

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

October 20, 2022

TO: Community Planning/Sponsor Group Chairpersons

FROM: Secretary, Traffic Advisory Committee

MEETING NOTICE

Attached is the preliminary agenda for the October 28, 2022 meeting of the Traffic Advisory Committee (TAC).

This TAC meeting on October 28, 2022, 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: 274 843 775 804

Passcode: wHedsk

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

Or call in (audio only)

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

Phone Conference ID: 171 361 270#

[Find a local number](#) | [Meeting options](#)

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

**October 28, 2022 ~ 9:00 AM
5510 Overland Ave, Room 271
San Diego CA, 92123**

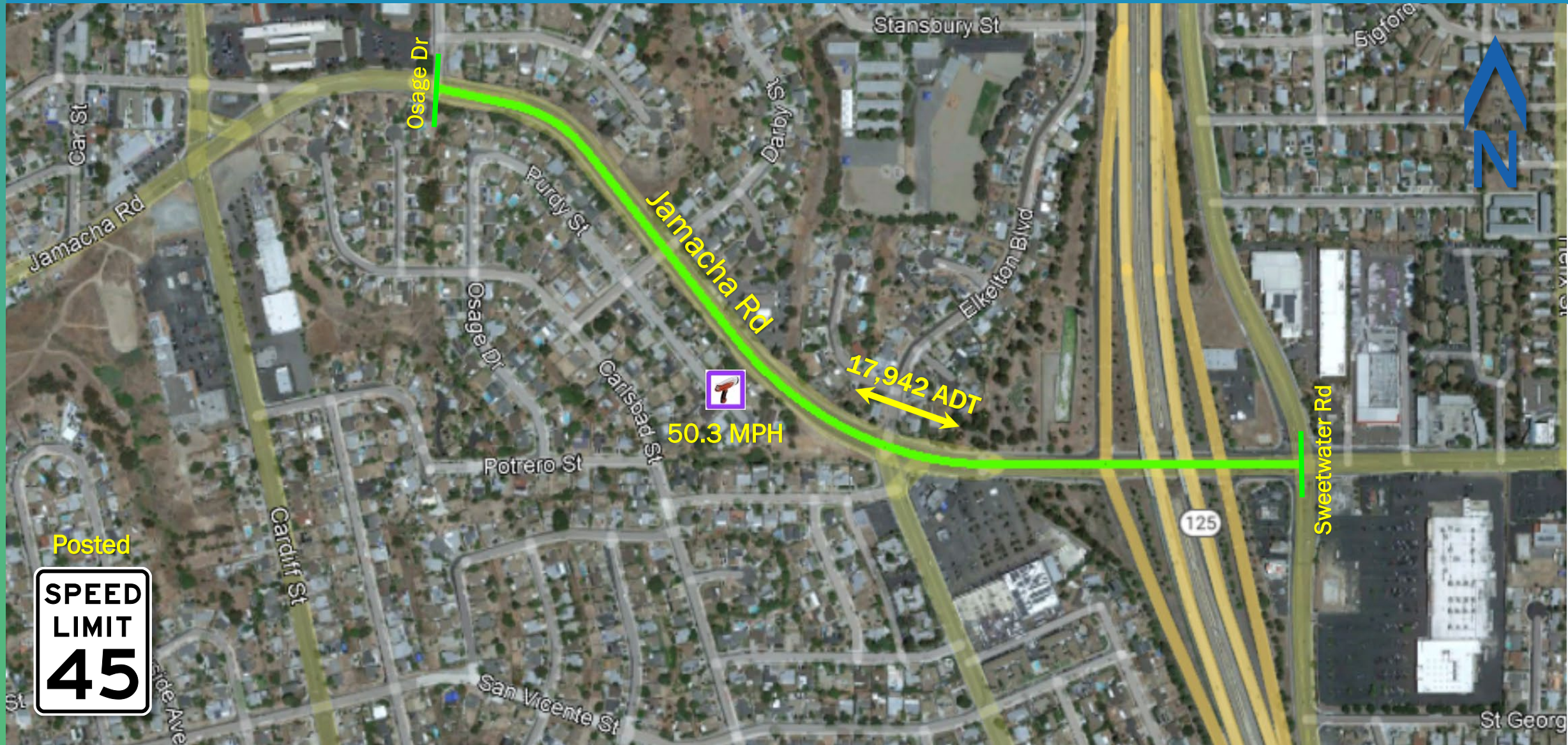
AGENDA

- 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	JAMACHA ROAD OSAGE DR TO SWEETWATER ROAD	SPRING VALLEY/ SPRING VALLEY CPG
<u>SUPERVISORIAL DISTRICT 2</u>		
2-A. RADAR CERTIFICATION	BEAR VALLEY PARKWAY ESCONDIDO CL TO SR-78	SAN PASQUAL/ N/A
2-B. RADAR CERTIFICATION	BEAR VALLEY PARKWAY SR-78 TO ESCONDIDO CL	SAN PASQUAL/ N/A
<u>SUPERVISORIAL DISTRICT 3</u>		
3-A. RADAR CERTIFICATION	EL MONTEVIDEO PASEO DELICIAS TO VIA DE FORTUNA	RANCHO SAN DIEGUITO/ SAN DIEGUITO CPG
<u>SUPERVISORIAL DISTRICT 4</u>		
4-A. RADAR CERTIFICATION	BRABHAM STREET FURY LANE TO SR-54	CALAVO GARDENS/ VALLE DE ORO CPG
4-B. RADAR CERTIFICATION	BRABHAM STREET SR-54 TO MERLYN PLACE	HILLSDALE/ VALLE DE ORO CPG
4-C. INTERSECTION CONTROLS	MT HELIX DRIVE & VIVERA DR	GROSSMONT/ VALLE DE ORO CPG
<u>SUPERVISORIAL DISTRICT 5</u>		
5-A. RADAR CERTIFICATION	BEAR VALLEY PARKWAY LAS PALMAS AVENUE TO ESCONDIDO CL	SAN PASQUAL/ N/A
5-B. RADAR CERTIFICATION	MISSION ROAD 860' SOUTH OF PEPPER TREE LN TO HILL AV	FALLBROOK/ FALLBROOK CPG

Jamacha Road

Osage Dr to Sweetwater Road (0.70 miles)



SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE

COMMITTEE REPORT OF: October 28, 2022

Item 1-A

SUPERVISORIAL DISTRICT: 1

SUBJECT: Radar Certification

LOCATION: Jamacha Road from Osage Street to Sweetwater Road
(a distance of 0.70 miles) SPRING VALLEY (Thos.
Bros. 1290-H2)

INITIATED BY: DPW Traffic Engineering

REQUEST: Radar Recertification

PROBLEM AS STATED BY REQUESTER:

Jamacha Road from Osage Street to Sweetwater Road 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 Jamacha Road is a striped 4-lane divided road with a combined pavement width between 70 to 110 feet. The roadway is striped with a yellow left edge line and lane lines. The road is posted with a curve advisory sign and several signal ahead signs. Jamacha Road 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

Jamacha Road:

250' W/o Elkelton Boulevard

10/22

17,942

04/15

19,760

Speed Data

Jamacha Road:

250' E/o Darby Street

**85th
Percentile**

(2022) 50.3 MPH
(2015) 46.0 MPH

**10 MPH
Pace**

42-51
40-49

**% in
Pace**

66.0%
68.0%

Collision Data

There have been 111 reported collisions, 37 of which involved an injury, along this segment of roadway in a 3-year period (2019-06-01 to 2022-05-31). These collisions result in a segment accident rate of 8.09 collisions per million vehicle miles. The statewide average is 1.18 collisions per million vehicle miles for similar suburban, divided 4 lane, roads with speeds less than 55 MPH.

VOLUME

Jamacha Rd 250' W/O Elkelton Blvd

Day: Wednesday
Date: 10/12/2022

City: Spring Valley
Project #: CA22_040176_007

DAILY TOTALS					NB	SB	EBWB					Total	
					0	0						17,941	
AM Period	NB	SB	EB	WB	TOTAL		PM Period	NB	SB	EB	WB	TOTAL	
00:00			15	26	41		12:00			140	145	285	
00:15			12	36	48		12:15			131	173	304	
00:30			12	15	27		12:30			125	146	271	
00:45			8	47	13	90	12:45			139	535	166	630
					21	137						305	1165
01:00			6	16	22		13:00			117	132	249	
01:15			5	10	15		13:15			151	147	298	
01:30			5	16	21		13:30			121	136	257	
01:45			8	24	10	52	13:45			124	513	162	577
					18	76						286	1090
02:00			5	8	13		14:00			128	176	304	
02:15			11	11	22		14:15			132	135	267	
02:30			6	7	13		14:30			137	166	303	
02:45			6	28	12	38	14:45			147	544	157	634
					18	66						304	1178
03:00			6	11	17		15:00			132	161	293	
03:15			19	9	28		15:15			106	176	282	
03:30			19	9	28		15:30			133	214	347	
03:45			10	54	7	36	15:45			132	503	205	756
					17	90						337	1259
04:00			33	4	37		16:00			133	184	317	
04:15			29	19	48		16:15			122	197	319	
04:30			38	10	48		16:30			144	199	343	
04:45			39	139	16	49	16:45			114	513	212	792
					55	188						326	1305
05:00			53	14	67		17:00			142	196	338	
05:15			83	19	102		17:15			162	194	356	
05:30			95	28	123		17:30			149	205	354	
05:45			98	329	47	108	17:45			135	588	203	798
					145	437						338	1386
06:00			84	45	129		18:00			123	196	319	
06:15			93	45	138		18:15			130	210	340	
06:30			114	49	163		18:30			133	174	307	
06:45			84	375	101	240	18:45			110	496	197	777
					185	615						307	1273
07:00			111	100	211		19:00			119	153	272	
07:15			126	113	239		19:15			111	143	254	
07:30			133	114	247		19:30			93	127	220	
07:45			148	518	179	506	19:45			98	421	147	570
					327	1024						245	991
08:00			147	131	278		20:00			71	107	178	
08:15			130	128	258		20:15			83	124	207	
08:30			116	125	241		20:30			85	103	188	
08:45			108	501	109	493	20:45			73	312	89	423
					217	994						162	735
09:00			117	97	214		21:00			75	91	166	
09:15			116	96	212		21:15			75	87	162	
09:30			112	107	219		21:30			63	85	148	
09:45			134	479	111	411	21:45			52	265	80	343
					245	890						132	608
10:00			105	94	199		22:00			47	67	114	
10:15			114	94	208		22:15			36	58	94	
10:30			116	123	239		22:30			37	55	92	
10:45			118	453	103	414	22:45			22	142	61	241
					221	867						83	383
11:00			108	131	239		23:00			23	41	64	
11:15			102	112	214		23:15			28	32	60	
11:30			121	114	235		23:30			24	37	61	
11:45			116	447	131	488	23:45			16	91	48	158
					247	935						64	249
TOTALS			3394	2925	6319		TOTALS			4923	6699	11622	
SPLIT %			53.7%	46.3%	35.2%		SPLIT %			42.4%	57.6%	64.8%	

DAILY TOTALS				NB	SB	EB				WB	Total
				0	0	8,317				9,624	17,941
AM Peak Hour			07:30	11:45	07:30	PM Peak Hour			17:00	17:30	17:00
AM Pk Volume			558	595	1110	PM Pk Volume			588	814	1386
Pk Hr Factor			0.943	0.860	0.849	Pk Hr Factor			0.907	0.969	0.973
7 - 9 Volume	0	0	1019	999	2018	4 - 6 Volume	0	0	1101	1590	2691
7 - 9 Peak Hour			07:30	07:45	07:30	4 - 6 Peak Hour			17:00	16:45	17:00
7 - 9 Pk Volume	0	0	558	563	1110	4 - 6 Pk Volume	0	0	588	807	1386
Pk Hr Factor	0.000	0.000	0.943	0.786	0.849	Pk Hr Factor	0.000	0.000	0.907	0.952	0.973



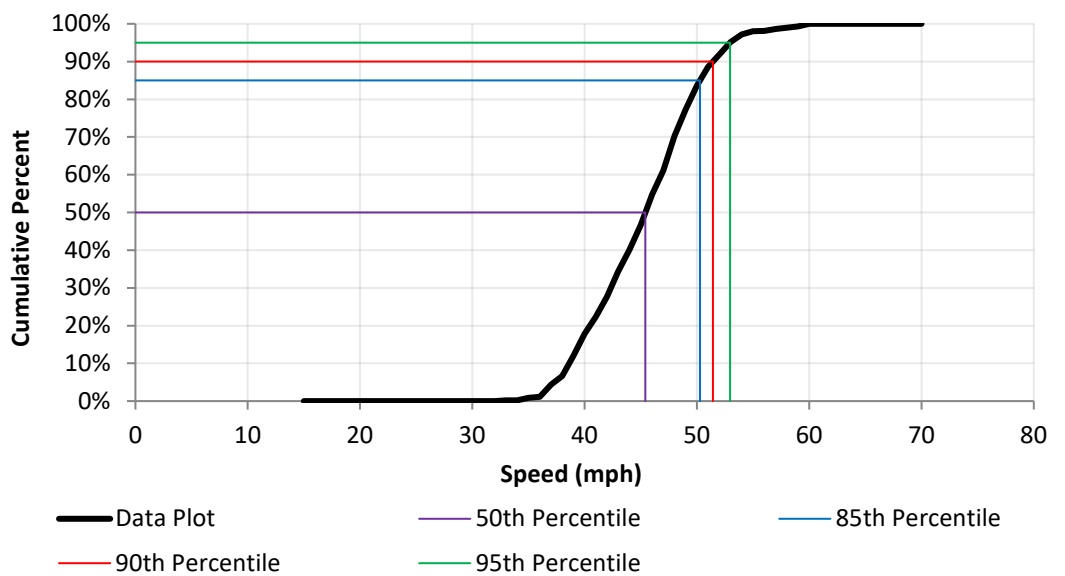
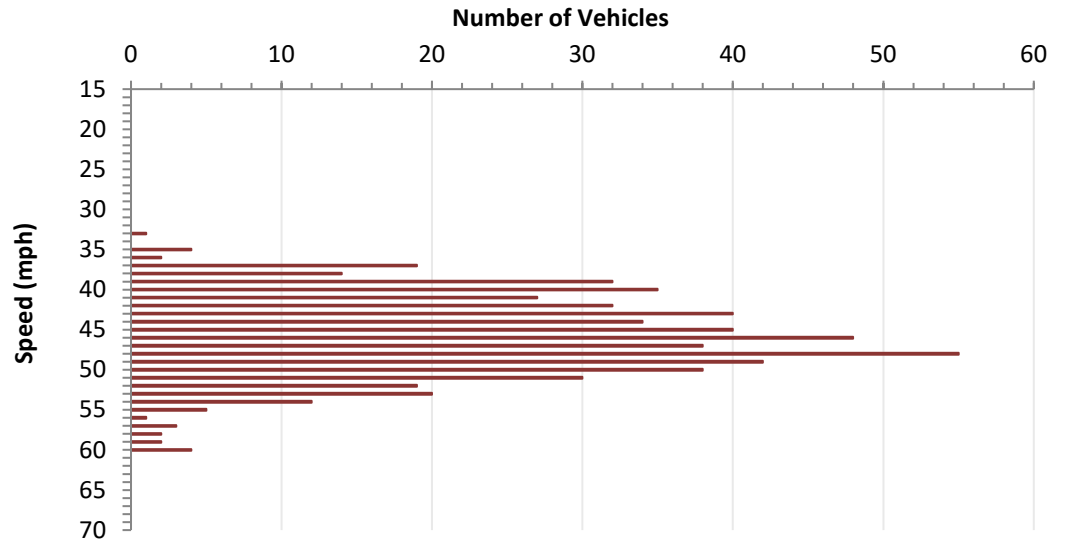
RADAR SPEED SURVEY

SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

Road Name:	Jamacha Rd	From:	Sweetwater Rd	To:	Lemon Grove CL (at Osage St)
Position:	250' EO Darby St	Direction:	NB/SB		

Date:	9/28/2022	Weather:	Clear	Project Number:	22-040175-005
Time Start:	11:40 AM	Road Condition:	Dry	Observer:	Contractor
Time End:	1:40 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	1	0.2%
34		
35	4	0.8%
36	2	1.2%
37	19	4.3%
38	14	6.7%
39	32	12.0%
40	35	17.9%
41	27	22.4%
42	32	27.7%
43	40	34.4%
44	34	40.1%
45	40	46.7%
46	48	54.8%
47	38	61.1%
48	55	70.3%
49	42	77.3%
50	38	83.6%
51	30	88.6%
52	19	91.8%
53	20	95.2%
54	12	97.2%
55	5	98.0%
56	1	98.2%
57	3	98.7%
58	2	99.0%
59	2	99.3%
60	4	100.0%
61		
62		
63		
64		
65		
66		
67		
68		
69		
70		
Total	599	

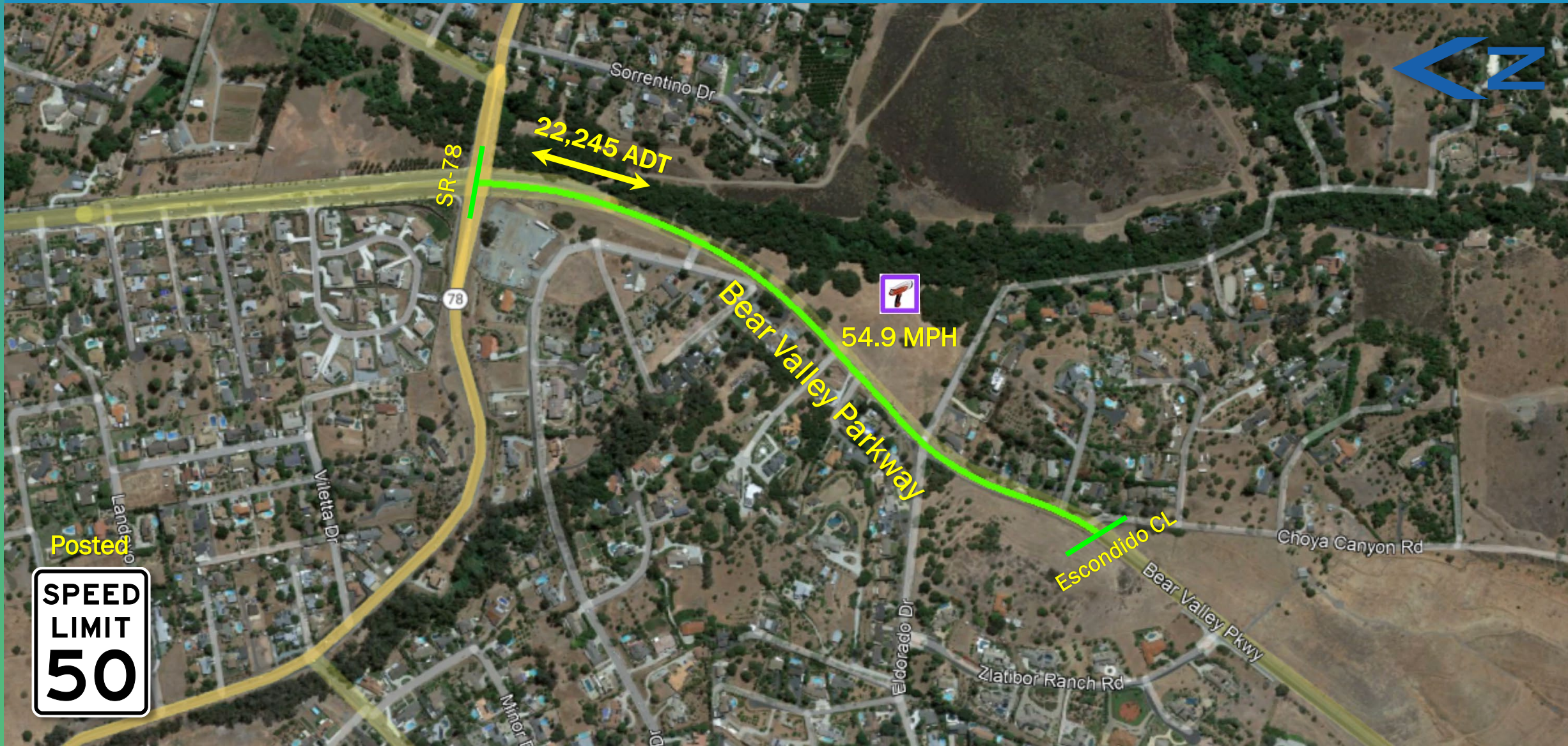


DATA ANALYSIS

Average Speed	45.7	Range	33 - 60
50th Percentile	45.4	10 mph Pace	42 - 51
85th Percentile	50.3	Number in Pace	397
90th Percentile	51.4	Percent in Pace	66%
95th Percentile	53.0		

Bear Valley Parkway

Escondido City Limit (at Choya Canyon Rd) to SR-78 (San Pasqual Valley Rd)
(0.59 miles)



SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE

COMMITTEE REPORT OF: October 28, 2022

Item 2-A

SUPERVISORIAL DISTRICT: 2

SUBJECT: Radar Certification

LOCATION: Bear Valley Parkway from Escondido city limit (at Choya Canyon Road) to State Route 78 (San Pasqual Valley Road) (a distance of 0.59 miles) SAN PASQUAL (Thos. Bros. 1130-C5)

INITIATED BY: DPW Traffic Engineering

REQUEST: Radar Certification

PROBLEM AS STATED BY REQUESTER:

Bear Valley Parkway from Escondido city limit (at Choya Canyon) to State Route 78 is currently posted with a 50 MPH 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 Bear Valley Parkway is a striped 2-lane undivided through highway with a pavement between 44 and 84 feet. The roadway is striped with a no-passing center line and bike lane. The road is posted with an intersection advisory sign w/ flashing beacon and signal advisory sign. Bear Valley Parkway is classified as a Major Road on the County General Plan Mobility Element Network. The road is posted with a 50 MPH speed limit.

Average Daily Traffic Volumes

06/22

Bear Valley Parkway:

200' S/o San Pasqual Valley Road 22,245

Speed Data

**85th
Percentile**

**10 MPH
Pace**

**% in
Pace**

Bear Valley Parkway:

425' N/o Eldorado Drive (2022) 52.8 MPH 44-53 69.0%

Collision Data

There have been 12 reported collisions, 6 of which involved an injury and 1 of which involved a fatality, along this segment of roadway in a 3-year period (2019-06-01 to 2022-05-31). These collisions result in a segment accident rate of 0.84 collisions per million vehicle miles. The statewide average is 1.32 collisions per million vehicle miles for similar suburban, 2 lanes or less, roads with speeds from 45 to 55 MPH.

VOLUME

Bear Valley Pkwy 200' S/O San Pasqual Valley Rd

Day: Wednesday
Date: 6/29/2022City: San Pasqual
Project #: CA22_040105_003

DAILY TOTALS					NB	SB						EB	WB						Total
					11,209	11,036						0	0						22,245
AM Period	NB	SB	EB	WB	TOTAL		PM Period	NB	SB	EB	WB	TOTAL							TOTAL
0:00	21	14			35		12:00	175	110			285							285
0:15	24	19			43		12:15	171	140			311							311
0:30	25	17			42		12:30	135	142			277							277
0:45	19	89	7	57	26	146	12:45	139	620	143	535	282	1155						
1:00	12	15			27		13:00	164	142			306							306
1:15	11	12			23		13:15	121	117			238							238
1:30	17	10			27		13:30	173	138			311							311
1:45	9	49	11	48	20	97	13:45	150	608	134	531	284	1139						
2:00	13	11			24		14:00	177	133			310							310
2:15	14	10			24		14:15	187	124			311							311
2:30	12	13			25		14:30	179	128			307							307
2:45	8	47	8	42	16	89	14:45	202	745	133	518	335	1263						
3:00	6	14			20		15:00	221	123			344							344
3:15	4	10			14		15:15	237	148			385							385
3:30	3	23			26		15:30	244	137			381							381
3:45	16	29	27	74	43	103	15:45	253	955	157	565	410	1520						
4:00	13	34			47		16:00	243	149			392							392
4:15	7	58			65		16:15	304	136			440							440
4:30	5	56			61		16:30	285	161			446							446
4:45	16	41	85	233	101	274	16:45	264	1096	175	621	439	1717						
5:00	10	109			119		17:00	315	148			463							463
5:15	16	147			163		17:15	291	195			486							486
5:30	32	200			232		17:30	258	148			406							406
5:45	29	87	204	660	233	747	17:45	255	1119	128	619	383	1738						
6:00	49	235			284		18:00	293	137			430							430
6:15	71	262			333		18:15	198	136			334							334
6:30	71	292			363		18:30	213	123			336							336
6:45	86	277	259	1048	345	1325	18:45	211	915	146	542	357	1457						
7:00	82	292			374		19:00	199	101			300							300
7:15	99	266			365		19:15	215	123			338							338
7:30	110	256			366		19:30	157	74			231							231
7:45	135	426	199	1013	334	1439	19:45	171	742	98	396	269	1138						
8:00	115	228			343		20:00	179	99			278							278
8:15	105	224			329		20:15	142	115			257							257
8:30	99	195			294		20:30	152	87			239							239
8:45	108	427	189	836	297	1263	20:45	148	621	69	370	217	991						
9:00	104	163			267		21:00	169	60			229							229
9:15	101	162			263		21:15	144	64			208							208
9:30	110	188			298		21:30	108	61			169							169
9:45	92	407	141	654	233	1061	21:45	97	518	62	247	159	765						
10:00	102	129			231		22:00	103	59			162							162
10:15	89	136			225		22:15	66	18			84							84
10:30	119	170			289		22:30	79	35			114							114
10:45	107	417	154	589	261	1006	22:45	55	303	43	155	98	458						
11:00	105	144			249		23:00	64	20			84							84
11:15	120	151			271		23:15	40	25			65							65
11:30	139	148			287		23:30	30	25			55							55
11:45	140	504	149	592	289	1096	23:45	33	167	21	91	54	258						
TOTALS	2800	5846			8646		TOTALS	8409	5190			13599							
SPLIT %	32.4%	67.6%			38.9%		SPLIT %	61.8%	38.2%			61.1%							

DAILY TOTALS					NB	SB						EB	WB						Total
					11,209	11,036						0	0						22,245
AM Peak Hour	11:30	6:30			6:45		PM Peak Hour	16:15	16:30			16:30							
AM Pk Volume	625	1109			1450		PM Pk Volume	1168	679			1834							
Pk Hr Factor	0.893	0.949			0.969		Pk Hr Factor	0.927	0.871			0.943							
7 - 9 Volume	853	1849	0	0	2702		4 - 6 Volume	2215	1240	0	0	3455							
7 - 9 Peak Hour	7:30	7:00			7:00		4 - 6 Peak Hour	16:15	16:30			16:30							
7 - 9 Pk Volume	465	1013	0	0	1439		4 - 6 Pk Volume	1168	679	0	0	1834							
Pk Hr Factor	0.861	0.867	0.000	0.000	0.962		Pk Hr Factor	0.927	0.871	0.000	0.000	0.943							



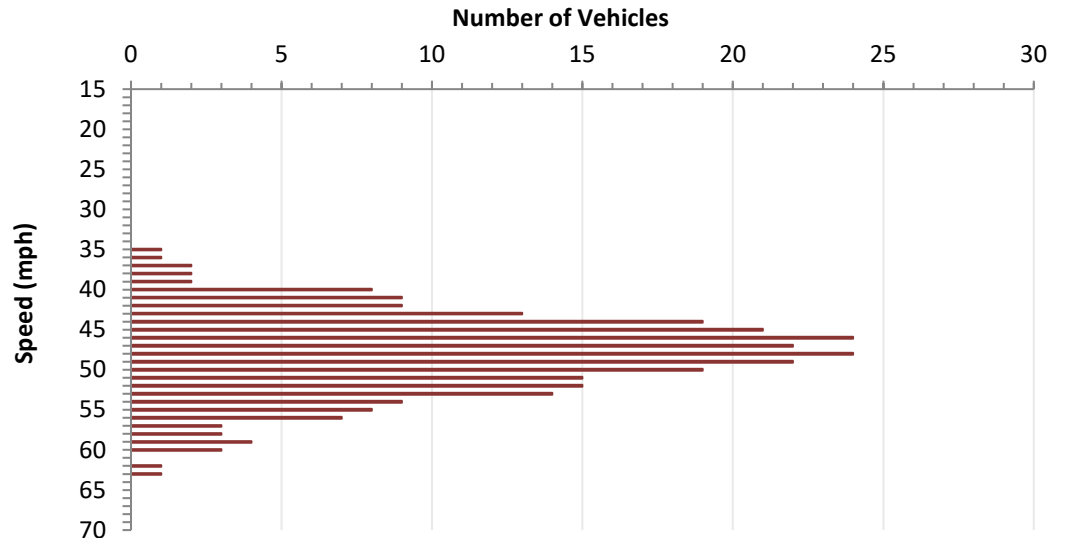
RADAR SPEED SURVEY

SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

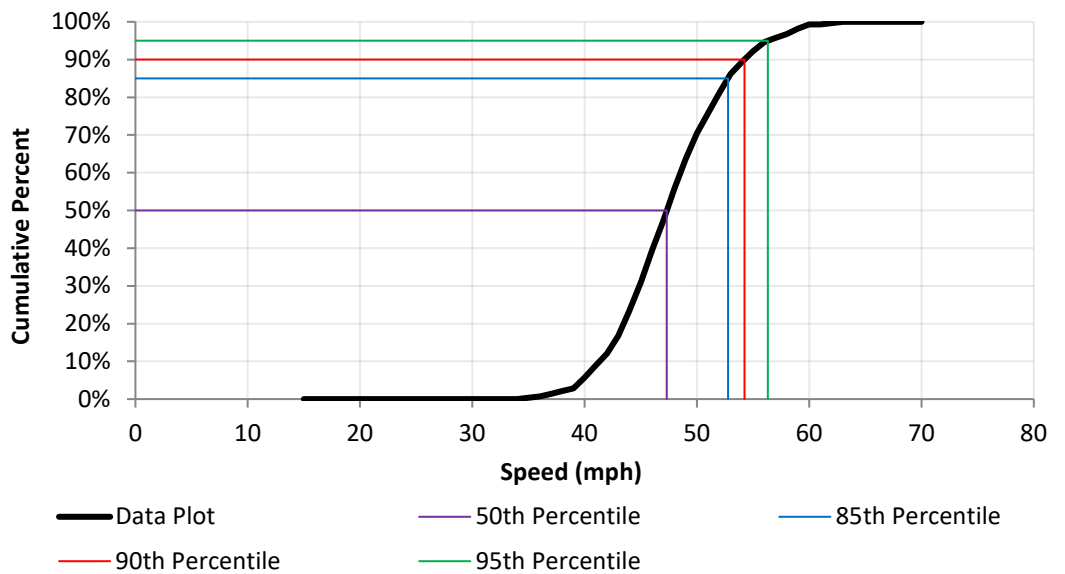
Road Name:	Bear Valley Py	From:	ES CL LEAVE (Las Palmas Av)	To:	ES CL ENTER (Old Spanish Trail)
Position:	425' N/o Eldorado Dr	Direction:	NB/ SB		

Date:	8/25/2022	Weather:	Clear	Project Number:	N/A
Time Start:	10:15 AM	Road Condition:	Dry	Observer:	County
Time End:	11:15 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	0.4%
36	1	0.7%
37	2	1.4%
38	2	2.1%
39	2	2.8%
40	8	5.7%
41	9	8.9%
42	9	12.1%
43	13	16.7%
44	19	23.5%
45	21	31.0%
46	24	39.5%
47	22	47.3%
48	24	55.9%
49	22	63.7%
50	19	70.5%
51	15	75.8%
52	15	81.1%
53	14	86.1%
54	9	89.3%
55	8	92.2%
56	7	94.7%
57	3	95.7%
58	3	96.8%
59	4	98.2%
60	3	99.3%
61		
62	1	99.6%
63	1	100.0%
64		
65		
66		
67		
68		
69		
70		
Total	281	

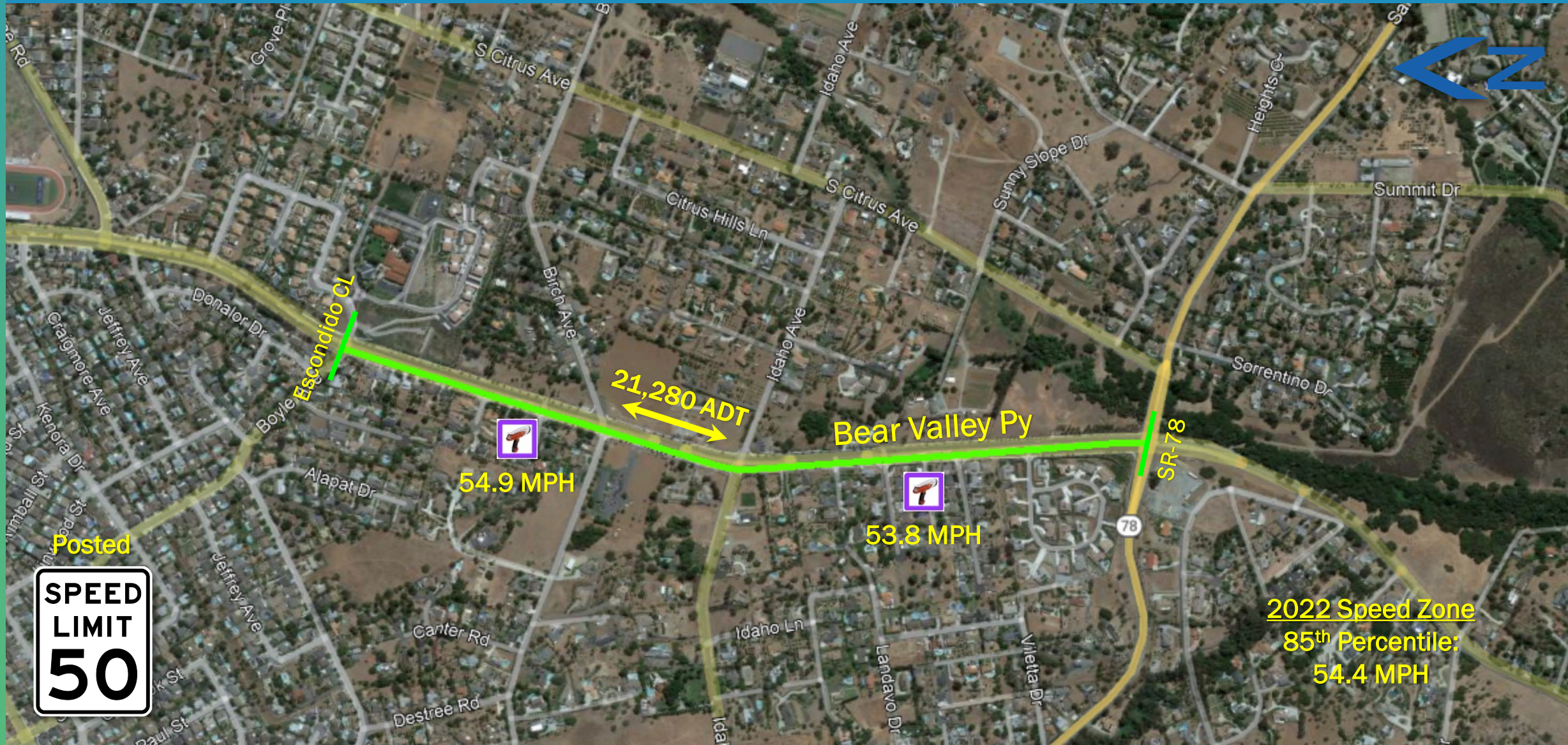


DATA ANALYSIS

Average Speed	48.1	Range	35 - 63
50th Percentile	47.3	10 mph Pace	44 - 53
85th Percentile	52.8	Number in Pace	195
90th Percentile	54.2	Percent in Pace	69%
95th Percentile	56.3		

Bear Valley Parkway

SR-78 (San Pasqual Valley Road) to Escondido City Limit (at Boyle Avenue)
(0.93 miles)



SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE

COMMITTEE REPORT OF: October 28, 2022

Item 2-B

SUPERVISORIAL DISTRICT: 2

SUBJECT: Radar Certification

LOCATION: Bear Valley Parkway from State Route 78 to Boyle Avenue (a distance of 1.52 miles) SAN PASQUAL (Thos. Bros. 1130-C5)

INITIATED BY: DPW Traffic Engineering

REQUEST: Radar Recertification

PROBLEM AS STATED BY REQUESTER:

Bear Valley Parkway from State Route 78 to Boyle Avenue is 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.

Existing Traffic Devices

This segment of Bear Valley Parkway is a striped 4-lane divided through highway with a combined pavement between width of 74 and 100 feet. The roadway is striped with lane striping and bike lanes. The road is posted with a curve advisory sign and a signal advisory sign. Bear Valley Parkway is classified as a Major Road on the County General Plan Mobility Element Network. The roadway is posted with a 50 MPH, radar enforced, speed limit.

Average Daily Traffic Volumes

	<u>06/22</u>	<u>03/17</u>
Bear Valley Parkway:		
200' N/o San Pasqual Valley Road	21,950	18,850
200' S/o Boyle Avenue	20,609	

<u>Speed Data</u>		<u>85th Percentile</u>	<u>10 MPH Pace</u>	<u>% in Pace</u>
Bear Valley Parkway:				
200' N/o Suburban Hills Drive	(2022)	53.8 MPH	45-54	68.0%
	(2018)	55.0 MPH	46-55	74.0%
350' N/o Birch Avenue	(2022)	54.9 MPH	45-54	70.0%
	(2018)	54.0 MPH	45-54	77.0%
Speed Zone	(2022)	54.4 MPH	45-54	69.0%
	(2018)	54.5 MPH	46-55	75.5%

Collision Data

There have been 24 reported collisions, 13 of which involved an injury and 1 of which involved a fatality, along this segment of roadway in a 3-year period (2019-06-01 to 2022-05-31). These collisions result in a segment accident rate of 0.68 collisions per million vehicle miles. The statewide average is 1.23 collisions per million vehicle miles for similar suburban divided 4 lane roads with speeds less than or equal to 55 MPH.

VOLUME

Bear Valley Pkwy 200' N/O San Pasqual Valley Rd

Day: Wednesday
Date: 6/29/2022City: San Pasqual
Project #: CA22_040105_002

DAILY TOTALS					NB	SB	EB					WB	Total
					11,591	10,359						0	0
AM Period	NB	SB	EB	WB	TOTAL		PM Period	NB	SB	EB	WB	TOTAL	
0:00	26	18			44		12:00	167	105			272	
0:15	26	20			46		12:15	162	137			299	
0:30	24	16			40		12:30	169	145			314	
0:45	16	92	10	64	26	156	12:45	151	649	132	519	283	1168
1:00	12	15			27		13:00	175	131			306	
1:15	14	12			26		13:15	142	115			257	
1:30	16	10			26		13:30	185	122			307	
1:45	13	55	10	47	23	102	13:45	172	674	131	499	303	1173
2:00	11	12			23		14:00	183	125			308	
2:15	20	9			29		14:15	202	126			328	
2:30	11	13			24		14:30	197	124			321	
2:45	9	51	8	42	17	93	14:45	214	796	117	492	331	1288
3:00	3	17			20		15:00	232	108			340	
3:15	4	12			16		15:15	240	149			389	
3:30	6	22			28		15:30	243	136			379	
3:45	15	28	28	79	43	107	15:45	268	983	156	549	424	1532
4:00	12	38			50		16:00	257	139			396	
4:15	7	62			69		16:15	251	152			403	
4:30	5	58			63		16:30	297	145			442	
4:45	15	39	87	245	102	284	16:45	267	1072	154	590	421	1662
5:00	10	111			121		17:00	297	153			450	
5:15	17	142			159		17:15	255	171			426	
5:30	27	216			243		17:30	273	143			416	
5:45	35	89	192	661	227	750	17:45	234	1059	109	576	343	1635
6:00	55	224			279		18:00	260	127			387	
6:15	73	247			320		18:15	236	140			376	
6:30	75	255			330		18:30	204	119			323	
6:45	93	296	258	984	351	1280	18:45	222	922	116	502	338	1424
7:00	101	237			338		19:00	209	74			283	
7:15	93	278			371		19:15	217	110			327	
7:30	123	195			318		19:30	133	77			210	
7:45	142	459	182	892	324	1351	19:45	190	749	66	327	256	1076
8:00	133	220			353		20:00	165	81			246	
8:15	116	213			329		20:15	147	68			215	
8:30	107	177			284		20:30	147	66			213	
8:45	131	487	180	790	311	1277	20:45	138	597	56	271	194	868
9:00	114	151			265		21:00	165	66			231	
9:15	103	159			262		21:15	149	56			205	
9:30	128	176			304		21:30	102	69			171	
9:45	110	455	133	619	243	1074	21:45	112	528	55	246	167	774
10:00	120	123			243		22:00	109	59			168	
10:15	96	129			225		22:15	62	32			94	
10:30	109	156			265		22:30	69	38			107	
10:45	120	445	140	548	260	993	22:45	61	301	34	163	95	464
11:00	123	133			256		23:00	63	32			95	
11:15	125	126			251		23:15	49	27			76	
11:30	177	163			340		23:30	33	24			57	
11:45	160	585	129	551	289	1136	23:45	35	180	20	103	55	283
TOTALS	3081	5522			8603		TOTALS	8510	4837			13347	
SPLIT %	35.8%	64.2%			39.2%		SPLIT %	63.8%	36.2%			60.8%	

DAILY TOTALS					NB	SB						EB	WB	Total
					11,591	10,359						0	0	21,950
AM Peak Hour	11:30	6:30			6:30	PM Peak Hour	16:30	16:30			16:30			
AM Pk Volume	666	1028			1390	PM Pk Volume	1116	623			1739			
Pk Hr Factor	0.941	0.924			0.937	Pk Hr Factor	0.939	0.911			0.966			
7 - 9 Volume	946	1682	0	0	2628	4 - 6 Volume	2131	1166	0	0	3297			
7 - 9 Peak Hour	7:30	7:00			7:15	4 - 6 Peak Hour	16:30	16:30			16:30			
7 - 9 Pk Volume	514	892	0	0	1366	4 - 6 Pk Volume	1116	623	0	0	1739			
Pk Hr Factor	0.905	0.802	0.000	0.000	0.920	Pk Hr Factor	0.939	0.911	0.000	0.000	0.966			

VOLUME

Bear Valley Pkwy 200' S/O Boyle Ave

Day: Wednesday
Date: 6/29/2022City: San Pasqual
Project #: CA22_040105_001

DAILY TOTALS					NB	SB						EB	WB						Total
					9,547	11,062						0	0						20,609
AM Period	NB	SB	EB	WB	TOTAL		PM Period	NB	SB	EB	WB	TOTAL							TOTAL
0:00	23	18			41		12:00	158	108			266							266
0:15	25	20			45		12:15	137	171			308							308
0:30	18	15			33		12:30	133	182			315							315
0:45	13	79	9	62	22	141	12:45	124	552	141	602	265	1154						
1:00	11	14			25		13:00	124	154			278							278
1:15	9	12			21		13:15	121	129			250							250
1:30	14	9			23		13:30	145	139			284							284
1:45	9	43	9	44	18	87	13:45	133	523	140	562	273	1085						
2:00	11	13			24		14:00	135	138			273							273
2:15	14	11			25		14:15	150	126			276							276
2:30	8	13			21		14:30	173	145			318							318
2:45	7	40	7	44	14	84	14:45	177	635	125	534	302	1169						
3:00	3	16			19		15:00	177	111			288							288
3:15	3	11			14		15:15	185	169			354							354
3:30	8	24			32		15:30	199	156			355							355
3:45	13	27	26	77	39	104	15:45	205	766	163	599	368	1365						
4:00	11	33			44		16:00	223	162			385							385
4:15	8	55			63		16:15	228	171			399							399
4:30	9	59			68		16:30	242	187			429							429
4:45	12	40	82	229	94	269	16:45	175	868	166	686	341	1554						
5:00	9	104			113		17:00	250	154			404							404
5:15	22	126			148		17:15	204	175			379							379
5:30	25	194			219		17:30	221	165			386							386
5:45	30	86	163	587	193	673	17:45	229	904	143	637	372	1541						
6:00	49	220			269		18:00	203	150			353							353
6:15	58	245			303		18:15	177	141			318							318
6:30	81	237			318		18:30	161	129			290							290
6:45	86	274	249	951	335	1225	18:45	156	697	123	543	279	1240						
7:00	78	254			332		19:00	164	99			263							263
7:15	97	281			378		19:15	161	119			280							280
7:30	111	205			316		19:30	123	89			212							212
7:45	139	425	219	959	358	1384	19:45	145	593	68	375	213	968						
8:00	140	232			372		20:00	124	95			219							219
8:15	135	258			393		20:15	122	77			199							199
8:30	110	186			296		20:30	117	76			193							193
8:45	99	484	173	849	272	1333	20:45	133	496	73	321	206	817						
9:00	106	159			265		21:00	124	66			190							190
9:15	86	155			241		21:15	115	71			186							186
9:30	89	182			271		21:30	81	76			157							157
9:45	89	370	143	639	232	1009	21:45	89	409	63	276	152	685						
10:00	87	147			234		22:00	88	59			147							147
10:15	97	146			243		22:15	51	37			88							88
10:30	80	162			242		22:30	62	36			98							98
10:45	87	351	148	603	235	954	22:45	53	254	37	169	90	423						
11:00	118	140			258		23:00	52	33			85							85
11:15	100	123			223		23:15	35	31			66							66
11:30	132	172			304		23:30	31	34			65							65
11:45	133	483	158	593	291	1076	23:45	30	148	23	121	53	269						
TOTALS	2702	5637			8339		TOTALS	6845	5425			12270							
SPLIT %	32.4%	67.6%			40.5%		SPLIT %	55.8%	44.2%			59.5%							

DAILY TOTALS					NB	SB						EB	WB						Total
					9,547	11,062						0	0						20,609
AM Peak Hour	11:45	6:30			7:30		PM Peak Hour	17:00	16:00			15:45							
AM Pk Volume	561	1021			1439		PM Pk Volume	904	686			1581							
Pk Hr Factor	0.888	0.908			0.915		Pk Hr Factor	0.904	0.917			0.921							
7 - 9 Volume	909	1808	0	0	2717		4 - 6 Volume	1772	1323	0	0	3095							
7 - 9 Peak Hour	7:30	7:00			7:30		4 - 6 Peak Hour	17:00	16:00			16:15							
7 - 9 Pk Volume	525	959	0	0	1439		4 - 6 Pk Volume	904	686	0	0	1573							
Pk Hr Factor	0.938	0.853	0.000	0.000	0.915		Pk Hr Factor	0.904	0.917	0.000	0.000	0.917							



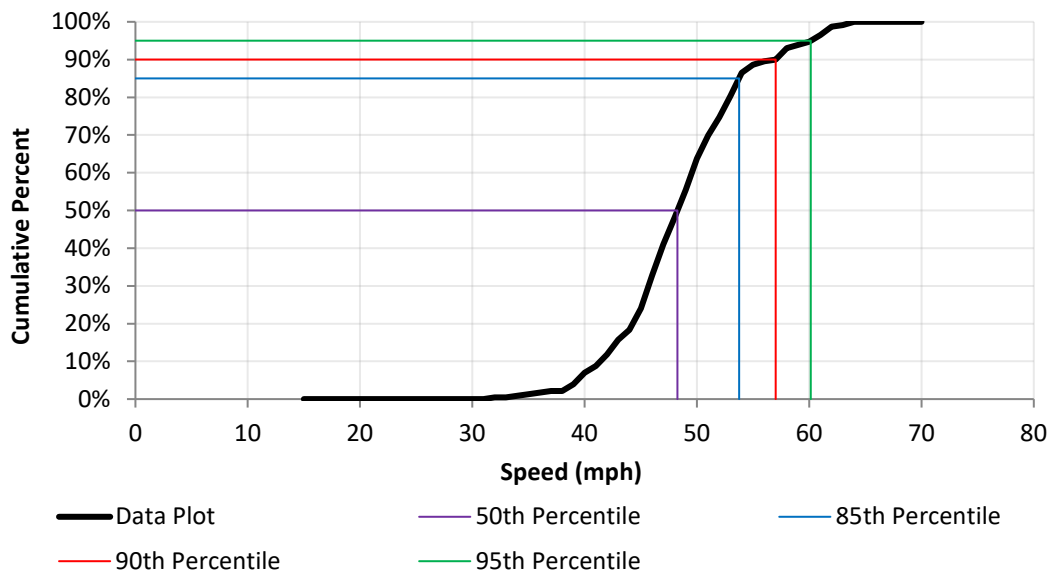
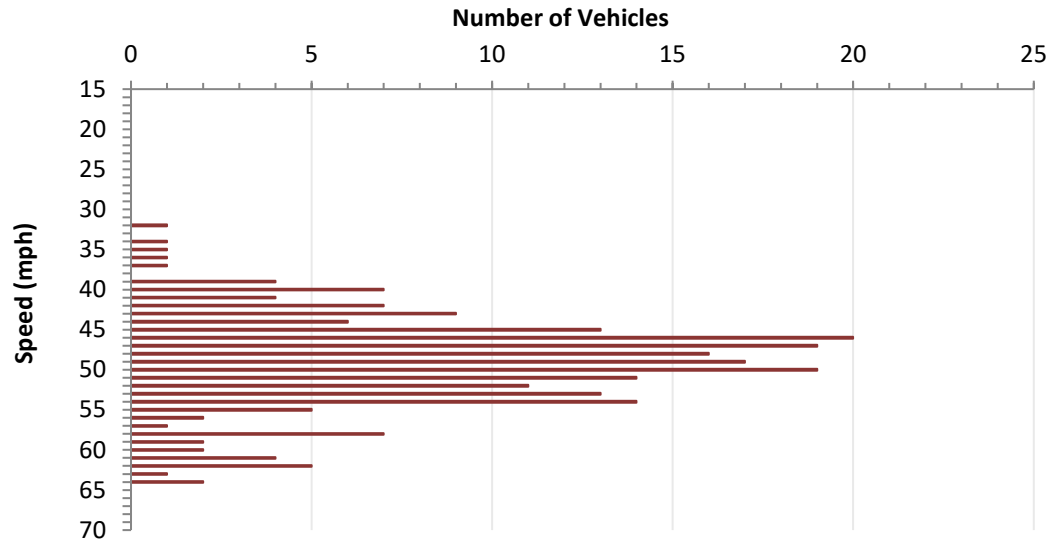
RADAR SPEED SURVEY

SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

Road Name:	Bear Valley Rd	From:	SR-78	To:	Boyle Av
Position:	Suburban Hills Dr	Direction:	EB/WB		

Date:	6/29/2022	Weather:	Clear	Project Number:	22-040106-002
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	1	0.4%
33		
34	1	0.9%
35	1	1.3%
36	1	1.7%
37	1	2.2%
38		
39	4	3.9%
40	7	7.0%
41	4	8.7%
42	7	11.8%
43	9	15.7%
44	6	18.3%
45	13	24.0%
46	20	32.8%
47	19	41.0%
48	16	48.0%
49	17	55.5%
50	19	63.8%
51	14	69.9%
52	11	74.7%
53	13	80.3%
54	14	86.5%
55	5	88.6%
56	2	89.5%
57	1	90.0%
58	7	93.0%
59	2	93.9%
60	2	94.8%
61	4	96.5%
62	5	98.7%
63	1	99.1%
64	2	100.0%
65		
66		
67		
68		
69		
70		
Total	229	



DATA ANALYSIS

Average Speed	49.0	Range	32 - 64
50th Percentile	48.3	10 mph Pace	45 - 54
85th Percentile	53.8	Number in Pace	156
90th Percentile	57.0	Percent in Pace	68%
95th Percentile	60.1		



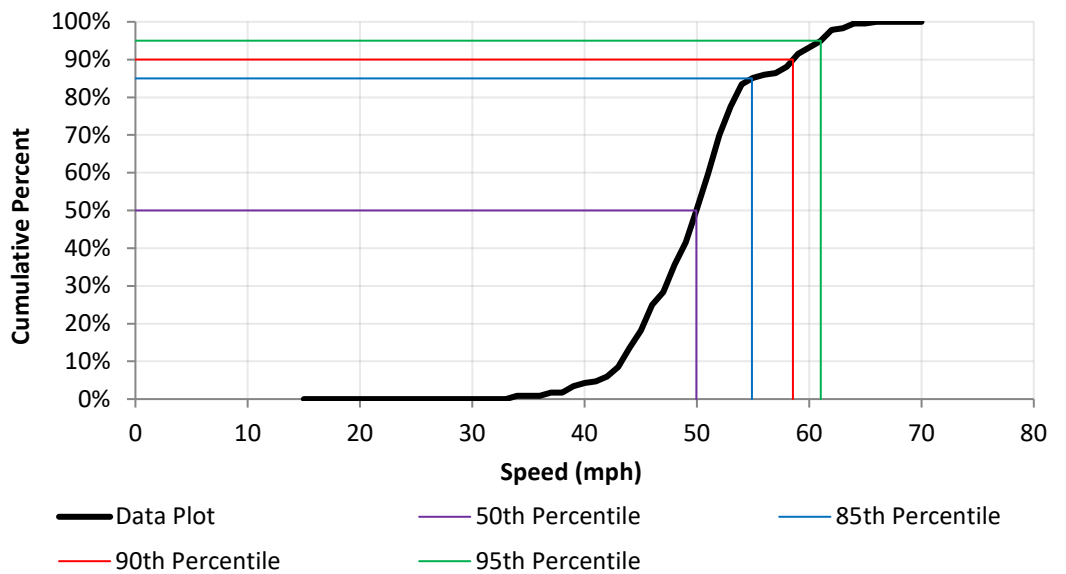
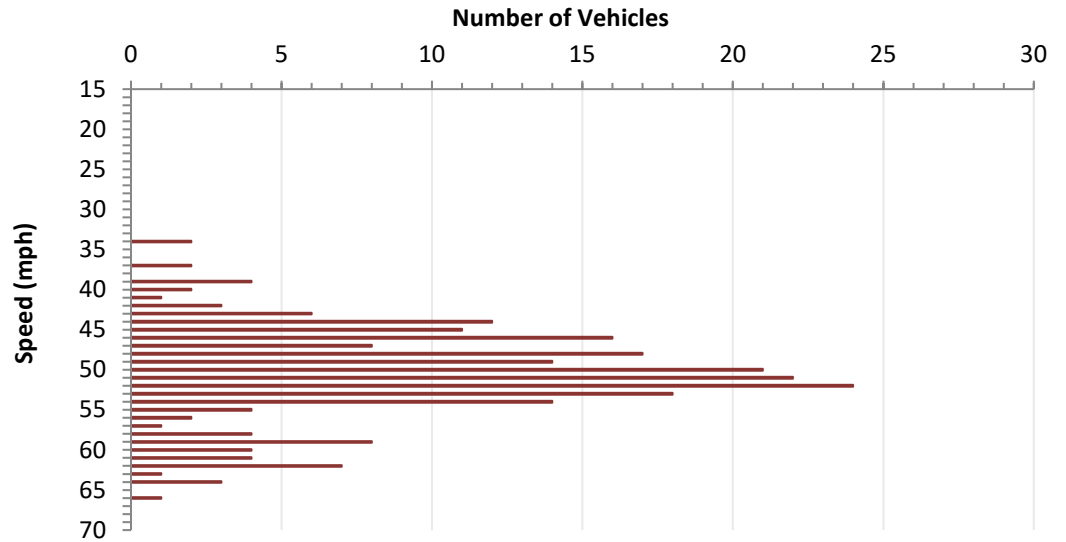
RADAR SPEED SURVEY

SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

Road Name:	Bear Valley Rd	From:	San Pasqual Valley Rd (SR-78)	To:	Boyle Av
Position:	350' N/o Birch Av	Direction:	EB/WB		

Date:	6/29/2022	Weather:	Clear	Project Number:	22-040106-001
Time Start:	11:05 AM	Road Condition:	Dry	Observer:	Contractor
Time End:	1:05 PM	Posted Speed:	40 MPH	Calibration Test:	Y

Speed (mph)	Num. Veh.	Cum. Pct.
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		
26		
27		
28		
29		
30		
31		
32		
33		
34	2	0.8%
35		
36		
37	2	1.7%
38		
39	4	3.4%
40	2	4.2%
41	1	4.7%
42	3	5.9%
43	6	8.5%
44	12	13.6%
45	11	18.2%
46	16	25.0%
47	8	28.4%
48	17	35.6%
49	14	41.5%
50	21	50.4%
51	22	59.7%
52	24	69.9%
53	18	77.5%
54	14	83.5%
55	4	85.2%
56	2	86.0%
57	1	86.4%
58	4	88.1%
59	8	91.5%
60	4	93.2%
61	4	94.9%
62	7	97.9%
63	1	98.3%
64	3	99.6%
65		
66	1	100.0%
67		
68		
69		
70		
Total	236	

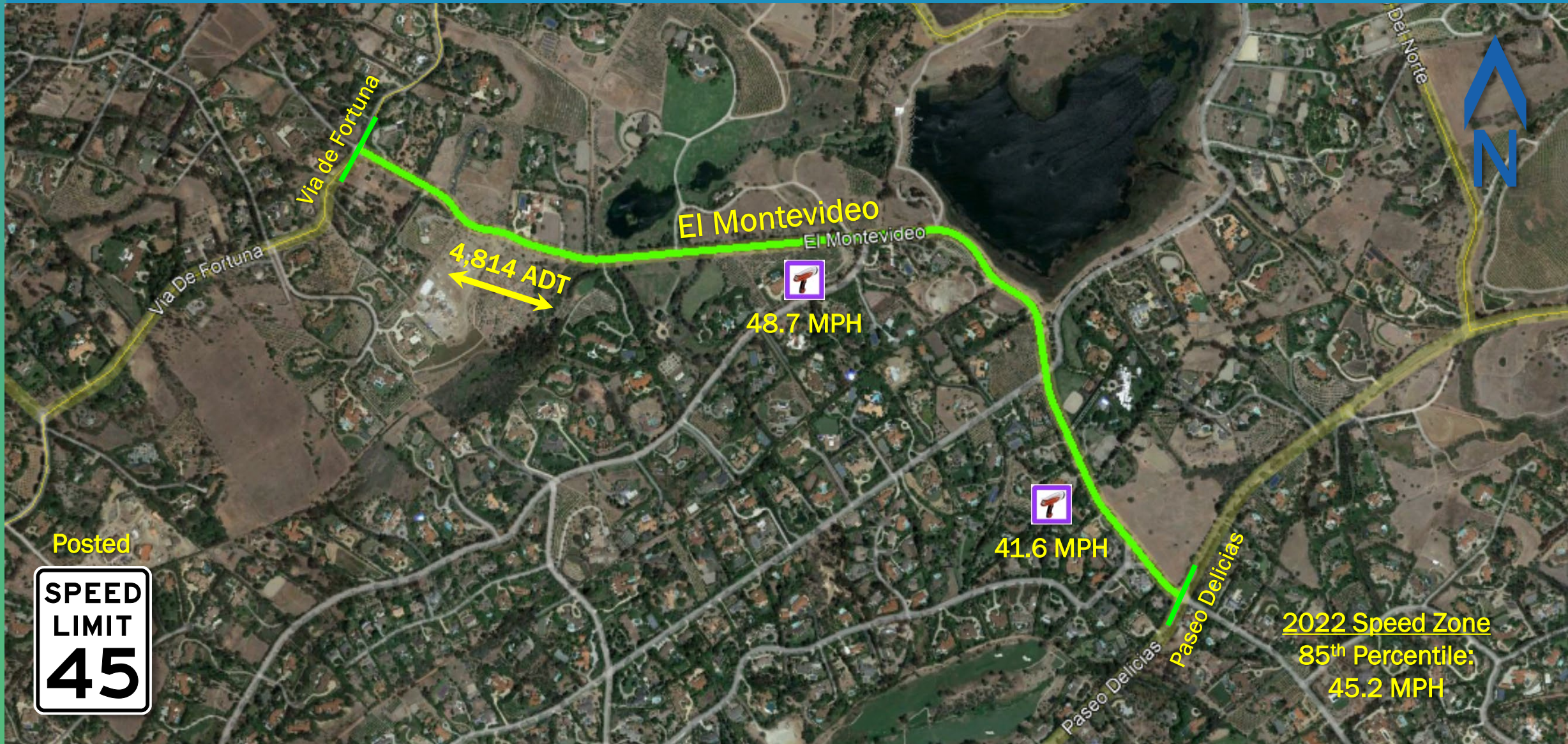


DATA ANALYSIS

Average Speed	50.4	Range	34 - 66
50th Percentile	50.0	10 mph Pace	45 - 54
85th Percentile	54.9	Number in Pace	165
90th Percentile	58.6	Percent in Pace	70%
95th Percentile	61.0		

El Montevideo

Paseo Delicias to Via de Fortuna (1.52 miles)



SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE

COMMITTEE REPORT OF: October 28, 2022

Item 3-A

SUPERVISORIAL DISTRICT: 3

SUBJECT: Radar Certification

LOCATION: El Montevideo from Paseo Delicias to Via de Fortuna
(a distance of 1.52 miles) RANCHO SAN DIEGUITO
(Thos. Bros. 1168-F2)

INITIATED BY: DPW Traffic Engineering

REQUEST: Radar Recertification

PROBLEM AS STATED BY REQUESTER:

El Montevideo from Paseo Delicias to Via de Fortuna 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

El Montevideo is a striped 2-lane undivided through highway with a pavement width from 24 to 32 feet. The roadway is striped with a no-passing center line and white edge lines. The road is posted with a curve advisory sign and several signal ahead signs. El Montevideo is unclassified on the County General Plan Mobility Element Network. The road is posted with a 45 MPH, radar enforced, speed limit.

Average Daily Traffic Volumes

El Montevideo:

200' E/o Via de Fortuna

10/22

4,814

07/15

4,840

Speed Data

El Montevideo:

630' W/o Mimulus East N

(2022) 41.6 MPH

(2015) 41.0 MPH

10 MPH
Pace

33-42

32-41

% in
Pace

77.0%

71.0%

700' W/o San Elijo

(2022) 48.7 MPH

(2015) 48.0 MPH

40-49

39-48

73.0%

62.0%

Speed Zone

(2022) 45.2 MPH

(2015) 44.5 MPH

37-46

36-45

75.0%

66.5%

Collision Data

There have been 5 reported collisions, 1 of which involved an injury, along this segment

of roadway in a 3-year period (2019-06-01 to 2022-05-31). These collisions result in a segment accident rate of 0.63 collisions per million vehicle miles. The statewide average is 1.32 collisions per million vehicle miles for similar suburban, conventional 2 lanes or less, roads with speeds from 45 to 55 MPH.

VOLUME

El Montevideo 200' E/O Via De Fortuna

Day: Thursday
Date: 10/6/2022

City: San Dieguito
Project #: CA22_040176_005

DAILY TOTALS					NB	SB	EBWB					Total	
					0	0						2,667	2,147
AM Period	NB	SB	EB	WB	TOTAL		PM Period	NB	SB	EB	WB	TOTAL	
00:00			1	0	1		12:00			29	35	64	
00:15			1	3	4		12:15			41	28	69	
00:30			1	2	3		12:30			30	43	73	
00:45			1	4	3	8	12:45			36	136	18	124
					4	12						54	260
01:00			1	0	1		13:00			40	24	64	
01:15			2	0	2		13:15			31	25	56	
01:30			1	0	1		13:30			36	22	58	
01:45			1	5	1	5	13:45			40	147	31	102
												71	249
02:00			1	0	1		14:00			60	38	98	
02:15			0	1	1		14:15			49	45	94	
02:30			1	0	1		14:30			54	54	108	
02:45			0	2	2	3	14:45			74	237	36	173
					2	5						110	410
03:00			0	0	0		15:00			73	45	118	
03:15			0	0	0		15:15			70	68	138	
03:30			2	0	2		15:30			60	54	114	
03:45			0	2	1	1	15:45			79	282	52	219
					1	3						131	501
04:00			0	1	1		16:00			75	48	123	
04:15			2	2	4		16:15			69	48	117	
04:30			3	1	4		16:30			78	49	127	
04:45			1	6	3	6	16:45			78	300	42	187
						12						120	487
05:00			3	6	9		17:00			72	49	121	
05:15			5	5	10		17:15			66	41	107	
05:30			11	11	22		17:30			48	37	85	
05:45			4	23	27	68	17:45			38	224	32	159
												70	383
06:00			13	19	32		18:00			38	34	72	
06:15			18	25	43		18:15			37	34	71	
06:30			43	33	76		18:30			32	19	51	
06:45			45	119	73	224	18:45			32	139	24	111
												56	250
07:00			50	22	72		19:00			18	13	31	
07:15			70	27	97		19:15			24	13	37	
07:30			58	43	101		19:30			23	14	37	
07:45			69	247	105	375	19:45			16	81	11	51
												27	132
08:00			48	57	105		20:00			10	12	22	
08:15			54	47	101		20:15			11	9	20	
08:30			55	44	99		20:30			9	5	14	
08:45			38	195	68	373	20:45			10	40	5	31
												15	71
09:00			51	28	79		21:00			6	11	17	
09:15			31	55	86		21:15			12	5	17	
09:30			37	42	79		21:30			6	10	16	
09:45			28	147	77	321	21:45			3	27	4	30
												7	57
10:00			35	34	69		22:00			9	9	18	
10:15			31	36	67		22:15			10	3	13	
10:30			42	32	74		22:30			6	5	11	
10:45			30	138	59	269	22:45			4	29	5	22
												9	51
11:00			32	41	73		23:00			2	3	5	
11:15			39	31	70		23:15			0	2	2	
11:30			34	41	75		23:30			1	2	3	
11:45			28	133	66	284	23:45			1	4	1	8
												2	12
TOTALS	1021				930	1951	TOTALS	1646				1217	2863
SPLIT %	52.3%				47.7%	40.5%	SPLIT %	57.5%				42.5%	59.5%

DAILY TOTALS					NB	SB	EB					WB	Total	
					0	0	2,667					2,147	4,814	
AM Peak Hour			07:00	07:45	07:30		PM Peak Hour			15:45	15:15	15:15		
AM Pk Volume			247	184	412		PM Pk Volume			301	222	506		
Pk Hr Factor			0.882	0.807	0.981		Pk Hr Factor			0.953	0.816	0.917		
7 - 9 Volume	0	0	442	306	748		4 - 6 Volume	0	0	524	346	870		
7 - 9 Peak Hour			07:00	07:45	07:30		4 - 6 Peak Hour			16:00	16:15	16:00		
7 - 9 Pk Volume	0	0	247	184	412		4 - 6 Pk Volume	0	0	300	188	487		
Pk Hr Factor	0.000	0.000	0.882	0.807	0.981		Pk Hr Factor	0.000	0.000	0.962	0.959	0.959		



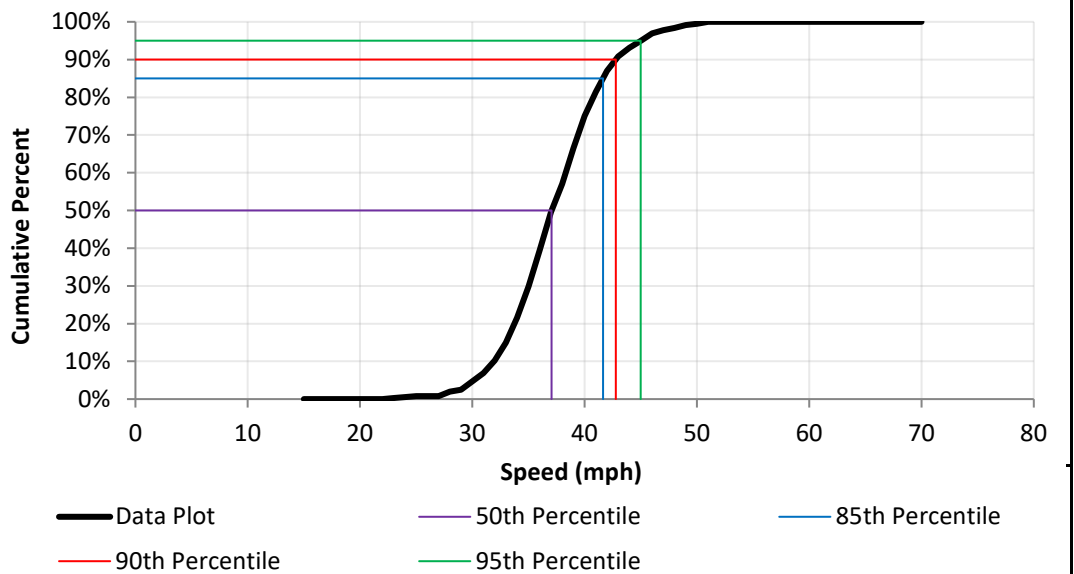
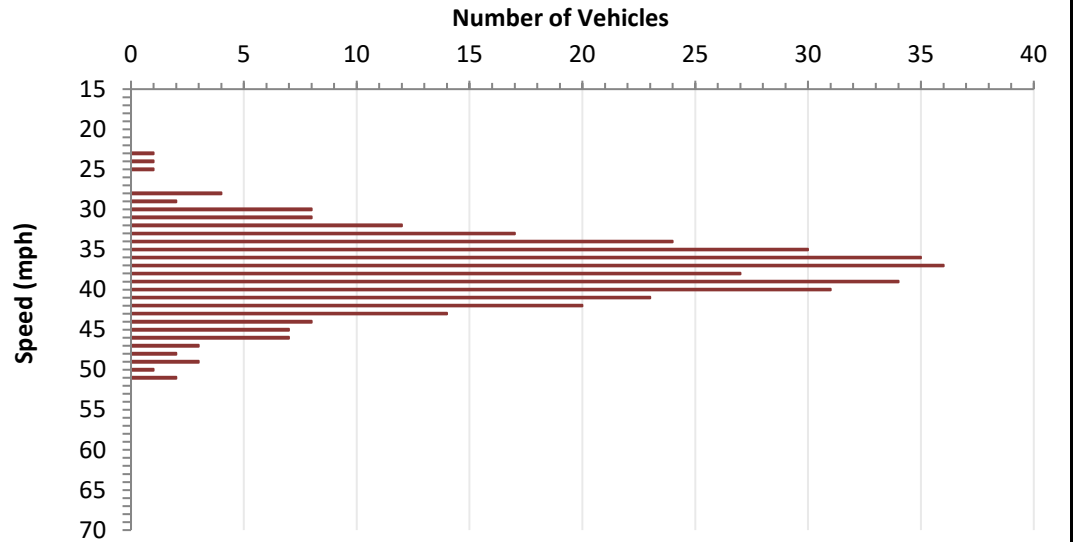
RADAR SPEED SURVEY

SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

Road Name:	El Montevideo	From:	Paseo Delicias	To:	Via de Fortuna
Position:	630' WO Mimulus N	Direction:	NB/SB		

Date:	9/28/2022	Weather:	Clear	Project Number:	22-040175-003
Time Start:	11:42 AM	Road Condition:	Dry	Observer:	Contractor
Time End:	1:42 PM	Posted Speed:	45 MPH	Calibration Test:	Y

Speed (mph)	Num. Veh.	Cum. Pct.
15		
16		
17		
18		
19		
20		
21		
22		
23	1	0.3%
24	1	0.6%
25	1	0.8%
26		
27		
28	4	1.9%
29	2	2.5%
30	8	4.7%
31	8	6.9%
32	12	10.2%
33	17	15.0%
34	24	21.6%
35	30	29.9%
36	35	39.6%
37	36	49.6%
38	27	57.1%
39	34	66.5%
40	31	75.1%
41	23	81.4%
42	20	87.0%
43	14	90.9%
44	8	93.1%
45	7	95.0%
46	7	97.0%
47	3	97.8%
48	2	98.3%
49	3	99.2%
50	1	99.4%
51	2	100.0%
52		
53		
54		
55		
56		
57		
58		
59		
60		
61		
62		
63		
64		
65		
66		
67		
68		
69		
70		
Total	361	



DATA ANALYSIS

Average Speed	37.8	Range	23 - 51
50th Percentile	37.1	10 mph Pace	33 - 42
85th Percentile	41.6	Number in Pace	277
90th Percentile	42.8	Percent in Pace	77%
95th Percentile	45.0		



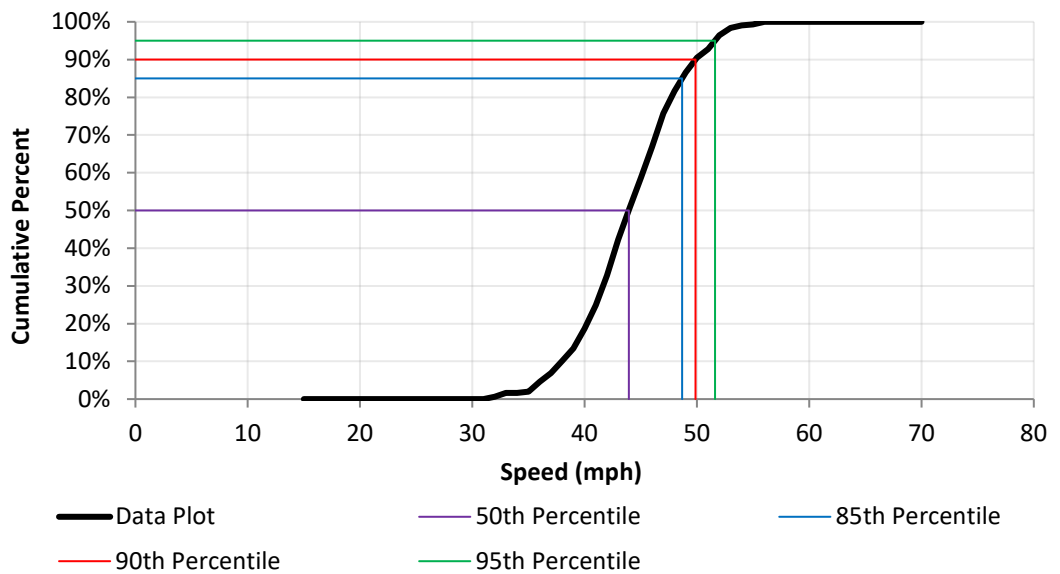
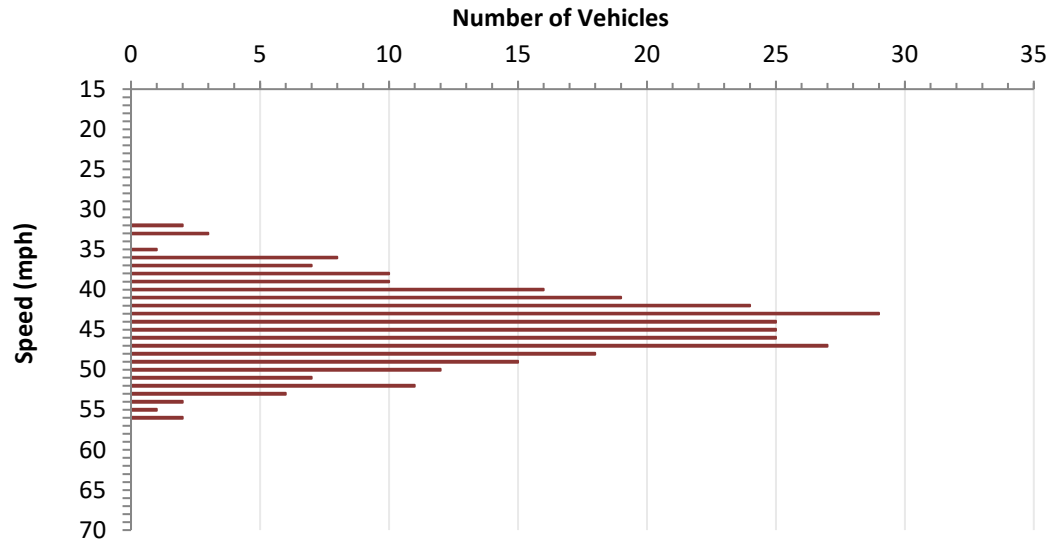
RADAR SPEED SURVEY

SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

Road Name:	El Montevideo	From:	Paseo Delicias	To:	Via de Fortuna
Position:	700' WO San Elijo Av	Direction:	NB/SB		

Date:	9/28/2022	Weather:	Clear	Project Number:	22-040175-004
Time Start:	9:00 AM	Road Condition:	Dry	Observer:	Contractor
Time End:	11:00 AM	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	2	0.7%
33	3	1.6%
34		
35	1	2.0%
36	8	4.6%
37	7	6.9%
38	10	10.2%
39	10	13.4%
40	16	18.7%
41	19	24.9%
42	24	32.8%
43	29	42.3%
44	25	50.5%
45	25	58.7%
46	25	66.9%
47	27	75.7%
48	18	81.6%
49	15	86.6%
50	12	90.5%
51	7	92.8%
52	11	96.4%
53	6	98.4%
54	2	99.0%
55	1	99.3%
56	2	100.0%
57		
58		
59		
60		
61		
62		
63		
64		
65		
66		
67		
68		
69		
70		
Total	305	



DATA ANALYSIS

Average Speed	44.4	Range	32 - 56
50th Percentile	43.9	10 mph Pace	40 - 49
85th Percentile	48.7	Number in Pace	223
90th Percentile	49.9	Percent in Pace	73%
95th Percentile	51.6		

Brabham Street

Fury Lane to SR-54 (Jamacha Rd) (0.62 miles)



SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE

COMMITTEE REPORT OF: October 28, 2022

Item 4-A

SUPERVISORIAL DISTRICT: 4

SUBJECT: Radar Certification

LOCATION: Brabham Street from Fury Lane to State Route 54 (Jamacha Road) (a distance of 0.62 miles) CALAVO GARDENS (Thos. Bros. 1271-I5)

INITIATED BY: DPW Traffic Engineering

REQUEST: Radar Recertification

PROBLEM AS STATED BY REQUESTER:

Brabham Street from Fury Lane to State Route 54 (Jamacha Road) is posted with a 35 MPH, radar enforced, 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 Brabham Street is a striped 2-lane divided road with a pavement width of 34 feet. The roadway is striped with a two-way left turn lane, parking lane, and intermittent acceleration lane and turn lanes. The road is posted with school zone signage and signal ahead signs. Brabham Street is unclassified on the County General Plan Mobility Element Network. The road is posted with a 35 MPH, radar enforced, speed limit.

Average Daily Traffic Volumes

Brabham Street:

700' W/o Avenida Apolinaria

03/22

5,558

01/16

5,580

Speed Data

Brabham Street:

500' W/o Avenida Apolinaria

**85th
Percentile**

(2022) 39.6 MPH
(2016) 39.0 MPH

**10 MPH
Pace**

30-39
31-40

**% in
Pace**

75.0%
89.0%

Collision Data

There have been 5 reported collisions, 2 of which involved an injury, along this segment of roadway in a 3-year period (2019-06-01 to 2022-05-31). These collisions result in a segment accident rate of 1.33 collisions per million vehicle miles. The statewide average is 1.60 collisions per million vehicle miles for similar suburban, conventional 2 lanes or less, roads with speeds less than 45 MPH.

VOLUME

Brabham St 700' W/O Avenida Apolinaria

Day: Tuesday
Date: 3/22/2022City: Rancho San Diego
Project #: CA22_040044_003

DAILY TOTALS					NB	SB	EB					WB	Total
					0	0						2,584	2,974
AM Period	NB	SB	EB	WB	TOTAL		PM Period	NB	SB	EB	WB	TOTAL	
00:00			6	3	9		12:00			36	35	71	
00:15			4	2	6		12:15			52	31	83	
00:30			2	2	4		12:30			31	31	62	
00:45			3	15	1	8	12:45			36	155	34	131
					4	23						70	286
01:00			0	3	3		13:00			34	34	68	
01:15			0	1	1		13:15			35	30	65	
01:30			1	4	5		13:30			41	29	70	
01:45			0	1	1	9	13:45			44	154	48	141
					1	10						92	295
02:00			0	0	0		14:00			52	71	123	
02:15			0	0	0		14:15			53	42	95	
02:30			0	1	1		14:30			44	34	78	
02:45			1	1	0	1	14:45			47	196	33	180
					1	2						80	376
03:00			2	1	3		15:00			71	48	119	
03:15			1	0	1		15:15			56	39	95	
03:30			0	1	1		15:30			82	147	229	
03:45			0	3	1	3	15:45			79	288	99	333
					1	6						178	621
04:00			0	3	3		16:00			50	55	105	
04:15			0	2	2		16:15			54	44	98	
04:30			0	7	7		16:30			53	59	112	
04:45			2	2	5	17	16:45			55	212	60	218
					7	19						115	430
05:00			0	6	6		17:00			67	52	119	
05:15			0	9	9		17:15			43	39	82	
05:30			4	7	11		17:30			39	44	83	
05:45			3	7	8	30	17:45			62	211	43	178
					11	37						105	389
06:00			3	24	27		18:00			37	28	65	
06:15			2	16	18		18:15			38	29	67	
06:30			6	24	30		18:30			34	43	77	
06:45			13	24	37	101	18:45			41	150	37	137
					50	125						78	287
07:00			12	39	51		19:00			32	30	62	
07:15			21	69	90		19:15			25	31	56	
07:30			29	74	103		19:30			31	21	52	
07:45			63	125	121	303	19:45			26	114	14	96
					184	428						40	210
08:00			60	95	155		20:00			35	20	55	
08:15			77	73	150		20:15			19	18	37	
08:30			125	95	220		20:30			18	17	35	
08:45			137	399	153	416	20:45			18	90	20	75
					290	815						38	165
09:00			45	81	126		21:00			24	17	41	
09:15			30	54	84		21:15			18	9	27	
09:30			20	34	54		21:30			16	7	23	
09:45			17	112	42	211	21:45			15	73	4	37
					59	323						19	110
10:00			19	36	55		22:00			8	9	17	
10:15			31	40	71		22:15			6	8	14	
10:30			27	45	72		22:30			7	6	13	
10:45			24	101	37	158	22:45			9	30	6	29
					61	259						15	59
11:00			33	34	67		23:00			2	3	5	
11:15			25	27	52		23:15			2	1	3	
11:30			26	40	66		23:30			4	2	6	
11:45			26	110	54	155	23:45			3	11	1	7
					80	265						4	18
TOTALS			900	1412	2312		TOTALS			1684	1562	3246	
SPLIT %			38.9%	61.1%	41.6%		SPLIT %			51.9%	48.1%	58.4%	

DAILY TOTALS					NB	SB						EB	WB	Total	
					0	0						2,584	2,974	5,558	
AM Peak Hour			08:00	08:00	08:00		PM Peak Hour			15:00	15:30	15:00			
AM Pk Volume			399	416	815		PM Pk Volume			288	345	621			
Pk Hr Factor			0.728	0.680	0.703		Pk Hr Factor			0.878	0.587	0.678			
7 - 9 Volume	0	0	524	719	1243		4 - 6 Volume	0	0	423	396	819			
7 - 9 Peak Hour			08:00	08:00	08:00		4 - 6 Peak Hour			16:15	16:00	16:15			
7 - 9 Pk Volume	0	0	399	416	815		4 - 6 Pk Volume	0	0	229	218	444			
Pk Hr Factor	0.000	0.000	0.728	0.680	0.703		Pk Hr Factor	0.000	0.000	0.854	0.908	0.933			



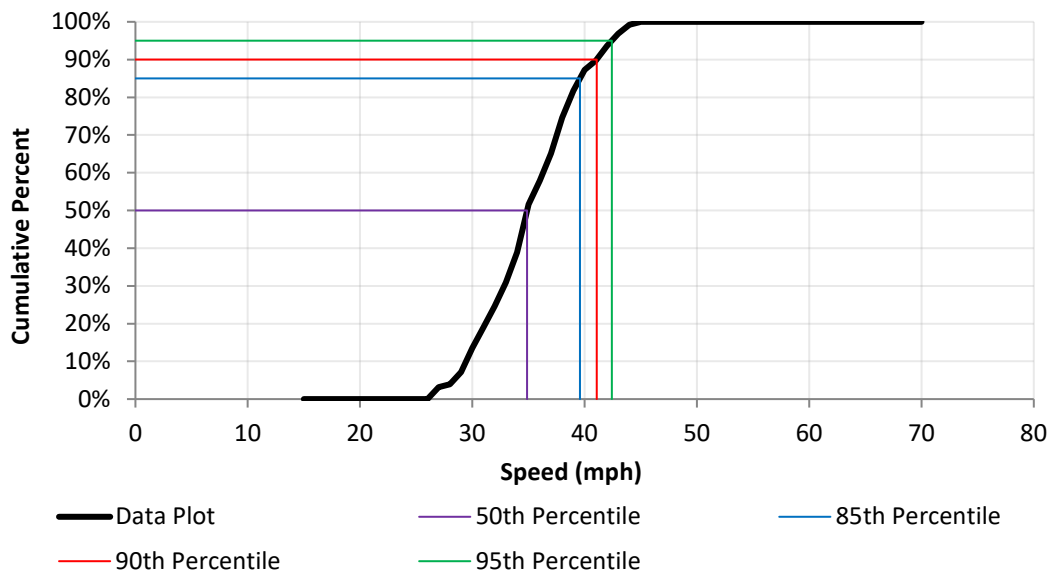
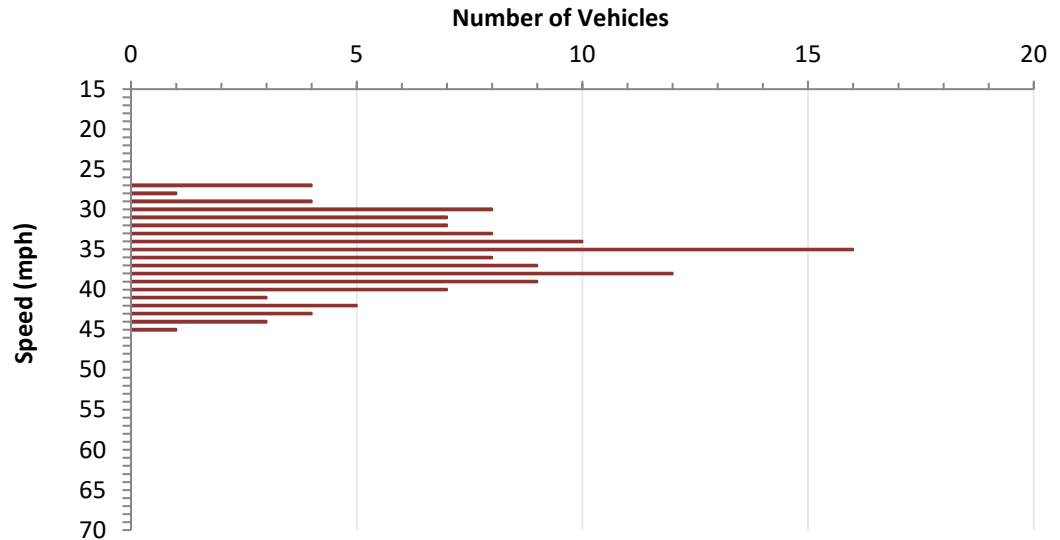
RADAR SPEED SURVEY

SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

Road Name:	Brabham St	From:	Fury Lane	To:	SR-54
Position:	500' W/o Avenida Apolinaria			Direction:	EB/WB

Date:	10/6/2022	Weather:	Clear	Project Number:	0
Time Start:	9:05 AM	Road Condition:	DRY	Observer:	County
Time End:	10:05 AM	Posted Speed:	35 MPH	Calibration Test:	0

Speed (mph)	Num. Veh.	Cum. Pct.
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		
26		
27	4	3.2%
28	1	4.0%
29	4	7.1%
30	8	13.5%
31	7	19.0%
32	7	24.6%
33	8	31.0%
34	10	38.9%
35	16	51.6%
36	8	57.9%
37	9	65.1%
38	12	74.6%
39	9	81.7%
40	7	87.3%
41	3	89.7%
42	5	93.7%
43	4	96.8%
44	3	99.2%
45	1	100.0%
46		
47		
48		
49		
50		
51		
52		
53		
54		
55		
56		
57		
58		
59		
60		
61		
62		
63		
64		
65		
66		
67		
68		
69		
70		
Total	126	

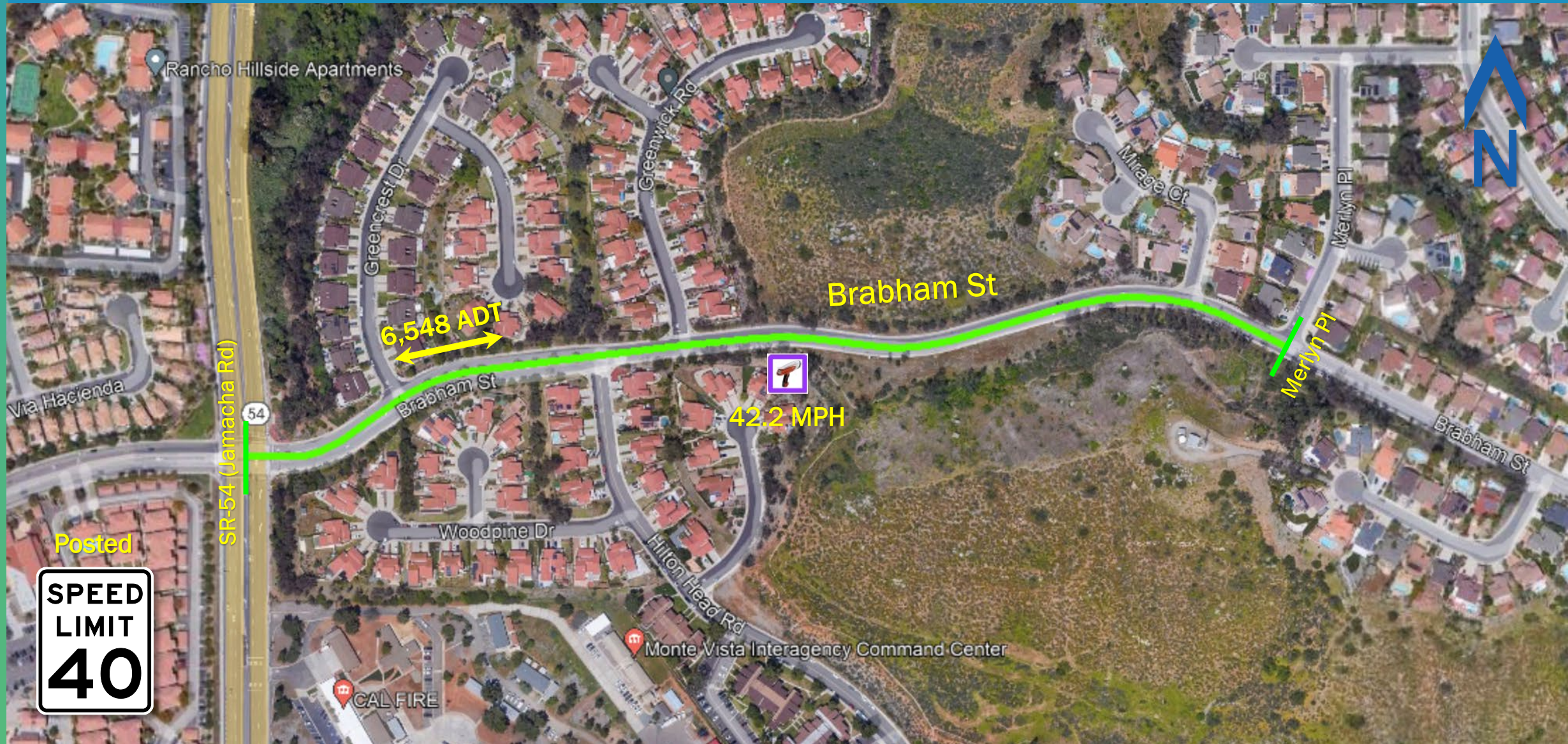


DATA ANALYSIS

Average Speed	35.6	Range	27 - 45
50th Percentile	34.9	10 mph Pace	30 - 39
85th Percentile	39.6	Number in Pace	94
90th Percentile	41.1	Percent in Pace	75%
95th Percentile	42.4		

Brabham Street

SR-54 (Jamacha Rd) to Merlyn Place (0.47 miles)



SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE

COMMITTEE REPORT OF: October 28, 2022

Item 4-B

SUPERVISORIAL DISTRICT: 4

SUBJECT: Radar Certification

LOCATION: Brabham Street from State Route 54 (Jamacha Road) to Merlyn Place (a distance of 0.48 miles) HILLSDALE (Thos. Bros. 1272-A4)

INITIATED BY: DPW Traffic Engineering

REQUEST: Radar Recertification

PROBLEM AS STATED BY REQUESTER:

Brabham Street from State Route 54 (Jamacha Road) is 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 Brabham Street is a striped 2-lane undivided through highway with a pavement width of 40 feet. The roadway is striped with a no passing centerline. There is a concrete median along the roadway from State Route 54 to Hilton Head Road. Brabham Street 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

Brabham Street:

150' W/o Hilton Head Road

10/22

6,548

04/15

5,950

Speed Data

Brabham Street:

150' E/o Greenwich Road

**85th
Percentile**

(2022) 42.2 MPH
(2015) 44.5 MPH

**10 MPH
Pace**

34-43
33-42

**% in
Pace**

68.0%
63.0%

Collision Data

There have been 5 reported collisions, 2 of which involved an injury, along this segment of roadway in a 3-year period (2019-06-01 to 2022-05-31). This collision results in a segment accident rate of 1.46 collisions per million vehicle miles. The statewide average is 1.60 collisions per million vehicle miles for similar suburban, conventional 2 lanes or less, roads with speeds less than 45 MPH.

VOLUME

Brabham St 250' W/O Hilton Head Rd

Day: Tuesday
Date: 3/22/2022City: Rancho San Diego
Project #: CA22_040044_002

DAILY TOTALS					NB	SB						EB	WB						Total
					0	0						3,509	3,039						6,548
AM Period	NB	SB	EB	WB	TOTAL		PM Period	NB	SB	EB	WB	TOTAL							TOTAL
00:00			13	4	17		12:00			75	37	112							
00:15			2	5	7		12:15			61	29	90							
00:30			3	3	6		12:30			65	40	105							
00:45			1	19	1	13	12:45			81	282	42	148	123	430				
01:00			1	2	3		13:00			76	47	123							
01:15			5	1	6		13:15			73	42	115							
01:30			2	3	5		13:30			38	52	90							
01:45			2	10	3	9	13:45			40	227	45	186	85	413				
02:00			1	0	1		14:00			75	51	126							
02:15			1	1	2		14:15			57	118	175							
02:30			0	0	0		14:30			66	74	140							
02:45			1	3	0	1	14:45			62	260	62	305	124	565				
03:00			3	0	3		15:00			53	93	146							
03:15			0	3	3		15:15			61	67	128							
03:30			1	1	2		15:30			89	56	145							
03:45			2	6	3	7	15:45			91	294	45	261	136	555				
04:00			2	4	6		16:00			75	52	127							
04:15			3	2	5		16:15			50	47	97							
04:30			1	4	5		16:30			59	49	108							
04:45			2	8	8	18	16:45			46	230	58	206	104	436				
05:00			1	9	10		17:00			71	45	116							
05:15			4	10	14		17:15			63	47	110							
05:30			2	16	18		17:30			67	56	123							
05:45			6	13	17	52	17:45			67	268	48	196	115	464				
06:00			5	25	30		18:00			76	42	118							
06:15			6	17	23		18:15			65	29	94							
06:30			6	42	48		18:30			43	40	83							
06:45			7	24	33	117	18:45			45	229	29	140	74	369				
07:00			21	41	62		19:00			65	36	101							
07:15			19	59	78		19:15			63	35	98							
07:30			18	76	94		19:30			52	20	72							
07:45			34	92	88	264	19:45			47	227	20	111	67	338				
08:00			37	80	117		20:00			37	28	65							
08:15			49	79	128		20:15			50	26	76							
08:30			54	92	146		20:30			39	23	62							
08:45			66	206	81	332	20:45			20	146	21	98	41	244				
09:00			38	56	94		21:00			35	23	58							
09:15			31	43	74		21:15			30	21	51							
09:30			30	37	67		21:30			28	16	44							
09:45			52	151	30	166	21:45			35	128	9	69	44	197				
10:00			86	32	118		22:00			21	14	35							
10:15			75	28	103		22:15			8	5	13							
10:30			73	34	107		22:30			11	8	19							
10:45			66	300	37	131	22:45			11	51	5	32	16	83				
11:00			78	38	116		23:00			12	8	20							
11:15			69	48	117		23:15			9	4	13							
11:30			77	42	119		23:30			7	1	8							
11:45			76	300	33	161	23:45			7	35	3	16	10	51				
TOTALS			1132	1271	2403		TOTALS			2377	1768	4145							
SPLIT %			47.1%	52.9%	36.7%		SPLIT %			57.3%	42.7%	63.3%							

DAILY TOTALS					NB	SB						EB	WB						Total
					0	0						3,509	3,039						6,548
AM Peak Hour			10:00	07:45	08:00		PM Peak Hour			15:15	14:15	14:15							
AM Pk Volume			300	339	538		PM Pk Volume			316	347	585							
Pk Hr Factor			0.872	0.921	0.915		Pk Hr Factor			0.868	0.735	0.836							
7 - 9 Volume	0	0	298	596	894		4 - 6 Volume	0	0	498	402	900							
7 - 9 Peak Hour			08:00	07:45	08:00		4 - 6 Peak Hour			17:00	16:00	17:00							
7 - 9 Pk Volume	0	0	206	339	538		4 - 6 Pk Volume	0	0	268	206	464							
Pk Hr Factor	0.000	0.000	0.780	0.921	0.915		Pk Hr Factor	0.000	0.000	0.944	0.888	0.943							



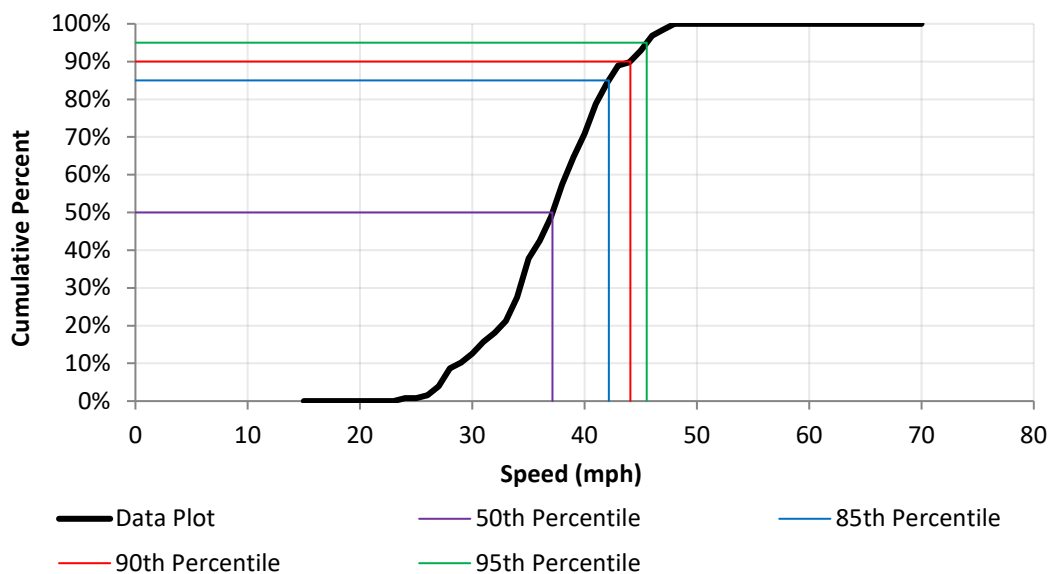
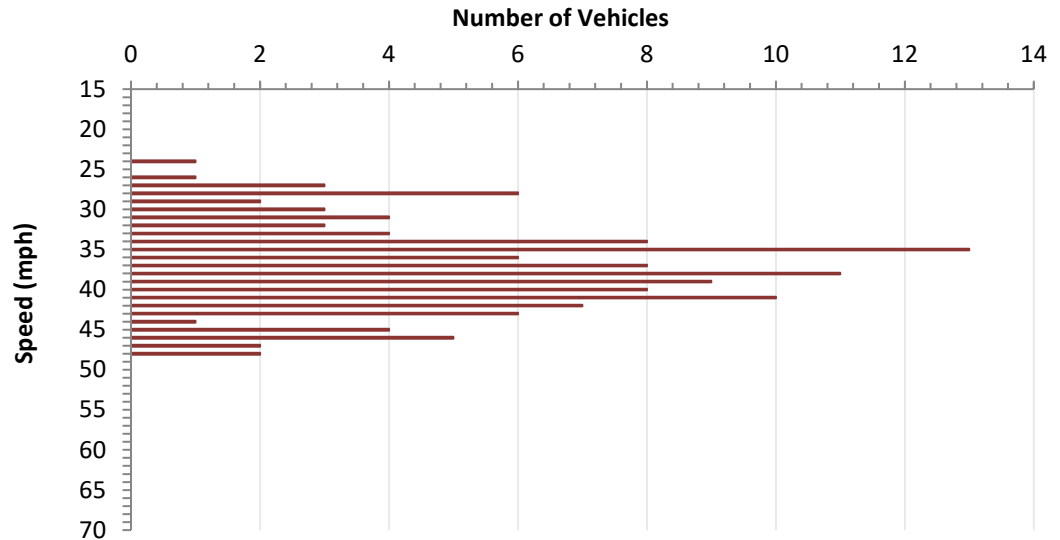
RADAR SPEED SURVEY

SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

Road Name:	Brabham St	From:	SR-54	To:	Merlyn Pl
Position:	100' E/o Greenwich Rd	Direction:	EB/WB		

Date:	10/4/2022	Weather:	Clear	Project Number:	0
Time Start:	9:30 AM	Road Condition:	DRY	Observer:	County
Time End:	10:40 AM	Posted Speed:	40 MPH	Calibration Test:	0

Speed (mph)	Num. Veh.	Cum. Pct.
15		
16		
17		
18		
19		
20		
21		
22		
23		
24	1	0.8%
25		
26	1	1.6%
27	3	3.9%
28	6	8.7%
29	2	10.2%
30	3	12.6%
31	4	15.7%
32	3	18.1%
33	4	21.3%
34	8	27.6%
35	13	37.8%
36	6	42.5%
37	8	48.8%
38	11	57.5%
39	9	64.6%
40	8	70.9%
41	10	78.7%
42	7	84.3%
43	6	89.0%
44	1	89.8%
45	4	92.9%
46	5	96.9%
47	2	98.4%
48	2	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	127	



DATA ANALYSIS

Average Speed	37.3	Range	24 - 48
50th Percentile	37.1	10 mph Pace	34 - 43
85th Percentile	42.2	Number in Pace	86
90th Percentile	44.1	Percent in Pace	68%
95th Percentile	45.5		

Mt Helix Drive & Vivera Drive

4-C. Intersection Controls



SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE

COMMITTEE REPORT OF: October 28, 2022 **Item 4-C**

SUPERVISORIAL DISTRICT: 4

SUBJECT: Intersection Control

LOCATION: Mount Helix Drive & Vivera Drive, GROSSMONT (Thos. Bros. 1271-D2)

INITIATED BY: DPW Traffic Engineering

REQUEST: All-Way Stop Control

PROBLEM AS STATED BY REQUESTER:

The intersection of Mt Helix Drive & Vivera Drive has been identified by Traffic Engineering as meeting Option A, an intersection where there is a need to control left-turn conflicts, Option B, an intersection where there is a need to control vehicle/pedestrian conflicts near locations that generate high pedestrian volumes, and Option D, an intersection of two residential neighborhood collector (through) streets of similar design and operating characteristics where multi-way stop control would improve traffic operational characteristics of the intersection of the Multi-Way Stop Application optional criteria as described in the California Manual on Uniform Traffic Control Devices (CA MUTCD), Section 2B.07, therefore an all-way stop control should be considered.

Existing Traffic Devices

Mount Helix Drive is a one and two-lane striped undivided road with pavement width between 22 to 34 feet. The road is striped with a no passing centerline and white edgeline north of the intersection with Vivera Drive and is striped with a left yellow edge line and right white edge line both south and west of the intersection. The roadway is uncontrolled at the intersection with Vivera Drive. Mount Helix Drive is unclassified on the County General Plan Mobility Element Network. The road is posted with a 20 MPH speed limit, radar enforced, south and west of the intersection.

Vivera Drive is a striped two-lane undivided road with a 28-foot pavement width. The roadway is striped with a no passing centerline. The roadway is stop controlled at the intersection with Mount Helix Drive. Vivera Drive is unclassified on the County General Plan Mobility Element Network. The road has no posted speed limit.

Average Daily Traffic Volumes

02/22

Mt Helix Drive:

S/o Vivera Drive	491 NB
N/o Vivera Drive	479 SB

Vivera Drive:

E/o Mt Helix Drive	236 WB
--------------------	--------

Collision Data

There have been 4 reported collisions, at this intersection, within a past 5-year period (2017-06-01 to 2022-05-31). These collisions result in an intersection accident rate of 1.82 collisions per million vehicles entering. The statewide average is 0.17 collisions per million vehicles entering for similar suburban intersections with some existing stop controls.



County of San Diego

DEREK R. GADE
INTERIM DIRECTOR

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

TRAFFIC ENGINEERING RECOMMENDATION

Date: October 14, 2022 

Item Title: All-Way Stop Controls

Location: Mount Helix Drive and Vivera Drive

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

Conditions:

- Section 21354 "Stop Signs on Local Highways" of the California Vehicle Code (CVC) authorizes local agencies to designate any intersection under its exclusive jurisdiction as a stop intersection.
- Section 2B.07 "Multi-Way Stop Applications" of the California MUTCD, provides four optional criteria that may be considered in an engineering study when evaluating an intersection for an all-way stop control.
- Section 2B.07 - Option A, an all-way stop control may be considered to control left-turn conflicts. Left turning traffic from southbound Mount Helix Drive to Vivera Drive conflict with left turning traffic from northbound Mount Helix Drive to westbound Mount Helix Drive.
- Section 2B.07 - Option B, an all-way stop control may be considered to control vehicle/pedestrian conflicts near locations that generate high pedestrian volumes, such as parks. The subject intersection of Mount Helix Drive and Vivera Drive is located nearby Mount Helix Park, with a parking area just east of the intersection on Vivera Drive.
- During the period of June 1, 2017, to May 31, 2022, there were 4 collisions in the intersection, 2 of which could be corrected by all-way stop control. These collisions resulted in an intersection accident rate of 1.82 vs the statewide average for similar intersections of 0.17 collision per million vehicles entering.

- Section 2B.07 - Option D, intersection of two Residential Collectors, indicates all-way stop controls may be considered at an intersection of two residential collectors of similar design and the all-way stop control would enhance the traffic operations of said intersection. Both Mount Helix Drive and Vivera Drive are considered Residential Collectors with similar traffic operation.
- Pursuant to CVC section 21354 coupled with traffic conditions noted above, it is the County Traffic Engineering Section's recommendation that an all-way stop control is appropriate and safe for the intersection of Mount Helix Drive and Vivera Drive.

VOLUME

Mt Helix Dr & Vivera Dr

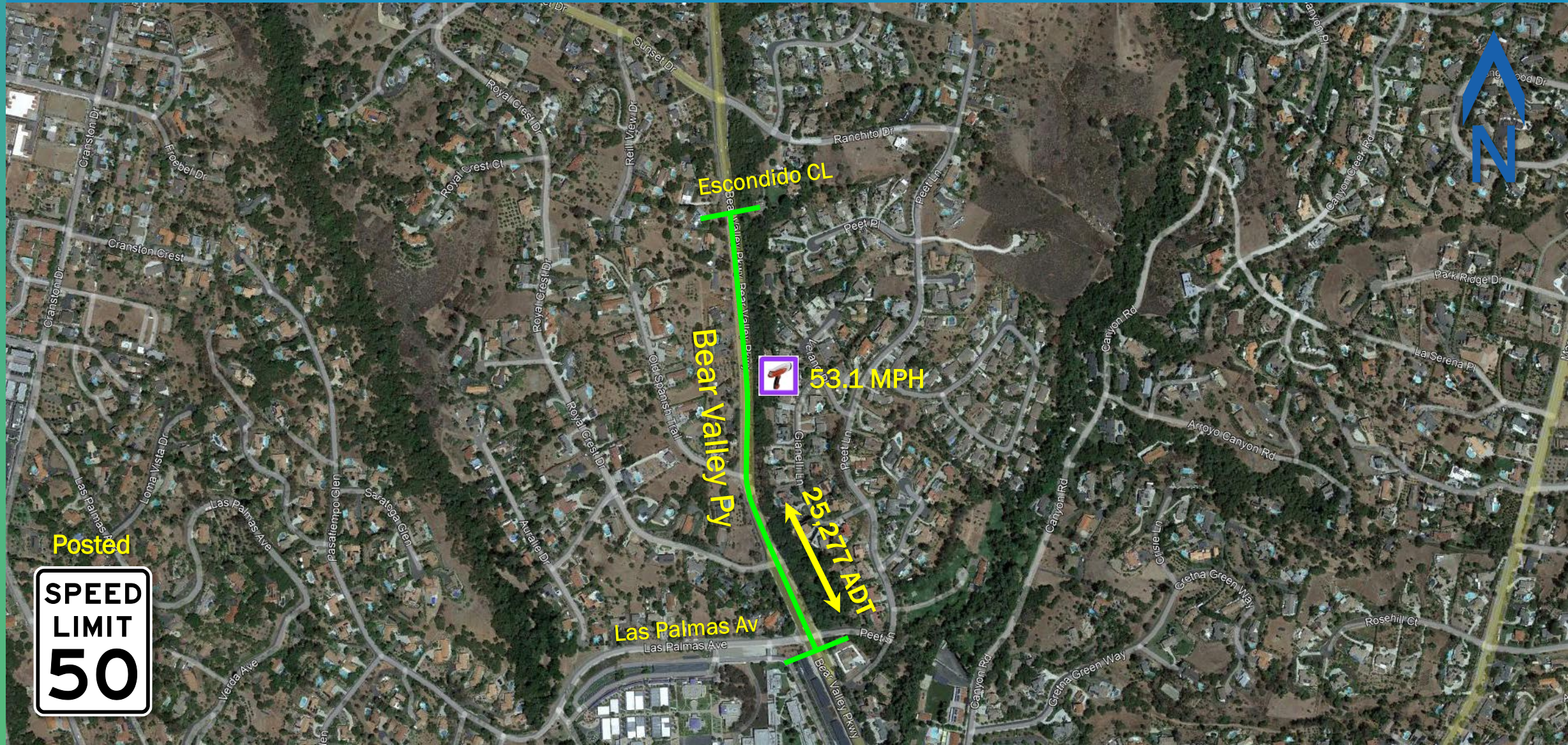
Day: Tuesday
Date: 2/15/2022City: Casa De Oro
Project #: CA22_040022_007

DAILY TOTALS					NB	SB						EB	WB						Total
					491	479						0	236						1,206
AM Period	NB	SB	EB	WB	TOTAL		PM Period	NB	SB	EB	WB	TOTAL							TOTAL
00:00	2	1		0	3		12:00	8	3		4	15							
00:15	2	0		1	3		12:15	6	6		2	14							
00:30	0	1		0	1		12:30	10	8		3	21							
00:45	0	4	1	3	1	2	12:45	7	31	10	27	18	68						
01:00	0	0		0	0		13:00	10	7		9	26							
01:15	0	1		1	2		13:15	9	12		0	21							
01:30	1	1		0	2		13:30	6	5		2	13							
01:45	0	1	3	5	2	3	13:45	15	40	6	30	26	86						
02:00	2	0		1	3		14:00	7	14		7	28							
02:15	0	0		0	0		14:15	5	12		2	19							
02:30	0	0		0	0		14:30	12	12		3	27							
02:45	0	2	1	1	0	1	14:45	12	36	10	48	32	106						
03:00	2	2		0	4		15:00	12	5		2	19							
03:15	0	1		1	2		15:15	9	12		4	25							
03:30	1	1		0	2		15:30	9	12		3	24							
03:45	1	4	1	5	0	1	15:45	10	40	12	41	25	93						
04:00	1	0		0	1		16:00	9	6		9	24							
04:15	1	1		1	3		16:15	10	14		7	31							
04:30	2	0		0	2		16:30	13	8		10	31							
04:45	0	4	0	1	0	1	16:45	8	40	12	40	29	115						
05:00	0	0		0	0		17:00	11	10		2	23							
05:15	0	3		0	3		17:15	12	13		4	29							
05:30	0	0		0	0		17:30	11	9		2	22							
05:45	0	1	4	0	1	4	17:45	8	42	6	38	18	92						
06:00	2	2		4	8		18:00	11	13		3	27							
06:15	3	0		2	5		18:15	8	4		1	13							
06:30	2	6		2	10		18:30	3	9		2	14							
06:45	8	15	7	15	4	12	18:45	7	29	9	35	21	75						
07:00	6	4		2	12		19:00	7	5		0	12							
07:15	8	3		3	14		19:15	4	2		3	9							
07:30	6	4		5	15		19:30	4	6		3	13							
07:45	9	29	7	18	4	14	19:45	2	17	2	15	5	39						
08:00	7	6		5	18		20:00	3	9		0	12							
08:15	2	4		3	9		20:15	3	2		1	6							
08:30	5	7		5	17		20:30	1	7		0	8							
08:45	16	30	5	22	6	19	20:45	5	12	2	20	9	35						
09:00	8	3		4	15		21:00	1	3		2	6							
09:15	4	6		3	13		21:15	3	7		1	11							
09:30	5	4		0	9		21:30	8	5		1	14							
09:45	5	22	7	20	1	8	21:45	1	13	1	16	4	35						
10:00	8	10		2	20		22:00	3	4		1	8							
10:15	9	6		9	24		22:15	2	3		0	5							
10:30	10	12		3	25		22:30	2	2		2	6							
10:45	9	36	10	38	4	18	22:45	0	7	1	10	2	21						
11:00	5	3		5	13		23:00	0	0		0	0							
11:15	8	9		3	20		23:15	2	2		2	6							
11:30	10	2		2	14		23:30	1	1		1	3							
11:45	10	33	9	23	6	16	23:45	1	4	1	4	2	11						
TOTALS	180	155		95	430		TOTALS	311	324		141	776							
SPLIT %	41.9%	36.0%		22.1%	35.7%		SPLIT %	40.1%	41.8%		18.2%	64.3%							

DAILY TOTALS					NB	SB						EB	WB						Total
					491	479						0	236						1,206
AM Peak Hour	10:00	10:00		10:15	10:00		PM Peak Hour	14:30	14:00		16:00	16:00							
AM Pk Volume	36	38		21	92		PM Pk Volume	45	48		35	115							
Pk Hr Factor	0.900	0.792		0.583	0.920		Pk Hr Factor	0.938	0.857		0.875	0.927							
7 - 9 Volume	59	40	0	33	132		4 - 6 Volume	82	78	0	47	207							
7 - 9 Peak Hour	07:15	07:45		08:00	08:00		4 - 6 Peak Hour	16:30	16:15		16:00	16:00							
7 - 9 Pk Volume	30	24	0	19	71		4 - 6 Pk Volume	44	44	0	35	115							
Pk Hr Factor	0.833	0.857	0.000	0.792	0.657		Pk Hr Factor	0.846	0.786	0.000	0.875	0.927							

Bear Valley Parkway

Las Palmas Avenue to Escondido City Limit (0.42 miles)



SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE

COMMITTEE REPORT OF: September 9, 2022

Item 5-A

SUPERVISORIAL DISTRICT: 5

SUBJECT: Radar Certification

LOCATION: Bear Valley Parkway from Escondido city limit (near Las Palmas Avenue) to Escondido city limit (south of Sunset Drive) (a distance of 0.42 miles)
SAN PASQUAL (Thos. Bros. 1130-C7)

INITIATED BY: DPW Traffic Engineering

REQUEST: Radar Recertification

PROBLEM AS STATED BY REQUESTER:

Bear Valley Parkway from Escondido city limit (near Las Palmas Avenue) to Escondido city limit (south of Sunset Drive) has a posted speed limit of 50 MPH. 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 Bear Valley Parkway is a striped 2-lane undivided through highway with a pavement between 40 and 84 feet wide. The roadway is striped with a no passing center line and bike lanes. The road is posted with has signal ahead advisory signs, and school zone advisory signage. Bear Valley Parkway is classified as a Major Road on the County General Plan Mobility Element Network. The roadway has a 50 MPH posted speed limit.

Average Daily Traffic Volumes

06/22

Bear Valley Parkway:

200' N/o Las Palmas Avenue

25,277

Speed Data

**85th
Percentile**

**10 MPH
Pace**

**% in
Pace**

Bear Valley Parkway:

500' N/o Old Spanish Trail

(2022) 53.1 MPH

45-54

63.0%

Collision Data

There have been 6 reported collisions, all of which involved an injury, along this segment of roadway in a 3-year period (2019-06-01 to 2022-05-31). These collisions result in a segment accident rate of 0.52 collisions per million vehicle miles. The statewide average is 1.32 collisions per million vehicle miles for similar suburban, 2 lanes or less, roads with speeds of 45 to 55 MPH.

VOLUME

Bear Valley Pkwy 200' N/O Las Palmas Ave

Day: Wednesday
Date: 6/29/2022City: San Pasqual
Project #: CA22_040105_004

DAILY TOTALS					NB	SB						EB	WB	Total
					12,475	12,802						0	0	25,277
AM Period	NB	SB	EB	WB	TOTAL	PM Period	NB	SB	EB	WB	TOTAL			
0:00	26	10			36	12:00	167	152			319			
0:15	23	25			48	12:15	198	144			342			
0:30	23	18			41	12:30	158	183			341			
0:45	25	97	7	60	32 157	12:45	157	680	163	642	320 1322			
1:00	10	15			25	13:00	184	140			324			
1:15	16	9			25	13:15	156	160			316			
1:30	14	14			28	13:30	168	150			318			
1:45	11	51	9	47	20 98	13:45	173	681	163	613	336 1294			
2:00	12	11			23	14:00	191	145			336			
2:15	15	8			23	14:15	230	141			371			
2:30	14	11			25	14:30	187	175			362			
2:45	6	47	10	40	16 87	14:45	216	824	154	615	370 1439			
3:00	7	15			22	15:00	236	161			397			
3:15	3	13			16	15:15	273	152			425			
3:30	6	24			30	15:30	269	206			475			
3:45	14	30	22	74	36 104	15:45	256	1034	172	691	428 1725			
4:00	12	35			47	16:00	295	172			467			
4:15	7	53			60	16:15	285	170			455			
4:30	7	64			71	16:30	265	162			427			
4:45	13	39	84	236	97 275	16:45	305	1150	242	746	547 1896			
5:00	14	112			126	17:00	298	184			482			
5:15	15	155			170	17:15	311	200			511			
5:30	32	215			247	17:30	261	201			462			
5:45	38	99	239	721	277 820	17:45	282	1152	178	763	460 1915			
6:00	70	232			302	18:00	311	165			476			
6:15	78	262			340	18:15	218	169			387			
6:30	77	317			394	18:30	241	170			411			
6:45	106	331	311	1122	417 1453	18:45	227	997	166	670	393 1667			
7:00	84	260			344	19:00	232	127			359			
7:15	100	337			437	19:15	233	132			365			
7:30	124	316			440	19:30	218	113			331			
7:45	153	461	258	1171	411 1632	19:45	179	862	115	487	294 1349			
8:00	125	259			384	20:00	236	124			360			
8:15	110	216			326	20:15	172	111			283			
8:30	121	263			384	20:30	192	116			308			
8:45	130	486	203	941	333 1427	20:45	165	765	80	431	245 1196			
9:00	133	200			333	21:00	188	73			261			
9:15	131	191			322	21:15	158	71			229			
9:30	118	183			301	21:30	102	70			172			
9:45	107	489	168	742	275 1231	21:45	115	563	72	286	187 849			
10:00	127	153			280	22:00	113	67			180			
10:15	108	162			270	22:15	77	45			122			
10:30	144	187			331	22:30	86	48			134			
10:45	129	508	164	666	293 1174	22:45	70	346	42	202	112 548			
11:00	127	161			288	23:00	54	39			93			
11:15	142	199			341	23:15	45	24			69			
11:30	194	190			384	23:30	27	24			51			
11:45	165	628	179	729	344 1357	23:45	29	155	20	107	49 262			
TOTALS	3266	6549			9815	TOTALS	9209	6253			15462			
SPLIT %	33.3%	66.7%			38.8%	SPLIT %	59.6%	40.4%			61.2%			

DAILY TOTALS					NB	SB						EB	WB	Total
					12,475	12,802						0	0	25,277
AM Peak Hour	11:30	6:30			7:15	PM Peak Hour	16:30	16:45			16:45			
AM Pk Volume	724	1225			1672	PM Pk Volume	1179	827			2002			
Pk Hr Factor	0.914	0.909			0.950	Pk Hr Factor	0.948	0.854			0.915			
7 - 9 Volume	947	2112	0	0	3059	4 - 6 Volume	2302	1509	0	0	3811			
7 - 9 Peak Hour	7:30	7:00			7:15	4 - 6 Peak Hour	16:30	16:45			16:45			
7 - 9 Pk Volume	512	1171	0	0	1672	4 - 6 Pk Volume	1179	827	0	0	2002			
Pk Hr Factor	0.837	0.869	0.000	0.000	0.950	Pk Hr Factor	0.948	0.854	0.000	0.000	0.915			



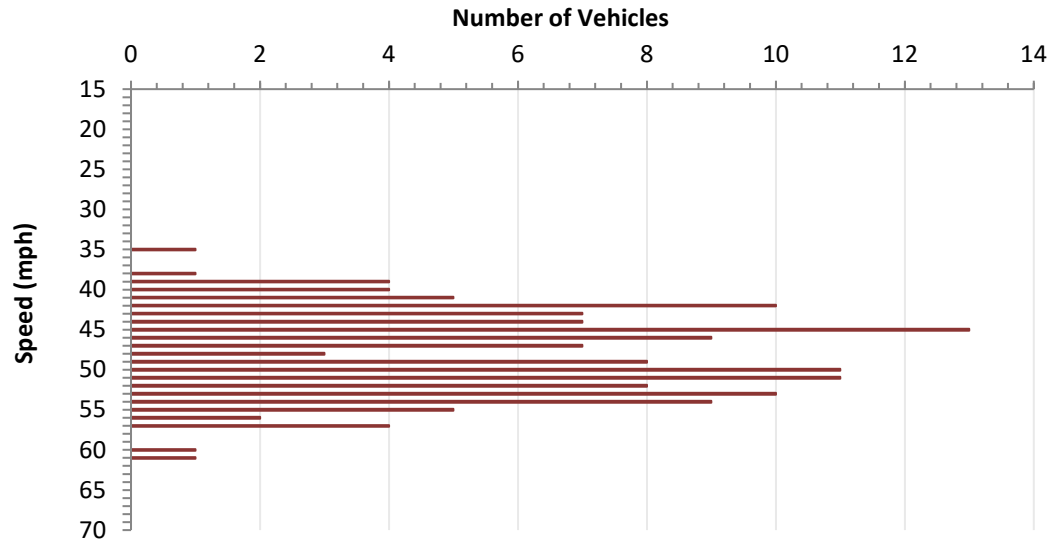
RADAR SPEED SURVEY

SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

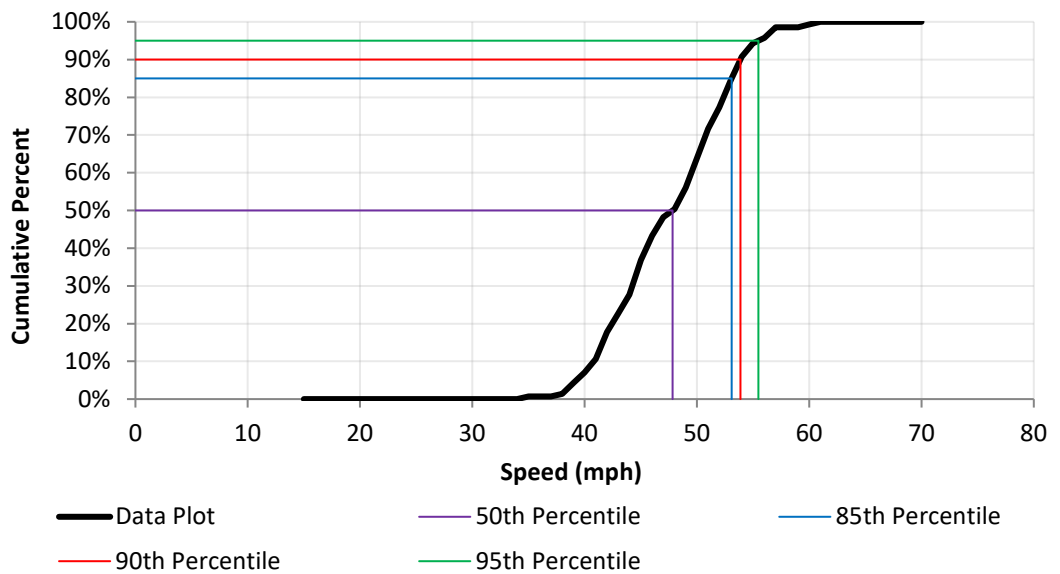
Road Name:	Bear Valley Py	From:	Las Palmas Ave	To:	Old Spanish Trail
Position:	500' N/o Old Spanish Trail	Direction:	NB/ SB		

Date:	8/10/2022	Weather:	Clear	Project Number:	N/A
Time Start:	10:43 AM	Road Condition:	Dry	Observer:	County
Time End:	11:11 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%



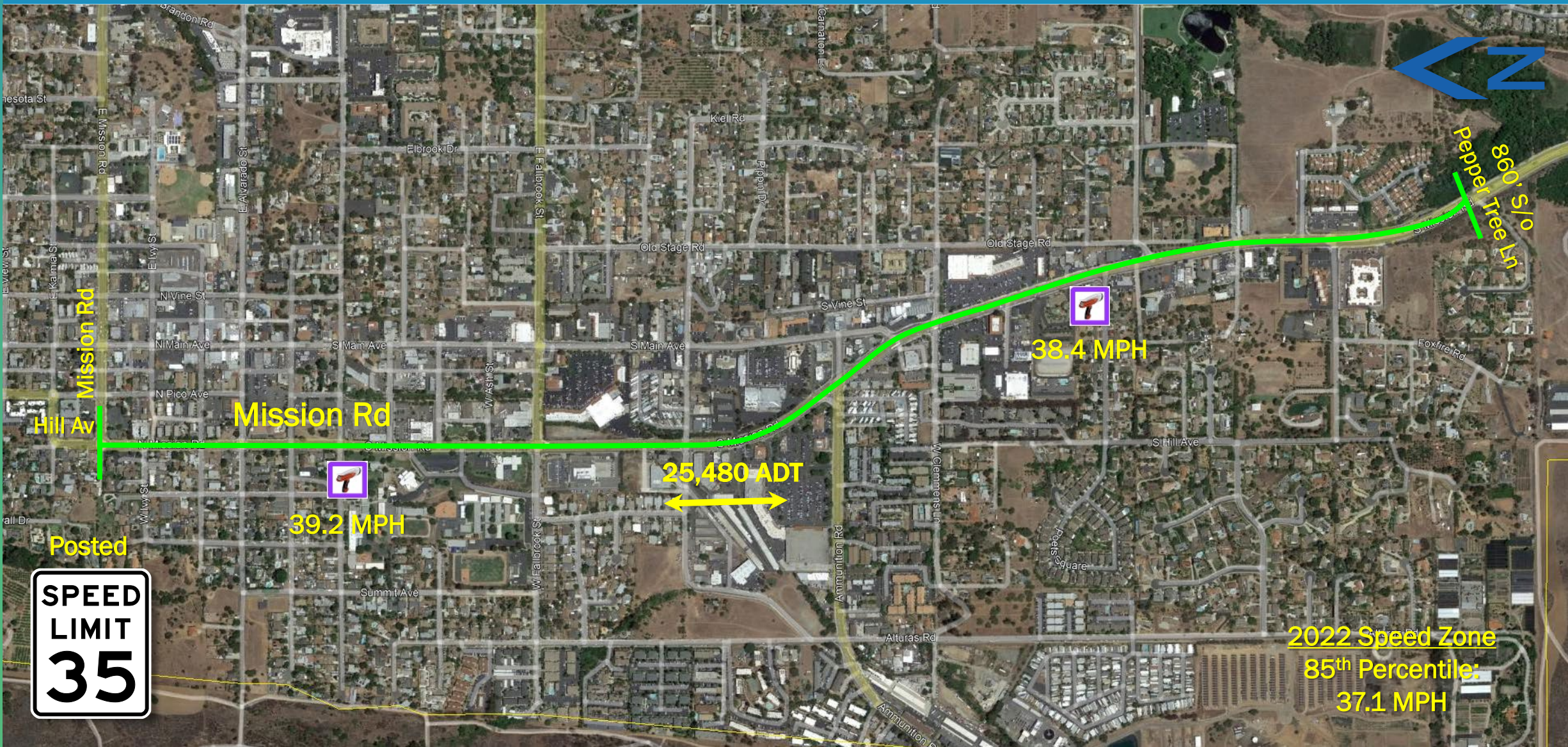
36		
37		
38	1	1.4%
39	4	4.3%
40	4	7.1%
41	5	10.6%
42	10	17.7%
43	7	22.7%
44	7	27.7%
45	13	36.9%
46	9	43.3%
47	7	48.2%
48	3	50.4%
49	8	56.0%
50	11	63.8%
51	11	71.6%
52	8	77.3%
53	10	84.4%
54	9	90.8%
55	5	94.3%
56	2	95.7%
57	4	98.6%
58		
59		



DATA ANALYSIS				
Average Speed	48.0	Range	35 - 61	
50th Percentile	47.8	10 mph Pace	45 - 54	
85th Percentile	53.1	Number in Pace	89	
90th Percentile	53.9	Percent in Pace	63%	
95th Percentile	55.5			
Total	141			

Mission Road

860' S/o Pepper Tree Ln to Hill Av (1.73 miles)



SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE

COMMITTEE REPORT OF: October 28, 2022

Item 5-B

SUPERVISORIAL DISTRICT: 5

SUBJECT: Radar Certification

LOCATION: Mission Road from a point 860' south of Pepper Tree Lane to Hill Avenue (a distance of 1.73 miles)
FALLBROOK (Thos. Bros. 1027-F5)

INITIATED BY: DPW Traffic Engineering

REQUEST: Radar Certification

PROBLEM AS STATED BY REQUESTER:

Mission Road from a point 860' south of Pepper Tree Lane to Hill Avenue is posted with a 35 MPH, radar enforced, 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 Mission Road is a primarily striped 4-lane divided through highway with a combined pavement width from 75 to 82 feet. 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 Major Road on the County General Plan Mobility Element Network. The road is posted with a 35 MPH, radar enforced, speed limit.

Average Daily Traffic Volumes

	<u>10/22</u>	<u>10/15</u>	
Mission Road:			
S/o Fallbrook Street	25,480*	23,470	*Estimate

<u>Speed Data</u>		<u>85th Percentile</u>	<u>10 MPH Pace</u>	<u>% in Pace</u>
Mission Road:				
400' S/o Clemmens Lane	(2022)	38.4 MPH	30-39	79.0%
140' N/o College Street	(2022)	39.2 MPH	29-38	73.0%
	(2015)	41.0 MPH	34-43	79.0%
Speed Zone	(2022)	38.8 MPH	30-39	76.0%

Collision Data

There have been 78 reported collision, 34 of which involved an injury, along this segment of roadway in a 3 year period (06-01-19 to 05-31-22). This collision results in a segment accident rate of 1.79 collisions per million vehicle miles. The statewide average is 1.25 collisions per million vehicle miles for similar suburban divided 4 lanes with speeds less than or equal to 55 MPH.



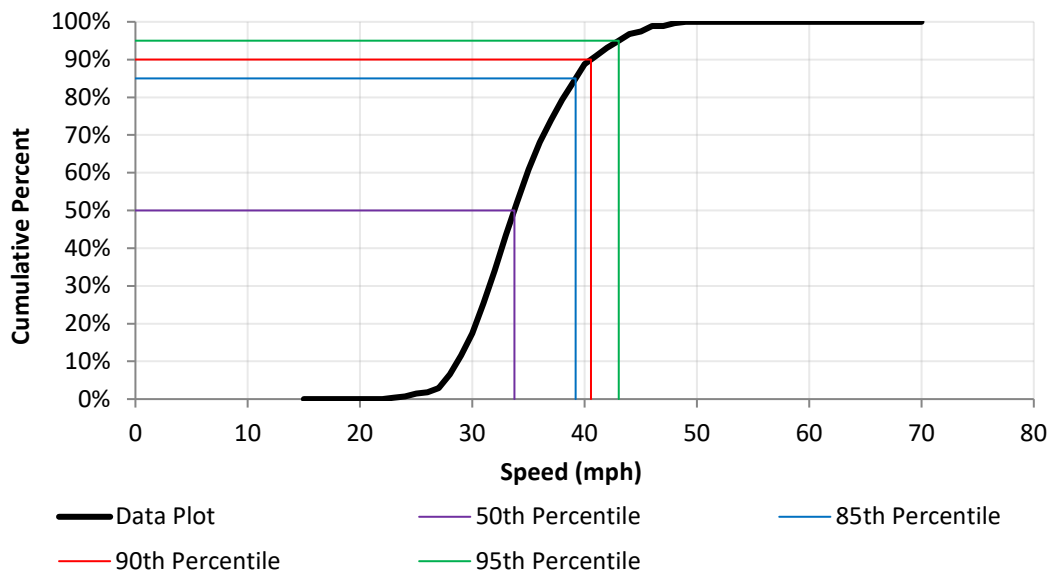
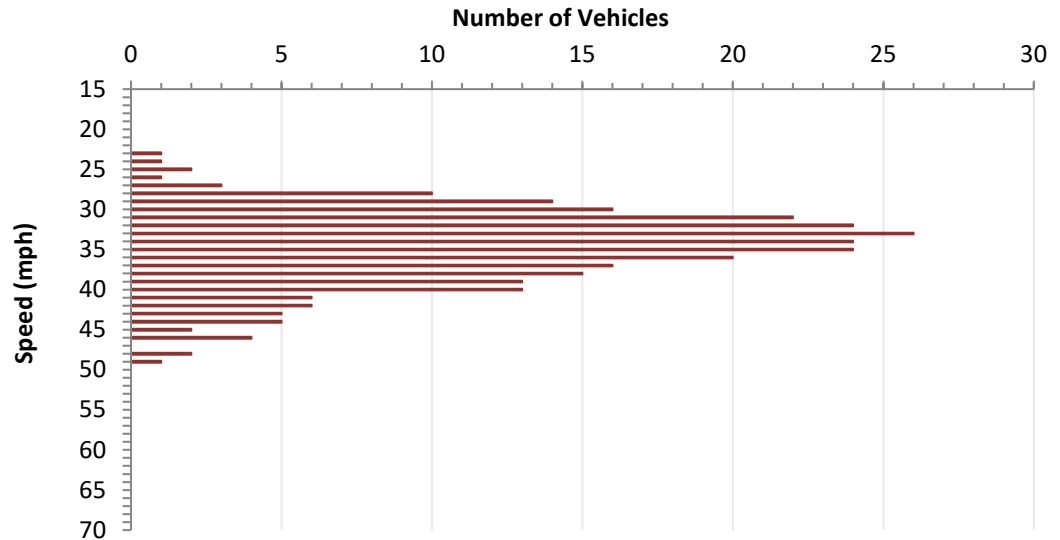
RADAR SPEED SURVEY

SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

Road Name:	Mission Rd	From:	860' SO Pepper Tree Ln	To:	Hill Av
Position:	140' NO College St	Direction:	NB/SB		

Date:	10/12/2022	Weather:	Clear	Project Number:	N/A
Time Start:	2:20 PM	Road Condition:	Dry	Observer:	County
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		
22		
23	1	0.4%
24	1	0.7%
25	2	1.4%
26	1	1.8%
27	3	2.9%
28	10	6.5%
29	14	11.6%
30	16	17.4%
31	22	25.4%
32	24	34.1%
33	26	43.5%
34	24	52.2%
35	24	60.9%
36	20	68.1%
37	16	73.9%
38	15	79.3%
39	13	84.1%
40	13	88.8%
41	6	90.9%
42	6	93.1%
43	5	94.9%
44	5	96.7%
45	2	97.5%
46	4	98.9%
47		
48	2	99.6%
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	276	



DATA ANALYSIS

Average Speed	34.8	Range	23 - 49
50th Percentile	33.8	10 mph Pace	29 - 38
85th Percentile	39.2	Number in Pace	201
90th Percentile	40.6	Percent in Pace	73%
95th Percentile	43.0		



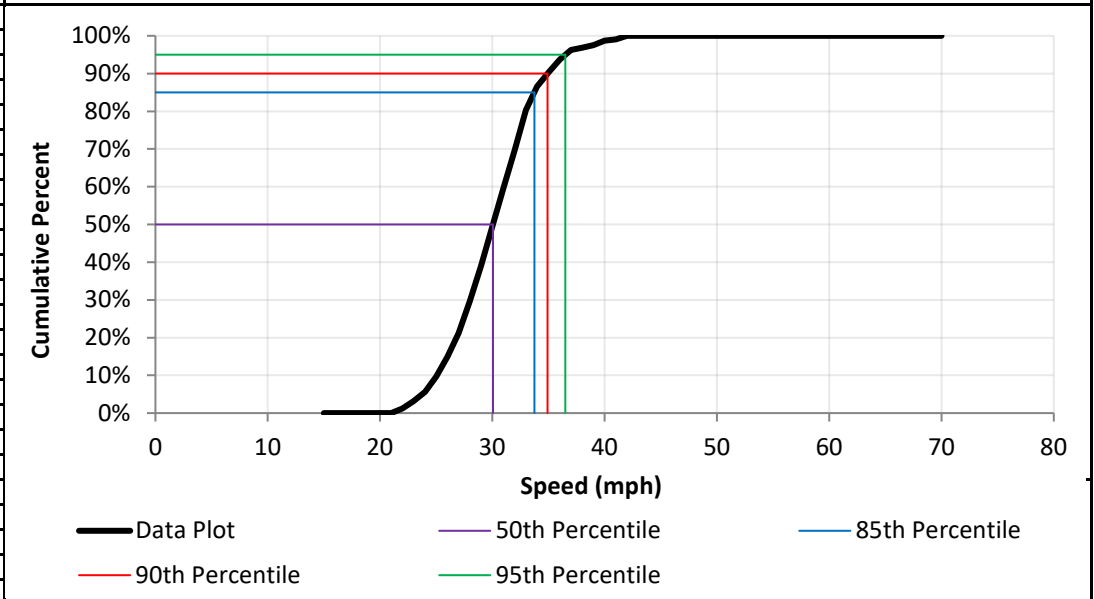
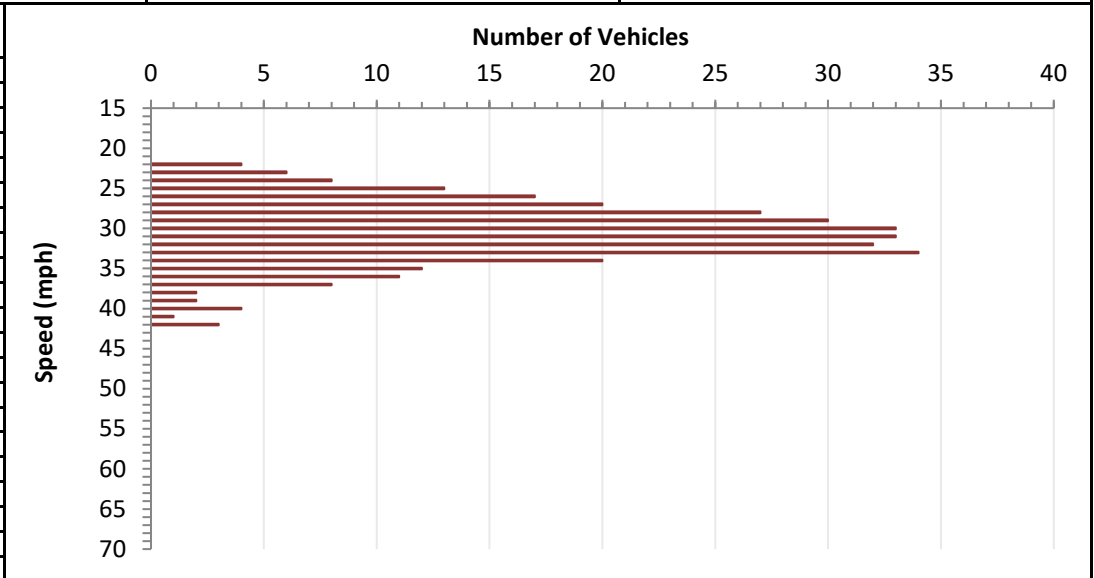
RADAR SPEED SURVEY

SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

Road Name:	Mission Rd	From:	860' SO Pepper Tree Ln	To:	Hill Av
Position:	150' SO Fallbrook St	Direction:	NB/SB		

Date:	10/12/2022	Weather:	Clear	Project Number:	N/A
Time Start:	2:20 PM	Road Condition:	Dry	Observer:	County
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		
22	4	1.3%
23	6	3.1%
24	8	5.6%
25	13	9.7%
26	17	15.0%
27	20	21.3%
28	27	29.7%
29	30	39.1%
30	33	49.4%
31	33	59.7%
32	32	69.7%
33	34	80.3%
34	20	86.6%
35	12	90.3%
36	11	93.8%
37	8	96.3%
38	2	96.9%
39	2	97.5%
40	4	98.8%
41	1	99.1%
42	3	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	320	



DATA ANALYSIS

Average Speed	30.6	Range	22 - 42
50th Percentile	30.1	10 mph Pace	25 - 34
85th Percentile	33.8	Number in Pace	259
90th Percentile	34.9	Percent in Pace	81%
95th Percentile	36.5		



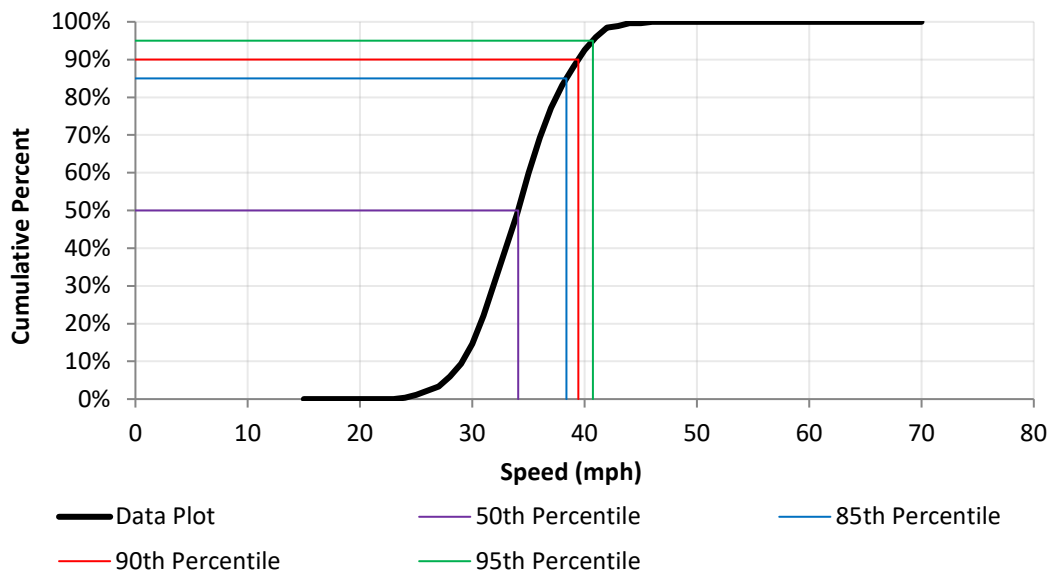
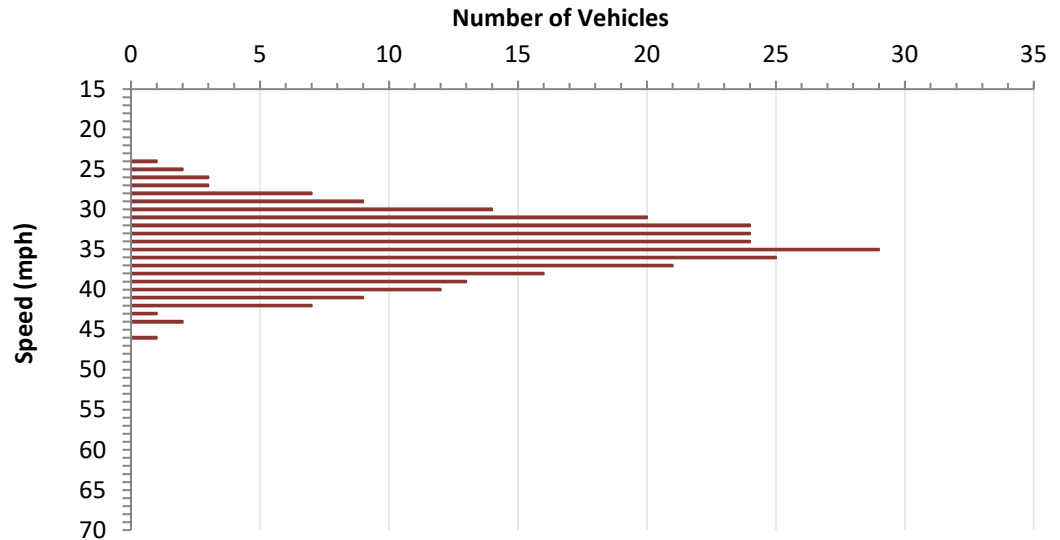
RADAR SPEED SURVEY

SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

Road Name:	Mission Rd	From:	860' SO Pepper Tree Ln	To:	Hill Av
Position:	400' SO Clemmens Ln	Direction:	NB/SB		

Date:	10/12/2022	Weather:	Clear	Project Number:	N/A
Time Start:	12:00 PM	Road Condition:	Dry	Observer:	County
Time End:	1:00 PM	Posted Speed:	35 MPH	Calibration Test:	Y

Speed (mph)	Num. Veh.	Cum. Pct.
15		
16		
17		
18		
19		
20		
21		
22		
23		
24	1	0.4%
25	2	1.1%
26	3	2.2%
27	3	3.4%
28	7	6.0%
29	9	9.4%
30	14	14.6%
31	20	22.1%
32	24	31.1%
33	24	40.1%
34	24	49.1%
35	29	59.9%
36	25	69.3%
37	21	77.2%
38	16	83.1%
39	13	88.0%
40	12	92.5%
41	9	95.9%
42	7	98.5%
43	1	98.9%
44	2	99.6%
45		
46	1	100.0%
47		
48		
49		
50		
51		
52		
53		
54		
55		
56		
57		
58		
59		
60		
61		
62		
63		
64		
65		
66		
67		
68		
69		
70		
Total	267	



DATA ANALYSIS

Average Speed	34.6	Range	24 - 46
50th Percentile	34.1	10 mph Pace	30 - 39
85th Percentile	38.4	Number in Pace	210
90th Percentile	39.4	Percent in Pace	79%
95th Percentile	40.7		