

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

August 26, 2019

TO: Community Planning/Sponsor Group Chairpersons

FROM: Secretary, Traffic Advisory Committee

MEETING NOTICE

Attached is the preliminary agenda for the September 13, 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

September 13, 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 5</u>				
5-A.	RADAR RECERTIFICATION	OLIVE HILL ROAD	FALLBROOK	FALLBROOK
5-B.	RADAR RECERTIFICATION	OLIVE HILL ROAD	FALLBROOK	FALLBROOK
5-C.	RADAR RECERTIFICATION	OLIVE HILL ROAD	FALLBROOK	FALLBROOK
5-D.	RADAR RECERTIFICATION	RECHE ROAD	FALLBROOK	FALLBROOK
5-E.	RADAR RECERTIFICATION	RECHE ROAD	FALLBROOK	FALLBROOK
5-F.	RADAR RECERTIFICATION	RECHE ROAD	FALLBROOK	FALLBROOK

SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE

COMMITTEE REPORT OF: September 13, 2019

Item 5-A

SUPERVISORIAL DISTRICT: 5

SUBJECT: Radar Recertification

LOCATION: Olive Hill Road from Mission Road to Mile Post 4.0 (at White Horse Lane) (a distance of 1.38 miles)
FALLBROOK (Thos. Bros. 1027-G7)

INITIATED BY: DPW Traffic Engineering

REQUEST: Radar Recertification

PROBLEM AS STATED BY REQUESTER:

Olive Hill Road from Mission Road to Mile Post 4.0 (at White Horse Lane) is posted 40 MPH Radar Enforced. Preliminary review of prevailing speeds and roadway conditions could support radar recertification.

Existing Traffic Devices

Olive Hill Road is a striped two-lane roadway with a 24 foot travelled way on a 26 foot road bed. It is striped with a no passing centerline and white edgeline. There are multiple speed advisory curves and intersection advisory signs along the roadway. Olive Hill Road is an established Through Highway is classified as a Light Collector on the County General Plan Mobility Element Network. The roadway is posted 40 MPH/Radar Enforced.

<u>Average Daily Traffic Volumes</u>	<u>05/19</u>	<u>07/12</u>
Olive Hill Road:		
N/o Mackey Drive	4,265	7,440*

*Estimate

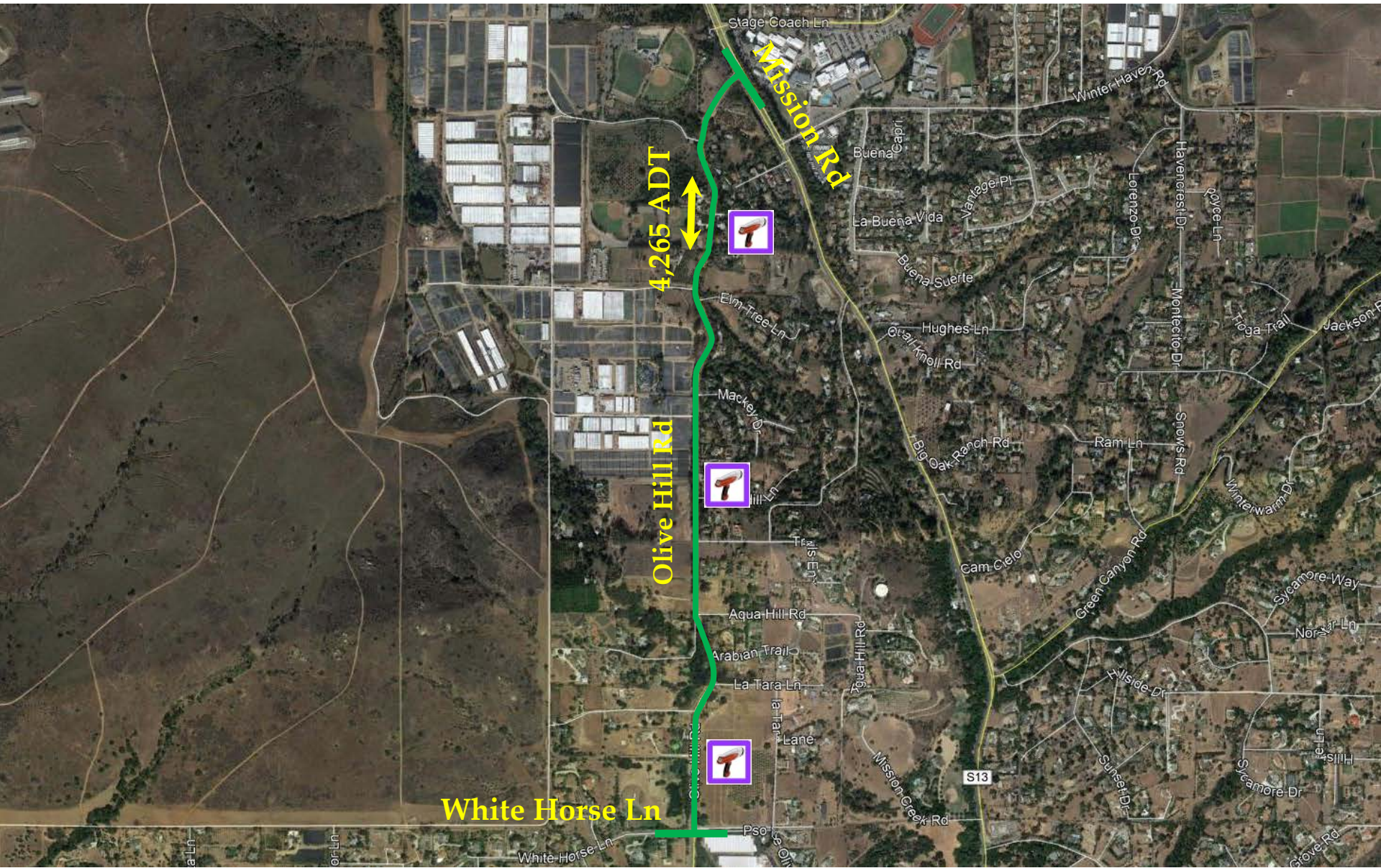
<u>Speed Data</u>		<u>85th Percentile</u>	<u>10 MPH Pace</u>	<u>% in Pace</u>
Olive Hill Road				
650' N/o Elm Tree Lane	(2019)	36.2 MPH	28-37	85.0%
850' S/o Mackey Drive	(2019)	45.9 MPH	36-45	71.0%
	(2012)	48.8 MPH	39-48	75.2%
500' N/o Harmony Hill	(2019)	45.5 MPH	36-45	66.0%
Speed Zone	(2019)	42.5 MPH	33-42	74.0%

Collision Data

There have been 16 reported collisions along this segment of roadway, 4 of which involved injury, 1 of which involved death, in a 3 year period (04-01-16 to 03-31-19). These collisions result in a segment accident rate of 1.80 collisions per million vehicle miles. The statewide average is 2.49 collisions per million vehicle miles for similar suburban conventional 2 lanes or less with speed limit less than 45.

5-A. Radar Recertification

Olive Hill Rd from Mission Rd to Mile Post 4.0 (1.38 miles)



VOLUME

Olive Hill Rd 100' N/O Mackey Dr

Day: Wednesday
Date: 5/15/2019

City: Bonsall
Project #: CA19_4218_013

DAILY TOTALS					NB	SB	EB					WB	Total
					2,211	2,054						0	0
AM Period	NB	SB	EB	WB	TOTAL	PM Period	NB	SB	EB	WB	TOTAL		
00:00	2	2			4	12:00	35	39			74		
00:15	1	0			1	12:15	22	24			46		
00:30	0	0			0	12:30	30	28			58		
00:45	0	3	2	4	2	12:45	32	119	21	112	53		
01:00	1	1			2	13:00	30	24			54		
01:15	0	0			0	13:15	37	30			67		
01:30	0	0			0	13:30	38	33			71		
01:45	1	2	0	1	1	13:45	36	141	42	129	78		
02:00	0	0			0	14:00	28	40			68		
02:15	1	0			1	14:15	29	25			54		
02:30	1	0			1	14:30	47	22			69		
02:45	0	2	0		0	14:45	53	157	37	124	90		
03:00	1	0			1	15:00	61	49			110		
03:15	1	0			1	15:15	44	39			83		
03:30	0	1			1	15:30	56	42			98		
03:45	0	2	0	1	0	15:45	57	218	32	162	89		
04:00	0	0			0	16:00	66	29			95		
04:15	1	1			2	16:15	71	32			103		
04:30	2	0			2	16:30	71	42			113		
04:45	4	7	2	3	6	16:45	50	258	29	132	79		
05:00	3	1			4	17:00	58	38			96		
05:15	5	7			12	17:15	70	39			109		
05:30	8	4			12	17:30	56	40			96		
05:45	13	29	8	20	21	17:45	49	233	35	152	84		
06:00	8	15			23	18:00	31	31			62		
06:15	15	27			42	18:15	28	25			53		
06:30	18	63			81	18:30	39	36			75		
06:45	26	67	101	206	127	18:45	36	134	21	113	57		
07:00	29	44			73	19:00	25	22			47		
07:15	41	56			97	19:15	20	33			53		
07:30	48	54			102	19:30	14	17			31		
07:45	36	154	42	196	78	19:45	17	76	17	89	34		
08:00	31	35			66	20:00	12	16			28		
08:15	44	32			76	20:15	11	21			32		
08:30	32	30			62	20:30	11	11			22		
08:45	43	150	30	127	73	20:45	14	48	12	60	26		
09:00	21	21			42	21:00	15	14			29		
09:15	22	31			53	21:15	5	20			25		
09:30	35	24			59	21:30	8	21			29		
09:45	38	116	25	101	63	21:45	4	32	8	63	12		
10:00	27	29			56	22:00	3	5			8		
10:15	35	28			63	22:15	1	7			8		
10:30	22	29			51	22:30	3	5			8		
10:45	30	114	30	116	60	22:45	3	10	5	22	8		
11:00	30	16			46	23:00	4	2			6		
11:15	33	35			68	23:15	0	0			0		
11:30	38	29			67	23:30	3	3			6		
11:45	29	130	36	116	65	23:45	2	9	0	5	2		
TOTALS	776	891			1667	TOTALS	1435	1163			2598		
SPLIT %	46.6%	53.4%			39.1%	SPLIT %	55.2%	44.8%			60.9%		

DAILY TOTALS			NB	SB	EB			WB	Total		
			2,211	2,054				0			
AM Peak Hour	07:30	06:30			06:45	PM Peak Hour	15:45	14:45			
AM Pk Volume	159	264			399	PM Pk Volume	265	167			400
Pk Hr Factor	0.828	0.653			0.785	Pk Hr Factor	0.933	0.852			0.885
7 - 9 Volume	304	323	0	0	627	4 - 6 Volume	491	284	0	0	775
7 - 9 Peak Hour	07:30	07:00			07:00	4 - 6 Peak Hour	16:00	17:00			16:30
7 - 9 Pk Volume	159	196	0	0	350	4 - 6 Pk Volume	258	152	0	0	397
Pk Hr Factor	0.828	0.875	0.000	0.000	0.858	Pk Hr Factor	0.908	0.950	0.000	0.000	0.878



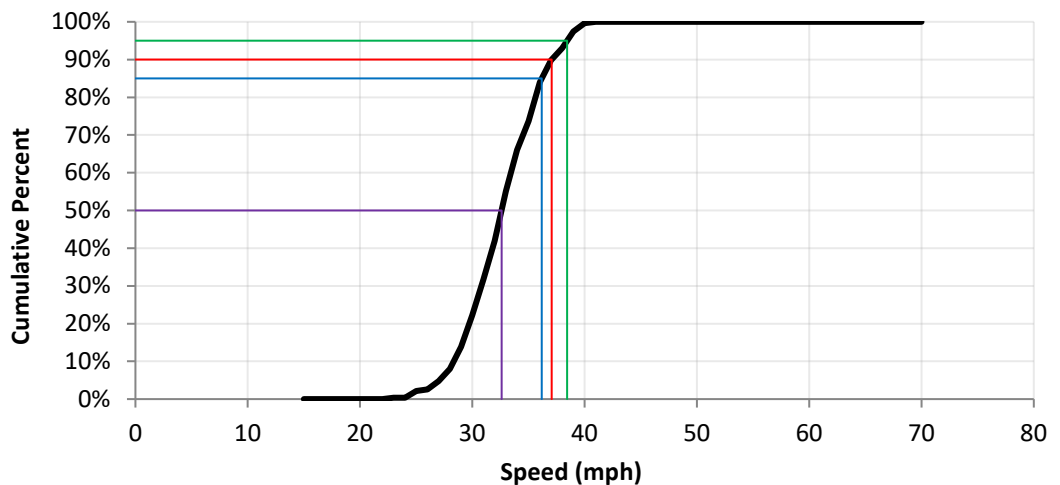
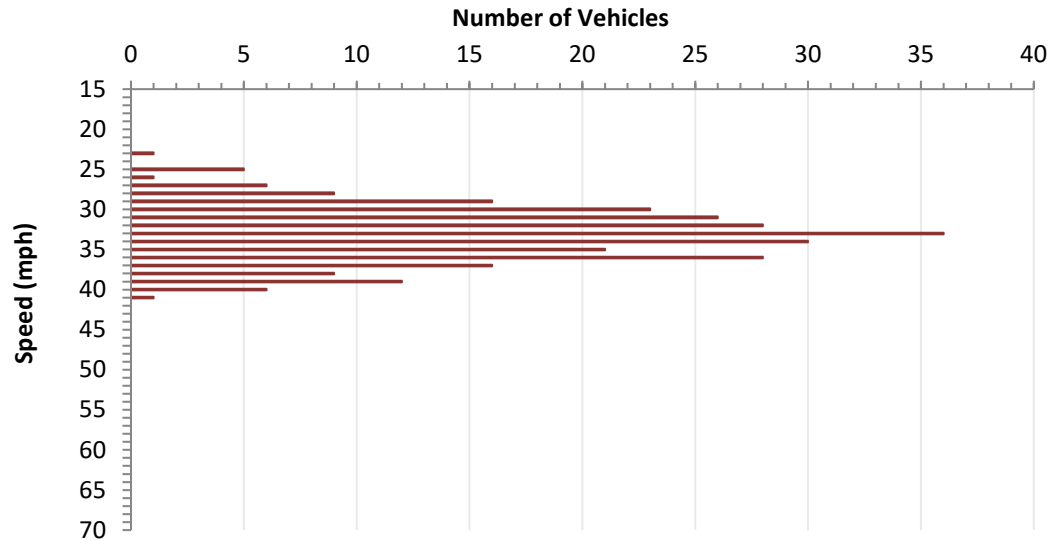
RADAR SPEED SURVEY

SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

Road Name:	Olive Hill Road	From:	Mission Rd	To:	White Horse Ln
Position:	650' N/O Elm Tree Ln	Direction:	NB/SB		

Date:	5/15/2019	Weather:	Clear	Project Number:	19-4219-021
Time Start:	9:40 AM	Road Condition:	Dry	Observer:	Contractor
Time End:	11:40 AM	Posted Speed:	40 MPH	Calibration Test:	Y

Speed (mph)	Num. Veh.	Cum. Pct.
15		
16		
17		
18		
19		
20		
21		
22		
23	1	0.4%
24		
25	5	2.2%
26	1	2.6%
27	6	4.7%
28	9	8.0%
29	16	13.9%
30	23	22.3%
31	26	31.8%
32	28	42.0%
33	36	55.1%
34	30	66.1%
35	21	73.7%
36	28	83.9%
37	16	89.8%
38	9	93.1%
39	12	97.4%
40	6	99.6%
41	1	100.0%



— Data Plot
 — 50th Percentile
 — 85th Percentile
— 90th Percentile
 — 95th Percentile

DATA ANALYSIS

62	Average Speed	33.1	Range	23 - 41
63	50th Percentile	32.6	10 mph Pace	28 - 37
64	85th Percentile	36.2	Number in Pace	233
65	90th Percentile	37.1	Percent in Pace	85%
66	95th Percentile	38.4		
70	Total	274		

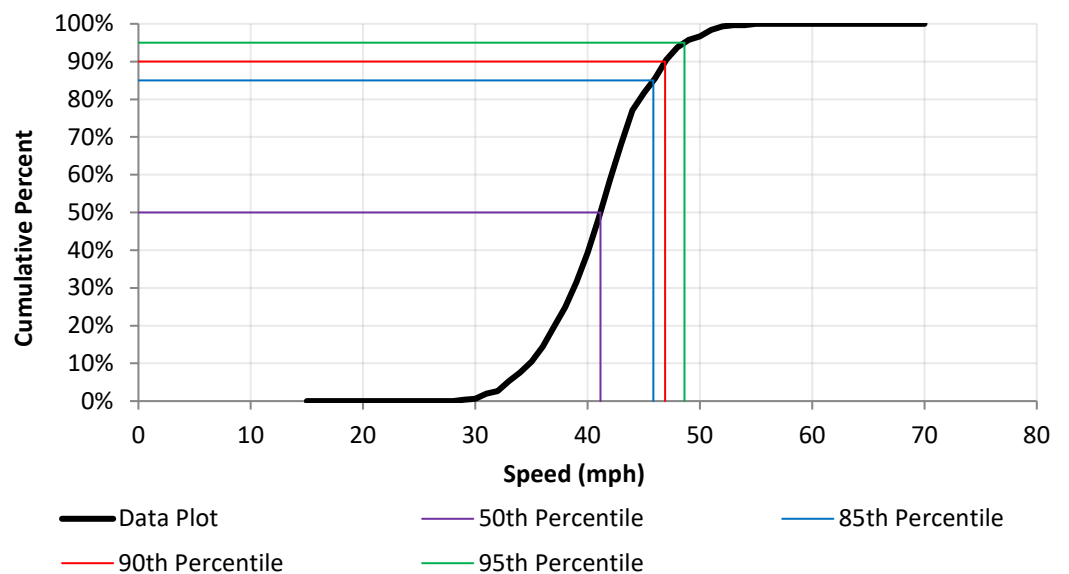
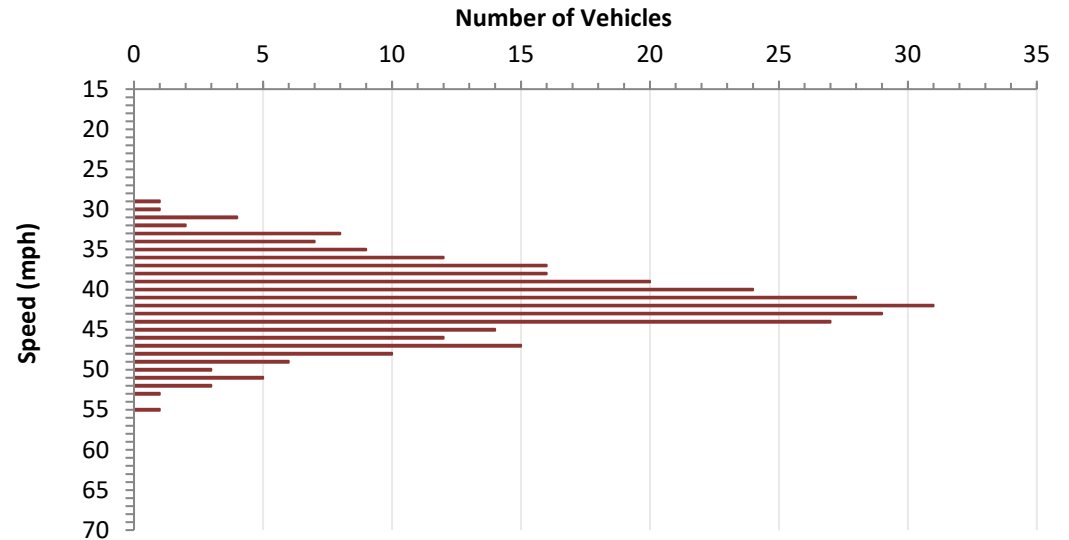


RADAR SPEED SURVEY

SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

Road Name:	Olive Hill Road	From:	Mission Rd	To:	White Horse Ln
Position:	850' S/O Mackey Dr	Direction:	NB/SB		
Date:	5/15/2019	Weather:	Clear	Project Number:	19-4219-022
Time Start:	11:50 AM	Road Condition:	Dry	Observer:	Contractor
Time End:	1:50 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	1	0.3%
30	1	0.7%
31	4	2.0%
32	2	2.6%
33	8	5.2%
34	7	7.5%
35	9	10.5%
36	12	14.4%
37	16	19.7%
38	16	24.9%
39	20	31.5%
40	24	39.3%
41	28	48.5%
42	31	58.7%
43	29	68.2%
44	27	77.0%
45	14	81.6%
46	12	85.6%
47	15	90.5%
48	10	93.8%
49	6	95.7%
50	3	96.7%
51	5	98.4%
52	3	99.3%
53	1	99.7%
54		
55	1	100.0%
56		
57		
58		
59		
60		
61		
62		
63		
64		
65		
66		
67		
68		
69		
70		
Total	305	



DATA ANALYSIS

Average Speed	41.5	Range	29 - 55
50th Percentile	41.1	10 mph Pace	36 - 45
85th Percentile	45.9	Number in Pace	217
90th Percentile	46.9	Percent in Pace	71%
95th Percentile	48.6		



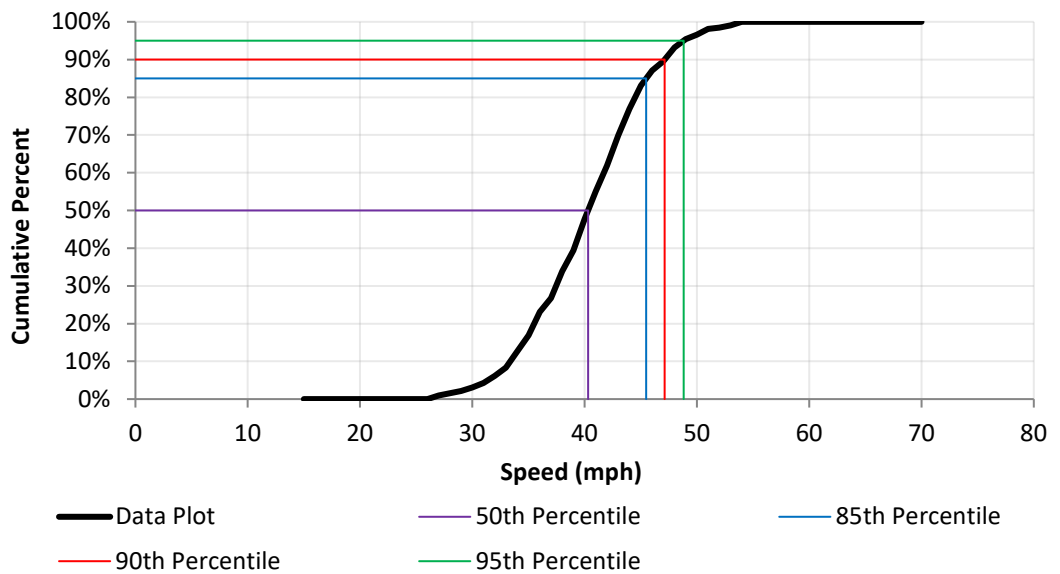
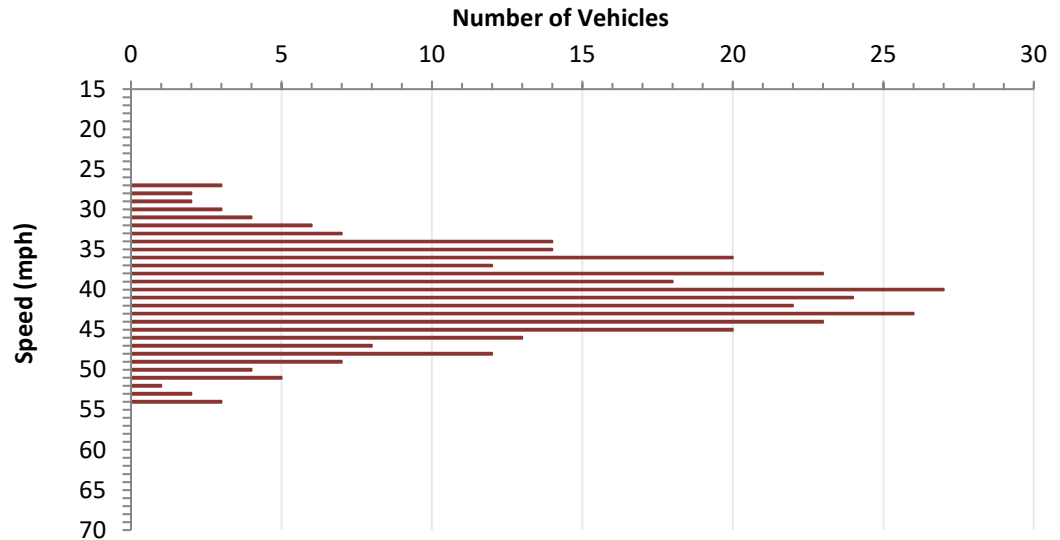
RADAR SPEED SURVEY

SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

Road Name:	Olive Hill Road	From:	Mission Rd	To:	White Horse Ln
Position:	500' N/O Harmony Hill	Direction:	NB/SB		

Date:	5/15/2019	Weather:	Clear	Project Number:	19-4219-020
Time Start:	1:00 PM	Road Condition:	Dry	Observer:	Contractor
Time End:	3:00 PM	Posted Speed:	50 MPH	Calibration Test:	Y

Speed (mph)	Num. Veh.	Cum. Pct.
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		
26		
27	3	0.9%
28	2	1.5%
29	2	2.2%
30	3	3.1%
31	4	4.3%
32	6	6.2%
33	7	8.3%
34	14	12.6%
35	14	16.9%
36	20	23.1%
37	12	26.8%
38	23	33.8%
39	18	39.4%
40	27	47.7%
41	24	55.1%
42	22	61.8%
43	26	69.8%
44	23	76.9%
45	20	83.1%
46	13	87.1%
47	8	89.5%
48	12	93.2%
49	7	95.4%
50	4	96.6%
51	5	98.2%
52	1	98.5%
53	2	99.1%
54	3	100.0%
55		
56		
57		
58		
59		
60		
61		
62		
63		
64		
65		
66		
67		
68		
69		
70		
Total	325	



DATA ANALYSIS

Average Speed	40.7	Range	27 - 54
50th Percentile	40.3	10 mph Pace	36 - 45
85th Percentile	45.5	Number in Pace	215
90th Percentile	47.1	Percent in Pace	66%
95th Percentile	48.8		

SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE

COMMITTEE REPORT OF: September 13, 2019

Item 5-B

SUPERVISORIAL DISTRICT: 5

SUBJECT: Radar Recertification

LOCATION: Olive Hill Road from Mile Post 4.0 (at White Horse Lane) to Morro Hills Road (a distance of 1.84 miles)
FALLBROOK (Thos. Bros. 1047-G3)

INITIATED BY: DPW Traffic Engineering

REQUEST: Radar Recertification

PROBLEM AS STATED BY REQUESTER:

Olive Hill Road from Mile Post 4.0 (at White Horse Lane) to Morro Hills Road is posted 50 MPH Radar Enforced. Preliminary review of prevailing speeds and roadway conditions could support radar recertification.

Existing Traffic Devices

Olive Hill Road is a striped two-lane roadway with a 24 foot travelled way on a 26 to 40 foot road bed. It is striped with a no passing centerline and white edgeline. Olive Hill Road is stop controlled at Burma Road for northbound traffic. The roadway is posted with multiple speed advisory curves, an intersection advisory sign, and fire station advisory signs. Olive Hill Road is an established Through Highway and is classified as a Light Collector on the County General Plan Mobility Element Network. The roadway is posted 50 MPH/Radar Enforced.

Average Daily Traffic Volumes

Olive Hill Road:
at Burma Road

05/19

02/12

2,773

3,980

Speed Data

Olive Hill Road

200' S/o Futurity Lane (2019)

**85th
Percentile**

**10 MPH
Pace**

**% in
Pace**

51.8 MPH

41-50

60.0%

1,040' N/o Del Valle Drive (2019)
(2012)

52.1 MPH
50.0 MPH

43-52
38-47

53.0%
54.0%

450' S/o Highland Oaks St (2019)

50.4 MPH

41-50

64.0%

Speed Zone (2019)

51.4 MPH

42-51

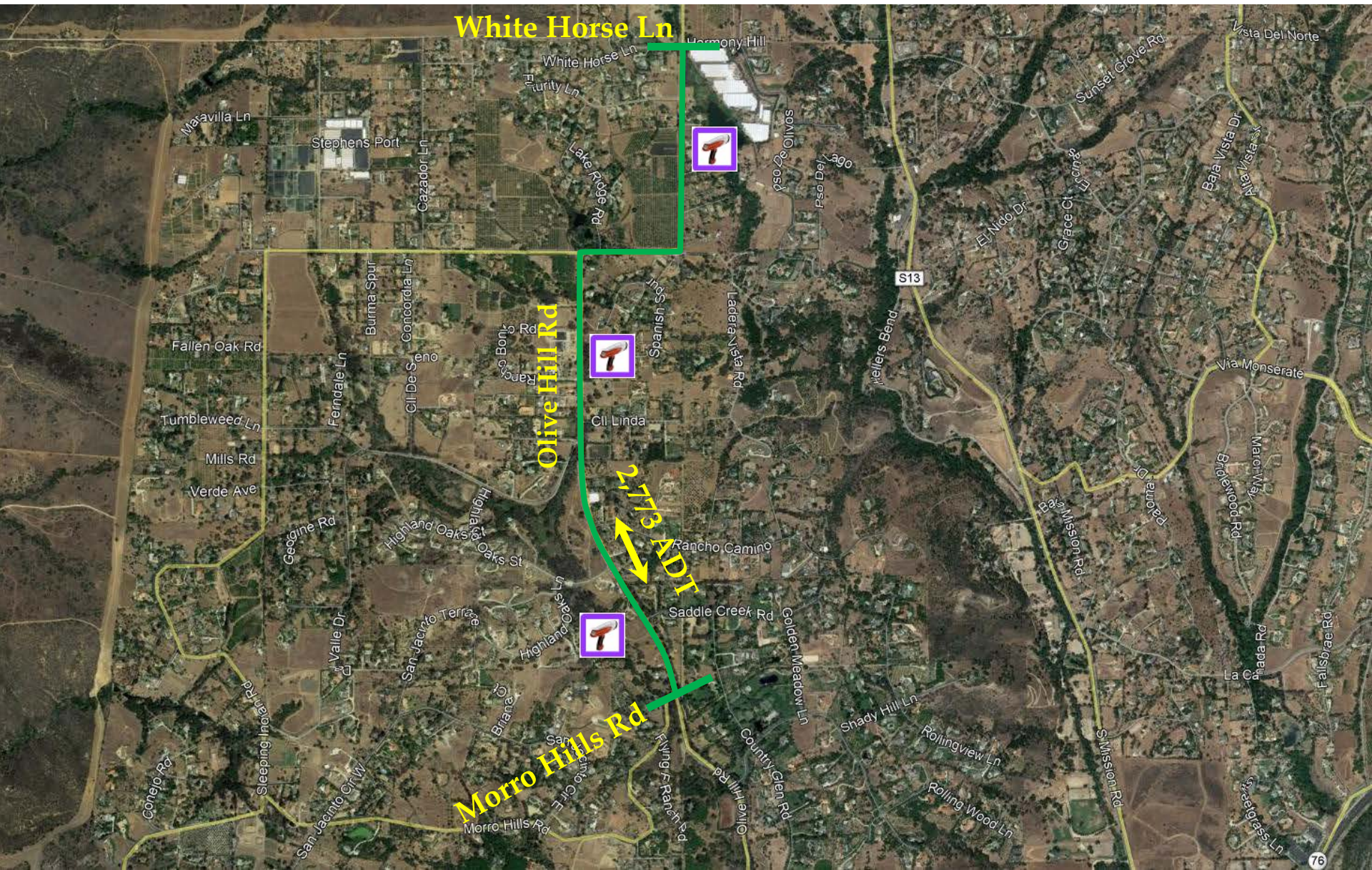
59.0%

Collision Data

There have been 17 reported collisions along this segment of roadway, 9 of which involved injury, in a 3 year period (04-01-16 to 03-31-19). These collisions result in a segment accident rate of 3.05 collisions per million vehicle miles. The statewide average is 1.19 collisions per million vehicle miles for similar suburban conventional 2 lanes or less with speed limit less than 45.

5-B. Radar Recertification

Olive Hill Rd from Mile Post 4.0 to Morro Hills Rd (1.84 miles)



DAILY TOTALS			NB	SB	EB			WB	Total		
			1,454	1,319				0			
AM Peak Hour	08:00	07:00			07:00	PM Peak Hour	15:00	16:45			16:45
AM Pk Volume	93	141			223	PM Pk Volume	148	102			246
Pk Hr Factor	0.894	0.860			0.885	Pk Hr Factor	0.860	0.911			0.879
7 - 9 Volume	175	230	0	0	405	4 - 6 Volume	271	190	0	0	461
7 - 9 Peak Hour	08:00	07:00			07:00	4 - 6 Peak Hour	16:30	16:45			16:45
7 - 9 Pk Volume	93	141	0	0	223	4 - 6 Pk Volume	144	102	0	0	246
Pk Hr Factor	0.894	0.860	0.000	0.000	0.885	Pk Hr Factor	0.818	0.911	0.000	0.000	0.879



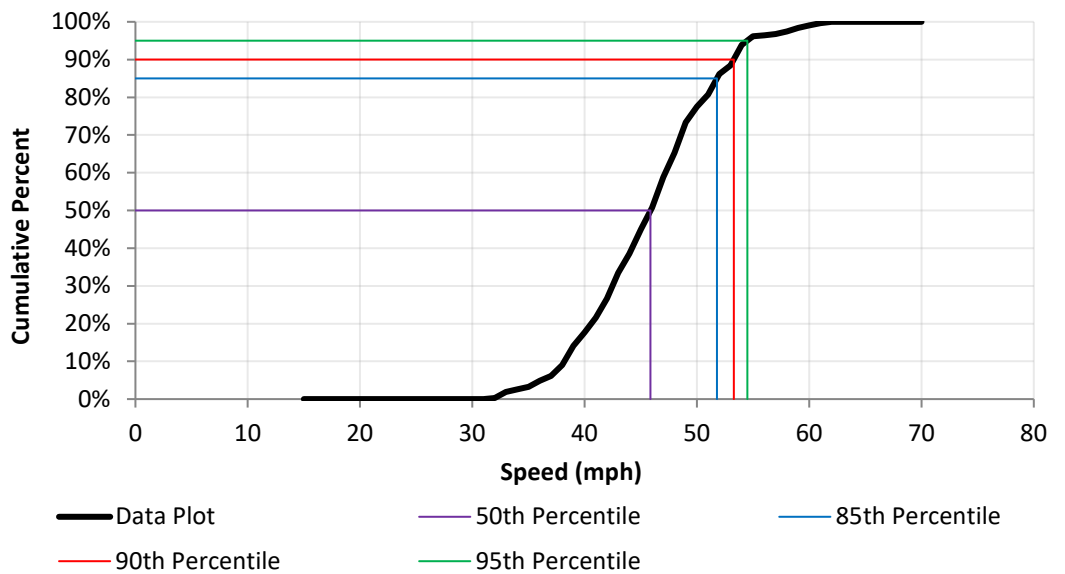
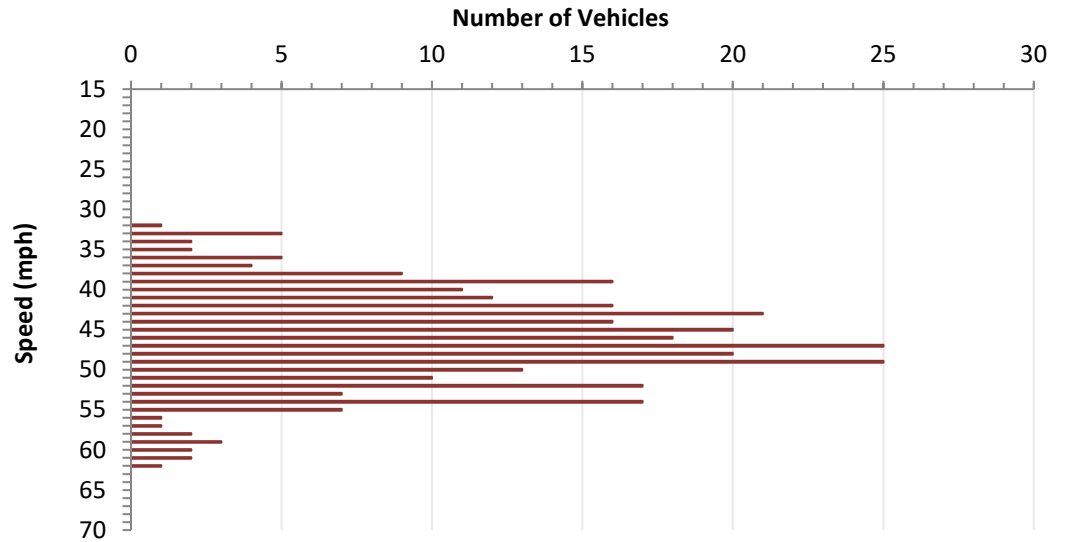
RADAR SPEED SURVEY

SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

Road Name:	Olive Hill Road	From:	White Horse Ln (MP 4.0)	To:	Morro Hills Rd
Position:	200' S/o Futurity Lane	Direction:	NB/SB		

Date:	5/16/2019	Weather:	Clear	Project Number:	19-4219-018
Time Start:	11:45 AM	Road Condition:	Dry	Observer:	Contractor
Time End:	1:45 PM	Posted Speed:	50 MPH	Calibration Test:	Y

Speed (mph)	Num. Veh.	Cum. Pct.
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		
26		
27		
28		
29		
30		
31		
32	1	0.3%
33	5	1.9%
34	2	2.6%
35	2	3.2%
36	5	4.8%
37	4	6.1%
38	9	9.0%
39	16	14.1%
40	11	17.7%
41	12	21.5%
42	16	26.7%
43	21	33.4%
44	16	38.6%
45	20	45.0%
46	18	50.8%
47	25	58.8%
48	20	65.3%
49	25	73.3%
50	13	77.5%
51	10	80.7%
52	17	86.2%
53	7	88.4%
54	17	93.9%
55	7	96.1%
56	1	96.5%
57	1	96.8%
58	2	97.4%
59	3	98.4%
60	2	99.0%
61	2	99.7%
62	1	100.0%
63		
64		
65		
66		
67		
68		
69		
70		
Total	311	



DATA ANALYSIS

Average Speed	46.2	Range	32 - 62
50th Percentile	45.9	10 mph Pace	41 - 50
85th Percentile	51.8	Number in Pace	186
90th Percentile	53.3	Percent in Pace	60%
95th Percentile	54.5		



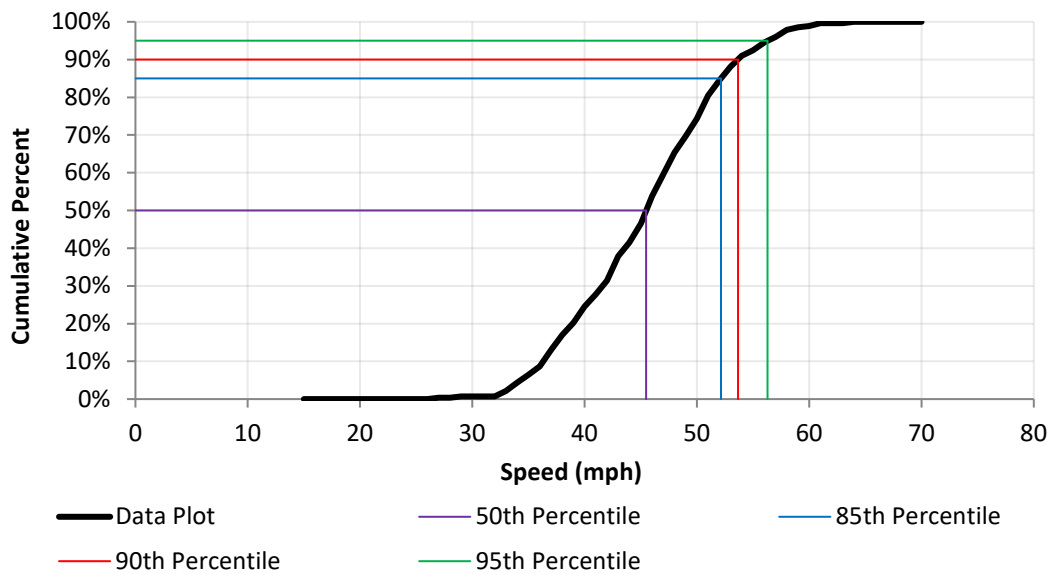
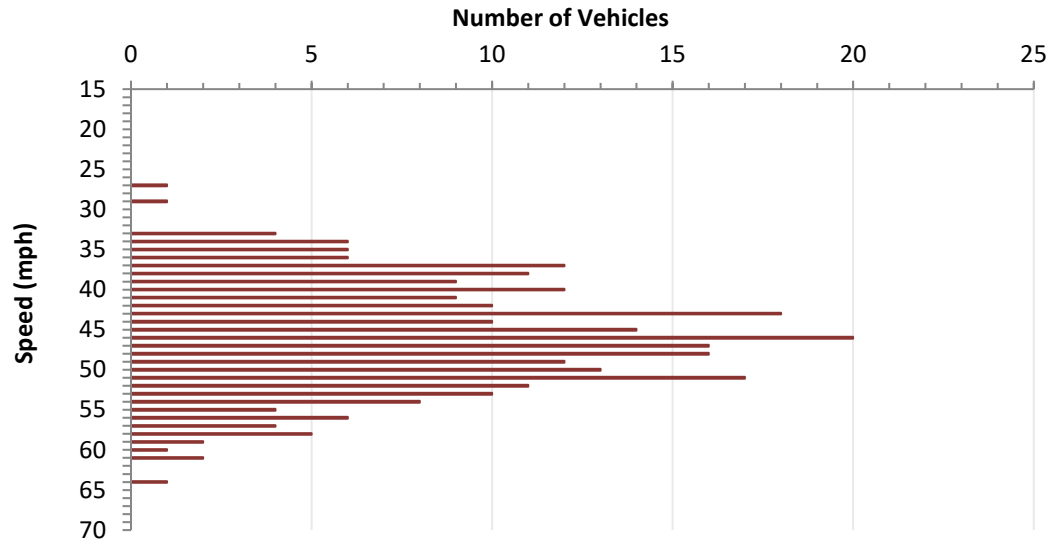
RADAR SPEED SURVEY

SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

Road Name:	Olive Hill Road	From:	White Horse Ln (MP 4.0)	To:	Morro Hills Rd
Position:	1,040' N/O Del Valle Dr	Direction:	NB/SB		

Date:	5/16/2019	Weather:	Clear	Project Number:	19-4219-023
Time Start:	1:30 PM	Road Condition:	Dry	Observer:	Contractor
Time End:	3:30 PM	Posted Speed:	50 MPH	Calibration Test:	Y

Speed (mph)	Num. Veh.	Cum. Pct.
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		
26		
27	1	0.4%
28		
29	1	0.7%
30		
31		
32		
33	4	2.2%
34	6	4.3%
35	6	6.5%
36	6	8.7%
37	12	13.0%
38	11	17.0%
39	9	20.2%
40	12	24.5%
41	9	27.8%
42	10	31.4%
43	18	37.9%
44	10	41.5%
45	14	46.6%
46	20	53.8%
47	16	59.6%
48	16	65.3%
49	12	69.7%
50	13	74.4%
51	17	80.5%
52	11	84.5%
53	10	88.1%
54	8	91.0%
55	4	92.4%
56	6	94.6%
57	4	96.0%
58	5	97.8%
59	2	98.6%
60	1	98.9%
61	2	99.6%
62		
63		
64	1	100.0%
65		
66		
67		
68		
69		
70		
Total	277	



DATA ANALYSIS

Average Speed	45.7	Range	27 - 64
50th Percentile	45.5	10 mph Pace	43 - 52
85th Percentile	52.1	Number in Pace	147
90th Percentile	53.7	Percent in Pace	53%
95th Percentile	56.3		



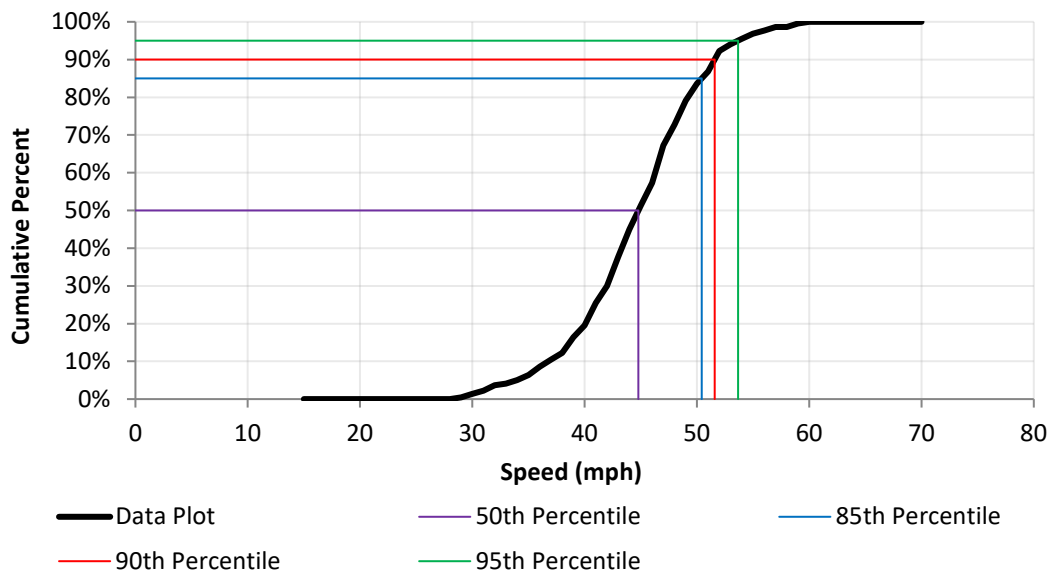
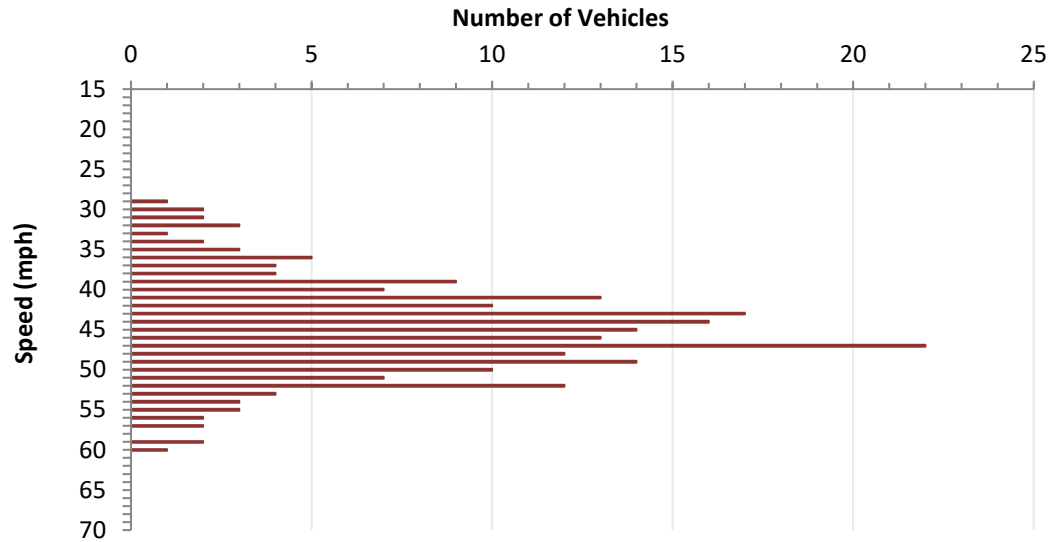
RADAR SPEED SURVEY

SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

Road Name:	Olive Hill Road	From:	White Horse Ln (MP 4.0)	To:	Morro Hills Rd
Position:	450' S/o Highland Oaks St	Direction:	NB/SB		

Date:	5/17/2019	Weather:	Clear	Project Number:	19-4219-019
Time Start:	9:40 AM	Road Condition:	Dry	Observer:	Contractor
Time End:	11:40 AM	Posted Speed:	50 MPH	Calibration Test:	Y

Speed (mph)	Num. Veh.	Cum. Pct.
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		
26		
27		
28		
29	1	0.5%
30	2	1.4%
31	2	2.3%
32	3	3.6%
33	1	4.1%
34	2	5.0%
35	3	6.4%
36	5	8.6%
37	4	10.5%
38	4	12.3%
39	9	16.4%
40	7	19.5%
41	13	25.5%
42	10	30.0%
43	17	37.7%
44	16	45.0%
45	14	51.4%
46	13	57.3%
47	22	67.3%
48	12	72.7%
49	14	79.1%
50	10	83.6%
51	7	86.8%
52	12	92.3%
53	4	94.1%
54	3	95.5%
55	3	96.8%
56	2	97.7%
57	2	98.6%
58		
59	2	99.5%
60	1	100.0%
61		
62		
63		
64		
65		
66		
67		
68		
69		
70		
Total	220	



DATA ANALYSIS

Average Speed	45.0	Range	29 - 60
50th Percentile	44.8	10 mph Pace	41 - 50
85th Percentile	50.4	Number in Pace	141
90th Percentile	51.6	Percent in Pace	64%
95th Percentile	53.7		

SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE

COMMITTEE REPORT OF: September 13, 2019

Item 5-C

SUPERVISORIAL DISTRICT: 5

SUBJECT: Radar Recertification

LOCATION: Olive Hill Road from Morro Hills Road to State Route 76 (a distance of 2.2 miles) FALLBROOK (Thos. Bros. 1047-G6)

INITIATED BY: DPW Traffic Engineering

REQUEST: Radar Recertification

PROBLEM AS STATED BY REQUESTER:

Olive Hill Road from Morro Hills Road to State Route 76 is posted 45 MPH Radar Enforced. Preliminary review of prevailing speeds and roadway conditions could support radar recertification.

Existing Traffic Devices

Olive Hill Road is a striped two-lane roadway with a 24 foot travelled way on a 26 to 42 foot road bed. It is striped with a no passing centerline and white edgeline. The roadway is posted with multiple speed advisory curves, an intersection advisory sign and fire station advisory signs. Olive Hill Road is an established Through Highway and is classified as a Light Collector on the County General Plan Mobility Element Network. The roadway is posted 50 MPH/Radar Enforced.

<u>Average Daily Traffic Volumes</u>	<u>05/19</u>	<u>02/12</u>
Olive Hill Road:		
500' E/o Puerta del Sol	4,192	3,030

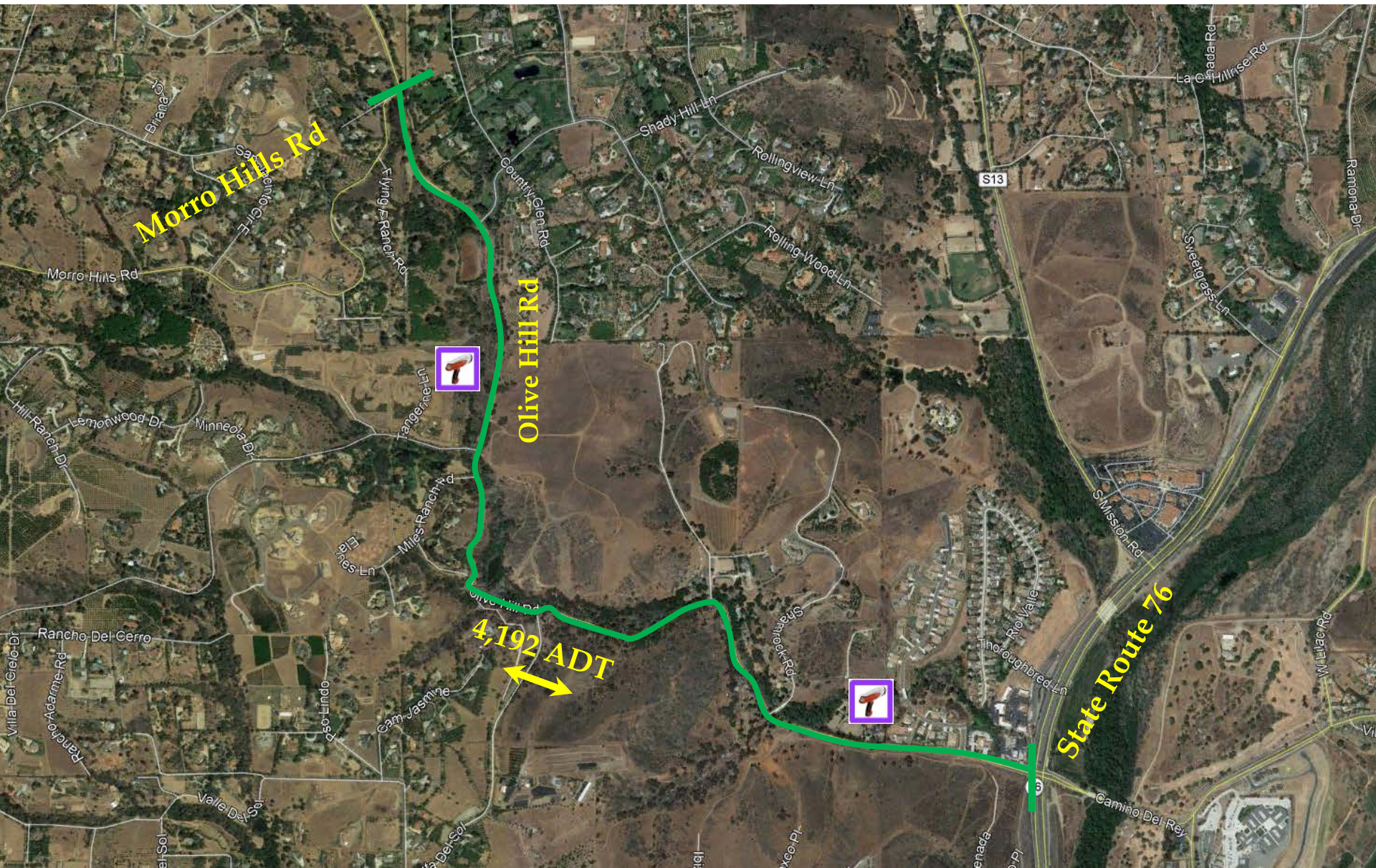
<u>Speed Data</u>	<u>85th Percentile</u>	<u>10 MPH Pace</u>	<u>% in Pace</u>
Olive Hill Road			
200' N/o Puerta de Lomas (2019)	47.0 MPH	36-45	66.0%
1,730' N/o State Route 76 (2019)	47.0 MPH	38-47	69.0%
(2012)	46.0 MPH	37-46	72.9%
Speed Zone (2019)	47.0 MPH	37-46	67.5%

Collision Data

There have been 19 reported collisions along this segment of roadway, 8 of which involved injury and 1 of which involved death in a 3 year period (04-01-16 to 03-31-19). These collisions result in a segment accident rate of 1.89 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.

5-C. Radar Recertification

Olive Hill Rd from Morro Hills Rd to State Route 76 (2.2 miles)



VOLUME

Olive Hill Rd 500' E/O Puerta Del Sol

Day: Wednesday
Date: 5/15/2019City: Bonsall
Project #: CA19_4218_006

DAILY TOTALS					NB	SB						EB	WB						Total
					0	0						2,152	2,040						4,192
AM Period	NB	SB	EB	WB	TOTAL		PM Period	NB	SB	EB	WB	TOTAL							TOTAL
00:00			3	0	3		12:00			26	37	63							
00:15			1	1	2		12:15			34	34	68							
00:30			1	0	1		12:30			21	31	52							
00:45			2	7	0	1	12:45			35	116	29	131	64	247				
01:00			4	1	5		13:00			32	21	53							
01:15			2	0	2		13:15			30	29	59							
01:30			1	0	1		13:30			20	30	50							
01:45			1	8	2	3	13:45			33	115	40	120	73	235				
02:00			1	0	1		14:00			28	27	55							
02:15			0	1	1		14:15			42	42	84							
02:30			0	2	2		14:30			30	45	75							
02:45			1	2	1	4	14:45			53	153	36	150	89	303				
03:00			2	1	3		15:00			45	25	70							
03:15			1	3	4		15:15			60	29	89							
03:30			0	5	5		15:30			48	28	76							
03:45			1	4	3	12	15:45			55	208	26	108	81	316				
04:00			0	4	4		16:00			52	33	85							
04:15			0	2	2		16:15			53	34	87							
04:30			1	9	10		16:30			56	34	90							
04:45			0	1	12	27	16:45			41	202	25	126	66	328				
05:00			0	23	23		17:00			59	28	87							
05:15			5	21	26		17:15			57	26	83							
05:30			4	23	27		17:30			47	31	78							
05:45			9	18	32	99	17:45			45	208	22	107	67	315				
06:00			11	25	36		18:00			34	20	54							
06:15			10	45	55		18:15			53	21	74							
06:30			22	28	50		18:30			39	22	61							
06:45			34	77	45	143	18:45			31	157	21	84	52	241				
07:00			23	52	75		19:00			40	14	54							
07:15			25	50	75		19:15			29	12	41							
07:30			26	64	90		19:30			28	13	41							
07:45			37	111	52	218	19:45			23	120	12	51	35	171				
08:00			34	43	77		20:00			25	8	33							
08:15			20	48	68		20:15			23	5	28							
08:30			23	48	71		20:30			23	1	24							
08:45			29	106	40	179	20:45			24	95	10	24	34	119				
09:00			29	34	63		21:00			25	2	27							
09:15			23	40	63		21:15			19	4	23							
09:30			20	29	49		21:30			13	3	16							
09:45			19	91	37	140	21:45			10	67	7	16	17	83				
10:00			25	38	63		22:00			15	5	20							
10:15			19	40	59		22:15			9	2	11							
10:30			30	39	69		22:30			3	1	4							
10:45			36	110	37	154	22:45			7	34	4	12	11	46				
11:00			31	22	53		23:00			6	5	11							
11:15			34	33	67		23:15			1	2	3							
11:30			28	41	69		23:30			6	1	7							
11:45			33	126	26	122	23:45			3	16	1	9	4	25				
TOTALS			661	1102	1763		TOTALS			1491	938	2429							
SPLIT %			37.5%	62.5%	42.1%		SPLIT %			61.4%	38.6%	57.9%							

DAILY TOTALS					NB	SB						EB	WB						Total
					0	0						2,152	2,040						4,192
AM Peak Hour			10:30	07:00	07:15		PM Peak Hour			15:45	13:45	15:45							
AM Pk Volume			131	218	331		PM Pk Volume			216	154	343							
Pk Hr Factor			0.910	0.852	0.919		Pk Hr Factor			0.964	0.856	0.953							
7 - 9 Volume	0	0	217	397	614		4 - 6 Volume	0	0	410	233	643							
7 - 9 Peak Hour			07:15	07:00	07:15		4 - 6 Peak Hour			16:30	16:00	16:15							
7 - 9 Pk Volume	0	0	122	218	331		4 - 6 Pk Volume	0	0	213	126	330							
Pk Hr Factor	0.000	0.000	0.824	0.852	0.919		Pk Hr Factor	0.000	0.000	0.903	0.926	0.917							



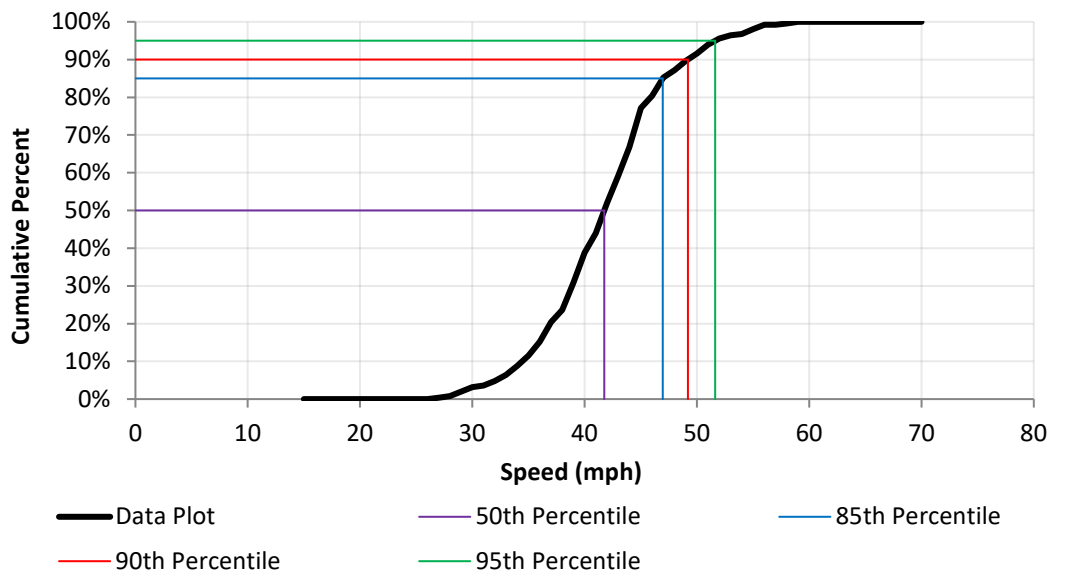
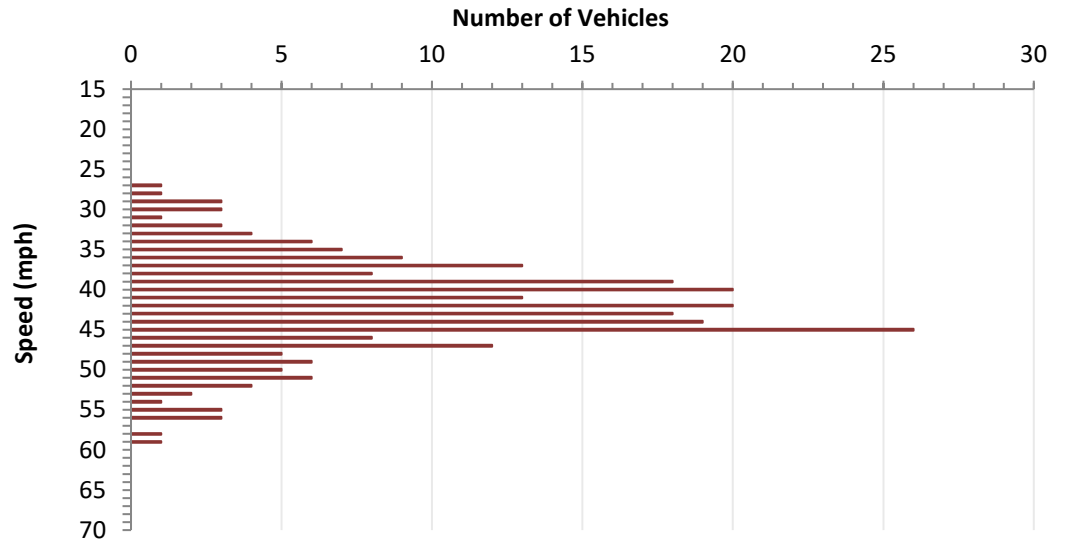
RADAR SPEED SURVEY

SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

Road Name:	Olive Hill Road	From:	Morro Hills Rd	To:	SR 76
Position:	200' N/O Puerta De Lomas	Direction:	NB/SB		

Date:	5/17/2019	Weather:	Clear	Project Number:	19-4219-009
Time Start:	11:50 AM	Road Condition:	Dry	Observer:	Contractor
Time End:	1:50 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	0.4%
28	1	0.8%
29	3	2.0%
30	3	3.2%
31	1	3.6%
32	3	4.8%
33	4	6.4%
34	6	8.8%
35	7	11.6%
36	9	15.2%
37	13	20.4%
38	8	23.6%
39	18	30.8%
40	20	38.8%
41	13	44.0%
42	20	52.0%
43	18	59.2%
44	19	66.8%
45	26	77.2%
46	8	80.4%
47	12	85.2%
48	5	87.2%
49	6	89.6%
50	5	91.6%
51	6	94.0%
52	4	95.6%
53	2	96.4%
54	1	96.8%
55	3	98.0%
56	3	99.2%
57		
58	1	99.6%
59	1	100.0%
60		
61		
62		
63		
64		
65		
66		
67		
68		
69		
70		
Total	250	



DATA ANALYSIS

Average Speed	42.2	Range	27 - 59
50th Percentile	41.8	10 mph Pace	36 - 45
85th Percentile	47.0	Number in Pace	164
90th Percentile	49.2	Percent in Pace	66%
95th Percentile	51.6		



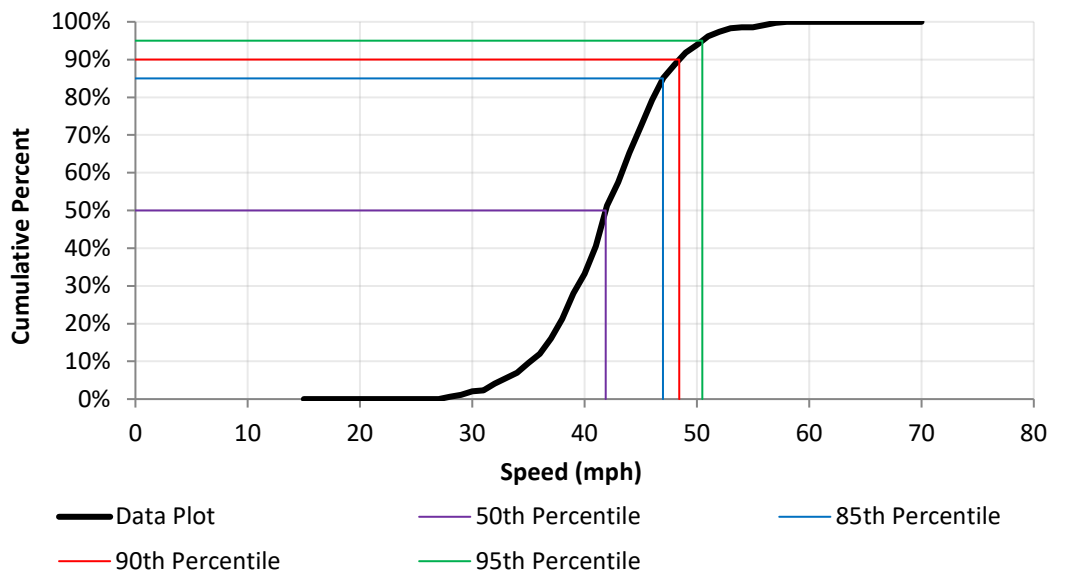
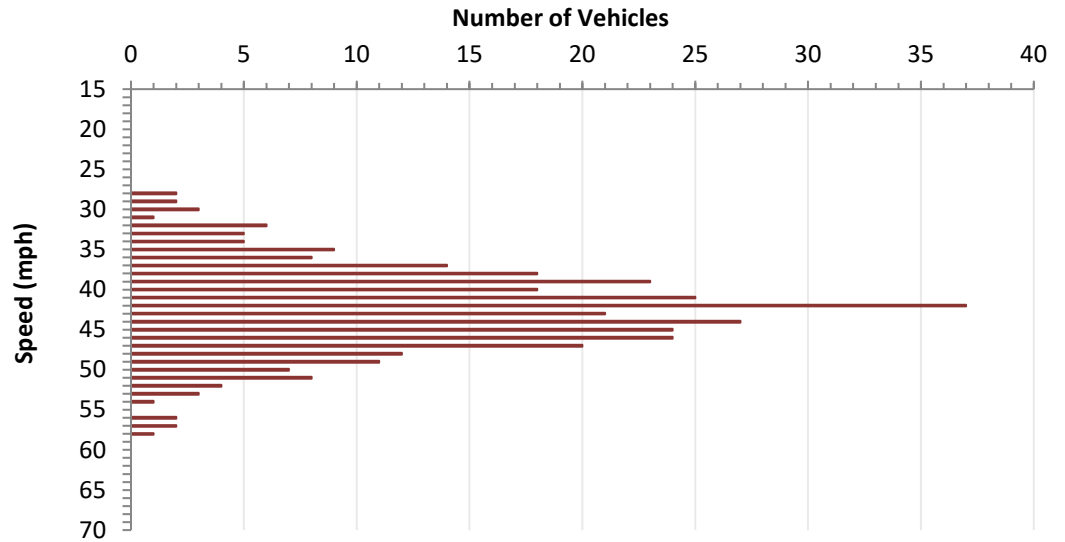
RADAR SPEED SURVEY

SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

Road Name:	Olive Hill Road	From:	Morro Hills Rd	To:	SR 76
Position:	1730' N/O SR-76	Direction:	NB/SB		

Date:	5/17/2019	Weather:	Clear	Project Number:	19-4219-008
Time Start:	1:30 PM	Road Condition:	Dry	Observer:	Contractor
Time End:	3:30 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		
28	2	0.6%
29	2	1.2%
30	3	2.0%
31	1	2.3%
32	6	4.1%
33	5	5.5%
34	5	7.0%
35	9	9.6%
36	8	12.0%
37	14	16.0%
38	18	21.3%
39	23	28.0%
40	18	33.2%
41	25	40.5%
42	37	51.3%
43	21	57.4%
44	27	65.3%
45	24	72.3%
46	24	79.3%
47	20	85.1%
48	12	88.6%
49	11	91.8%
50	7	93.9%
51	8	96.2%
52	4	97.4%
53	3	98.3%
54	1	98.5%
55		
56	2	99.1%
57	2	99.7%
58	1	100.0%
59		
60		
61		
62		
63		
64		
65		
66		
67		
68		
69		
70		
Total	343	



DATA ANALYSIS

Average Speed	42.4	Range	28 - 58
50th Percentile	41.9	10 mph Pace	38 - 47
85th Percentile	47.0	Number in Pace	237
90th Percentile	48.4	Percent in Pace	69%
95th Percentile	50.5		

SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE

COMMITTEE REPORT OF: September 13, 2019

Item **5-D**

SUPERVISORIAL DISTRICT: 5

SUBJECT: Radar Recertification

LOCATION: Reche Road from Stage Coach Lane to Live Oak Park Road (a distance of 1.16 miles) FALLBROOK (Thos. Bros. 1027-J4)

INITIATED BY: DPW Traffic Engineering

REQUEST: Radar Recertification

PROBLEM AS STATED BY REQUESTER:

Reche Road from Stage Coach Lane to Live Oak Park Road is posted 45 MPH Radar Enforced. Preliminary review of prevailing speeds and roadway conditions could support radar recertification.

Existing Traffic Devices

Reche Road is a striped two-lane roadway with a 24 foot travelled way on a 28-40 foot road bed. The roadway is striped with a white edgeline and a no passing centerline. A portion of the roadway is striped with a two-way left-turn lane separating both directions of travel. There is a signalized intersection at Green Canyon Road. There is a posted 25 MPH school speed zone, when children are present, along a portion of the roadway in which there is located a mid-block school crosswalk. Reche Road is designated a Thorough Highway and is classified as a Light Collector on the County General Plan Mobility Element Network. The roadway is posted 45 MPH/Radar Enforced.

Average Daily Traffic Volumes

	<u>05/19</u>	<u>01/10</u>
Reche Road:		
E/o Los Conejos Road	10,603	
@ Los Conejos Road		10,380

Speed Data

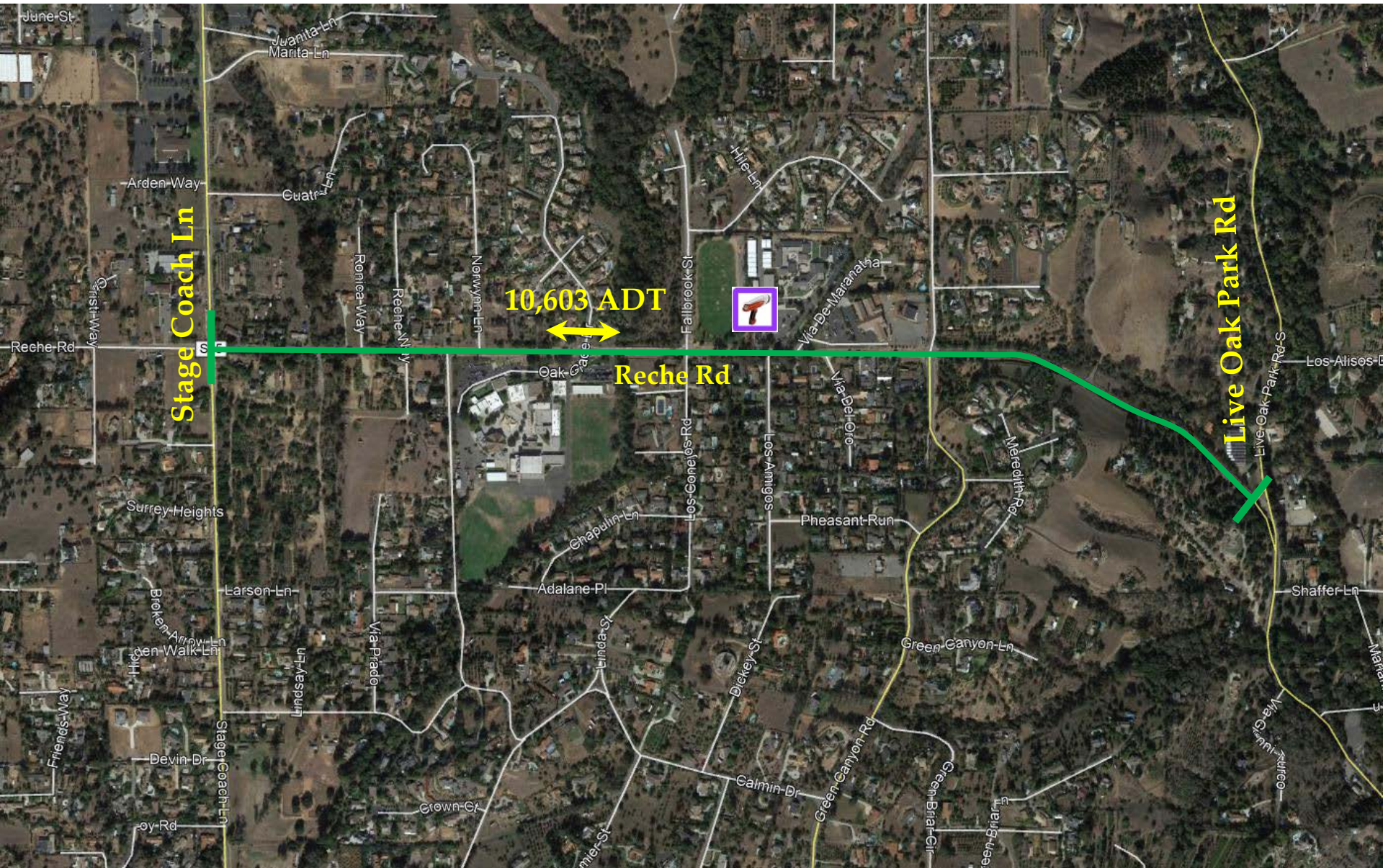
	<u>85th Percentile</u>	<u>10 MPH Pace</u>	<u>% in Pace</u>
Reche Road			
180' E/o Los Conejos Road (2019)	43.8 MPH	35-44	70.0%
(2012)	45.0 MPH	34-43	64.6%

Collision Data

There have been 11 reported collisions along this segment of roadway, 8 of which involved injury, in a 3 year period (04-01-16 to 03-31-19). These collisions result in a segment accident rate of 0.82 collisions per million vehicle miles. The statewide average is 1.19 collisions per million vehicle miles for similar suburban conventional 2 lanes with speeds between 45 to 55 MPH.

5-D. Radar Recertification

Reche Rd from Stage Coach Ln to Live Oak Park Rd (1.16 miles)



VOLUME

Reche Rd E/O Los Conejos Rd

Day: Wednesday
Date: 5/15/2019City: Fallbrook
Project #: CA19_4218_015

DAILY TOTALS					NB	SB						EB	WB	Total	
					0	0						4,888	5,715	10,603	
AM Period	NB	SB	EB	WB	TOTAL		PM Period	NB	SB	EB	WB	TOTAL			
00:00			2	8	10		12:00			72	78	150			
00:15			0	3	3		12:15			64	98	162			
00:30			1	3	4		12:30			93	84	177			
00:45			3	6	3	17	12:45			71	300	86	346	157	646
01:00			3	4	7		13:00			72	73	145			
01:15			1	3	4		13:15			89	98	187			
01:30			2	6	8		13:30			112	179	291			
01:45			3	9	3	16	13:45			77	350	95	445	172	795
02:00			1	2	3		14:00			71	74	145			
02:15			1	1	2		14:15			84	118	202			
02:30			3	3	6		14:30			100	96	196			
02:45			1	6	3	9	14:45			85	340	101	389	186	729
03:00			3	0	3		15:00			87	89	176			
03:15			0	0	0		15:15			115	139	254			
03:30			2	3	5		15:30			81	111	192			
03:45			4	9	3	6	15:45			75	358	111	450	186	808
04:00			2	0	2		16:00			78	96	174			
04:15			9	1	10		16:15			75	146	221			
04:30			15	8	23		16:30			69	147	216			
04:45			16	42	6	15	16:45			89	311	152	541	241	852
05:00			23	10	33		17:00			104	124	228			
05:15			46	23	69		17:15			77	119	196			
05:30			61	15	76		17:30			93	125	218			
05:45			57	187	27	75	17:45			84	358	117	485	201	843
06:00			76	26	102		18:00			73	93	166			
06:15			63	34	97		18:15			58	129	187			
06:30			78	46	124		18:30			84	86	170			
06:45			104	321	82	188	18:45			56	271	71	379	127	650
07:00			96	59	155		19:00			61	83	144			
07:15			79	124	203		19:15			42	49	91			
07:30			98	96	194		19:30			26	46	72			
07:45			122	395	144	423	19:45			35	164	39	217	74	381
08:00			122	139	261		20:00			40	40	80			
08:15			77	108	185		20:15			38	36	74			
08:30			72	89	161		20:30			29	39	68			
08:45			79	350	111	447	20:45			32	139	29	144	61	283
09:00			68	72	140		21:00			59	40	99			
09:15			70	65	135		21:15			38	25	63			
09:30			55	63	118		21:30			25	31	56			
09:45			79	272	56	256	21:45			25	147	22	118	47	265
10:00			69	76	145		22:00			10	16	26			
10:15			58	67	125		22:15			13	18	31			
10:30			68	62	130		22:30			8	10	18			
10:45			63	258	102	307	22:45			8	39	9	53	17	92
11:00			61	92	153		23:00			6	7	13			
11:15			58	85	143		23:15			3	4	7			
11:30			62	70	132		23:30			4	10	14			
11:45			58	239	113	360	23:45			4	17	8	29	12	46
TOTALS			2094	2119	4213		TOTALS			2794	3596	6390			
SPLIT %			49.7%	50.3%	39.7%		SPLIT %			43.7%	56.3%	60.3%			

DAILY TOTALS					NB	SB						EB	WB	Total	
					0	0						4,888	5,715	10,603	
AM Peak Hour			07:15	07:15	07:15		PM Peak Hour			14:30	16:15	16:15			
AM Pk Volume			421	503	924		PM Pk Volume			387	569	906			
Pk Hr Factor			0.863	0.873	0.868		Pk Hr Factor			0.841	0.936	0.940			
7 - 9 Volume	0	0	745	870	1615		4 - 6 Volume	0	0	669	1026	1695			
7 - 9 Peak Hour			07:15	07:15	07:15		4 - 6 Peak Hour			16:45	16:15	16:15			
7 - 9 Pk Volume	0	0	421	503	924		4 - 6 Pk Volume	0	0	363	569	906			
Pk Hr Factor	0.000	0.000	0.863	0.873	0.868		Pk Hr Factor	0.000	0.000	0.873	0.936	0.940			

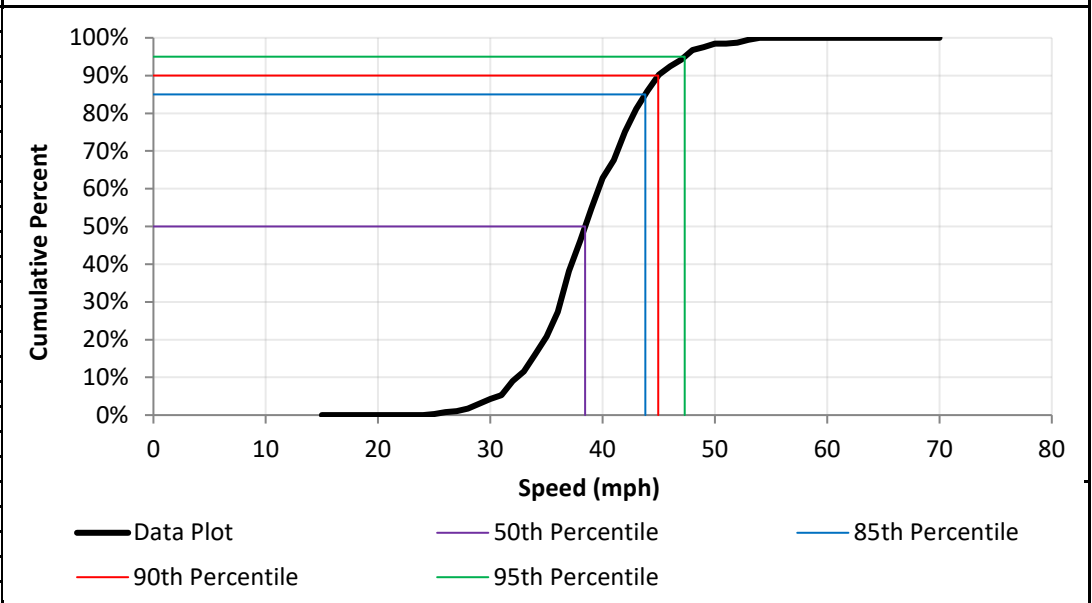
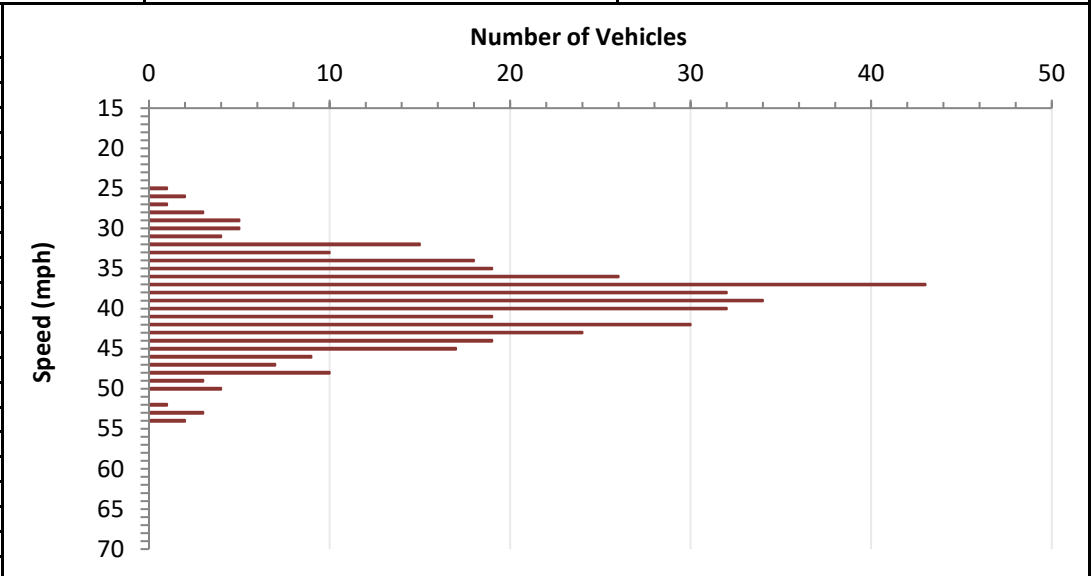


RADAR SPEED SURVEY

SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

Road Name:	Reche Road	From:	Stage Coach Lane	To:	Live Oak Park Road
Position:	180' E/o Los Conejos Rd	Direction:	EB/WB		
Date:	5/9/2019	Weather:	Clear	Project Number:	19-4219-040
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		
22		
23		
24		
25	1	0.3%
26	2	0.8%
27	1	1.0%
28	3	1.8%
29	5	3.0%
30	5	4.3%
31	4	5.3%
32	15	9.0%
33	10	11.6%
34	18	16.1%
35	19	20.9%
36	26	27.4%
37	43	38.2%
38	32	46.2%
39	34	54.8%
40	32	62.8%
41	19	67.6%
42	30	75.1%
43	24	81.2%
44	19	85.9%
45	17	90.2%
46	9	92.5%
47	7	94.2%
48	10	96.7%
49	3	97.5%
50	4	98.5%
51		
52	1	98.7%
53	3	99.5%
54	2	100.0%
55		
56		
57		
58		
59		
60		
61		
62		
63		
64		
65		
66		
67		
68		
69		
70		
Total	398	



DATA ANALYSIS			
Average Speed	39.2	Range	25 - 54
50th Percentile	38.4	10 mph Pace	35 - 44
85th Percentile	43.8	Number in Pace	278
90th Percentile	45.0	Percent in Pace	70%
95th Percentile	47.3		

SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE

COMMITTEE REPORT OF: September 13, 2019

Item 5-E

SUPERVISORIAL DISTRICT: 5

SUBJECT: Radar Recertification

LOCATION: Reche Road from Live Oak Park Road to Via Vista (a distance of 1.16 miles) FALLBROOK (Thos. Bros. 1028-B4)

INITIATED BY: DPW Traffic Engineering

REQUEST: Radar Recertification

PROBLEM AS STATED BY REQUESTER:

Reche Road from Live Oak Park Road to Via Vista is posted 40 MPH Radar Enforced. Preliminary review of prevailing speeds and roadway conditions could support radar recertification.

Existing Traffic Devices

Reche Road is a striped two-lane roadway with a 24 foot travelled way on a 26 foot road bed. It is striped with a no passing centerline and white edgeline. There is a signalized intersection at Gird Road. There is a speed advisory curve as well as pedestrian and curve advisory signs along the roadway. Reche Road is an established Through Highway and is classified as a Light Collector on the County General Plan Mobility Element Network. The roadway is posted 40 MPH/Radar Enforced.

Average Daily Traffic Volumes

Reche Road:

E/o Live Oak Park Road

05/19

10,400

06/13

10,800

Speed Data

Reche Road

1,180' E/o Live Oak Park Rd(2019)
(2012)

85th
Percentile

39.5 MPH
43.5 MPH

10 MPH
Pace

32-41
36-42

% in
Pace

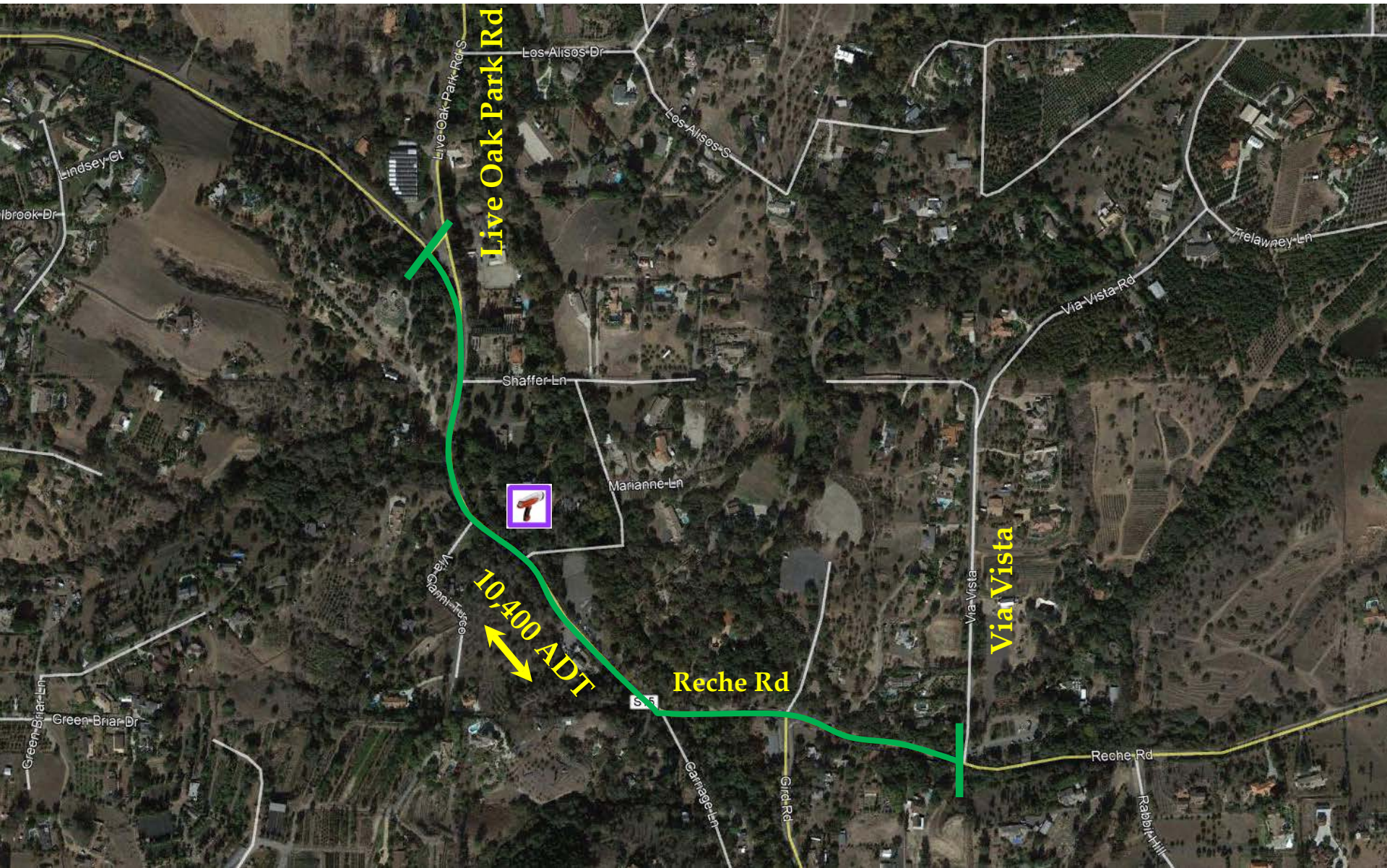
82.0%
83.2%

Collision Data

There have been 21 reported collisions along this segment of roadway, 8 of which involved injury, in a 3 year period (04-01-16 to 03-31-19). These collisions result in a segment accident rate of 0.82 collisions per million vehicle miles. The statewide average is 1.80 collisions per million vehicle miles for similar suburban conventional 2 lanes or less with speeds below 45 MPH.

5-E. Radar Recertification

Reche Rd from Live Oak Park Rd to Via Vista (0.65 miles)



VOLUME

Reche Rd 1180' E/O Live Oak Park Rd

Day: Wednesday
Date: 5/15/2019City: Fallbrook
Project #: CA19_4218_028

DAILY TOTALS					NB	SB						EB	WB						Total
					0	0						5,066	5,334						10,400
AM Period	NB	SB	EB	WB	TOTAL		PM Period	NB	SB	EB	WB	TOTAL							
00:00			2	7	9		12:00			77	74	151							
00:15			1	3	4		12:15			85	69	154							
00:30			1	5	6		12:30			87	74	161							
00:45			2	6	8	25	12:45			66	315	381	616						
01:00			3	4	7		13:00			62	76	138							
01:15			1	6	7		13:15			81	96	177							
01:30			0	6	6		13:30			102	84	186							
01:45			3	7	10	23	13:45			93	338	431	670						
02:00			0	2	2		14:00			80	80	160							
02:15			2	1	3		14:15			93	87	180							
02:30			3	3	6		14:30			95	90	185							
02:45			1	6	7	15	14:45			84	352	436	714						
03:00			2	0	2		15:00			91	89	180							
03:15			2	1	3		15:15			107	136	243							
03:30			5	2	7		15:30			98	124	222							
03:45			5	14	19	20	15:45			96	392	488	850						
04:00			7	0	7		16:00			87	121	208							
04:15			13	3	16		16:15			82	165	247							
04:30			17	7	24		16:30			68	134	202							
04:45			28	65	93	82	16:45			96	333	429	910						
05:00			32	12	44		17:00			98	118	216							
05:15			49	15	64		17:15			64	152	216							
05:30			72	10	82		17:30			66	117	183							
05:45			65	218	283	283	17:45			69	297	366	778						
06:00			88	36	124		18:00			64	100	164							
06:15			85	28	113		18:15			61	115	176							
06:30			91	46	137		18:30			68	92	160							
06:45			100	364	464	538	18:45			60	253	313	637						
07:00			116	53	169		19:00			46	69	115							
07:15			86	107	193		19:15			35	50	85							
07:30			105	82	187		19:30			27	50	77							
07:45			98	405	503	754	19:45			34	142	176	358						
08:00			111	105	216		20:00			38	35	73							
08:15			94	97	191		20:15			29	35	64							
08:30			87	95	182		20:30			36	46	82							
08:45			89	381	470	757	20:45			23	126	149	278						
09:00			87	69	156		21:00			38	41	79							
09:15			72	58	130		21:15			33	31	64							
09:30			78	55	133		21:30			26	36	62							
09:45			88	325	413	561	21:45			26	123	149	254						
10:00			82	70	152		22:00			12	21	33							
10:15			74	67	141		22:15			13	20	33							
10:30			79	67	146		22:30			5	11	16							
10:45			73	308	381	589	22:45			10	40	50	105						
11:00			61	75	136		23:00			6	10	16							
11:15			49	64	113		23:15			3	4	7							
11:30			79	68	147		23:30			3	13	16							
11:45			50	239	289	534	23:45			5	17	22	49						
TOTALS			2338	1843	4181		TOTALS			2728	3491	6219							
SPLIT %			55.9%	44.1%	40.2%		SPLIT %			43.9%	56.1%	59.8%							

DAILY TOTALS					NB	SB						EB	WB						Total
					0	0						5,066	5,334						10,400
AM Peak Hour			07:30	07:45	07:15		PM Peak Hour			15:00	16:00	16:15							
AM Pk Volume			408	404	801		PM Pk Volume			392	577	918							
Pk Hr Factor			0.919	0.944	0.927		Pk Hr Factor			0.916	0.874	0.907							
7 - 9 Volume	0	0	786	725	1511		4 - 6 Volume	0	0	630	1058	1688							
7 - 9 Peak Hour			07:30	07:45	07:15		4 - 6 Peak Hour			16:15	16:00	16:15							
7 - 9 Pk Volume	0	0	408	404	801		4 - 6 Pk Volume	0	0	344	577	918							
Pk Hr Factor	0.000	0.000	0.919	0.944	0.927		Pk Hr Factor	0.000	0.000	0.878	0.874	0.907							



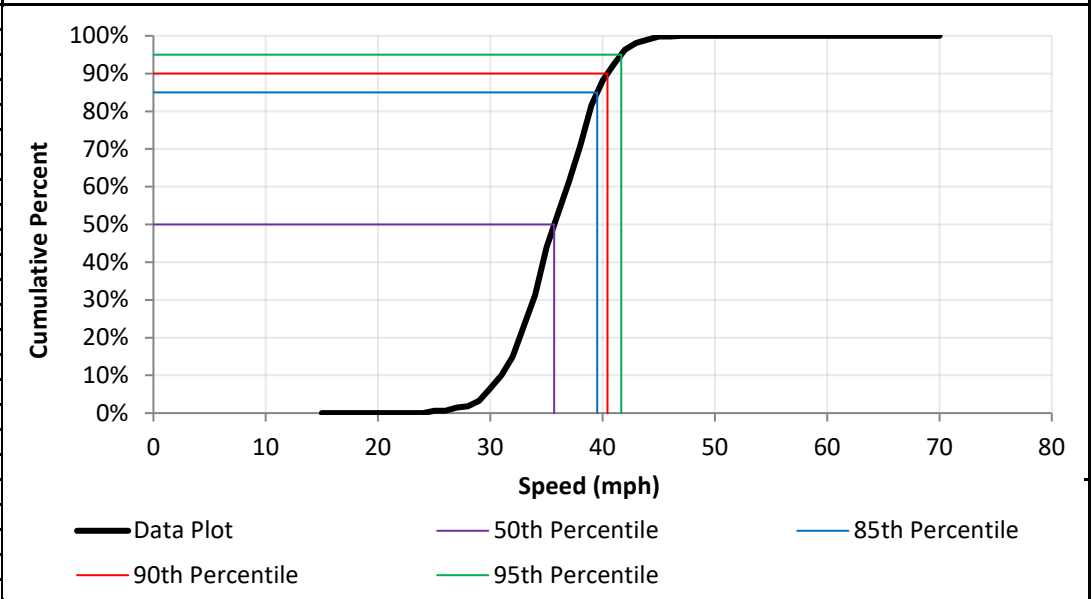
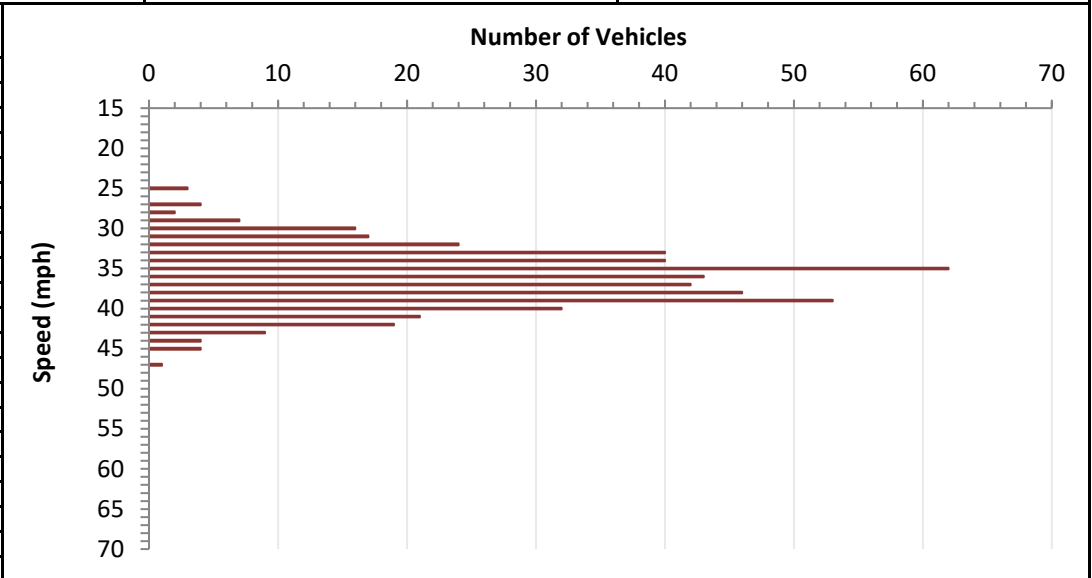
RADAR SPEED SURVEY

SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

Road Name:	Reche Road	From:	Live Oak Park Road	To:	Via Vista
Position:	1180' E/o Live Oak Park Road			Direction:	EB/WB

Date:	5/8/2019	Weather:	Clear	Project Number:	19-4219-039
Time Start:	9:00 AM	Road Condition:	Dry	Observer:	Contractor
Time End:	11:00 AM	Posted Speed:	40 MPH	Calibration Test:	Y

Speed (mph)	Num. Veh.	Cum. Pct.
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25	3	0.6%
26		
27	4	1.4%
28	2	1.8%
29	7	3.3%
30	16	6.5%
31	17	10.0%
32	24	14.9%
33	40	23.1%
34	40	31.3%
35	62	44.0%
36	43	52.8%
37	42	61.3%
38	46	70.8%
39	53	81.6%
40	32	88.1%
41	21	92.4%
42	19	96.3%
43	9	98.2%
44	4	99.0%
45	4	99.8%
46		
47	1	100.0%
48		
49		
50		
51		
52		
53		
54		
55		
56		
57		
58		
59		
60		
61		
62		
63		
64		
65		
66		
67		
68		
69		
70		
Total	489	



DATA ANALYSIS

Average Speed	36.2	Range	25 - 47
50th Percentile	35.7	10 mph Pace	32 - 41
85th Percentile	39.5	Number in Pace	403
90th Percentile	40.4	Percent in Pace	82%
95th Percentile	41.7		

SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE

COMMITTEE REPORT OF: September 13, 2019

Item **5-F**

SUPERVISORIAL DISTRICT: 5

SUBJECT: Radar Recertification

LOCATION: Reche Road from Via Vista to Old Highway 395 (a distance of 2.0 miles) FALLBROOK (Thos. Bros. 1028-C5)

INITIATED BY: DPW Traffic Engineering

REQUEST: Radar Recertification

PROBLEM AS STATED BY REQUESTER:

Reche Road from Via Vista to Old Highway 395 is posted 45 MPH Radar Enforced. Preliminary review of prevailing speeds and roadway conditions could support radar recertification.

Existing Traffic Devices

Reche Road is a striped two-lane roadway with a 24 foot travelled way on a 26-30 foot road bed. It is striped with a no passing centerline and white edgeline. The roadway is posted with curve and intersection advisory signs. Reche Road is an established Through Highway and is classified as a Light Collector on the County General Plan Mobility Element Network. The roadway is posted 45 MPH/Radar Enforced.

Average Daily Traffic Volumes

Reche Road:

E/o Ranger Road

05/19

7,546

02/13

8,080

Speed Data

Reche Road

250' E/o Scooter Lane

(2019)

(2012)

**85th
Percentile**

47.7 MPH

50.9 MPH

**10 MPH
Pace**

39-48

43-52

**% in
Pace**

68.0%

71.6%

250' E/o Ranger Road

(2019)

(2012)

49.6 MPH

47.0 MPH

41-50

37-46

70.0%

67.1%

Speed Zone

(2019)

48.7 MPH

40-49

69.0%

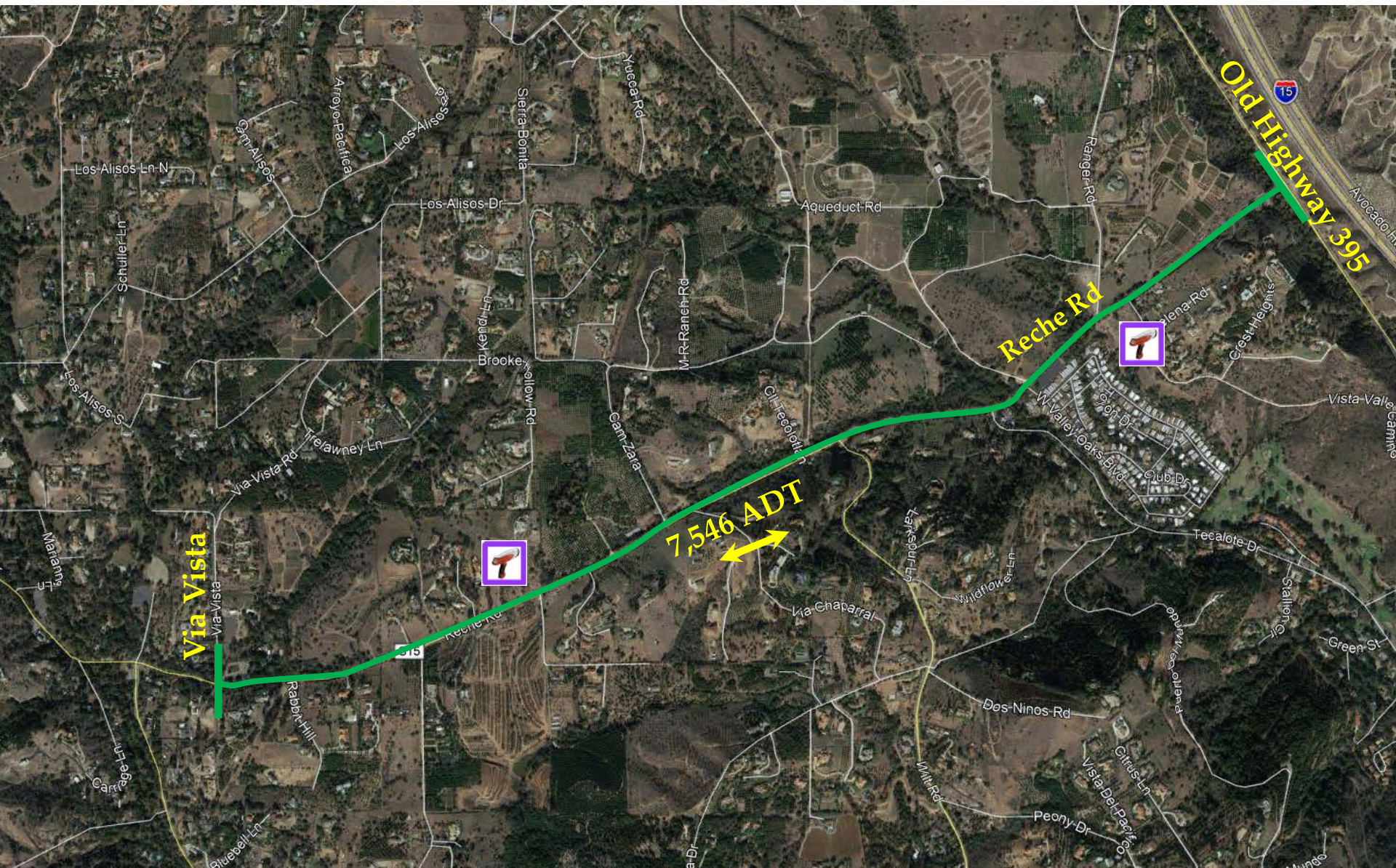
Collision Data

There have been 11 reported collisions along this segment of roadway, 3 of which involved injury and 1 of which involved fatality, in a 3 year period (04-01-16 to 03-31-19). These collisions result in a segment accident rate of 0.67 collisions per million vehicle miles. The statewide average is 1.19 collisions per million vehicle miles for similar suburban conventional 2 lanes or less with speeds between 45 to 55 MPH.

5-F. Radar Recertification

Reche Rd from Via Vista to Old Highway 395 (2.0 miles)

Reche Rd from Via Vista to Old Highway 395 (2.0 miles)



VOLUME

Reche Rd 175' E/O Ranger Rd

Day: Wednesday
Date: 5/15/2019City: Fallbrook
Project #: CA19_4218_029

DAILY TOTALS					NB	SB						EB	WB						Total
					0	0						3,717	3,829						7,546
AM Period	NB	SB	EB	WB	TOTAL		PM Period	NB	SB	EB	WB	TOTAL							TOTAL
00:00			5	10	15		12:00			48	48	96							
00:15			1	8	9		12:15			49	53	102							
00:30			2	4	6		12:30			67	57	124							
00:45			2	10	3	25	12:45			58	222	45	203	103	425				
01:00			1	3	4		13:00			50	55	105							
01:15			1	2	3		13:15			44	55	99							
01:30			0	5	5		13:30			77	51	128							
01:45			2	4	2	12	13:45			67	238	58	219	125	457				
02:00			1	3	4		14:00			55	51	106							
02:15			1	0	1		14:15			68	56	124							
02:30			5	3	8		14:30			66	54	120							
02:45			2	9	3	9	14:45			70	259	75	236	145	495				
03:00			1	0	1		15:00			56	78	134							
03:15			4	0	4		15:15			73	94	167							
03:30			5	2	7		15:30			63	97	160							
03:45			7	17	2	4	15:45			75	267	77	346	152	613				
04:00			5	0	5		16:00			59	102	161							
04:15			13	4	17		16:15			51	130	181							
04:30			16	2	18		16:30			44	103	147							
04:45			23	57	4	10	16:45			64	218	121	456	185	674				
05:00			23	11	34		17:00			53	101	154							
05:15			50	12	62		17:15			51	109	160							
05:30			64	12	76		17:30			40	97	137							
05:45			71	208	20	55	17:45			47	191	76	383	123	574				
06:00			76	23	99		18:00			35	78	113							
06:15			74	28	102		18:15			40	87	127							
06:30			74	37	111		18:30			38	65	103							
06:45			70	294	40	128	18:45			34	147	69	299	103	446				
07:00			77	42	119		19:00			33	49	82							
07:15			80	64	144		19:15			19	45	64							
07:30			78	55	133		19:30			24	51	75							
07:45			80	315	57	218	19:45			24	100	35	180	59	280				
08:00			78	46	124		20:00			22	33	55							
08:15			92	56	148		20:15			26	34	60							
08:30			64	45	109		20:30			21	35	56							
08:45			61	295	56	203	20:45			15	84	44	146	59	230				
09:00			69	34	103		21:00			12	31	43							
09:15			58	33	91		21:15			27	30	57							
09:30			65	32	97		21:30			14	29	43							
09:45			65	257	26	125	21:45			15	68	22	112	37	180				
10:00			63	42	105		22:00			10	18	28							
10:15			60	28	88		22:15			11	13	24							
10:30			57	49	106		22:30			8	12	20							
10:45			54	234	57	176	22:45			2	31	13	56	15	87				
11:00			36	39	75		23:00			4	13	17							
11:15			50	43	93		23:15			3	5	8							
11:30			57	52	109		23:30			1	13	14							
11:45			37	180	60	194	23:45			4	12	3	34	7	46				
TOTALS			1880	1159	3039		TOTALS			1837	2670	4507							
SPLIT %			61.9%	38.1%	40.3%		SPLIT %			40.8%	59.2%	59.7%							

DAILY TOTALS					NB	SB						EB	WB						Total
					0	0						3,717	3,829						7,546
AM Peak Hour			07:30	07:15	07:30		PM Peak Hour			15:15	16:00	16:00							
AM Pk Volume			328	222	542		PM Pk Volume			270	456	674							
Pk Hr Factor			0.891	0.867	0.916		Pk Hr Factor			0.900	0.877	0.911							
7 - 9 Volume	0	0	610	421	1031		4 - 6 Volume	0	0	409	839	1248							
7 - 9 Peak Hour			07:30	07:15	07:30		4 - 6 Peak Hour			16:00	16:00	16:00							
7 - 9 Pk Volume	0	0	328	222	542		4 - 6 Pk Volume	0	0	218	456	674							
Pk Hr Factor	0.000	0.000	0.891	0.867	0.916		Pk Hr Factor	0.000	0.000	0.852	0.877	0.911							

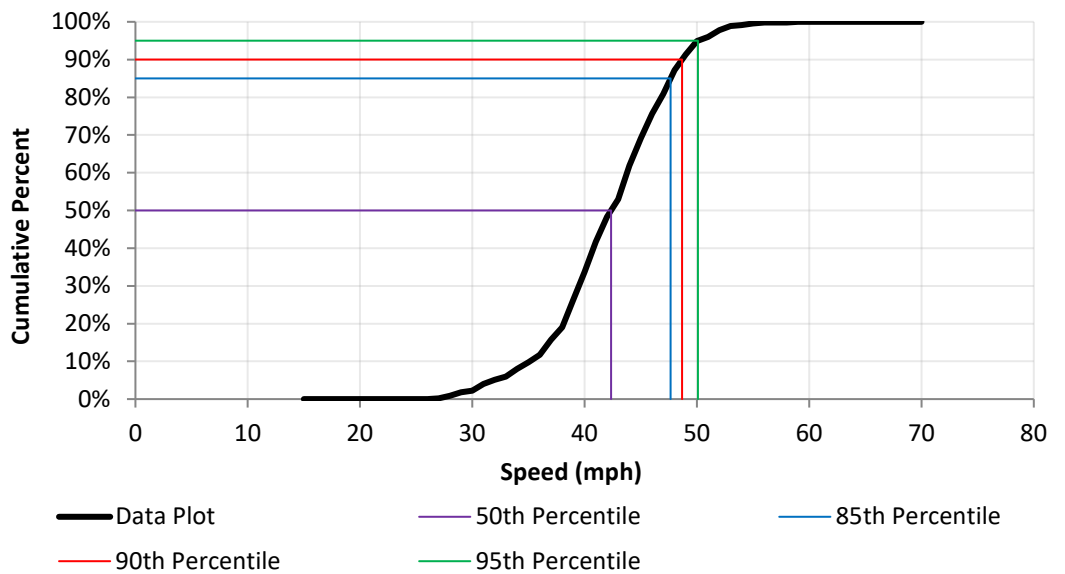
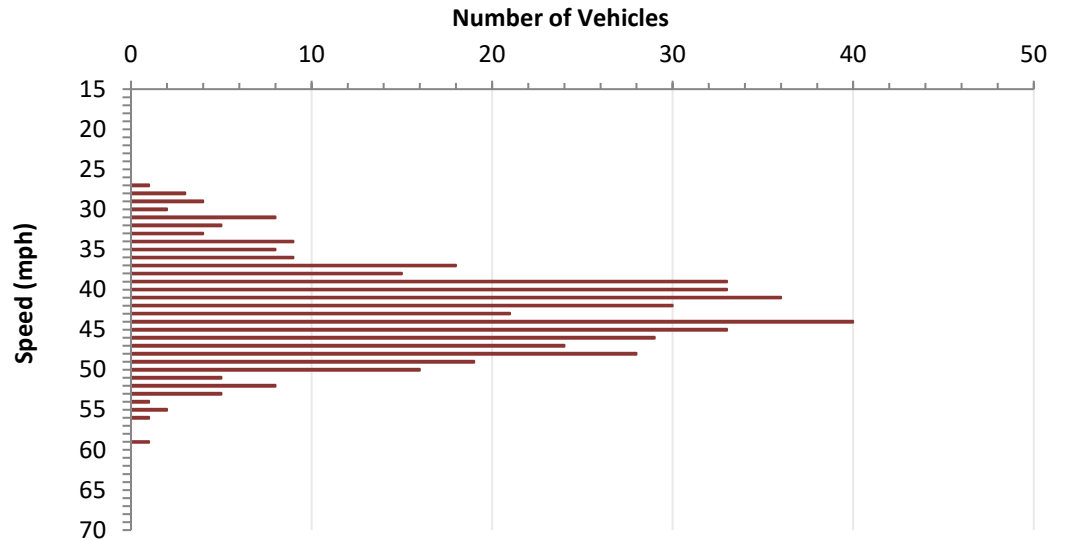


RADAR SPEED SURVEY

SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

Road Name:	Reche Rd	From:	Via Vista	To:	Old Highway 395
Position:	Reche Rd 250' E/O Scooter Ln			Direction:	EB/WB
Date:	5/8/2019	Weather:	Clear	Project Number:	19-4219-038
Time Start:	11:15 AM	Road Condition:	Dry	Observer:	Contractor
Time End:	1:15 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	0.2%
28	3	0.9%
29	4	1.8%
30	2	2.2%
31	8	4.0%
32	5	5.1%
33	4	6.0%
34	9	8.0%
35	8	9.8%
36	9	11.8%
37	18	15.7%
38	15	19.1%
39	33	26.4%
40	33	33.7%
41	36	41.7%
42	30	48.3%
43	21	53.0%
44	40	61.9%
45	33	69.2%
46	29	75.6%
47	24	80.9%
48	28	87.1%
49	19	91.4%
50	16	94.9%
51	5	96.0%
52	8	97.8%
53	5	98.9%
54	1	99.1%
55	2	99.6%
56	1	99.8%
57		
58		
59	1	100.0%
60		
61		
62		
63		
64		
65		
66		
67		
68		
69		
70		
Total	451	



DATA ANALYSIS

Average Speed	42.6	Range	27 - 59
50th Percentile	42.4	10 mph Pace	39 - 48
85th Percentile	47.7	Number in Pace	307
90th Percentile	48.7	Percent in Pace	68%
95th Percentile	50.1		

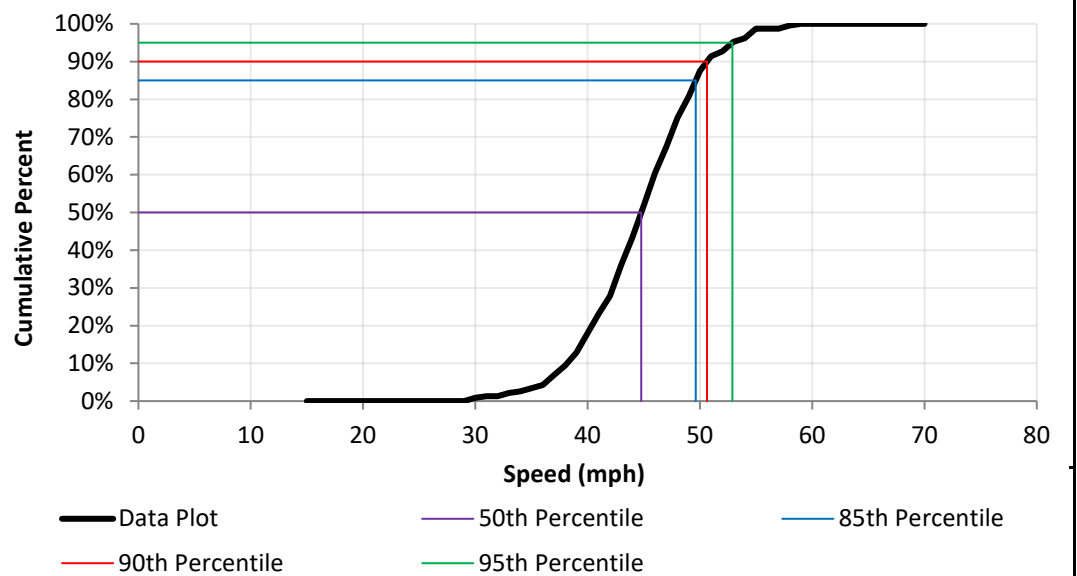
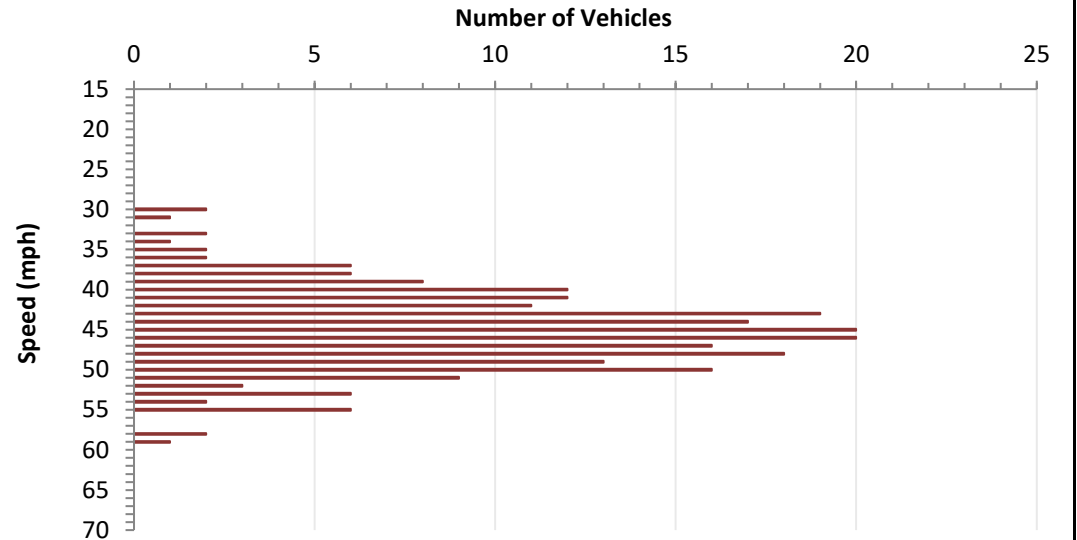


RADAR SPEED SURVEY

SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

Road Name:	Reche Rd	From:	Via Vista	To:	Old Highway 395
Position:	Reche Rd 250' E/O Ranger Rd	Direction:	EB/WB		
Date:	5/8/2019	Weather:	Clear	Project Number:	19-4219-030
Time Start:	1:25 PM	Road Condition:	Dry	Observer:	Contractor
Time End:	3:25 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		
28		
29		
30	2	0.9%
31	1	1.3%
32		
33	2	2.1%
34	1	2.6%
35	2	3.4%
36	2	4.3%
37	6	6.9%
38	6	9.4%
39	8	12.9%
40	12	18.0%
41	12	23.2%
42	11	27.9%
43	19	36.1%
44	17	43.3%
45	20	51.9%
46	20	60.5%
47	16	67.4%
48	18	75.1%
49	13	80.7%
50	16	87.6%
51	9	91.4%
52	3	92.7%
53	6	95.3%
54	2	96.1%
55	6	98.7%
56		
57		
58	2	99.6%
59	1	100.0%
60		
61		
62		
63		
64		
65		
66		
67		
68		
69		
70		
Total	233	



DATA ANALYSIS

Average Speed	45.1	Range	30 - 59
50th Percentile	44.8	10 mph Pace	41 - 50
85th Percentile	49.6	Number in Pace	162
90th Percentile	50.6	Percent in Pace	70%
95th Percentile	52.9		