

San Diego County Traffic Advisory Committee



Committee Secretary
5510 Overland Avenue #410, Room 470, M.S. 0-334
San Diego, California 92123-1239
(858) 694-3843

Represented Agencies

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

January 15, 2021

TO: Community Planning/Sponsor Group Chairpersons

FROM: Secretary, Traffic Advisory Committee

MEETING NOTICE

Attached is the preliminary agenda for the January 22, 2021 meeting of the Traffic Advisory Committee (TAC).

Social distancing is currently mandatory due to the COVID-19 pandemic. This TAC meeting on January 22, 2021, will be conducted with a virtual meeting platform option. Please use this link below to join the meeting:

Microsoft Teams meeting

[Click here to join the meeting](#)

Or call in (audio only) +1 619-343-2539, 613905405#

Phone Conference ID: 613 905 405#

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

Your community group may have previously provided formal input on these matters and your group's recommendations would be included as part of the Chief Administrative Officer's report to the Board of Supervisors along with TAC recommendations. The Board of Supervisors will make a final decision as to what action will be taken after reviewing TAC recommendations and community group input, when available.

If your community planning/sponsor group representative would like to attend the TAC meeting and participate in the discussion of an item on this agenda, or if you do have any questions or need additional information regarding this procedure, please contact me at (858) 694-3843. TAC staff is available to provide background information on items and to answer questions you may have.

Very truly yours,

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

KRJ:bb

Attachment



SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE

**January 22, 2021 ~ 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. Items for Review**

SUBJECT	LOCATION	AREA	PLANNING/ SPONSOR GROUP
<u>SUPERVISORIAL DISTRICT 2</u>			
2-A. RADAR CERTIFICATION	ALPINE BL	ALPINE	ALPINE
2-B. RADAR CERTIFICATION	ALPINE BL	ALPINE	ALPINE
2-C. RADAR CERTIFICATION	PEPPER DR	BOSTONIA	LAKESIDE
2-D. RADAR CERTIFICATION	CAMINO CANADA	CRESTVIEW	LAKESIDE
<u>SUPERVISORIAL DISTRICT 5</u>			
5-A. RADAR CERTIFICATION	OLEANDER AV	VISTA	N/A
5-B. RADAR CERTIFICATION	POINSETTIA AV	VISTA/SAN MARCOS	N/A
5-C. RADAR CERTIFICATION	VALLEY DR	VISTA	N/A

2-A. Radar Certification

Alpine Blvd from Tavern Rd to 500' E/o Marshall Rd (0.84 mi)



SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE

COMMITTEE REPORT OF: January 22, 2021 **Item 2-A**

SUPERVISORIAL DISTRICT: 2

SUBJECT: Radar Certification

LOCATION: Alpine Boulevard from Tavern Road to a point 500' east of Marshall Road (a distance of 0.84 miles) ALPINE (Thos. Bros. 1234-A6)

INITIATED BY: DPW Traffic Engineering

REQUEST: Radar Certification

PROBLEM AS STATED BY REQUESTER:

Alpine Boulevard from Tavern Road to a point 500' east of Marshall Road is a posted 35 MPH speed zone. Preliminary review of prevailing speeds and roadway conditions could support certify the existing 35 MPH speed limit for radar enforcement.

Existing Traffic Devices

Alpine Boulevard is a striped two-lane divided roadway with a 42 to 50 foot travelled lane on a 42 to 88 foot road bed. The roadway is striped with a two way left turn lane and bike lane. There is on street parking along the roadway in the form of a parking lane and angle parking stalls. There is a midblock crosswalk located east of Tavern Road and a signalized intersection at West Victoria Drive/Arnold Way. Alpine Boulevard is classified as a Light Collector on the County General Plan Mobility Element Network. The road is currently posted 35 MPH.

<u>Average Daily Traffic Volumes</u>		<u>10/20</u>	<u>05/02</u>	
Alpine Boulevard				
200' E/o West Victoria Drive		14,297	23,140	
<u>Speed Data</u>		<u>85th Percentile</u>	<u>10 MPH Pace</u>	<u>% in Pace</u>
Alpine Boulevard				
150' W/o Boulders Road	(2020)	42.7 MPH	34-43	85.0%
	(2002)	36.3 MPH	26-35	76.6%
500' W/o W Victoria Drive	(2020)	38.3 MPH	31-40	93.0%
	(2002)	40.6 MPH	32-41	77.3%
Speed Zone	(2020)	40.5 MPH	33-42	89.0%
	(2002)	38.5 MPH	29-38	77.0%

Collision Data

There have been 23 reported collision along this segment of roadway, 8 of which involved injury, in a 3 year period (06-01-17 to 05-31-20). These collisions resulted in a segment accident rate of 1.75 collisions per million vehicle miles. The statewide average is 1.60 collisions per million vehicle miles for similar suburban conventional 2 lanes or less with speeds less than 45 miles per hour.

VOLUME

Alpine Blvd 200' E/O West Victoria Dr

Day: Thursday
Date: 10/29/2020

City: Alpine
Project #: CA20_040201_002

DAILY TOTALS					NB	SB	EB	WB	Total					
					0	0	7,352	6,945	14,297					
AM Period	NB	SB	EB	WB	TOTAL	PM Period	NB	SB	EB	WB	TOTAL			
00:00			6	5	11	12:00			153	132	285			
00:15			9	6	15	12:15			169	161	330			
00:30			2	0	2	12:30			153	149	302			
00:45			2	19	4	12:45		15	139	614	138	277	1194	
01:00			3	3	6	13:00			122	144	266			
01:15			3	3	6	13:15			129	129	258			
01:30			3	3	6	13:30			132	127	259			
01:45			4	13	0	13:45		9	173	556	130	530	303	1086
02:00			4	3	7	14:00			148	120	268			
02:15			5	3	8	14:15			158	135	293			
02:30			2	3	5	14:30			150	127	277			
02:45			3	14	1	14:45		10	151	607	138	520	289	1127
03:00			4	4	8	15:00			141	143	284			
03:15			2	3	5	15:15			177	148	325			
03:30			3	7	10	15:30			146	137	283			
03:45			3	12	7	15:45		21	135	599	131	559	266	1158
04:00			4	6	10	16:00			169	127	296			
04:15			3	10	13	16:15			156	137	293			
04:30			9	15	24	16:30			182	144	326			
04:45			13	29	28	16:45		59	179	686	134	542	313	1228
05:00			10	36	46	17:00			142	108	250			
05:15			4	37	41	17:15			175	141	316			
05:30			20	44	64	17:30			185	122	307			
05:45			24	58	33	17:45		150	153	655	111	482	264	1137
06:00			30	37	67	18:00			147	147	294			
06:15			27	57	84	18:15			133	85	218			
06:30			41	66	107	18:30			102	94	196			
06:45			50	148	73	18:45		233	106	488	73	399	179	887
07:00			44	93	137	19:00			78	76	154			
07:15			50	80	130	19:15			78	66	144			
07:30			67	102	169	19:30			73	68	141			
07:45			93	254	95	19:45		370	66	295	47	257	113	552
08:00			107	90	197	20:00			48	60	108			
08:15			90	106	196	20:15			65	49	114			
08:30			99	107	206	20:30			56	52	108			
08:45			126	422	124	20:45		427	50	219	36	197	86	416
09:00			119	139	258	21:00			34	31	65			
09:15			101	105	206	21:15			35	35	70			
09:30			101	123	224	21:30			38	32	70			
09:45			106	427	99	21:45		466	30	137	29	127	59	264
10:00			100	108	208	22:00			37	20	57			
10:15			101	98	199	22:15			22	22	44			
10:30			115	97	212	22:30			26	8	34			
10:45			113	429	108	22:45		411	20	105	15	65	35	170
11:00			112	134	246	23:00			10	17	27			
11:15			129	124	253	23:15			16	11	27			
11:30			109	101	210	23:30			15	14	29			
11:45			162	512	112	23:45		471	13	54	3	45	16	99
TOTALS				2337	2642	4979	TOTALS			5015	4303	9318		
SPLIT %				46.9%	53.1%	34.8%	SPLIT %			53.8%	46.2%	65.2%		

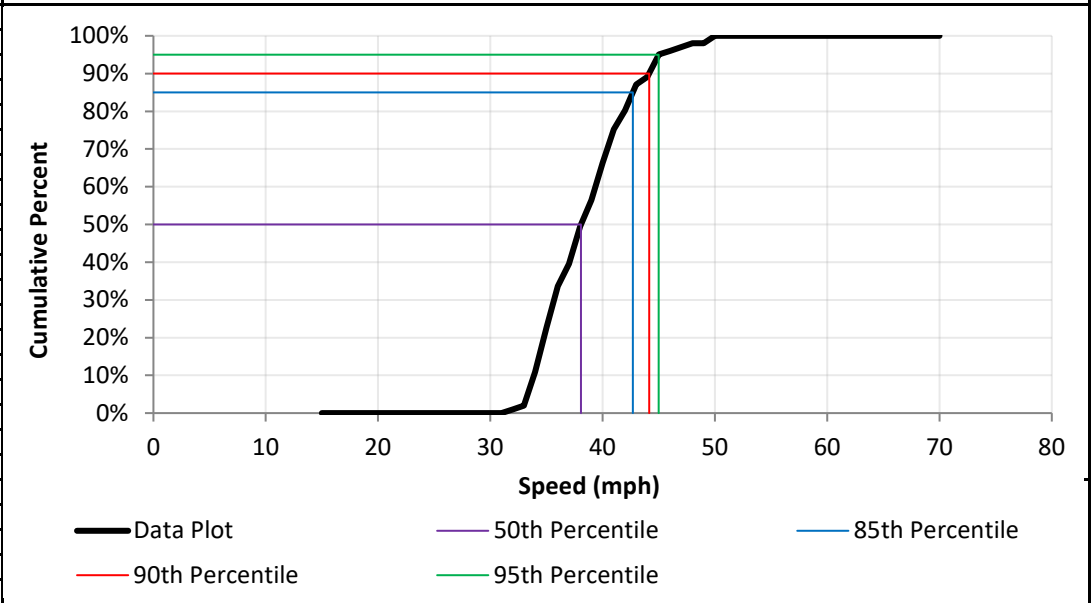
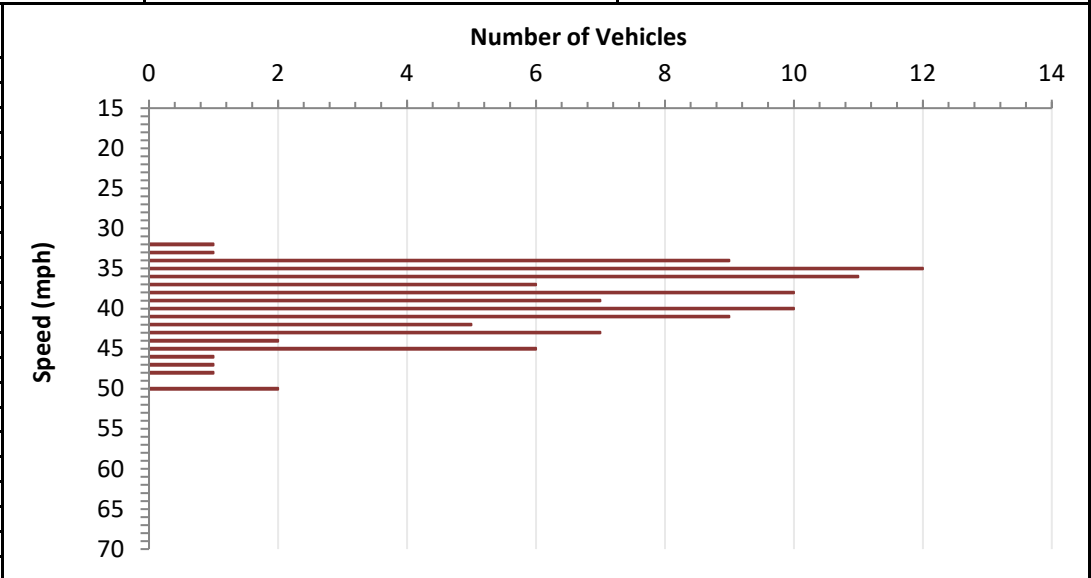
DAILY TOTALS					NB	SB	EB	WB	Total		
					0	0	7,352	6,945	14,297		
AM Peak Hour			11:45	11:45	11:45	PM Peak Hour			16:00	12:15	16:00
AM Pk Volume			637	554	1191	PM Pk Volume			686	592	1228
Pk Hr Factor			0.942	0.860	0.902	Pk Hr Factor			0.942	0.919	0.942
7 - 9 Volume	0	0	676	797	1473	4 - 6 Volume	0	0	1341	1024	2365
7 - 9 Peak Hour			08:00	08:00	08:00	4 - 6 Peak Hour			16:00	16:00	16:00
7 - 9 Pk Volume	0	0	422	427	849	4 - 6 Pk Volume	0	0	686	542	1228
Pk Hr Factor	0.000	0.000	0.837	0.861	0.849	Pk Hr Factor	0.000	0.000	0.942	0.941	0.942



RADAR SPEED SURVEY SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

Road Name: Alpine Bl	From: Tavern Rd	To: 500' E/o Marshall Rd
Position: 150' W/o Boulders Rd	Direction: EB/WB	
Date: 10/6/2020	Weather: Clear	Project Number: 20-040200-002
Time Start: 10:00 AM	Road Condition: Dry	Observer: Contractor
Time End: 10:45 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		
28		
29		
30		
31		
32	1	1.0%
33	1	2.0%
34	9	10.9%
35	12	22.8%
36	11	33.7%
37	6	39.6%
38	10	49.5%
39	7	56.4%
40	10	66.3%
41	9	75.2%
42	5	80.2%
43	7	87.1%
44	2	89.1%
45	6	95.0%
46	1	96.0%
47	1	97.0%
48	1	98.0%
49		
50	2	100.0%
51		
52		
53		
54		
55		
56		
57		
58		
59		
60		
61		
62		
63		
64		
65		
66		
67		
68		
69		
70		
Total	101	



DATA ANALYSIS

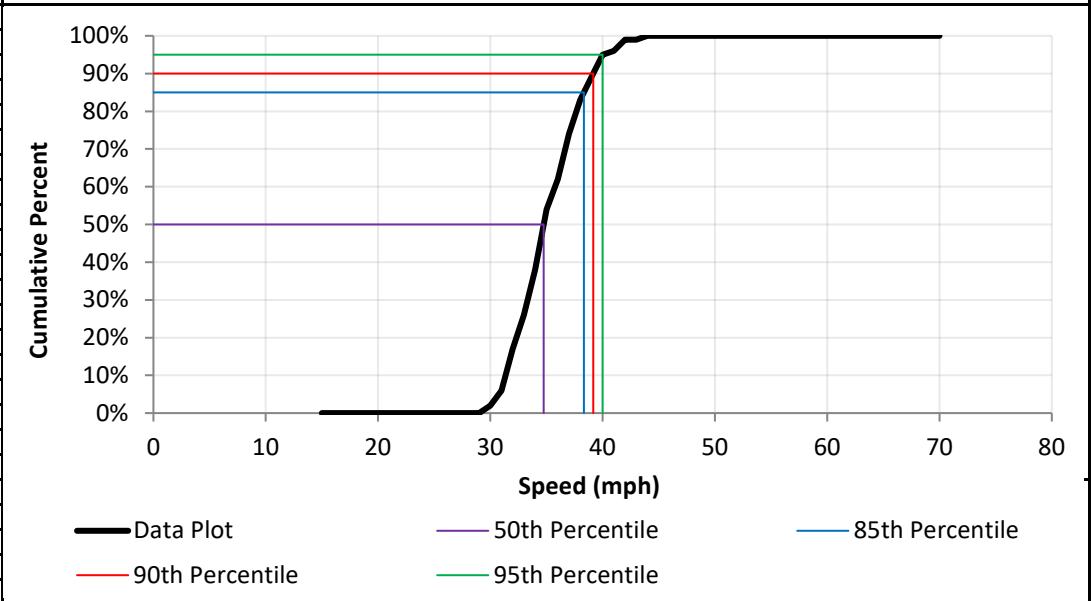
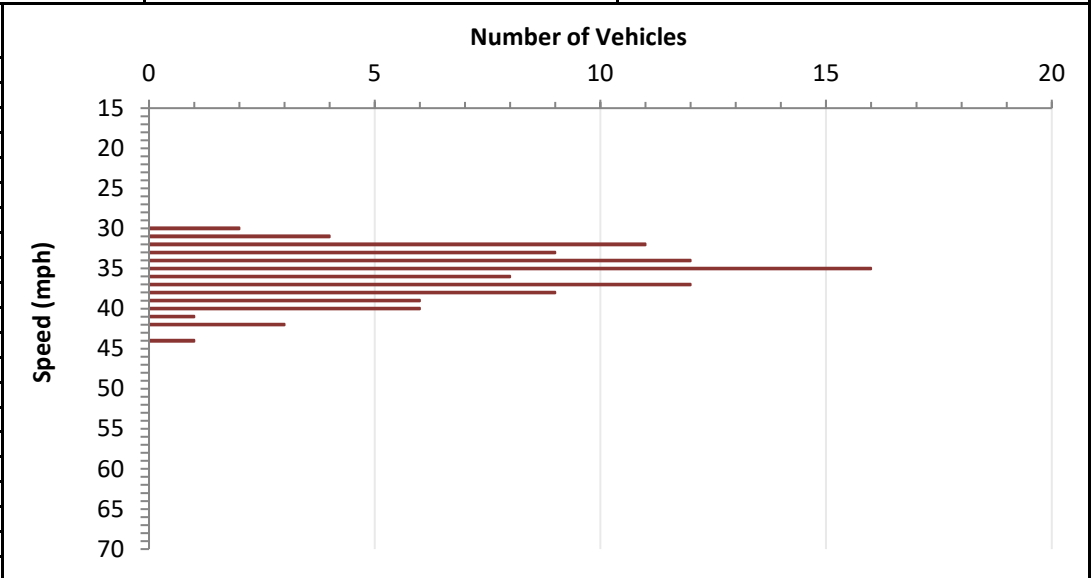
Average Speed	39.0	Range	32 - 50
50th Percentile	38.1	10 mph Pace	34 - 43
85th Percentile	42.7	Number in Pace	86
90th Percentile	44.2	Percent in Pace	85%
95th Percentile	45.0		



RADAR SPEED SURVEY SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

Road Name: Alpine Bl	From: Tavern Rd	To: 500' E/o Marshall Rd
Position: 500' W/o W Victoria Dr	Direction: EB/WB	
Date: 10/6/2020	Weather: Clear	Project Number: 20-040200-005
Time Start: 12:45 PM	Road Condition: Dry	Observer: Contractor
Time End: 1:00 PM	Posted Speed: 40 MPH	Calibration Test: Y

Speed (mph)	Num. Veh.	Cum. Pct.
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		
26		
27		
28		
29		
30	2	2.0%
31	4	6.0%
32	11	17.0%
33	9	26.0%
34	12	38.0%
35	16	54.0%
36	8	62.0%
37	12	74.0%
38	9	83.0%
39	6	89.0%
40	6	95.0%
41	1	96.0%
42	3	99.0%
43		
44	1	100.0%
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	100	

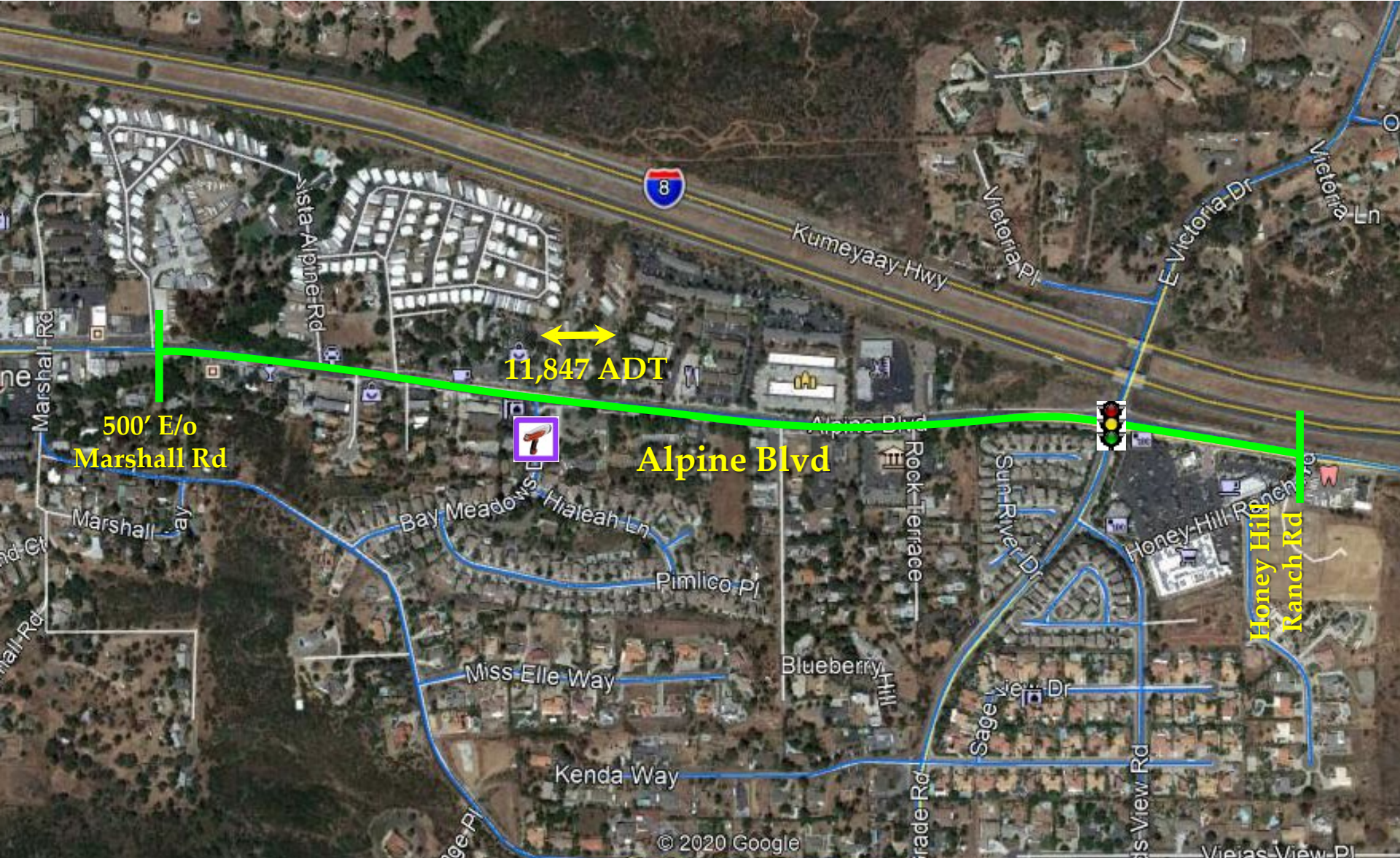


DATA ANALYSIS

Average Speed	35.6	Range	30 - 44
50th Percentile	34.8	10 mph Pace	31 - 40
85th Percentile	38.3	Number in Pace	93
90th Percentile	39.2	Percent in Pace	93%
95th Percentile	40.0		

2-B. Radar Certification

**Alpine Blvd from 500' E/o Marshall Rd to Honey Hill Ranch Rd
(0.91 mi)**



SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE

COMMITTEE REPORT OF: January 22, 2021 **Item 2-B**

SUPERVISORIAL DISTRICT: 2

SUBJECT: Radar Certification

LOCATION: Alpine Boulevard from a point 500' east of Marshall Road to Honey Hill Ranch Road (a distance of 0.91 miles) ALPINE (Thos. Bros. 1234-B6)

INITIATED BY: DPW Traffic Engineering

REQUEST: Radar Certification

PROBLEM AS STATED BY REQUESTER:

Alpine Boulevard from a point 500' east of Marshall Road to Honey Hill Ranch Road is a posted 40 MPH speed zone. Preliminary review of prevailing speeds and roadway conditions could support certify the existing 40 MPH speed limit for radar enforcement.

Existing Traffic Devices

Alpine Boulevard is a striped two-lane divided roadway with a 24 foot travelled lane on a 48 to 64 foot road bed. The roadway is striped with a two-way left turn lane and bikelane. The roadway allows for on street parking in the form of parking lane and marked angle parking stalls. There is a signalized intersection at East Victoria Drive. Alpine Boulevard is classified as a Light Collector/Community Collector on the County General Plan Mobility Element Network. The road is currently posted 40 MPH.

Average Daily Traffic Volumes

	<u>10/20</u>	<u>05/02</u>
Alpine Boulevard 100' E/o Bay Meadows Drive	11,847	10,840

Speed Data

		<u>85th Percentile</u>	<u>10 MPH Pace</u>	<u>% in Pace</u>
Alpine Boulevard At Bay Meadows Drive	(2020)	43.9 MPH	35-44	77.0%
	(2003)	44.8 MPH	35-44	69.7%

Collision Data

There have been 19 reported collision along this segment of roadway, 12 of which involved injury, in a 3 year period (06-01-17 to 05-31-20). These collisions resulted in a segment accident rate of 1.61 collisions per million vehicle miles. The statewide average is 1.60 collisions per million vehicle miles for similar suburban conventional 2 lanes or less with speeds less than 45 miles per hour.

VOLUME

Alpine Blvd 100' E/O Bay Meadows Dr

Day: Thursday
Date: 10/29/2020

City: Alpine
Project #: CA20_040201_001

DAILY TOTALS					NB	SB	EB	WB	Total			
					0	0	6,178	5,669	11,847			
AM Period	NB	SB	EB	WB	TOTAL	PM Period	NB	SB	EB	WB	TOTAL	
00:00			5	5	10	12:00			144	125	269	
00:15			7	2	9	12:15			134	161	295	
00:30			3	1	4	12:30			128	113	241	
00:45			1	16	3	12:45			129	535	123	522
01:00			2	3	5	13:00			116	110	226	
01:15			3	4	7	13:15			103	97	200	
01:30			3	3	6	13:30			99	97	196	
01:45			3	11	1	13:45			151	469	107	411
02:00			2	3	5	14:00			138	116	254	
02:15			1	3	4	14:15			135	112	247	
02:30			3	2	5	14:30			126	107	233	
02:45			3	9	2	14:45			140	539	115	450
03:00			3	2	5	15:00			111	118	229	
03:15			2	3	5	15:15			138	113	251	
03:30			3	4	7	15:30			115	117	232	
03:45			1	9	5	15:45			111	475	98	446
04:00			4	5	9	16:00			128	100	228	
04:15			5	9	14	16:15			143	124	267	
04:30			10	10	20	16:30			138	113	251	
04:45			8	27	19	16:45			153	562	115	452
05:00			9	25	34	17:00			117	81	198	
05:15			4	28	32	17:15			139	121	260	
05:30			13	30	43	17:30			149	90	239	
05:45			19	45	16	17:45			123	528	108	400
06:00			27	36	63	18:00			124	110	234	
06:15			27	36	63	18:15			106	70	176	
06:30			33	48	81	18:30			87	73	160	
06:45			46	133	63	18:45			88	405	67	320
07:00			42	71	113	19:00			83	65	148	
07:15			40	57	97	19:15			74	69	143	
07:30			58	71	129	19:30			69	51	120	
07:45			64	204	84	19:45			65	291	40	225
08:00			76	66	142	20:00			47	50	97	
08:15			85	85	170	20:15			55	41	96	
08:30			76	86	162	20:30			51	43	94	
08:45			112	349	112	20:45			32	185	24	158
09:00			105	118	223	21:00			33	27	60	
09:15			90	98	188	21:15			28	16	44	
09:30			84	91	175	21:30			27	25	52	
09:45			92	371	91	21:45			28	116	16	84
10:00			96	81	177	22:00			32	15	47	
10:15			76	83	159	22:15			12	18	30	
10:30			96	81	177	22:30			20	9	29	
10:45			77	345	91	22:45			20	84	15	57
11:00			100	101	201	23:00			13	17	30	
11:15			100	101	201	23:15			11	6	17	
11:30			86	89	175	23:30			6	9	15	
11:45			146	432	81	23:45			8	38	3	35
TOTALS			1951	2109	4060	TOTALS			4227	3560	7787	
SPLIT %			48.1%	51.9%	34.3%	SPLIT %			54.3%	45.7%	65.7%	

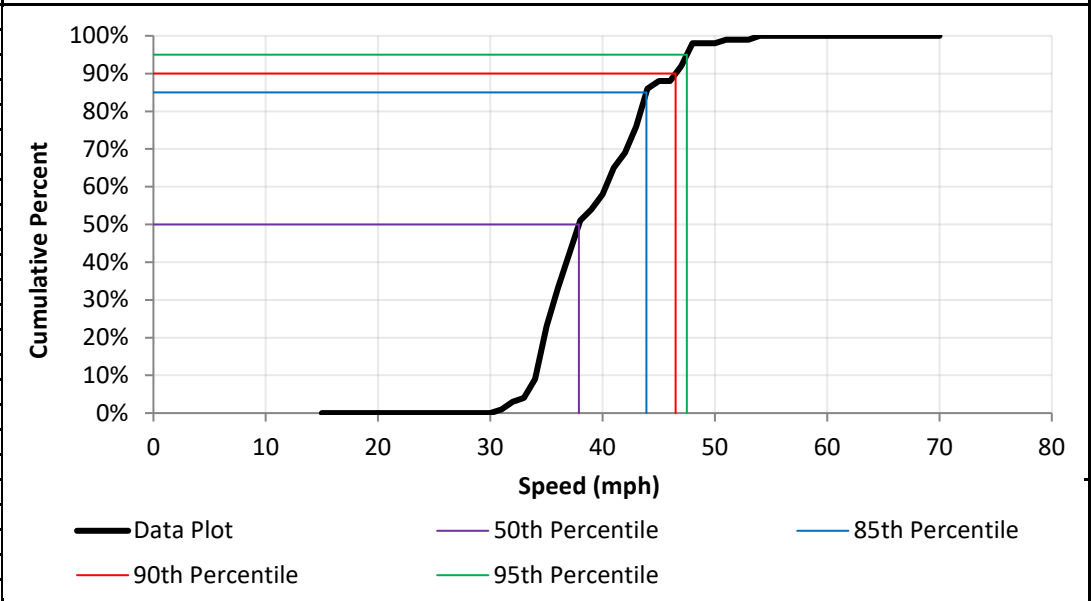
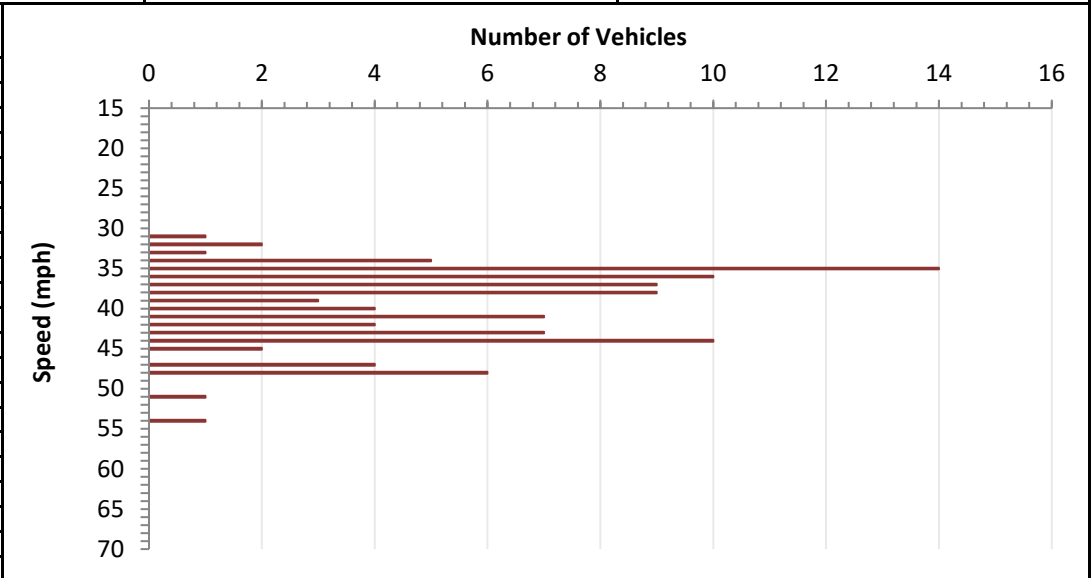
DAILY TOTALS					NB	SB	EB	WB	Total		
					0	0	6,178	5,669	11,847		
AM Peak Hour			11:45	11:45	11:45	PM Peak Hour			16:00	12:00	12:00
AM Pk Volume			552	480	1032	PM Pk Volume			562	522	1057
Pk Hr Factor			0.945	0.745	0.875	Pk Hr Factor			0.918	0.811	0.896
7 - 9 Volume	0	0	553	632	1185	4 - 6 Volume	0	0	1090	852	1942
7 - 9 Peak Hour			08:00	08:00	08:00	4 - 6 Peak Hour			16:00	16:00	16:00
7 - 9 Pk Volume	0	0	349	349	698	4 - 6 Pk Volume	0	0	562	452	1014
Pk Hr Factor	0.000	0.000	0.779	0.779	0.779	Pk Hr Factor	0.000	0.000	0.918	0.911	0.946



RADAR SPEED SURVEY SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

Road Name: Alpine Bl	From: 500' E/o Marshall Rd	To: Honey Hill Ranch Rd
Position: at Bay Meadows Dr	Direction: EB/WB	
Date: 10/6/2020	Weather: Clear	Project Number: 20-040200-001
Time Start: 9:15 AM	Road Condition: Dry	Observer: Contractor
Time End: 10:00 AM	Posted Speed: 40 MPH	Calibration Test: Y

Speed (mph)	Num. Veh.	Cum. Pct.
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		
26		
27		
28		
29		
30		
31	1	1.0%
32	2	3.0%
33	1	4.0%
34	5	9.0%
35	14	23.0%
36	10	33.0%
37	9	42.0%
38	9	51.0%
39	3	54.0%
40	4	58.0%
41	7	65.0%
42	4	69.0%
43	7	76.0%
44	10	86.0%
45	2	88.0%
46		
47	4	92.0%
48	6	98.0%
49		
50		
51	1	99.0%
52		
53		
54	1	100.0%
55		
56		
57		
58		
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61		
62		
63		
64		
65		
66		
67		
68		
69		
70		
Total	100	

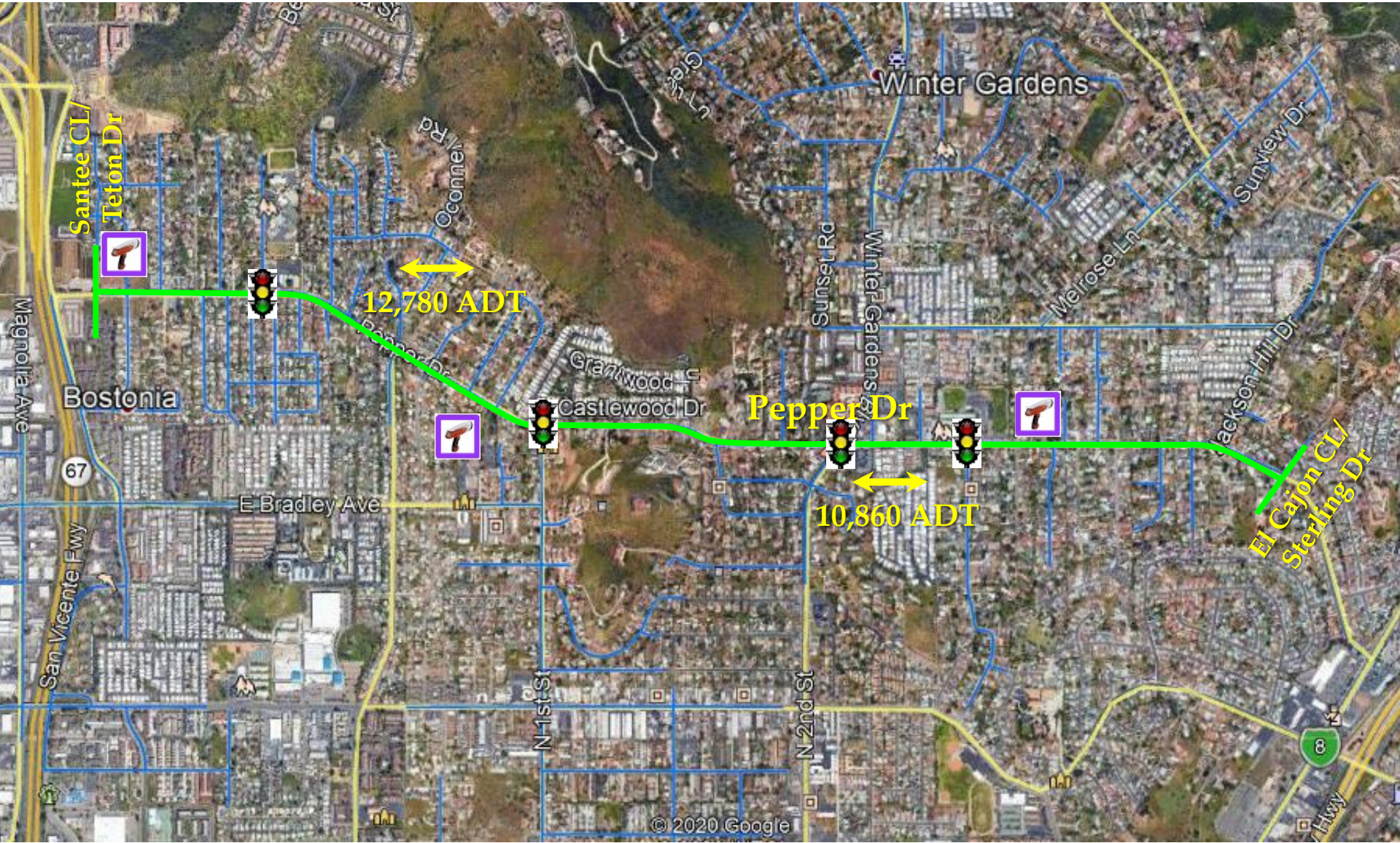


DATA ANALYSIS

Average Speed	39.7	Range	31 - 54
50th Percentile	37.9	10 mph Pace	35 - 44
85th Percentile	43.9	Number in Pace	77
90th Percentile	46.5	Percent in Pace	77%
95th Percentile	47.5		

2-C. Radar Certification

Pepper Dr fr Santee CL /Teton Dr to El Cajon CL /Sterling Dr (2.4 mi)



SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE

COMMITTEE REPORT OF: January 22, 2021 **Item 2-C**

SUPERVISORIAL DISTRICT: 2

SUBJECT: Radar Certification

LOCATION: Pepper Drive from Santee city limit/Teton Dr to El Cajon city limit/Sterling Dr (a distance of 2.4 miles)
BOSTONIA (Thos. Bros. 1251-F1)

INITIATED BY: DPW Traffic Engineering

REQUEST: Radar Certification

PROBLEM AS STATED BY REQUESTER:

Pepper Drive from Santee city limit/Teton Dr to El Cajon city limit/Sterling Dr is a posted 40 MPH speed zone. Preliminary review of prevailing speeds and roadway conditions could support certifying a 35 MPH speed limit for radar enforcement.

Existing Traffic Devices

Alpine Boulevard is a striped two-lane divided roadway with a 22 to 50 foot travelled lane on a 22 to 50 foot road bed. The roadway is striped with a no passing centerline and white edgeline for a majority of its length. This roadway is classified as a Light Collector/Major Road on the County General Plan Mobility Element Network. The road is currently posted 40 MPH Radar Enforced.

<u>Average Daily Traffic Volumes</u>	<u>01/21</u>	<u>06/15</u>	
Pepper Drive			
E/o Santee city limit	12,780*	11,020	*Estimate
330' E/o Cajon Avenue	10,860*	9,370	

<u>Speed Data</u>		<u>85th Percentile</u>	<u>10 MPH Pace</u>	<u>% in Pace</u>
Pepper Drive				
50' W/o Vulcan Street	(2020)	38.7 MPH	31-40	89.0%
220' E/o Roxanne Drive	(2015)	41.0 MPH	32-41	84.0%
200' E/o Clove Street	(2020)	39.8 MPH	32-41	86.0%
	(2015)	41.0 MPH	33-42	85.0%
50' W/o Wight Way	(2020)	39.3 MPH	31-40	94.0%
	(2015)	41.0 MPH	30-39	61.0%

Speed Zone	(2020)	39.3 MPH	31-40	89.7%
	(2015)	41.0 MPH	32-41	76.7%

Collision Data

There have been 63 reported collision along this segment of roadway, 20 of which involved injury and 2 of which involved injury, in a 3 year period (06-01-17 to 05-31-20). These collisions resulted in a segment accident rate of 2.03 collisions per million vehicle miles. The statewide average is 1.60 collisions per million vehicle miles for similar suburban conventional 2 lanes or less with speeds less than 45 miles per hour.



County of San Diego

DEPARTMENT OF PUBLIC WORKS
5510 OVERLAND AVENUE, SUITE 410
SAN DIEGO, CA 92123-1237
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JEFF MONEDA
DIRECTOR

COUNTY TRAFFIC ENGINEER RECOMMENDATION

Date: January 12, 2021

Item Title: Speed Limit and Radar Certification

Location: Pepper Dr from Santee City Limit to El Cajon City Limit

CTE Recommendation: **Establish a 35 MPH Radar Enforced Speed Limit** *340*

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&T Survey 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 or 85th % speed of motorists.
- Pepper Drive from Santee City Limit to El Cajon City Limit is a two-lane roadway that measures approximately 25 to 27 feet in width throughout its length of 2.4 miles. There is a double yellow centerline marking.
- Pepper Drive has several residential driveways taking direct access, as well as an elementary school along the segment. The roadway is curvilinear with limited shoulders.

- Recent speed surveys on Pepper Drive taken in October and December 2020 at three locations within the subject segment, resulted in an overall average prevailing speed of 39.2 mph, which supports a speed limit of 35 mph using radar for speed enforcement.
- Pursuant to CVC Section 22358.3 coupled with the above conditions on Pepper Drive and the guidance of the California MUTCD, 35 mph radar enforced speed limit on Pepper Drive within the two-lane roadway section is reasonable and safe.



RADAR SPEED SURVEY SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

Road Name: Pepper Dr **From:** Teton Dr **To:** Rockview Dr

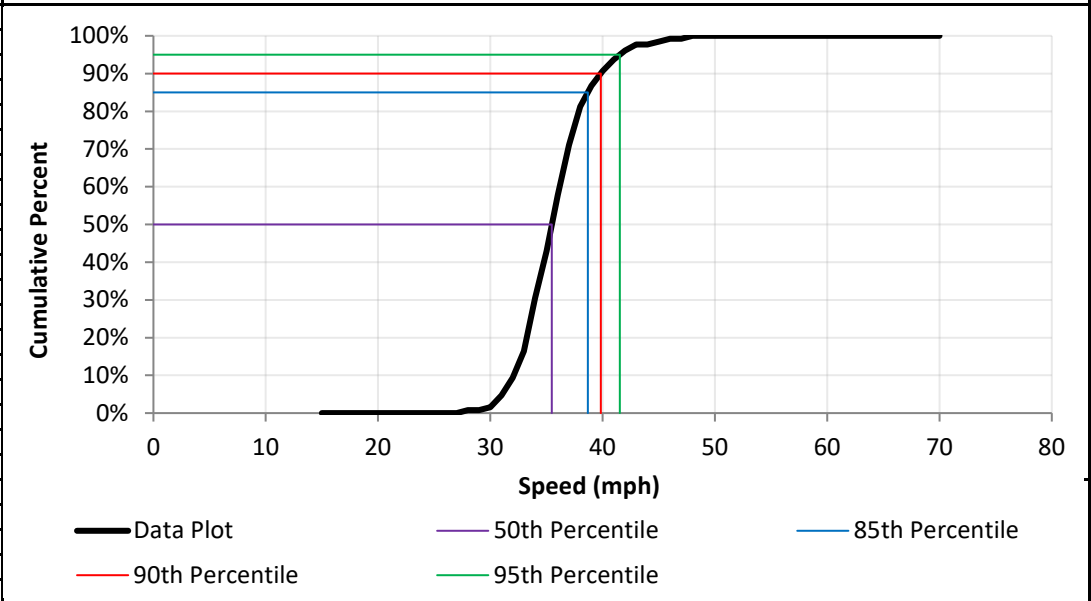
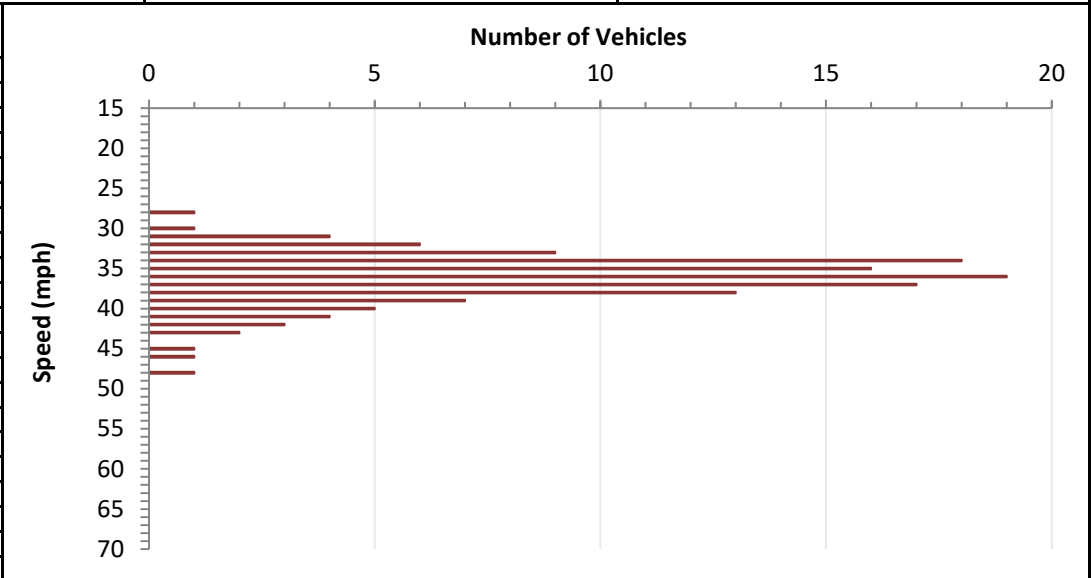
Position: 50 feet W/O Vulcan St **Direction:** WB/EB

Date: 10/2/2020 **Weather:** Clear **Project Number:** 0

Time Start: 10:35 AM **Road Condition:** DRY **Observer:** Barra Manaseer

Time End: 11:30 AM **Posted Speed:** 40 MPH **Calibration Test:** 0

Speed (mph)	Num. Veh.	Cum. Pct.
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		
26		
27		
28	1	0.8%
29		
30	1	1.6%
31	4	4.7%
32	6	9.4%
33	9	16.4%
34	18	30.5%
35	16	43.0%
36	19	57.8%
37	17	71.1%
38	13	81.3%
39	7	86.7%
40	5	90.6%
41	4	93.8%
42	3	96.1%
43	2	97.7%
44		
45	1	98.4%
46	1	99.2%
47		
48	1	100.0%
49		
50		
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67		
68		
69		
70		
Total	128	



DATA ANALYSIS

Average Speed	36.2	Range	28 - 48
50th Percentile	35.5	10 mph Pace	31 - 40
85th Percentile	38.7	Number in Pace	114
90th Percentile	39.8	Percent in Pace	89%
95th Percentile	41.5		



RADAR SPEED SURVEY SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

Road Name: Pepper Dr **From:** Graves Ave **To:** County Limit

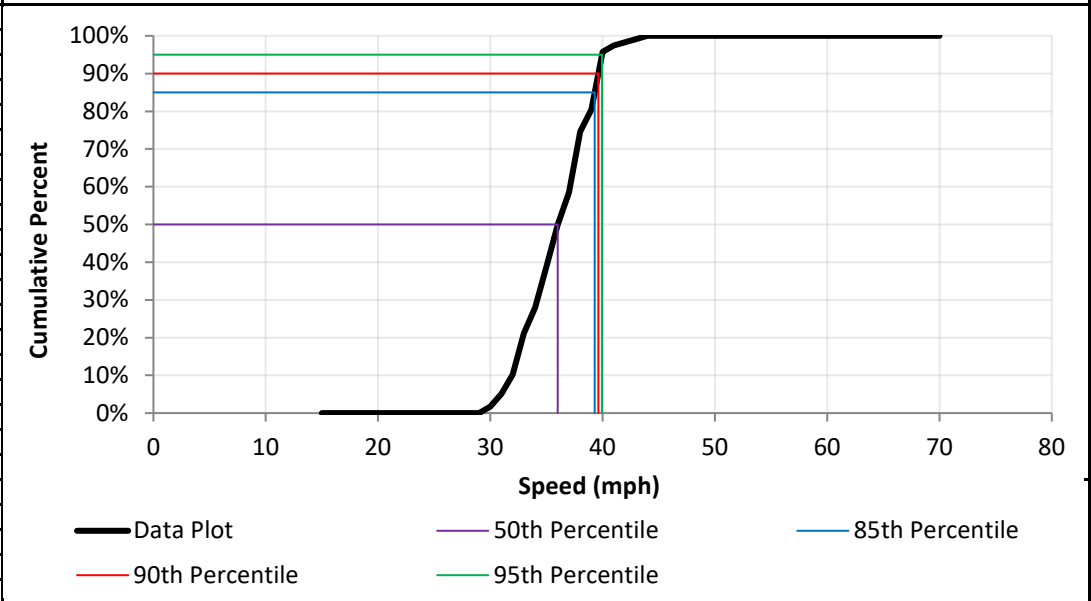
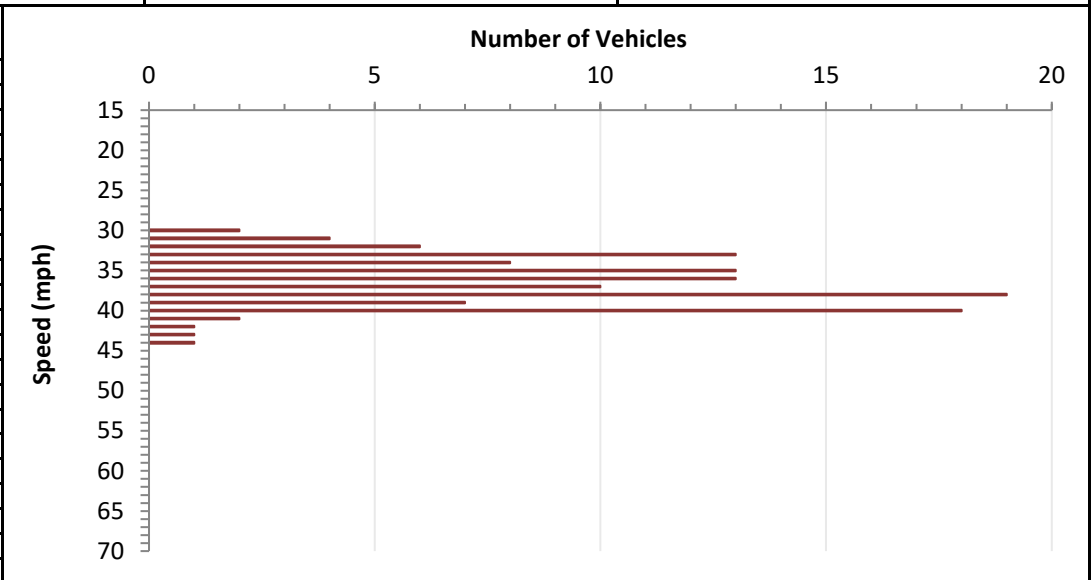
Position: 50 feet W/O Wight Wy **Direction:** WB/EB

Date: 12/9/2020 **Weather:** Clear **Project Number:** 0

Time Start: 12:00 PM **Road Condition:** DRY **Observer:** Barra Manaseer

Time End: 1:00 PM **Posted Speed:** 40 MPH **Calibration Test:** 0

Speed (mph)	Num. Veh.	Cum. Pct.
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		
26		
27		
28		
29		
30	2	1.7%
31	4	5.1%
32	6	10.2%
33	13	21.2%
34	8	28.0%
35	13	39.0%
36	13	50.0%
37	10	58.5%
38	19	74.6%
39	7	80.5%
40	18	95.8%
41	2	97.5%
42	1	98.3%
43	1	99.2%
44	1	100.0%
45		
46		
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67		
68		
69		
70		
Total	118	



DATA ANALYSIS

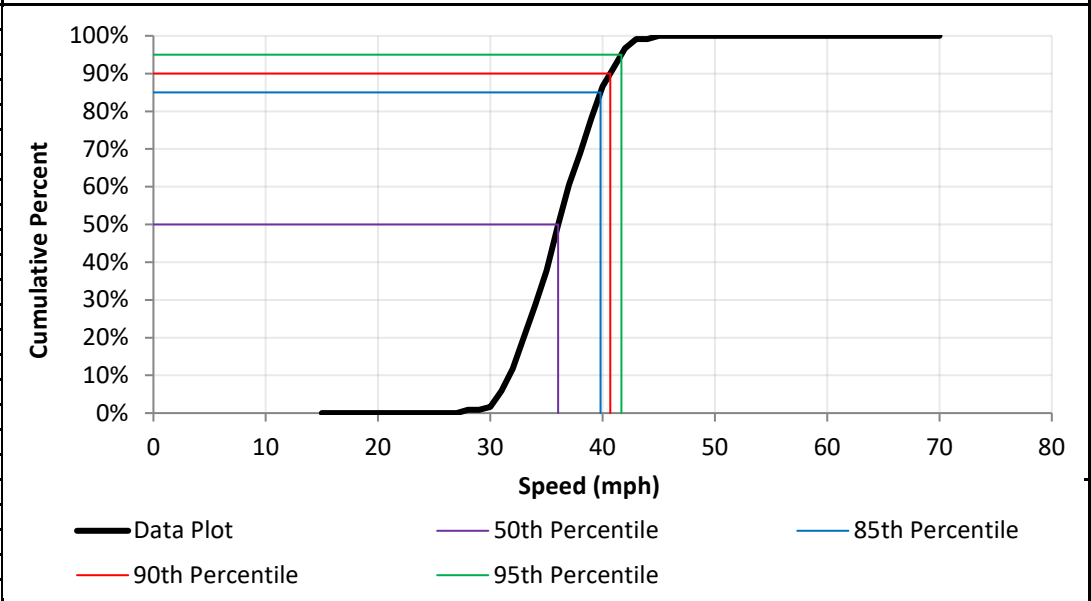
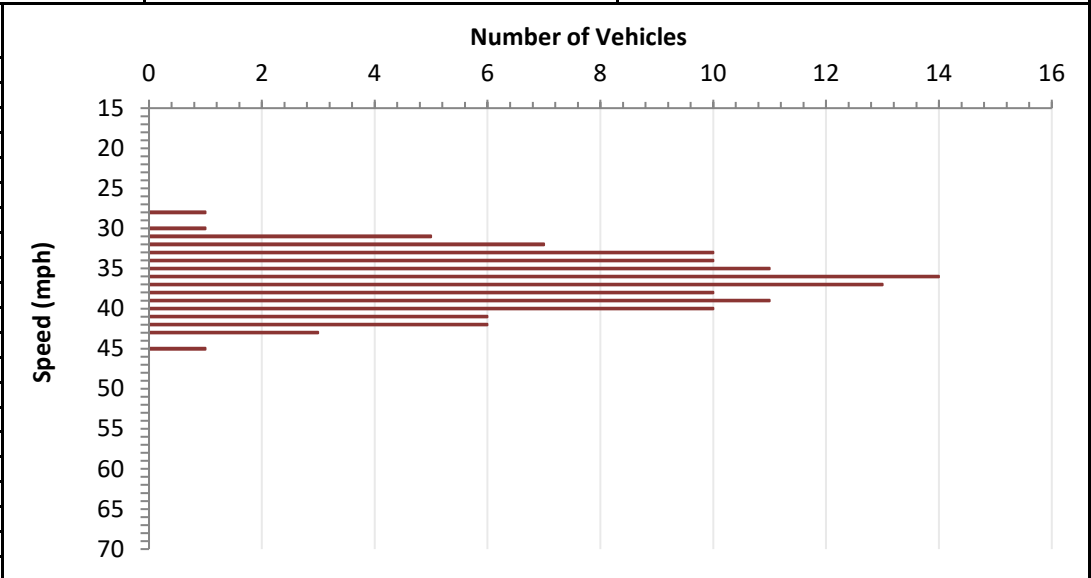
Average Speed	36.4	Range	30 - 44
50th Percentile	36.0	10 mph Pace	31 - 40
85th Percentile	39.3	Number in Pace	111
90th Percentile	39.6	Percent in Pace	94%
95th Percentile	40.0		



RADAR SPEED SURVEY SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

Road Name: Pepper Dr	From: Graves Ave	To: County Limit
Position: 200 feet W/O Clove St	Direction: WB/EB	
Date: 12/8/2020	Weather: Cloudy	Project Number: 0
Time Start: 12:00 PM	Road Condition: DRY	Observer: Barra Manaseer
Time End: 1:00 PM	Posted Speed: 40 MPH	Calibration Test: 0

Speed (mph)	Num. Veh.	Cum. Pct.
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		
26		
27		
28	1	0.8%
29		
30	1	1.7%
31	5	5.9%
32	7	11.8%
33	10	20.2%
34	10	28.6%
35	11	37.8%
36	14	49.6%
37	13	60.5%
38	10	68.9%
39	11	78.2%
40	10	86.6%
41	6	91.6%
42	6	96.6%
43	3	99.2%
44		
45	1	100.0%
46		
47		
48		
49		
50		
51		
52		
53		
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61		
62		
63		
64		
65		
66		
67		
68		
69		
70		
Total	119	



DATA ANALYSIS

Average Speed	36.6	Range	28 - 45
50th Percentile	36.0	10 mph Pace	32 - 41
85th Percentile	39.8	Number in Pace	102
90th Percentile	40.7	Percent in Pace	86%
95th Percentile	41.7		

2-D. Radar Certification

Camino Canada fr Los Coches Rd to Rancho Canada Rd (0.52 mi)



RaSAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE

COMMITTEE REPORT OF: January 22, 2021 **Item 2-D**

SUPERVISORIAL DISTRICT: 2

SUBJECT: Radar Certification

LOCATION: Camino Canada from Los Coches Road to Rancho Canada Road (a distance of 0.52 miles) LAKESIDE (Thos. Bros. 1252-D1)

INITIATED BY: DPW Traffic Engineering

REQUEST: Radar Certification

PROBLEM AS STATED BY REQUESTER:

Camino Canada from Los Coches Road to Rancho Canada Road is a posted 35 MPH speed zone. Preliminary review of prevailing speeds and roadway conditions could support certifying the existing 35 MPH speed limit for radar enforcement.

Existing Traffic Devices

Camino Canada is a striped two-lane divided roadway with a 32 to 48 foot travelled lane on a 32 to 66 foot road bed. The roadway is striped with a no passing centerline and white edgeline. This roadway is unclassified on the County General Plan Mobility Element Network. The road is currently posted 35 MPH Radar Enforced.

Average Daily Traffic Volumes

	<u>01/21</u>	<u>03/18</u>	
Camino Canada			
W/o E County Drive	4,339*	3,971	*Estimate

		<u>85th Percentile</u>	<u>10 MPH Pace</u>	<u>% in Pace</u>
<u>Speed Data</u>				
Camino Canada				
600' E/o E County Drive	(2020)	39.6 MPH	31-40	76.0%
	(2011)	39.0 MPH	31-40	77.1%

Collision Data

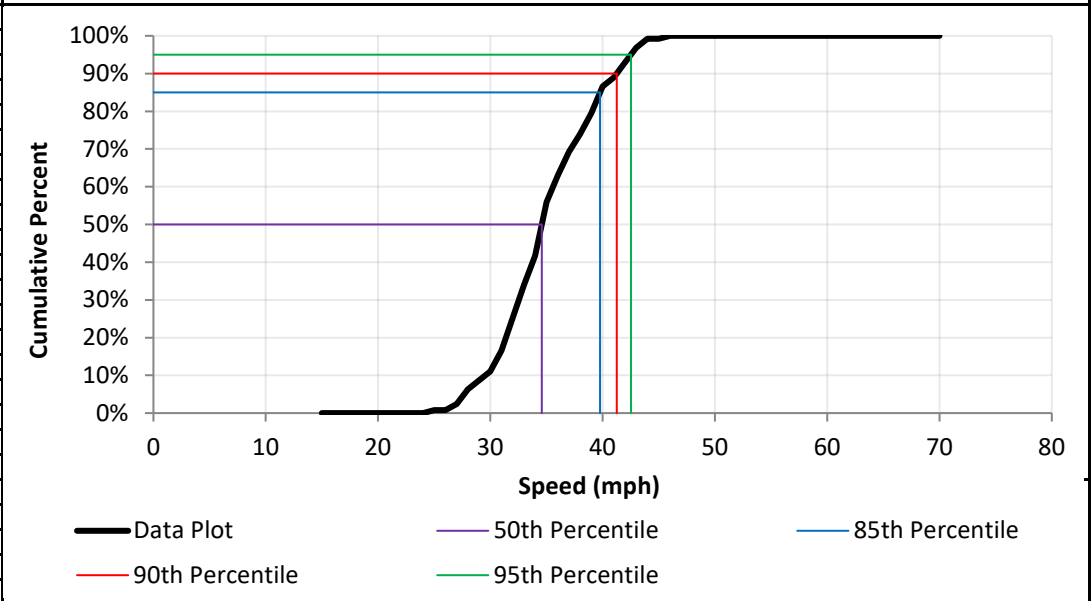
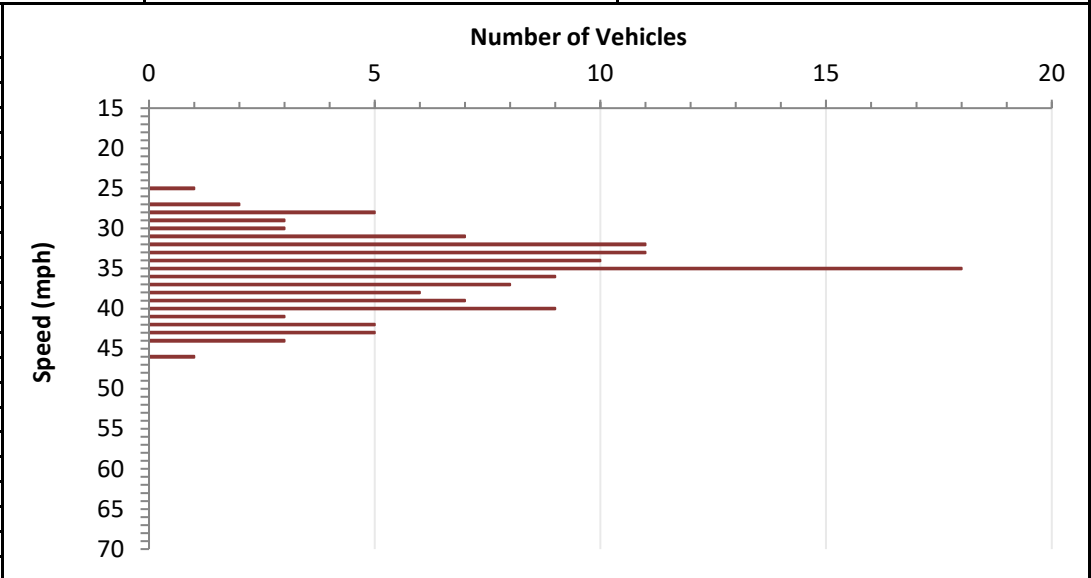
There have been 7 reported collision along this segment of roadway, 1 of which involved injury, in a 3 year period (06-01-17 to 05-31-20). These collisions resulted in a segment accident rate of 2.84 collisions per million vehicle miles. The statewide average is 1.60 collisions per million vehicle miles for similar suburban conventional 2 lanes or less with speeds less than 45 miles per hour.



RADAR SPEED SURVEY SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

Road Name: Camino Canada	From: Los Cocheros Rd	To: Rancho Canada Rd
Position: 600' E/o E County Dr	Direction: EB/WB	
Date: 1/6/2021	Weather: Clear	Project Number: N/A
Time Start: 10:10 AM	Road Condition: Dry	Observer: County
Time End: 11:40 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	1	0.8%
26		
27	2	2.4%
28	5	6.3%
29	3	8.7%
30	3	11.0%
31	7	16.5%
32	11	25.2%
33	11	33.9%
34	10	41.7%
35	18	55.9%
36	9	63.0%
37	8	69.3%
38	6	74.0%
39	7	79.5%
40	9	86.6%
41	3	89.0%
42	5	92.9%
43	5	96.9%
44	3	99.2%
45		
46	1	100.0%
47		
48		
49		
50		
51		
52		
53		
54		
55		
56		
57		
58		
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60		
61		
62		
63		
64		
65		
66		
67		
68		
69		
70		
Total	127	

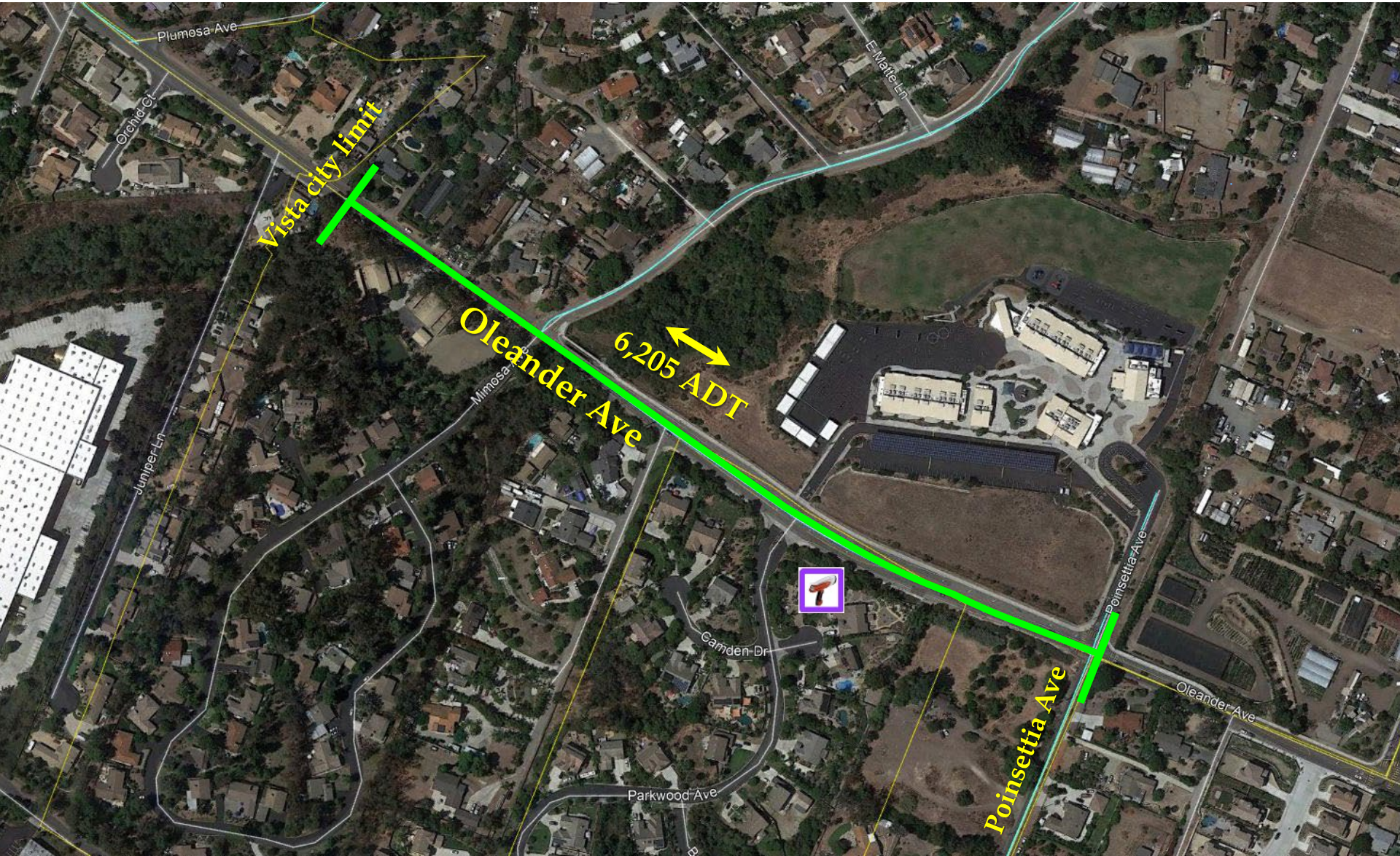


DATA ANALYSIS

Average Speed	35.5	Range	25 - 46
50th Percentile	34.6	10 mph Pace	31 - 40
85th Percentile	39.8	Number in Pace	96
90th Percentile	41.3	Percent in Pace	76%
95th Percentile	42.5		

5-A. Radar Certification

Oleander Ave fr Vista CL (near Jupiter Ln) to Poinsettia Ave (0.37 mi)



SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE

COMMITTEE REPORT OF: January 22, 2021 **Item 5-A**

SUPERVISORIAL DISTRICT: 5

SUBJECT: Radar Certification

LOCATION: Oleander Avenue from Vista city limit (near Jupiter Ln) to Poinsettia Avenue (a distance of 0.37 miles) VISTA (Thos. Bros. 1108-B5)

INITIATED BY: DPW Traffic Engineering

REQUEST: Radar Certification

PROBLEM AS STATED BY REQUESTER:

Oleander from Vista city limit (near Jupiter Ln) to Poinsettia Avenue is a posted 35 MPH speed zone. Preliminary review of prevailing speeds and roadway conditions could support certifying the existing 35 MPH speed limit for radar enforcement.

Existing Traffic Devices

Oleander Avenue is a striped two-lane roadway with a 24 to 52 foot travelled lane on a 28 to 64 foot road bed. The roadway is striped with a no passing centerline, painted median and white edgeline. There is an all-way stop at the intersection of Mimosa Avenue. This roadway is unclassified on the County General Plan Mobility Element Network. The road is currently posted 35 MPH Radar Enforced.

Average Daily Traffic Volumes

	<u>01/21</u>	<u>06/16</u>	
Oleander Avenue			
200' E/o Parkwood Avenue	6,205*	5,513	*Estimate

	<u>85th Percentile</u>	<u>10 MPH Pace</u>	<u>% in Pace</u>
Oleander Avenue			
140' E/o Parkwood Avenue (2020)	39.9 MPH	31-40	80.0%
at Mimosa Avenue (2013)	42.2 MPH	33-42	67.1%

Collision Data

There has been 1 reported collision along this segment of roadway in a 3 year period (06-01-17 to 05-31-20). This collision resulted in a segment accident rate of 0.40 collisions per million vehicle miles. The statewide average is 1.60 collisions per million vehicle miles for similar suburban conventional 2 lanes or less with speeds less than 45 miles per hour.



RADAR SPEED SURVEY SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

Road Name: Oleander Av **From:** Vista CL (near Jupiter Ln) **To:** San Marcos CL (Poinsettia Av)

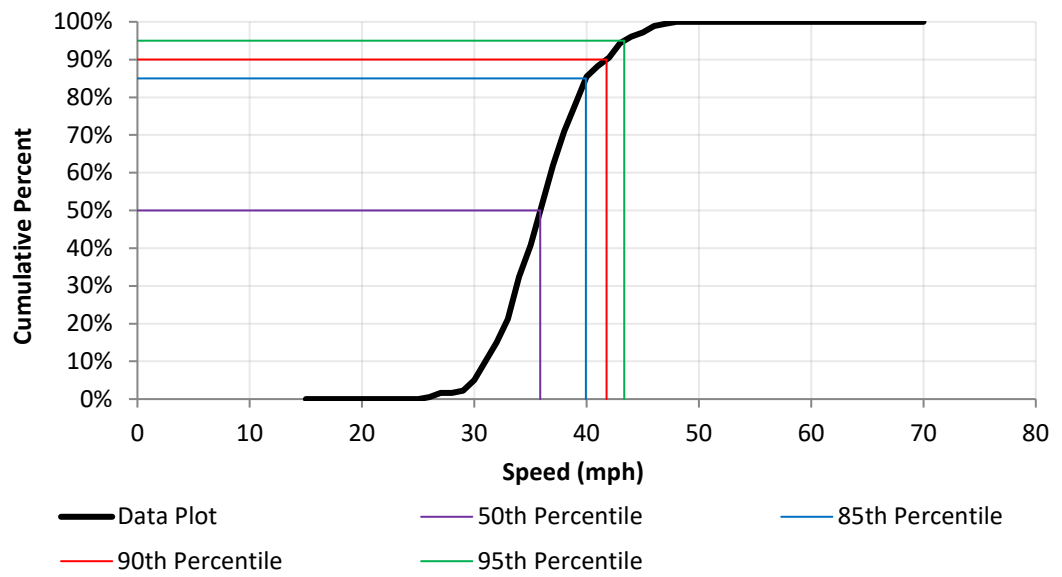
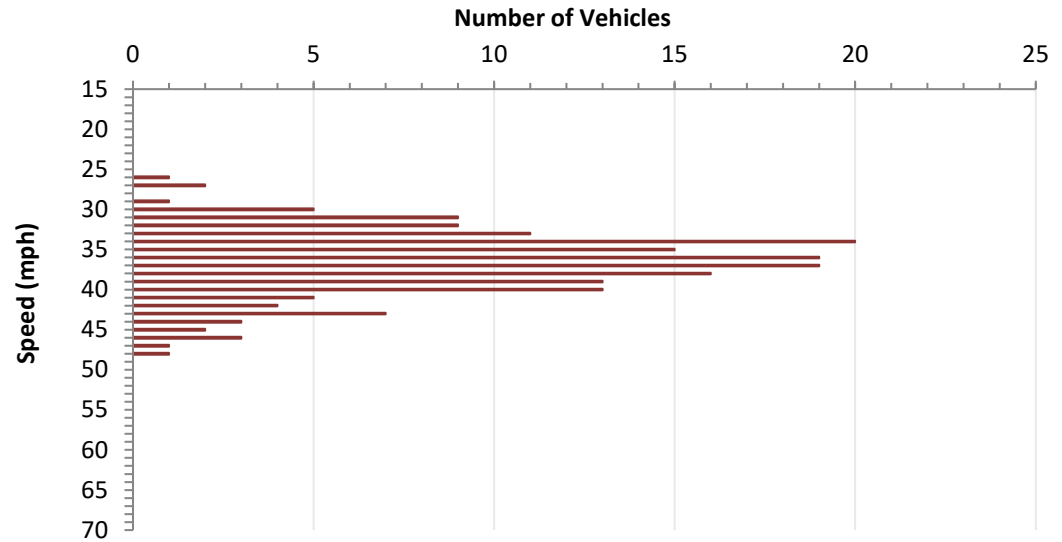
Position: 140' E/o Parkwood Av **Direction:** EB/WB

Date: 1/5/2021 **Weather:** Clear **Project Number:** N/a

Time Start: 11:45 AM **Road Condition:** Dry **Observer:** County

Time End: 12:45 PM **Posted Speed:** 35 MPH **Calibration Test:** Y

Speed (mph)	Num. Veh.	Cum. Pct.
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		
26	1	0.6%
27	2	1.7%
28		
29	1	2.2%
30	5	5.0%
31	9	10.1%
32	9	15.1%
33	11	21.2%
34	20	32.4%
35	15	40.8%
36	19	51.4%
37	19	62.0%
38	16	70.9%
39	13	78.2%
40	13	85.5%
41	5	88.3%
42	4	90.5%
43	7	94.4%
44	3	96.1%
45	2	97.2%
46	3	98.9%
47	1	99.4%
48	1	100.0%
49		
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68		
69		
70		
Total	179	



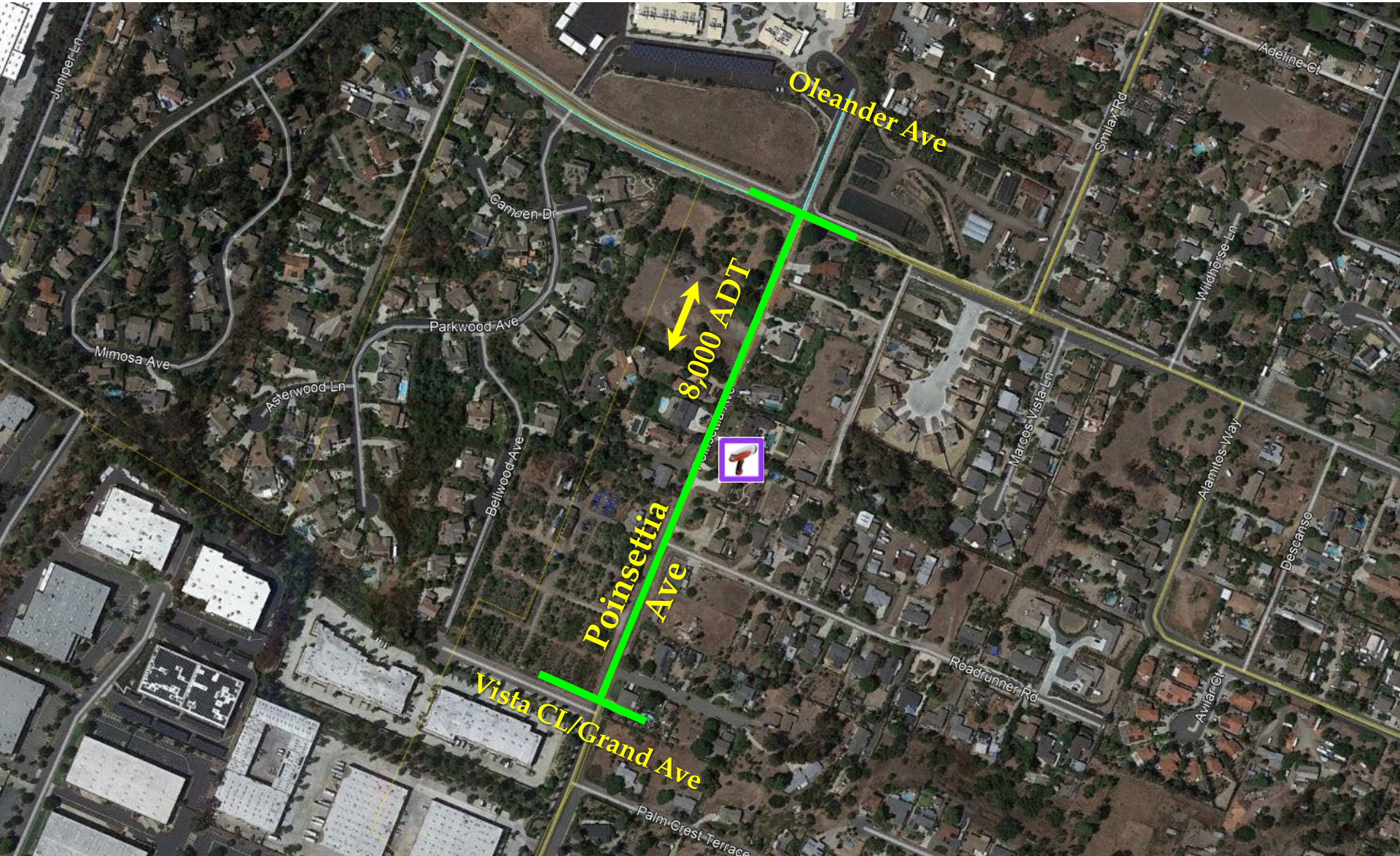
DATA ANALYSIS

Average Speed	36.6	Range	26 - 48
50th Percentile	35.9	10 mph Pace	31 - 40
85th Percentile	39.9	Number in Pace	144
90th Percentile	41.8	Percent in Pace	80%
95th Percentile	43.4		

5-B. Radar Certification

Poinsettia Ave fr Oleander Ave to Vista CL (Grand Ave)

(0.28 mi)



SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE

COMMITTEE REPORT OF: January 22, 2021 **Item 5-B**

SUPERVISORIAL DISTRICT: 5

SUBJECT: Radar Certification

LOCATION: Poinsettia Avenue from Oleander Avenue to Vista City Limit/Grand Avenue (a distance of 0.28 miles) VISTA (Thos. Bros. 1108-C6)

INITIATED BY: DPW Traffic Engineering

REQUEST: Radar Certification

PROBLEM AS STATED BY REQUESTER:

Poinsettia Avenue from Oleander Avenue to Grand Avenue is a posted 40 MPH speed zone. Preliminary review of prevailing speeds and roadway conditions could support certifying a lower 35 MPH speed limit for radar enforcement.

Existing Traffic Devices

Poinsettia Avenue is a striped two-lane roadway with a 26 foot travelled and road bed. The roadway is striped with a no passing centerline. This roadway is classified as a Light Collector on the County General Plan Mobility Element Network. The road is currently posted 40 MPH Radar Enforced.

<u>Average Daily Traffic Volumes</u>	<u>01/21</u>	<u>10/13</u>	
Poinsettia Avenue			
700' S/o Oleander Avenue	8,000*	6,500	*Estimate

<u>Speed Data</u>	<u>85th Percentile</u>	<u>10 MPH Pace</u>	<u>% in Pace</u>
Poinsettia Avenue			
700' S/o Oleander Avenue (2020)	42.2 MPH	30-39	63.0%
(2013)	42.0 MPH	31-40	71.0%

Collision Data

There have been 7 reported collisions along this segment of roadway, 3 of which involved injury, in a 3 year period (06-01-17 to 05-31-20). These collisions resulted in a segment accident rate of 2.86 collisions per million vehicle miles. The statewide average is 1.60 collisions per million vehicle miles for similar suburban conventional 2 lanes or less with speeds less than 45 miles per hour.



RADAR SPEED SURVEY SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

Road Name: Poinsettia Av **From:** Oleander Av **To:** Vista/San Marcos Cl (Grand Av)

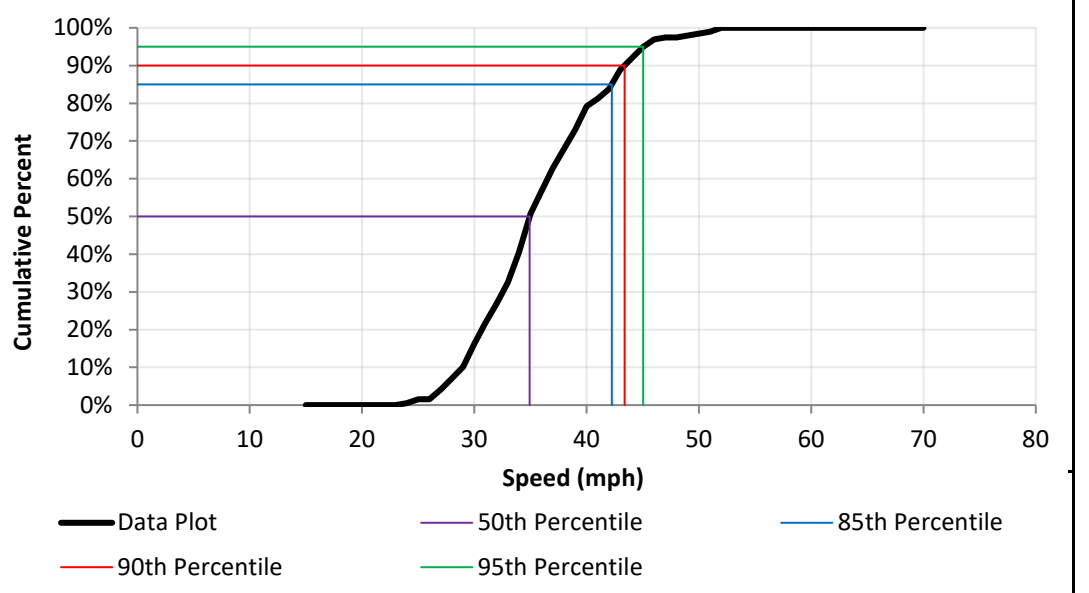
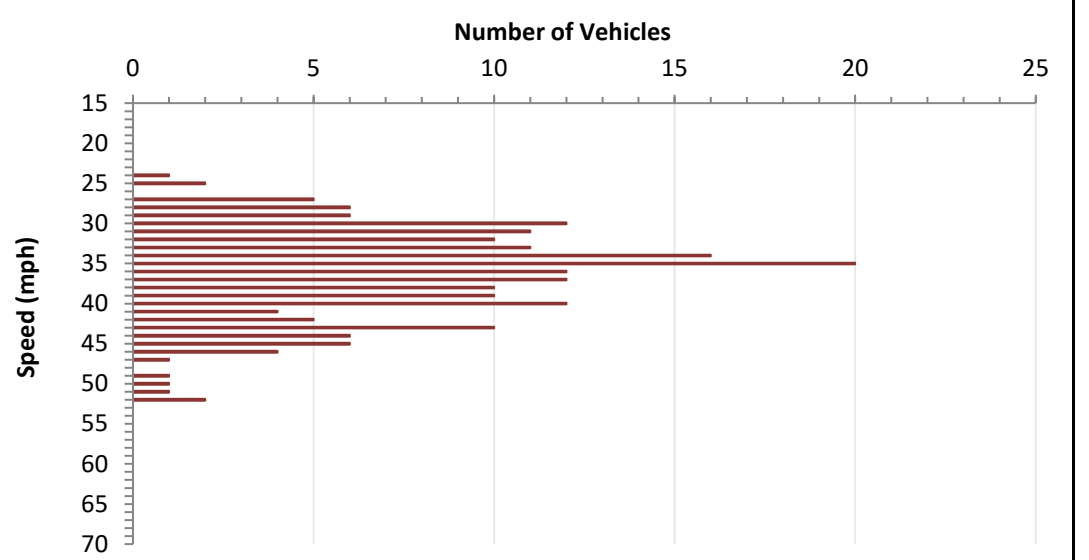
Position: 700' E/o Oleander Av **Direction:** EB/WB

Date: 1/5/2021 **Weather:** Clear **Project Number:** N/a

Time Start: 10:20 AM **Road Condition:** Dry **Observer:** County

Time End: 11:20 AM **Posted Speed:** 40 MPH **Calibration Test:** Y

Speed (mph)	Num. Veh.	Cum. Pct.
15		
16		
17		
18		
19		
20		
21		
22		
23		
24	1	0.5%
25	2	1.5%
26		
27	5	4.1%
28	6	7.1%
29	6	10.2%
30	12	16.2%
31	11	21.8%
32	10	26.9%
33	11	32.5%
34	16	40.6%
35	20	50.8%
36	12	56.9%
37	12	62.9%
38	10	68.0%
39	10	73.1%
40	12	79.2%
41	4	81.2%
42	5	83.8%
43	10	88.8%
44	6	91.9%
45	6	94.9%
46	4	97.0%
47	1	97.5%
48		
49	1	98.0%
50	1	98.5%
51	1	99.0%
52	2	100.0%
53		
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62		
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65		
66		
67		
68		
69		
70		
Total	197	



DATA ANALYSIS

Average Speed	36.2	Range	24 - 52
50th Percentile	34.9	10 mph Pace	30 - 39
85th Percentile	42.2	Number in Pace	124
90th Percentile	43.4	Percent in Pace	63%
95th Percentile	45.0		

5-C. Radar Certification

Valley Drive from Sunrise Drive to Vista City Limit (0.42 mi)



SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE

COMMITTEE REPORT OF: January 22, 2021 **Item 5-C**

SUPERVISORIAL DISTRICT: 5

SUBJECT: Radar Certification

LOCATION: Valley Drive from Sunrise Drive to Vista city limit (a distance of 0.42 miles) VISTA (Thos. Bros. 1088-B6)

INITIATED BY: DPW Traffic Engineering

REQUEST: Radar Certification

PROBLEM AS STATED BY REQUESTER:

Valley Drive from Sunrise Drive to Vista city limit is a posted 35 MPH speed zone. Preliminary review of prevailing speeds and roadway conditions could support certifying the existing 35 MPH speed limit for radar enforcement.

Existing Traffic Devices

Valley Drive is a striped two-lane roadway with a 26 foot travelled and road bed. The roadway is striped with a no passing centerline. This roadway is unclassified on the County General Plan Mobility Element Network. The road is currently posted 35 MPH.

Average Daily Traffic Volumes

	<u>01/21</u>	<u>10/13</u>	
Valley Drive			
N/o Gil Way	2,670*	2,171	*Estimate

<u>Speed Data</u>	<u>85th Percentile</u>	<u>10 MPH Pace</u>	<u>% in Pace</u>
Valley Drive			
400' N/o Gil Way (2020)	36.3 MPH	28-37	79.0%

Collision Data

There have been 0 reported collisions along this segment of roadway in a 3 year period (06-01-17 to 05-31-20).



RADAR SPEED SURVEY

SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

Road Name: Valley Dr **From:** Sunrise Dr **To:** Vista CL

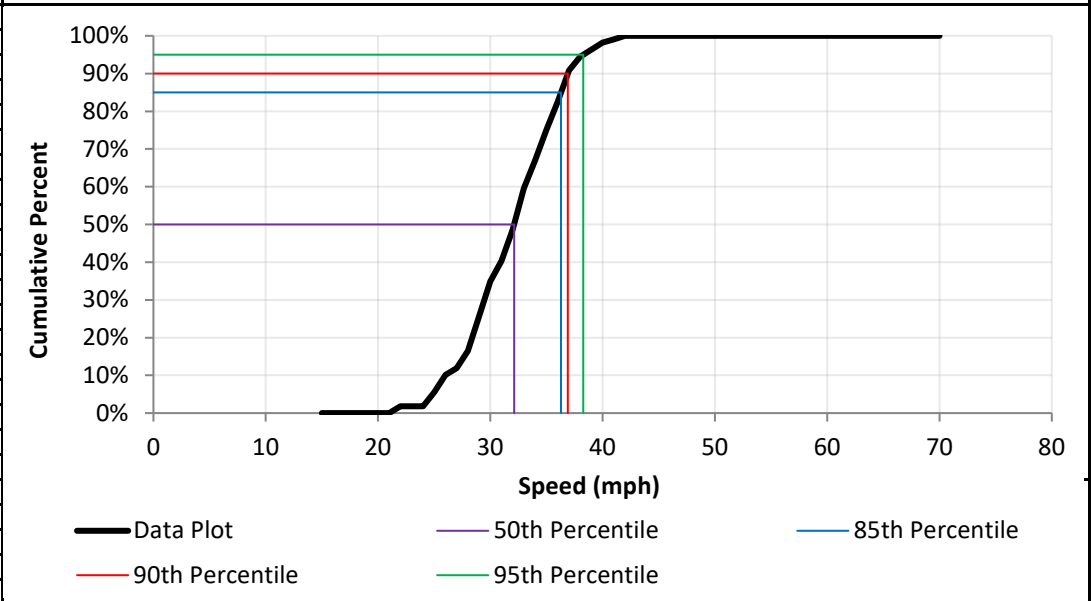
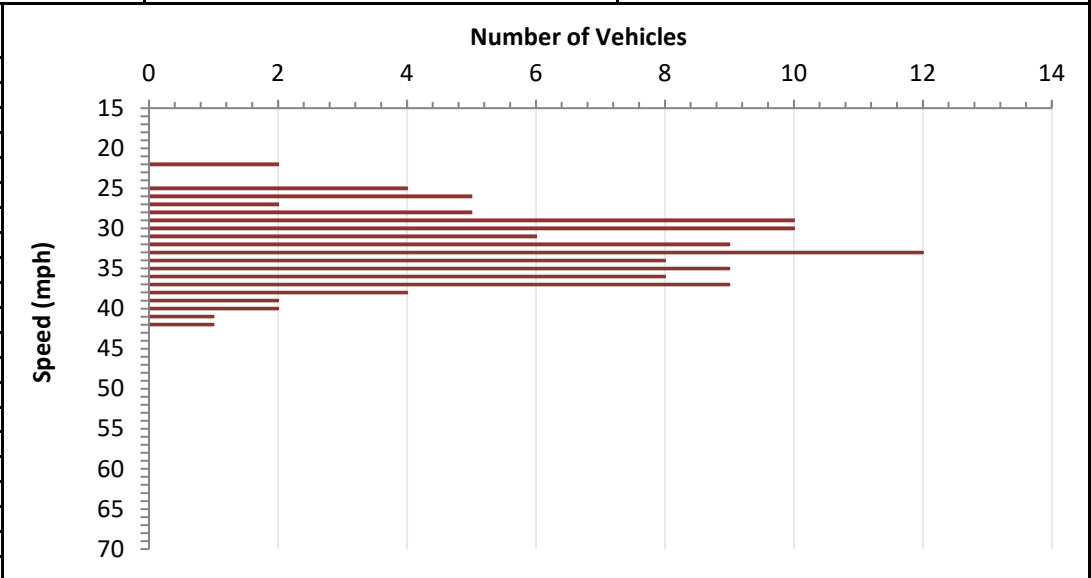
Position: 400' N/o Gil Wy **Direction:** EB/WB

Date: 1/5/2021 **Weather:** Clear **Project Number:** N/a

Time Start: 1:20 AM **Road Condition:** Dry **Observer:** County

Time End: 3:20 AM **Posted Speed:** 35 MPH **Calibration Test:** Y

Speed (mph)	Num. Veh.	Cum. Pct.
15		
16		
17		
18		
19		
20		
21		
22	2	1.8%
23		
24		
25	4	5.5%
26	5	10.1%
27	2	11.9%
28	5	16.5%
29	10	25.7%
30	10	34.9%
31	6	40.4%
32	9	48.6%
33	12	59.6%
34	8	67.0%
35	9	75.2%
36	8	82.6%
37	9	90.8%
38	4	94.5%
39	2	96.3%
40	2	98.2%
41	1	99.1%
42	1	100.0%
43		
44		
45		
46		
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57		
58		
59		
60		
61		
62		
63		
64		
65		
66		
67		
68		
69		
70		
Total	109	



DATA ANALYSIS

Average Speed	32.4	Range	22 - 42
50th Percentile	32.1	10 mph Pace	28 - 37
85th Percentile	36.3	Number in Pace	86
90th Percentile	36.9	Percent in Pace	79%
95th Percentile	38.3		