

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

Automobile Club of Southern
California
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
San Diego County Pacific Safety
Council
San Diego County
Sheriff's Department

April 13, 2018

TO: Community Planning/Sponsor Group Chairpersons

FROM: Secretary, Traffic Advisory Committee

MEETING NOTICE

Attached is the preliminary agenda for the April 27, 2018, meeting of the Traffic Advisory Committee (TAC). The meeting will begin at 9:00 AM in the following location:

Department of Public Works
Second Floor, Room 271
5510 Overland Avenue
San Diego, CA 92123

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:sh

Attachment



SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE

April 27, 2018 ~ 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 RECERTIFICATION	FURY LANE	RANCHO SAN DIEGO VALLE DE ORO	
2-B.	RADAR RECERTIFICATION	EDGEWOOD DRIVE/ GRANDVIEW DRIVE	CASA DE ORO	VALLE DE ORO
2-C.	RADAR RECERTIFICATION	CONRAD DRIVE	CASA DE ORO	VALLE DE ORO
2-D.	RADAR RECERTIFICATION	CONRAD DRIVE	CASA DE ORO	VALLE DE ORO
<u>SUPERVISORIAL DISTRICT 3</u>				
3-A.	RADAR RECERTIFICATION	DEL DIOS HIGHWAY	ESCONDIDO	N/A
<u>SUPERVISORIAL DISTRICT 5</u>				
5-A.	RADAR RECERTIFICATION	EL CAMINO DEL NORTE	RANCHO SANTA FE	SAN DIEGUITO
5-B.	RADAR RECERTIFICATION	BUENA CREEK ROAD	VISTA	TWIN OAKS VALLEY
5-C.	RADAR RECERTIFICATION	BUENA CREEK ROAD	VISTA	TWIN OAKS VALLEY
5-D.	RADAR RECERTIFICATION	BUENA CREEK ROAD	VISTA	TWIN OAKS VALLEY

SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE

COMMITTEE REPORT OF: April 27, 2018 **Item 2-A**

SUPERVISORIAL DISTRICT: 2

SUBJECT: Radar Recertification

LOCATION: Fury Lane from Avocado Boulevard to 300 feet east of Dorsie Lane (0.86 miles) RANCHO SAN DIEGO (Thos. Bros. 1271-F4)

INITIATED BY: DPW Traffic Engineering

REQUEST: Radar Recertification

PROBLEM AS STATED BY REQUESTER:

Fury Lane from Avocado Boulevard to 300 feet east of Dorsie Lane is posted 40 MPH Radar Enforced. Preliminary review of prevailing speeds and roadway conditions could support radar recertification.

Existing Traffic Devices

Fury Lane is a striped two-lane Through Highway that varies from 40 feet to 70 feet in width. There is a "25 MPH When Children Are Present" school zone in place. There are also bike lanes along both sides of the roadway. This roadway is classified as a Major Road on the County General Plan Mobility Element Network. The road is posted 40 MPH/Radar Enforced.

<u>Average Daily Traffic Volumes</u>	<u>2/18</u>	<u>04/11</u>
Fury Lane:		
100' W/o Sundown Lane	17,290*	
at Calle Verde		16,000*

* Estimated

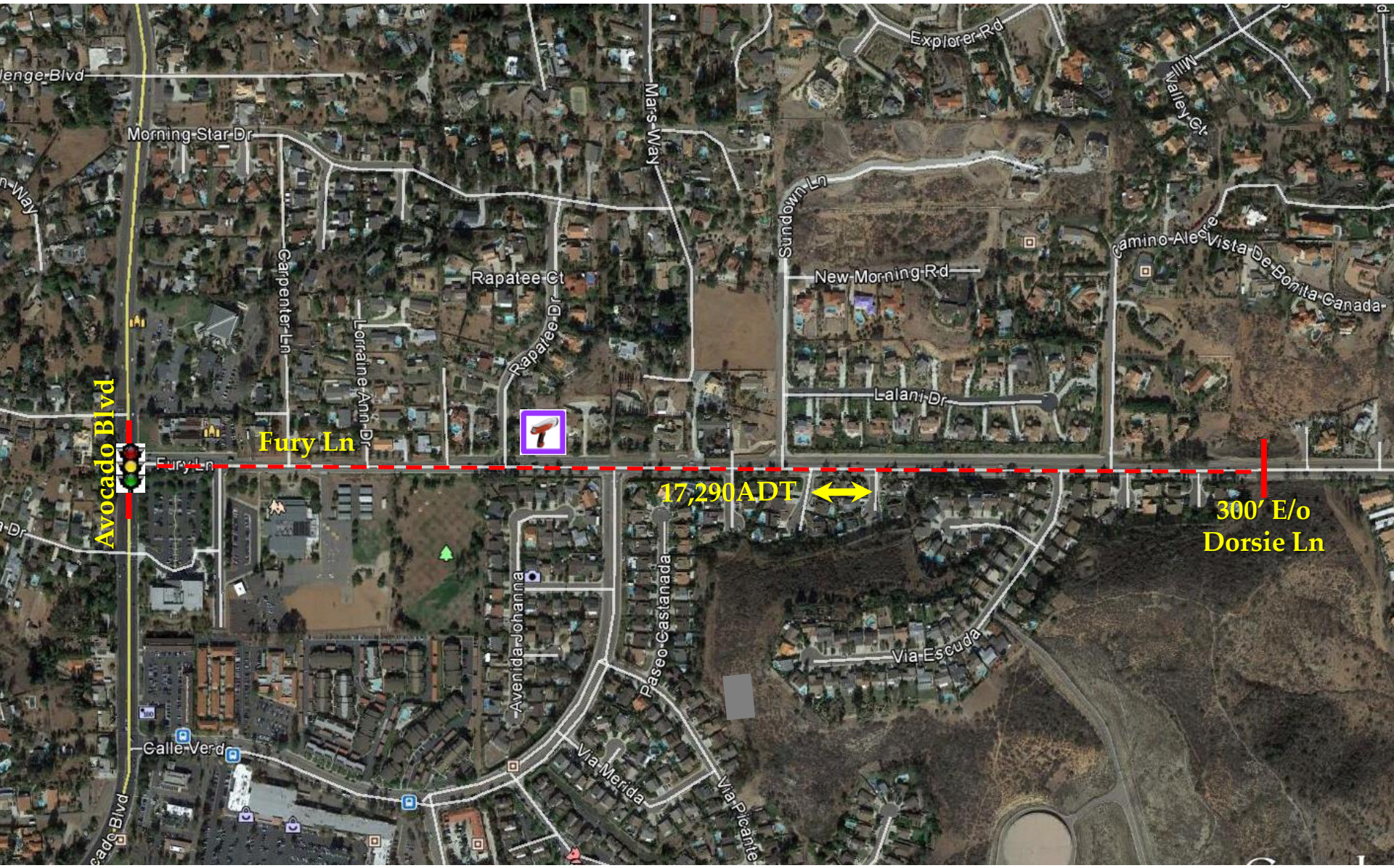
<u>Speed Data</u>		<u>85th Percentile</u>	<u>10 MPH Pace</u>	<u>% in Pace</u>
Fury Lane:				
225' W/o Calle Verde	(2018)	46.3 MPH	34-43	73.0%
130' E/o Paseo Zuniga	(2010)	42.6 MPH	35-44	67.2%

Collision Data

There have been 14 reported collisions along this segment of roadway, 6 of which involved injury, in a 5 year period (12-1-12 to 11-30-17). These collisions result in a segment accident rate of 0.52 collisions per million vehicle miles. The statewide average is 2.39 collisions per million vehicle miles for similar suburban conventional 2 lanes or less with speeds less than 45 mile per hour.

2-A. Radar Recertification

Fury Lane from Avocado Blvd to 300' E/o Dorsie Lane (0.86 miles)





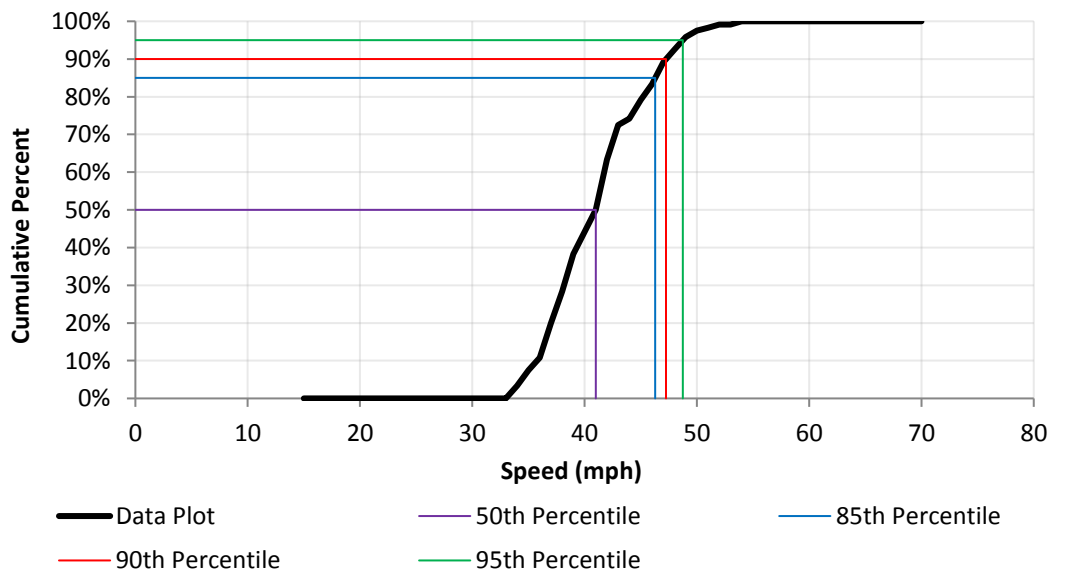
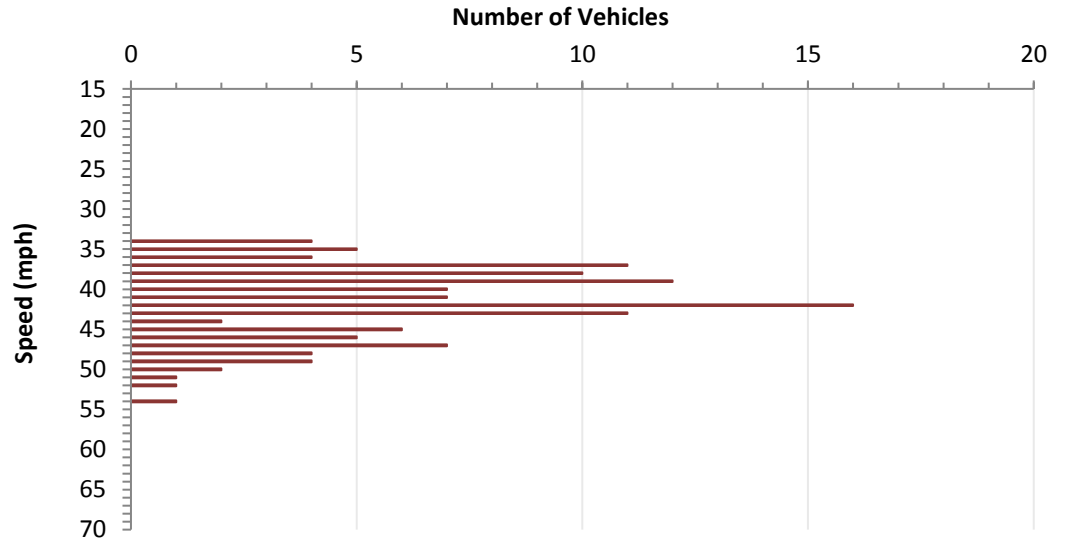
RADAR SPEED SURVEY

SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

Road Name:	Fury Ln	From:	Avocado Bl	To:	300' East of Dorsie Lane
Position:	225 feet w/o Calle Verde	Direction:	EB/WB		

Date:	3/19/2018	Weather:	CLEAR	Project Number:	0
Time Start:	11:50 AM	Road Condition:	DRY	Observer:	Baraa Almnaseer
Time End:	12:35 PM	Posted Speed:	40 MPH	Calibration Test:	N

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	4	3.3%
35	5	7.5%
36	4	10.8%
37	11	20.0%
38	10	28.3%
39	12	38.3%
40	7	44.2%
41	7	50.0%
42	16	63.3%
43	11	72.5%
44	2	74.2%
45	6	79.2%
46	5	83.3%
47	7	89.2%
48	4	92.5%
49	4	95.8%
50	2	97.5%
51	1	98.3%
52	1	99.2%
53		
54	1	100.0%
55		
56		
57		
58		
59		
60		
61		
62		
63		
64		
65		
66		
67		
68		
69		
70		
Total	120	



DATA ANALYSIS

Average Speed	41.5	Range	34 - 54
50th Percentile	41.0	10 mph Pace	34 - 43
85th Percentile	46.3	Number in Pace	87
90th Percentile	47.3	Percent in Pace	73%
95th Percentile	48.8		

SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE

COMMITTEE REPORT OF: April 27, 2018 **Item 2-B**

SUPERVISORIAL DISTRICT: 2

SUBJECT: Radar Recertification

LOCATION: Edgewood Drive/Grandview Drive from Bancroft Drive to Resmar Road (1.88 miles) CASA DE ORO (Thos. Bros. 1271-B3)

INITIATED BY: DPW Traffic Engineering

REQUEST: Radar Recertification

PROBLEM AS STATED BY REQUESTER:

Edgewood Drive/Grandview Drive from Bancroft Drive to Resmar Road is posted 35 MPH Radar Enforced. Preliminary review of prevailing speeds and roadway conditions could support radar recertification.

Existing Traffic Devices

Edgewood Drive/Grandview Drive is a striped two-lane Through Highway that varies from 24 feet to 40 feet in width. There is edge-striping on both sides of the roadway. The road is classified as a Minor Collector Road on Collector on the County General Plan Mobility Element Network. The road is posted 35 MPH/Radar Enforced.

<u>Average Daily Traffic Volumes</u>	<u>04/18</u>	<u>10/10</u>
Edgewood Drive/Grandview Drive:		
E/o Bancroft Drive	1,920*	1,550

*Estimated

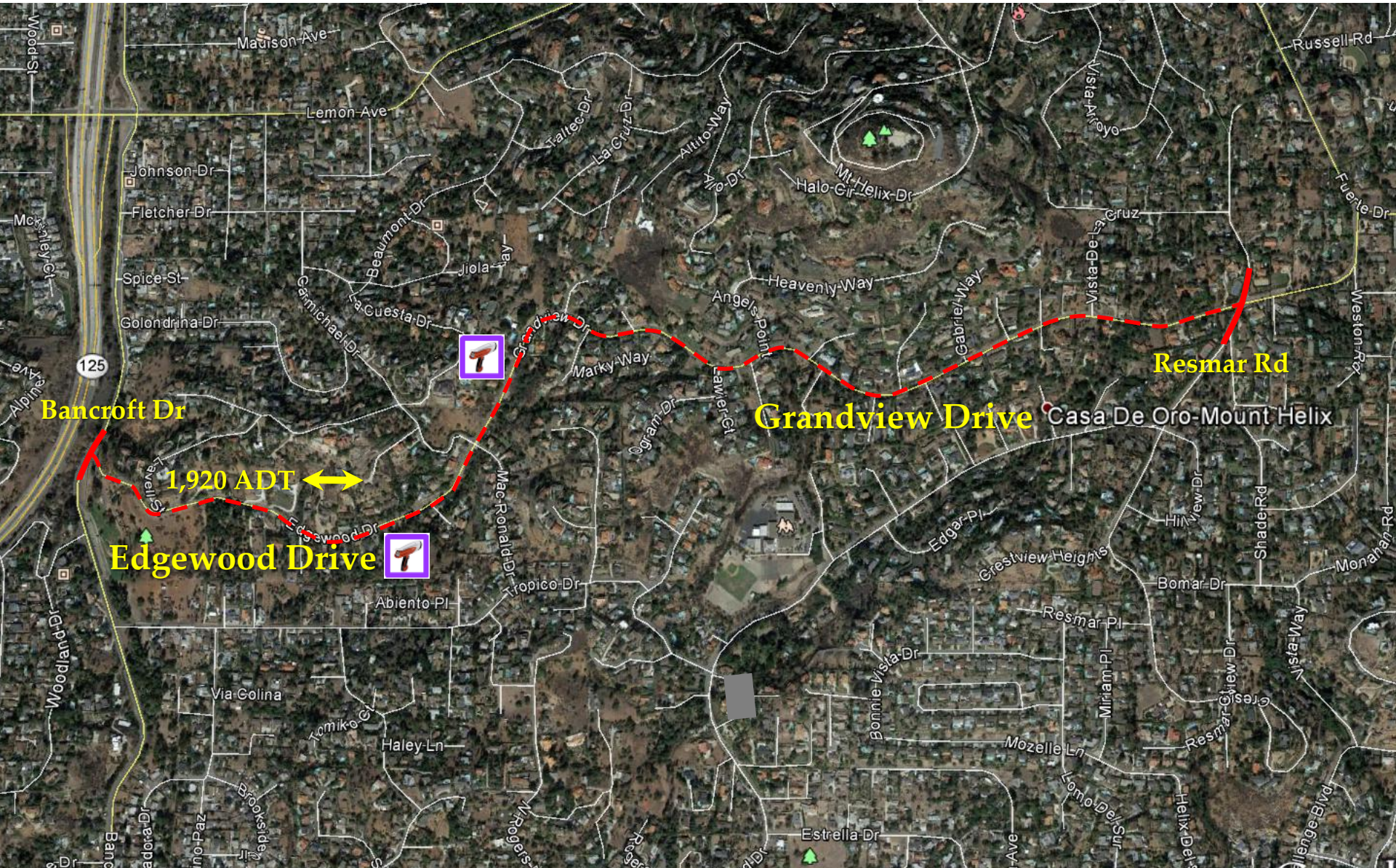
<u>Speed Data</u>		<u>85th Percentile</u>	<u>10 MPH Pace</u>	<u>% in Pace</u>
Edgewood Drive/Grandview Drive:				
850' W/o MacRonald Dr	(2018)	37.4 MPH	28-37	67.0%
	(2011)	41.3 MPH	28-37	67.0%
420' E/o MacRonald Dr	(2018)	39.0 MPH	31-40	70.0%
	(2011)	38.6 MPH	31-40	77.1%
Speed Zone	(2018)	38.2 MPH	30-39	68.5%

Collision Data

There have been 7 reported collisions along this segment of roadway, 4 of which involved injury, in a 4 year and 7 month period (5-1-13 to 11-30-17). These collisions result in a segment accident rate of 1.00 collisions per million vehicle miles. The statewide average is 2.39 collisions per million vehicle miles for similar suburban conventional 2 lanes or less with speeds less than 45 mile per hour.

2-B. Radar Recertification

Edgewood Drive/Grandview Drive from Bancroft Drive to Resmar Road (1.88 miles)





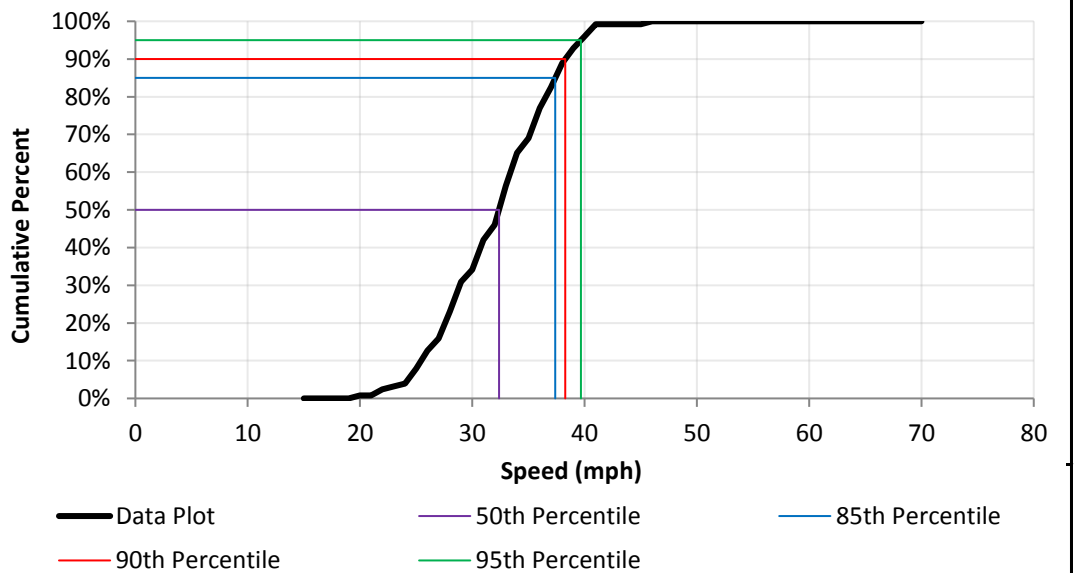
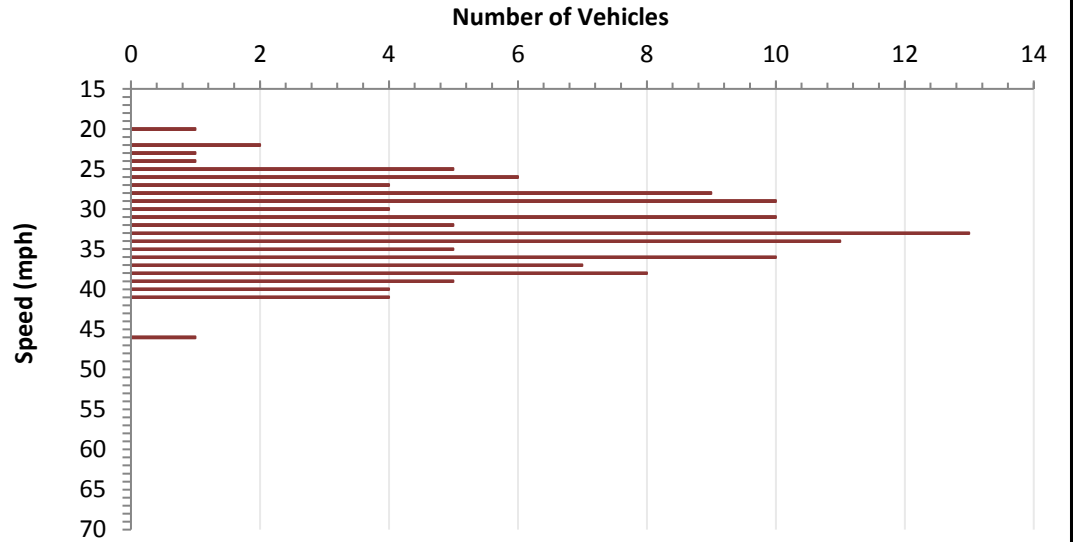
RADAR SPEED SURVEY

SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

Road Name:	Edgewood Dr/Grandview	From:	Bancroft Dr	To:	Resmar Road
Position:	850' W/O Mac Ronald Dr	Direction:	EB/WB		

Date:	2/23/2018	Weather:	Clear	Project Number:	0
Time Start:	11:10 AM	Road Condition:	Dry	Observer:	Contractor
Time End:	1:10 PM	Posted Speed:	35 mph	Calibration Test:	0

Speed (mph)	Num. Veh.	Cum. Pct.
15		
16		
17		
18		
19		
20	1	0.8%
21		
22	2	2.4%
23	1	3.2%
24	1	4.0%
25	5	7.9%
26	6	12.7%
27	4	15.9%
28	9	23.0%
29	10	31.0%
30	4	34.1%
31	10	42.1%
32	5	46.0%
33	13	56.3%
34	11	65.1%
35	5	69.0%
36	10	77.0%
37	7	82.5%
38	8	88.9%
39	5	92.9%
40	4	96.0%
41	4	99.2%
42		
43		
44		
45		
46	1	100.0%
47		
48		
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66		
67		
68		
69		
70		
Total	126	



DATA ANALYSIS

Average Speed	32.5	Range	20 - 46
50th Percentile	32.4	10 mph Pace	28 - 37
85th Percentile	37.4	Number in Pace	84
90th Percentile	38.3	Percent in Pace	67%
95th Percentile	39.7		



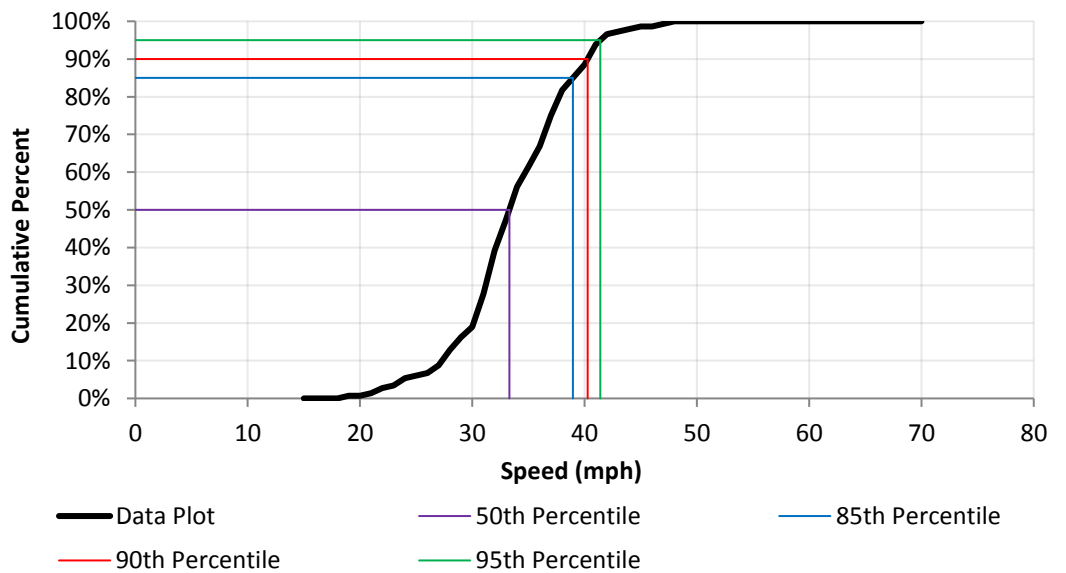
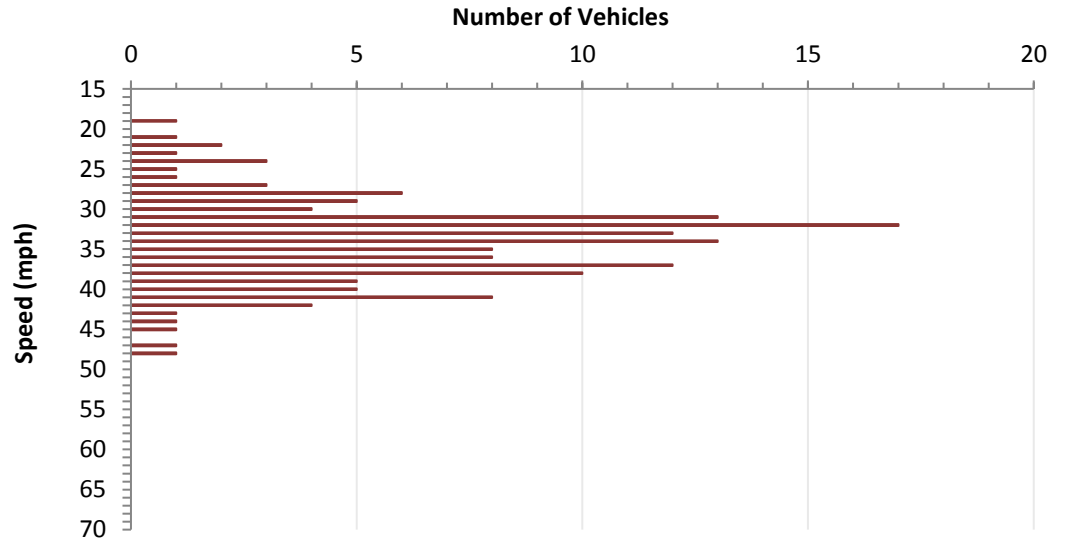
RADAR SPEED SURVEY

SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

Road Name:	Edgewood Dr/Grandview	From:	Bancroft Dr	To:	Resmar Road
Position:	420' E/O Mac Ronald Dr	Direction:	EB/WB		

Date:	2/23/2018	Weather:	Clear	Project Number:	0
Time Start:	9:00 AM	Road Condition:	Dry	Observer:	Contractor
Time End:	11:00 AM	Posted Speed:	35 mph	Calibration Test:	0

Speed (mph)	Num. Veh.	Cum. Pct.
15		
16		
17		
18		
19	1	0.7%
20		
21	1	1.4%
22	2	2.7%
23	1	3.4%
24	3	5.4%
25	1	6.1%
26	1	6.8%
27	3	8.8%
28	6	12.8%
29	5	16.2%
30	4	18.9%
31	13	27.7%
32	17	39.2%
33	12	47.3%
34	13	56.1%
35	8	61.5%
36	8	66.9%
37	12	75.0%
38	10	81.8%
39	5	85.1%
40	5	88.5%
41	8	93.9%
42	4	96.6%
43	1	97.3%
44	1	98.0%
45	1	98.6%
46		
47	1	99.3%
48	1	100.0%
49		
50		
51		
52		
53		
54		
55		
56		
57		
58		
59		
60		
61		
62		
63		
64		
65		
66		
67		
68		
69		
70		
Total	148	



DATA ANALYSIS

Average Speed	34.0	Range	19 - 48
50th Percentile	33.3	10 mph Pace	31 - 40
85th Percentile	39.0	Number in Pace	103
90th Percentile	40.3	Percent in Pace	70%
95th Percentile	41.4		

SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE

COMMITTEE REPORT OF: April 27, 2018 **Item 2-C**

SUPERVISORIAL DISTRICT: 2

SUBJECT: Radar Recertification

LOCATION: Conrad Drive from Campo Road to Vista del Sol (0.69 miles), CASA DE ORO (Thos. Bros. 1271-C5)

INITIATED BY: DPW Traffic Engineering

REQUEST: Radar Recertification

PROBLEM AS STATED BY REQUESTER:

Conrad Drive from Campo Road to Vista del Sol is posted 35 MPH Radar Enforced. Preliminary review of prevailing speeds and roadway conditions could support radar recertification.

Existing Traffic Devices

Conrad Drive is a predominantly a striped two-lane Through Highway that varies from 28 feet to 66 feet in width. North of Campo Road there is a short segment with two lanes for each direction of travel. There is a "25 MPH When Children Are Present" school zone adjacent to Spring Valley Middle School. The majority of Conrad Drive has edge-striping on both sides. The road is classified as a Community Collector Road on the County General Plan Mobility Element Network. The road is posted 35 MPH/Radar Enforced.

Average Daily Traffic Volumes

	<u>03/18</u>	<u>09/08</u>
Conrad Drive:		
150' S/o Rogers Road	3,325	3,520

Speed Data

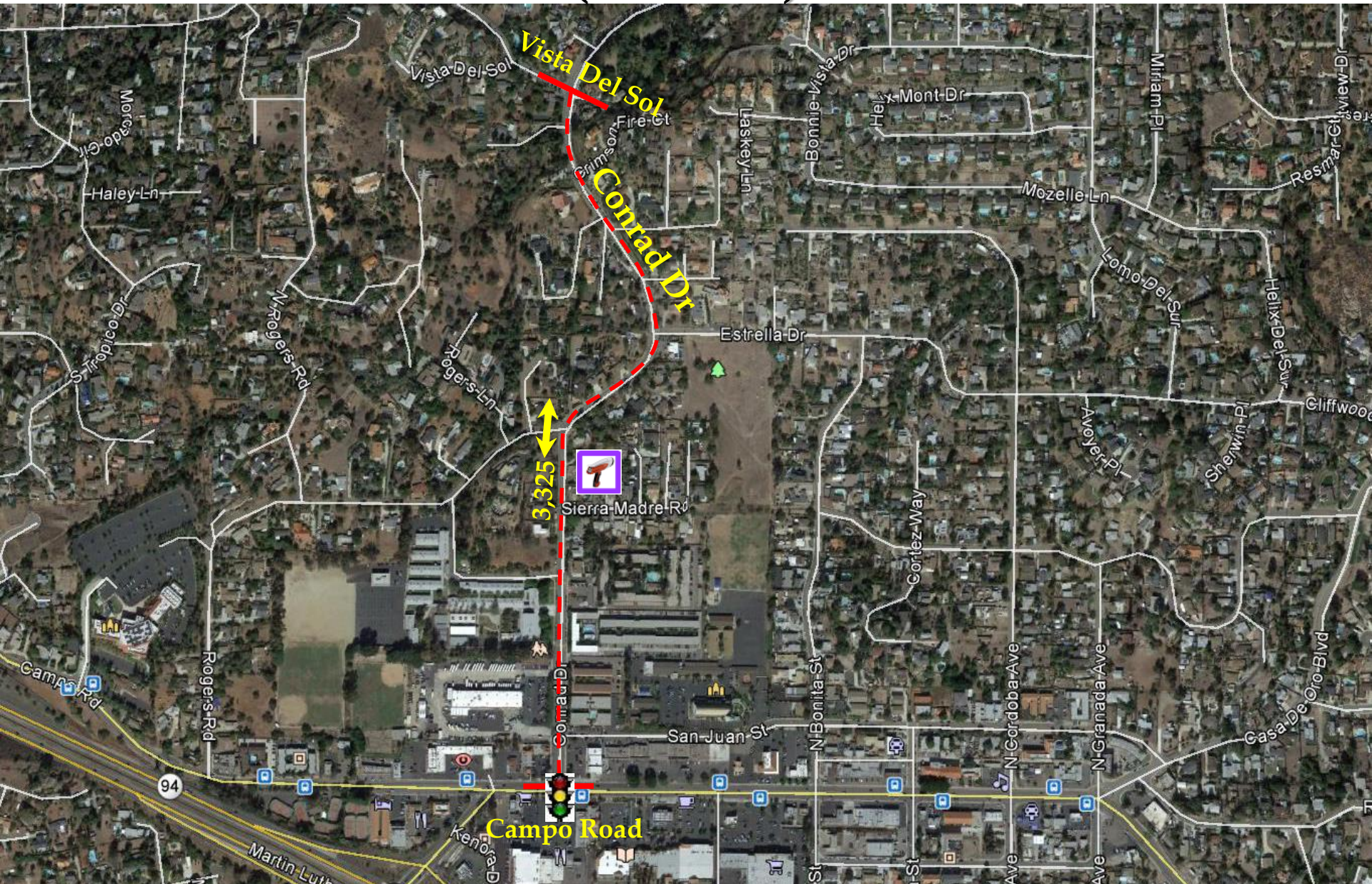
		<u>85th Percentile</u>	<u>10 MPH Pace</u>	<u>% in Pace</u>
Conrad Drive:				
150' N/o Rogers Road	(2018)	36.1 MPH	28-37	93.0%
	(2011)	37.9 MPH	30-39	78.9%

Collision Data

There have been 14 reported collisions along this segment of roadway, 3 of which involved injury, in a 5 year period (12-1-12 to 11-30-17). These collisions result in a segment accident rate of 3.35 collisions per million vehicle miles. The statewide average is 2.39 collisions per million vehicle miles for similar suburban conventional 2 lanes or less with speeds less than 45 mile per hour.

2-C. Radar Recertification

Conrad Drive from Campo Road to Vista del Sol (0.69 miles)



VOLUME

Conrad Dr 150' S/O Rogers Rd

Day: Thursday
Date: 3/1/2018City: Spring Valley
Project #: CA18_4052_006

DAILY TOTALS					NB	SB						EB	WB						Total
					1,578	1,747						0	0						3,325
AM Period	NB	SB	EB	WB	TOTAL		PM Period	NB	SB	EB	WB	TOTAL							TOTAL
00:00	4	1			5		12:00	14	20			34							34
00:15	3	1			4		12:15	18	25			43							43
00:30	0	0			0		12:30	17	23			40							40
00:45	0	7	1	3	1	10	12:45	23	72	20	88	43	160						160
01:00	0	1			1		13:00	22	23			45							45
01:15	0	0			0		13:15	24	23			47							47
01:30	0	2			2		13:30	24	16			40							40
01:45	0	0	3		0	3	13:45	31	101	23	85	54	186						186
02:00	0	0			0		14:00	35	21			56							56
02:15	0	1			1		14:15	42	76			118							118
02:30	0	1			1		14:30	38	78			116							116
02:45	0	0	2		0	2	14:45	36	151	33	208	69	359						359
03:00	0	0			0		15:00	50	36			86							86
03:15	1	0			1		15:15	51	36			87							87
03:30	0	0			0		15:30	30	36			66							66
03:45	0	1	1	1	1	2	15:45	24	155	40	148	64	303						303
04:00	1	1			2		16:00	42	33			75							75
04:15	1	2			3		16:15	21	49			70							70
04:30	1	6			7		16:30	32	48			80							80
04:45	0	3	4	13	4	16	16:45	30	125	43	173	73	298						298
05:00	0	1			1		17:00	38	40			78							78
05:15	1	7			8		17:15	22	33			55							55
05:30	4	10			14		17:30	29	30			59							59
05:45	8	13	9	27	17	40	17:45	21	110	42	145	63	255						255
06:00	7	5			12		18:00	27	29			56							56
06:15	5	11			16		18:15	19	20			39							39
06:30	21	10			31		18:30	24	14			38							38
06:45	15	48	27	53	42	101	18:45	17	87	12	75	29	162						162
07:00	30	31			61		19:00	15	11			26							26
07:15	33	45			78		19:15	8	11			19							19
07:30	79	53			132		19:30	9	8			17							17
07:45	94	236	99	228	193	464	19:45	7	39	8	38	15	77						77
08:00	36	47			83		20:00	8	10			18							18
08:15	50	27			77		20:15	8	15			23							23
08:30	68	25			93		20:30	10	10			20							20
08:45	32	186	28	127	60	313	20:45	5	31	5	40	10	71						71
09:00	21	25			46		21:00	7	5			12							12
09:15	18	13			31		21:15	4	5			9							9
09:30	11	23			34		21:30	1	2			3							3
09:45	15	65	29	90	44	155	21:45	2	14	1	13	3	27						27
10:00	8	27			35		22:00	1	3			4							4
10:15	16	17			33		22:15	5	4			9							9
10:30	10	24			34		22:30	2	5			7							7
10:45	11	45	23	91	34	136	22:45	2	10	5	17	7	27						27
11:00	16	19			35		23:00	4	1			5							5
11:15	18	24			42		23:15	1	1			2							2
11:30	21	13			34		23:30	1	0			1							1
11:45	16	71	20	76	36	147	23:45	2	8	1	3	3	11						11
TOTALS	675	714			1389		TOTALS	903	1033			1936							1936
SPLIT %	48.6%	51.4%			41.8%		SPLIT %	46.6%	53.4%			58.2%							58.2%

DAILY TOTALS					NB	SB						EB	WB						Total
					1,578	1,747						0	0						3,325
AM Peak Hour	07:30	07:15			07:15		PM Peak Hour	14:30	14:15			14:15							14:15
AM Pk Volume	259	244			486		PM Pk Volume	175	223			389							389
Pk Hr Factor	0.689	0.616			0.630		Pk Hr Factor	0.858	0.715			0.824							0.824
7 - 9 Volume	422	355	0	0	777		4 - 6 Volume	235	318	0	0	553							553
7 - 9 Peak Hour	07:30	07:15			07:15		4 - 6 Peak Hour	16:00	16:15			16:15							16:15
7 - 9 Pk Volume	259	244	0	0	486		4 - 6 Pk Volume	125	180	0	0	301							301
Pk Hr Factor	0.689	0.616	0.000	0.000	0.630		Pk Hr Factor	0.744	0.918	0.000	0.000	0.941							0.941



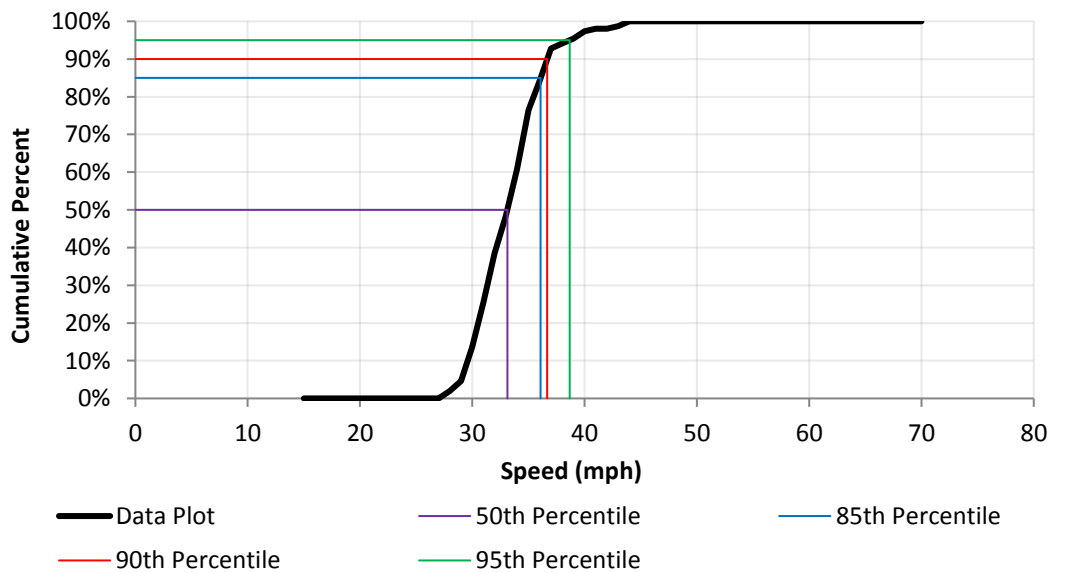
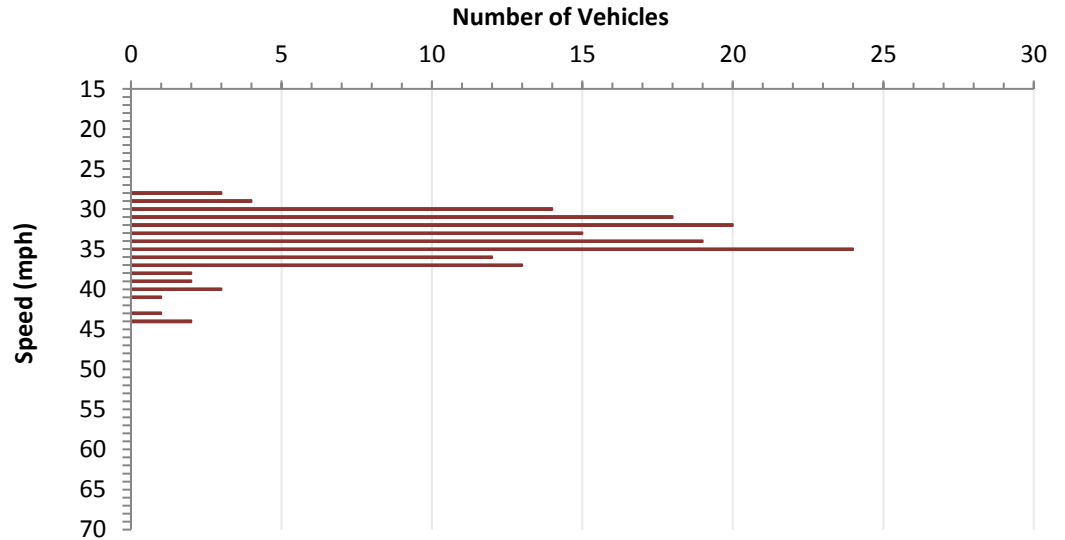
RADAR SPEED SURVEY

SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

Road Name:	Conrad Drive	From:	Campo Road	To:	Vista Del Sol
Position:	150' N/O Rogers Road	Direction:	NB/SB		

Date:	2/20/2018	Weather:	Clear	Project Number:	0
Time Start:	11:20 AM	Road Condition:	Dry	Observer:	Contractor
Time End:	1:20 PM	Posted Speed:	35 mph	Calibration Test:	0

Speed (mph)	Num. Veh.	Cum. Pct.
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		
26		
27		
28	3	2.0%
29	4	4.6%
30	14	13.7%
31	18	25.5%
32	20	38.6%
33	15	48.4%
34	19	60.8%
35	24	76.5%
36	12	84.3%
37	13	92.8%
38	2	94.1%
39	2	95.4%
40	3	97.4%
41	1	98.0%
42		
43	1	98.7%
44	2	100.0%
45		
46		
47		
48		
49		
50		
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62		
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64		
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67		
68		
69		
70		
Total	153	



DATA ANALYSIS

Average Speed	33.7	Range	28 - 44
50th Percentile	33.1	10 mph Pace	28 - 37
85th Percentile	36.1	Number in Pace	142
90th Percentile	36.7	Percent in Pace	93%
95th Percentile	38.7		

SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE

COMMITTEE REPORT OF: April 27, 2018 **Item 2-D**

SUPERVISORIAL DISTRICT: 2

SUBJECT: Radar Recertification

LOCATION: Conrad Drive from Vista del Sol to Resmar Road (0.73 miles), CASA DE ORO (Thos. Bros. 1271-C4)

INITIATED BY: DPW Traffic Engineering

REQUEST: Radar Recertification

PROBLEM AS STATED BY REQUESTER:

Buena Creek Road from Vista del Sol to Resmar Road is posted 40 MPH Radar Enforced. Preliminary review of prevailing speeds and roadway conditions could support radar recertification.

Existing Traffic Devices

Conrad Drive is a striped two-lane Through Highway that measures 34 feet wide. There is edge-striping along both sides of the roadway. The road is posted 40 MPH/Radar Enforced. The road is classified as a Community Collector Road on the County General Plan Mobility Element Network.

Average Daily Traffic Volumes

	<u>03/18</u>	<u>12/12</u>
Conrad Drive:		
150' N/o Edgar Place	1,865	1,630

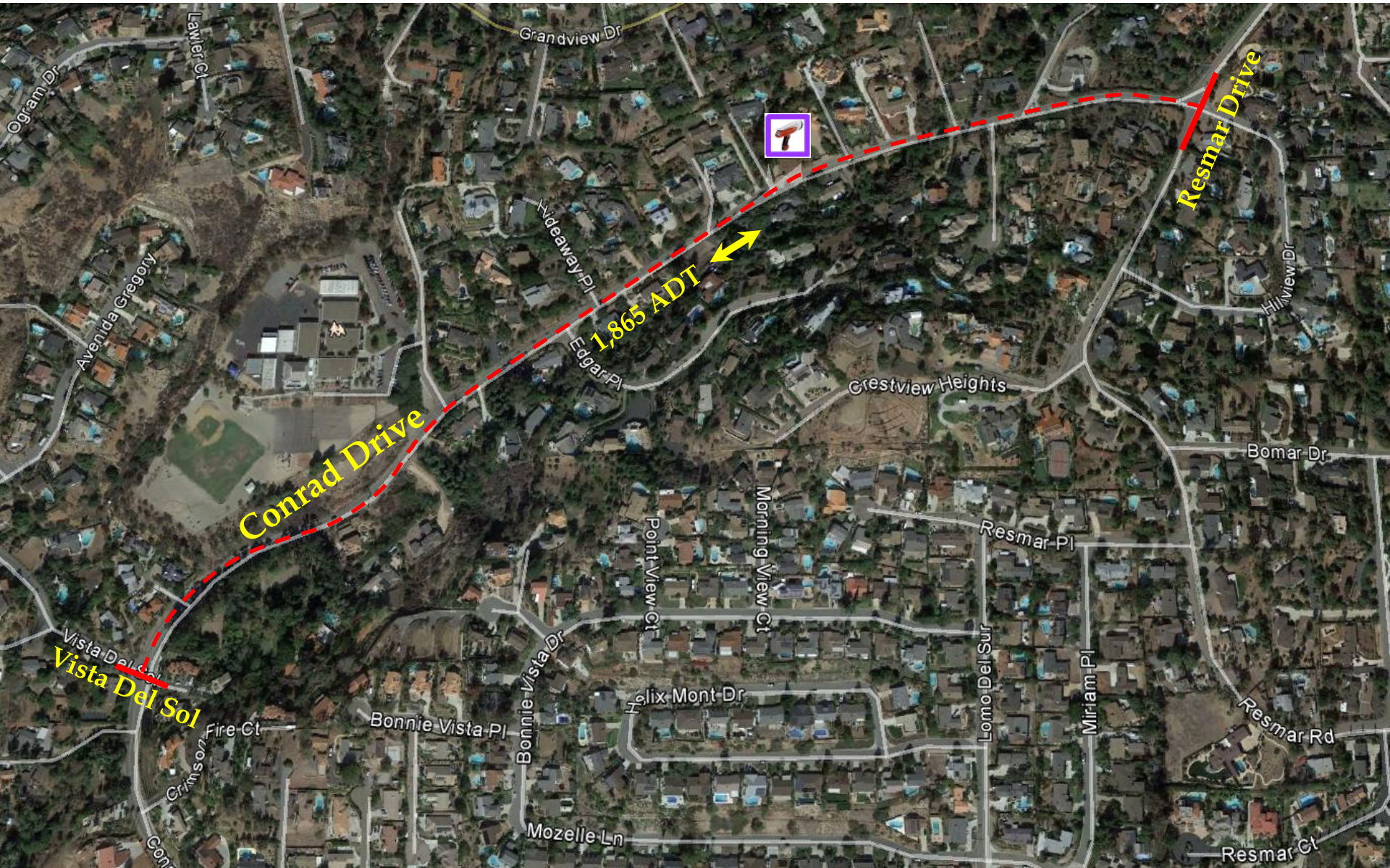
<u>Speed Data</u>		<u>85th Percentile</u>	<u>10 MPH Pace</u>	<u>% in Pace</u>
Conrad Drive:				
840' N/o Edgar Place	(2018)	44.1 MPH	34-43	77.0%
	(2012)	44.9 MPH	34-43	68.5%

Collision Data

There have been 1 reported collisions along this segment of roadway, none of which involved injury, in a 5 year period (12-1-12 to 11-30-17). These collisions result in a segment accident rate of 0.40 collisions per million vehicle miles. The statewide average is 2.39 collisions per million vehicle miles for similar suburban conventional 2 lanes or less with speeds less than 45 mile per hour.

2-D. Radar Recertification

Conrad Drive from Vista Del Sol to Resmar Road (0.73 miles)



VOLUME

Conrad Dr 150' N/O Edgar Pl

Day: Thursday
Date: 3/1/2018City: Spring Valley
Project #: CA18_4052_007

DAILY TOTALS					NB	SB					EB	WB	Total
					828	1,038					0	0	1,866
AM Period	NB	SB	EB	WB	TOTAL	PM Period	NB	SB	EB	WB	TOTAL		
00:00	1	1			2	12:00	14	7			21		
00:15	2	1			3	12:15	12	8			20		
00:30	2	0			2	12:30	7	9			16		
00:45	0	5	1	3	1	12:45	8	41	19	43	27	84	
01:00	0	0			0	13:00	15	9			24		
01:15	0	0			0	13:15	12	19			31		
01:30	0	1			1	13:30	6	16			22		
01:45	0	0	1		0	13:45	4	37	32	76	36	113	
02:00	0	0			0	14:00	12	30			42		
02:15	0	0			0	14:15	32	24			56		
02:30	0	0			0	14:30	29	25			54		
02:45	0	0			0	14:45	17	90	20	99	37	189	
03:00	0	0			0	15:00	19	19			38		
03:15	0	0			0	15:15	8	27			35		
03:30	0	0			0	15:30	23	18			41		
03:45	0	1	1		1	15:45	16	66	23	87	39	153	
04:00	0	0			0	16:00	19	16			35		
04:15	0	1			1	16:15	14	32			46		
04:30	0	1			1	16:30	24	28			52		
04:45	0	3	5		3	16:45	16	73	24	100	40	173	
05:00	1	1			2	17:00	24	20			44		
05:15	2	1			3	17:15	17	25			42		
05:30	2	3			5	17:30	15	31			46		
05:45	4	9	4	9	8	17:45	17	73	12	88	29	161	
06:00	5	5			10	18:00	16	19			35		
06:15	2	7			9	18:15	10	16			26		
06:30	13	5			18	18:30	18	13			31		
06:45	6	26	17	34	23	18:45	9	53	10	58	19	111	
07:00	14	16			30	19:00	12	15			27		
07:15	13	38			51	19:15	9	2			11		
07:30	29	36			65	19:30	12	6			18		
07:45	49	105	59	149	108	19:45	5	38	5	28	10	66	
08:00	14	12			26	20:00	5	5			10		
08:15	18	21			39	20:15	9	9			18		
08:30	15	14			29	20:30	4	6			10		
08:45	12	59	19	66	31	20:45	6	24	2	22	8	46	
09:00	15	14			29	21:00	3	6			9		
09:15	6	9			15	21:15	6	2			8		
09:30	6	9			15	21:30	2	6			8		
09:45	13	40	14	46	27	21:45	2	13	1	15	3	28	
10:00	5	11			16	22:00	1	7			8		
10:15	6	11			17	22:15	4	1			5		
10:30	8	10			18	22:30	1	4			5		
10:45	8	27	6	38	14	22:45	2	8	0	12	2	20	
11:00	8	12			20	23:00	2	0			2		
11:15	10	15			25	23:15	0	4			4		
11:30	15	10			25	23:30	0	0			0		
11:45	4	37	16	53	20	23:45	2	4	1	5	3	9	
TOTALS	308	405			713	TOTALS	520	633			1153		
SPLIT %	43.2%	56.8%			38.2%	SPLIT %	45.1%	54.9%			61.8%		

DAILY TOTALS					NB	SB					EB	WB	Total
					828	1,038					0	0	1,866
AM Peak Hour	07:30	07:00			07:00	PM Peak Hour	14:15	13:45			14:00		
AM Pk Volume	110	149			254	PM Pk Volume	97	111			189		
Pk Hr Factor	0.561	0.631			0.588	Pk Hr Factor	0.758	0.867			0.844		
7 - 9 Volume	164	215	0	0	379	4 - 6 Volume	146	188	0	0	334		
7 - 9 Peak Hour	07:30	07:00			07:00	4 - 6 Peak Hour	16:30	16:15			16:15		
7 - 9 Pk Volume	110	149	0	0	254	4 - 6 Pk Volume	81	104	0	0	182		
Pk Hr Factor	0.561	0.631	0.000	0.000	0.588	Pk Hr Factor	0.844	0.813	0.000	0.000	0.875		



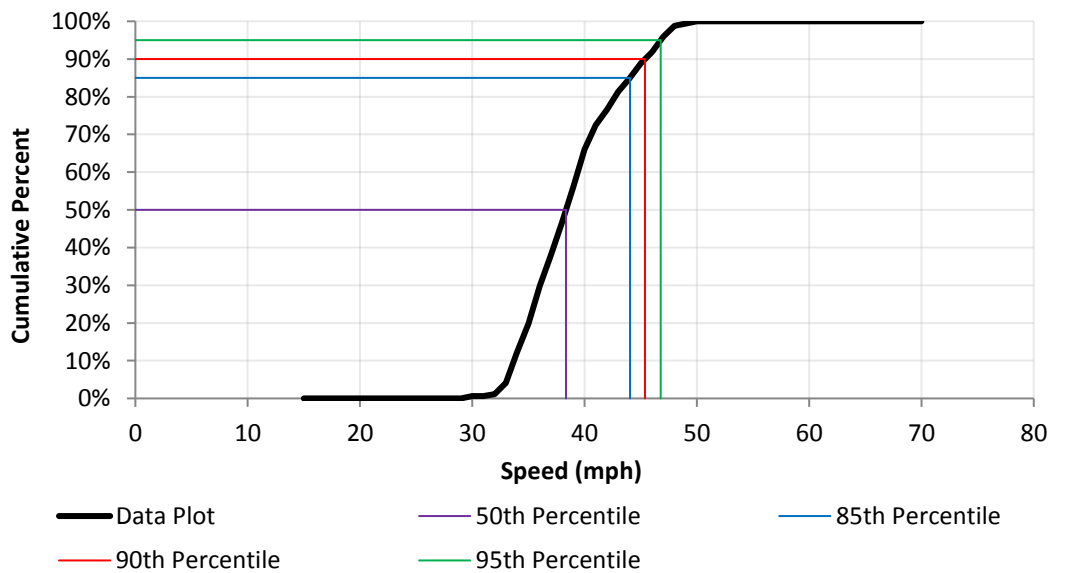
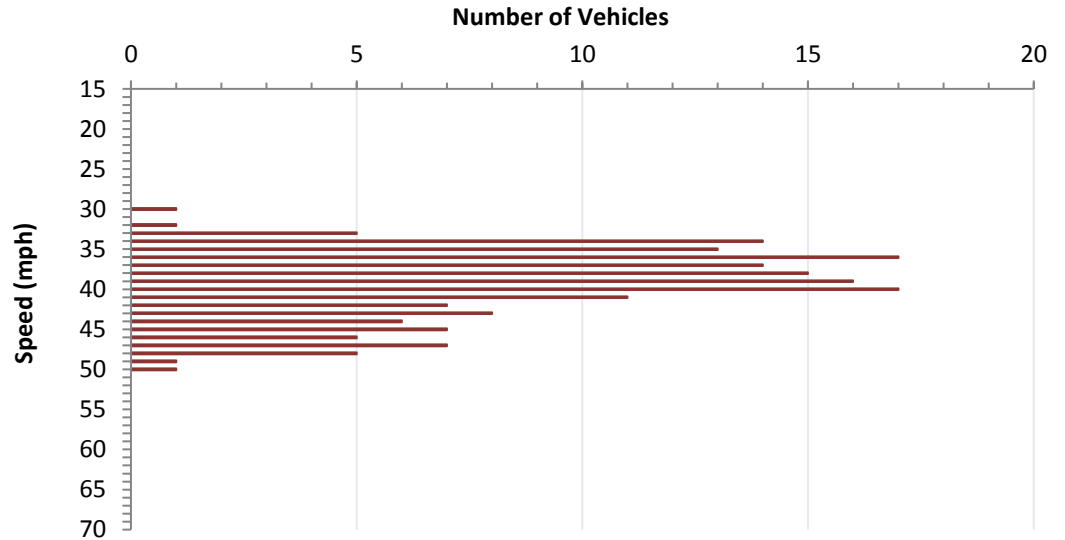
RADAR SPEED SURVEY

SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

Road Name:	Conrad Drive	From:	Vista Del Sol	To:	Resmard Road
Position:	840' N/O Edgar Place	Direction:	NB/SB		

Date:	2/20/2018	Weather:	Clear	Project Number:	0
Time Start:	1:20 PM	Road Condition:	Dry	Observer:	Contractor
Time End:	3:20 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	1	0.6%
31		
32	1	1.2%
33	5	4.1%
34	14	12.3%
35	13	19.9%
36	17	29.8%
37	14	38.0%
38	15	46.8%
39	16	56.1%
40	17	66.1%
41	11	72.5%
42	7	76.6%
43	8	81.3%
44	6	84.8%
45	7	88.9%
46	5	91.8%
47	7	95.9%
48	5	98.8%
49	1	99.4%
50	1	100.0%
51		
52		
53		
54		
55		
56		
57		
58		
59		
60		
61		
62		
63		
64		
65		
66		
67		
68		
69		
70		
Total	171	



DATA ANALYSIS

Average Speed	39.3	Range	30 - 50
50th Percentile	38.3	10 mph Pace	34 - 43
85th Percentile	44.1	Number in Pace	132
90th Percentile	45.4	Percent in Pace	77%
95th Percentile	46.8		

SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE

COMMITTEE REPORT OF: April 27, 2018

Item 3-A

SUPERVISORIAL DISTRICT: 3

SUBJECT: Radar Recertification

LOCATION: Del Dios Highway from Via Rancho Parkway to the Escondido City Limit (65 feet south of Claudan Road) (0.41 miles) ESCONDIDO (Thos. Bros. 1129-E7)

INITIATED BY: DPW Traffic Engineering

REQUEST: Radar Recertification

PROBLEM AS STATED BY REQUESTER:

Del Dios Highway from Via Rancho Parkway to the Escondido City Limit is posted 50 MPH Radar Enforced. Preliminary review of prevailing speeds and roadway conditions could support radar recertification.

Existing Traffic Devices

Del Dios Highway is a striped two-lane Through Highway that measures 40 feet wide. There are bike lanes along each side of the roadway and a two-way left-turn lane separating both directions of travel. The road is classified as a Major Road on the Mobility Element Network. The road is posted 50 MPH/Radar Enforced.

Average Daily Traffic Volumes

Del Dios Highway:

N/o Via Rancho Parkway

3/18

20,455

11/09

30,000 (estimated)

Speed Data

Del Dios Highway:

1,000' N/o Via Rancho Pkwy (2018)
(2011)

85th
Percentile

48.7 MPH
49.4 MPH

10 MPH
Pace

38-47
41-50

% in
Pace

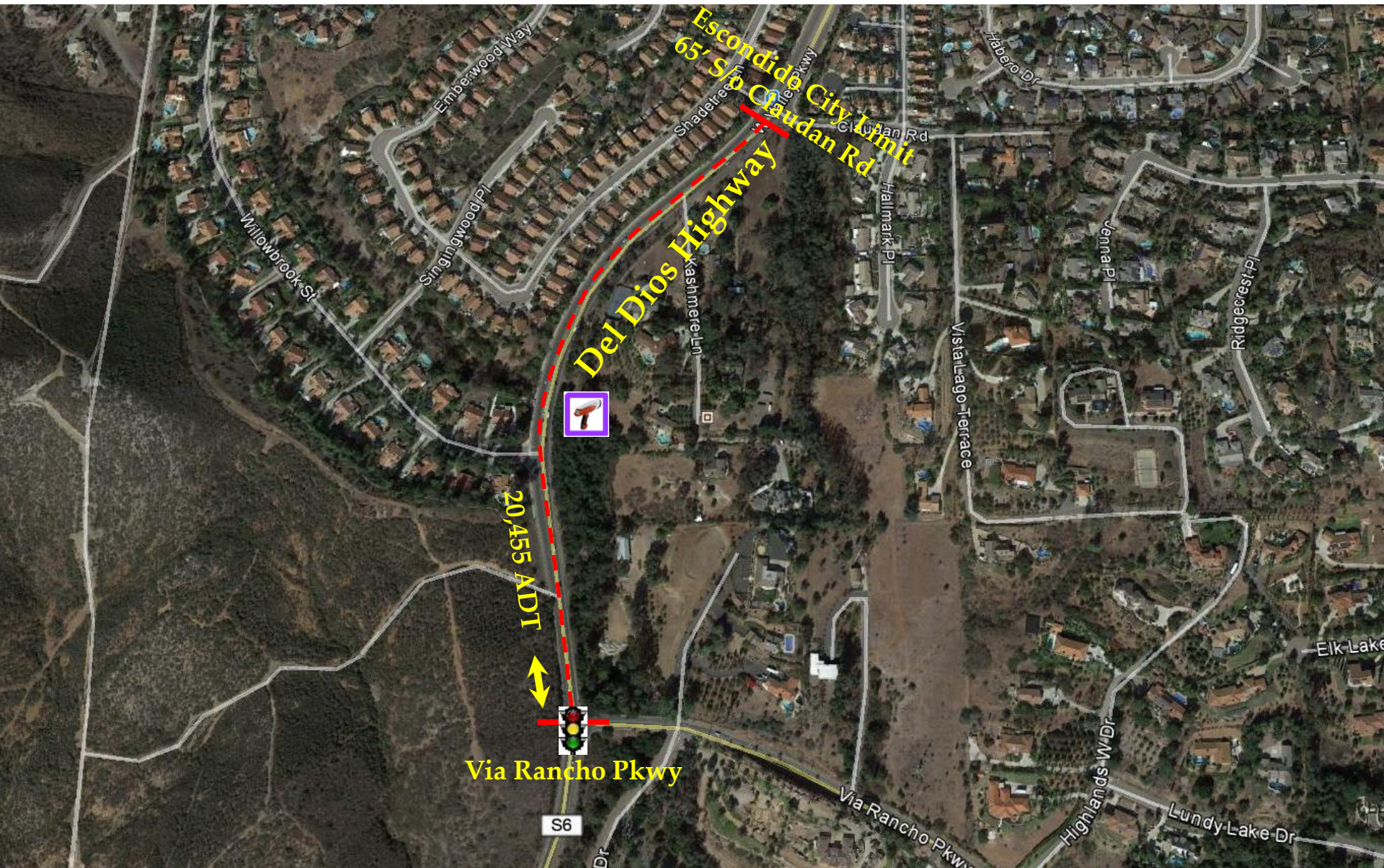
51.0%
75.2%

Collision Data

There have been 5 reported collisions along this segment of roadway, 2 of which involved injury, in a 4 year period (12-1-13 to 11-30-17). These collisions result in a segment accident rate of 0.41 collisions per million vehicle miles. The statewide average is 1.16 collisions per million vehicle miles for similar suburban conventional 3 lanes.

3-A. Radar Recertification

Del Dios Highway from Via Rancho Parkway to the Escondido City Limit (65' S/o Claudan Road) (0.41 miles)



VOLUME

Del Dios Hwy 150' N/O Via Rancho Pkwy

Day: Tuesday
Date: 3/13/2018City: Ramona
Project #: CA18_4052_008

DAILY TOTALS					NB	SB						EB	WB	Total
					9,884	10,571						0	0	20,455
AM Period	NB	SB	EB	WB	TOTAL	PM Period	NB	SB	EB	WB	TOTAL			
00:00	7	5			12	12:00	127	104			231			
00:15	8	4			12	12:15	138	126			264			
00:30	2	4			6	12:30	134	91			225			
00:45	7	24	0	13	7	12:45	124	523	109	430	233	953		
01:00	5	2			7	13:00	110	110			220			
01:15	6	3			9	13:15	162	106			268			
01:30	8	1			9	13:30	140	126			266			
01:45	3	22	3	9	6	13:45	177	589	101	443	278	1032		
02:00	3	3			6	14:00	168	137			305			
02:15	3	0			3	14:15	195	125			320			
02:30	4	3			7	14:30	228	134			362			
02:45	4	14	1	7	5	14:45	236	827	180	576	416	1403		
03:00	0	9			9	15:00	229	129			358			
03:15	0	7			7	15:15	277	174			451			
03:30	2	6			8	15:30	284	147			431			
03:45	1	3	6	28	7	15:45	287	1077	173	623	460	1700		
04:00	9	10			19	16:00	326	147			473			
04:15	4	21			25	16:15	310	144			454			
04:30	4	29			33	16:30	324	165			489			
04:45	6	23	31	91	37	16:45	290	1250	170	626	460	1876		
05:00	8	44			52	17:00	281	155			436			
05:15	9	63			72	17:15	287	164			451			
05:30	13	108			121	17:30	286	139			425			
05:45	24	54	112	327	136	17:45	263	1117	126	584	389	1701		
06:00	32	172			204	18:00	238	132			370			
06:15	45	295			340	18:15	200	109			309			
06:30	51	402			453	18:30	139	99			238			
06:45	83	211	412	1281	495	18:45	151	728	86	426	237	1154		
07:00	72	384			456	19:00	122	78			200			
07:15	115	397			512	19:15	101	62			163			
07:30	123	377			500	19:30	120	39			159			
07:45	154	464	383	1541	537	19:45	87	430	54	233	141	663		
08:00	203	326			529	20:00	70	45			115			
08:15	168	347			515	20:15	67	30			97			
08:30	142	330			472	20:30	58	41			99			
08:45	105	618	259	1262	364	20:45	53	248	25	141	78	389		
09:00	66	180			246	21:00	53	32			85			
09:15	96	175			271	21:15	43	30			73			
09:30	110	181			291	21:30	45	38			83			
09:45	109	381	131	667	240	21:45	54	195	26	126	80	321		
10:00	97	155			252	22:00	38	18			56			
10:15	83	153			236	22:15	44	15			59			
10:30	117	158			275	22:30	25	14			39			
10:45	114	411	104	570	218	22:45	29	136	14	61	43	197		
11:00	93	140			233	23:00	17	14			31			
11:15	109	115			224	23:15	22	16			38			
11:30	136	104			240	23:30	14	5			19			
11:45	137	475	104	463	241	23:45	11	64	8	43	19	107		
TOTALS	2700	6259			8959	TOTALS	7184	4312			11496			
SPLIT %	30.1%	69.9%			43.8%	SPLIT %	62.5%	37.5%			56.2%			

DAILY TOTALS					NB	SB						EB	WB	Total
					9,884	10,571						0	0	20,455
AM Peak Hour	07:45	06:30			07:30	PM Peak Hour	16:00	16:30			15:45			
AM Pk Volume	667	1595			2081	PM Pk Volume	1250	654			1876			
Pk Hr Factor	0.821	0.968			0.969	Pk Hr Factor	0.959	0.962			0.959			
7 - 9 Volume	1082	2803	0	0	3885	4 - 6 Volume	2367	1210	0	0	3577			
7 - 9 Peak Hour	07:45	07:00			07:30	4 - 6 Peak Hour	16:00	16:30			16:00			
7 - 9 Pk Volume	667	1541	0	0	2081	4 - 6 Pk Volume	1250	654	0	0	1876			
Pk Hr Factor	0.821	0.970	0.000	0.000	0.969	Pk Hr Factor	0.959	0.962	0.000	0.000	0.959			

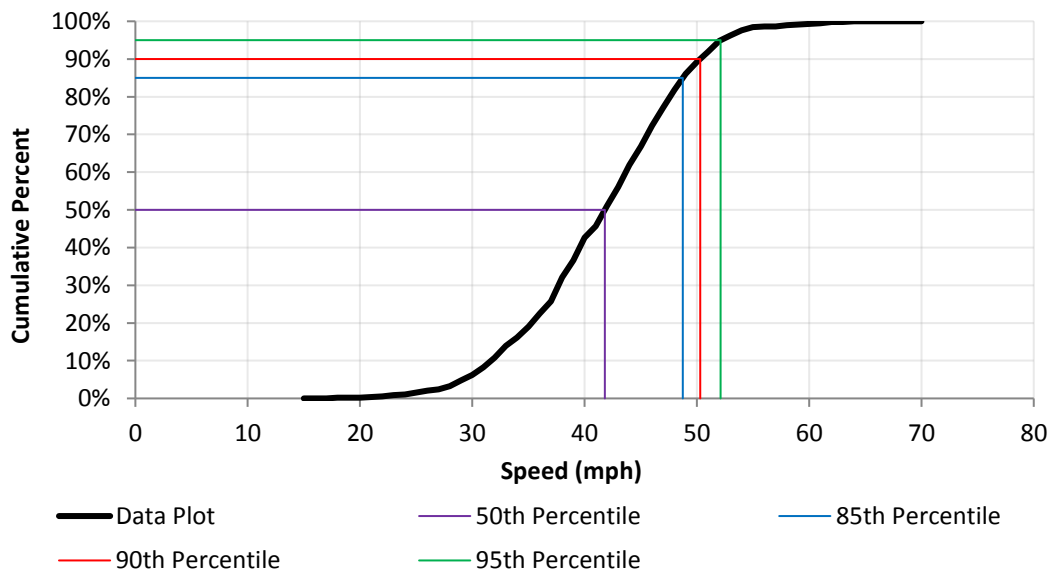
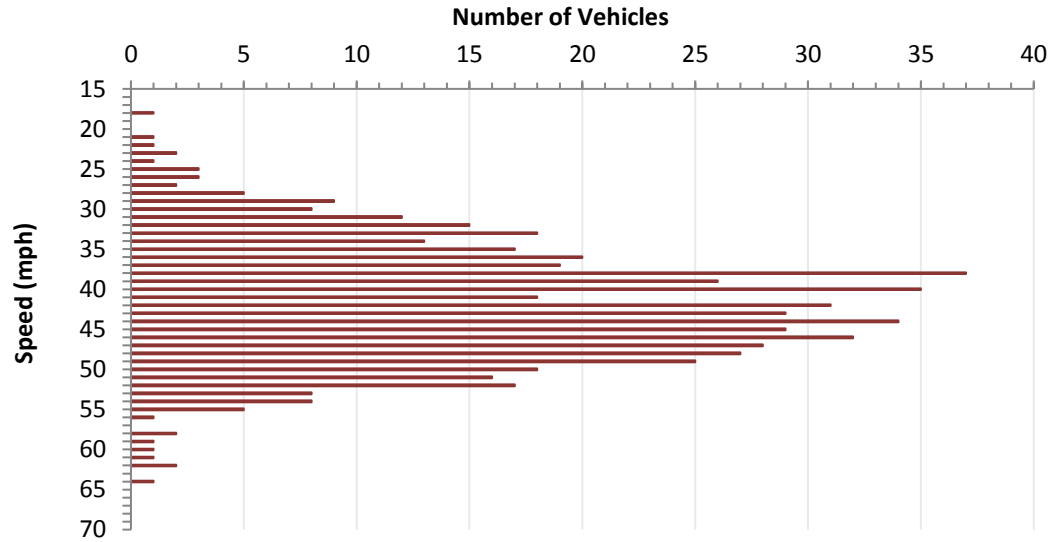


RADAR SPEED SURVEY

SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

Road Name:	Del Dio Hwy	From:	Via Rancho Pkwy	To:	Escondido City Limit
Position:	1,000' N/O Via Rancho Pkwy	Direction:	NB/SB		
Date:	2/26/2018	Weather:	Clear	Project Number:	0
Time Start:	11:20 AM	Road Condition:	Dry	Observer:	Contractor
Time End:	1:20 PM	Posted Speed:	50 mph	Calibration Test:	0

Speed (mph)	Num. Veh.	Cum. Pct.
15		
16		
17		
18	1	0.2%
19		
20		
21	1	0.3%
22	1	0.5%
23	2	0.9%
24	1	1.0%
25	3	1.5%
26	3	2.1%
27	2	2.4%
28	5	3.3%
29	9	4.8%
30	8	6.2%
31	12	8.2%
32	15	10.8%
33	18	13.9%
34	13	16.2%
35	17	19.1%
36	20	22.5%
37	19	25.8%
38	37	32.1%
39	26	36.6%
40	35	42.6%
41	18	45.7%
42	31	51.0%
43	29	56.0%
44	34	61.9%
45	29	66.8%
46	32	72.3%
47	28	77.1%
48	27	81.8%
49	25	86.1%
50	18	89.2%
51	16	91.9%
52	17	94.8%
53	8	96.2%
54	8	97.6%
55	5	98.5%
56	1	98.6%
57		
58	2	99.0%
59	1	99.1%
60	1	99.3%
61	1	99.5%
62	2	99.8%
63		
64	1	100.0%
65		
66		
67		
68		
69		
70		
Total	582	



DATA ANALYSIS

Average Speed	41.9	Range	18 - 64
50th Percentile	41.8	10 mph Pace	38 - 47
85th Percentile	48.7	Number in Pace	299
90th Percentile	50.3	Percent in Pace	51%
95th Percentile	52.1		

SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE

COMMITTEE REPORT OF: April 27, 2018

Item **5-A**

SUPERVISORIAL DISTRICT: 5

SUBJECT: Radar Recertification

LOCATION: El Camino del Norte from Val Sereno Drive to Paseo Delicias/Del Dios Highway (2.96 miles) SAN DIEGUITO (Thos. Bros. 1148-B6)

INITIATED BY: DPW Traffic Engineering

REQUEST: Radar Recertification

PROBLEM AS STATED BY REQUESTER:

El Camino del Norte from the Encinitas City Limit to Paseo Delicias/Del Dios Highway is posted 40 MPH Radar Enforced. Preliminary review of prevailing speeds and roadway conditions could support radar recertification.

Existing Traffic Devices

El Camino del Norte is a striped two-lane Through Highway that varies from 26 to 34 feet in width. It has edge-striping along both sides of the roadway. There is a seven-ton weight limitation from Via de Fortuna to the Encinitas City Limit. The road is posted 40 MPH/Radar Enforced. The road is classified as a Light Collector on the County General Plan Mobility Element Network.

Average Daily Traffic Volumes

	<u>04/18</u>	<u>03/08</u>
El Camino del Norte:		
B/w Aliso Cyn Rd and Rho Cielo	6,695*	5,150

*Estimated

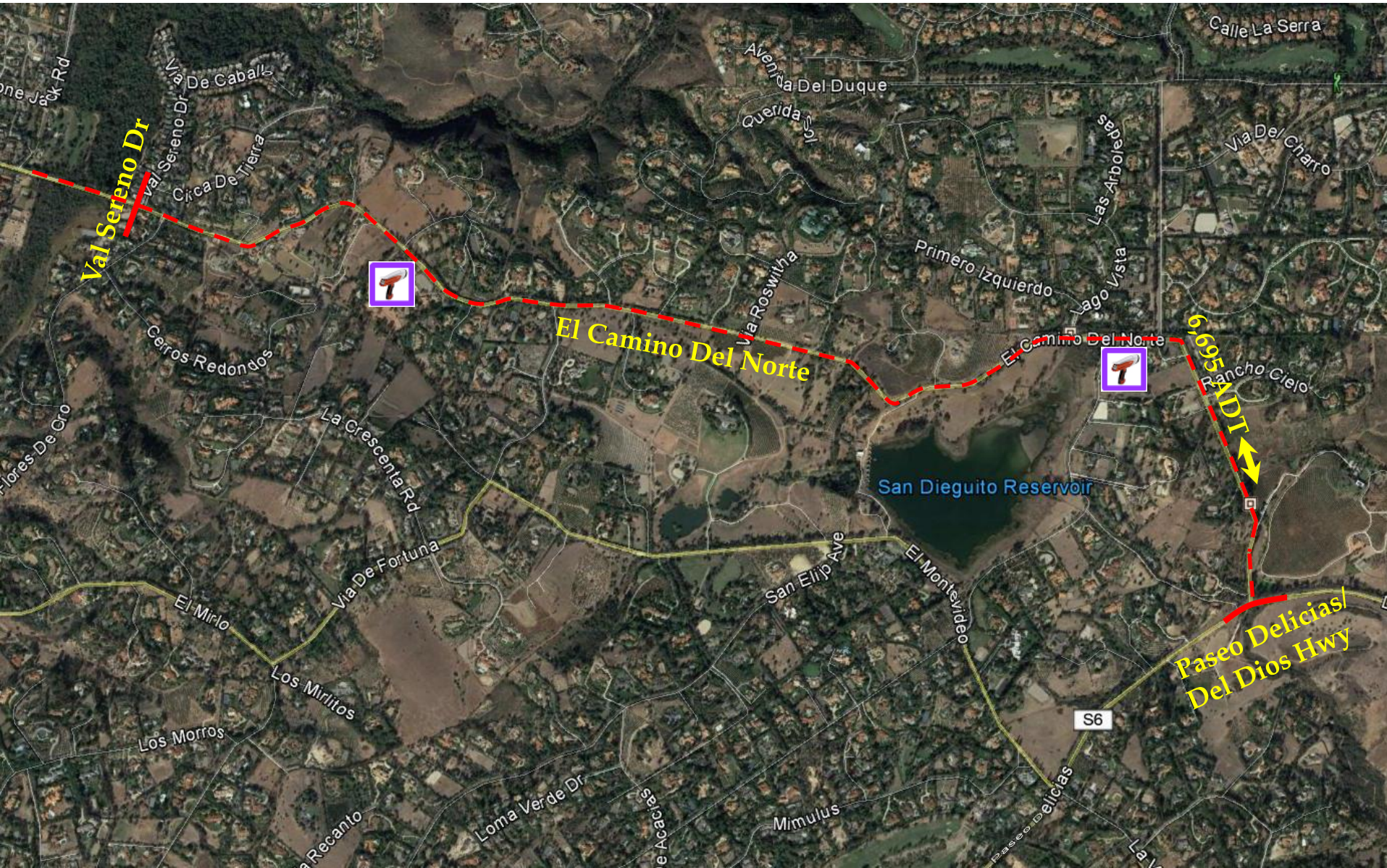
<u>Speed Data</u>	<u>85th Percentile</u>	<u>10 MPH Pace</u>	<u>% in Pace</u>
El Camino del Norte:			
1,820' W/o Via de Fortuna (2018)	36.9 MPH	29-38	81.0%
(2011)	42.5 MPH	34-43	83.5%
300' W/o Aliso Canyon Rd (2018)	42.4 MPH	33-42	65.0%
(2011)	41.8 MPH	33-42	67.4%
Speed Zone (2018)	39.7 MPH	31-40	73.0%

Collision Data

There have been 29 reported collisions along this segment of roadway, 18 of which involved injury, in a 4 year and 8 month period (4-1-13 to 11-30-17). These collisions result in a segment accident rate of 0.87 collisions per million vehicle miles. The statewide average is 0.87 collisions per million vehicle miles for similar rural conventional 2 lanes or less with speed limit less than or equal to 55 mph.

5-A. Radar Recertification

El Camino Del Norte from Val Sereno Dr to Paseo Delicias/Del Dios Highway (2.96 miles)





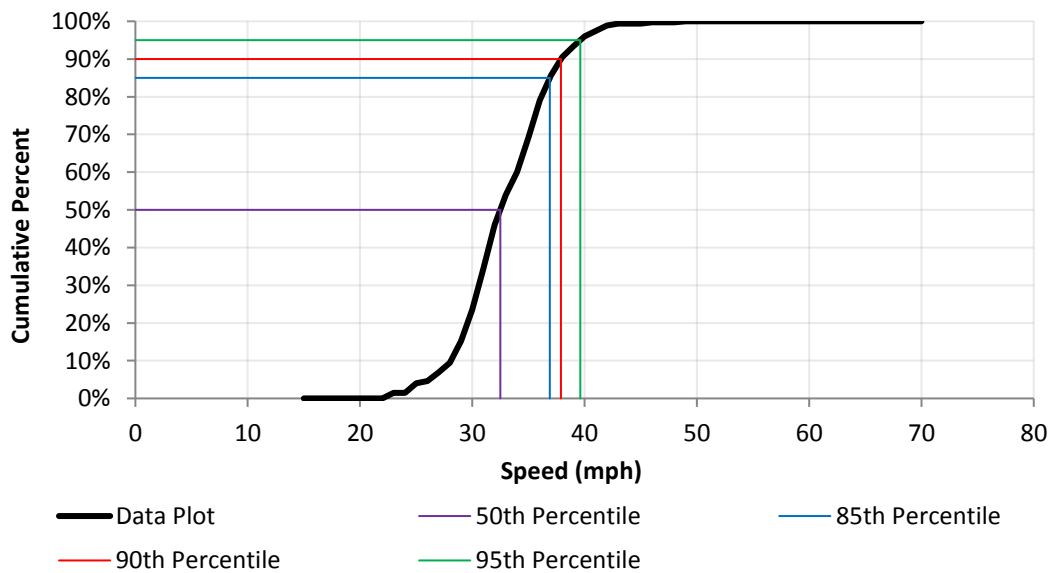
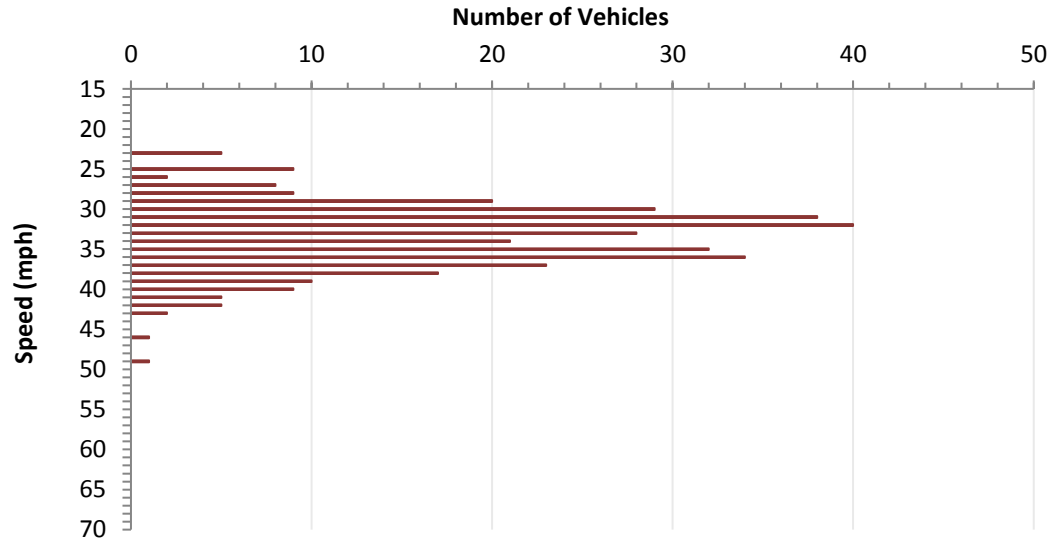
RADAR SPEED SURVEY

SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

Road Name:	El Camino Del Norte	From:	Paseo Delicias/Del Dios Hwy	To:	Val Sereno Dr
Position:	1,820' WO Via De Fortuna			Direction:	EB/WB

Date:	2/21/2018	Weather:	Clear	Project Number:	0
Time Start:	9:00 AM	Road Condition:	Dry	Observer:	Contractor
Time End:	11:00 AM	Posted Speed:	40 mph	Calibration Test:	0

Speed (mph)	Num. Veh.	Cum. Pct.
15		
16		
17		
18		
19		
20		
21		
22		
23	5	1.4%
24		
25	9	4.0%
26	2	4.6%
27	8	6.9%
28	9	9.5%
29	20	15.2%
30	29	23.6%
31	38	34.5%
32	40	46.0%
33	28	54.0%
34	21	60.1%
35	32	69.3%
36	34	79.0%
37	23	85.6%
38	17	90.5%
39	10	93.4%
40	9	96.0%
41	5	97.4%
42	5	98.9%
43	2	99.4%
44		
45		
46	1	99.7%
47		
48		
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	348	



DATA ANALYSIS

Average Speed	33.3	Range	23 - 49
50th Percentile	32.5	10 mph Pace	29 - 38
85th Percentile	36.9	Number in Pace	282
90th Percentile	37.9	Percent in Pace	81%
95th Percentile	39.6		



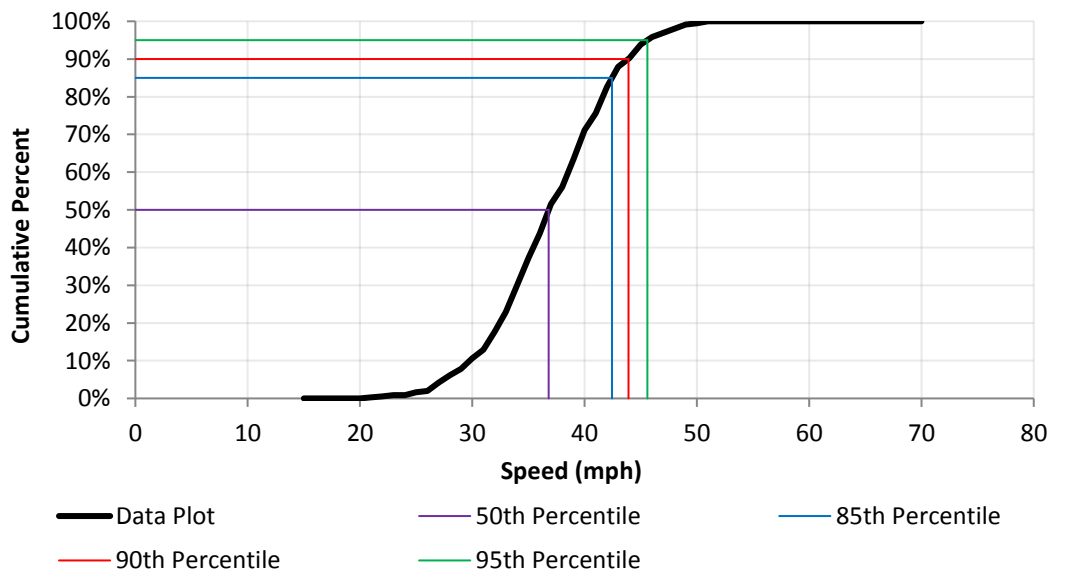
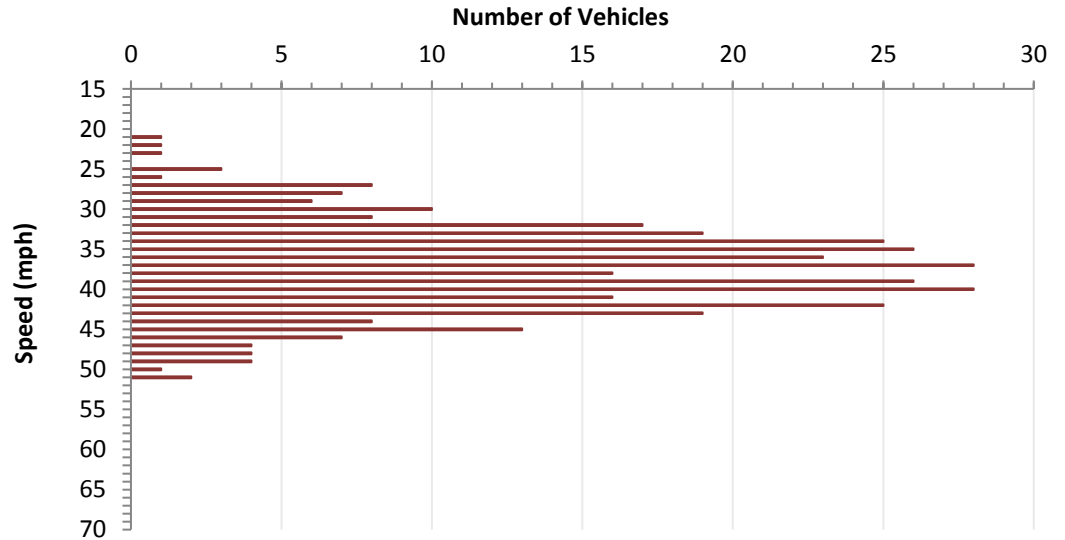
RADAR SPEED SURVEY

SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

Road Name:	El Camino Del Norte	From:	Paseo Delicias/Del Dios Hwy	To:	Val Sereno Dr
Position:	300' WO Aliso Canyon Rd	Direction:	EB/WB		

Date:	2/21/2018	Weather:	Clear	Project Number:	0
Time Start:	11:10 AM	Road Condition:	Dry	Observer:	Contractor
Time End:	1:10 PM	Posted Speed:	40 mph	Calibration Test:	0

Speed (mph)	Num. Veh.	Cum. Pct.
15		
16		
17		
18		
19		
20		
21	1	0.3%
22	1	0.6%
23	1	0.8%
24		
25	3	1.7%
26	1	2.0%
27	8	4.2%
28	7	6.2%
29	6	7.8%
30	10	10.6%
31	8	12.9%
32	17	17.6%
33	19	23.0%
34	25	30.0%
35	26	37.3%
36	23	43.7%
37	28	51.5%
38	16	56.0%
39	26	63.3%
40	28	71.1%
41	16	75.6%
42	25	82.6%
43	19	88.0%
44	8	90.2%
45	13	93.8%
46	7	95.8%
47	4	96.9%
48	4	98.0%
49	4	99.2%
50	1	99.4%
51	2	100.0%
52		
53		
54		
55		
56		
57		
58		
59		
60		
61		
62		
63		
64		
65		
66		
67		
68		
69		
70		
Total	357	



DATA ANALYSIS

Average Speed	37.4	Range	21 - 51
50th Percentile	36.8	10 mph Pace	33 - 42
85th Percentile	42.4	Number in Pace	232
90th Percentile	43.9	Percent in Pace	65%
95th Percentile	45.6		

SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE

COMMITTEE REPORT OF: April 27, 2018 **Item 5-B**

SUPERVISORIAL DISTRICT: 5

SUBJECT: Radar Recertification

LOCATION: Buena Creek Road from South Santa Fe Avenue to Monte Vista Drive (1.23 miles) VISTA (Thos. Bros. 1108-C3)

INITIATED BY: DPW Traffic Engineering

REQUEST: Radar Recertification

PROBLEM AS STATED BY REQUESTER:

Buena Creek Road from South Santa Fe Avenue to Monte Vista Drive is posted 35 MPH Radar Enforced. Preliminary review of prevailing speeds and roadway conditions could support radar recertification.

Existing Traffic Devices

Buena Creek Road is a striped two-lane Through Highway that varies from 30 feet to 48 feet in width. There is edge-striping on both sides of the roadway. The road is classified as a Major Road on the County General Plan Mobility Element Network. The road is posted 35 MPH/Radar Enforced.

Average Daily Traffic Volumes

	<u>2/18</u>	<u>11/10</u>
Buena Creek Road:		
150' W/o Lakeside Road	9,990	9,830

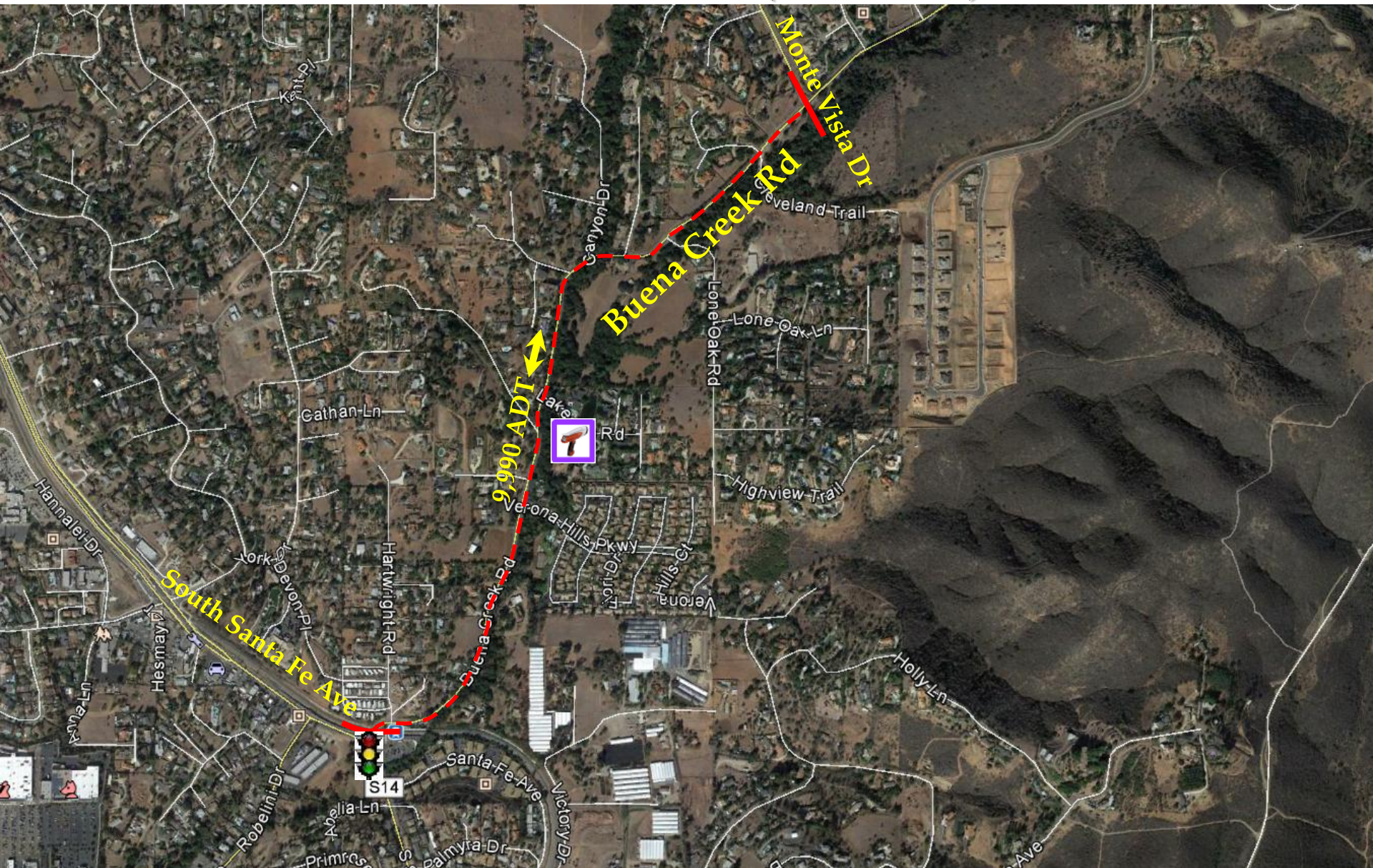
	<u>85th Percentile</u>	<u>10 MPH Pace</u>	<u>% in Pace</u>
<u>Speed Data</u>			
Buena Creek Road:			
1,740' W/o Lone Oak Rd (2018)	39.6 MPH	30-39	72.0%
(2010)	34.0 MPH	25-34	76.7%

Collision Data

There have been 31 reported collisions along this segment of roadway, 14 of which involved injury, in a 5 year period (12-1-12 to 11-30-17). These collisions result in a segment accident rate of 1.39 collisions per million vehicle miles. The statewide average is 2.39 collisions per million vehicle miles for similar suburban conventional 2 lanes or less with speeds less than 45 mile per hour.

5-B. Radar Recertification

Buena Creek Road from South Santa Fe Ave to Monte Vista Drive (1.23 miles)



VOLUME

Buena Creek Rd 150' W/O Lakeside Rd

Day: Tuesday
Date: 2/20/2018City: Vista
Project #: CA18_4052_002

DAILY TOTALS					NB	SB						EB	WB	Total	
					0	0						5,069	4,923	9,992	
AM Period	NB	SB	EB	WB	TOTAL		PM Period	NB	SB	EB	WB	TOTAL			
00:00			12	2	14		12:00			46	66	112			
00:15			5	1	6		12:15			46	56	102			
00:30			3	5	8		12:30			74	62	136			
00:45			5	25	5	8	12:45			66	232	128	478		
01:00			6	2	8		13:00			70	52	122			
01:15			5	2	7		13:15			72	70	142			
01:30			3	1	4		13:30			72	59	131			
01:45			2	16	4	23	13:45			68	282	133	528		
02:00			4	0	4		14:00			75	67	142			
02:15			0	2	2		14:15			87	63	150			
02:30			5	3	8		14:30			94	72	166			
02:45			0	9	3	17	14:45			131	387	192	650		
03:00			0	1	1		15:00			122	78	200			
03:15			5	4	9		15:15			161	86	247			
03:30			2	3	5		15:30			134	75	209			
03:45			0	7	4	19	15:45			150	567	199	855		
04:00			2	8	10		16:00			137	66	203			
04:15			7	19	26		16:15			150	61	211			
04:30			5	21	26		16:30			129	66	195			
04:45			6	20	32	94	16:45			140	556	205	814		
05:00			12	37	49		17:00			143	65	208			
05:15			18	70	88		17:15			167	66	233			
05:30			20	84	104		17:30			153	44	197			
05:45			24	74	115	356	17:45			132	595	182	820		
06:00			26	67	93		18:00			110	64	174			
06:15			40	109	149		18:15			117	51	168			
06:30			54	135	189		18:30			97	42	139			
06:45			45	165	169	600	18:45			78	402	123	604		
07:00			53	151	204		19:00			77	47	124			
07:15			65	162	227		19:15			61	31	92			
07:30			63	175	238		19:30			61	19	80			
07:45			50	231	212	881	19:45			57	256	80	376		
08:00			65	136	201		20:00			53	21	74			
08:15			53	139	192		20:15			35	18	53			
08:30			42	118	160		20:30			40	25	65			
08:45			72	232	198	751	20:45			45	173	63	255		
09:00			53	111	164		21:00			35	6	41			
09:15			43	103	146		21:15			44	14	58			
09:30			41	91	132		21:30			28	15	43			
09:45			37	174	114	556	21:45			19	126	29	171		
10:00			44	67	111		22:00			15	7	22			
10:15			43	62	105		22:15			17	4	21			
10:30			47	80	127		22:30			16	9	25			
10:45			48	182	109	452	22:45			10	58	25	93		
11:00			65	53	118		23:00			13	6	19			
11:15			60	71	131		23:15			16	5	21			
11:30			53	53	106		23:30			15	3	18			
11:45			64	242	131	486	23:45			14	58	22	80		
TOTALS			1377	2891	4268		TOTALS			3692	2032	5724			
SPLIT %			32.3%	67.7%	42.7%		SPLIT %			64.5%	35.5%	57.3%			

DAILY TOTALS					NB	SB						EB	WB	Total	
					0	0						5,069	4,923	9,992	
AM Peak Hour			07:15	07:00	07:00		PM Peak Hour			16:45	14:45	15:15			
AM Pk Volume			243	650	881		PM Pk Volume			603	300	858			
Pk Hr Factor			0.935	0.929	0.925		Pk Hr Factor			0.903	0.872	0.868			
7 - 9 Volume	0	0	463	1169	1632		4 - 6 Volume	0	0	1151	483	1634			
7 - 9 Peak Hour			07:15	07:00	07:00		4 - 6 Peak Hour			16:45	16:30	16:45			
7 - 9 Pk Volume	0	0	243	650	881		4 - 6 Pk Volume	0	0	603	262	843			
Pk Hr Factor	0.000	0.000	0.935	0.929	0.925		Pk Hr Factor	0.000	0.000	0.903	0.992	0.905			

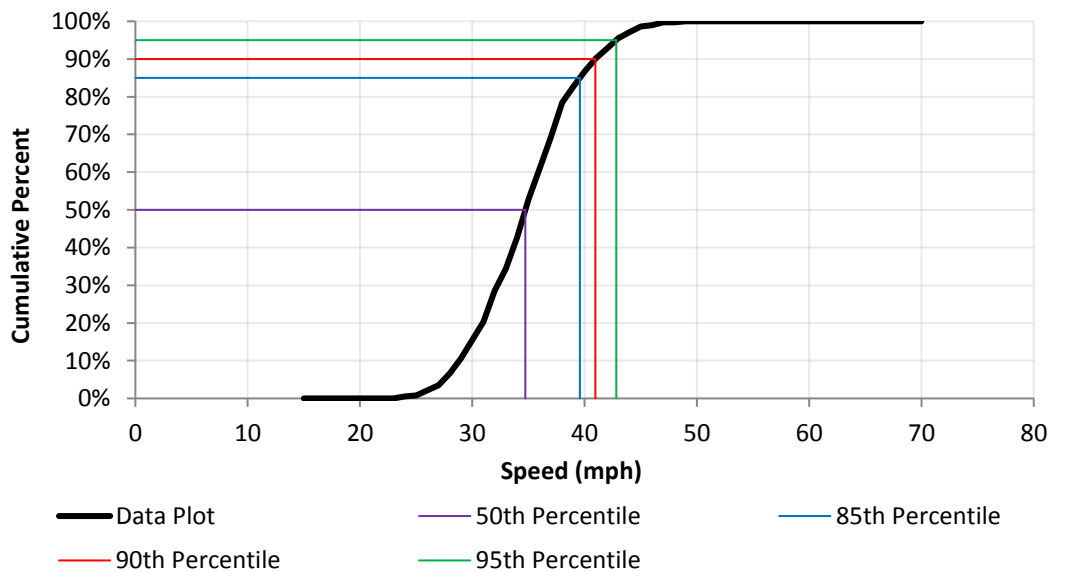
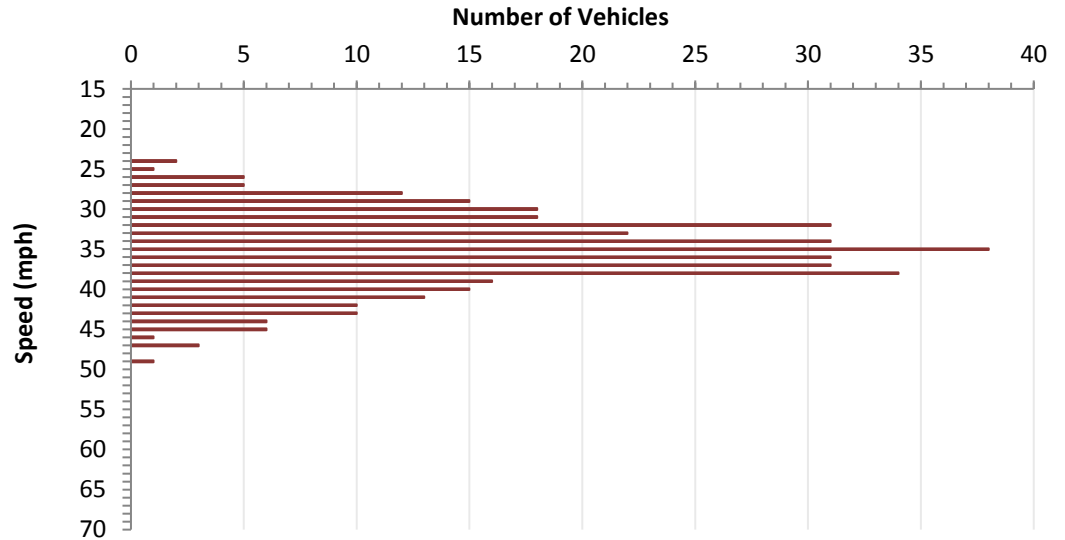


RADAR SPEED SURVEY

SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

Road Name:	Buena Creek Road	From:	S. Santa Fe Ave	To:	Monte Vista Dr
Position:	1,740' WO Lone Oak Rd	Direction:	EB/WB		
Date:	2/20/2018	Weather:	Clear	Project Number:	0
Time Start:	9:10 AM	Road Condition:	Dry	Observer:	Contractor
Time End:	11:10 AM	Posted Speed:	35 MPH	Calibration Test:	0

Speed (mph)	Num. Veh.	Cum. Pct.
15		
16		
17		
18		
19		
20		
21		
22		
23		
24	2	0.5%
25	1	0.8%
26	5	2.1%
27	5	3.5%
28	12	6.7%
29	15	10.7%
30	18	15.5%
31	18	20.3%
32	31	28.5%
33	22	34.4%
34	31	42.7%
35	38	52.8%
36	31	61.1%
37	31	69.3%
38	34	78.4%
39	16	82.7%
40	15	86.7%
41	13	90.1%
42	10	92.8%
43	10	95.5%
44	6	97.1%
45	6	98.7%
46	1	98.9%
47	3	99.7%
48		
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	375	



DATA ANALYSIS

Average Speed	35.3	Range	24 - 49
50th Percentile	34.7	10 mph Pace	30 - 39
85th Percentile	39.6	Number in Pace	270
90th Percentile	41.0	Percent in Pace	72%
95th Percentile	42.8		

SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE

COMMITTEE REPORT OF: April 27, 2018

Item 5-C

SUPERVISORIAL DISTRICT: 5

SUBJECT: Radar Recertification

LOCATION: Buena Creek Road from Monte Vista Drive to Cassou Road (1.77 miles) VISTA (Thos. Bros. 1108-D1)

INITIATED BY: DPW Traffic Engineering

REQUEST: Radar Recertification

PROBLEM AS STATED BY REQUESTER:

Buena Creek Road from Monte Vista Drive to Cassou Road is posted 45 MPH Radar Enforced. Preliminary review of prevailing speeds and roadway conditions could support radar recertification.

Existing Traffic Devices

Buena Creek Road is a striped two-lane Through Highway that varies from 24 feet to 54 feet in width. There is edge-striping on both sides of the roadway. The road is classified as a Major Road on the County General Plan Mobility Element Network. The road is posted 45 MPH/Radar Certified.

Average Daily Traffic Volumes

	<u>2/18</u>	<u>10/10</u>
Buena Creek Road:		
150' W/o Hollyberry Drive	12,390	8,630

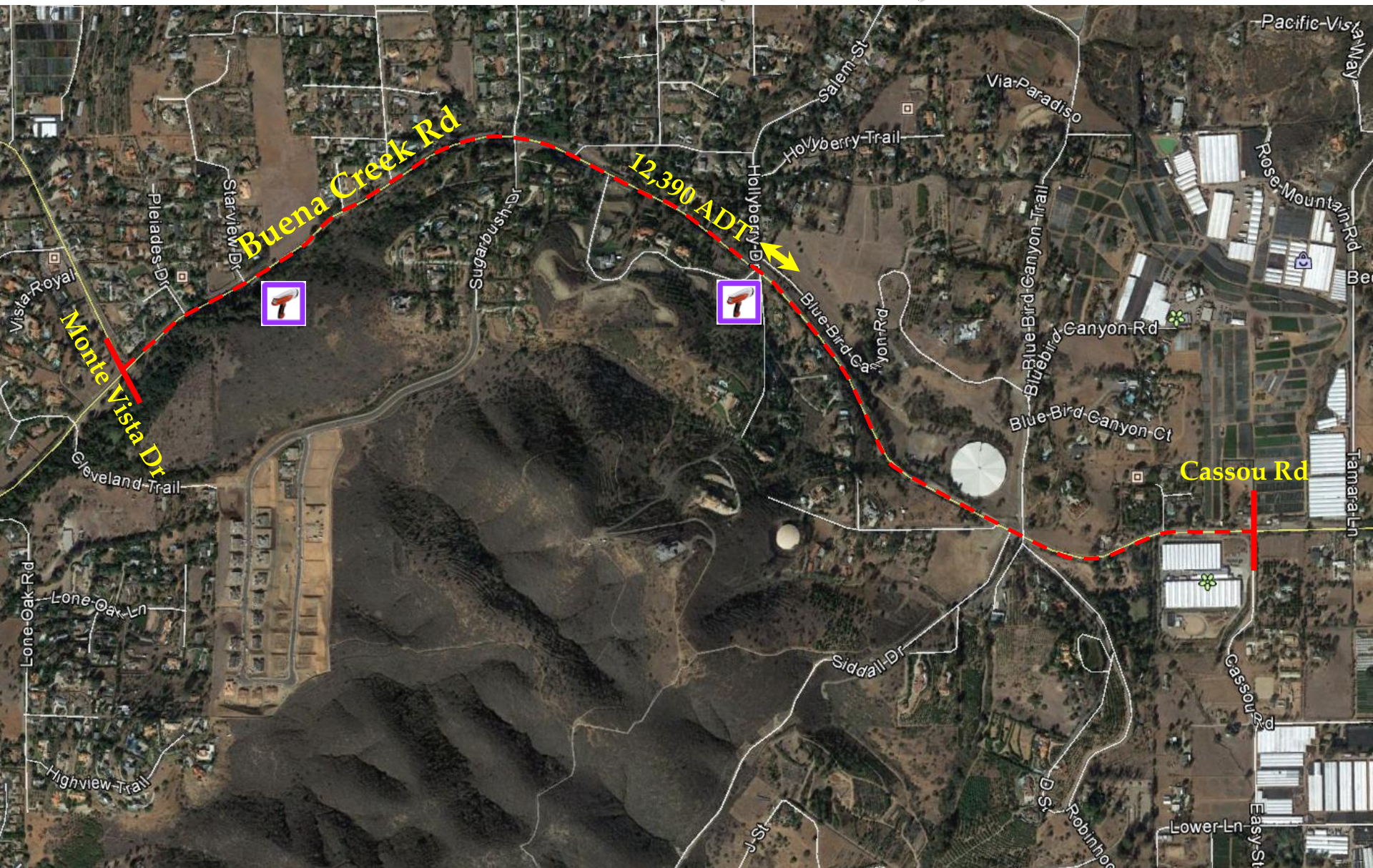
<u>Speed Data</u>		<u>85th Percentile</u>	<u>10 MPH Pace</u>	<u>% in Pace</u>
Buena Creek Road:				
90' E/o Starview Drive	(2018)	44.6 MPH	36-45	68.0%
	(2011)	47.6 MPH	39-48	63.3%
650' E/o Mile Post 2.0	(2018)	48.1 MPH	38-47	62.0%
	(2002)	47.9 MPH	40-49	86.7%
Speed Zone	(2018)	46.4 MPH	37-46	65.0%

Collision Data

There have been 42 reported collisions along this segment of roadway, 17 of which involved injury, in a 4 year and 7 month period (5-1-13 to 11-30-17). These collisions result in a segment accident rate of 1.15 collisions per million vehicle miles. The statewide average is 2.39 collisions per million vehicle miles for similar suburban conventional 2 lanes or less with speeds less than 45 mile per hour.

5-C. Radar Recertification

Buena Creek Road from Monte Vista Drive to Cassou Road (1.77 miles)



VOLUME

Buena Creek Rd 150' W/O Hollyberry Dr

Day: Tuesday
Date: 2/20/2018City: Vista
Project #: CA18_4052_001

DAILY TOTALS					NB	SB						EB	WB						Total
					0	0						6,233	6,159						12,392
AM Period	NB	SB	EB	WB	TOTAL		PM Period	NB	SB	EB	WB	TOTAL							TOTAL
00:00			8	3	11		12:00			52	61	113							
00:15			4	3	7		12:15			75	58	133							
00:30			2	3	5		12:30			65	55	120							
00:45			2	0	2	25	12:45			88	280	68	242	156	522				
01:00			2	4	6		13:00			93	69	162							
01:15			5	1	6		13:15			65	64	129							
01:30			3	1	4		13:30			81	71	152							
01:45			0	10	1	7	13:45			88	327	80	284	168	611				
02:00			1	1	2		14:00			82	76	158							
02:15			1	2	3		14:15			98	71	169							
02:30			3	7	10		14:30			110	81	191							
02:45			2	7	3	11	14:45			132	422	85	313	217	735				
03:00			0	1	1		15:00			120	103	223							
03:15			1	4	5		15:15			170	123	293							
03:30			2	3	5		15:30			156	140	296							
03:45			1	4	5	13	15:45			163	609	113	479	276	1088				
04:00			2	5	7		16:00			171	176	347							
04:15			6	16	22		16:15			161	147	308							
04:30			11	19	30		16:30			159	210	369							
04:45			13	32	35	62	16:45			182	673	206	739	388	1412				
05:00			15	37	52		17:00			159	173	332							
05:15			27	57	84		17:15			176	163	339							
05:30			40	67	107		17:30			189	153	342							
05:45			79	161	151	233	17:45			125	649	133	622	258	1271				
06:00			107	55	162		18:00			101	145	246							
06:15			115	90	205		18:15			108	83	191							
06:30			141	135	276		18:30			77	72	149							
06:45			156	519	283	926	18:45			75	361	60	360	135	721				
07:00			105	141	246		19:00			61	57	118							
07:15			114	147	261		19:15			43	39	82							
07:30			134	173	307		19:30			37	41	78							
07:45			139	492	283	1097	19:45			46	187	21	158	67	345				
08:00			156	135	291		20:00			34	31	65							
08:15			127	127	254		20:15			29	26	55							
08:30			84	105	189		20:30			31	32	63							
08:45			89	456	227	505	20:45			28	122	32	121	60	243				
09:00			81	90	171		21:00			26	14	40							
09:15			61	110	171		21:15			24	15	39							
09:30			64	84	148		21:30			29	17	46							
09:45			63	269	139	360	21:45			20	99	11	57	31	156				
10:00			51	57	108		22:00			12	15	27							
10:15			67	68	135		22:15			15	12	27							
10:30			50	68	118		22:30			13	11	24							
10:45			43	211	100	250	22:45			9	49	20	58	29	107				
11:00			73	45	118		23:00			11	12	23							
11:15			62	57	119		23:15			9	5	14							
11:30			55	63	118		23:30			10	5	15							
11:45			49	239	121	237	23:45			9	39	5	27	14	66				
TOTALS			2416	2699	5115		TOTALS			3817	3460	7277							
SPLIT %			47.2%	52.8%	41.3%		SPLIT %			52.5%	47.5%	58.7%							

DAILY TOTALS					NB	SB						EB	WB						Total
					0	0						6,233	6,159						12,392
AM Peak Hour			07:30	07:00	07:15		PM Peak Hour			16:45	16:30	16:30							
AM Pk Volume			556	605	1142		PM Pk Volume			706	752	1428							
Pk Hr Factor			0.891	0.874	0.930		Pk Hr Factor			0.934	0.895	0.920							
7 - 9 Volume	0	0	948	1110	2058		4 - 6 Volume	0	0	1322	1361	2683							
7 - 9 Peak Hour			07:30	07:00	07:15		4 - 6 Peak Hour			16:45	16:30	16:30							
7 - 9 Pk Volume	0	0	556	605	1142		4 - 6 Pk Volume	0	0	706	752	1428							
Pk Hr Factor	0.000	0.000	0.891	0.874	0.930		Pk Hr Factor	0.000	0.000	0.934	0.895	0.920							



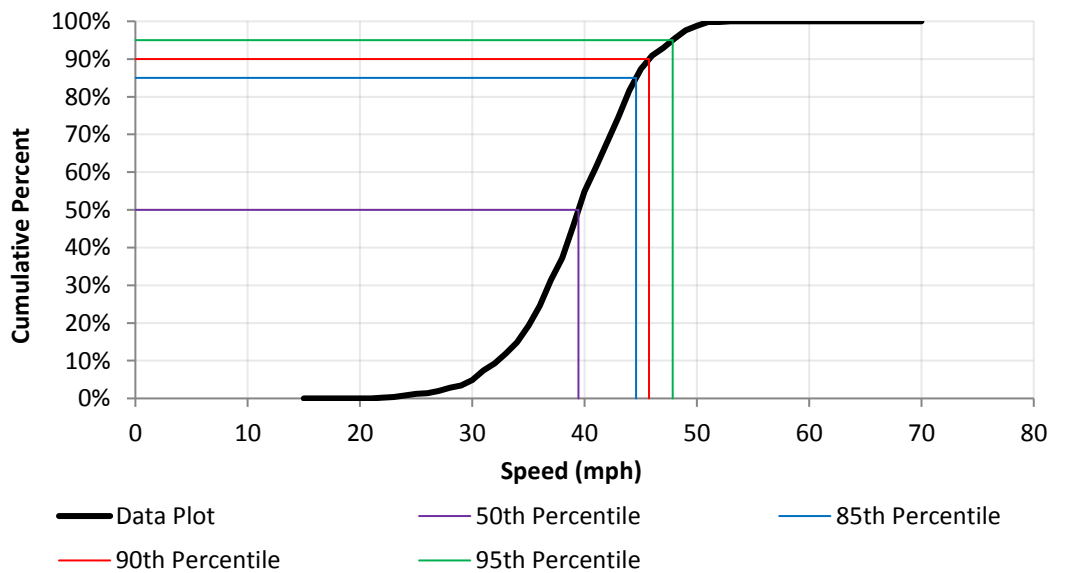
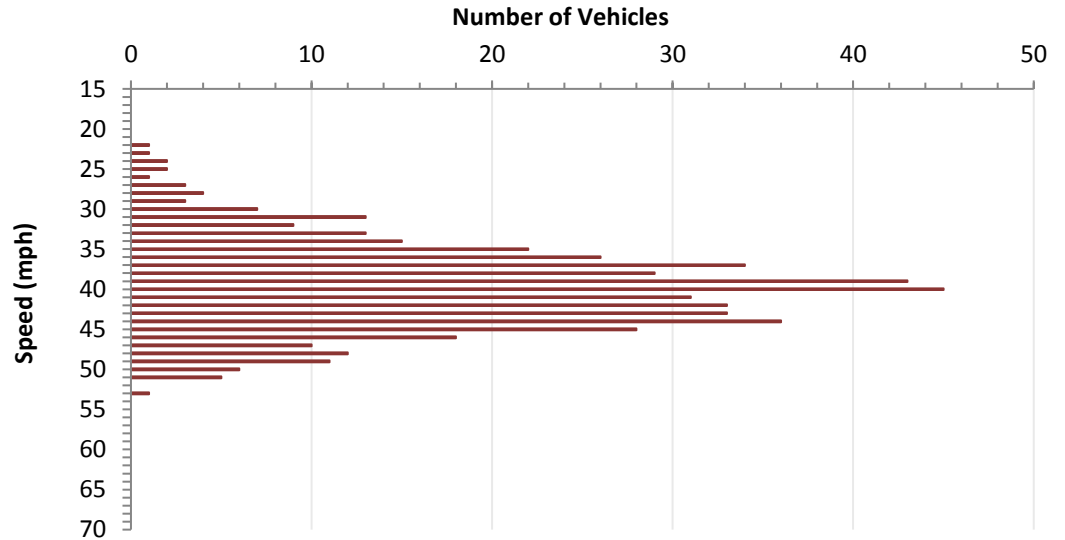
RADAR SPEED SURVEY

SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

Road Name:	Buena Creek Road	From:	Monte Vista Dr	To:	Cassou Rd
Position:	90' E/O Starview Dr	Direction:	EB/WB		

Date:	2/20/2018	Weather:	Clear	Project Number:	0
Time Start:	11:20 AM	Road Condition:	Dry	Observer:	Contractor
Time End:	1:20 PM	Posted Speed:	45 mph	Calibration Test:	0

Speed (mph)	Num. Veh.	Cum. Pct.
15		
16		
17		
18		
19		
20		
21		
22	1	0.2%
23	1	0.4%
24	2	0.8%
25	2	1.2%
26	1	1.4%
27	3	2.0%
28	4	2.8%
29	3	3.4%
30	7	4.8%
31	13	7.4%
32	9	9.3%
33	13	11.9%
34	15	14.9%
35	22	19.3%
36	26	24.5%
37	34	31.4%
38	29	37.2%
39	43	45.9%
40	45	54.9%
41	31	61.2%
42	33	67.8%
43	33	74.4%
44	36	81.7%
45	28	87.3%
46	18	90.9%
47	10	93.0%
48	12	95.4%
49	11	97.6%
50	6	98.8%
51	5	99.8%
52		
53	1	100.0%
54		
55		
56		
57		
58		
59		
60		
61		
62		
63		
64		
65		
66		
67		
68		
69		
70		
Total	497	



DATA ANALYSIS

Average Speed	39.8	Range	22 - 53
50th Percentile	39.5	10 mph Pace	36 - 45
85th Percentile	44.6	Number in Pace	338
90th Percentile	45.7	Percent in Pace	68%
95th Percentile	47.8		



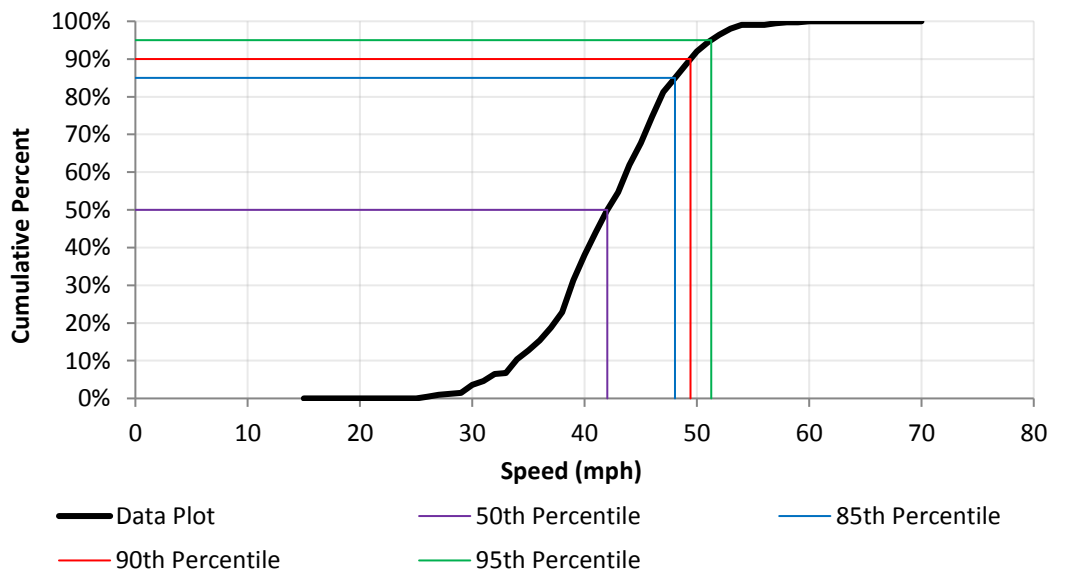
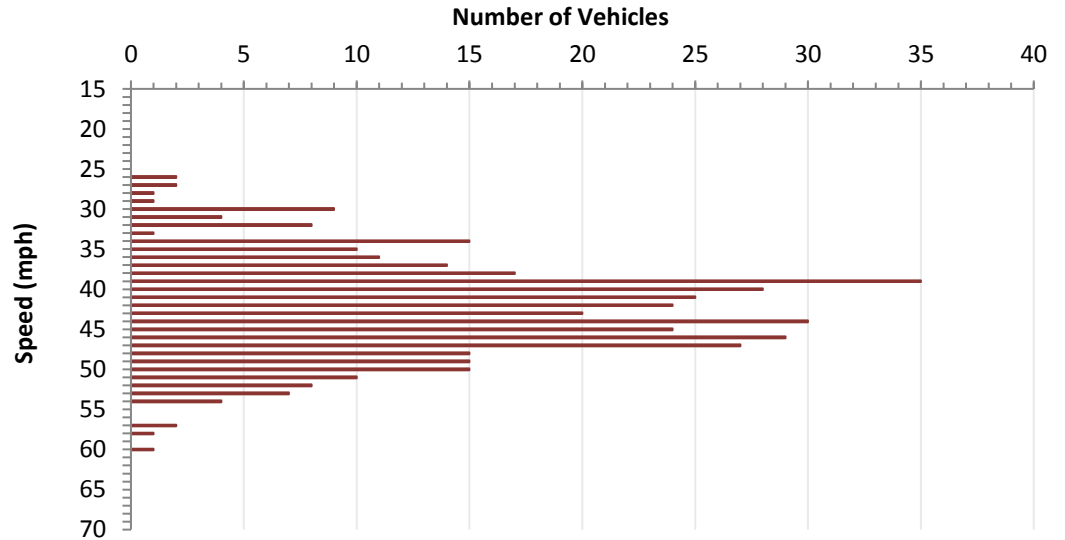
RADAR SPEED SURVEY

SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

Road Name:	Buena Creek Road	From:	Monte Vista Dr	To:	Cassou Rd
Position:	650' E/O MP 2.0	Direction:	EB/WB		

Date:	2/20/2018	Weather:	Clear	Project Number:	0
Time Start:	1:30 PM	Road Condition:	Dry	Observer:	Contractor
Time End:	3:30 PM	Posted Speed:	45 mph	Calibration Test:	0

Speed (mph)	Num. Veh.	Cum. Pct.
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		
26	2	0.5%
27	2	1.0%
28	1	1.2%
29	1	1.4%
30	9	3.6%
31	4	4.6%
32	8	6.5%
33	1	6.7%
34	15	10.4%
35	10	12.8%
36	11	15.4%
37	14	18.8%
38	17	22.9%
39	35	31.3%
40	28	38.1%
41	25	44.1%
42	24	49.9%
43	20	54.7%
44	30	61.9%
45	24	67.7%
46	29	74.7%
47	27	81.2%
48	15	84.8%
49	15	88.4%
50	15	92.0%
51	10	94.5%
52	8	96.4%
53	7	98.1%
54	4	99.0%
55		
56		
57	2	99.5%
58	1	99.8%
59		
60	1	100.0%
61		
62		
63		
64		
65		
66		
67		
68		
69		
70		
Total	415	



DATA ANALYSIS

Average Speed	42.4	Range	26 - 60
50th Percentile	42.0	10 mph Pace	38 - 47
85th Percentile	48.1	Number in Pace	259
90th Percentile	49.4	Percent in Pace	62%
95th Percentile	51.3		

SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE

COMMITTEE REPORT OF: April 27, 2018

Item **5-D**

SUPERVISORIAL DISTRICT: 5

SUBJECT: Radar Recertification

LOCATION: Buena Creek Road from Cassou Road to the San Marcos City Limit (near Sunny Vista Lane) (0.63 miles)
VISTA (Thos. Bros. 1108-G1)

INITIATED BY: DPW Traffic Engineering

REQUEST: Radar Recertification

PROBLEM AS STATED BY REQUESTER:

Buena Creek Road from Cassou Road to the San Marcos City Limit is posted 50 MPH Radar Enforced. Preliminary review of prevailing speeds and roadway conditions could support radar recertification.

Existing Traffic Devices

Buena Creek Road is a striped two-lane Through Highway that varies from 24 feet to 36 feet in width. There is edge-striping on both sides of the roadway. The road is classified as a Major Road on the County General Plan Mobility Element Network. The road is posted 50 MPH/Radar Enforced.

Average Daily Traffic Volumes

Buena Creek Road:

150' W/o Tamara Lane

2/18

11,065

01/11

8,500 (estimated)

Speed Data

Buena Creek Road:

1,185' E/o Mile Post 3

(2018)

(2010)

**85th
Percentile**

49.8 MPH

51.0 MPH

**10 MPH
Pace**

40-49

41-50

**% in
Pace**

57.0%

63.8%

Collision Data

There have been 11 reported collisions along this segment of roadway, 5 of which involved injury, in a 4 year 8 month period (4-1-13 to 11-30-17). These collisions result in a segment accident rate of 0.93 collisions per million vehicle miles. The statewide average is 2.39 collisions per million vehicle miles for similar suburban conventional 2 lanes or less with speeds less than 45 mile per hour.

5-D. Radar Recertification

**Buena Creek Road from Cassou Road to the San Marcos City Limit
(near Sunny Vista Ln) (0.63 miles)**



VOLUME

Buena Creek Rd 150' W/O Tamara Ln

Day: Tuesday
Date: 2/20/2018City: Vista
Project #: CA18_4052_003

DAILY TOTALS					NB	SB						EB	WB						Total
					0	0						5,547	5,518						11,065
AM Period	NB	SB	EB	WB	TOTAL		PM Period	NB	SB	EB	WB	TOTAL							TOTAL
00:00			5	5	10		12:00			46	50	96							
00:15			4	2	6		12:15			61	60	121							
00:30			3	3	6		12:30			61	39	100							
00:45			2	14	1	11	12:45			76	244	61	210	137	454				
01:00			2	3	5		13:00			78	66	144							
01:15			3	0	3		13:15			66	74	140							
01:30			3	1	4		13:30			65	75	140							
01:45			1	9	1	5	13:45			78	287	61	276	139	563				
02:00			2	2	4		14:00			90	57	147							
02:15			1	2	3		14:15			94	55	149							
02:30			3	7	10		14:30			88	70	158							
02:45			2	8	1	12	14:45			124	396	77	259	201	655				
03:00			0	2	2		15:00			98	103	201							
03:15			1	4	5		15:15			161	92	253							
03:30			1	2	3		15:30			137	137	274							
03:45			2	4	4	12	15:45			150	546	104	436	254	982				
04:00			0	5	5		16:00			152	166	318							
04:15			8	13	21		16:15			142	142	284							
04:30			8	16	24		16:30			122	205	327							
04:45			19	35	21	55	16:45			152	568	199	712	351	1280				
05:00			13	34	47		17:00			133	163	296							
05:15			31	51	82		17:15			156	162	318							
05:30			38	59	97		17:30			155	134	289							
05:45			77	159	61	205	17:45			115	559	123	582	238	1141				
06:00			92	47	139		18:00			79	132	211							
06:15			103	85	188		18:15			99	90	189							
06:30			127	127	254		18:30			65	63	128							
06:45			154	476	105	364	18:45			60	303	58	343	118	646				
07:00			114	117	231		19:00			48	42	90							
07:15			112	125	237		19:15			30	45	75							
07:30			139	134	273		19:30			28	35	63							
07:45			134	499	123	499	19:45			23	129	20	142	43	271				
08:00			128	116	244		20:00			25	29	54							
08:15			122	106	228		20:15			19	23	42							
08:30			87	86	173		20:30			15	33	48							
08:45			92	429	123	431	20:45			17	76	27	112	44	188				
09:00			81	82	163		21:00			17	15	32							
09:15			66	92	158		21:15			13	20	33							
09:30			57	68	125		21:30			25	16	41							
09:45			59	263	68	310	21:45			13	68	29	135	29	135				
10:00			51	54	105		22:00			9	18	27							
10:15			46	51	97		22:15			6	9	15							
10:30			59	49	108		22:30			11	9	20							
10:45			57	213	46	200	22:45			9	35	18	54	27	89				
11:00			57	41	98		23:00			7	10	17							
11:15			45	50	95		23:15			3	4	7							
11:30			46	47	93		23:30			8	6	14							
11:45			53	201	58	196	23:45			8	26	13	51	13	51				
TOTALS			2310	2300	4610		TOTALS			3237	3218	6455							
SPLIT %			50.1%	49.9%	41.7%		SPLIT %			50.1%	49.9%	58.3%							

DAILY TOTALS					NB	SB						EB	WB						Total
					0	0						5,547	5,518						11,065
AM Peak Hour			07:30	07:00	07:15		PM Peak Hour			15:15	16:30	16:30							
AM Pk Volume			523	499	1011		PM Pk Volume			600	729	1292							
Pk Hr Factor			0.941	0.931	0.926		Pk Hr Factor			0.932	0.889	0.920							
7 - 9 Volume	0	0	928	930	1858		4 - 6 Volume	0	0	1127	1294	2421							
7 - 9 Peak Hour			07:30	07:00	07:15		4 - 6 Peak Hour			16:45	16:30	16:30							
7 - 9 Pk Volume	0	0	523	499	1011		4 - 6 Pk Volume	0	0	596	729	1292							
Pk Hr Factor	0.000	0.000	0.941	0.931	0.926		Pk Hr Factor	0.000	0.000	0.955	0.889	0.920							



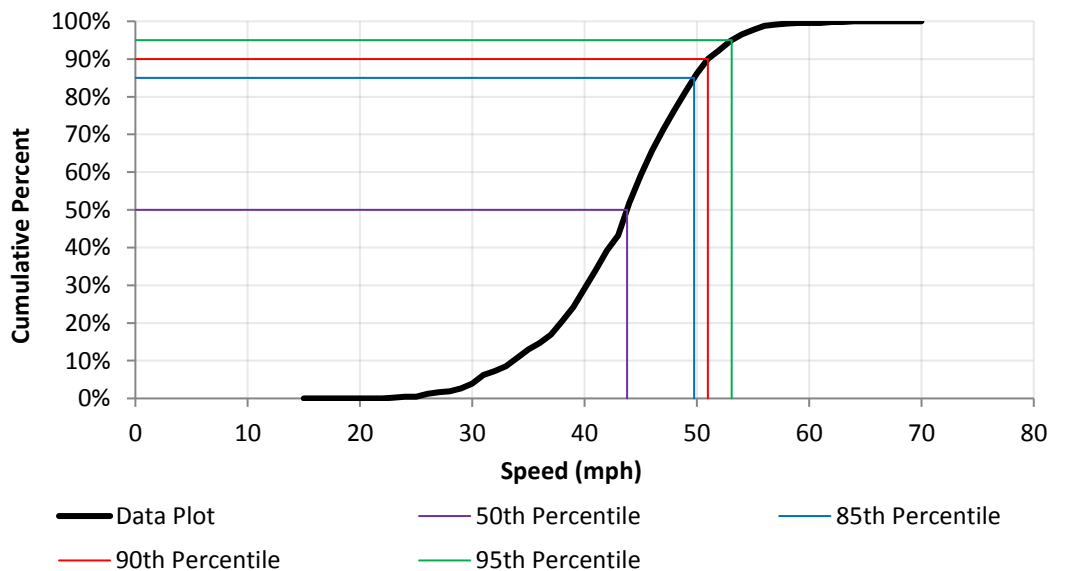
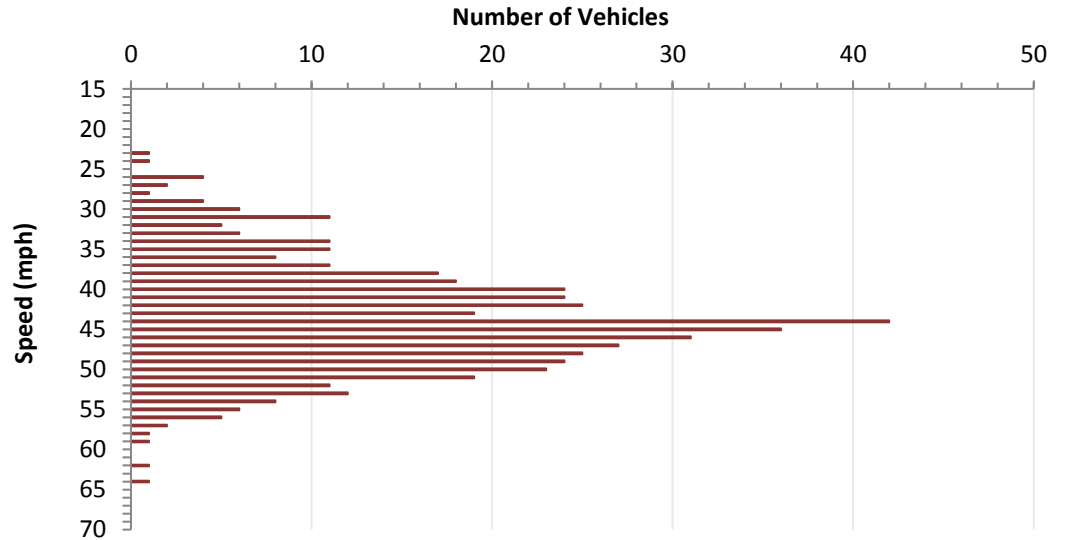
RADAR SPEED SURVEY

SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

Road Name:	Buena Creek Road	From:	Cassou Rd	To:	San Marcos CL
Position:	1,185' EO MP 3.0	Direction:	EB/WB		

Date:	2/26/2018	Weather:	Clear	Project Number:	0
Time Start:	9:00 AM	Road Condition:	Dry	Observer:	Contractor
Time End:	11:00 AM	Posted Speed:	50 MPH	Calibration Test:	0

Speed (mph)	Num. Veh.	Cum. Pct.
15		
16		
17		
18		
19		
20		
21		
22		
23	1	0.2%
24	1	0.4%
25		
26	4	1.2%
27	2	1.7%
28	1	1.9%
29	4	2.7%
30	6	3.9%
31	11	6.2%
32	5	7.2%
33	6	8.5%
34	11	10.7%
35	11	13.0%
36	8	14.7%
37	11	16.9%
38	17	20.5%
39	18	24.2%
40	24	29.1%
41	24	34.1%
42	25	39.3%
43	19	43.2%
44	42	51.9%
45	36	59.3%
46	31	65.7%
47	27	71.3%
48	25	76.4%
49	24	81.4%
50	23	86.2%
51	19	90.1%
52	11	92.4%
53	12	94.8%
54	8	96.5%
55	6	97.7%
56	5	98.8%
57	2	99.2%
58	1	99.4%
59	1	99.6%
60		
61		
62	1	99.8%
63		
64	1	100.0%
65		
66		
67		
68		
69		
70		
Total	484	



DATA ANALYSIS

Average Speed	43.6	Range	23 - 64
50th Percentile	43.8	10 mph Pace	40 - 49
85th Percentile	49.8	Number in Pace	277
90th Percentile	51.0	Percent in Pace	57%
95th Percentile	53.1		