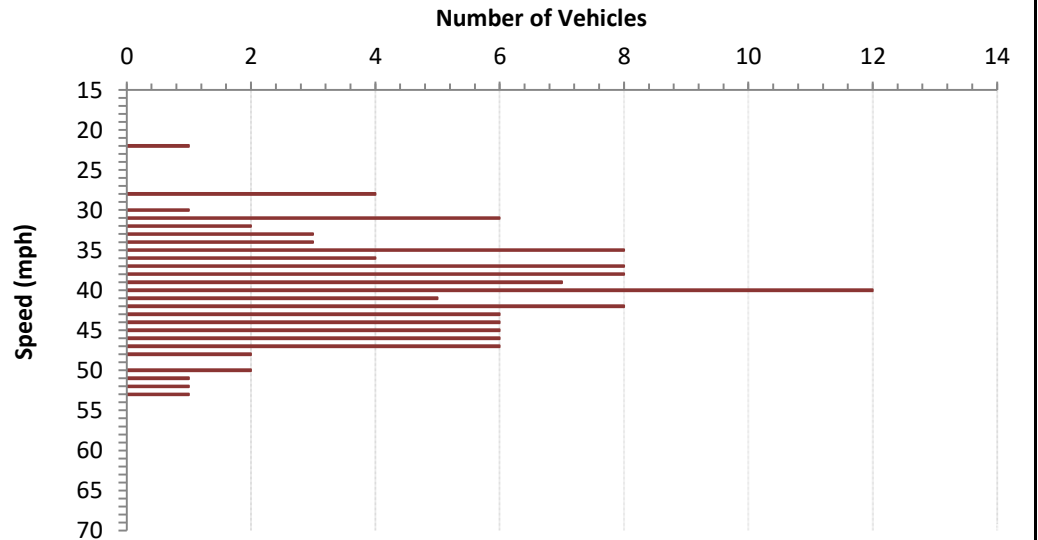
RADAR SPEED SURVEY

SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

Road Name:	Lake Wohlford Rd	From:	Guejito Rd	To:	End of County Maintenance
Position:	2600' S/o of Duro Rd	Direction:	NB/SB		

Date:	6/7/2023	Weather:	Cloudy	Project Number:	0
Time Start:	10:28AM	Road Condition:	Dry	Observer:	County
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	1	0.9%
23		
24		
25		
26		
27		
28	4	4.3%
29		
30	1	5.1%
31	6	10.3%
32	2	12.0%
33	3	14.5%
34	3	17.1%
35	8	23.9%
36	4	27.4%
37	8	34.2%
38	8	41.0%
39	7	47.0%
40	12	57.3%
41	5	61.5%
42	8	68.4%
43	6	73.5%
44	6	78.6%
45	6	83.8%
46	6	88.9%
47	6	94.0%
48	2	95.7%
49		
50	2	97.4%
51	1	98.3%
52	1	99.1%
53	1	100.0%
54		
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60		
61		
62		
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64		
65		
66		
67		
68		
69		
70		
Total	117	



DATA ANALYSIS

Average Speed	39.6	Range	22 - 53
50th Percentile	39.3	10 mph Pace	35 - 44
85th Percentile	45.2	Number in Pace	72
90th Percentile	46.2	Percent in Pace	62%
95th Percentile	47.6		



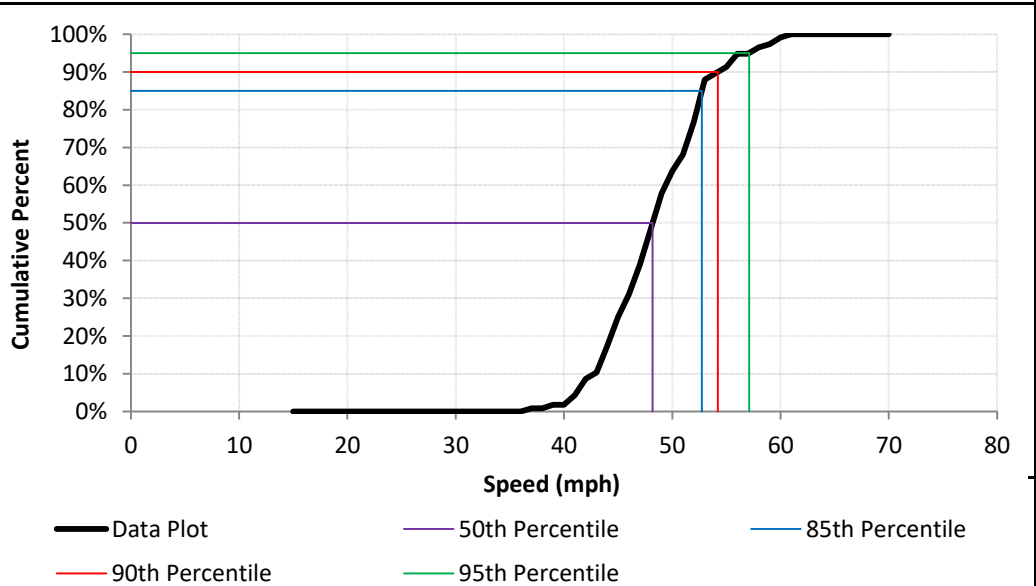
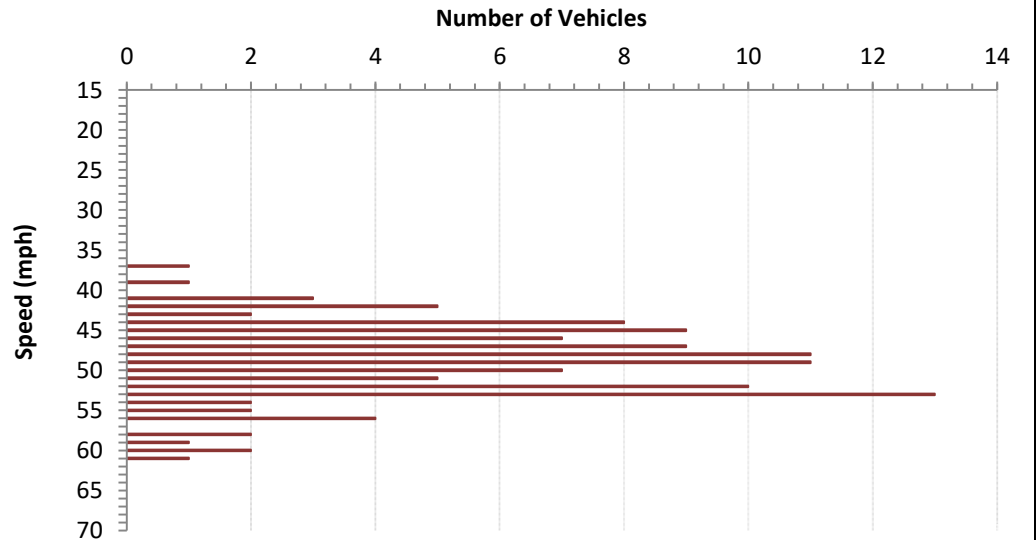
RADAR SPEED SURVEY

SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

Road Name:	Lake Wohlford Rd	From:	Guejito Rd	To:	End of County Maintenance
Position:	2100' N/o Oakvale Rd	Direction:	NB/SB		

Date:	6/21/2023	Weather:	SUNNY-CLEAR SKIES	Project Number:	N/A
Time Start:	11:14 AM	Road Condition:	Dry	Observer:	County
Time End:	11:50 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 ANALYSIS					
Average Speed	48.9	Range	37 - 61		
50th Percentile	48.2	10 mph Pace	44 - 53		
85th Percentile	52.7	Number in Pace	90		
90th Percentile	54.2	Percent in Pace	78%		
95th Percentile	57.1				
Total	116				