



## 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

March 26, 2024

TO: Community Planning/Sponsor Group Chairpersons

FROM: Secretary, Traffic Advisory Committee

### MEETING NOTICE

Attached is the preliminary agenda for the April 5, 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 April 5, 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

**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**

**April 5, 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**

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<b>SUBJECT</b>	<b>LOCATION</b>	<b>AREA/ COMMUNITY GROUP</b>
<b><u>SUPERVISORIAL DISTRICT 1</u></b>		
<b>1-A. INTERSECTION CONTROL</b>	<b>SWEETWATER ROAD &amp; SAINT GEORGE STREET</b>	<b>LA PRESA/ SPRING VALLEY CPG</b>
<b>1-B. INTERSECTION CONTROL</b>	<b>SWEETWATER ROAD &amp; ORVILLE STREET</b>	<b>LA PRESA/ SPRING VALLEY CPG</b>
<b><u>SUPERVISORIAL DISTRICT 2</u></b>		
<b>2-A. RADAR CERTIFICATION</b>	<b>CARMEL VALLEY ROAD WINECREEK ROAD TO DOVE CANYON ROAD</b>	<b>4S RANCH/ SAN DIEGUITO CPG</b>
<b><u>SUPERVISORIAL DISTRICT 3</u></b>		
<b>3-A. RADAR CERTIFICATION</b>	<b>PASEO DELICIAS / DEL DIOS HIGHWAY EL MONTEVIDEO TO 300' E/O LUNA DE MIEL</b>	<b>RANCHO SAN DIEGUITO/ SAN DIEGUITO CPG</b>
<b><u>SUPERVISORIAL DISTRICT 5</u></b>		
<b>5-A. RADAR CERTIFICATION</b>	<b>HUTCHINSON ST HARRIS DRIVE TO OSBORNE STREET</b>	<b>NORTH VISTA/ BONSALL CSG</b>

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

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

# Sweetwater Road & Saint George Street



**SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE**

**COMMITTEE REPORT OF:** April 5, 2024 **Item 1-A**

**SUPERVISORIAL DISTRICT:** 1

**SUBJECT:** Intersection Control

**LOCATION:** Sweetwater Road and Saint George Street, SPRING VALLEY

**INITIATED BY:** DPW Traffic Engineering

**REQUEST:** Traffic Control Signal

**PROBLEM AS STATED BY REQUESTER:**

The intersection of Sweetwater Road and Saint George Street has been identified by Traffic Engineering as meeting 5 warrants – 1, eight hour vehicular volume warrant, 2, four hour vehicular volume warrant, 3, peak hour warrant, 7, crash experience warrant, and 8, roadway network warrant – of the 9 traffic signal warrants as described in the California Manual on Uniform Traffic Control Devices (CA MUTCD), Chapter 4C, therefore a traffic control signal should be considered.

**Existing Traffic Devices**

Sweetwater Road is a striped four-lane undivided highway with 72-foot pavement width. The roadway is striped with lane lines, bike lanes, and a two-way left turn lane. The road has a left turn lane at the intersection with Saint George Street. Sweetwater Road is classified as a Major Road on the County General Plan Mobility Element Network. The road has a posted 45 MPH Radar Enforced speed limit.

Saint George Street is a striped two-lane road with a 36-foot pavement width. The roadway is striped with a no passing centerline. The road is stop controlled in the east-bound direction at Sweetwater Road. It is unclassified on the County General Plan Mobility Element Network. The road has no posted speed limit.

**Average Daily Traffic Volumes**

**07/22**

Sweetwater Road:

N/o Saint George Street	7,564 SB
S/o Saint George Street	10,119 NB

Saint George Street:

E/o Sweetwater Rd	2,444 WB
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**Collision Data**

There have been 13 reported collisions, 5 of which involved injury within a past 5-year period (02-01-2021 to 01-31-2024). These collisions produced an intersection accident rate of 0.59 collisions per million vehicles entering the intersection. The statewide average

of similar four-legged intersections with stop & yield signs (excluding all-way) is 0.22 collision per million vehicles entering the intersection.



**PUBLIC WORKS**

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

**WILLIAM P. MORGAN, P.E.**  
INTERIM DIRECTOR

## **COUNTY TRAFFIC ENGINEER RECOMMENDATION**

Date: March 18, 2024  
Item Title: Traffic Control Signal  
Location: Sweetwater Road and St George Street, La Presa  
CTE Recommendation: **Place Intersection on the DPW Traffic Signal List**

Conditions:

- Section 21351 of the California Vehicle Code (CVC) authorizes a local agency to place and maintain or cause to be placed and maintained traffic signs, signals and other traffic control devices upon streets and highways within their jurisdiction as may be necessary to warn and guide traffic.
- Chapter 4C “Traffic Control Signal Needs Studies” of the California Manual on Uniform Traffic Control Devices (MUTCD), provides guidance for the preparation of an engineering study of traffic conditions to determine whether a traffic control signal is justified.
- The intersection total approach ADT is 20,127 vehicles/day.
- During the period of February 1, 2021, to January 31, 2024, there were 13 collisions at the intersection. These collisions resulted in an intersection accident rate of 0.590 vs the statewide average for similar intersections of 0.22 collision per million vehicles entering.
- An engineering study following Chapter 4C of the California MUTCD guidelines, shows that the subject intersection meets the Eight Hour Vehicular Volume Warrant, Four Hour Vehicular Volume Warrant, Peak Hour Warrant, Crash Experience Warrant, and Roadway Network Warrant based on the intersection traffic conditions. Hence, a traffic signal control can be considered for the intersection of Sweetwater Road and St George Street.

- As the County Traffic Engineer, it is recommended to place the intersection of Sweetwater Road and St George Street on the DPW traffic signal list pursuant to Section 21351 of the CVC and the engineering study (warrant analysis), dated June 20, 2023.

A handwritten signature in black ink that reads "Michael L. Kenney". The signature is written in a cursive style with a long, sweeping tail on the final letter.

Michael L. Kenney, TE 2045 & CE 56661

March 21, 2024

Date

# VOLUME

## Sweetwater Rd & St George St

Day: Tuesday  
Date: 6/20/2023

City: Spring Valley  
Project #: CA23\_040126\_008

DAILY TOTALS					NB	SB	EB	WB	Total						
					10,119	7,564	0	2,444	20,127						
AM Period	NB	SB	EB	WB	TOTAL	PM Period	NB	SB	EB	WB	TOTAL				
0:00	26	19		0	45	12:00	141	113		46	300				
0:15	26	26		4	56	12:15	162	139		42	343				
0:30	24	17		0	41	12:30	174	114		49	337				
0:45	27	103	18	80	2	6	12:45	165	642	111	477	51	188	327	1307
1:00	14	14		4	32	13:00	147	112		50	309				
1:15	12	11		1	24	13:15	185	102		45	332				
1:30	20	10		0	30	13:30	173	139		37	349				
1:45	11	57	13	48	0	5	13:45	168	673	111	464	34	166	313	1303
2:00	12	10		1	23	14:00	156	117		43	316				
2:15	10	9		2	21	14:15	168	112		39	319				
2:30	10	11		3	24	14:30	167	140		46	353				
2:45	10	42	9	39	0	6	14:45	177	668	119	488	49	177	345	1333
3:00	9	3		2	14	15:00	178	115		46	339				
3:15	9	6		3	18	15:15	173	135		44	352				
3:30	10	5		3	18	15:30	203	138		41	382				
3:45	17	45	15	29	1	9	15:45	200	754	134	522	43	174	377	1450
4:00	17	13		1	31	16:00	178	134		48	360				
4:15	17	12		4	33	16:15	175	137		46	358				
4:30	24	9		7	40	16:30	158	114		36	308				
4:45	16	74	7	41	6	18	16:45	167	678	144	529	47	177	358	1384
5:00	35	22		5	62	17:00	174	140		35	349				
5:15	32	14		8	54	17:15	195	141		46	382				
5:30	44	13		13	70	17:30	200	135		52	387				
5:45	51	162	34	83	19	45	17:45	170	739	142	558	41	174	353	1471
6:00	75	35		8	118	18:00	193	146		49	388				
6:15	92	33		18	143	18:15	158	138		45	341				
6:30	69	40		21	130	18:30	168	114		41	323				
6:45	107	343	38	146	28	75	18:45	151	670	123	521	39	174	313	1365
7:00	117	48		16	181	19:00	139	115		55	309				
7:15	138	79		22	239	19:15	145	105		41	291				
7:30	138	59		19	216	19:30	136	100		46	282				
7:45	168	561	66	252	21	78	19:45	144	564	92	412	36	178	272	1154
8:00	107	85		21	213	20:00	131	105		39	275				
8:15	122	94		18	234	20:15	154	89		42	285				
8:30	123	83		24	230	20:30	123	98		40	261				
8:45	101	453	91	353	31	94	20:45	134	542	91	383	44	165	269	1090
9:00	116	81		20	217	21:00	108	80		35	223				
9:15	124	77		12	213	21:15	84	108		21	213				
9:30	124	83		34	241	21:30	56	111		30	197				
9:45	135	499	92	333	27	93	21:45	59	307	115	414	25	111	199	832
10:00	143	92		30	265	22:00	67	102		14	183				
10:15	148	96		33	277	22:15	70	83		20	173				
10:30	135	111		33	279	22:30	52	93		11	156				
10:45	152	578	97	396	28	124	22:45	32	221	60	338	4	49	96	608
11:00	157	116		31	304	23:00	38	58		4	100				
11:15	162	120		43	325	23:15	30	49		4	83				
11:30	153	105		35	293	23:30	28	41		3	72				
11:45	160	632	124	465	34	143	23:45	16	112	45	193	4	15	65	320
<b>TOTALS</b>	<b>3549</b>	<b>2265</b>		<b>696</b>	<b>6510</b>	<b>TOTALS</b>	<b>6570</b>	<b>5299</b>		<b>1748</b>	<b>13617</b>				
<b>SPLIT %</b>	<b>54.5%</b>	<b>34.8%</b>		<b>10.7%</b>	<b>32.3%</b>	<b>SPLIT %</b>	<b>48.2%</b>	<b>38.9%</b>		<b>12.8%</b>	<b>67.7%</b>				

DAILY TOTALS					NB	SB	EB	WB	Total
					10,119	7,564	0	2,444	20,127

AM Peak Hour	11:45	11:45	11:45	11:45	PM Peak Hour	17:15	17:15	12:30	17:15		
AM Pk Volume	637	490	171	1298	PM Pk Volume	758	564	195	1510		
Pk Hr Factor	0.915	0.881	0.872	0.946	Pk Hr Factor	0.948	0.966	0.956	0.973		
7 - 9 Volume	1014	605	0	172	1791	4 - 6 Volume	1417	1087	0	351	2855
7 - 9 Peak Hour	7:00	8:00	8:00	7:45	4 - 6 Peak Hour	17:00	16:45	16:45	16:45		
7 - 9 Pk Volume	561	353	0	94	932	4 - 6 Pk Volume	739	560	0	180	1476
Pk Hr Factor	0.835	0.939	0.000	0.758	0.914	Pk Hr Factor	0.924	0.972	0.000	0.865	0.953



# Sweetwater Road & Orville Street



**SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE**

**COMMITTEE REPORT OF:** April 5, 2024 **Item 1-B**

**SUPERVISORIAL DISTRICT:** 1

**SUBJECT:** Intersection Control

**LOCATION:** Sweetwater Road and Orville Street, SPRING VALLEY

**INITIATED BY:** DPW Traffic Engineering

**REQUEST:** Traffic Control Signal

**PROBLEM AS STATED BY REQUESTER:**

The intersection of Sweetwater Road and Orville Street has been identified by Traffic Engineering as meeting 5 warrants – 1, eight hour vehicular volume warrant, 2, four hour vehicular volume warrant, 3, peak hour warrant, 7, crash experience warrant, and 8, roadway network warrant – of the 9 traffic signal warrants as described in the California Manual on Uniform Traffic Control Devices (CA MUTCD), Chapter 4C, therefore a traffic control signal should be considered.

**Existing Traffic Devices**

Sweetwater Road is a striped four-lane undivided highway with 72-foot pavement width. The roadway is striped with lane lines, bike lanes, and a two-way left turn lane. The road has a left turn lane at the intersection with Orville Street. Sweetwater Road is classified as a Major Road on the County General Plan Mobility Element Network. The road has a posted 45 MPH Radar Enforced speed limit.

Orville Street is a striped two-lane road with a 36-foot pavement width. The roadway is striped with a no passing centerline. The road is stop controlled in the east-bound direction at Sweetwater Road. It is unclassified on the County General Plan Mobility Element Network. The road has no posted speed limit.

<b><u>Average Daily Traffic Volumes</u></b>	<b><u>07/22</u></b>
Sweetwater Road:	
N/o Saint George Street	7,533 SB
S/o Saint George Street	9,622 NB
Saint George Street:	
E/o Sweetwater Rd	1,286 WB

**Collision Data**

There have been 8 reported collisions, 5 of which involved injury within a past 5-year period (02-01-2021 to 01-31-2024). These collisions produced an intersection accident rate of 0.40 collisions per million vehicles entering the intersection. The statewide average of similar four-legged intersections with stop & yield signs (excluding all-way) is 0.22

Sweetwater Road  
& Orville Street

2

Item 1-B

collision per million vehicles entering the intersection.



**PUBLIC WORKS**

**WILLIAM P. MORGAN, P.E.**  
INTERIM DIRECTOR

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

## **COUNTY TRAFFIC ENGINEER RECOMMENDATION**

Date: March 18, 2024  
Item Title: Traffic Control Signal  
Location: Sweetwater Road and Orville Street, La Presa  
CTE Recommendation: **Place Intersection on the DPW Traffic Signal List**

Conditions:

- Section 21351 of the California Vehicle Code (CVC) authorizes a local agency to place and maintain or cause to be placed and maintained traffic signs, signals and other traffic control devices upon streets and highways within their jurisdiction as may be necessary to warn and guide traffic.
- Chapter 4C “Traffic Control Signal Needs Studies” of the California Manual on Uniform Traffic Control Devices (MUTCD), provides guidance for the preparation of an engineering study of traffic conditions to determine whether a traffic control signal is justified.
- The intersection total approach ADT is 18,441 vehicles/day.
- During the period of February 1, 2021, to January 31, 2024, there were 8 collisions at the intersection. These collisions resulted in an intersection accident rate of 0.396 vs the statewide average for similar intersections of 0.22 collision per million vehicles entering.
- An engineering study following Chapter 4C of the California MUTCD guidelines, shows that the subject intersection meets the Eight Hour Vehicular Volume Warrant, Four Hour Vehicular Volume Warrant, Peak Hour Warrant, Crash Experience Warrant, and Roadway Network Warrant based on the intersection traffic conditions. Hence, a traffic signal control can be considered for the intersection of Sweetwater Road and Orville Street.

- As the County Traffic Engineer, it is recommended to place the intersection of Sweetwater Road and Orville Street on the DPW traffic signal list pursuant to Section 21351 of the CVC and the engineering study (warrant analysis), dated June 20, 2023.



Michael L. Kenney, TE 2045 & CE 56661

March 21, 2024

Date

# VOLUME

Sweetwater Rd & Orville St

Day: Tuesday  
Date: 6/20/2023

City: Spring Valley  
Project #: CA23\_040126\_005

DAILY TOTALS					NB	SB	EB	WB	Total
					9,622	7,533	0	1,286	18,441

AM Period	NB	SB	EB	WB	TOTAL	PM Period	NB	SB	EB	WB	TOTAL					
0:00	26	18		2	46	12:00	135	117		20	272					
0:15	30	26		1	57	12:15	142	128		19	289					
0:30	23	17		1	41	12:30	181	120		10	311					
0:45	22	101	15	76	8	12	153	611	114	479	22	71	289	1161		
1:00	12	13		2	27	13:00	145	111		17	273					
1:15	13	7		0	20	13:15	167	101		22	290					
1:30	20	9		2	31	13:30	166	139		17	322					
1:45	11	56	12	41	1	5	24	102	167	645	115	466	15	71	297	1182
2:00	8	8		3	19	14:00	155	129		19	303					
2:15	9	9		3	21	14:15	164	132		20	316					
2:30	9	11		1	21	14:30	165	142		22	329					
2:45	12	38	9	37	2	9	23	84	171	655	124	527	24	85	319	1267
3:00	5	3		3	11	15:00	168	119		24	311					
3:15	6	7		4	17	15:15	163	124		19	306					
3:30	10	7		2	19	15:30	199	131		21	351					
3:45	14	35	14	31	4	13	32	79	197	727	127	501	26	90	350	1318
4:00	13	7		4	24	16:00	184	137		19	340					
4:15	12	12		6	30	16:15	171	131		19	321					
4:30	21	7		4	32	16:30	156	116		24	296					
4:45	16	62	9	35	3	17	28	114	156	667	139	523	17	79	312	1269
5:00	31	19		7	57	17:00	181	139		16	336					
5:15	23	17		6	46	17:15	199	140		16	355					
5:30	42	13		5	60	17:30	183	124		31	338					
5:45	49	145	30	79	12	30	91	254	176	739	139	542	17	80	332	1361
6:00	66	37		10	113	18:00	185	140		28	353					
6:15	83	32		12	127	18:15	146	136		24	306					
6:30	65	44		11	120	18:30	177	116		17	310					
6:45	96	310	44	157	14	47	154	514	141	649	126	518	25	94	292	1261
7:00	112	47		13	172	19:00	132	120		19	271					
7:15	120	72		19	211	19:15	133	110		16	259					
7:30	130	51		21	202	19:30	135	110		18	263					
7:45	155	517	72	242	29	82	256	841	130	530	92	432	17	70	239	1032
8:00	101	86		12	199	20:00	130	101		15	246					
8:15	116	92		10	218	20:15	148	84		21	253					
8:30	105	74		18	197	20:30	116	108		18	242					
8:45	97	419	91	343	16	56	204	818	124	518	103	396	16	70	243	984
9:00	110	81		13	204	21:00	101	77		17	195					
9:15	106	71		25	202	21:15	79	108		11	198					
9:30	117	89		12	218	21:30	48	105		14	167					
9:45	129	462	90	331	12	62	231	855	56	284	104	394	14	56	174	734
10:00	133	90		21	244	22:00	69	101		9	179					
10:15	134	96		17	247	22:15	62	79		5	146					
10:30	130	113		11	254	22:30	51	90		5	146					
10:45	145	542	101	400	14	63	260	1005	32	214	57	327	5	24	94	565
11:00	144	123		24	291	23:00	37	53		4	94					
11:15	153	122		17	292	23:15	29	47		6	82					
11:30	136	108		23	267	23:30	28	41		1	70					
11:45	154	587	121	474	23	87	298	1148	15	109	41	182	2	13	58	304
<b>TOTALS</b>	3274		2246		483	<b>6003</b>	<b>TOTALS</b>	6348	5287	803	<b>12438</b>					
<b>SPLIT %</b>	54.5%		37.4%		8.0%	<b>32.6%</b>	<b>SPLIT %</b>	51.0%	42.5%	6.5%	<b>67.4%</b>					

DAILY TOTALS					NB	SB	EB	WB	Total
					9,622	7,533	0	1,286	18,441

AM Peak Hour	11:45	11:45	11:00	11:45	PM Peak Hour	15:30	17:15	17:30	17:15		
AM Pk Volume	612	486	87	1170	PM Pk Volume	751	543	100	1378		
Pk Hr Factor	0.845	0.949	0.906	0.941	Pk Hr Factor	0.943	0.970	0.806	0.970		
7 - 9 Volume	936	585	0	138	1659	4 - 6 Volume	1406	1065	0	159	2630
7 - 9 Peak Hour	7:00	8:00	7:00	7:30	4 - 6 Peak Hour	17:00	16:45	16:45	17:00		
7 - 9 Pk Volume	517	343	0	82	875	4 - 6 Pk Volume	739	542	0	80	1361
Pk Hr Factor	0.834	0.932	0.000	0.707	0.854	Pk Hr Factor	0.928	0.968	0.000	0.645	0.958

# Carmel Valley Road

Winecreek Road to Dove Canyon Road (0.29 miles)



2-A. Radar Certification



**SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE**

**COMMITTEE REPORT OF:** April 5, 2024 **Item 2-A**

**SUPERVISORIAL DISTRICT:** 2

**SUBJECT:** Radar Certification

**LOCATION:** Carmel Valley Road from Winecreek Road to Dove Canyon Road (a distance of 0.29 miles) 4S RANCH

**INITIATED BY:** DPW Traffic Engineering

**REQUEST:** Radar Recertification

**PROBLEM AS STATED BY REQUESTER:**

Carmel Valley Road from Winecreek Road to Dove Canyon Road is currently posted with a 50 MPH speed limit. A preliminary review of prevailing speeds and roadway conditions could support radar certification a 50 MPH speed limit.

**Existing Traffic Devices**

Carmel Valley Road is a striped 5-lane divided highway that is 72 to 76 feet wide. The roadway is striped with a lane lines, turn pockets, intermediate parking lanes, and bike lanes. Carmel Valley Road is posted with a multiple intersection advisories and school zone signage. The road is signalized at the intersections with Dove Canyon Road and Winecreek Road. Carmel Valley Road is currently classified as a Prime Arterial on the County General Plan Mobility Element Network. Carmel Valley Road is posted with a 50 MPH radar enforced speed limit.

**Average Daily Traffic Volumes**

	<b><u>01/24</u></b>	<b><u>11/15</u></b>
Carmel Valley Road:		
75' S/o Winesprings Drive	19,911	16,110

**Speed Data**

	<b><u>85th Percentile</u></b>	<b><u>10 MPH Pace</u></b>	<b><u>% in Pace</u></b>
Carmel Valley Road:			
75' S/o Winesprings Drive	(2023) 53.7 MPH	45-54	76%

**Collision Data**

There have been no reported collisions along this segment of roadway in a 3-year (2020-11-01 to 2023-10-31).



**VOLUME**

Carmel Valley Rd 75' S/O Winesprings Dr

Day: Tuesday  
 Date: 1/16/2024

City: San Diego  
 Project #: CA24\_040243\_016

DAILY TOTALS					NB	SB	EB	WB	Total		
					11,008	8,903	0	0	19,911		
AM Period	NB	SB	EB	WB	TOTAL	PM Period	NB	SB	EB	WB	TOTAL
00:00	4	4	0	0	8	12:00	133	90	0	0	223
00:15	5	5	0	0	10	12:15	118	108	0	0	226
00:30	4	3	0	0	7	12:30	135	130	0	0	265
00:45	2	15	3	15	5	12:45	122	508	103	431	225
01:00	2	5	0	0	7	13:00	147	103	0	0	250
01:15	4	1	0	0	5	13:15	117	80	0	0	197
01:30	2	1	0	0	3	13:30	137	130	0	0	267
01:45	0	8	1	8	1	13:45	142	543	169	482	311
02:00	0	0	0	0	0	14:00	169	158	0	0	327
02:15	1	4	0	0	5	14:15	170	232	0	0	402
02:30	1	0	0	0	1	14:30	167	184	0	0	351
02:45	1	3	2	6	3	14:45	369	875	187	761	556
03:00	3	1	0	0	4	15:00	318	158	0	0	476
03:15	7	1	0	0	8	15:15	257	122	0	0	379
03:30	2	1	0	0	3	15:30	284	169	0	0	453
03:45	3	15	2	5	5	15:45	272	1131	173	622	445
04:00	3	7	0	0	10	16:00	373	178	0	0	551
04:15	7	8	0	0	15	16:15	339	149	0	0	488
04:30	11	10	0	0	21	16:30	273	179	0	0	452
04:45	11	32	11	36	22	16:45	347	1332	163	669	510
05:00	21	14	0	0	35	17:00	303	196	0	0	499
05:15	13	19	0	0	32	17:15	319	200	0	0	519
05:30	20	27	0	0	47	17:30	300	218	0	0	518
05:45	44	98	26	86	70	17:45	257	1179	187	801	444
06:00	35	50	0	0	85	18:00	205	151	0	0	356
06:15	38	45	0	0	83	18:15	196	151	0	0	347
06:30	57	67	0	0	124	18:30	151	150	0	0	301
06:45	84	214	108	270	192	18:45	165	717	131	583	296
07:00	90	153	0	0	243	19:00	153	117	0	0	270
07:15	110	225	0	0	335	19:15	107	112	0	0	219
07:30	258	273	0	0	531	19:30	107	75	0	0	182
07:45	347	805	251	902	598	19:45	98	465	80	384	178
08:00	329	212	0	0	541	20:00	116	82	0	0	198
08:15	226	198	0	0	424	20:15	83	73	0	0	156
08:30	200	222	0	0	422	20:30	83	63	0	0	146
08:45	192	947	209	841	401	20:45	56	338	57	275	113
09:00	174	202	0	0	376	21:00	34	41	0	0	75
09:15	137	151	0	0	288	21:15	47	34	0	0	81
09:30	133	146	0	0	279	21:30	45	59	0	0	104
09:45	125	569	107	606	232	21:45	33	159	48	182	81
10:00	129	121	0	0	250	22:00	29	38	0	0	67
10:15	101	99	0	0	200	22:15	25	18	0	0	43
10:30	135	111	0	0	246	22:30	14	18	0	0	32
10:45	110	475	90	421	200	22:45	16	84	9	83	25
11:00	114	91	0	0	205	23:00	7	7	0	0	14
11:15	105	103	0	0	208	23:15	14	4	0	0	18
11:30	109	102	0	0	211	23:30	11	5	0	0	16
11:45	126	454	117	413	243	23:45	10	42	5	21	15
<b>TOTALS</b>	<b>3635</b>	<b>3609</b>			<b>7244</b>	<b>TOTALS</b>	<b>7373</b>	<b>5294</b>			<b>12667</b>
<b>SPLIT %</b>	<b>50.2%</b>	<b>49.8%</b>			<b>36.4%</b>	<b>SPLIT %</b>	<b>58.2%</b>	<b>41.8%</b>			<b>63.6%</b>

DAILY TOTALS					NB	SB	EB	WB	Total
					11,008	8,903	0	0	19,911
AM Peak Hour	07:30	07:15		07:30	PM Peak Hour	16:00	17:00		16:45
AM Pk Volume	1160	961		2094	PM Pk Volume	1332	801		2046
Pk Hr Factor	0.836	0.880		0.875	Pk Hr Factor	0.893	0.919		0.986
7 - 9 Volume	1752	1743	0	3495	4 - 6 Volume	2511	1470	0	3981
7 - 9 Peak Hour	07:30	07:15		07:30	4 - 6 Peak Hour	16:00	17:00		16:45
7 - 9 Pk Volume	1160	961	0	2094	4 - 6 Pk Volume	1332	801	0	2046
Pk Hr Factor	0.836	0.880	0.000	0.875	Pk Hr Factor	0.893	0.919	0.000	0.986



## RADAR SPEED SURVEY

### SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

**Road Name:** Carmel Valley Rd    **From:** Dove Canyon Rd    **To:** Winecreek Rd

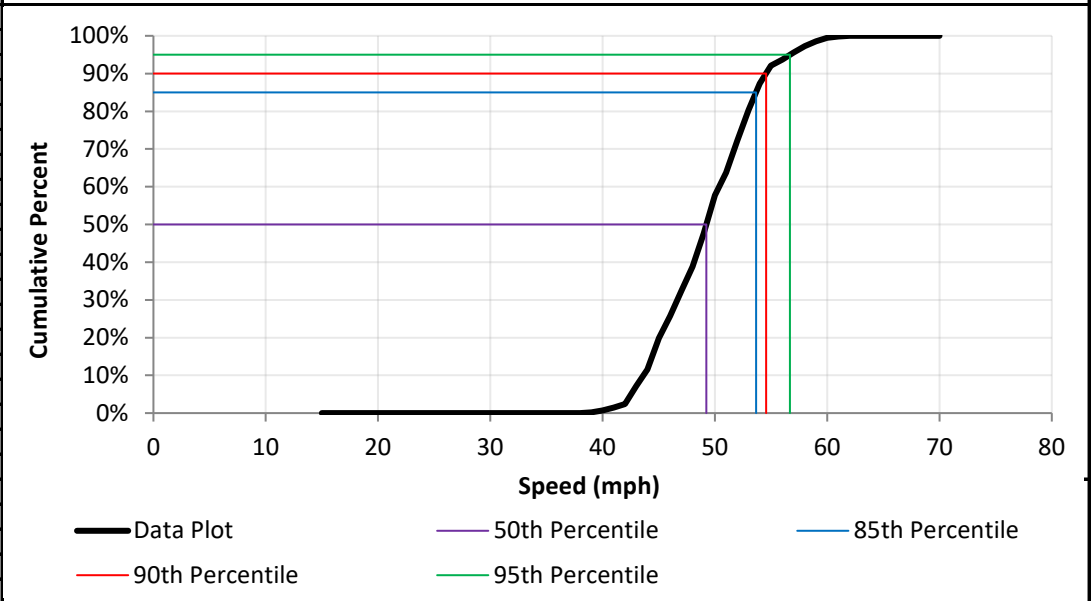
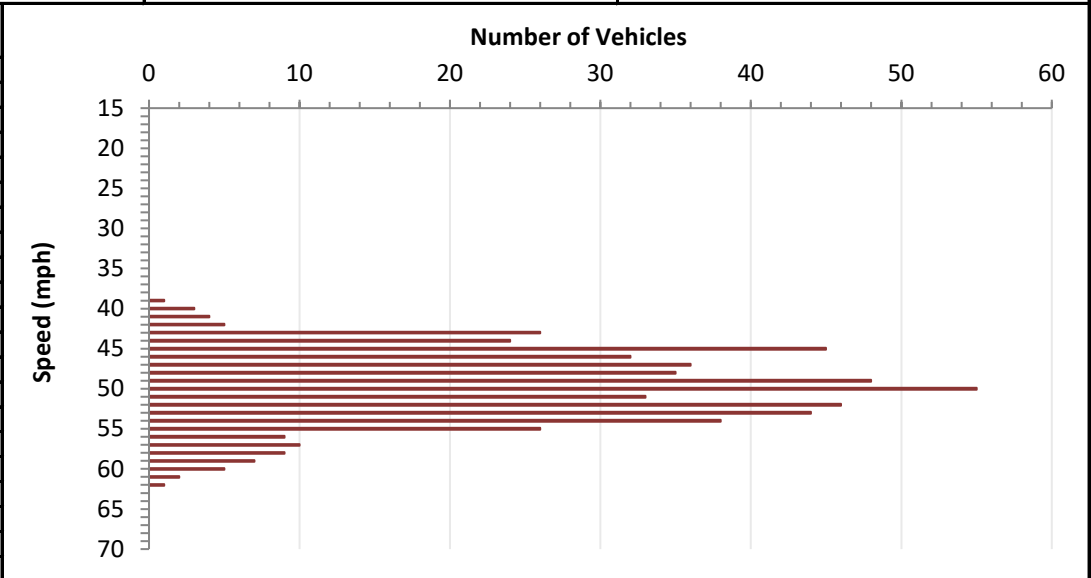
**Position:** 75' S/o Winesprings Dr    **Direction:** EB/WB

**Date:** 12/5/2023    **Weather:** Clear    **Project Number:** 23-040244-016

**Time Start:** 12:30 PM    **Road Condition:** Dry    **Observer:** Contractor

**Time End:** 2:30 PM    **Posted Speed:** 50 MPH    **Calibration Test:** Y

Speed (mph)	Num. Veh.	Cum. Pct.
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		
26		
27		
28		
29		
30		
31		
32		
33		
34		
35		
36		
37		
38		
39	1	0.2%
40	3	0.7%
41	4	1.5%
42	5	2.4%
43	26	7.2%
44	24	11.6%
45	45	19.9%
46	32	25.7%
47	36	32.4%
48	35	38.8%
49	48	47.6%
50	55	57.7%
51	33	63.8%
52	46	72.2%
53	44	80.3%
54	38	87.3%
55	26	92.1%
56	9	93.8%
57	10	95.6%
58	9	97.2%
59	7	98.5%
60	5	99.4%
61	2	99.8%
62	1	100.0%
63		
64		
65		
66		
67		
68		
69		
70		
Total	544	

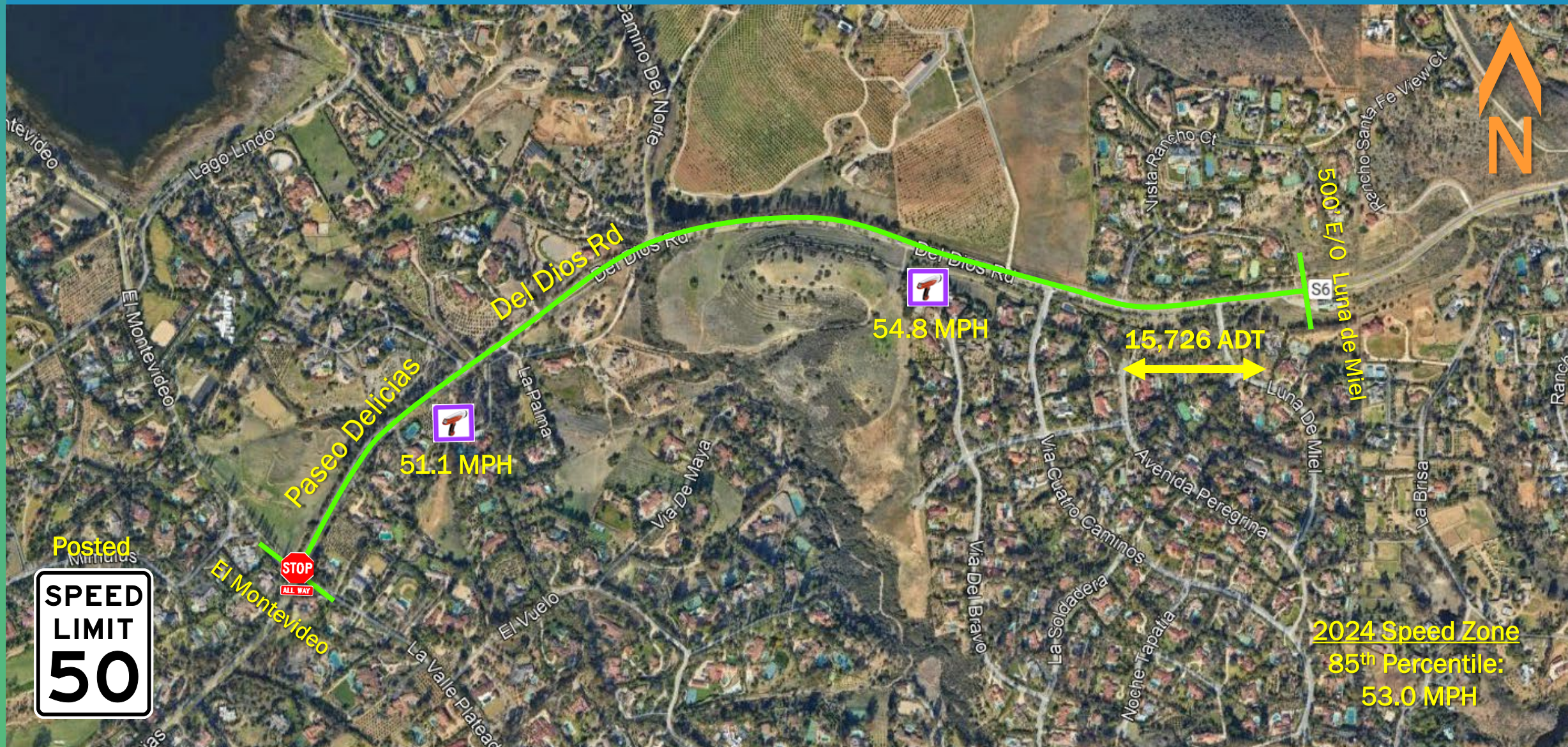


#### DATA ANALYSIS

Average Speed	49.7	Range	39 - 62
50th Percentile	49.2	10 mph Pace	45 - 54
85th Percentile	53.7	Number in Pace	412
90th Percentile	54.6	Percent in Pace	76%
95th Percentile	56.7		

# Paseo Delicias / Del Dios Highway

El Montevideo to 500' E/o Luna de Miel (1.33 miles)



**SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE**

**COMMITTEE REPORT OF:** April 5, 2024 **Item 3-A**

**SUPERVISORIAL DISTRICT:** 3

**SUBJECT:** Radar Certification

**LOCATION:** Paseo Delicias/Del Dios Highway from El Montevideo to 500' east of Luna de Miel (a distance of 1.33 miles)  
SAN DIEGUITO

**INITIATED BY:** DPW Traffic Engineering

**REQUEST:** Radar Certification

**PROBLEM AS STATED BY REQUESTER:**

Paseo Delicias/Del Dios Highway from El Montevideo to 500' east of Luna de Miel is currently posted with a 50 MPH speed limit. A preliminary review of prevailing speeds and roadway conditions could support radar certification the 50 MPH speed limit.

**Existing Traffic Devices**

Paseo Delicias/Del Dios Highway is a striped 2-lane undivided highway that is 40 to 64 feet wide. The roadway is striped with a no passing centerline and bike lanes. There are several turn pockets and acceleration lanes. Paseo Delicias/Del Dios Highway is posted with a rockslide advisory and multiple intersection advisories. Paseo Delicias from El Montevideo to El Camino del Norte is currently classified as a Light Collector on the County General Plan Mobility Element Network. Del Dios Highway from El Camino del Norte to 500' east of Luna de Miel is currently classified as a Community Collector on the County General Plan Mobility Element Network. Paseo Delicias/Del Dios Highway is posted with a 50 MPH radar enforced speed limit.

<b><u>Average Daily Traffic Volumes</u></b>	<b><u>12/23</u></b>	<b><u>11/23</u></b>
Paseo Delicias:		
500' W/o Loma de Caballo	14,829	

Del Dios Highway:		
800' W/o Via Cuatro Caminos		15,726

<b><u>Speed Data</u></b>		<b><u>85th Percentile</u></b>	<b><u>10 MPH Pace</u></b>	<b><u>% in Pace</u></b>
Paseo Delicias:				
500' W/o Loma de Caballo	(2023)	51.1 MPH	43-52	75%
Del Dios Highway:				
800' W/o Via Cuatro Caminos	(2023)	54.8 MPH	47-56	83%

Paseo Delicias/  
Del Dios Highway

2

Item 3-A

Speed Zone

(2023) 53.0 MPH

45-54

79%

**Collision Data**

There have been 7 reported collisions, 3 of which included an injury, along this segment of roadway in a 3-year (2020-11-01 to 2023-10-31) These collisions result in a segment accident rate of 0.32 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**

Paseo Delicias 500' W/O Loma de Caballo

Day: Wednesday  
 Date: 12/6/2023

City: Rancho Santa Fe  
 Project #: CA23\_040243\_012

DAILY TOTALS						NB	SB	EB	WB	Total					
						0	0	8,042	6,787	14,829					
AM Period	NB	SB	EB	WB	TOTAL	PM Period	NB	SB	EB	WB	TOTAL				
00:00	0	0	11	5	16	12:00	0	0	114	104	218				
00:15	0	0	11	5	16	12:15	0	0	118	97	215				
00:30	0	0	13	2	15	12:30	0	0	110	110	220				
00:45	0	0	7	42	2	14	12:45	0	0	148	490	95	406	243	896
01:00	0	0	6	1	7	13:00	0	0	122	85	207				
01:15	0	0	9	6	15	13:15	0	0	143	86	229				
01:30	0	0	2	5	7	13:30	0	0	145	106	251				
01:45	0	0	3	20	4	16	13:45	0	0	145	555	119	396	264	951
02:00	0	0	4	4	8	14:00	0	0	183	103	286				
02:15	0	0	3	3	6	14:15	0	0	199	107	306				
02:30	0	0	2	2	4	14:30	0	0	202	111	313				
02:45	0	0	1	10	1	10	14:45	0	0	203	787	92	413	295	1200
03:00	0	0	3	2	5	15:00	0	0	221	96	317				
03:15	0	0	1	0	1	15:15	0	0	272	94	366				
03:30	0	0	1	3	4	15:30	0	0	244	113	357				
03:45	0	0	4	9	7	12	15:45	0	0	247	984	91	394	338	1378
04:00	0	0	1	4	5	16:00	0	0	211	97	308				
04:15	0	0	1	7	8	16:15	0	0	206	110	316				
04:30	0	0	9	17	26	16:30	0	0	230	108	338				
04:45	0	0	5	16	22	50	16:45	0	0	220	867	96	411	316	1278
05:00	0	0	3	20	23	17:00	0	0	216	110	326				
05:15	0	0	5	50	55	17:15	0	0	190	94	284				
05:30	0	0	14	41	55	17:30	0	0	204	87	291				
05:45	0	0	14	36	90	201	17:45	0	0	176	786	84	375	260	1161
06:00	0	0	21	82	103	18:00	0	0	139	62	201				
06:15	0	0	28	129	157	18:15	0	0	124	45	169				
06:30	0	0	34	209	243	18:30	0	0	105	60	165				
06:45	0	0	55	138	201	621	18:45	0	0	71	439	55	222	126	661
07:00	0	0	71	149	220	19:00	0	0	76	48	124				
07:15	0	0	62	128	190	19:15	0	0	84	30	114				
07:30	0	0	43	107	150	19:30	0	0	66	33	99				
07:45	0	0	73	249	136	520	19:45	0	0	60	286	36	147	96	433
08:00	0	0	82	181	263	20:00	0	0	46	34	80				
08:15	0	0	96	140	236	20:15	0	0	35	30	65				
08:30	0	0	95	148	243	20:30	0	0	50	41	91				
08:45	0	0	75	348	151	620	20:45	0	0	78	209	29	134	107	343
09:00	0	0	89	140	229	21:00	0	0	94	33	127				
09:15	0	0	81	148	229	21:15	0	0	95	35	130				
09:30	0	0	74	175	249	21:30	0	0	84	39	123				
09:45	0	0	76	320	137	600	21:45	0	0	66	339	30	137	96	476
10:00	0	0	97	118	215	22:00	0	0	55	19	74				
10:15	0	0	107	119	226	22:15	0	0	52	36	88				
10:30	0	0	110	140	250	22:30	0	0	38	18	56				
10:45	0	0	74	388	123	500	22:45	0	0	53	198	19	92	72	290
11:00	0	0	84	104	188	23:00	0	0	34	12	46				
11:15	0	0	88	131	219	23:15	0	0	44	9	53				
11:30	0	0	91	112	203	23:30	0	0	36	12	48				
11:45	0	0	124	387	107	454	23:45	0	0	25	139	9	42	34	181
<b>TOTALS</b>			1963	3618	5581	<b>TOTALS</b>			6079	3169	9248				
<b>SPLIT %</b>			35.2%	64.8%	37.6%	<b>SPLIT %</b>			65.7%	34.3%	62.4%				

DAILY TOTALS						NB	SB	EB	WB	Total	
						0	0	8,042	6,787	14,829	
AM Peak Hour			11:45	06:15	08:00	PM Peak Hour			15:00	13:45	15:00
AM Pk Volume			466	688	968	PM Pk Volume			984	440	1378
Pk Hr Factor			0.940	0.823	0.920	Pk Hr Factor			0.904	0.924	0.941
7 - 9 Volume	0	0	597	1140	1737	4 - 6 Volume	0	0	1653	786	2439
7 - 9 Peak Hour			08:00	08:00	08:00	4 - 6 Peak Hour			16:15	16:15	16:15
7 - 9 Pk Volume	0	0	348	620	968	4 - 6 Pk Volume	0	0	872	424	1296
Pk Hr Factor	0.000	0.000	0.906	0.856	0.920	Pk Hr Factor	0.000	0.000	0.948	0.964	0.959

**VOLUME**

Del Dios Rd 800' W/O Via Cuatro Caminos

Day: Thursday  
 Date: 11/30/2023

City: Rancho Santa Fe  
 Project #: CA23\_040243\_011

DAILY TOTALS						NB	SB	EB	WB	Total				
						0	0	7,818	7,908	15,726				
AM Period	NB	SB	EB	WB	TOTAL	PM Period	NB	SB	EB	WB	TOTAL			
00:00	0	0	5	3	8	12:00	0	0	148	92	240			
00:15	0	0	1	4	5	12:15	0	0	173	106	279			
00:30	0	0	3	1	4	12:30	0	0	184	99	283			
00:45	0	0	2	11	1	12:45	0	0	120	625	93	213	1015	
01:00	0	0	6	4	10	13:00	0	0	132	112	244			
01:15	0	0	3	3	6	13:15	0	0	123	94	217			
01:30	0	0	1	1	2	13:30	0	0	141	107	248			
01:45	0	0	3	13	1	13:45	0	0	113	509	106	419	219	928
02:00	0	0	2	1	3	14:00	0	0	162	93	255			
02:15	0	0	2	2	4	14:15	0	0	180	90	270			
02:30	0	0	0	1	1	14:30	0	0	194	104	298			
02:45	0	0	2	6	3	14:45	0	0	208	744	117	404	325	1148
03:00	0	0	1	2	3	15:00	0	0	246	96	342			
03:15	0	0	0	1	1	15:15	0	0	256	103	359			
03:30	0	0	4	6	10	15:30	0	0	217	119	336			
03:45	0	0	1	6	4	15:45	0	0	255	974	81	399	336	1373
04:00	0	0	0	10	10	16:00	0	0	230	102	332			
04:15	0	0	1	6	7	16:15	0	0	206	97	303			
04:30	0	0	4	22	26	16:30	0	0	225	96	321			
04:45	0	0	4	9	31	16:45	0	0	195	856	91	386	286	1242
05:00	0	0	10	41	51	17:00	0	0	210	105	315			
05:15	0	0	10	38	48	17:15	0	0	229	107	336			
05:30	0	0	15	57	72	17:30	0	0	220	89	309			
05:45	0	0	8	43	80	17:45	0	0	197	856	91	392	288	1248
06:00	0	0	25	84	109	18:00	0	0	135	59	194			
06:15	0	0	35	180	215	18:15	0	0	118	61	179			
06:30	0	0	28	254	282	18:30	0	0	120	44	164			
06:45	0	0	44	132	299	18:45	0	0	76	449	49	213	125	662
07:00	0	0	52	246	298	19:00	0	0	83	38	121			
07:15	0	0	84	293	377	19:15	0	0	58	32	90			
07:30	0	0	65	310	375	19:30	0	0	44	28	72			
07:45	0	0	78	279	289	19:45	0	0	71	256	32	130	103	386
08:00	0	0	60	267	327	20:00	0	0	64	23	87			
08:15	0	0	97	245	342	20:15	0	0	58	16	74			
08:30	0	0	107	269	376	20:30	0	0	44	17	61			
08:45	0	0	96	360	239	20:45	0	0	47	213	33	89	80	302
09:00	0	0	84	172	256	21:00	0	0	49	21	70			
09:15	0	0	70	167	237	21:15	0	0	37	26	63			
09:30	0	0	84	129	213	21:30	0	0	42	21	63			
09:45	0	0	91	329	165	21:45	0	0	48	176	14	82	62	258
10:00	0	0	76	126	202	22:00	0	0	30	11	41			
10:15	0	0	84	144	228	22:15	0	0	22	14	36			
10:30	0	0	96	119	215	22:30	0	0	17	11	28			
10:45	0	0	102	358	127	22:45	0	0	17	86	16	52	33	138
11:00	0	0	124	102	226	23:00	0	0	24	3	27			
11:15	0	0	110	115	225	23:15	0	0	10	7	17			
11:30	0	0	113	145	258	23:30	0	0	7	6	13			
11:45	0	0	133	480	124	23:45	0	0	7	48	3	19	10	67
<b>TOTALS</b>			2026	4933	6959	<b>TOTALS</b>			5792	2975	8767			
<b>SPLIT %</b>			29.1%	70.9%	44.3%	<b>SPLIT %</b>			66.1%	33.9%	55.7%			

DAILY TOTALS						NB	SB	EB	WB	Total	
						0	0	7,818	7,908	15,726	
AM Peak Hour			11:45	07:15	07:15	PM Peak Hour			15:00	14:45	15:00
AM Pk Volume			638	1159	1446	PM Pk Volume			974	435	1373
Pk Hr Factor			0.867	0.935	0.959	Pk Hr Factor			0.951	0.914	0.956
7 - 9 Volume	0	0	639	2158	2797	4 - 6 Volume	0	0	1712	778	2490
7 - 9 Peak Hour			08:00	07:15	07:15	4 - 6 Peak Hour			16:30	16:30	16:30
7 - 9 Pk Volume	0	0	360	1159	1446	4 - 6 Pk Volume	0	0	859	399	1258
Pk Hr Factor	0.000	0.000	0.841	0.935	0.959	Pk Hr Factor	0.000	0.000	0.938	0.932	0.936



## RADAR SPEED SURVEY

### SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

**Road Name:** Paseo Delicias      **From:** La Valle Plateada      **To:** Loma de Caballo

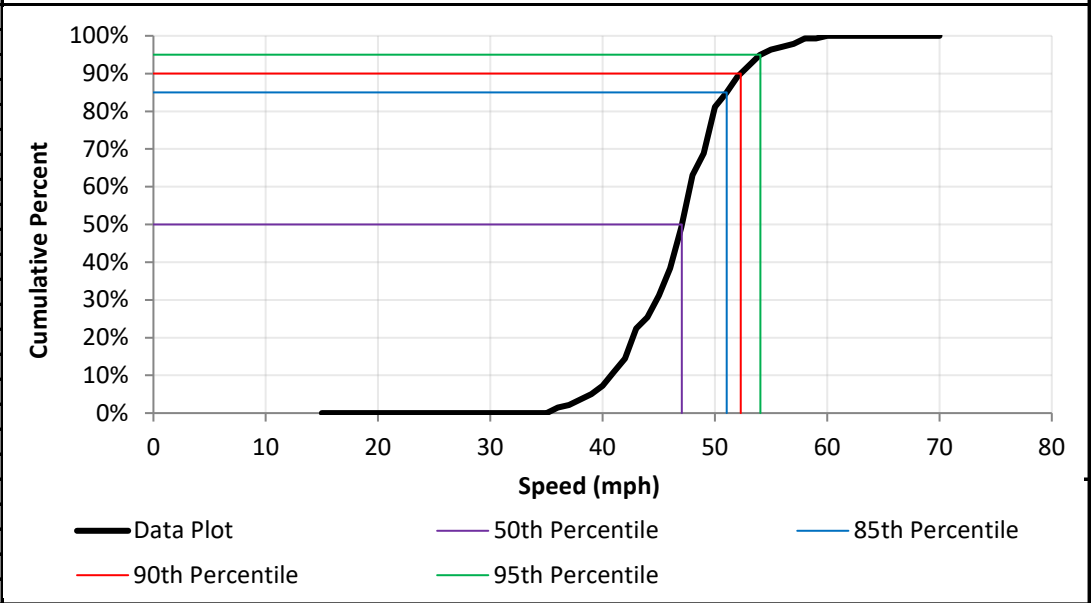
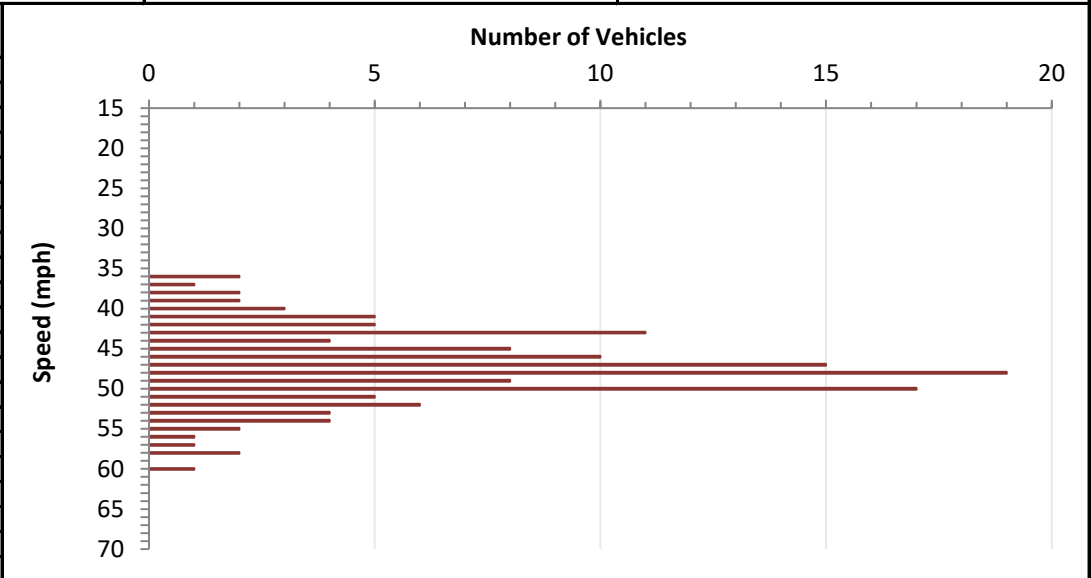
**Position:** 500' W/o Loma de Caballo      **Direction:** WB/EB

**Date:** 12/1/2023      **Weather:** Clear, Sunny      **Project Number:** 0

**Time Start:** 10:46 AM      **Road Condition:** Dry      **Observer:** County

**Time End:** 11:05 AM      **Posted Speed:** 50 MPH      **Calibration Test:** Y

Speed (mph)	Num. Veh.	Cum. Pct.
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		
26		
27		
28		
29		
30		
31		
32		
33		
34		
35		
36	2	1.4%
37	1	2.2%
38	2	3.6%
39	2	5.1%
40	3	7.2%
41	5	10.9%
42	5	14.5%
43	11	22.5%
44	4	25.4%
45	8	31.2%
46	10	38.4%
47	15	49.3%
48	19	63.0%
49	8	68.8%
50	17	81.2%
51	5	84.8%
52	6	89.1%
53	4	92.0%
54	4	94.9%
55	2	96.4%
56	1	97.1%
57	1	97.8%
58	2	99.3%
59		
60	1	100.0%
61		
62		
63		
64		
65		
66		
67		
68		
69		
70		
<b>Total</b>	<b>138</b>	



#### DATA ANALYSIS

Average Speed	47.2	Range	36 - 60
50th Percentile	47.1	10 mph Pace	43 - 52
85th Percentile	51.1	Number in Pace	103
90th Percentile	52.3	Percent in Pace	75%
95th Percentile	54.1		





## RADAR SPEED SURVEY

### SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

**Road Name:** Del Dios Rd      **From:** Via Rancho Py      **To:** Escondido C/L

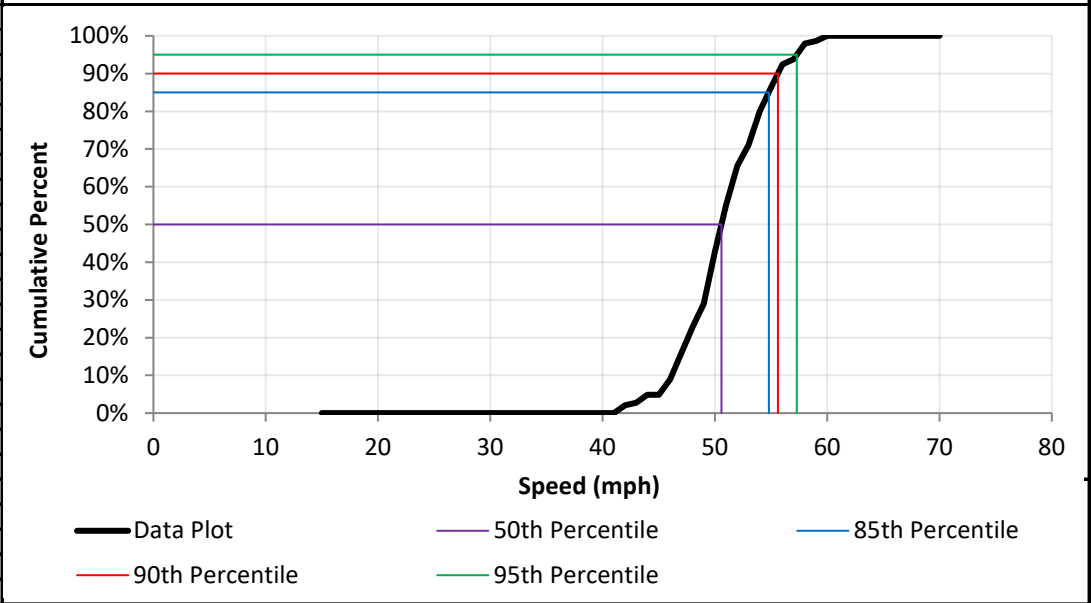
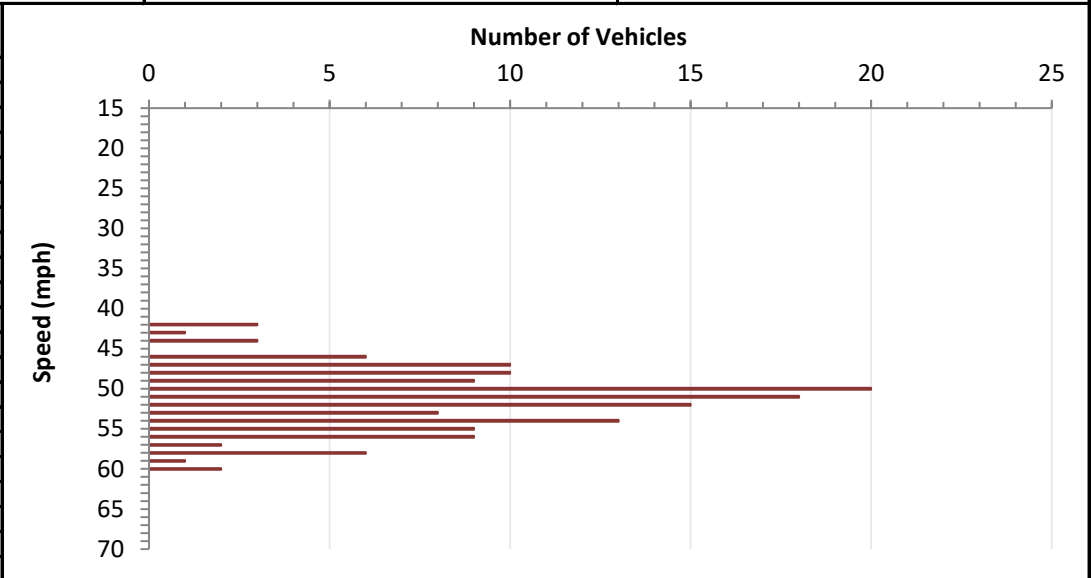
**Position:** 800' W/o Via Cuatro Caminos      **Direction:** WB/EB

**Date:** 12/4/2023      **Weather:** Clear, Sunny      **Project Number:** 0

**Time Start:** 11:40 AM      **Road Condition:** Dry      **Observer:** County

**Time End:** 12:06 PM      **Posted Speed:** 50 MPH      **Calibration Test:** Y

Speed (mph)	Num. Veh.	Cum. Pct.
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		
26		
27		
28		
29		
30		
31		
32		
33		
34		
35		
36		
37		
38		
39		
40		
41		
42	3	2.1%
43	1	2.8%
44	3	4.8%
45		
46	6	9.0%
47	10	15.9%
48	10	22.8%
49	9	29.0%
50	20	42.8%
51	18	55.2%
52	15	65.5%
53	8	71.0%
54	13	80.0%
55	9	86.2%
56	9	92.4%
57	2	93.8%
58	6	97.9%
59	1	98.6%
60	2	100.0%
61		
62		
63		
64		
65		
66		
67		
68		
69		
70		
Total	145	

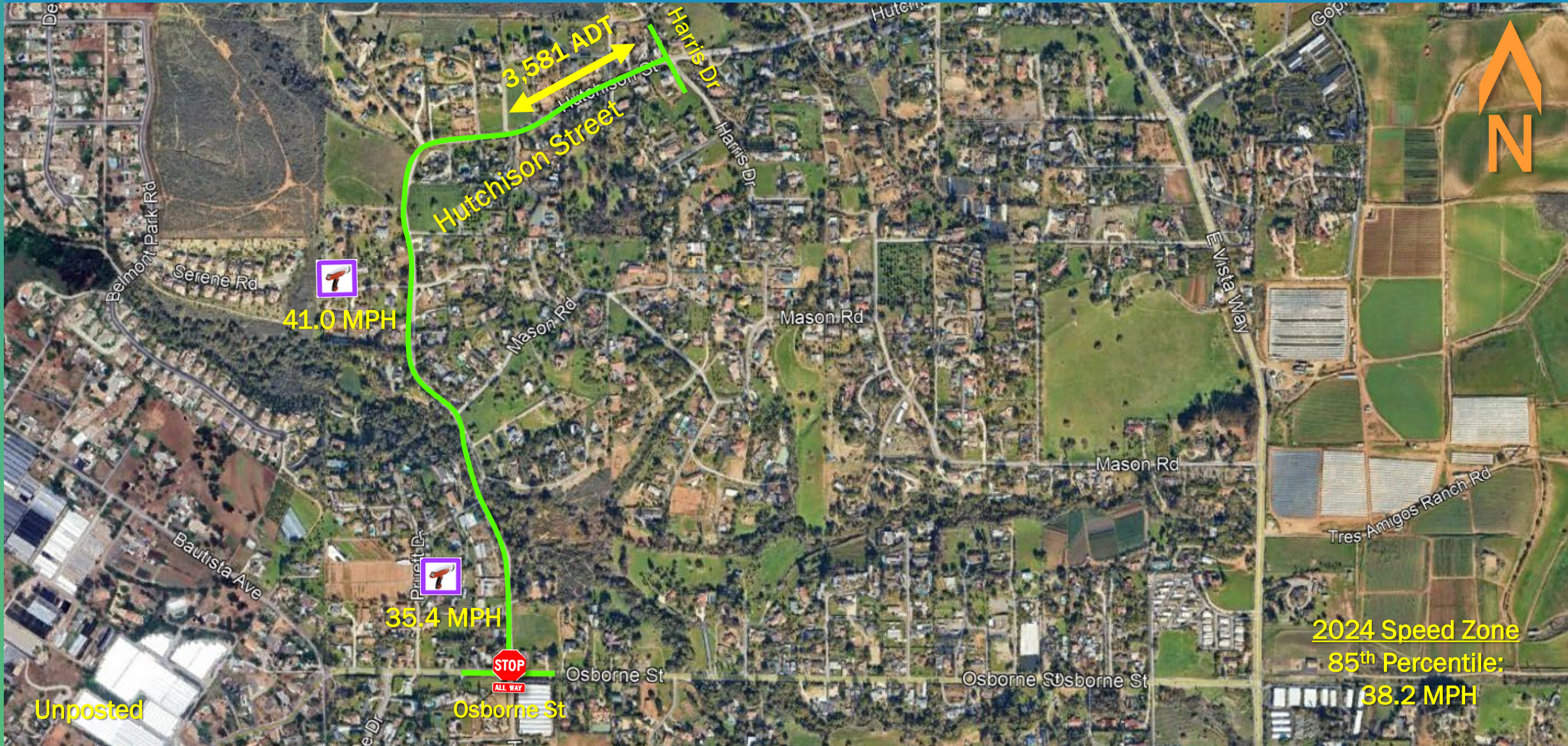


#### DATA ANALYSIS

Average Speed	51.3	Range	42 - 60
50th Percentile	50.6	10 mph Pace	47 - 56
85th Percentile	54.8	Number in Pace	121
90th Percentile	55.6	Percent in Pace	83%
95th Percentile	57.3		

# Hutchison Street

Harris Drive to Osborne Street (0.95 miles)



**SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE**

**COMMITTEE REPORT OF:** April 5, 2024 **Item 5-A**

**SUPERVISORIAL DISTRICT:** 5

**SUBJECT:** Radar Certification

**LOCATION:** Hutchison Street from Harris Drive to Osborne Street  
(a distance of 0.95 miles) NORTH VISTA

**INITIATED BY:** DPW Traffic Engineering

**REQUEST:** Radar Certification

**PROBLEM AS STATED BY REQUESTER:**

Hutchison Street from Harris Drive to Osborne Street is currently unposted. A preliminary review of prevailing speeds and roadway conditions could support radar certification a 35 MPH speed limit.

**Existing Traffic Devices**

Hutchison Street is a striped 2-lane undivided highway that is 28 to 36 feet wide. The roadway is striped with a no passing centerline. Hutchison Street is posted with a multiple intersection advisories, curve advisory, and bus advisory signage. The road is posted with an all-way stop at the intersection with Osborne Street. Hutchison Street is currently unclassified on the County General Plan Mobility Element Network. Hutchison Street currently has no posted speed limit.

<b><u>Average Daily Traffic Volumes</u></b>	<b><u>01/24</u></b>	<b><u>08/19</u></b>		
Hutchison Street:				
400' W/o Oriente Dr	3,581			
300' W/o Harris Dr		2,294		
	<b><u>85th</u></b>	<b><u>10 MPH</u></b>	<b><u>% in</u></b>	
<b><u>Speed Data</u></b>	<b><u>Percentile</u></b>	<b><u>Pace</u></b>	<b><u>Pace</u></b>	
Hutchison Street:				
100' S/o Neil Terrace	(2024) 41.0 MPH	33-42	76%	
400' N/o Osborne Street	(2024) 35.4 MPH	26-35	72%	
Speed Zone	(2024) 38.2 MPH	30-39	74%	

**Collision Data**

There have been 3 reported collisions along this segment of roadway in a 3-year (2020-11-01 to 2023-10-31) These collisions result in a segment accident rate of 0.81 collisions per million vehicle miles. The statewide average is 1.68 collisions per million vehicle miles for similar suburban, conventional 2 lanes or less, roads with speeds less than 45 MPH.



**PUBLIC WORKS**

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

**WILLIAM P. MORGAN, P.E.**  
INTERIM DIRECTOR

## COUNTY TRAFFIC ENGINEER RECOMMENDATION

Date: March 18, 2024  
Item Title: Speed Limit and Radar Certification  
Location: Hutchison Street from Harris Drive to Osborne Street in Vista  
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 (85<sup>th</sup> percentile) speed of motorists.
- Hutchison Street is a two-lane roadway, flat, curvy, with limited shoulder throughout its length of 0.95 miles. Its pavement width varies between 24' and 32' feet in width with a striped center line on the roadway.
- Recent speed surveys on Hutchison Street resulted in an overall prevailing speed of 38.2 mph, which supports a speed limit of 35 mph using radar for speed enforcement.
- Pursuant to CVC section 22358 coupled with above conditions on Hutchison Street and the guidance of the CA MUTCD section 2B.13, a 35 mph radar enforced speed limit on Hutchison Street from Harris Drive to Osborne Street is reasonable and safe based on prevailing speed and collision rate.

March 21, 2024

Michael L. Kenney, TE 2045 & CE 56661

Date

**VOLUME**  
 Hutchison St 400' W/O Oriente Dr

Day: Tuesday  
 Date: 2/13/2024

City: Vista  
 Project #: CA24\_040020\_001

DAILY TOTALS					NB	SB	EB	WB	Total						
					0	0	1,582	1,999	3,581						
AM Period	NB	SB	EB	WB	TOTAL	PM Period	NB	SB	EB	WB	TOTAL				
0:00	0	0	0	0		12:00	0	0	10	11	21				
0:15	0	0	0	0		12:15	0	0	10	11	21				
0:30	0	0	0	0		12:30	0	0	16	7	23				
0:45	0	0	0	0		12:45	0	0	14	50	24	89			
1:00	0	0	1	0	1	13:00	0	0	14	22	36				
1:15	0	0	0	1	1	13:15	0	0	10	13	23				
1:30	0	0	0	0		13:30	0	0	10	12	22				
1:45	0	0	0	1	0	1	13:45	0	0	13	47	19	66	32	113
2:00	0	0	0	1	1	14:00	0	0	13	13	26				
2:15	0	0	0	2	2	14:15	0	0	22	15	37				
2:30	0	0	1	0	1	14:30	0	0	35	19	54				
2:45	0	0	0	1	0	3	14:45	0	0	41	111	9	56	50	167
3:00	0	0	0	1	1	15:00	0	0	54	20	74				
3:15	0	0	0	0		15:15	0	0	65	16	81				
3:30	0	0	1	0	1	15:30	0	0	58	46	104				
3:45	0	0	1	2	1	2	15:45	0	0	69	246	36	118	105	364
4:00	0	0	0	1	1	16:00	0	0	109	26	135				
4:15	0	0	0	6	6	16:15	0	0	77	28	105				
4:30	0	0	0	2	2	16:30	0	0	76	24	100				
4:45	0	0	4	4	4	13	16:45	0	0	83	345	20	98	103	443
5:00	0	0	1	0	1	17:00	0	0	86	23	109				
5:15	0	0	3	2	5	17:15	0	0	78	20	98				
5:30	0	0	6	4	10	17:30	0	0	65	24	89				
5:45	0	0	7	17	16	22	17:45	0	0	57	286	22	89	79	375
6:00	0	0	4	13	17	18:00	0	0	37	17	54				
6:15	0	0	7	25	32	18:15	0	0	29	14	43				
6:30	0	0	17	39	56	18:30	0	0	13	12	25				
6:45	0	0	21	49	57	134	18:45	0	0	19	98	25	68	44	166
7:00	0	0	9	111	120	19:00	0	0	13	4	17				
7:15	0	0	12	162	174	19:15	0	0	8	7	15				
7:30	0	0	14	133	147	19:30	0	0	9	5	14				
7:45	0	0	9	44	111	517	19:45	0	0	5	35	3	19	8	54
8:00	0	0	15	126	141	20:00	0	0	7	2	9				
8:15	0	0	21	89	110	20:15	0	0	10	5	15				
8:30	0	0	13	102	115	20:30	0	0	7	4	11				
8:45	0	0	11	60	108	425	20:45	0	0	2	26	6	17	8	43
9:00	0	0	6	48	54	21:00	0	0	21	3	24				
9:15	0	0	12	53	65	21:15	0	0	6	3	9				
9:30	0	0	13	34	47	21:30	0	0	3	6	9				
9:45	0	0	10	41	26	161	21:45	0	0	4	34	2	14	6	48
10:00	0	0	6	19	25	22:00	0	0	7	3	10				
10:15	0	0	9	16	25	22:15	0	0	0	3	3				
10:30	0	0	7	12	19	22:30	0	0	3	2	5				
10:45	0	0	7	29	17	64	22:45	0	0	1	11	2	10	3	21
11:00	0	0	9	12	21	23:00	0	0	1	1	2				
11:15	0	0	6	14	20	23:15	0	0	2	2	4				
11:30	0	0	8	16	24	23:30	0	0	1	0	1				
11:45	0	0	17	40	18	60	23:45	0	0	1	5	0	3	1	8
<b>TOTALS</b>			288	1402	1690	<b>TOTALS</b>			1294	597	1891				
<b>SPLIT %</b>			17.0%	83.0%	47.2%	<b>SPLIT %</b>			68.4%	31.6%	52.8%				

DAILY TOTALS					NB	SB	EB	WB	Total		
					0	0	1,582	1,999	3,581		
AM Peak Hour			8:00	7:15	7:15	PM Peak Hour			16:00	15:30	15:30
AM Pk Volume			60	532	582	PM Pk Volume			345	136	449
Pk Hr Factor			0.714	0.821	0.836	Pk Hr Factor			0.791	0.739	0.831
7 - 9 Volume	0	0	104	942	1046	4 - 6 Volume	0	0	631	187	818
7 - 9 Peak Hour			8:00	7:15	7:15	4 - 6 Peak Hour			16:00	16:00	16:00
7 - 9 Pk Volume	0	0	60	532	582	4 - 6 Pk Volume	0	0	345	98	443
Pk Hr Factor	0.000	0.000	0.714	0.821	0.836	Pk Hr Factor	0.000	0.000	0.791	0.875	0.820

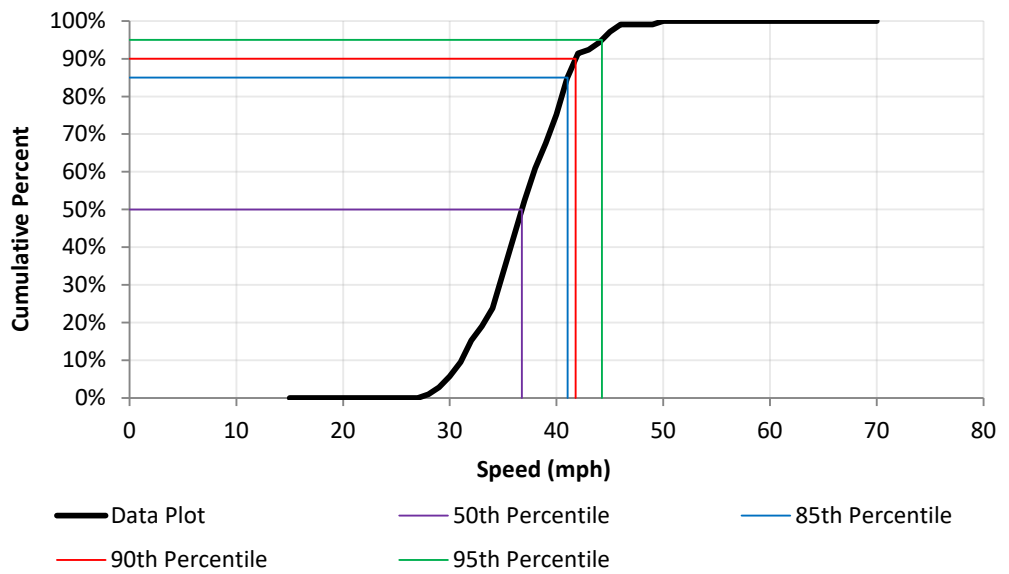
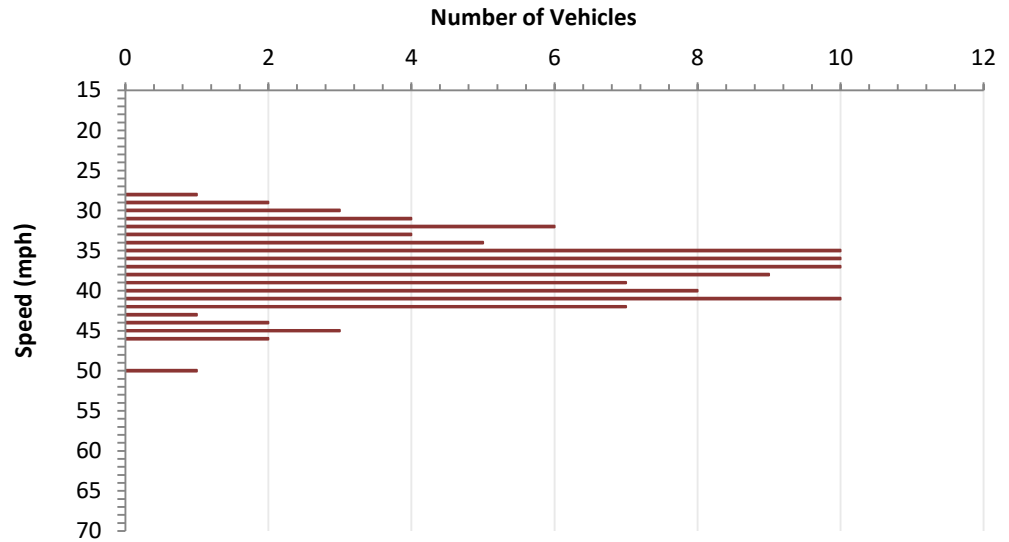


## RADAR SPEED SURVEY

### SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

<b>Road Name:</b> Hutchison St	<b>From:</b> Osborne St	<b>To:</b> Neil Terrace
<b>Position:</b> 100' S/o Neil Terrace	<b>Direction:</b> WB/EB	
<b>Date:</b> 1/2/2024	<b>Weather:</b> Clear, Sunny	<b>Project Number:</b> 18-4121-023
<b>Time Start:</b> 11:03 AM	<b>Road Condition:</b> Dry	<b>Observer:</b> County
<b>Time End:</b> 12:16 PM	<b>Posted Speed:</b> 0	<b>Calibration Test:</b> Y

Speed (mph)	Num. Veh.	Cum. Pct.
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		
26		
27		
28	1	1.0%
29	2	2.9%
30	3	5.7%
31	4	9.5%
32	6	15.2%
33	4	19.0%
34	5	23.8%
35	10	33.3%
36	10	42.9%
37	10	52.4%
38	9	61.0%
39	7	67.6%
40	8	75.2%
41	10	84.8%
42	7	91.4%
43	1	92.4%
44	2	94.3%
45	3	97.1%
46	2	99.0%
47		
48		
49		
50	1	100.0%
51		
52		
53		
54		
55		
56		
57		
58		
59		
60		
61		
62		
63		
64		
65		
66		
67		
68		
69		
70		
<b>Total</b>	<b>105</b>	



#### DATA ANALYSIS

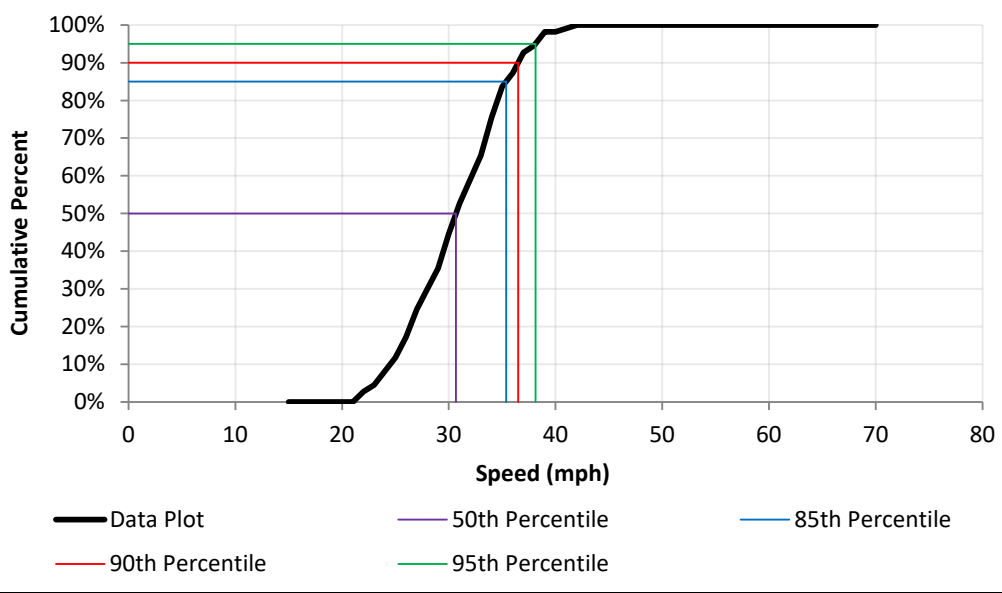
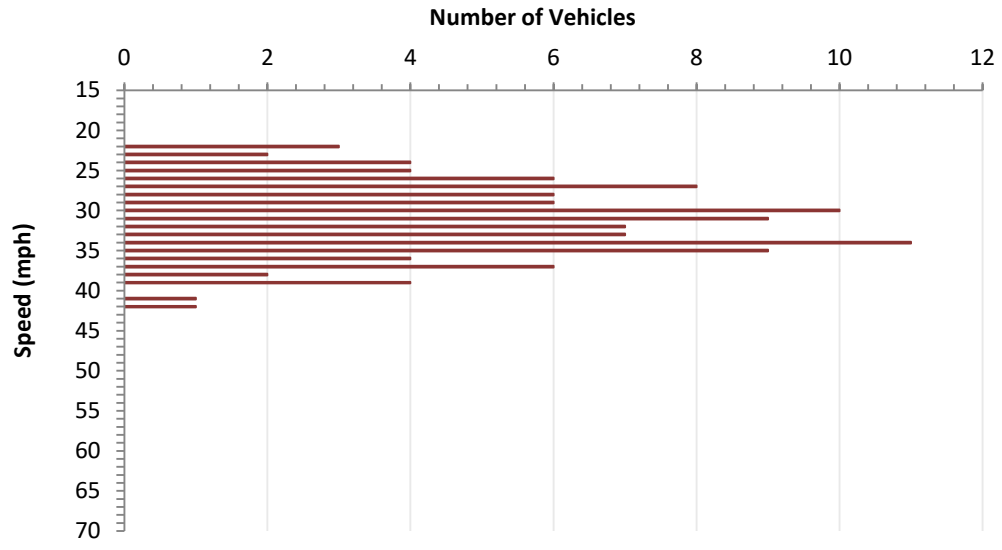
Average Speed	37.3	Range	28 - 50
50th Percentile	36.8	10 mph Pace	33 - 42
85th Percentile	41.0	Number in Pace	80
90th Percentile	41.8	Percent in Pace	76%
95th Percentile	44.3		



## RADAR SPEED SURVEY SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

<b>Road Name:</b> Hutchison St	<b>From:</b> Osborne St	<b>To:</b> End of County Maintenance
<b>Position:</b> 400' N/o Osborne St	<b>Direction:</b> NB/SB	
<b>Date:</b> 3/12/2024	<b>Weather:</b> Partly Cloudy and Sur	<b>Project Number:</b> 0
<b>Time Start:</b> 11:00 AM	<b>Road Condition:</b> Dry	<b>Observer:</b> County
<b>Time End:</b> 12:40 PM	<b>Posted Speed:</b> 0	<b>Calibration Test:</b> Y

Speed (mph)	Num. Veh.	Cum. Pct.
15		
16		
17		
18		
19		
20		
21		
22	3	2.7%
23	2	4.5%
24	4	8.2%
25	4	11.8%
26	6	17.3%
27	8	24.5%
28	6	30.0%
29	6	35.5%
30	10	44.5%
31	9	52.7%
32	7	59.1%
33	7	65.5%
34	11	75.5%
35	9	83.6%
36	4	87.3%
37	6	92.7%
38	2	94.5%
39	4	98.2%
40		
41	1	99.1%
42	1	100.0%
43		
44		
45		
46		
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51		
52		
53		
54		
55		
56		
57		
58		
59		
60		
61		
62		
63		
64		
65		
66		
67		
68		
69		
70		
<b>Total</b>	<b>110</b>	



DATA ANALYSIS			
Average Speed	31.1	Range	22 - 42
50th Percentile	30.7	10 mph Pace	26 - 35
85th Percentile	35.4	Number in Pace	79
90th Percentile	36.5	Percent in Pace	72%
95th Percentile	38.1		