

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

July 16, 2019

TO: Community Planning/Sponsor Group Chairpersons

FROM: Secretary, Traffic Advisory Committee

MEETING NOTICE

Attached is the preliminary agenda for the July 26, 2019, 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:bb

Attachment



SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE

July 26, 2019 ~ 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 1</u>			
1-A. RADAR RECERTIFICATION	BRIARWOOD ROAD	BONITA	SWEETWATER
<u>SUPERVISORIAL DISTRICT 2</u>			
2-A. RADAR RECERTIFICATION	POTRERO VALLEY ROAD	POTRERO	POTRERO
<u>SUPERVISORIAL DISTRICT 3</u>			
3-A. RADAR RECERTIFICATION	MARY LANE	ESCONDIDO	N/A
<u>SUPERVISORIAL DISTRICT 5</u>			
5-A. RADAR RECERTIFICATION	WINTER HAVEN ROAD	FALLBROOK	FALLBROOK

SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE

COMMITTEE REPORT OF: July 26, 2019

Item 1-A

SUPERVISORIAL DISTRICT: 1

SUBJECT: Radar Recertification

LOCATION: Briarwood Road from Sweetwater Road to State Route 54 (a distance of 0.62 miles) BONITA (Thos. Bros. 1290-H7)

INITIATED BY: DPW Traffic Engineering

REQUEST: Radar Recertification

PROBLEM AS STATED BY REQUESTER:

Briarwood Road from Sweetwater Road to State Route 54 is posted 40 MPH Radar Enforced. Preliminary review of prevailing speeds and roadway conditions could support radar recertification.

Existing Traffic Devices

Briarwood Road is a striped three-lane roadway with a 24-48 foot travelled way on a 63-82 foot road bed. There is a signalized intersections along the segment. There is a two-way left-turn lane separating both directions of travel. There are also parking lanes along both sides of the roadway. The road is classified as a Community Collector on the County General Plan Mobility Element Network. The road is posted 40 MPH/Radar Enforced.

Average Daily Traffic Volumes

	<u>05/19</u>	<u>03/12</u>
Briarwood Road:		
S/o Bonita Woods Drive	22,469	23,430

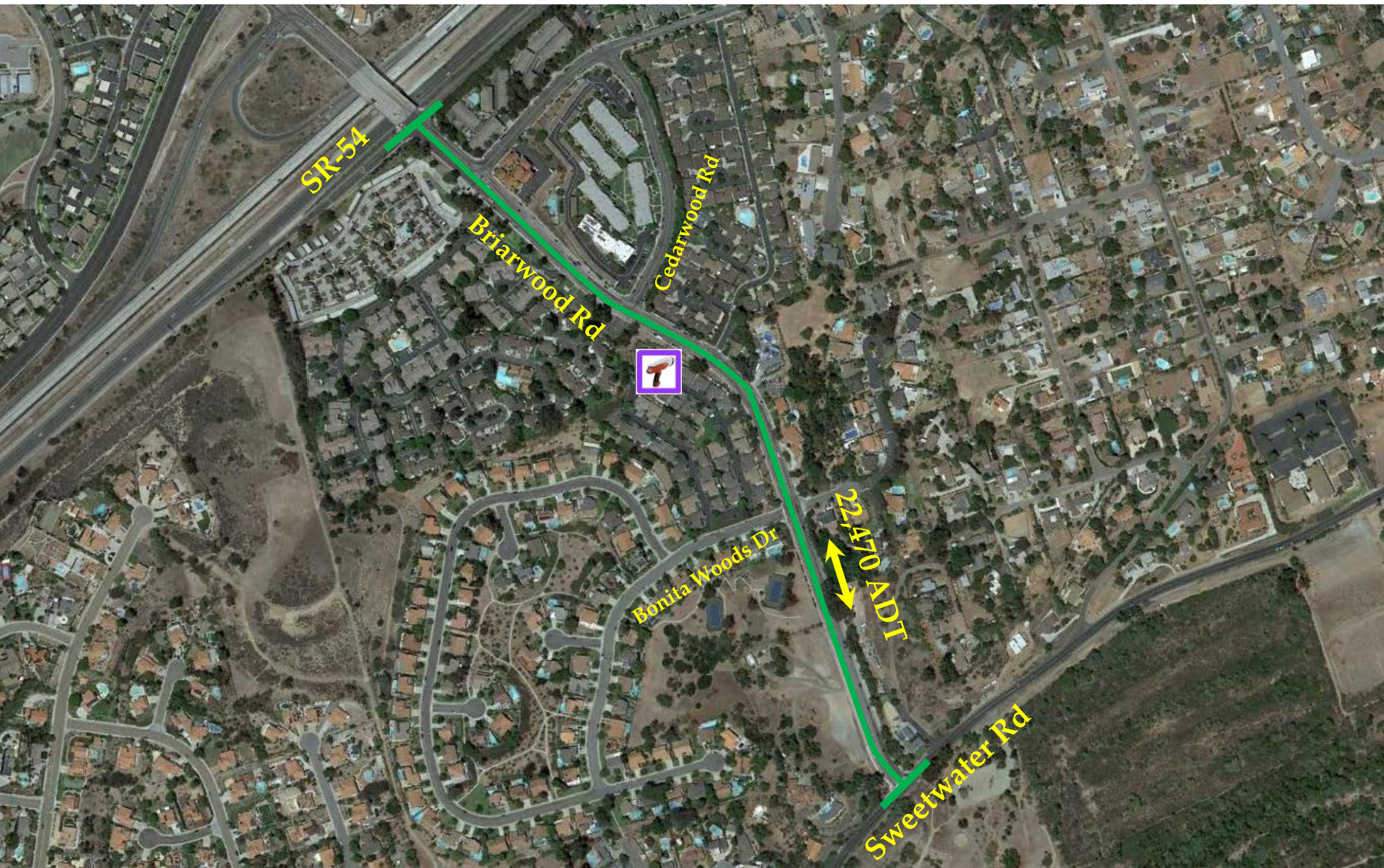
<u>Speed Data</u>	<u>85th Percentile</u>	<u>10 MPH Pace</u>	<u>% in Pace</u>
Briarwood Road			
250' S/o Cedarwood Road (2019)	40.9 MPH	31-40	71.0%
(2012)	42.7 MPH	33-42	64.5%

Collision Data

There have been 25 reported collisions along this segment of roadway, 8 of which involved injury, in a 3 year period (02-01-16 to 01-31-19). These collisions result in a segment accident rate of 1.64 collisions per million vehicle miles. The statewide average is 1.03 collisions per million vehicle miles for similar suburban conventional 3 lanes.

1-A. Radar Recertification

Briarwood Rd from Sweetwater Rd to SR-54 (0.62 miles)



COUNTY OF SAN DIEGO
Engineering and Traffic Survey

Per California Vehicle Code 627

STREET	Briarwood Road	CERTIFICATION DATE	10/30/2019
FROM	Sweetwater Road	TO	State Route 54
SEGMENT LENGTH	0.62 miles	AREA	Bonita

Prevailing Speeds: Posted Speed: **40 MPH**

Location	250' S/o Cedarwood Rd
Date of Survey	05/07/2019
85th Percentile	40.9 MPH
10 MPH Pace	31-40
Percent in Pace	71%

Collision Records:

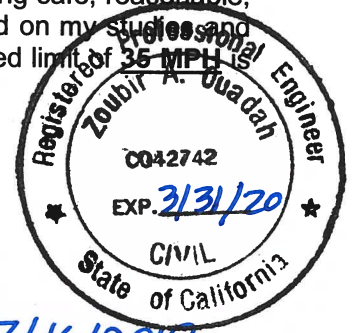
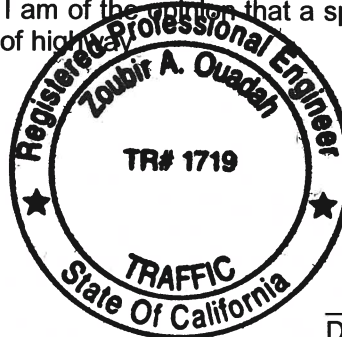
Number of Years Studied	3 years (02/01/2016 – 01/31/2019)
Total Collisions	25
Statewide Average Collision Rate	1.03
Collisions per Million Vehicle Miles	1.64
Number of Collisions with Fatalities	0
Number of Collisions with Injuries	8

Highway, Traffic, And Roadside Conditions Not Readily Apparent to the Driver:

Average Daily Traffic	22,469 vpd	Date Counted	05/23/2019
Number of Lanes	3	Road Striping	2-way left turn lane, edge line
Mobility Element	Collector	Caltrans Urban/Rural Classification	Suburban
Roadbed Width	63 to 82 feet	Travelled Lane Width	24 to 48 feet
Road Curvature	Curvilinear	Available Shoulders	8-foot parking lane
Intersecting Roads	Some	Intersecting Driveways	Minimal
Pedestrian Pathways	Yes	Bike Lane/Route	No

CERTIFICATION:

I, Zoubir Ouadah, County Traffic Engineer for the County of San Diego and duly registered in the State of California as a Professional Traffic and Civil Engineer, have supervised data collection and studies for this Traffic & Engineering Survey made for the purpose of determining safe, reasonable, and appropriate speeds for motor vehicles upon this public highway and based on my studies and examination of this Engineering & Traffic Survey I am of the opinion that a speed limit of **35 MPH** is justified, safe and reasonable upon this segment of highway.




Zoubir A. Ouadah, CE 42742 & TE 1719

07/16/2019
Date

VOLUME

Briarwood Rd S/O Bonita Woods Dr

Day: Thursday
Date: 5/23/2019City: Bonita
Project #: CA19_4218_008

DAILY TOTALS					NB	SB						EB	WB						Total
					10,621	11,848						0	0						22,469
AM Period	NB	SB	EB	WB	TOTAL		PM Period	NB	SB	EB	WB	TOTAL							TOTAL
00:00	13	24			37		12:00	145	141			286							286
00:15	11	25			36		12:15	156	168			324							324
00:30	13	28			41		12:30	131	157			288							288
00:45	7	44	17	94	24	138	12:45	157	589	163	629	320	1218						
01:00	7	13			20		13:00	124	169			293							293
01:15	15	12			27		13:15	140	146			286							286
01:30	8	10			18		13:30	150	168			318							318
01:45	9	39	20	55	29	94	13:45	151	565	194	677	345	1242						
02:00	7	3			10		14:00	167	212			379							379
02:15	6	8			14		14:15	179	223			402							402
02:30	9	8			17		14:30	162	234			396							396
02:45	5	27	6	25	11	52	14:45	145	653	264	933	409	1586						
03:00	6	8			14		15:00	186	205			391							391
03:15	9	9			18		15:15	184	239			423							423
03:30	11	5			16		15:30	193	243			436							436
03:45	10	36	13	35	23	71	15:45	174	737	234	921	408	1658						
04:00	14	15			29		16:00	169	230			399							399
04:15	29	8			37		16:15	151	257			408							408
04:30	25	18			43		16:30	148	273			421							421
04:45	42	110	18	59	60	169	16:45	167	635	284	1044	451	1679						
05:00	57	12			69		17:00	178	267			445							445
05:15	88	18			106		17:15	145	245			390							390
05:30	125	35			160		17:30	197	261			458							458
05:45	119	389	40	105	159	494	17:45	154	674	280	1053	434	1727						
06:00	142	52			194		18:00	183	247			430							430
06:15	145	77			222		18:15	177	238			415							415
06:30	164	126			290		18:30	147	222			369							369
06:45	181	632	144	399	325	1031	18:45	141	648	204	911	345	1559						
07:00	200	118			318		19:00	177	189			366							366
07:15	186	148			334		19:15	160	184			344							344
07:30	205	174			379		19:30	141	160			301							301
07:45	176	767	173	613	349	1380	19:45	128	606	145	678	273	1284						
08:00	186	166			352		20:00	140	138			278							278
08:15	186	156			342		20:15	92	147			239							239
08:30	155	144			299		20:30	101	111			212							212
08:45	176	703	137	603	313	1306	20:45	100	433	113	509	213	942						
09:00	167	134			301		21:00	97	99			196							196
09:15	142	125			267		21:15	86	114			200							200
09:30	153	148			301		21:30	63	101			164							164
09:45	161	623	149	556	310	1179	21:45	75	321	81	395	156	716						
10:00	151	126			277		22:00	52	109			161							161
10:15	132	143			275		22:15	54	63			117							117
10:30	165	135			300		22:30	38	56			94							94
10:45	132	580	137	541	269	1121	22:45	38	182	80	308	118	490						
11:00	130	129			259		23:00	31	55			86							86
11:15	125	133			258		23:15	21	50			71							71
11:30	136	144			280		23:30	35	35			70							70
11:45	126	517	136	542	262	1059	23:45	24	111	23	163	47	274						
TOTALS	4467	3627			8094		TOTALS	6154	8221			14375							
SPLIT %	55.2%	44.8%			36.0%		SPLIT %	42.8%	57.2%			64.0%							

DAILY TOTALS					NB	SB						EB	WB						Total
					10,621	11,848						0	0						22,469
AM Peak Hour	06:45	07:30			07:30		PM Peak Hour	15:00	16:15			16:45							
AM Pk Volume	772	669			1422		PM Pk Volume	737	1081			1744							
Pk Hr Factor	0.941	0.961			0.938		Pk Hr Factor	0.955	0.952			0.952							0.952
7 - 9 Volume	1470	1216	0	0	2686		4 - 6 Volume	1309	2097	0	0	3406							
7 - 9 Peak Hour	07:00	07:30			07:30		4 - 6 Peak Hour	16:45	16:15			16:45							
7 - 9 Pk Volume	767	669	0	0	1422		4 - 6 Pk Volume	687	1081	0	0	1744							
Pk Hr Factor	0.935	0.961	0.000	0.000	0.938		Pk Hr Factor	0.872	0.952	0.000	0.000	0.952							



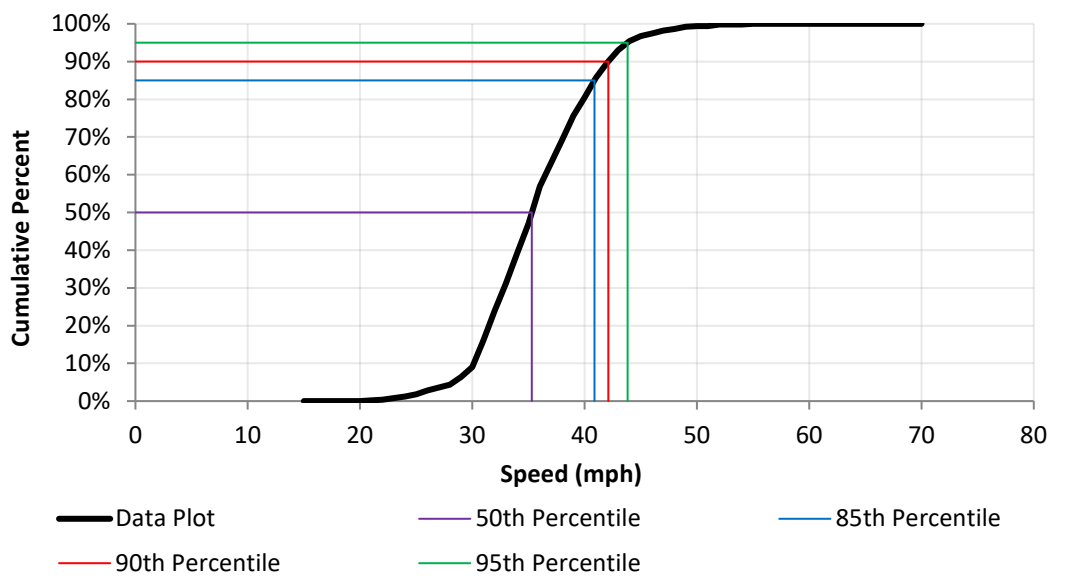
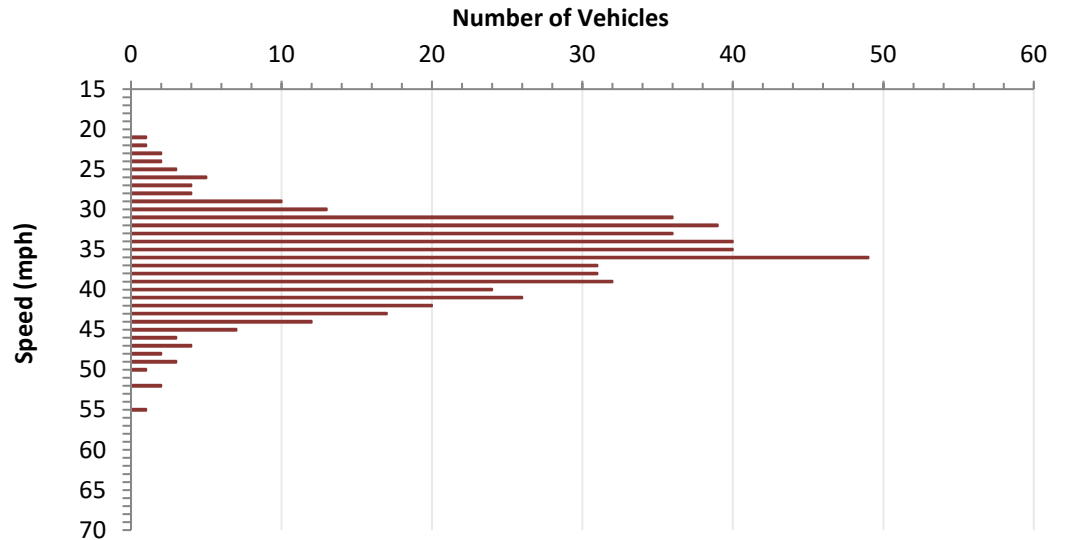
RADAR SPEED SURVEY

SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

Road Name:	Briarwood Rd	From:	SR-54	To:	Sweetwater Rd
Position:	Briarwood Rd 250' S/O Cedarwood Rd			Direction:	NB/SB

Date:	5/7/2019	Weather:	Clear	Project Number:	19-4219-011
Time Start:	9:30 AM	Road Condition:	Dry	Observer:	Contractor
Time End:	11:30 AM	Posted Speed:	40 MPH	Calibration Test:	Y

Speed (mph)	Num. Veh.	Cum. Pct.
15		
16		
17		
18		
19		
20		
21	1	0.2%
22	1	0.4%
23	2	0.8%
24	2	1.2%
25	3	1.8%
26	5	2.8%
27	4	3.6%
28	4	4.4%
29	10	6.4%
30	13	9.0%
31	36	16.2%
32	39	24.0%
33	36	31.1%
34	40	39.1%
35	40	47.1%
36	49	56.9%
37	31	63.1%
38	31	69.3%
39	32	75.6%
40	24	80.4%
41	26	85.6%
42	20	89.6%
43	17	93.0%
44	12	95.4%
45	7	96.8%
46	3	97.4%
47	4	98.2%
48	2	98.6%
49	3	99.2%
50	1	99.4%
51		
52	2	99.8%
53		
54		
55	1	100.0%
56		
57		
58		
59		
60		
61		
62		
63		
64		
65		
66		
67		
68		
69		
70		
Total	501	



DATA ANALYSIS

Average Speed	36.1	Range	21 - 55
50th Percentile	35.3	10 mph Pace	31 - 40
85th Percentile	40.9	Number in Pace	358
90th Percentile	42.1	Percent in Pace	71%
95th Percentile	43.8		

SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE

COMMITTEE REPORT OF: July 26, 2019

Item **2-A**

SUPERVISORIAL DISTRICT: 2

SUBJECT: Radar Recertification

LOCATION: Potrero Valley Road from State Route 94 to Potrero Park Road (a distance of 0.69 miles) POTRERO (Thos. Bros. Map D)

INITIATED BY: DPW Traffic Engineering

REQUEST: Radar Recertification

PROBLEM AS STATED BY REQUESTER:

Potrero Valley Road from State Route 94 to Potrero Park Road is posted 40 MPH Radar Enforced. Preliminary review of prevailing speeds and roadway conditions could support radar recertification.

Existing Traffic Devices

Potrero Valley Road is a striped two-lane roadway with a 24 foot travelled way on a 28 foot road bed. The roadway is striped with a yellow no passing centerline and white edgeline. The segment has a speed reduced school zone. The road is classified as a Minor Collector on the County General Plan Mobility Element Network. The road is posted 40 MPH/Radar Enforced.

Average Daily Traffic Volumes

	<u>05/19</u>	<u>11/12</u>
Potrero Valley Road:		
N/o State Route 94	1,774	1,060

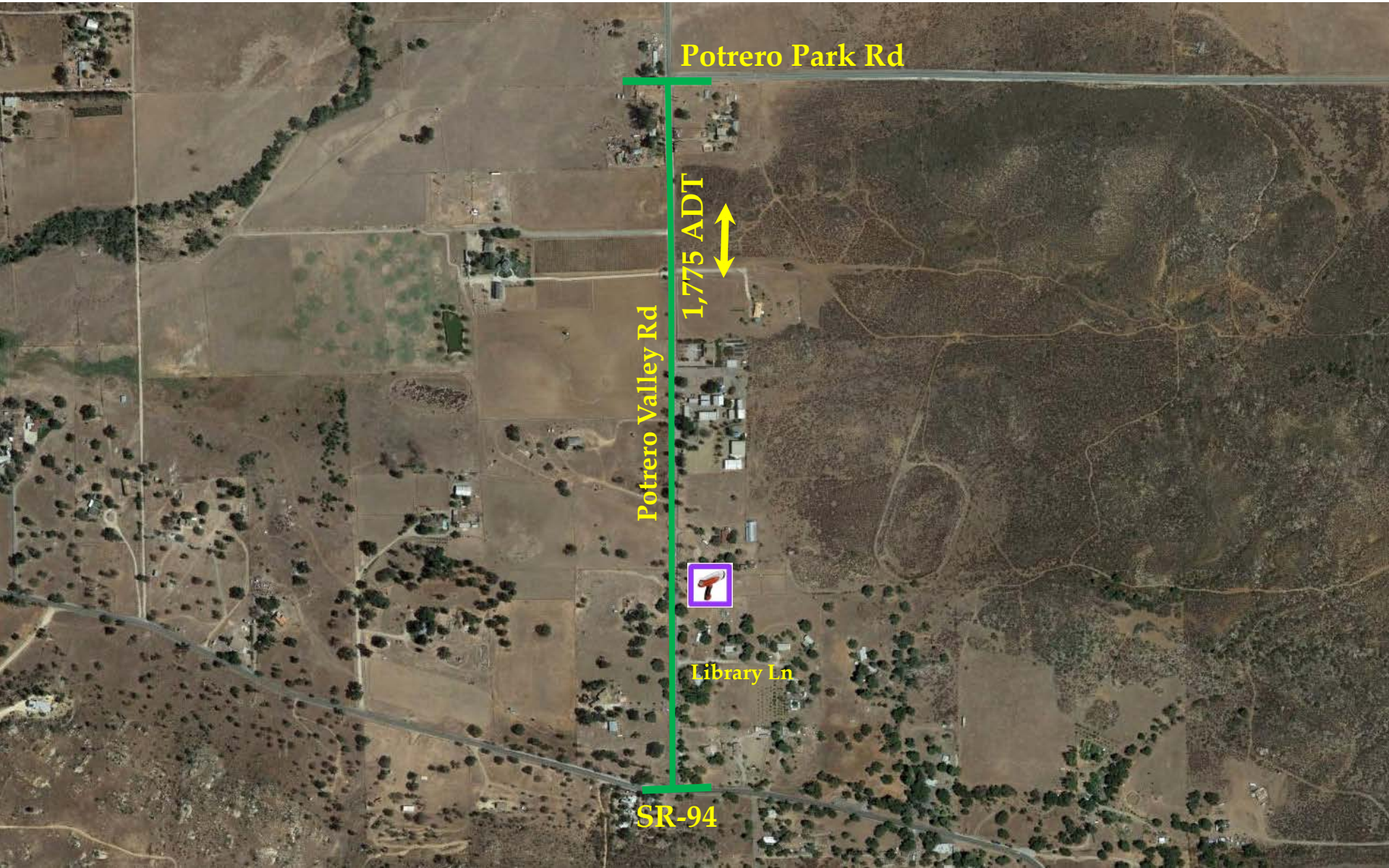
<u>Speed Data</u>		<u>85th Percentile</u>	<u>10 MPH Pace</u>	<u>% in Pace</u>
Potrero Valley Road				
600' N/o Library Ln	(2019)	37.9 MPH	27-36	63.0%
	(2012)	43.1 MPH	29-38	64.5%

Collision Data

There have been 1 reported collisions along this segment of roadway, 0 of which involved injury, in a 3 year period (02-01-16 to 01-31-19). These collisions result in a segment accident rate of 0.75 collisions per million vehicle miles. The statewide average is 0.99 collisions per million vehicle miles for similar rural flat conventional 2 lanes with speed limit less than or equal to 55 MPH.

2-A. Radar Recertification

Potrero Valley Rd from SR-94 to Potrero Park Rd (0.69 miles)



COUNTY OF SAN DIEGO
Engineering and Traffic Survey

Per California Vehicle Code 627

STREET	Potrero Valley Road	CERTIFICATION DATE	10/30/2019
FROM	State Route 94	TO	Potrero Park Road
SEGMENT LENGTH	0.69 miles	AREA	Potrero

Prevailing Speeds: Posted Speed: 40 MPH

Location	600' N/o Library Ln
Date of Survey	05/08/2019
85th Percentile	37.9 MPH
10 MPH Pace	27-36
Percent in Pace	63%

Collision Records:

Number of Years Studied	3 years (02/01/2016 – 01/31/2019)
Total Collisions	1
Statewide Average Collision Rate	0.99
Collisions per Million Vehicle Miles	0.75
Number of Collisions with Fatalities	0
Number of Collisions with Injuries	0

Highway, Traffic, And Roadside Conditions Not Readily Apparent to the Driver:

Average Daily Traffic	1,774 vpd	Date Counted	05/22/2019
Number of Lanes	2	Road Striping	Center, Edge Lines
Mobility Element	Minor Collector	Caltrans Urban/Rural	Rural
Road Classification		Classification	
Roadbed Width	28 feet	Travelled Lane Width	24 feet (12 foot lanes)
Road Curvature	Curvilinear	Available Shoulders	2-foot shoulders
Intersecting Roads	Minimal	Intersecting Driveways	Minimal
Pedestrian Pathways	None	Bike Lane/Route	None

CERTIFICATION:

I, Zoubir Ouadah, County Traffic Engineer for the County of San Diego and duly registered in the State of California as a Professional Traffic and Civil Engineer, have supervised data collection and studies for this Traffic & Engineering Survey made for the purpose of determining safe, reasonable, and appropriate speeds for motor vehicles upon this public highway and based on my studies and examination of this Engineering & Traffic Survey I am of the opinion that a speed limit of **35 MPH** is justified, safe and reasonable upon this segment of highway.


Zoubir A. Ouadah, CE 42742 & TE 1719



Date 07/22/2019

VOLUME

Potrero Valley Rd 300' N/O SR-94

Day: Wednesday
Date: 5/22/2019City: Mountain Empire
Project #: CA19_4218_019

DAILY TOTALS					NB	SB	EB					WB	Total
					920	854						0	0
AM Period	NB	SB	EB	WB	TOTAL	PM Period	NB	SB	EB	WB	TOTAL		
00:00	2	0			2	12:00	12	11			23		
00:15	2	0			2	12:15	18	13			31		
00:30	1	0			1	12:30	9	10			19		
00:45	2	7	0		2	12:45	10	49	19	53	29		
01:00	1	0			1	13:00	10	7			17		
01:15	1	0			1	13:15	10	12			22		
01:30	0	0			0	13:30	9	12			21		
01:45	0	2	1	1	1	13:45	9	38	17	48	26		
02:00	0	1			1	14:00	14	7			21		
02:15	0	1			1	14:15	13	11			24		
02:30	0	0			0	14:30	27	13			40		
02:45	0	2	4		2	14:45	26	80	14	45	40		
03:00	0	0			0	15:00	22	13			35		
03:15	0	0			0	15:15	27	22			49		
03:30	0	2			2	15:30	22	40			62		
03:45	0	6	8		6	15:45	21	92	23	98	44		
04:00	0	3			3	16:00	22	12			34		
04:15	0	4			4	16:15	18	6			24		
04:30	0	4			4	16:30	17	20			37		
04:45	2	2	16	27	18	16:45	15	72	10	48	25		
05:00	0	16			16	17:00	22	11			33		
05:15	2	10			12	17:15	17	11			28		
05:30	0	15			15	17:30	14	10			24		
05:45	2	4	13	54	15	17:45	24	77	9	41	33		
06:00	1	19			20	18:00	14	11			25		
06:15	4	10			14	18:15	8	11			19		
06:30	4	12			16	18:30	18	11			29		
06:45	15	24	10	51	25	18:45	19	59	11	44	30		
07:00	7	23			30	19:00	18	8			26		
07:15	11	17			28	19:15	13	8			21		
07:30	5	16			21	19:30	11	0			11		
07:45	18	41	18	74	36	19:45	14	56	4	20	18		
08:00	16	16			32	20:00	14	12			26		
08:15	8	13			21	20:15	24	2			26		
08:30	18	10			28	20:30	13	6			19		
08:45	13	55	3	42	16	20:45	18	69	5	25	23		
09:00	11	15			26	21:00	8	3			11		
09:15	9	16			25	21:15	5	3			8		
09:30	11	18			29	21:30	7	4			11		
09:45	27	58	17	66	44	21:45	8	28	0	10	8		
10:00	14	28			42	22:00	7	0			7		
10:15	9	14			23	22:15	5	2			7		
10:30	8	11			19	22:30	9	0			9		
10:45	6	37	12	65	18	22:45	8	29	1	3	9		
11:00	5	4			9	23:00	0	0			0		
11:15	12	6			18	23:15	4	1			5		
11:30	9	8			17	23:30	3	0			3		
11:45	6	32	8	26	14	23:45	2	9	0	1	2		
TOTALS	262	418			680	TOTALS	658	436			1094		
SPLIT %	38.5%	61.5%			38.3%	SPLIT %	60.1%	39.9%			61.7%		

DAILY TOTALS					NB	SB						EB	WB	Total
					920	854						0	0	1,774
AM Peak Hour	09:15	09:15			09:15	PM Peak Hour	14:30	15:00			15:00			
AM Pk Volume	61	79			140	PM Pk Volume	102	98			190			
Pk Hr Factor	0.565	0.705			0.795	Pk Hr Factor	0.944	0.613			0.766			
7 - 9 Volume	96	116	0	0	212	4 - 6 Volume	149	89	0	0	238			
7 - 9 Peak Hour	07:45	07:00			07:15	4 - 6 Peak Hour	17:00	16:30			16:30			
7 - 9 Pk Volume	60	74	0	0	117	4 - 6 Pk Volume	77	52	0	0	123			
Pk Hr Factor	0.833	0.804	0.000	0.000	0.813	Pk Hr Factor	0.802	0.650	0.000	0.000	0.831			

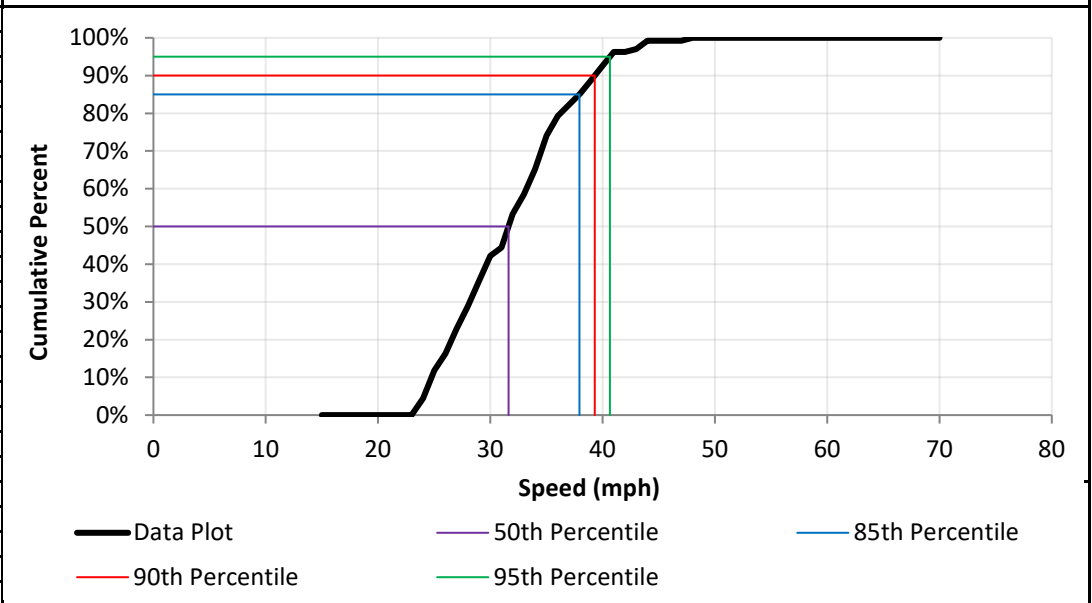
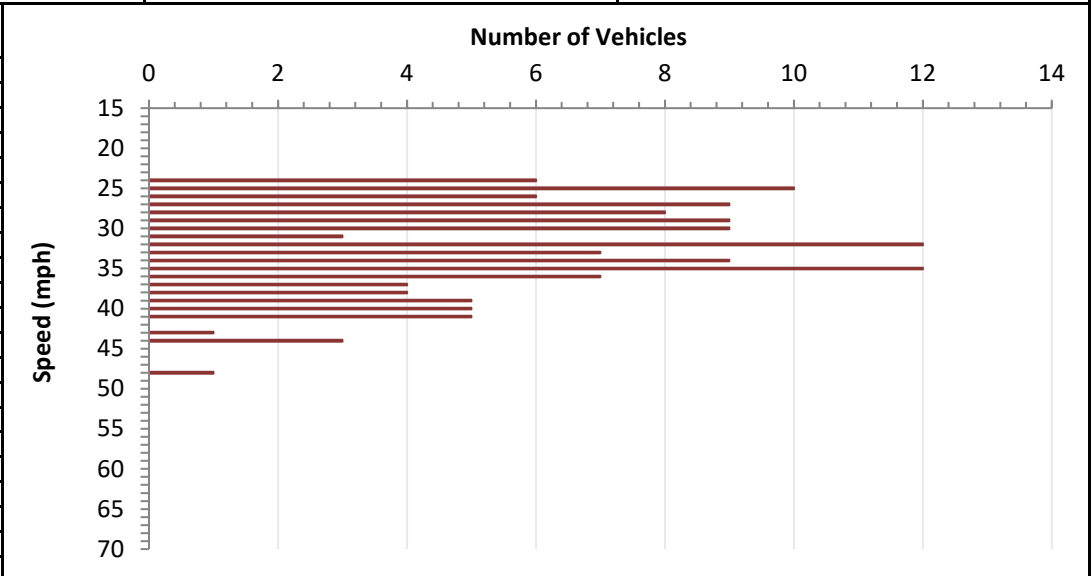


RADAR SPEED SURVEY

SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

Road Name:	Potrero Valley Rd	From:	SR-94	To:	Potrero Park Rd
Position:	600' N/o Library Ln	Direction:	NB/SB		
Date:	5/8/2019	Weather:	Clear	Project Number:	19-4219-001
Time Start:	9:00 AM	Road Condition:	Dry	Observer:	Contractor
Time End:	11:00 AM	Posted Speed:	40 MPH	Calibration Test:	Y

Speed (mph)	Num. Veh.	Cum. Pct.
15		
16		
17		
18		
19		
20		
21		
22		
23		
24	6	4.4%
25	10	11.9%
26	6	16.3%
27	9	23.0%
28	8	28.9%
29	9	35.6%
30	9	42.2%
31	3	44.4%
32	12	53.3%
33	7	58.5%
34	9	65.2%
35	12	74.1%
36	7	79.3%
37	4	82.2%
38	4	85.2%
39	5	88.9%
40	5	92.6%
41	5	96.3%
42		
43	1	97.0%
44	3	99.3%
45		
46		
47		
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	135	



DATA ANALYSIS			
Average Speed	32.3	Range	24 - 48
50th Percentile	31.6	10 mph Pace	27 - 36
85th Percentile	37.9	Number in Pace	85
90th Percentile	39.3	Percent in Pace	63%
95th Percentile	40.7		

SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE

COMMITTEE REPORT OF: July 26, 2019

Item 3-A

SUPERVISORIAL DISTRICT: 3

SUBJECT: Radar Recertification

LOCATION: Mary Lane from Escondido City Limits to Summit Drive
(a distance of 1.57 miles) ESCONDIDO (Thos. Bros.
1150-C2)

INITIATED BY: DPW Traffic Engineering

REQUEST: Radar Recertification

PROBLEM AS STATED BY REQUESTER:

Mary Lane from Escondido City Limits to Summit Drive is posted 45 MPH Radar Enforced. Preliminary review of prevailing speeds and roadway conditions could support radar recertification.

Existing Traffic Devices

Mary Lane is a striped two-lane roadway with a 20-24 foot travelled way on a 24-38 foot road bed. The roadway is striped with a yellow no passing centerline and white edgeline. The segment has multiple speed advisory curves. The road is classified as a Community Collector on the County General Plan Mobility Element Network. The road is posted 45 MPH/Radar Enforced.

Average Daily Traffic Volumes

	<u>05/19</u>	<u>02/12</u>
Mary Lane:		
N/o Anaheim Street	3,210	3,170

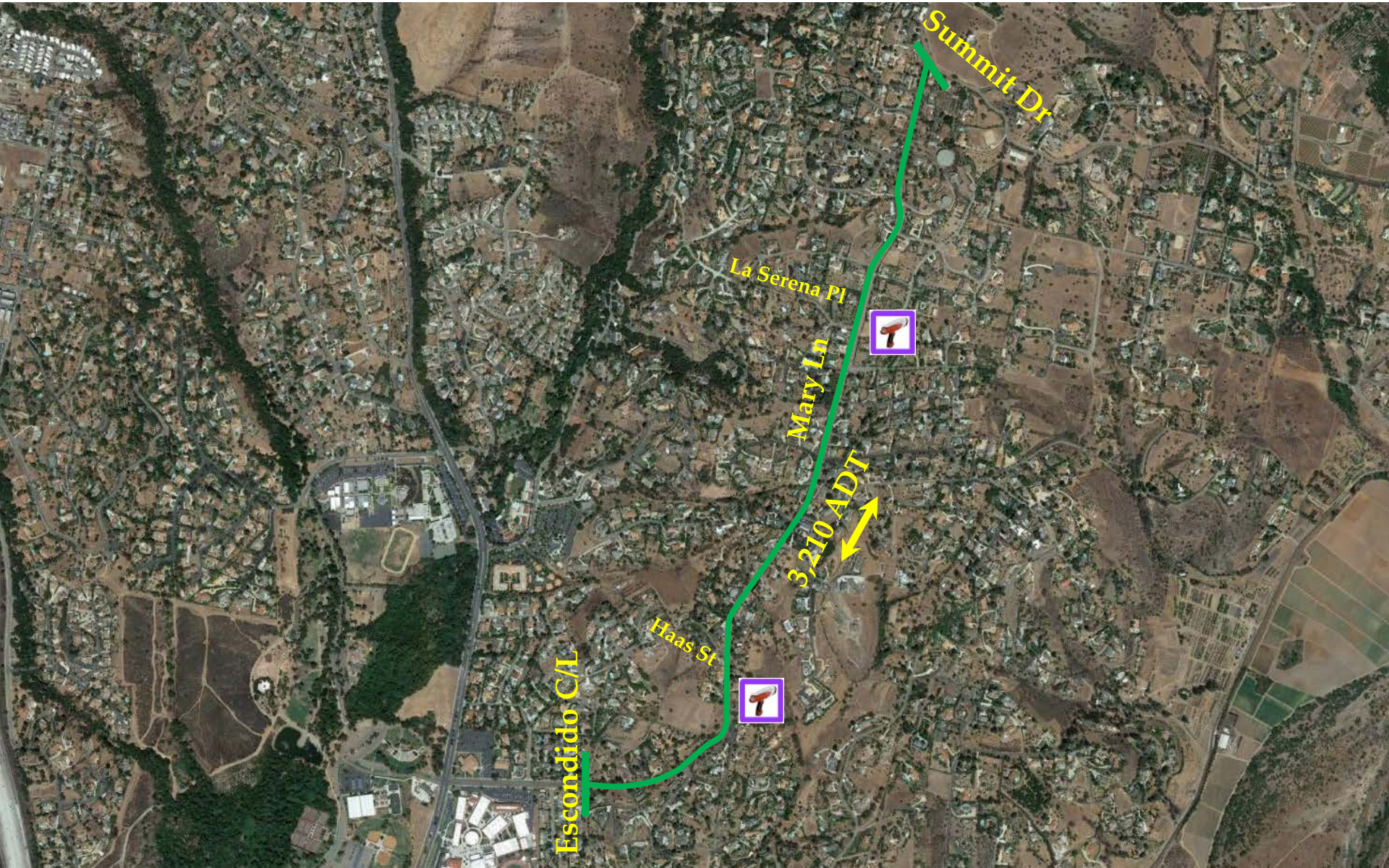
<u>Speed Data</u>		<u>85th Percentile</u>	<u>10 MPH Pace</u>	<u>% in Pace</u>
Mary Lane:				
150' S/o Haas Street	(2019)	43.3 MPH	34-43	68.0%
150' S/o La Serena Place	(2019)	48.6 MPH	41-50	62.0%
Speed Zone	(2019)	46.0 MPH	38-47	65.0%
160' N/o Puebla Street	(2012)	44.0 MPH	32-41	58.7%

Collision Data

There have been 10 reported collisions along this segment of roadway, 4 of which involved injury, in a 3 year period (02-01-16 to 01-31-19). These collisions result in a segment accident rate of 1.82 collisions per million vehicle miles. The statewide average is 1.19 collisions per million vehicle miles for similar suburban conventional 2 lanes with speed limit 45 to 55 MPH.

3-A. Radar Recertification

Mary Ln from Escondido C/L to Summit Dr (1.57 miles)



COUNTY OF SAN DIEGO
Engineering and Traffic Survey

Per California Vehicle Code 627

STREET	Mary Lane	CERTIFICATION DATE	10/30/2019
FROM	Escondido City Limits	TO	Summit Drive
SEGMENT LENGTH	1.57 miles	AREA	Escondido

Prevailing Speeds: Posted Speed: **45 MPH**

Location	150' S/o La Haas St	150' S/o La Serena Pl	Speed Zone
Date of Survey	05/14/2019	05/14/2019	05/14/2019
85 th Percentile	43.3 MPH	48.6 MPH	46.0 MPH
10 MPH Pace	34-43	41-50	38-47
Percent in Pace	68%	62%	65%

Collision Records:

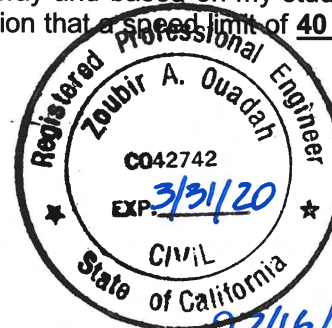
Number of Years Studied	3 years (02/01/2016 – 01/31/2019)
Total Collisions	10
Statewide Average Collision Rate	1.19
Collisions per Million Vehicle Miles	1.82
Number of Collisions with Fatalities	0
Number of Collisions with Injuries	4

Highway, Traffic, And Roadside Conditions Not Readily Apparent to the Driver:

Average Daily Traffic	3,209 vpd	Date Counted	05/09/2019
Number of Lanes	2	Road Striping	Center, Edge Lines,
Mobility Element		Caltrans Urban/Rural	Suburban
Road Classification	Collector	Classification	
Roadbed Width	24 to 38 feet	Travelled Lane Width	20 to 24 feet
Road Curvature	Curvilinear	Available Shoulders	2 to 7-foot shoulders
Intersecting Roads	Several	Intersecting Driveways	Several
Pedestrian Pathways	None	Bike Lane/Route	None

CERTIFICATION:

I, Zoubir Ouadah, County Traffic Engineer for the County of San Diego and duly registered in the State of California as a Professional Traffic and Civil Engineer, have supervised data collection and studies for this Traffic & Engineering Survey made for the purpose of determining safe, reasonable, and appropriate speeds for motor vehicles upon this public highway and based on my studies and examination of this Engineering & Traffic Survey I am of the opinion that a speed limit of **40 MPH** is justified, safe and reasonable upon this segment of highway.



Zoubir A. Ouadah
Zoubir A. Ouadah, CE 42742 & TE 1719

Date

10/16/2019

VOLUME

Mary Ln 250' N/O Anaheim St

Day: Thursday
Date: 5/9/2019City: Escondido
Project #: CA19_4218_011

DAILY TOTALS					NB	SB	EB					WB	Total
					1,450	1,759						0	0
AM Period	NB	SB	EB	WB	TOTAL	PM Period	NB	SB	EB	WB	TOTAL		
00:00	4	0			4	12:00	23	21			44		
00:15	0	1			1	12:15	14	19			33		
00:30	1	1			2	12:30	15	15			30		
00:45	2	7	2	4	4	12:45	20	72	18	73	38		
01:00	0	0			0	13:00	21	22			43		
01:15	4	0			4	13:15	17	32			49		
01:30	2	1			3	13:30	48	35			83		
01:45	1	7	1	2	2	13:45	68	154	23	112	91		
02:00	0	1			1	14:00	38	23			61		
02:15	0	1			1	14:15	26	17			43		
02:30	0	0			0	14:30	33	19			52		
02:45	0	0	2		0	14:45	35	132	26	85	61		
03:00	1	1			2	15:00	23	16			39		
03:15	0	0			0	15:15	42	10			52		
03:30	0	1			1	15:30	30	12			42		
03:45	0	1	0	2	0	15:45	27	122	17	55	44		
04:00	0	1			1	16:00	24	20			44		
04:15	2	4			6	16:15	29	21			50		
04:30	0	1			1	16:30	40	10			50		
04:45	0	2	4	10	4	16:45	35	128	17	68	52		
05:00	1	10			11	17:00	22	26			48		
05:15	2	9			11	17:15	33	20			53		
05:30	2	12			14	17:30	36	17			53		
05:45	2	7	8	39	10	17:45	27	118	29	92	56		
06:00	6	22			28	18:00	37	14			51		
06:15	4	24			28	18:15	22	13			35		
06:30	9	33			42	18:30	29	12			41		
06:45	5	24	66	145	71	18:45	28	116	13	52	41		
07:00	10	97			107	19:00	20	11			31		
07:15	37	123			160	19:15	26	7			33		
07:30	14	114			128	19:30	23	8			31		
07:45	18	79	98	432	116	19:45	25	94	12	38	37		
08:00	20	84			104	20:00	19	7			26		
08:15	24	66			90	20:15	20	5			25		
08:30	17	34			51	20:30	16	7			23		
08:45	17	78	24	208	41	20:45	11	66	9	28	20		
09:00	12	21			33	21:00	12	1			13		
09:15	12	27			39	21:15	10	8			18		
09:30	11	31			42	21:30	14	4			18		
09:45	13	48	27	106	40	21:45	6	42	3	16	9		
10:00	14	27			41	22:00	14	3			17		
10:15	9	27			36	22:15	8	5			13		
10:30	11	21			32	22:30	3	5			8		
10:45	12	46	23	98	35	22:45	5	30	2	15	7		
11:00	13	18			31	23:00	2	1			3		
11:15	12	21			33	23:15	3	1			4		
11:30	19	17			36	23:30	5	2			7		
11:45	21	65	17	73	38	23:45	2	12	0	4	2		
TOTALS	364	1121			1485	TOTALS	1086	638			1724		
SPLIT %	24.5%	75.5%			46.3%	SPLIT %	63.0%	37.0%			53.7%		

DAILY TOTALS					NB	SB					Total
					1,450	1,759					3,209
							EB	WB			
							0	0			
AM Peak Hour	07:15	07:00			07:00		PM Peak Hour	13:30	13:15		13:15
AM Pk Volume	89	432			511		PM Pk Volume	180	113		284
Pk Hr Factor	0.601	0.878			0.798		Pk Hr Factor	0.662	0.807		0.780
7 - 9 Volume	157	640	0	0	797		4 - 6 Volume	246	160	0	406
7 - 9 Peak Hour	07:15	07:00			07:00		4 - 6 Peak Hour	16:30	17:00		17:00
7 - 9 Pk Volume	89	432	0	0	511		4 - 6 Pk Volume	130	92	0	210
Pk Hr Factor	0.601	0.878	0.000	0.000	0.798		Pk Hr Factor	0.813	0.793	0.000	0.938



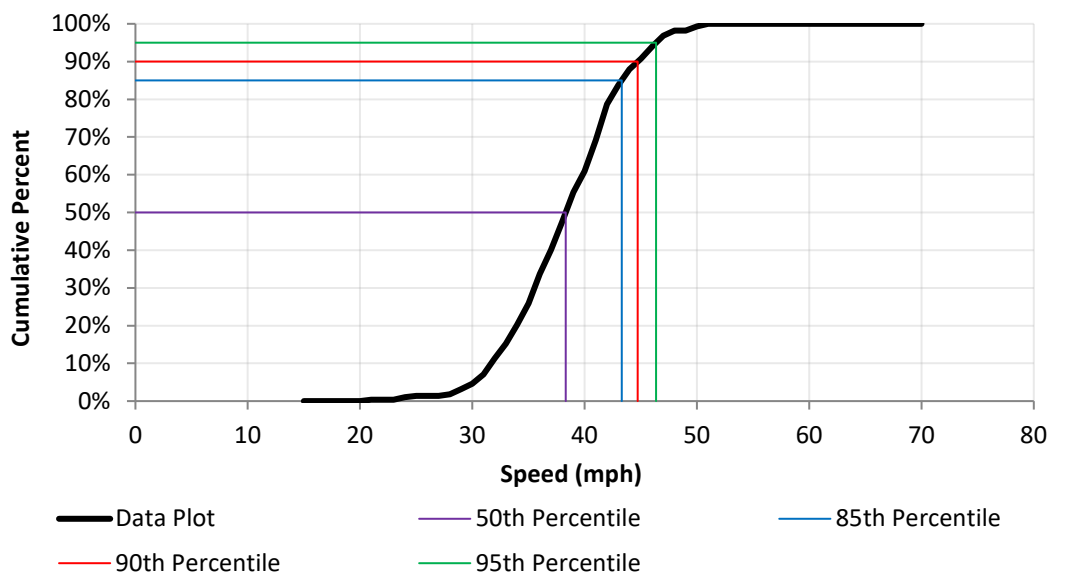
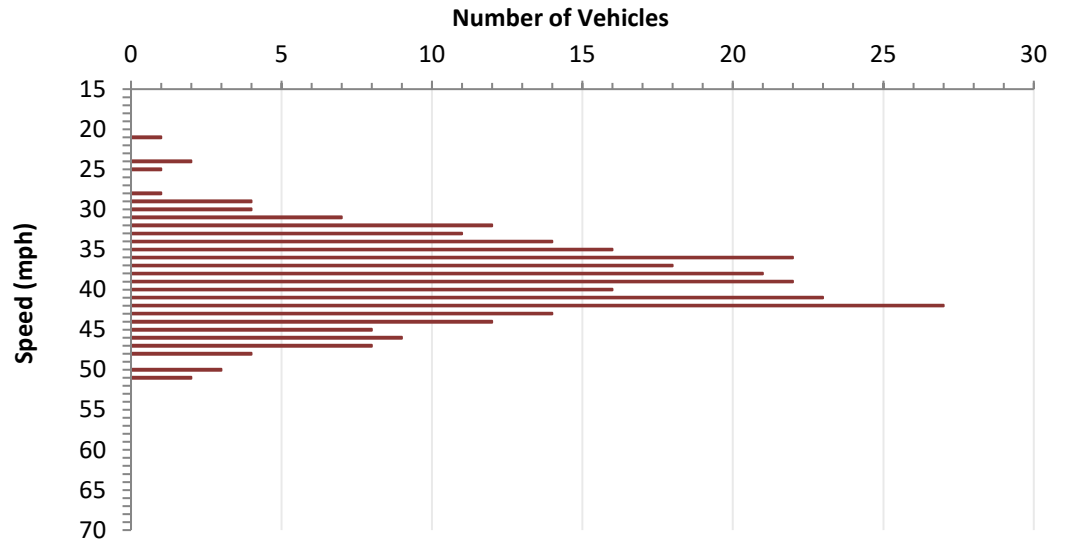
RADAR SPEED SURVEY

SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

Road Name:	Mary Ln	From:	Summit Dr	To:	Escondido City Limit
Position:	Mary Ln 150' S/O La Haas St			Direction:	NB/SB

Date:	5/14/2019	Weather:	Clear	Project Number:	19-4219-016
Time Start:	9:00 AM	Road Condition:	Dry	Observer:	Contractor
Time End:	11:00 AM	Posted Speed:	45 MPH	Calibration Test:	Y

Speed (mph)	Num. Veh.	Cum. Pct.
15		
16		
17		
18		
19		
20		
21	1	0.4%
22		
23		
24	2	1.1%
25	1	1.4%
26		
27		
28	1	1.8%
29	4	3.2%
30	4	4.6%
31	7	7.1%
32	12	11.3%
33	11	15.2%
34	14	20.2%
35	16	25.9%
36	22	33.7%
37	18	40.1%
38	21	47.5%
39	22	55.3%
40	16	61.0%
41	23	69.1%
42	27	78.7%
43	14	83.7%
44	12	87.9%
45	8	90.8%
46	9	94.0%
47	8	96.8%
48	4	98.2%
49		
50	3	99.3%
51	2	100.0%
52		
53		
54		
55		
56		
57		
58		
59		
60		
61		
62		
63		
64		
65		
66		
67		
68		
69		
70		
Total	282	



DATA ANALYSIS

Average Speed	38.7	Range	21 - 51
50th Percentile	38.3	10 mph Pace	34 - 43
85th Percentile	43.3	Number in Pace	193
90th Percentile	44.7	Percent in Pace	68%
95th Percentile	46.4		

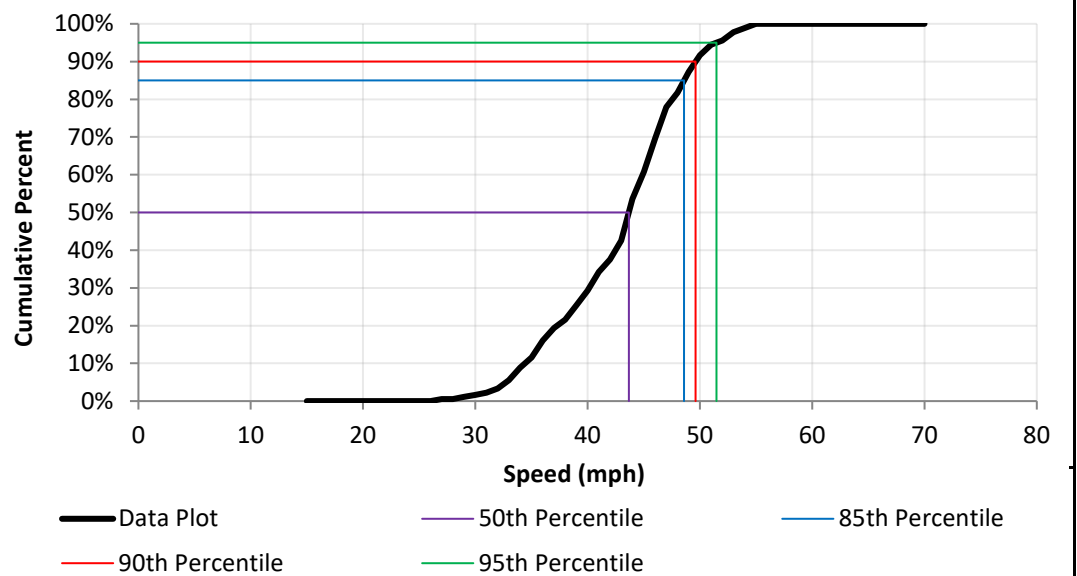
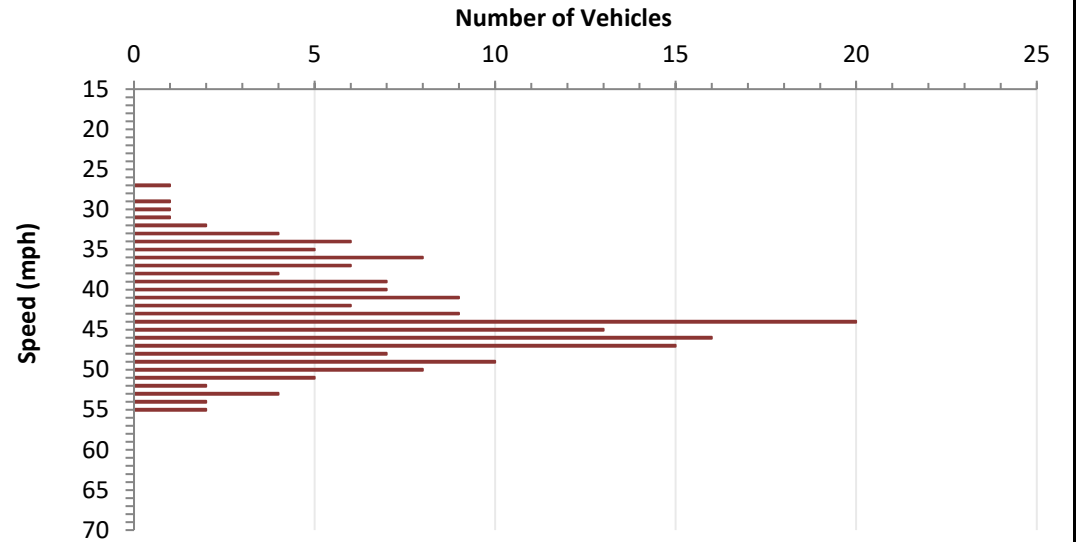


RADAR SPEED SURVEY

SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

Road Name:	Mary Ln	From:	Summit Dr	To:	Escondido City Limit
Position:	Mary Ln 150' S/O La Serena Pl			Direction:	EB/WB
Date:	5/14/2019	Weather:	Clear	Project Number:	19-4219-017
Time Start:	11:10 AM	Road Condition:	Dry	Observer:	Contractor
Time End:	1:10 PM	Posted Speed:	45 MPH	Calibration Test:	Y

Speed (mph)	Num. Veh.	Cum. Pct.
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		
26		
27	1	0.6%
28		
29	1	1.1%
30	1	1.7%
31	1	2.2%
32	2	3.3%
33	4	5.5%
34	6	8.8%
35	5	11.6%
36	8	16.0%
37	6	19.3%
38	4	21.5%
39	7	25.4%
40	7	29.3%
41	9	34.3%
42	6	37.6%
43	9	42.5%
44	20	53.6%
45	13	60.8%
46	16	69.6%
47	15	77.9%
48	7	81.8%
49	10	87.3%
50	8	91.7%
51	5	94.5%
52	2	95.6%
53	4	97.8%
54	2	98.9%
55	2	100.0%
56		
57		
58		
59		
60		
61		
62		
63		
64		
65		
66		
67		
68		
69		
70		
Total	181	



DATA ANALYSIS

Average Speed	43.3	Range	27 - 55
50th Percentile	43.7	10 mph Pace	41 - 50
85th Percentile	48.6	Number in Pace	113
90th Percentile	49.6	Percent in Pace	62%
95th Percentile	51.5		

SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE

COMMITTEE REPORT OF: July 26, 2019

Item 5-A

SUPERVISORIAL DISTRICT: 5

SUBJECT: Radar Recertification

LOCATION: Winter Haven Road from Mission Road to Brooke Road (a distance of 0.70 miles) FALLBROOK (Thos. Bros. 1027-G7)

INITIATED BY: DPW Traffic Engineering

REQUEST: Radar Recertification

PROBLEM AS STATED BY REQUESTER:

Winter Haven Road from Mission Road to Brooke Road is posted 45 MPH Radar Enforced. Preliminary review of prevailing speeds and roadway conditions could support radar recertification.

Existing Traffic Devices

Winter Haven Road is a striped two-lane roadway with a 20-24 foot travelled way on a 24-48 foot road bed. The roadway is striped with a yellow no passing centerline and white edge line. The road is unclassified on the County General Plan Mobility Element Network. The road is posted 45 MPH/Radar Enforced.

Average Daily Traffic Volumes

Winter Haven Road:

E/o Mission Road

05/19

5,715

02/12

5,200

Speed Data

Winter Haven Road:

150' W/o Clearcrest Lane (2019)
(2012)

**85th
Percentile**

44.5 MPH
47.0 MPH

**10 MPH
Pace**

37-46
35-44

**% in
Pace**

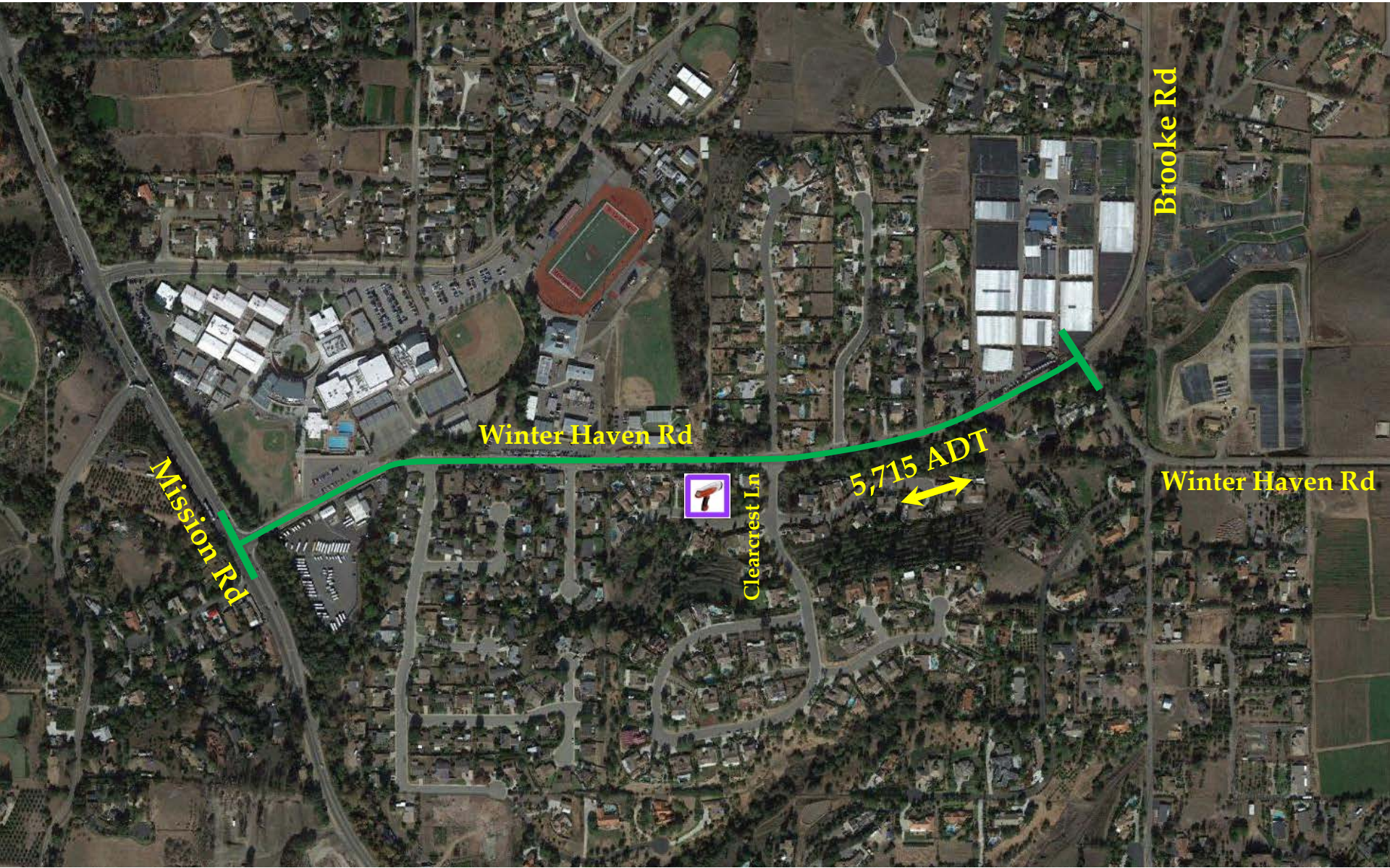
59.0%
62.9%

Collision Data

There have been 6 reported collisions along this segment of roadway, 3 of which involved injury, in a 3 year period (02-01-16 to 01-31-19). These collisions result in a segment accident rate of 1.41 collisions per million vehicle miles. The statewide average is 1.19 collisions per million vehicle miles for similar suburban conventional 2 lanes with speed limit less than 45 MPH.

5-A. Radar Recertification

Winter Haven Rd from Mission Rd to Brooke Rd (0.70 miles)



COUNTY OF SAN DIEGO
Engineering and Traffic Survey

Per California Vehicle Code 627

STREET	Winter Haven Road	CERTIFICATION DATE	10/30/2019
FROM	Mission Road	TO	Brooke Road
SEGMENT LENGTH	0.70 miles	AREA	Fallbrook

Prevailing Speeds: Posted Speed: **45 MPH**

Location	150' W/o Clearcrest Ln
Date of Survey	05/09/2019
85th Percentile	44.5 MPH
10 MPH Pace	37-46
Percent in Pace	59%

Collision Records:

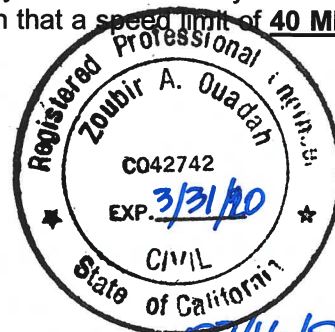
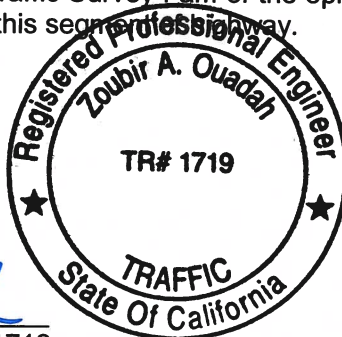
Number of Years Studied	3 years (02/01/2016 – 01/31/2019)
Total Collisions	6
Statewide Average Collision Rate	1.19
Collisions per Million Vehicle Miles	1.41
Number of Collisions with Fatalities	0
Number of Collisions with Injuries	3

Highway, Traffic, And Roadside Conditions Not Readily Apparent to the Driver:

Average Daily Traffic	5,715 vpd	Date Counted	05/15/2019
Number of Lanes	2	Road Striping	Center, Edge Lines
Mobility Element	None	Caltrans Urban/Rural	Suburban
Road Classification		Classification	
Roadbed Width	24-48 feet	Travelled Lane Width	20 to 24 feet
Road Curvature	Curvilinear	Available Shoulders	3 to 12-foot shoulders
Intersecting Roads	Several	Intersecting Driveways	Minimal
Pedestrian Pathways	None	Bike Lane/Route	None

CERTIFICATION:

I, Zoubir Ouadah, County Traffic Engineer for the County of San Diego and duly registered in the State of California as a Professional Traffic and Civil Engineer, have supervised data collection and studies for this Traffic & Engineering Survey made for the purpose of determining safe, reasonable, and appropriate speeds for motor vehicles upon this public highway and based on my studies and examination of this Engineering & Traffic Survey I am of the opinion that a speed limit of **40 MPH** is justified, safe and reasonable upon this segment of highway.



Zoubir Ouadah
Zoubir A. Ouadah, CE 42742 & TE 1719

07/16/2019
Date

VOLUME

Winter Haven Rd 700' E/O Mission Rd

Day: Wednesday
Date: 5/15/2019City: Fallbrook
Project #: CA19_4218_026

DAILY TOTALS					NB	SB						EB	WB	Total	
					0	0						2,898	2,817	5,715	
AM Period	NB	SB	EB	WB	TOTAL		PM Period	NB	SB	EB	WB	TOTAL			
00:00			1	1	2		12:00			33	43	76			
00:15			1	1	2		12:15			45	41	86			
00:30			0	0	0		12:30			35	34	69			
00:45			1	3	1	3	12:45			46	159	60	178	106	337
01:00			2	1	3		13:00			72	43	115			
01:15			2	1	3		13:15			23	45	68			
01:30			0	4	4		13:30			45	36	81			
01:45			1	5	0	6	13:45			38	178	44	168	82	346
02:00			0	0	0		14:00			47	40	87			
02:15			2	1	3		14:15			40	35	75			
02:30			0	0	0		14:30			46	55	101			
02:45			1	3	1	2	14:45			81	214	112	242	193	456
03:00			0	1	1		15:00			75	74	149			
03:15			0	1	1		15:15			71	50	121			
03:30			3	4	7		15:30			54	45	99			
03:45			1	4	6	12	15:45			74	274	39	208	113	482
04:00			3	7	10		16:00			52	48	100			
04:15			0	4	4		16:15			69	35	104			
04:30			0	10	10		16:30			70	54	124			
04:45			2	5	18	39	16:45			76	267	39	176	115	443
05:00			4	21	25		17:00			59	69	128			
05:15			2	29	31		17:15			70	50	120			
05:30			8	29	37		17:30			64	34	98			
05:45			12	26	44	123	17:45			71	264	22	175	93	439
06:00			12	56	68		18:00			53	29	82			
06:15			16	54	70		18:15			52	30	82			
06:30			38	49	87		18:30			45	28	73			
06:45			65	131	57	216	18:45			37	187	20	107	57	294
07:00			63	71	134		19:00			34	14	48			
07:15			96	101	197		19:15			36	13	49			
07:30			70	106	176		19:30			39	18	57			
07:45			49	278	54	332	19:45			25	134	17	62	42	196
08:00			47	65	112		20:00			31	12	43			
08:15			35	63	98		20:15			32	10	42			
08:30			34	58	92		20:30			23	6	29			
08:45			50	166	54	240	20:45			25	111	11	39	36	150
09:00			27	43	70		21:00			18	13	31			
09:15			35	41	76		21:15			20	10	30			
09:30			26	47	73		21:30			23	7	30			
09:45			23	111	39	170	21:45			16	77	4	34	20	111
10:00			37	36	73		22:00			11	3	14			
10:15			26	25	51		22:15			5	7	12			
10:30			36	33	69		22:30			7	1	8			
10:45			27	126	23	117	22:45			10	33	3	14	13	47
11:00			24	26	50		23:00			6	4	10			
11:15			35	34	69		23:15			0	3	3			
11:30			34	47	81		23:30			4	2	6			
11:45			37	130	37	144	23:45			2	12	1	10	3	22
TOTALS			988	1404	2392		TOTALS			1910	1413	3323			
SPLIT %			41.3%	58.7%	41.9%		SPLIT %			57.5%	42.5%	58.1%			

DAILY TOTALS					NB	SB						EB	WB	Total	
					0	0						2,898	2,817	5,715	
AM Peak Hour			06:45	06:45	06:45		PM Peak Hour			14:45	14:30	14:30			
AM Pk Volume			294	335	629		PM Pk Volume			281	291	564			
Pk Hr Factor			0.766	0.790	0.798		Pk Hr Factor			0.867	0.650	0.731			
7 - 9 Volume	0	0	444	572	1016		4 - 6 Volume	0	0	531	351	882			
7 - 9 Peak Hour			07:00	07:00	07:00		4 - 6 Peak Hour			16:30	16:30	16:30			
7 - 9 Pk Volume	0	0	278	332	610		4 - 6 Pk Volume	0	0	275	212	487			
Pk Hr Factor	0.000	0.000	0.724	0.783	0.774		Pk Hr Factor	0.000	0.000	0.905	0.768	0.951			



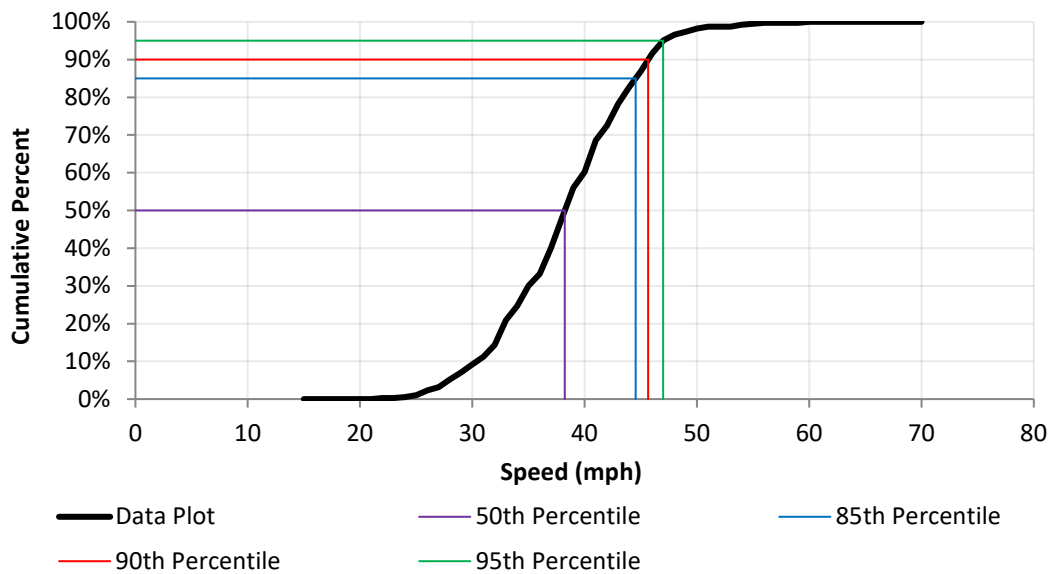
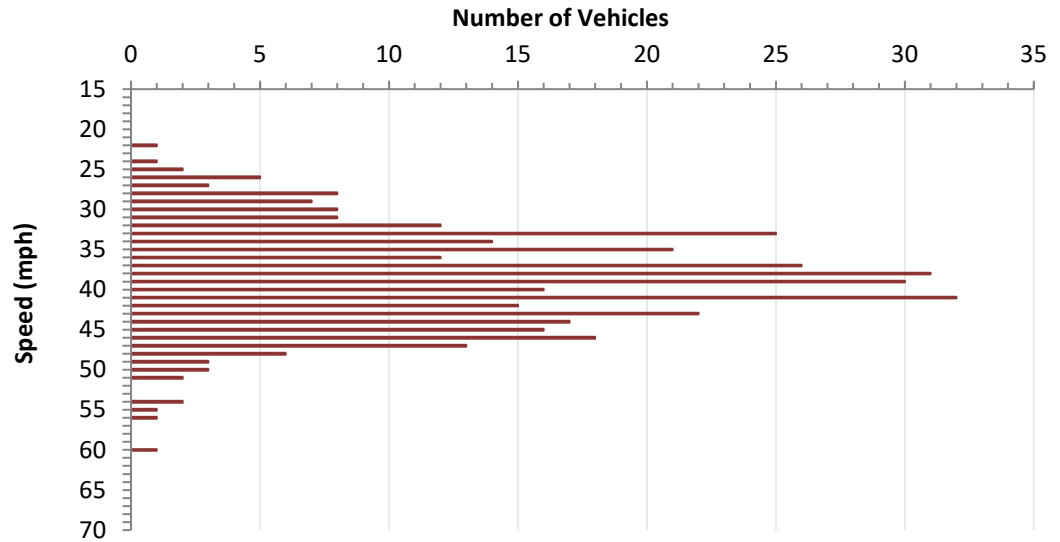
RADAR SPEED SURVEY

SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

Road Name:	Winter Haven Road	From:	Mission Road	To:	Brooke Road
Position:	150' W/o Clearcrest Lane	Direction:	EB/WB		

Date:	5/9/2019	Weather:	Clear	Project Number:	19-4219-028
Time Start:	12:00 PM	Road Condition:	Dry	Observer:	Contractor
Time End:	2:00 PM	Posted Speed:	45 MPH	Calibration Test:	Y

Speed (mph)	Num. Veh.	Cum. Pct.
15		
16		
17		
18		
19		
20		
21		
22	1	0.3%
23		
24	1	0.5%
25	2	1.0%
26	5	2.4%
27	3	3.1%
28	8	5.2%
29	7	7.1%
30	8	9.2%
31	8	11.3%
32	12	14.4%
33	25	20.9%
34	14	24.6%
35	21	30.1%
36	12	33.2%
37	26	40.1%
38	31	48.2%
39	30	56.0%
40	16	60.2%
41	32	68.6%
42	15	72.5%
43	22	78.3%
44	17	82.7%
45	16	86.9%
46	18	91.6%
47	13	95.0%
48	6	96.6%
49	3	97.4%
50	3	98.2%
51	2	98.7%
52		
53		
54	2	99.2%
55	1	99.5%
56	1	99.7%
57		
58		
59		
60	1	100.0%
61		
62		
63		
64		
65		
66		
67		
68		
69		
70		
Total	382	



DATA ANALYSIS

Average Speed	38.7	Range	22 - 60
50th Percentile	38.2	10 mph Pace	37 - 46
85th Percentile	44.5	Number in Pace	223
90th Percentile	45.7	Percent in Pace	58%
95th Percentile	47.0		