



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

July 22, 2024

TO: Community Planning/Sponsor Group Chairpersons

FROM: Secretary, Traffic Advisory Committee

MEETING NOTICE

Attached is the preliminary agenda for the August 2, 2024 meeting of the Traffic Advisory Committee (TAC).

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

After reviewing the data and discussing alternatives, the TAC submits a recommendation to the Board as to what it believes to be the most appropriate action based upon sound traffic engineering principles, the California Vehicle Code, and driver expectation. The Board of Supervisors will make a final decision as to what action will be taken after reviewing TAC recommendations and community group input, when available.

If you do have any questions or need additional information regarding this procedure, please contact me at kenton.jones@sdcounty.ca.gov. TAC staff is available to provide background information on items and to answer questions you may have.

This TAC meeting on August 2, 2024, will be conducted with a virtual meeting platform option.
Please join us in person or use this link below to join the meeting:

Join on your computer, mobile app or room device

[Click here to join the meeting](#)

Meeting ID: 234 770 770 151

Passcode: yqCrLH

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

Or call in (audio only)

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

Phone Conference ID: 311 196 924#

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

Very truly yours,

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

KRJ:bb
Attachment



SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE

**August 2, 2024 ~ 9:00 AM
5510 Overland Ave, Room 271
San Diego CA, 92123**

AGENDA

- I. Call to Order / Roll Call**
- II. Pledge of Allegiance**
- III. Approval of Minutes**
- IV. Announcements / Public Forum**
- V. Items for Review**

SUBJECT	LOCATION	AREA/ COMMUNITY GROUP
<u>SUPERVISORIAL DISTRICT 3</u>		
3-A. RADAR CERTIFICATION	VIA DE SANTA FE VIA DE LA VALLE TO CALZADA DEL BOSQUE	FAIRBANKS RANCH/ SAN DIEGUITO CPG
3-B. RADAR CERTIFICATION	VIA DE SANTA FE/EL APAJO CALZADA DEL BOSQUE TO SAN DIEGUITO RD	FAIRBANKS RANCH/ SAN DIEGUITO CPG
<u>SUPERVISORIAL DISTRICT 4</u>		
4-A. RADAR CERTIFICATION	FUERTE DRIVE LA MESA CITY LIMIT TO CHASE AV	MT HELIX/CALAVO GARDENS/ VALLE DE ORO CPG
<u>SUPERVISORIAL DISTRICT 5</u>		
5-A. RADAR CERTIFICATION	ROCK SPRINGS ROAD ESCONDIDO CITY LIMIT TO BENNETT AV	ESCONDIDO/ N/A
<u>INFORMATIONAL ITEM</u>		
SAFETY CORRIDOR PRESENTATION		

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>

Via de Santa Fe

Via de la Valle to Calzada del Bosque (0.63 miles)



Calzada del Bosque

8,184 ADT

Via de Santa Fe

42.3 MPH

Via de la Valle

El Siemoro

Calle Feliz



SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE

COMMITTEE REPORT OF: August 2, 2024

Item 3-A

SUPERVISORIAL DISTRICT: 3

SUBJECT: Radar Certification

LOCATION: Via de Santa Fe from Via de la Valle to Calzada del Bosque (a distance of 0.64 miles) FAIRBANKS RANCH

INITIATED BY: DPW Traffic Engineering

REQUEST: Radar Certification

PROBLEM AS STATED BY REQUESTER:

Via de Santa Fe from Via de la Valle to Calzada del Bosque is currently posted with a 40 MPH speed limit. A preliminary review of prevailing speeds and roadway conditions could support radar certification the 40 MPH speed limit.

Existing Traffic Devices

Via de Santa Fe is a striped 2-lane undivided highway that is 24 to 45 feet wide. The roadway is striped with a no passing centerline and bike lanes. The road is posted with a 30 MPH reverse turn advisory, school and fire station signage. Via de Santa Fe is currently unclassified on the County General Plan Mobility Element Network. The road is posted with a 40 MPH speed limit.

Average Daily Traffic Volumes

Via de Santa Fe:

500' N/o Calzada del Bosque

07/24

8,184

04/18

9,940

Speed Data

Via de Santa Fe:

120' N/o El Sicomoro Street

(2024)

**85th
Percentile**

42.3 MPH

**10 MPH
Pace**

33-42

**% in
Pace**

75%

Collision Data

There have been 6 reported collisions, 3 of which involved an injury, 1 of which involved a severe injury, along this segment of roadway in a 3-year (2021-01-01 to 2023-12-31) This collision results in a segment accident rate of 1.05 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

Via De Santa Fe 500' N/O Calzada del Bosque

Day: Thursday
Date: 7/11/2024

City: Rancho Santa Fe
Project #: CA24_040129_007

DAILY TOTALS					NB	SB	EB					WB	Total
					4,459	3,725						0	0
AM Period	NB	SB	EB	WB	TOTAL	PM Period	NB	SB	EB	WB	TOTAL		
0:00	4	3	0	0	7	12:00	73	58	0	0	131		
0:15	2	1	0	0	3	12:15	75	57	0	0	132		
0:30	2	1	0	0	3	12:30	67	62	0	0	129		
0:45	1	9	0	5	1	12:45	54	269	58	235	112		
1:00	1	1	0	0	2	13:00	82	60	0	0	142		
1:15	1	1	0	0	2	13:15	89	47	0	0	136		
1:30	0	1	0	0	1	13:30	74	65	0	0	139		
1:45	0	2	1	4	1	13:45	74	319	49	221	123		
2:00	3	0	0	0	3	14:00	93	72	0	0	165		
2:15	0	0	0	0	0	14:15	98	60	0	0	158		
2:30	2	0	0	0	2	14:30	74	77	0	0	151		
2:45	1	6	2	2	3	14:45	110	375	72	281	182		
3:00	1	1	0	0	2	15:00	144	87	0	0	231		
3:15	1	0	0	0	1	15:15	156	89	0	0	245		
3:30	1	1	0	0	2	15:30	132	107	0	0	239		
3:45	2	5	0	2	2	15:45	178	610	63	346	241		
4:00	1	2	0	0	3	16:00	141	87	0	0	228		
4:15	5	0	0	0	5	16:15	130	72	0	0	202		
4:30	5	11	0	0	16	16:30	124	63	0	0	187		
4:45	4	15	5	18	9	16:45	110	505	64	286	174		
5:00	7	10	0	0	17	17:00	127	67	0	0	194		
5:15	4	11	0	0	15	17:15	110	65	0	0	175		
5:30	7	22	0	0	29	17:30	100	61	0	0	161		
5:45	7	25	28	71	35	17:45	103	440	50	243	153		
6:00	10	29	0	0	39	18:00	73	48	0	0	121		
6:15	16	37	0	0	53	18:15	59	53	0	0	112		
6:30	30	56	0	0	86	18:30	44	37	0	0	81		
6:45	33	89	72	194	105	18:45	51	227	33	171	84		
7:00	36	74	0	0	110	19:00	25	42	0	0	67		
7:15	35	73	0	0	108	19:15	30	23	0	0	53		
7:30	40	76	0	0	116	19:30	39	25	0	0	64		
7:45	56	167	80	303	136	19:45	26	120	27	117	53		
8:00	51	56	0	0	107	20:00	21	10	0	0	31		
8:15	67	84	0	0	151	20:15	15	12	0	0	27		
8:30	60	73	0	0	133	20:30	30	19	0	0	49		
8:45	77	255	83	296	160	20:45	17	83	12	53	29		
9:00	68	79	0	0	147	21:00	19	22	0	0	41		
9:15	68	59	0	0	127	21:15	26	15	0	0	41		
9:30	59	71	0	0	130	21:30	21	15	0	0	36		
9:45	58	253	73	282	131	21:45	10	76	18	70	28		
10:00	55	53	0	0	108	22:00	13	7	0	0	20		
10:15	78	52	0	0	130	22:15	11	8	0	0	19		
10:30	59	66	0	0	125	22:30	7	5	0	0	12		
10:45	58	250	73	244	131	22:45	10	41	4	24	14		
11:00	71	49	0	0	120	23:00	5	5	0	0	10		
11:15	71	58	0	0	129	23:15	2	4	0	0	6		
11:30	100	70	0	0	170	23:30	3	3	0	0	6		
11:45	64	306	63	240	127	23:45	2	12	5	17	7		
TOTALS	1382	1661			3043	TOTALS	3077	2064			5141		
SPLIT %	45.4%	54.6%			37.2%	SPLIT %	59.9%	40.1%			62.8%		

DAILY TOTALS			NB	SB	EB				WB	Total	
			4,459	3,725					0		
AM Peak Hour	11:30	8:15	8:15			PM Peak Hour	15:00	14:45	15:00		
AM Pk Volume	312	319	591			PM Pk Volume	610	355	956		
Pk Hr Factor	0.780	0.949	0.923			Pk Hr Factor	0.857	0.829	0.976		
7 - 9 Volume	422	599	0	0	1021	4 - 6 Volume	945	529	0	0	1474
7 - 9 Peak Hour	8:00	7:00	8:00			4 - 6 Peak Hour	16:00	16:00	16:00		
7 - 9 Pk Volume	255	303	0	0	551	4 - 6 Pk Volume	505	286	0	0	791
Pk Hr Factor	0.828	0.947	0.000	0.000	0.861	Pk Hr Factor	0.895	0.822	0.000	0.000	0.867



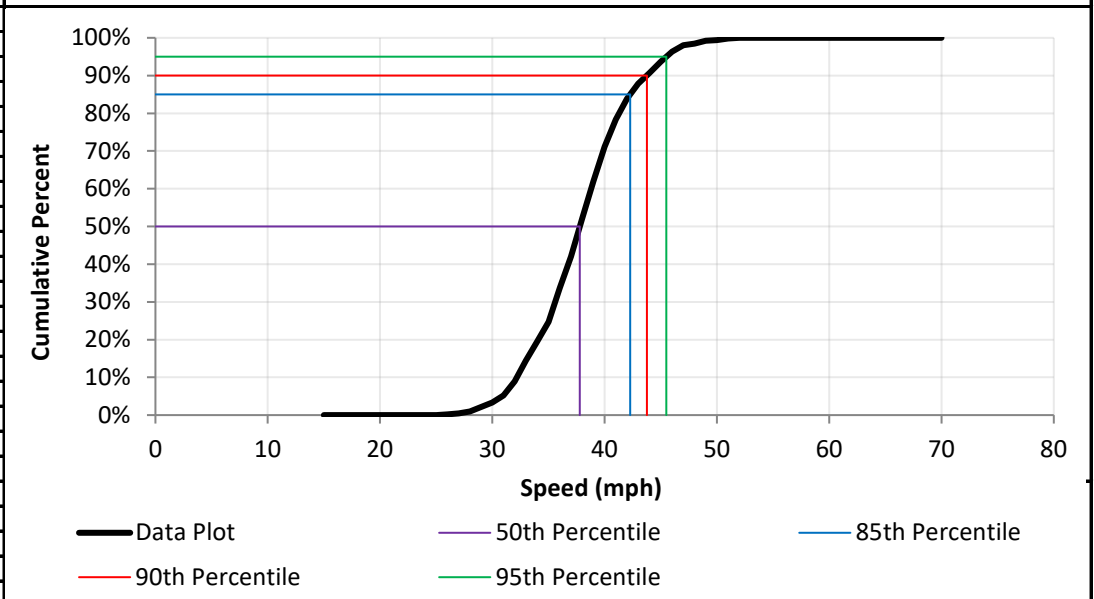
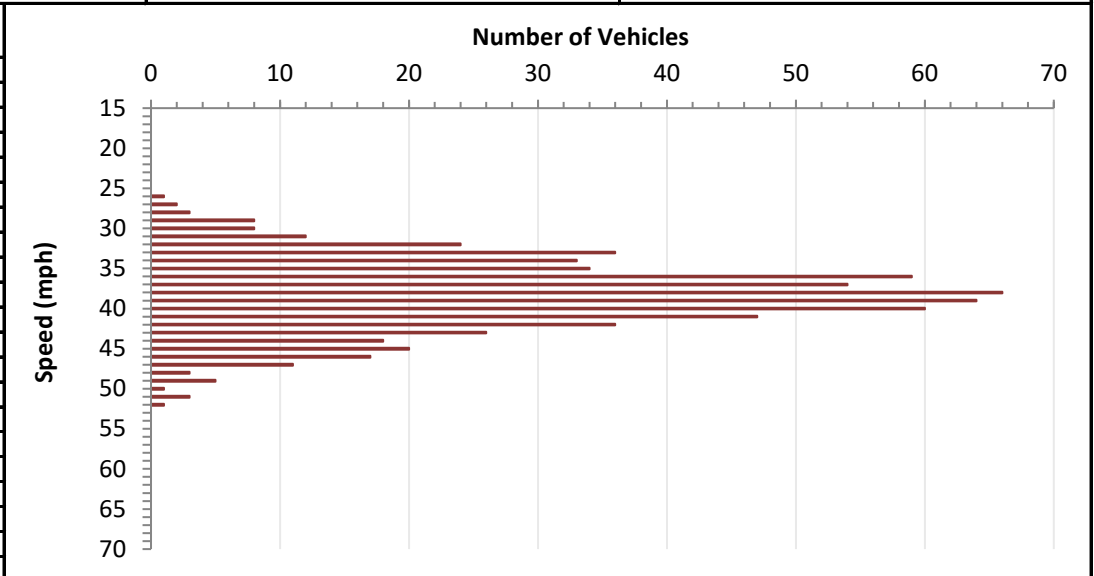
RADAR SPEED SURVEY

SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

Road Name:	Via de Santa Fe	From: Calzada del Bosque	To: Via de la Valle
Position:	120' N/o El Sicomoro St	Direction:	NB/SB

Date:	7/11/2024	Weather:	Clear	Project Number:	24-040130-006
Time Start:	1:20 PM	Road Condition:	Dry	Observer:	Contractor
Time End:	3:20 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	1	0.2%
27	2	0.5%
28	3	0.9%
29	8	2.1%
30	8	3.4%
31	12	5.2%
32	24	8.9%
33	36	14.4%
34	33	19.5%
35	34	24.7%
36	59	33.7%
37	54	42.0%
38	66	52.1%
39	64	62.0%
40	60	71.2%
41	47	78.4%
42	36	83.9%
43	26	87.9%
44	18	90.6%
45	20	93.7%
46	17	96.3%
47	11	98.0%
48	3	98.5%
49	5	99.2%
50	1	99.4%
51	3	99.8%
52	1	100.0%
53		
54		
55		
56		
57		
58		
59		
60		
61		
62		
63		
64		
65		
66		
67		
68		
69		
70		
Total	652	

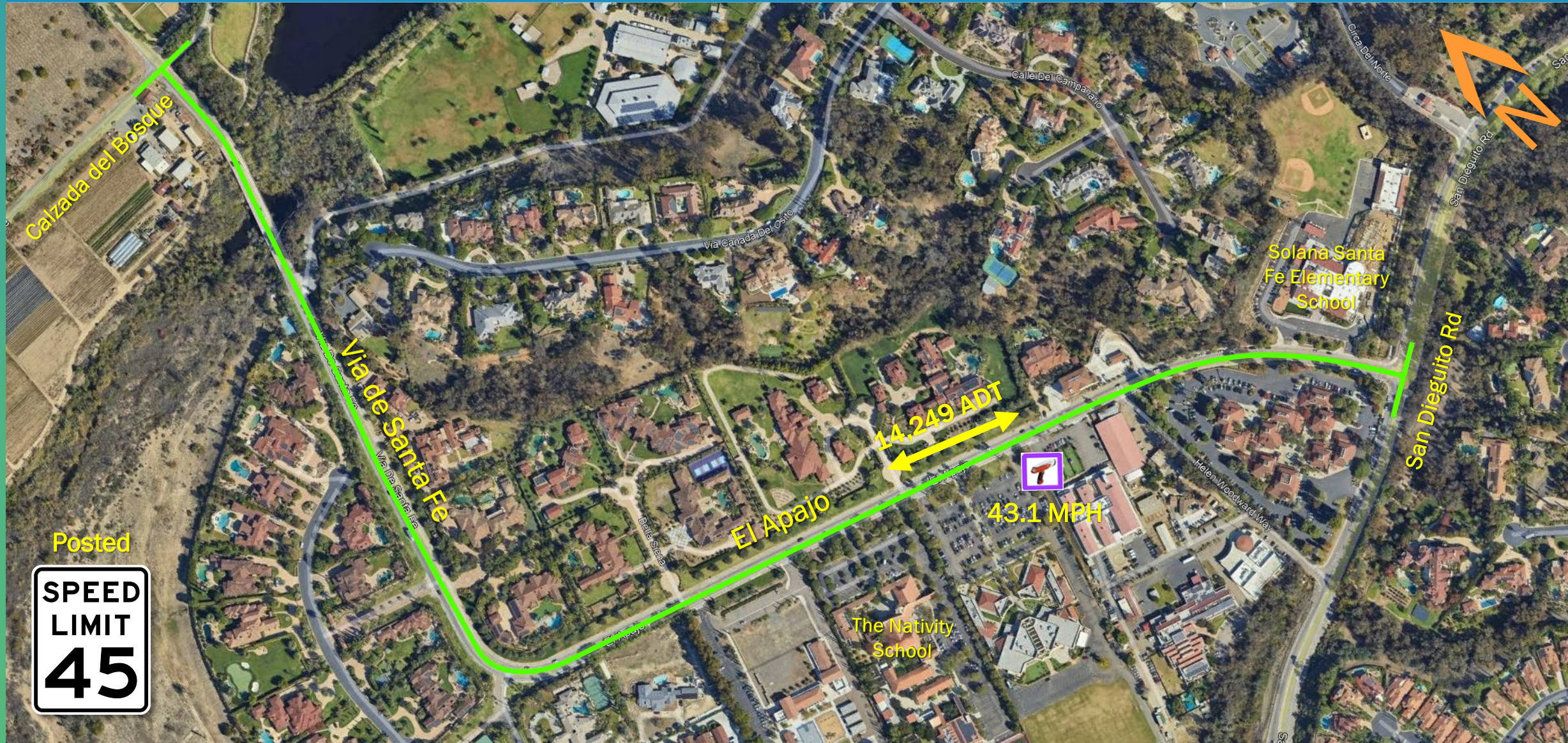


DATA ANALYSIS

Average Speed	38.3	Range	26 - 52
50th Percentile	37.8	10 mph Pace	33 - 42
85th Percentile	42.3	Number in Pace	489
90th Percentile	43.8	Percent in Pace	75%
95th Percentile	45.5		

Via de Santa Fe/El Apajo

Calzada del Bosque to San Dieguito Road (0.97 miles)



SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE

COMMITTEE REPORT OF: August 2, 2024

Item 3-B

SUPERVISORIAL DISTRICT: 3

SUBJECT: Radar Certification

LOCATION: Via de Santa Fe/El Apajo from Calzada del Bosque to San Dieguito Road (a distance of 0.97 miles)
FAIRBANKS RANCH

INITIATED BY: DPW Traffic Engineering

REQUEST: Radar Certification

PROBLEM AS STATED BY REQUESTER:

Via de Santa Fe/El Apajo from Calzada del Bosque to San Dieguito Road is currently posted with a 45 MPH speed limit. A preliminary review of prevailing speeds and roadway conditions could support radar certification a 40 MPH speed limit.

Existing Traffic Devices

Via de Santa Fe/El Apajo is a striped 2-lane undivided highway that is 24 to 45 feet wide. The roadway is striped with a two-way left turn lane, and bike lanes. The road is posted with a 20 MPH turn advisory, intersection advisories, and object markers. Via de Santa Fe is currently unclassified on the County General Plan Mobility Element Network. El Apajo is currently classified as a Community Collector on the County General Plan Mobility Element Network. Via de Santa Fe/El Apajo is posted with a 45 MPH speed limit.

Average Daily Traffic Volumes

	<u>07/24</u>	<u>12/18</u>
El Apajo:		
300' N/o Helen Woodward Way	14,249	17,476

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

El Apajo:			
300' N/o Helen Woodward Way (2024)	43.1 MPH	34-43	73%

Collision Data

There have been 6 reported collisions, 4 of which involved an injury, 1 of which involved a severe injury, along this segment of roadway in a 3-year (2021-01-01 to 2023-12-31). This collision results in a segment accident rate of 0.40 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

El Apajo 300' W/O Helen Woodward Way

Day: Thursday
Date: 7/11/2024

City: Rancho Santa Fe
Project #: CA24_040129_006

DAILY TOTALS					NB	SB	EB					WB	Total	
					0	0	6,494					7,755	14,249	
AM Period	NB	SB	EB	WB	TOTAL		PM Period	NB	SB	EB	WB	TOTAL		
0:00	0	0	4	4	8		12:00	0	0	96	97	193		
0:15	0	0	3	4	7		12:15	0	0	94	132	226		
0:30	0	0	1	4	5		12:30	0	0	102	109	211		
0:45	0	0	2	10	3	15	12:45	0	0	118	410	116	454	
1:00	0	0	1	2	3		13:00	0	0	105	129	234		
1:15	0	0	3	1	4		13:15	0	0	89	129	218		
1:30	0	0	3	0	3		13:30	0	0	115	106	221		
1:45	0	0	4	11	0	3	13:45	0	0	111	420	108	472	
2:00	0	0	0	5	5		14:00	0	0	116	123	239		
2:15	0	0	0	0	0		14:15	0	0	109	123	232		
2:30	0	0	0	3	3		14:30	0	0	139	119	258		
2:45	0	0	4	4	3	11	14:45	0	0	158	522	192	557	
3:00	0	0	2	2	4		15:00	0	0	147	232	379		
3:15	0	0	0	2	2		15:15	0	0	155	253	408		
3:30	0	0	1	1	2		15:30	0	0	149	263	412		
3:45	0	0	2	5	3	8	15:45	0	0	137	588	274	1022	
4:00	0	0	1	1	2		16:00	0	0	143	248	391		
4:15	0	0	3	9	12		16:15	0	0	139	238	377		
4:30	0	0	8	9	17		16:30	0	0	121	219	340		
4:45	0	0	10	22	7	26	16:45	0	0	138	541	202	907	
5:00	0	0	11	11	22		17:00	0	0	117	214	331		
5:15	0	0	14	10	24		17:15	0	0	131	205	336		
5:30	0	0	22	12	34		17:30	0	0	122	190	312		
5:45	0	0	28	75	23	56	17:45	0	0	140	510	169	778	
6:00	0	0	27	23	50		18:00	0	0	114	137	251		
6:15	0	0	46	32	78		18:15	0	0	104	126	230		
6:30	0	0	71	53	124		18:30	0	0	89	105	194		
6:45	0	0	77	221	57	165	18:45	0	0	82	389	84	452	
7:00	0	0	100	47	147		19:00	0	0	85	54	139		
7:15	0	0	95	76	171		19:15	0	0	87	49	136		
7:30	0	0	114	104	218		19:30	0	0	57	68	125		
7:45	0	0	104	413	123	350	19:45	0	0	62	291	41	212	
8:00	0	0	87	107	194		20:00	0	0	31	39	70		
8:15	0	0	110	119	229		20:15	0	0	43	28	71		
8:30	0	0	115	146	261		20:30	0	0	46	42	88		
8:45	0	0	143	455	154	526	20:45	0	0	21	141	33	142	
9:00	0	0	118	154	272		21:00	0	0	54	28	82		
9:15	0	0	101	106	207		21:15	0	0	36	30	66		
9:30	0	0	93	128	221		21:30	0	0	27	28	55		
9:45	0	0	99	411	113	501	21:45	0	0	27	144	15	101	
10:00	0	0	88	106	194		22:00	0	0	28	11	39		
10:15	0	0	95	123	218		22:15	0	0	13	17	30		
10:30	0	0	107	119	226		22:30	0	0	12	11	23		
10:45	0	0	113	403	116	464	22:45	0	0	9	62	10	49	
11:00	0	0	111	108	219		23:00	0	0	13	5	18		
11:15	0	0	96	119	215		23:15	0	0	9	4	13		
11:30	0	0	104	128	232		23:30	0	0	6	8	14		
11:45	0	0	101	412	110	465	23:45	0	0	6	34	2	19	
TOTALS			2442	2590	5032		TOTALS			4052	5165	9217		
SPLIT %			48.5%	51.5%	35.3%		SPLIT %			44.0%	56.0%	64.7%		

DAILY TOTALS					NB	SB	EB					WB	Total				
					0	0	6,494					7,755	14,249				
AM Peak Hour			8:15	8:15	8:15		PM Peak Hour			14:45	15:15	15:15					
AM Pk Volume			486	573	1059		PM Pk Volume			609	1038	1622					
Pk Hr Factor			0.850	0.930	0.891		Pk Hr Factor			0.964	0.947	0.984					
7 - 9 Volume	0	0	868	876	1744		4 - 6 Volume	0	0	1051	1685	2736					
7 - 9 Peak Hour			8:00	8:00	8:00		4 - 6 Peak Hour			16:00	16:00	16:00					
7 - 9 Pk Volume	0	0	455	526	981		4 - 6 Pk Volume	0	0	541	907	1448					
Pk Hr Factor	0.000	0.000	0.795	0.854	0.826		Pk Hr Factor	0.000	0.000	0.946	0.914	0.926					



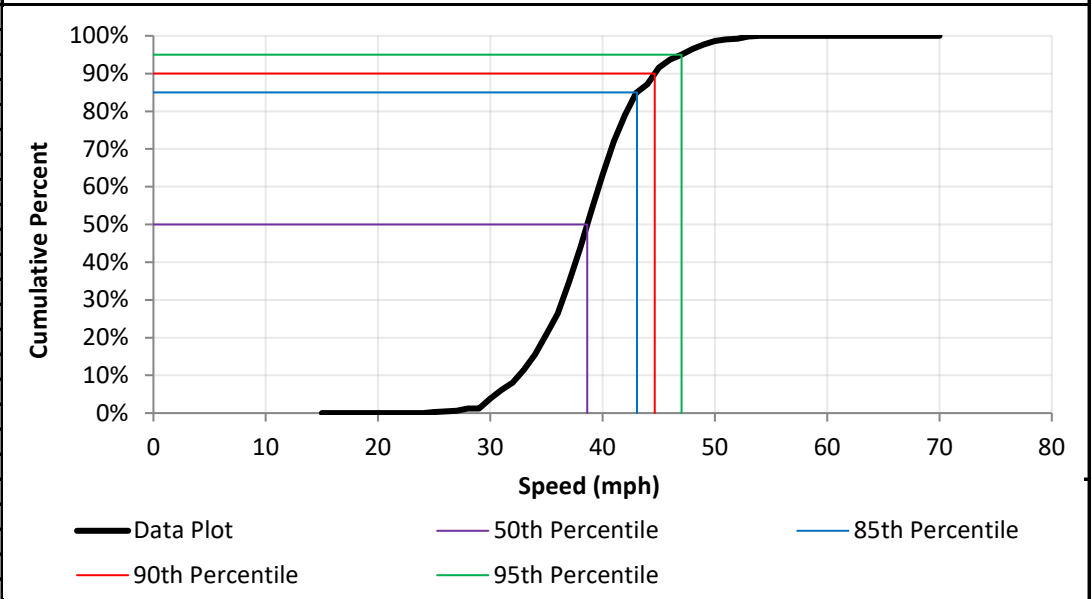
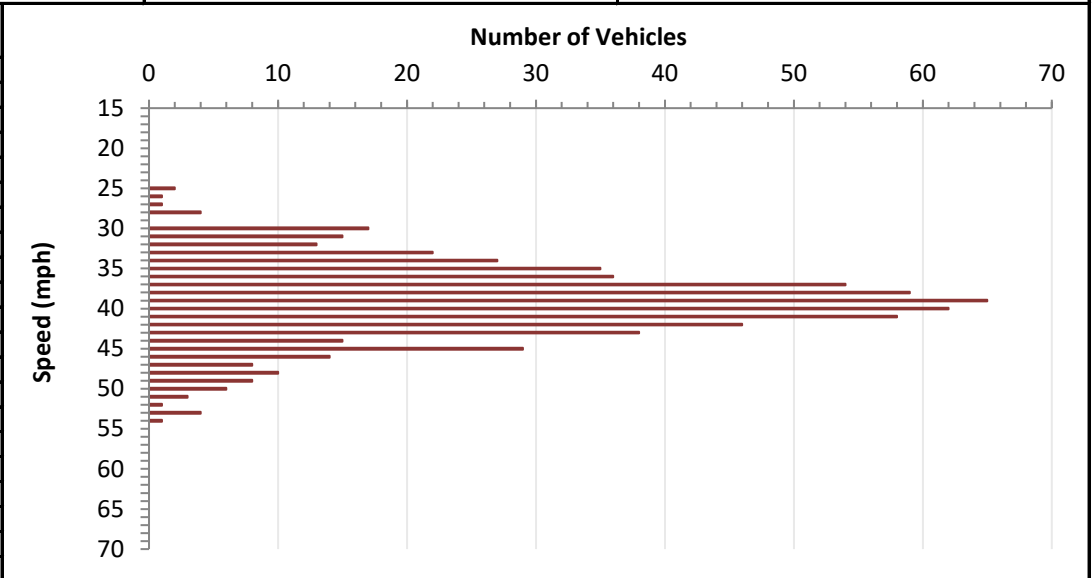
RADAR SPEED SURVEY

SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

Road Name:	El Apajo	From:	San Dieguito Rd	To:	Via de Santa Fe
Position:	300' W/o Helen Woodward Wy			Direction:	NB/SB

Date:	7/11/2024	Weather:	Clear	Project Number:	24-040130-005
Time Start:	11:05 AM	Road Condition:	Dry	Observer:	Contractor
Time End:	1:05 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	2	0.3%
26	1	0.5%
27	1	0.6%
28	4	1.2%
29		
30	17	3.8%
31	15	6.1%
32	13	8.1%
33	22	11.5%
34	27	15.6%
35	35	20.9%
36	36	26.5%
37	54	34.7%
38	59	43.7%
39	65	53.7%
40	62	63.1%
41	58	72.0%
42	46	79.1%
43	38	84.9%
44	15	87.2%
45	29	91.6%
46	14	93.7%
47	8	95.0%
48	10	96.5%
49	8	97.7%
50	6	98.6%
51	3	99.1%
52	1	99.2%
53	4	99.8%
54	1	100.0%
55		
56		
57		
58		
59		
60		
61		
62		
63		
64		
65		
66		
67		
68		
69		
70		
Total	654	

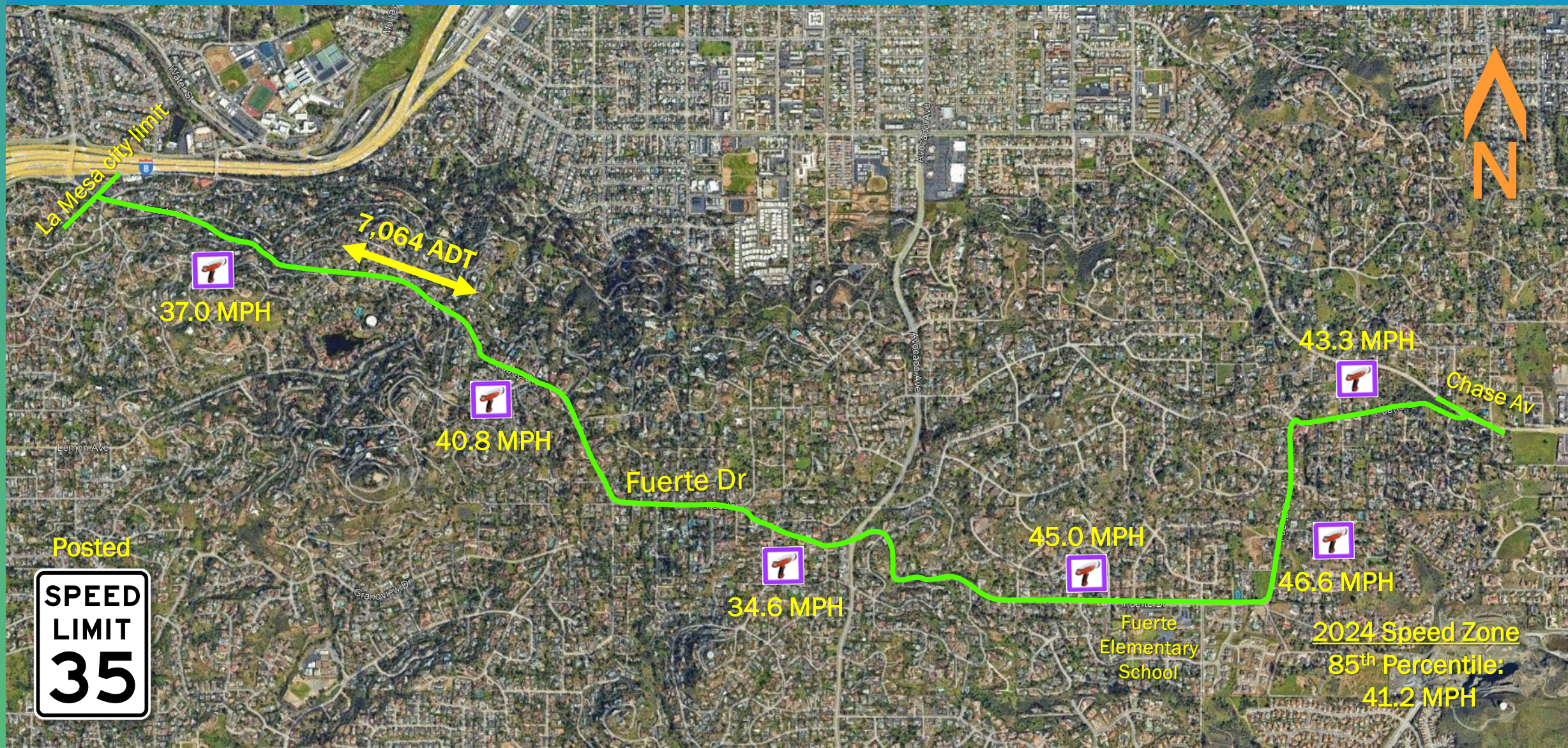


DATA ANALYSIS

Average Speed	39.1	Range	25 - 54
50th Percentile	38.6	10 mph Pace	34 - 43
85th Percentile	43.1	Number in Pace	480
90th Percentile	44.6	Percent in Pace	73%
95th Percentile	47.0		

Fuerte Drive

La Mesa city limit to Chase Avenue (4.58 miles)



SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE

COMMITTEE REPORT OF: August 2, 2024

Item 4-A

SUPERVISORIAL DISTRICT: 4

SUBJECT: Radar Certification

LOCATION: Fuerte Drive from La Mesa city limit (west of Grossmont Boulevard) to Chase Avenue (a distance of 4.58 miles) GROSSMONT/MOUNT HELIX/CALAVO GARDENS

INITIATED BY: DPW Traffic Engineering

REQUEST: Radar Certification

PROBLEM AS STATED BY REQUESTER:

Fuerte Drive from La Mesa city limit (west of Grossmont Boulevard) to Chase Avenue is currently posted with a 35 MPH speed limit. A preliminary review of prevailing speeds and roadway conditions could support radar certification the 35 MPH speed limit.

Existing Traffic Devices

Fuerte Drive is a striped 2-lane undivided highway that is 26 to 59 feet wide. The roadway is striped with a no passing centerline and white edgeline. Fuerte Drive is posted with stop signs, stop and signal advisories, school signage, curve advisories, and object markers. The road is stop controlled at Grossmont Boulevard and is signalized at Grandview Drive and Avocado Boulevard, respectively. Fuerte Drive is currently classified as a Major Road on the County General Plan Mobility Element Network. The road is posted with a 35 MPH speed limit.

Average Daily Traffic Volumes

07/24

Fuerte Drive:

400' E/o Summit Drive	12,099
50' W/o Redondo Dr	9,883
120' W/o Fuerte Farms Rd	3,528
At Fuerte Knolls Ln	2,744

Speed Data

Fuerte Drive:

		<u>85th Percentile</u>	<u>10 MPH Pace</u>	<u>% in Pace</u>
540' W/o El Granito Avenue	(2024)	37.0 MPH	30-39	86%
440' W/o Vivera Drive	(2024)	40.8 MPH	32-41	82%
260' E/o Calavo Drive	(2024)	34.6 MPH	28-37	93%

170' E/o Fuerte Farms Road	(2024)	45.0 MPH	37-46	76%
450' N/o Shadow Creek Lane	(2024)	46.6 MPH	36-45	67%
360' E/o Chase Lane	(2024)	43.3 MPH	33-42	71%
Speed Zone:	(2024)	41.2 MPH	33-42	79%

Collision Data

There have been 32 reported collisions, 11 of which involved an injury, 1 of which involved a severe injury, along this segment of roadway in a 3-year (2021-01-01 to 2023-12-31) This collision results in a segment accident rate of 0.90 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.



WILLIAM P. MORGAN, P.E.
INTERIM DIRECTOR

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

COUNTY TRAFFIC ENGINEER RECOMMENDATION

Date: July 22, 2024

Item Title: Speed Limit and Radar Certification

Location: Fuerte Drive between La Mesa City Limit and Chase Avenue in Valle De Oro

CTE Recommendation: **Establish 35 MPH Radar Enforced Speed Limit**

Conditions:

- Section 22358 of the California Vehicle Code authorizes a local agency to determine upon the basis of an Engineering and Traffic Survey (E&TS) that the speed limit of 65 miles per hour (mph) is more than is reasonable or safe, the agency may declare a prima facie speed limit of 60, 55, 50, 45, 40, 35, 30, or 25 mph, whichever is found most appropriate and is reasonable and safe.
- Section 2B.13 "Speed Limit Sign (R2-1)" of the California MUTCD, provides that an E&TS shall include a) prevailing speeds, b) collision records, and c) highway, traffic and roadside conditions that are not apparent to a driver.
- The California Manual on Uniform Traffic Control Devices stipulates that speed limits are usually set at the 5 mph increment above or below the prevailing (85th percentile) speed of motorists.
- Fuerte Drive is a two-lane roadway, curvilinear alignment, with limited shoulder and multiple residential driveways throughout its length of 4.58 miles. Its pavement width varies between 22 and 50 feet with a striped center line on the roadway.
- A speed survey recently taken on Fuerte Drive resulted in a prevailing 85th percentile speed of 41.2 MPH.
- Pursuant to CVC section 22358 coupled with above conditions on Fuerte Drive and the guidance of the CA MUTCD section 2B.13, a 35 MPH radar enforced speed limit on Fuerte Drive from La Mesa City Limit to Chase Avenue is reasonable and safe based on prevailing speed.

Michael L. Kenney, TE 2045 & CE 56661

July 22, 2024

Date

VOLUME

Fuerte Dr 400' E/O Summit Dr

Day: Thursday
Date: 7/11/2024

City: La Mesa
Project #: CA24_040129_019

DAILY TOTALS					NB	SB						EB	WB						Total
					0	0						6,993	5,106						12,099
AM Period	NB	SB	EB	WB	TOTAL		PM Period	NB	SB	EB	WB	TOTAL							TOTAL
0:00	0	0	14	4	18		12:00	0	0	96	89	185							185
0:15	0	0	12	3	15		12:15	0	0	112	81	193							193
0:30	0	0	7	1	8		12:30	0	0	98	73	171							171
0:45	0	0	2	35	3	11	12:45	0	0	121	427	90	333	211	760				
1:00	0	0	4	5	9		13:00	0	0	121	75	196							196
1:15	0	0	8	5	13		13:15	0	0	130	53	183							183
1:30	0	0	3	4	7		13:30	0	0	118	79	197							197
1:45	0	0	9	24	4	18	13:45	0	0	127	496	94	301	221	797				
2:00	0	0	3	1	4		14:00	0	0	119	71	190							190
2:15	0	0	3	2	5		14:15	0	0	129	81	210							210
2:30	0	0	1	2	3		14:30	0	0	131	84	215							215
2:45	0	0	2	9	1	6	14:45	0	0	156	535	83	319	239	854				
3:00	0	0	1	1	2		15:00	0	0	157	82	239							239
3:15	0	0	3	2	5		15:15	0	0	179	82	261							261
3:30	0	0	3	5	8		15:30	0	0	180	78	258							258
3:45	0	0	6	13	3	11	15:45	0	0	172	688	83	325	255	1013				
4:00	0	0	1	7	8		16:00	0	0	161	79	240							240
4:15	0	0	5	3	8		16:15	0	0	182	83	265							265
4:30	0	0	1	17	18		16:30	0	0	158	82	240							240
4:45	0	0	2	9	9	36	16:45	0	0	175	676	75	319	250	995				
5:00	0	0	5	6	11		17:00	0	0	166	83	249							249
5:15	0	0	4	19	23		17:15	0	0	182	71	253							253
5:30	0	0	4	33	37		17:30	0	0	183	83	266							266
5:45	0	0	9	22	38	96	17:45	0	0	176	707	62	299	238	1006				
6:00	0	0	12	51	63		18:00	0	0	170	82	252							252
6:15	0	0	17	71	88		18:15	0	0	150	70	220							220
6:30	0	0	25	69	94		18:30	0	0	121	64	185							185
6:45	0	0	31	85	100	291	18:45	0	0	143	584	52	268	195	852				
7:00	0	0	39	111	150		19:00	0	0	112	43	155							155
7:15	0	0	46	114	160		19:15	0	0	105	48	153							153
7:30	0	0	54	116	170		19:30	0	0	92	41	133							133
7:45	0	0	68	207	130	471	19:45	0	0	104	413	42	174	146	587				
8:00	0	0	56	120	176		20:00	0	0	80	44	124							124
8:15	0	0	71	117	188		20:15	0	0	94	30	124							124
8:30	0	0	71	91	162		20:30	0	0	84	35	119							119
8:45	0	0	79	277	119	447	20:45	0	0	97	355	14	123	111	478				
9:00	0	0	74	108	182		21:00	0	0	86	19	105							105
9:15	0	0	85	118	203		21:15	0	0	56	16	72							72
9:30	0	0	69	104	173		21:30	0	0	53	11	64							64
9:45	0	0	66	294	78	408	21:45	0	0	49	244	17	63	66	307				
10:00	0	0	70	95	165		22:00	0	0	31	11	42							42
10:15	0	0	75	86	161		22:15	0	0	34	13	47							47
10:30	0	0	100	95	195		22:30	0	0	23	13	36							36
10:45	0	0	96	341	88	364	22:45	0	0	24	112	6	43	30	155				
11:00	0	0	75	86	161		23:00	0	0	19	6	25							25
11:15	0	0	106	80	186		23:15	0	0	30	5	35							35
11:30	0	0	84	92	176		23:30	0	0	17	6	23							23
11:45	0	0	95	360	101	359	23:45	0	0	14	80	4	21	18	101				
TOTALS			1676	2518	4194		TOTALS			5317	2588	7905							
SPLIT %			40.0%	60.0%	34.7%		SPLIT %			67.3%	32.7%	65.3%							

DAILY TOTALS					NB	SB						EB	WB						Total
					0	0						6,993	5,106						12,099
AM Peak Hour			11:45	7:30	8:45		PM Peak Hour			17:15	12:00	15:30							
AM Pk Volume			401	483	756		PM Pk Volume			711	333	1018							
Pk Hr Factor			0.895	0.929	0.931		Pk Hr Factor			0.971	0.925	0.960							
7 - 9 Volume	0	0	484	918	1402		4 - 6 Volume	0	0	1383	618	2001							
7 - 9 Peak Hour			8:00	7:30	7:30		4 - 6 Peak Hour			17:00	16:15	16:45							
7 - 9 Pk Volume	0	0	277	483	732		4 - 6 Pk Volume	0	0	707	323	1018							
Pk Hr Factor	0.000	0.000	0.877	0.929	0.924		Pk Hr Factor	0.000	0.000	0.966	0.973	0.957							

VOLUME

Fuerte Dr 50' W/O Redondo Dr

Day: Thursday
Date: 7/11/2024

City: La Mesa
Project #: CA24_040129_018

DAILY TOTALS					NB	SB	EB					WB	Total
					0	0	5,678					4,205	9,883
AM Period	NB	SB	EB	WB	TOTAL		PM Period	NB	SB	EB	WB	TOTAL	
0:00	0	0	10	1	11		12:00	0	0	76	57	133	
0:15	0	0	13	1	14		12:15	0	0	91	65	156	
0:30	0	0	5	4	9		12:30	0	0	92	64	156	
0:45	0	0	6	34	1	7	12:45	0	0	91	350	57	243
1:00	0	0	4	4	8		13:00	0	0	111	57	168	
1:15	0	0	5	3	8		13:15	0	0	98	58	156	
1:30	0	0	3	5	8		13:30	0	0	83	67	150	
1:45	0	0	7	19	1	13	13:45	0	0	102	394	68	250
2:00	0	0	2	3	5		14:00	0	0	96	67	163	
2:15	0	0	5	3	8		14:15	0	0	118	79	197	
2:30	0	0	3	2	5		14:30	0	0	98	73	171	
2:45	0	0	1	11	1	9	14:45	0	0	118	430	76	295
3:00	0	0	2	1	3		15:00	0	0	129	70	199	
3:15	0	0	2	3	5		15:15	0	0	157	62	219	
3:30	0	0	8	2	10		15:30	0	0	140	60	200	
3:45	0	0	1	13	1	7	15:45	0	0	143	569	85	277
4:00	0	0	1	4	5		16:00	0	0	156	70	226	
4:15	0	0	3	4	7		16:15	0	0	138	63	201	
4:30	0	0	2	12	14		16:30	0	0	135	74	209	
4:45	0	0	5	11	10	30	16:45	0	0	146	575	67	274
5:00	0	0	2	5	7		17:00	0	0	128	73	201	
5:15	0	0	8	11	19		17:15	0	0	132	63	195	
5:30	0	0	5	26	31		17:30	0	0	134	67	201	
5:45	0	0	10	25	31	73	17:45	0	0	130	524	57	260
6:00	0	0	10	33	43		18:00	0	0	119	68	187	
6:15	0	0	19	53	72		18:15	0	0	121	50	171	
6:30	0	0	27	51	78		18:30	0	0	101	53	154	
6:45	0	0	23	79	74	211	18:45	0	0	97	438	45	216
7:00	0	0	27	79	106		19:00	0	0	93	43	136	
7:15	0	0	42	79	121		19:15	0	0	80	35	115	
7:30	0	0	46	104	150		19:30	0	0	67	29	96	
7:45	0	0	59	174	119	381	19:45	0	0	79	319	31	138
8:00	0	0	56	94	150		20:00	0	0	83	38	121	
8:15	0	0	53	94	147		20:15	0	0	61	29	90	
8:30	0	0	56	94	150		20:30	0	0	56	22	78	
8:45	0	0	77	242	73	355	20:45	0	0	68	268	24	113
9:00	0	0	55	83	138		21:00	0	0	69	18	87	
9:15	0	0	66	95	161		21:15	0	0	47	17	64	
9:30	0	0	55	73	128		21:30	0	0	36	11	47	
9:45	0	0	70	246	74	325	21:45	0	0	38	190	14	60
10:00	0	0	75	76	151		22:00	0	0	35	16	51	
10:15	0	0	54	80	134		22:15	0	0	26	11	37	
10:30	0	0	77	86	163		22:30	0	0	18	5	23	
10:45	0	0	77	283	78	320	22:45	0	0	22	101	7	39
11:00	0	0	72	69	141		23:00	0	0	18	4	22	
11:15	0	0	77	67	144		23:15	0	0	25	15	40	
11:30	0	0	93	64	157		23:30	0	0	13	5	18	
11:45	0	0	70	312	83	283	23:45	0	0	15	71	2	26
TOTALS	1449				2014	3463	TOTALS	4229				2191	6420
SPLIT %	41.8%				58.2%	35.0%	SPLIT %	65.9%				34.1%	65.0%

DAILY TOTALS					NB	SB	EB					WB	Total
					0	0	5,678					4,205	9,883
AM Peak Hour			11:30	7:30	7:30		PM Peak Hour			15:15	14:15	15:15	
AM Pk Volume			330	411	625		PM Pk Volume			596	298	873	
Pk Hr Factor			0.887	0.863	0.878		Pk Hr Factor			0.949	0.943	0.957	
7 - 9 Volume	0	0	416	736	1152		4 - 6 Volume	0	0	1099	534	1633	
7 - 9 Peak Hour			8:00	7:30	7:30		4 - 6 Peak Hour			16:00	16:15	16:00	
7 - 9 Pk Volume			242	411	625		4 - 6 Pk Volume			575	277	849	
Pk Hr Factor			0.000	0.000	0.786	0.863	0.878	Pk Hr Factor			0.921	0.936	0.939

VOLUME

Fuerte Dr 120' W/O Fuerte Farms Rd

Day: Thursday
Date: 7/11/2024

City: El Cajon
Project #: CA24_040129_016

DAILY TOTALS					NB	SB						EB	WB	Total
					0	0						1,702	1,826	3,528
AM Period	NB	SB	EB	WB	TOTAL		PM Period	NB	SB	EB	WB	TOTAL		
0:00	0	0	1	1	2		12:00	0	0	29	35	64		
0:15	0	0	5	1	6		12:15	0	0	36	38	74		
0:30	0	0	1	2	3		12:30	0	0	31	22	53		
0:45	0	0	1	8	2	13	12:45	0	0	22	118	41	232	
1:00	0	0	1	2	3		13:00	0	0	29	32	61		
1:15	0	0	1	3	4		13:15	0	0	29	25	54		
1:30	0	0	2	3	5		13:30	0	0	22	27	49		
1:45	0	0	1	5	2	14	13:45	0	0	30	110	66	230	
2:00	0	0	0	1	1		14:00	0	0	34	19	53		
2:15	0	0	0	2	2		14:15	0	0	32	28	60		
2:30	0	0	0	1	1		14:30	0	0	39	31	70		
2:45	0	0	0	1	1	5	14:45	0	0	26	131	59	242	
3:00	0	0	1	2	3		15:00	0	0	40	34	74		
3:15	0	0	0	1	1		15:15	0	0	35	32	67		
3:30	0	0	0	1	1		15:30	0	0	26	42	68		
3:45	0	0	0	1	3	7	15:45	0	0	32	133	77	286	
4:00	0	0	0	1	1		16:00	0	0	42	36	78		
4:15	0	0	0	1	1		16:15	0	0	34	41	75		
4:30	0	0	0	1	1		16:30	0	0	28	27	55		
4:45	0	0	0	2	2	5	16:45	0	0	36	140	69	277	
5:00	0	0	5	4	9		17:00	0	0	49	31	80		
5:15	0	0	2	6	8		17:15	0	0	33	31	64		
5:30	0	0	3	6	9		17:30	0	0	40	24	64		
5:45	0	0	1	11	12	38	17:45	0	0	30	152	61	269	
6:00	0	0	7	9	16		18:00	0	0	37	33	70		
6:15	0	0	15	14	29		18:15	0	0	20	30	50		
6:30	0	0	15	21	36		18:30	0	0	34	24	58		
6:45	0	0	18	55	41	122	18:45	0	0	30	121	45	223	
7:00	0	0	15	20	35		19:00	0	0	23	14	37		
7:15	0	0	16	25	41		19:15	0	0	19	18	37		
7:30	0	0	21	34	55		19:30	0	0	13	12	25		
7:45	0	0	15	67	62	193	19:45	0	0	15	70	32	131	
8:00	0	0	16	30	46		20:00	0	0	19	12	31		
8:15	0	0	17	41	58		20:15	0	0	23	11	34		
8:30	0	0	15	48	63		20:30	0	0	21	14	35		
8:45	0	0	34	82	80	247	20:45	0	0	21	84	34	134	
9:00	0	0	26	33	59		21:00	0	0	20	13	33		
9:15	0	0	17	34	51		21:15	0	0	14	5	19		
9:30	0	0	26	23	49		21:30	0	0	10	8	18		
9:45	0	0	24	93	68	227	21:45	0	0	9	53	15	85	
10:00	0	0	26	36	62		22:00	0	0	12	4	16		
10:15	0	0	23	30	53		22:15	0	0	9	1	10		
10:30	0	0	32	32	64		22:30	0	0	5	2	7		
10:45	0	0	32	113	57	236	22:45	0	0	4	30	5	38	
11:00	0	0	29	40	69		23:00	0	0	2	2	4		
11:15	0	0	17	24	41		23:15	0	0	5	3	8		
11:30	0	0	35	35	70		23:30	0	0	6	4	10		
11:45	0	0	28	109	62	242	23:45	0	0	3	16	9	31	
TOTALS	544				806		TOTALS	1158				1020		2178
SPLIT %	40.3%				59.7%		SPLIT %	53.2%				46.8%		61.7%

DAILY TOTALS					NB	SB						EB	WB	Total
					0	0						1,702	1,826	3,528
AM Peak Hour			11:30	8:15	11:30		PM Peak Hour			16:45	15:30	15:30		
AM Pk Volume			128	168	270		PM Pk Volume			158	164	298		
Pk Hr Factor			0.889	0.875	0.912		Pk Hr Factor			0.806	0.911	0.955		
7 - 9 Volume	0	0	149	291	440		4 - 6 Volume	0	0	292	254	546		
7 - 9 Peak Hour			8:00	7:45	8:00		4 - 6 Peak Hour			16:45	16:00	16:15		
7 - 9 Pk Volume	0	0	82	166	247		4 - 6 Pk Volume	0	0	158	137	279		
Pk Hr Factor	0.000	0.000	0.603	0.865	0.772		Pk Hr Factor	0.000	0.000	0.806	0.835	0.872		

VOLUME
Fuerte Dr @ Fuerte Knolls Ln

Day: Tuesday
Date: 7/9/2024

City: El Cajon
Project #: CA24_040129_017

DAILY TOTALS					NB	SB						EB	WB	Total
					0	0						1,339	1,405	2,744
AM Period	NB	SB	EB	WB	TOTAL		PM Period	NB	SB	EB	WB	TOTAL		
0:00	0	0	3	1	4		12:00	0	0	23	12	35		
0:15	0	0	1	5	6		12:15	0	0	25	21	46		
0:30	0	0	2	1	3		12:30	0	0	25	26	51		
0:45	0	0	4	10	6	19	12:45	0	0	27	100	62	194	
1:00	0	0	3	1	4		13:00	0	0	28	15	43		
1:15	0	0	0	1	1		13:15	0	0	15	31	46		
1:30	0	0	2	0	2		13:30	0	0	20	23	43		
1:45	0	0	3	8	3	10	13:45	0	0	24	87	43	175	
2:00	0	0	3	0	3		14:00	0	0	22	21	43		
2:15	0	0	0	1	1		14:15	0	0	19	17	36		
2:30	0	0	0	0			14:30	0	0	26	16	42		
2:45	0	0	1	4	1	5	14:45	0	0	30	97	62	183	
3:00	0	0	0	1	1		15:00	0	0	34	21	55		
3:15	0	0	0	0			15:15	0	0	21	34	55		
3:30	0	0	0	0			15:30	0	0	26	24	50		
3:45	0	0	0	0		1	15:45	0	0	33	114	62	222	
4:00	0	0	0	0			16:00	0	0	25	37	62		
4:15	0	0	0	0			16:15	0	0	23	19	42		
4:30	0	0	1	2	3		16:30	0	0	25	28	53		
4:45	0	0	3	4	3	6	16:45	0	0	41	114	76	233	
5:00	0	0	0	4	4		17:00	0	0	25	26	51		
5:15	0	0	3	4	7		17:15	0	0	30	29	59		
5:30	0	0	5	1	6		17:30	0	0	21	31	52		
5:45	0	0	4	12	11	28	17:45	0	0	30	106	58	220	
6:00	0	0	2	8	10		18:00	0	0	21	20	41		
6:15	0	0	4	7	11		18:15	0	0	21	24	45		
6:30	0	0	8	11	19		18:30	0	0	19	21	40		
6:45	0	0	10	24	36	76	18:45	0	0	20	81	37	163	
7:00	0	0	13	12	25		19:00	0	0	17	23	40		
7:15	0	0	8	11	19		19:15	0	0	19	19	38		
7:30	0	0	12	21	33		19:30	0	0	14	19	33		
7:45	0	0	16	49	40	117	19:45	0	0	14	64	31	142	
8:00	0	0	17	22	39		20:00	0	0	12	11	23		
8:15	0	0	10	28	38		20:15	0	0	16	14	30		
8:30	0	0	13	23	36		20:30	0	0	20	14	34		
8:45	0	0	24	64	50	163	20:45	0	0	15	63	26	113	
9:00	0	0	33	32	65		21:00	0	0	16	12	28		
9:15	0	0	15	18	33		21:15	0	0	9	3	12		
9:30	0	0	23	19	42		21:30	0	0	7	12	19		
9:45	0	0	29	100	45	185	21:45	0	0	12	44	16	75	
10:00	0	0	14	24	38		22:00	0	0	14	6	20		
10:15	0	0	14	23	37		22:15	0	0	6	7	13		
10:30	0	0	21	25	46		22:30	0	0	6	8	14		
10:45	0	0	23	72	42	163	22:45	0	0	5	31	9	56	
11:00	0	0	24	30	54		23:00	0	0	5	3	8		
11:15	0	0	21	20	41		23:15	0	0	3	4	7		
11:30	0	0	19	17	36		23:30	0	0	3	0	3		
11:45	0	0	13	77	38	169	23:45	0	0	3	14	8	26	
TOTALS	424				518		TOTALS	915				887		1802
SPLIT %	45.0%				55.0%		SPLIT %	50.8%				49.2%		65.7%

DAILY TOTALS					NB	SB						EB	WB	Total
					0	0						1,339	1,405	2,744
AM Peak Hour			9:00	8:15	8:45		PM Peak Hour			16:30	15:15	16:30		
AM Pk Volume			100	109	190		PM Pk Volume			121	124	239		
Pk Hr Factor			0.758	0.852	0.731		Pk Hr Factor			0.738	0.838	0.786		
7 - 9 Volume	0	0	113	167	280		4 - 6 Volume	0	0	220	233	453		
7 - 9 Peak Hour			8:00	8:00	8:00		4 - 6 Peak Hour			16:30	16:45	16:30		
7 - 9 Pk Volume	0	0	64	99	163		4 - 6 Pk Volume	0	0	121	121	239		
Pk Hr Factor	0.000	0.000	0.667	0.884	0.815		Pk Hr Factor	0.000	0.000	0.738	0.864	0.786		



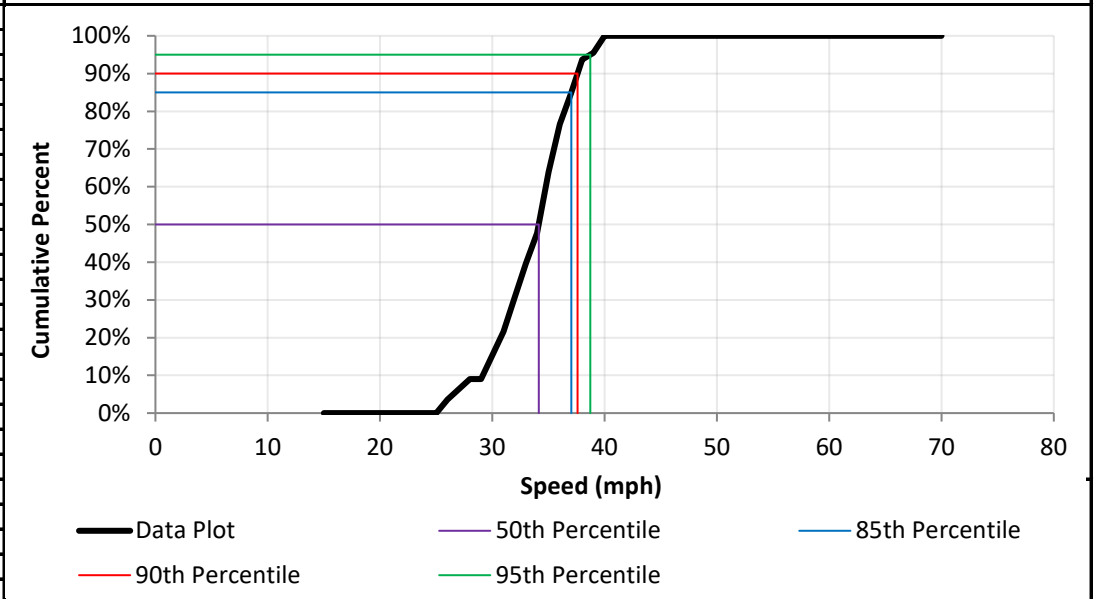
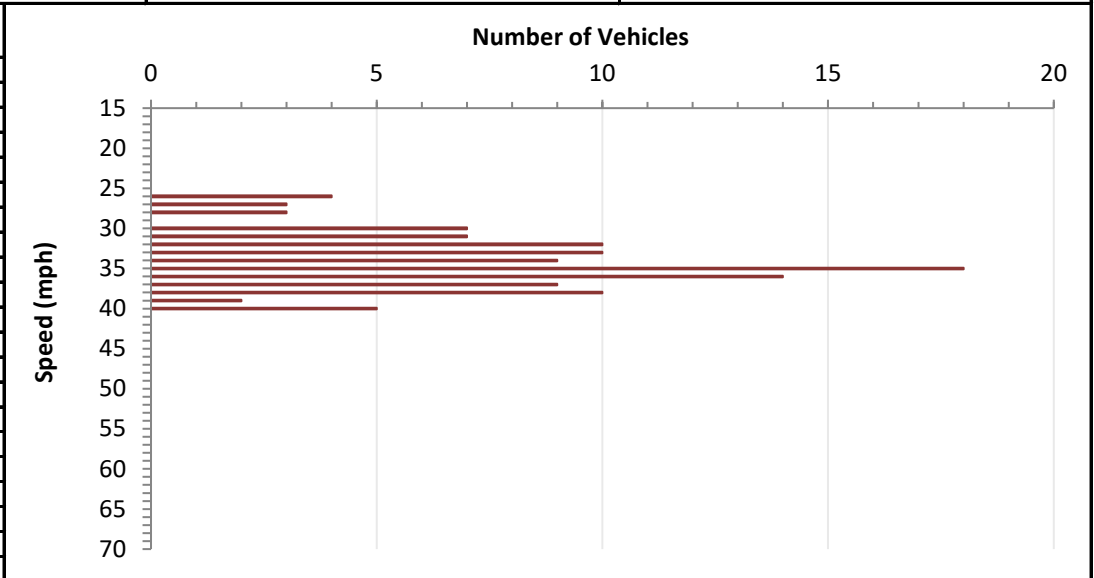
RADAR SPEED SURVEY

SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

Road Name:	Fuerte Dr	From:	La Mesa city limit	To:	Chase Av
Position:	540' W/o El Granito Av	Direction:	WB/EB		

Date:	7/16/2024	Weather:	Clear, Sunny	Project Number:	N/A
Time Start:	10:50 AM	Road Condition:	Dry	Observer:	Genevive
Time End:	11:14 AM	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	4	3.6%
27	3	6.3%
28	3	9.0%
29		
30	7	15.3%
31	7	21.6%
32	10	30.6%
33	10	39.6%
34	9	47.7%
35	18	64.0%
36	14	76.6%
37	9	84.7%
38	10	93.7%
39	2	95.5%
40	5	100.0%
41		
42		
43		
44		
45		
46		
47		
48		
49		
50		
51		
52		
53		
54		
55		
56		
57		
58		
59		
60		
61		
62		
63		
64		
65		
66		
67		
68		
69		
70		
Total	111	



DATA ANALYSIS

Average Speed	34.0	Range	26 - 40
50th Percentile	34.1	10 mph Pace	30 - 39
85th Percentile	37.0	Number in Pace	96
90th Percentile	37.6	Percent in Pace	86%
95th Percentile	38.7		



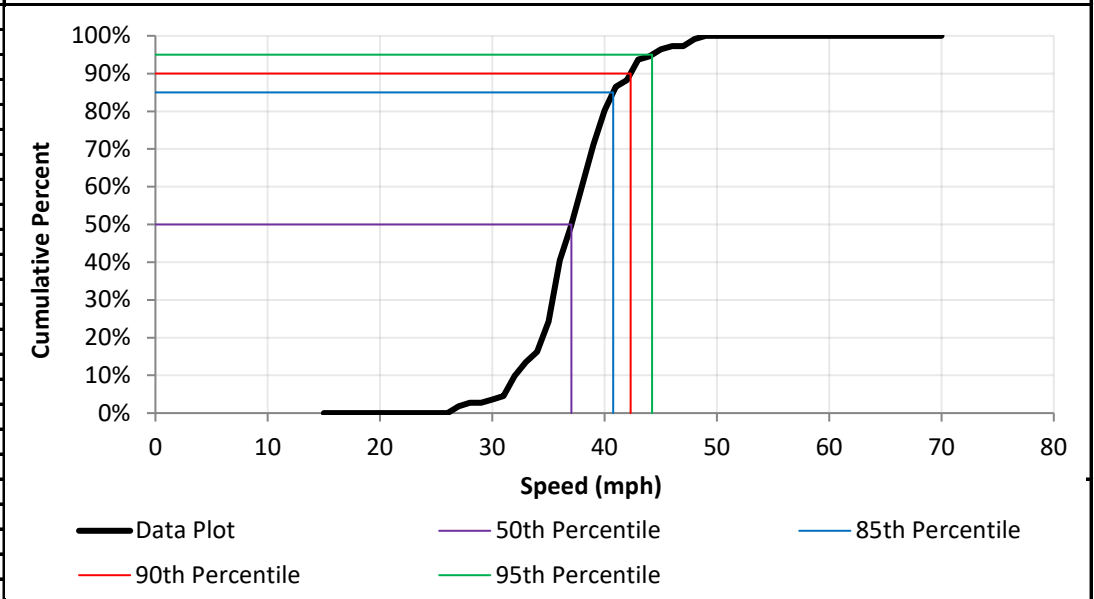
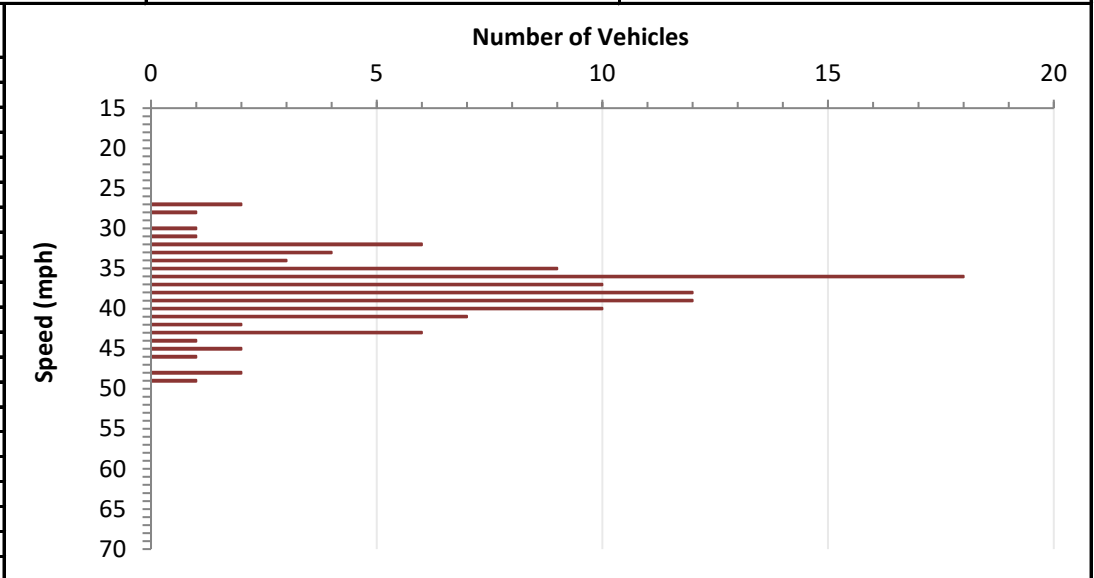
RADAR SPEED SURVEY

SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

Road Name:	Fuerte Dr	From: Mt Helix Dr	To: Bonnie Ln
Position:	440' W/o Vivera Dr	Direction:	WB/EB

Date:	7/16/2024	Weather:	Clear, Sunny	Project Number:	0
Time Start:	11:23 AM	Road Condition:	Dry	Observer:	Genevive
Time End:	11:39 AM	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	2	1.8%
28	1	2.7%
29		
30	1	3.6%
31	1	4.5%
32	6	9.9%
33	4	13.5%
34	3	16.2%
35	9	24.3%
36	18	40.5%
37	10	49.5%
38	12	60.4%
39	12	71.2%
40	10	80.2%
41	7	86.5%
42	2	88.3%
43	6	93.7%
44	1	94.6%
45	2	96.4%
46	1	97.3%
47		
48	2	99.1%
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	111	



DATA ANALYSIS

Average Speed	37.7	Range	27 - 49
50th Percentile	37.0	10 mph Pace	32 - 41
85th Percentile	40.8	Number in Pace	91
90th Percentile	42.3	Percent in Pace	82%
95th Percentile	44.2		



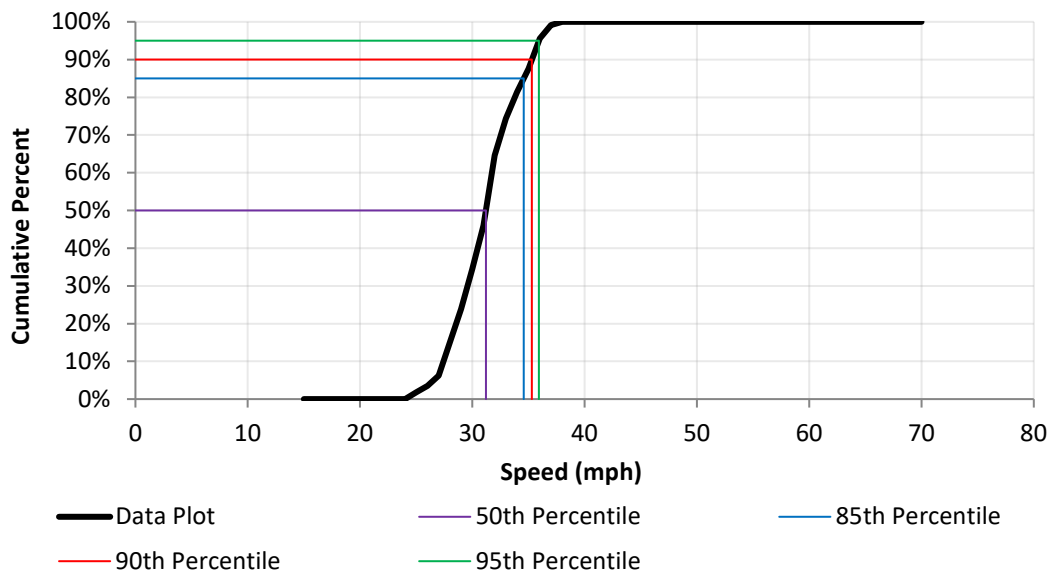
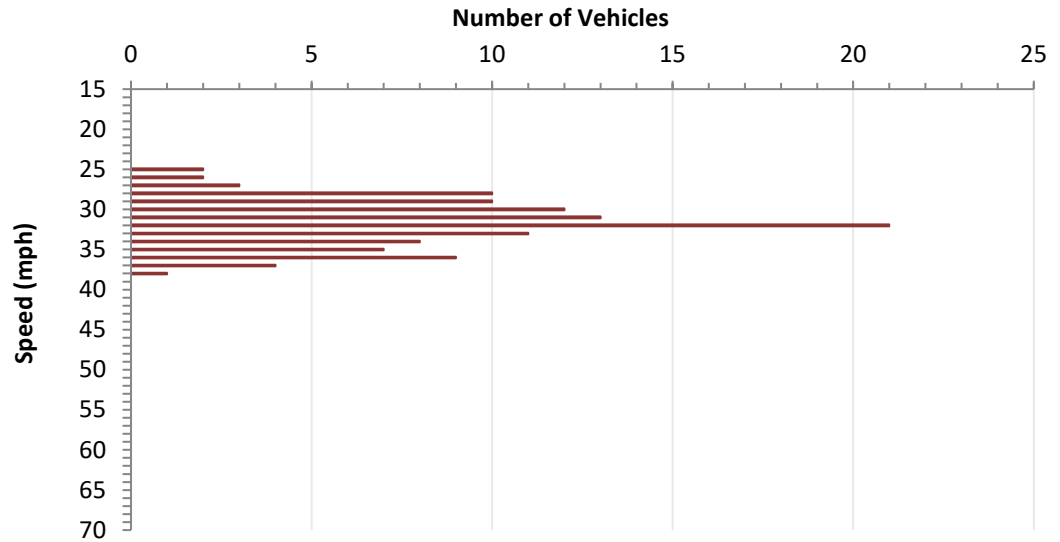
RADAR SPEED SURVEY

SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

Road Name:	Fuerte Dr	From: La Mesa C/L	To: Chase Av
Position:	260' E/o Calavo Dr	Direction:	WB/EB

Date:	7/11/2024	Weather:	Clear, Sunny	Project Number:	N/A
Time Start:	11:52 AM	Road Condition:	Dry	Observer:	County
Time End:	12:20 PM	Posted Speed:	MPH	Calibration Test:	Y

Speed (mph)	Num. Veh.	Cum. Pct.
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25	2	1.8%
26	2	3.5%
27	3	6.2%
28	10	15.0%
29	10	23.9%
30	12	34.5%
31	13	46.0%
32	21	64.6%
33	11	74.3%
34	8	81.4%
35	7	87.6%
36	9	95.6%
37	4	99.1%
38	1	100.0%
39		
40		
41		
42		
43		
44		
45		
46		
47		
48		
49		
50		
51		
52		
53		
54		
55		
56		
57		
58		
59		
60		
61		
62		
63		
64		
65		
66		
67		
68		
69		
70		
Total	113	



DATA ANALYSIS

Average Speed	31.7	Range	25 - 38
50th Percentile	31.2	10 mph Pace	28 - 37
85th Percentile	34.6	Number in Pace	105
90th Percentile	35.3	Percent in Pace	93%
95th Percentile	35.9		



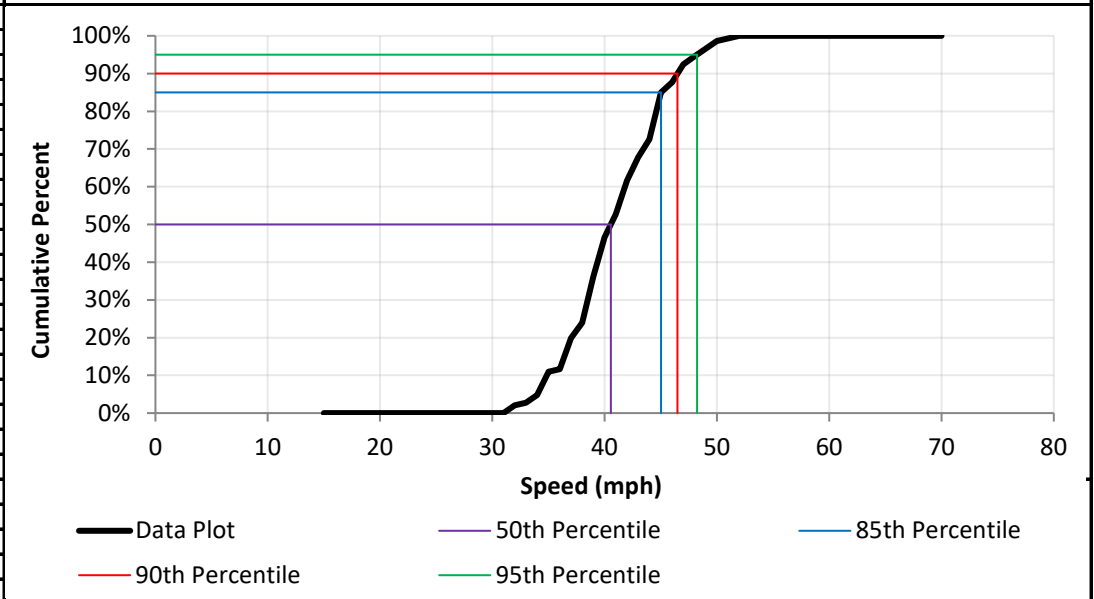
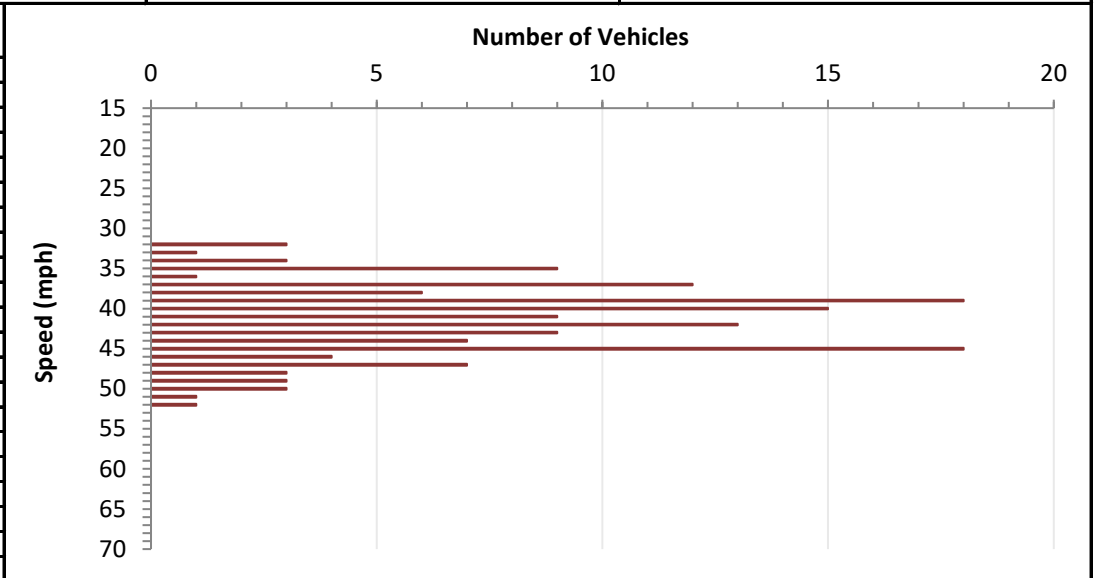
RADAR SPEED SURVEY

SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

Road Name:	Fuerte Dr	From:	La Mesa C/L	To:	Chase Av
Position:	170' E/o Fuerte Farms Rd	Direction:	EB / WB		

Date:	7/11/2024	Weather:	Clear	Project Number:	N/A
Time Start:	12:20 PM	Road Condition:	Dry	Observer:	County
Time End:	1:20 PM	Posted Speed:	35	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	3	2.1%
33	1	2.7%
34	3	4.8%
35	9	11.0%
36	1	11.6%
37	12	19.9%
38	6	24.0%
39	18	36.3%
40	15	46.6%
41	9	52.7%
42	13	61.6%
43	9	67.8%
44	7	72.6%
45	18	84.9%
46	4	87.7%
47	7	92.5%
48	3	94.5%
49	3	96.6%
50	3	98.6%
51	1	99.3%
52	1	100.0%
53		
54		
55		
56		
57		
58		
59		
60		
61		
62		
63		
64		
65		
66		
67		
68		
69		
70		
Total	146	



DATA ANALYSIS

Average Speed	41.3	Range	32 - 52
50th Percentile	40.6	10 mph Pace	37 - 46
85th Percentile	45.0	Number in Pace	111
90th Percentile	46.5	Percent in Pace	76%
95th Percentile	48.2		



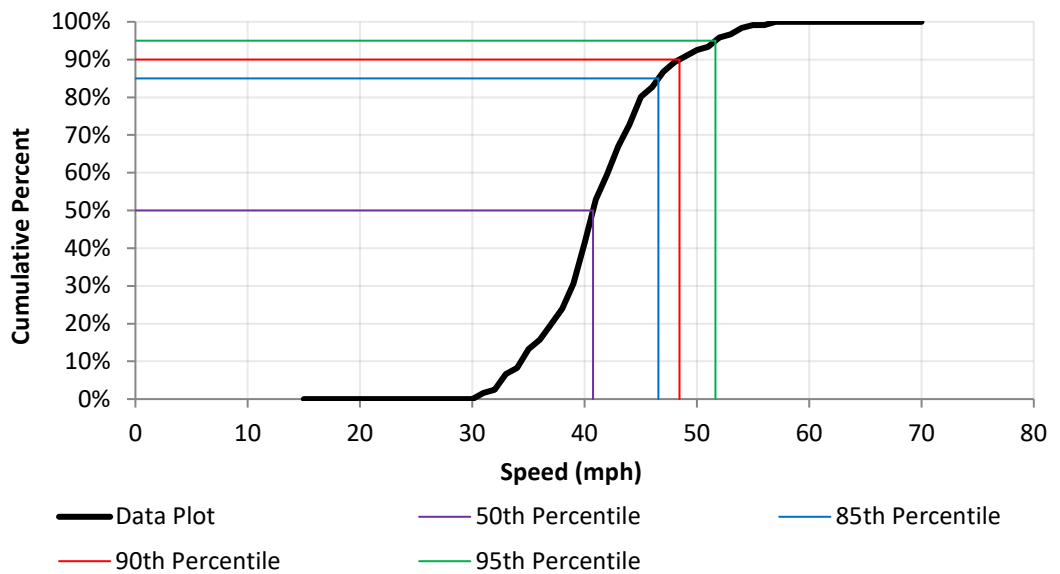
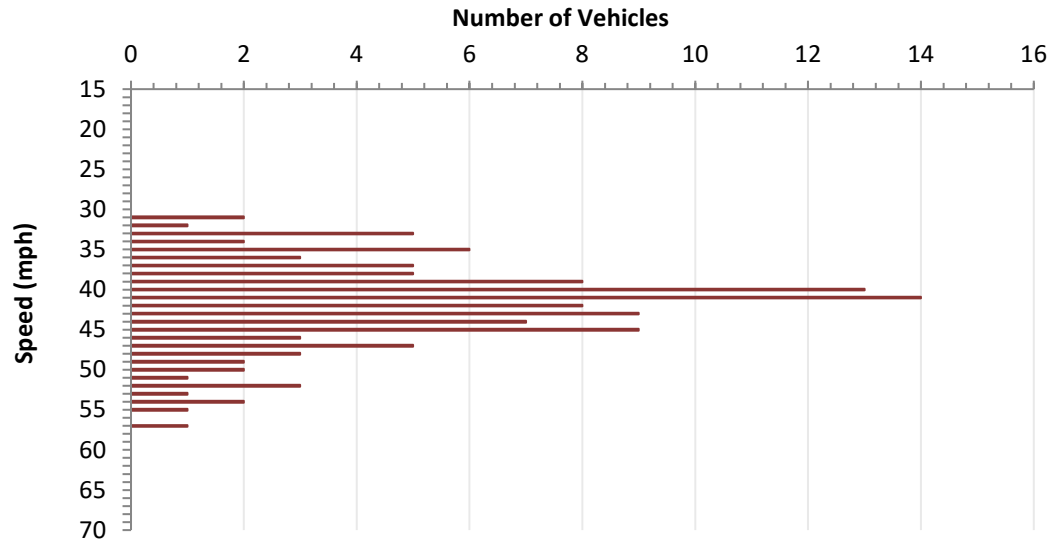
RADAR SPEED SURVEY

SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

Road Name:	Fuerte Dr	From: La Mesa C/L	To: Chase Av
Position:	450' NO Shadow Creek Ln	Direction:	NB / SB

Date:	7/11/2024	Weather:	Clear	Project Number:	N/A
Time Start:	10:20 AM	Road Condition:	Dry	Observer:	County
Time End:	11:20 AM	Posted Speed:	35	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	2	1.7%
32	1	2.5%
33	5	6.6%
34	2	8.3%
35	6	13.2%
36	3	15.7%
37	5	19.8%
38	5	24.0%
39	8	30.6%
40	13	41.3%
41	14	52.9%
42	8	59.5%
43	9	66.9%
44	7	72.7%
45	9	80.2%
46	3	82.6%
47	5	86.8%
48	3	89.3%
49	2	90.9%
50	2	92.6%
51	1	93.4%
52	3	95.9%
53	1	96.7%
54	2	98.3%
55	1	99.2%
56		
57	1	100.0%
58		
59		
60		
61		
62		
63		
64		
65		
66		
67		
68		
69		
70		
Total	121	



DATA ANALYSIS

Average Speed	41.8	Range	31 - 57
50th Percentile	40.8	10 mph Pace	36 - 45
85th Percentile	46.6	Number in Pace	81
90th Percentile	48.5	Percent in Pace	67%
95th Percentile	51.7		



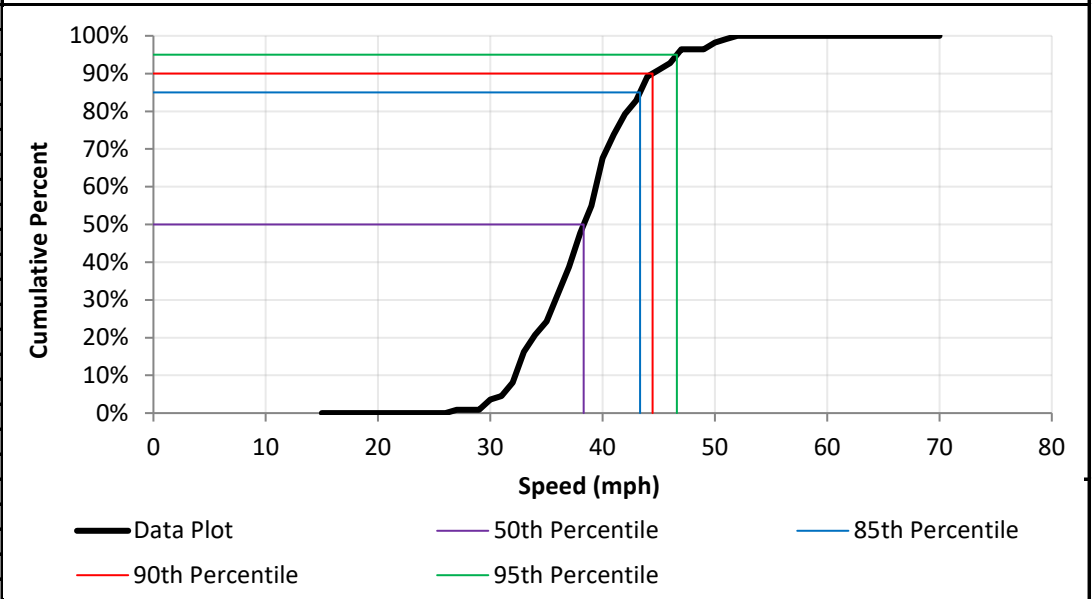
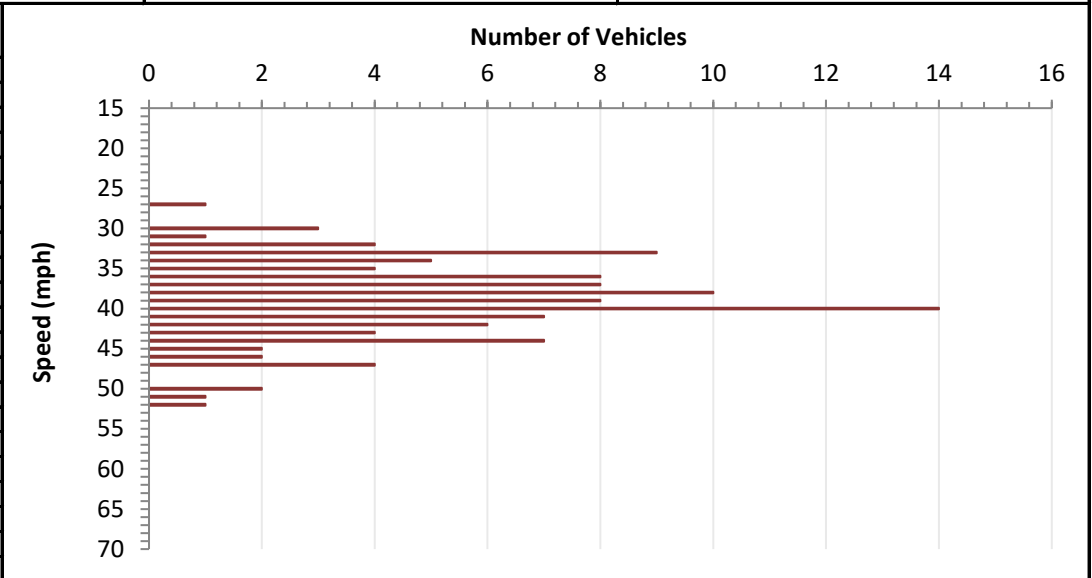
RADAR SPEED SURVEY

SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

Road Name:	Fuerte Dr	From: La Mesa C/L	To: Chase Av
Position:	360' EO Chase Ln	Direction:	EB / WB

Date:	7/11/2024	Weather:	Clear	Project Number:	N/A
Time Start:	9:08 AM	Road Condition:	Dry	Observer:	County
Time End:	10:10 AM	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	1	0.9%
28		
29		
30	3	3.6%
31	1	4.5%
32	4	8.1%
33	9	16.2%
34	5	20.7%
35	4	24.3%
36	8	31.5%
37	8	38.7%
38	10	47.7%
39	8	55.0%
40	14	67.6%
41	7	73.9%
42	6	79.3%
43	4	82.9%
44	7	89.2%
45	2	91.0%
46	2	92.8%
47	4	96.4%
48		
49		
50	2	98.2%
51	1	99.1%
52	1	100.0%
53		
54		
55		
56		
57		
58		
59		
60		
61		
62		
63		
64		
65		
66		
67		
68		
69		
70		
Total	111	



DATA ANALYSIS

Average Speed	38.8	Range	27 - 52
50th Percentile	38.3	10 mph Pace	33 - 42
85th Percentile	43.3	Number in Pace	79
90th Percentile	44.5	Percent in Pace	71%
95th Percentile	46.6		

SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE

COMMITTEE REPORT OF: August 2, 2024

Item 5-A

SUPERVISORIAL DISTRICT: 5

SUBJECT: Radar Certification

LOCATION: County maintained portions of Rock Springs Road from Escondido city limit (east of Montiel Road) to Bennett Avenue (a distance of 1.21 miles) ESCONDIDO

INITIATED BY: DPW Traffic Engineering

REQUEST: Radar Certification

PROBLEM AS STATED BY REQUESTER:

County maintained portions of Rock Springs Road from Escondido city limit to Bennett Avenue is currently posted with a 40 MPH speed limit. A preliminary review of prevailing speeds and roadway conditions could support radar certification the 40 MPH speed limit.

Existing Traffic Devices

Rock Springs Road is a striped 2-lane undivided highway that is 26 to 62 feet wide. The roadway is striped with a no passing centerline, two-way left turn lane, and white edgeline. Rock Springs Road is posted with stop and signal advisories, school signage, and object markers. The road is stop controlled at Rees Rd and is signalized at Nordahl Road. Rock Springs Road is currently classified as a Major Road on the County General Plan Mobility Element Network. The road is posted with a 40 MPH speed limit.

Average Daily Traffic Volumes

07/24

Rock Springs Road:	
75' E/o Rock Springs Hollow	5,889
50' W/o Vida's Circle	5,303
800' E/o Nordahl Road	5,360

<u>Speed Data</u>		<u>85th Percentile</u>	<u>10 MPH Pace</u>	<u>% in Pace</u>
Rock Springs Road:				
At Jackson Place	(2024)	42.4 MPH	33-42	62%
800' E/o Nordahl Road	(2024)	42.2 MPH	34-43	71%
Speed Zone:	(2024)	42.3 MPH	34-43	67%

Collision Data

There have been 8 reported collisions, 5 of which involved an injury, 1 of which involved a severe injury, along this segment of roadway in a 3-year (2021-01-01 to 2023-12-31)

This collision results in a segment accident rate of 1.10 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

Rock Springs Rd 75' E/O Rock Springs Hollow

Day: Thursday
Date: 7/11/2024

City: San Marcos
Project #: CA24_040129_004

DAILY TOTALS					NB	SB	EB					WB	Total
					0	0	2,871					3,018	5,889
AM Period	NB	SB	EB	WB	TOTAL		PM Period	NB	SB	EB	WB	TOTAL	
0:00	0	0	4	5	9		12:00	0	0	40	46	86	
0:15	0	0	4	3	7		12:15	0	0	44	38	82	
0:30	0	0	1	0	1		12:30	0	0	41	47	88	
0:45	0	0	0	9	6	23	12:45	0	0	38	163	83	339
1:00	0	0	5	3	8		13:00	0	0	36	40	76	
1:15	0	0	1	0	1		13:15	0	0	36	48	84	
1:30	0	0	1	0	1		13:30	0	0	45	48	93	
1:45	0	0	2	9	3	13	13:45	0	0	40	157	72	325
2:00	0	0	2	0	2		14:00	0	0	37	48	85	
2:15	0	0	0	1	1		14:15	0	0	52	49	101	
2:30	0	0	3	0	3		14:30	0	0	39	59	98	
2:45	0	0	0	5	1	7	14:45	0	0	66	194	126	410
3:00	0	0	0	0	0		15:00	0	0	48	79	127	
3:15	0	0	1	0	1		15:15	0	0	59	67	126	
3:30	0	0	1	1	2		15:30	0	0	57	65	122	
3:45	0	0	1	3	1	5	15:45	0	0	66	230	149	524
4:00	0	0	4	3	7		16:00	0	0	86	80	166	
4:15	0	0	6	1	7		16:15	0	0	87	68	155	
4:30	0	0	5	2	7		16:30	0	0	77	75	152	
4:45	0	0	4	19	6	27	16:45	0	0	92	342	170	643
5:00	0	0	2	7	9		17:00	0	0	72	73	145	
5:15	0	0	3	8	11		17:15	0	0	70	88	158	
5:30	0	0	11	13	24		17:30	0	0	66	68	134	
5:45	0	0	20	36	37	81	17:45	0	0	69	277	138	575
6:00	0	0	24	22	46		18:00	0	0	77	67	144	
6:15	0	0	23	31	54		18:15	0	0	52	66	118	
6:30	0	0	21	30	51		18:30	0	0	50	57	107	
6:45	0	0	21	89	48	199	18:45	0	0	25	204	69	438
7:00	0	0	33	37	70		19:00	0	0	38	30	68	
7:15	0	0	22	36	58		19:15	0	0	40	48	88	
7:30	0	0	27	32	59		19:30	0	0	40	44	84	
7:45	0	0	45	127	88	275	19:45	0	0	34	152	71	311
8:00	0	0	43	48	91		20:00	0	0	28	34	62	
8:15	0	0	39	35	74		20:15	0	0	28	31	59	
8:30	0	0	33	43	76		20:30	0	0	25	32	57	
8:45	0	0	42	157	79	320	20:45	0	0	24	105	44	222
9:00	0	0	46	33	79		21:00	0	0	17	18	35	
9:15	0	0	33	40	73		21:15	0	0	23	32	55	
9:30	0	0	25	34	59		21:30	0	0	11	18	29	
9:45	0	0	39	143	74	285	21:45	0	0	13	64	30	149
10:00	0	0	40	36	76		22:00	0	0	13	12	25	
10:15	0	0	34	32	66		22:15	0	0	10	9	19	
10:30	0	0	33	35	68		22:30	0	0	10	11	21	
10:45	0	0	39	146	69	279	22:45	0	0	8	41	17	82
11:00	0	0	41	31	72		23:00	0	0	5	7	12	
11:15	0	0	44	32	76		23:15	0	0	7	9	16	
11:30	0	0	39	49	88		23:30	0	0	12	3	15	
11:45	0	0	45	169	70	306	23:45	0	0	6	30	8	51
TOTALS	912				908	1820	TOTALS	1959				2110	4069
SPLIT %	50.1%				49.9%	30.9%	SPLIT %	48.1%				51.9%	69.1%

DAILY TOTALS				NB	SB	EBWB				Total							
				0	0					2,871	3,018	5,889					
AM Peak Hour				11:45	7:45	7:45	PM Peak Hour				16:00	16:30	16:00				
AM Pk Volume				170	169	329	PM Pk Volume				342	314	643				
Pk Hr Factor				0.944	0.880	0.904	Pk Hr Factor				0.929	0.892	0.946				
7 - 9 Volume	0	0	284	311	595	4 - 6 Volume	0	0	619	599	1218						
7 - 9 Peak Hour				7:45	7:45	7:45	4 - 6 Peak Hour				16:00	16:30	16:00				
7 - 9 Pk Volume				160	169	329	4 - 6 Pk Volume				342	314	643				
Pk Hr Factor				0.900	0.900	0.889	0.880	0.904	Pk Hr Factor				0.900	0.900	0.929	0.892	0.946

VOLUME
Rock Springs Rd 50' W/O Vida's Cir

Day: Thursday
Date: 7/11/2024

City: San Marcos
Project #: CA24_040129_003

DAILY TOTALS					NB	SB						EB	WB						Total
					0	0						2,452	2,851						5,303
AM Period	NB	SB	EB	WB	TOTAL		PM Period	NB	SB	EB	WB	TOTAL							TOTAL
0:00	0	0	3	7	10		12:00	0	0	42	35	77							77
0:15	0	0	0	2	2		12:15	0	0	39	42	81							81
0:30	0	0	1	4	5		12:30	0	0	28	36	64							64
0:45	0	0	1	5	6	23	12:45	0	0	37	146	81	303						303
1:00	0	0	4	1	5		13:00	0	0	41	42	83							83
1:15	0	0	1	1	2		13:15	0	0	28	46	74							74
1:30	0	0	0	0			13:30	0	0	32	45	77							77
1:45	0	0	1	6	2	9	13:45	0	0	36	137	75	309						309
2:00	0	0	1	1	2		14:00	0	0	31	51	82							82
2:15	0	0	0	0			14:15	0	0	52	51	103							103
2:30	0	0	4	0	4		14:30	0	0	38	56	94							94
2:45	0	0	2	7	2	8	14:45	0	0	58	179	126	405						405
3:00	0	0	1	0	1		15:00	0	0	42	81	123							123
3:15	0	0	1	0	1		15:15	0	0	34	64	98							98
3:30	0	0	3	1	4		15:30	0	0	47	62	109							109
3:45	0	0	1	6	1	7	15:45	0	0	50	173	141	471						471
4:00	0	0	2	2	4		16:00	0	0	55	90	145							145
4:15	0	0	2	1	3		16:15	0	0	67	78	145							145
4:30	0	0	11	2	13		16:30	0	0	52	77	129							129
4:45	0	0	4	19	6	26	16:45	0	0	60	234	141	560						560
5:00	0	0	7	3	10		17:00	0	0	58	76	134							134
5:15	0	0	7	2	9		17:15	0	0	51	92	143							143
5:30	0	0	10	9	19		17:30	0	0	45	86	131							131
5:45	0	0	20	44	31	69	17:45	0	0	49	203	115	523						523
6:00	0	0	23	14	37		18:00	0	0	54	67	121							121
6:15	0	0	26	21	47		18:15	0	0	50	65	115							115
6:30	0	0	31	20	51		18:30	0	0	38	63	101							101
6:45	0	0	21	101	42	177	18:45	0	0	27	169	77	414						414
7:00	0	0	36	21	57		19:00	0	0	31	35	66							66
7:15	0	0	31	24	55		19:15	0	0	29	44	73							73
7:30	0	0	26	27	53		19:30	0	0	27	43	70							70
7:45	0	0	51	144	72	237	19:45	0	0	38	125	77	286						286
8:00	0	0	49	24	73		20:00	0	0	18	29	47							47
8:15	0	0	36	27	63		20:15	0	0	28	38	66							66
8:30	0	0	39	32	71		20:30	0	0	19	26	45							45
8:45	0	0	47	171	76	283	20:45	0	0	10	75	33	191						191
9:00	0	0	38	21	59		21:00	0	0	11	27	38							27
9:15	0	0	29	32	61		21:15	0	0	16	32	48							32
9:30	0	0	31	33	64		21:30	0	0	10	19	29							19
9:45	0	0	30	128	52	236	21:45	0	0	11	48	29	144						48
10:00	0	0	42	26	68		22:00	0	0	5	19	24							19
10:15	0	0	31	24	55		22:15	0	0	2	10	12							10
10:30	0	0	32	35	67		22:30	0	0	5	13	18							13
10:45	0	0	34	139	66	256	22:45	0	0	5	17	10	64						17
11:00	0	0	39	28	67		23:00	0	0	3	7	10							7
11:15	0	0	37	23	60		23:15	0	0	6	9	15							9
11:30	0	0	39	29	68		23:30	0	0	5	3	8							3
11:45	0	0	43	158	68	263	23:45	0	0	4	18	6	39						18
TOTALS				928	666	1594	TOTALS				1524	2185	3709						
SPLIT %				58.2%	41.8%	30.1%	SPLIT %				41.1%	58.9%	69.9%						

DAILY TOTALS			NB	SB	EB			WB			Total
			0	0							2,452
AM Peak Hour			7:45	11:45	11:30	PM Peak Hour			16:15	15:45	15:45
AM Pk Volume			175	138	294	PM Pk Volume			237	336	560
Pk Hr Factor			0.858	0.821	0.907	Pk Hr Factor			0.884	0.923	0.966
7 - 9 Volume	0	0	315	205	520	4 - 6 Volume	0	0	437	646	1083
7 - 9 Peak Hour			7:45	8:00	8:00	4 - 6 Peak Hour			16:15	16:45	16:00
7 - 9 Pk Volume			175	112	283	4 - 6 Pk Volume			237	335	560
Pk Hr Factor			0.858	0.875	0.931	Pk Hr Factor			0.884	0.910	0.966

VOLUME

Rock Springs Rd 800' E/O Nordahl Rd

Day: Thursday
Date: 7/11/2024

City: Escondido
Project #: CA24_040129_005

DAILY TOTALS					NB	SB	EB					WB	Total	
					0	0	2,377					2,983	5,360	
AM Period	NB	SB	EB	WB	TOTAL		PM Period	NB	SB	EB	WB	TOTAL		
0:00	0	0	4	3	7		12:00	0	0	34	40	74		
0:15	0	0	0	1	1		12:15	0	0	36	48	84		
0:30	0	0	2	3	5		12:30	0	0	38	55	93		
0:45	0	0	1	7	4	11	12:45	0	0	37	145	45	188	
1:00	0	0	2	1	3		13:00	0	0	46	41	87		
1:15	0	0	2	2	4		13:15	0	0	30	51	81		
1:30	0	0	1	0	1		13:30	0	0	34	48	82		
1:45	0	0	1	6	1	4	13:45	0	0	33	143	50	190	
2:00	0	0	1	0	1		14:00	0	0	26	55	81		
2:15	0	0	0	0			14:15	0	0	51	50	101		
2:30	0	0	3	1	4		14:30	0	0	39	50	89		
2:45	0	0	5	9	0	1	14:45	0	0	43	159	53	208	
3:00	0	0	0	2	2		15:00	0	0	37	92	129		
3:15	0	0	0	0			15:15	0	0	42	81	123		
3:30	0	0	3	1	4		15:30	0	0	53	68	121		
3:45	0	0	0	3	2	5	15:45	0	0	60	192	79	320	
4:00	0	0	2	4	6		16:00	0	0	56	95	151		
4:15	0	0	2	0	2		16:15	0	0	65	77	142		
4:30	0	0	5	1	6		16:30	0	0	57	67	124		
4:45	0	0	5	14	1	6	16:45	0	0	61	239	83	322	
5:00	0	0	2	6	8		17:00	0	0	47	88	135		
5:15	0	0	4	5	9		17:15	0	0	50	83	133		
5:30	0	0	10	12	22		17:30	0	0	41	81	122		
5:45	0	0	13	29	14	37	17:45	0	0	42	180	77	329	
6:00	0	0	19	15	34		18:00	0	0	46	67	113		
6:15	0	0	29	22	51		18:15	0	0	38	77	115		
6:30	0	0	21	25	46		18:30	0	0	38	56	94		
6:45	0	0	20	89	22	84	18:45	0	0	35	157	32	232	
7:00	0	0	33	34	67		19:00	0	0	35	39	74		
7:15	0	0	35	27	62		19:15	0	0	24	47	71		
7:30	0	0	32	32	64		19:30	0	0	21	39	60		
7:45	0	0	56	156	26	119	19:45	0	0	30	110	30	155	
8:00	0	0	42	34	76		20:00	0	0	31	17	48		
8:15	0	0	41	29	70		20:15	0	0	28	33	61		
8:30	0	0	32	39	71		20:30	0	0	17	17	34		
8:45	0	0	43	158	29	131	20:45	0	0	13	89	22	89	
9:00	0	0	31	39	70		21:00	0	0	18	23	41		
9:15	0	0	31	29	60		21:15	0	0	20	24	44		
9:30	0	0	28	32	60		21:30	0	0	10	18	28		
9:45	0	0	33	123	35	135	21:45	0	0	12	60	17	82	
10:00	0	0	34	32	66		22:00	0	0	11	14	25		
10:15	0	0	27	31	58		22:15	0	0	3	7	10		
10:30	0	0	33	38	71		22:30	0	0	6	13	19		
10:45	0	0	33	127	37	138	22:45	0	0	5	25	1	35	
11:00	0	0	33	35	68		23:00	0	0	1	5	6		
11:15	0	0	34	43	77		23:15	0	0	1	8	9		
11:30	0	0	40	33	73		23:30	0	0	5	3	8		
11:45	0	0	38	145	33	144	23:45	0	0	5	12	2	18	
TOTALS	866				815	1681	TOTALS	1511				2168	3679	
SPLIT %	51.5%				48.5%	31.4%	SPLIT %	41.1%				58.9%	68.6%	

DAILY TOTALS			NB	SB	EB			WB			Total
			0	0							2,377
AM Peak Hour			7:30	11:45	11:45	PM Peak Hour			16:00	16:45	16:00
AM Pk Volume			171	176	322	PM Pk Volume			239	335	561
Pk Hr Factor			0.763	0.800	0.866	Pk Hr Factor			0.919	0.952	0.929
7 - 9 Volume	0	0	314	250	564	4 - 6 Volume	0	0	419	651	1070
7 - 9 Peak Hour			7:30	8:00	7:45	4 - 6 Peak Hour			16:00	16:45	16:00
7 - 9 Pk Volume	0	0	171	131	299	4 - 6 Pk Volume	0	0	239	335	561
Pk Hr Factor	0.000	0.000	0.763	0.840	0.912	Pk Hr Factor	0.000	0.000	0.919	0.952	0.929



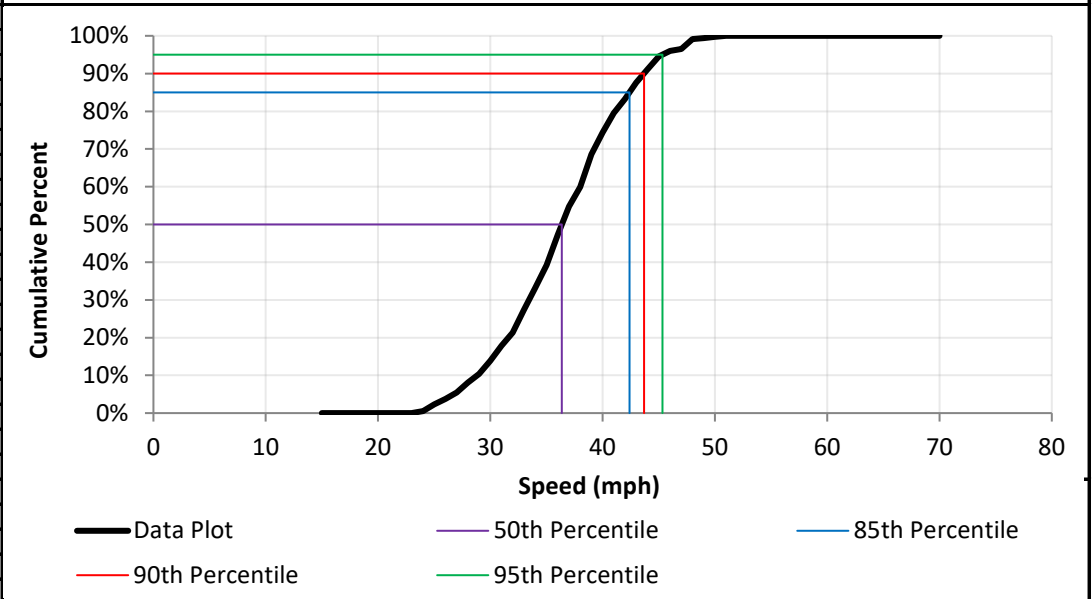
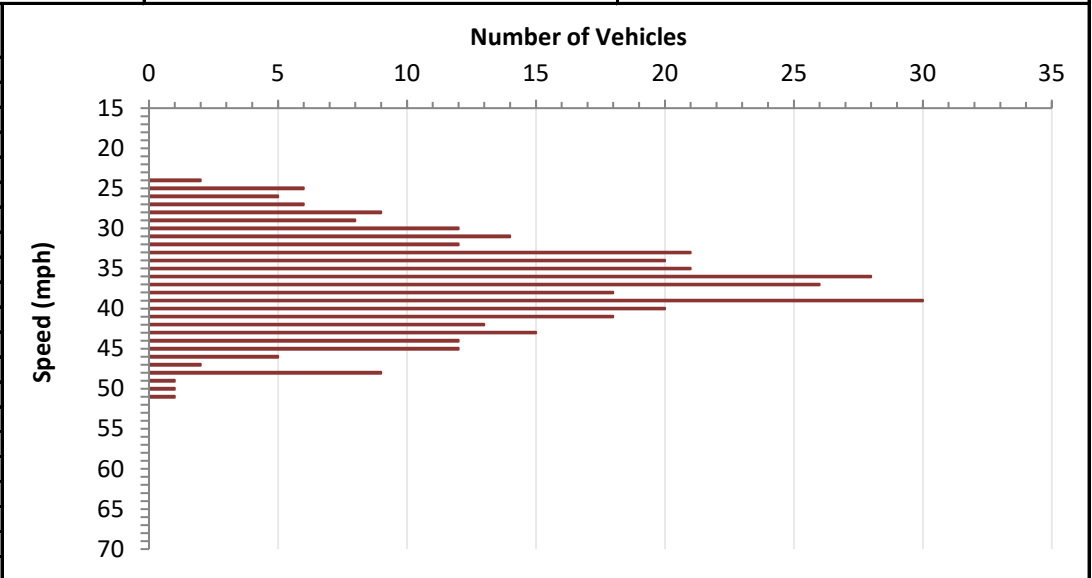
RADAR SPEED SURVEY

SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

Road Name:	Rock Springs Rd	From:	Nordahl Rd	To:	Bennett Av
Position:	at Jackson Pl	Direction:	EB/WB		

Date:	7/10/2024	Weather:	Clear	Project Number:	24-040-130-004
Time Start:	11:30 AM	Road Condition:	Dry	Observer:	Contractor
Time End:	1:30 PM	Posted Speed:	40 MPH	Calibration Test:	Y

Speed (mph)	Num. Veh.	Cum. Pct.
15		
16		
17		
18		
19		
20		
21		
22		
23		
24	2	0.6%
25	6	2.3%
26	5	3.7%
27	6	5.5%
28	9	8.1%
29	8	10.4%
30	12	13.8%
31	14	17.9%
32	12	21.3%
33	21	27.4%
34	20	33.1%
35	21	39.2%
36	28	47.3%
37	26	54.8%
38	18	59.9%
39	30	68.6%
40	20	74.4%
41	18	79.5%
42	13	83.3%
43	15	87.6%
44	12	91.1%
45	12	94.5%
46	5	96.0%
47	2	96.5%
48	9	99.1%
49	1	99.4%
50	1	99.7%
51	1	100.0%
52		
53		
54		
55		
56		
57		
58		
59		
60		
61		
62		
63		
64		
65		
66		
67		
68		
69		
70		
Total	347	



DATA ANALYSIS

Average Speed	36.9	Range	24 - 51
50th Percentile	36.4	10 mph Pace	33 - 42
85th Percentile	42.4	Number in Pace	215
90th Percentile	43.7	Percent in Pace	62%
95th Percentile	45.3		



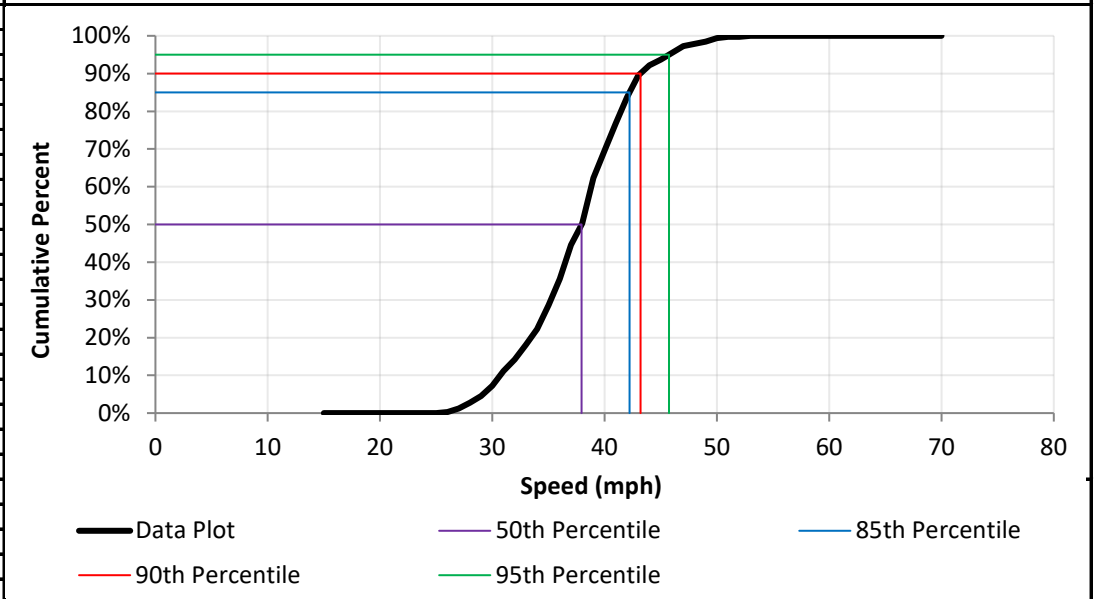
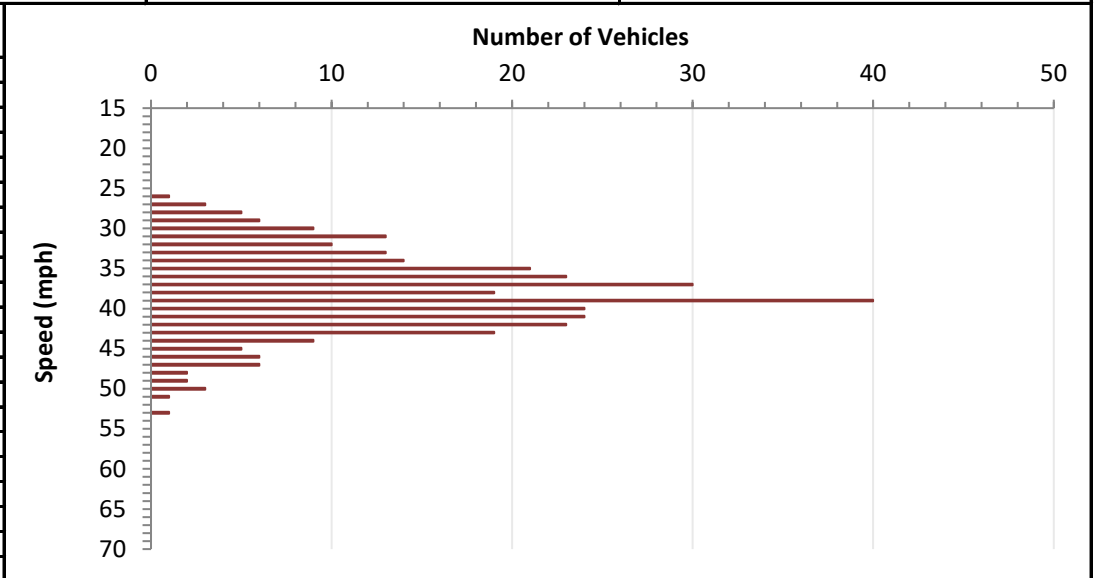
RADAR SPEED SURVEY

SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

Road Name:	Rock Springs Rd	From: Nordahl Rd	To: Escondido CL
Position:	800' E/o Nordahl Rd	Direction:	EB/WB

Date:	7/10/2024	Weather:	Clear	Project Number:	24-040-130-003
Time Start:	9:00 AM	Road Condition:	Dry	Observer:	Contractor
Time End:	11:00 AM	Posted Speed:	40 MPH	Calibration Test:	Y

Speed (mph)	Num. Veh.	Cum. Pct.
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		
26	1	0.3%
27	3	1.2%
28	5	2.7%
29	6	4.5%
30	9	7.2%
31	13	11.1%
32	10	14.2%
33	13	18.1%
34	14	22.3%
35	21	28.6%
36	23	35.5%
37	30	44.6%
38	19	50.3%
39	40	62.3%
40	24	69.6%
41	24	76.8%
42	23	83.7%
43	19	89.5%
44	9	92.2%
45	5	93.7%
46	6	95.5%
47	6	97.3%
48	2	97.9%
49	2	98.5%
50	3	99.4%
51	1	99.7%
52		
53	1	100.0%
54		
55		
56		
57		
58		
59		
60		
61		
62		
63		
64		
65		
66		
67		
68		
69		
70		
Total	332	



DATA ANALYSIS			
Average Speed	38.0	Range	26 - 53
50th Percentile	37.9	10 mph Pace	34 - 43
85th Percentile	42.2	Number in Pace	237
90th Percentile	43.2	Percent in Pace	71%
95th Percentile	45.7		