

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 30, 2017

TO: Community Planning/Sponsor Group Chairpersons

FROM: Secretary, Traffic Advisory Committee

MEETING NOTICE

Attached is the preliminary agenda for the September 8, 2017, 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

September 8, 2017 ~ 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	VIA VIEJAS/VIA BELOTA/ VIA DIEGUENOS	ALPINE	ALPINE
<u>SUPERVISORIAL DISTRICT 5</u>				
5-A.	RADAR RECERTIFICATION	HARMONY GROVE RD	HARMONY GROVE	NA
5-B.	RADAR RECERTIFICATION	HARMONY GROVE RD	HARMONY GROVE	NA

2-A. Radar Recertification

Via Viejas/Via Belota/Via Dieguenos (1.9 miles)



SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE

COMMITTEE REPORT OF: September 8, 2017

Item 2-A

SUPERVISORIAL DISTRICT: 2

SUBJECT: Radar Recertification

LOCATION: Via Viejas/Via Belota/Via Dieguenos from South Grade Road easterly to Via Palo Verde Lago (a distance of 1.9 miles) ALPINE (Thos. Bros.1254-D1)

INITIATED BY: DPW Traffic Engineering

REQUEST: Radar Recertification of the Existing 35 MPH Speed Limit

PROBLEM AS STATED BY REQUESTER:

Preliminary review of prevailing speeds and roadway conditions could support radar recertification for the existing 35 MPH speed limit.

Existing Traffic Devices

Via Viejas/Via Belota/Via Dieguenos is a striped two-lane roadway that measures 32 feet wide. These roads are unclassified on the County General Plan Mobility Element Network. These roads are posted 35 MPH/Radar Enforced.

<u>Average Daily Traffic Volumes</u>		<u>03/17</u>	<u>01/11</u>	<u>03/03</u>
Via Viejas:				
E/o Nido Aguila		2,040	1,920	2,090
<u>Speed Data</u>		<u>85th Percentile</u>	<u>10 MPH Pace</u>	<u>% in Pace</u>
Via Viejas:				
500' W/o Palo Danzante	(2017)	35 MPH	27-36	83.0%
	(2010)	38 MPH	32-41	78.7%
Via Belota:				
560' N/o Via Viejas	(2017)	38 MPH	30-39	73.0%
Via Dieguenos:				
500' E/o Via Belota	(2017)	41 MPH	33-42	77.0%
	(2010)	38 MPH	30-39	75.2%
Overall Speed Zone	(2017)	37 MPH	28-37	72.0%

Collision Data

There have been three reported collisions, none of which involved injury along this segment of roadway in the last five years and seven months (01-01-12 to 07-31-17).

Spot Speed Study

Prepared by: National Data & Surveying Services

City of Alpine

DATE: 3/28/2017

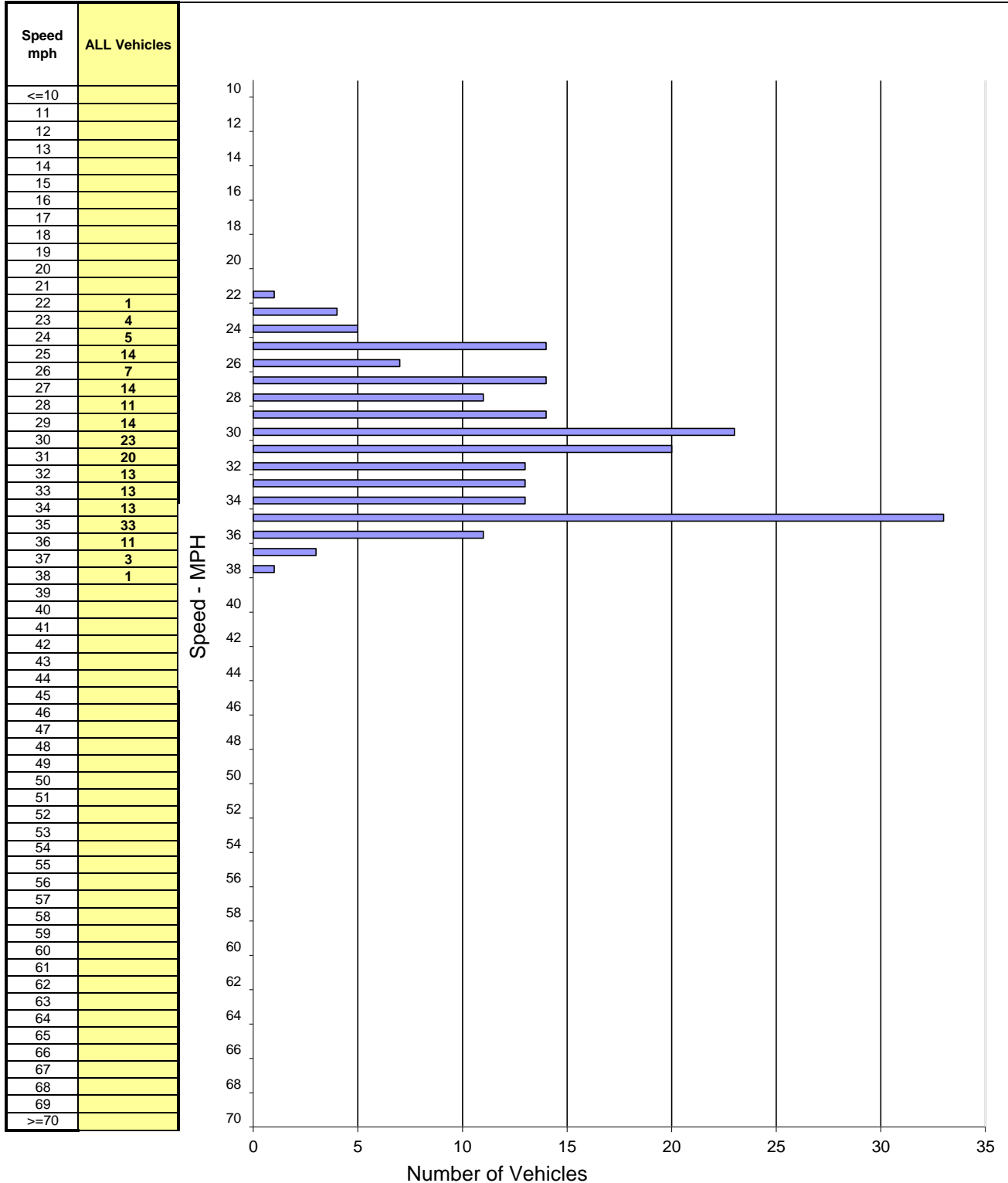
Location: Via Viejas 500' W/O Palo Danzante

TIME: 11:55-13:55

Posted Speed: 35 MPH Clear/Dry

Project #: 17-4089-003

Eastbound & Westbound Spot Speeds



SPEED PARAMETERS									
Class	Count	Range	50th Percentile	85th Percentile	10 MPH Pace	# in Pace	Percent in Pace	% / # Below Pace	% / # Above Pace
ALL	200	22 - 38	31 mph	35 mph	27 - 36	165	83%	15% / 31	2% / 4

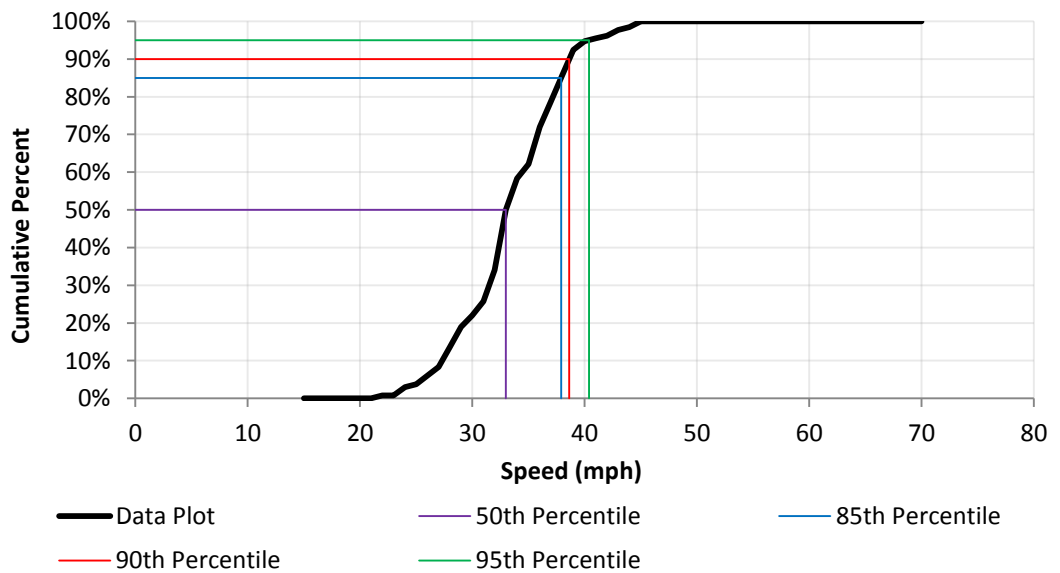
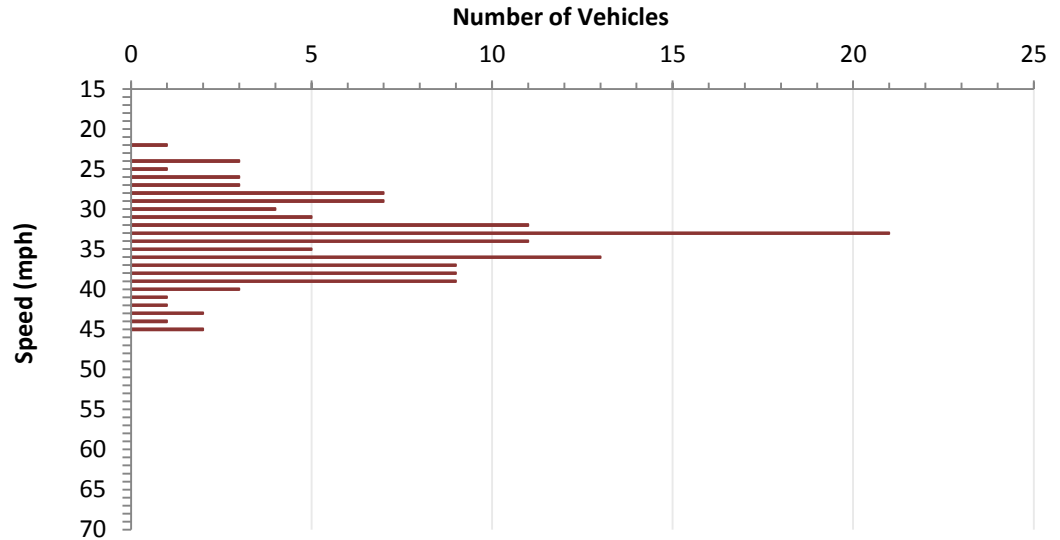


RADAR SPEED SURVEY

SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

Road Name:	Via Belota	From:	Via Viejas	To:	Via Diegueno
Position:	560' N/o Via Viejas	Direction:	NB/SB		
Date:	8/28/2017	Weather:	Clear	Project Number:	0
Time Start:	10:00 AM	Road Condition:	Dry	Observer:	Susan H/Patricia J
Time End:	12:00 AM	Posted Speed:	35 MPH	Calibration Test:	N

Speed (mph)	Num. Veh.	Cum. Pct.
15		
16		
17		
18		
19		
20		
21		
22	1	0.8%
23		
24	3	3.0%
25	1	3.8%
26	3	6.1%
27	3	8.3%
28	7	13.6%
29	7	18.9%
30	4	22.0%
31	5	25.8%
32	11	34.1%
33	21	50.0%
34	11	58.3%
35	5	62.1%
36	13	72.0%
37	9	78.8%
38	9	85.6%
39	9	92.4%
40	3	94.7%
41	1	95.5%
42	1	96.2%
43	2	97.7%
44	1	98.5%
45	2	100.0%
46		
47		
48		
49		
50		
51		
52		
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58		
59		
60		
61		
62		
63		
64		
65		
66		
67		
68		
69		
70		
Total	132	



DATA ANALYSIS

Average Speed	33.8	Range	22 - 45
50th Percentile	33.0	10 mph Pace	30 - 39
85th Percentile	37.9	Number in Pace	97
90th Percentile	38.6	Percent in Pace	73%
95th Percentile	40.4		

Spot Speed Study

Prepared by: National Data & Surveying Services

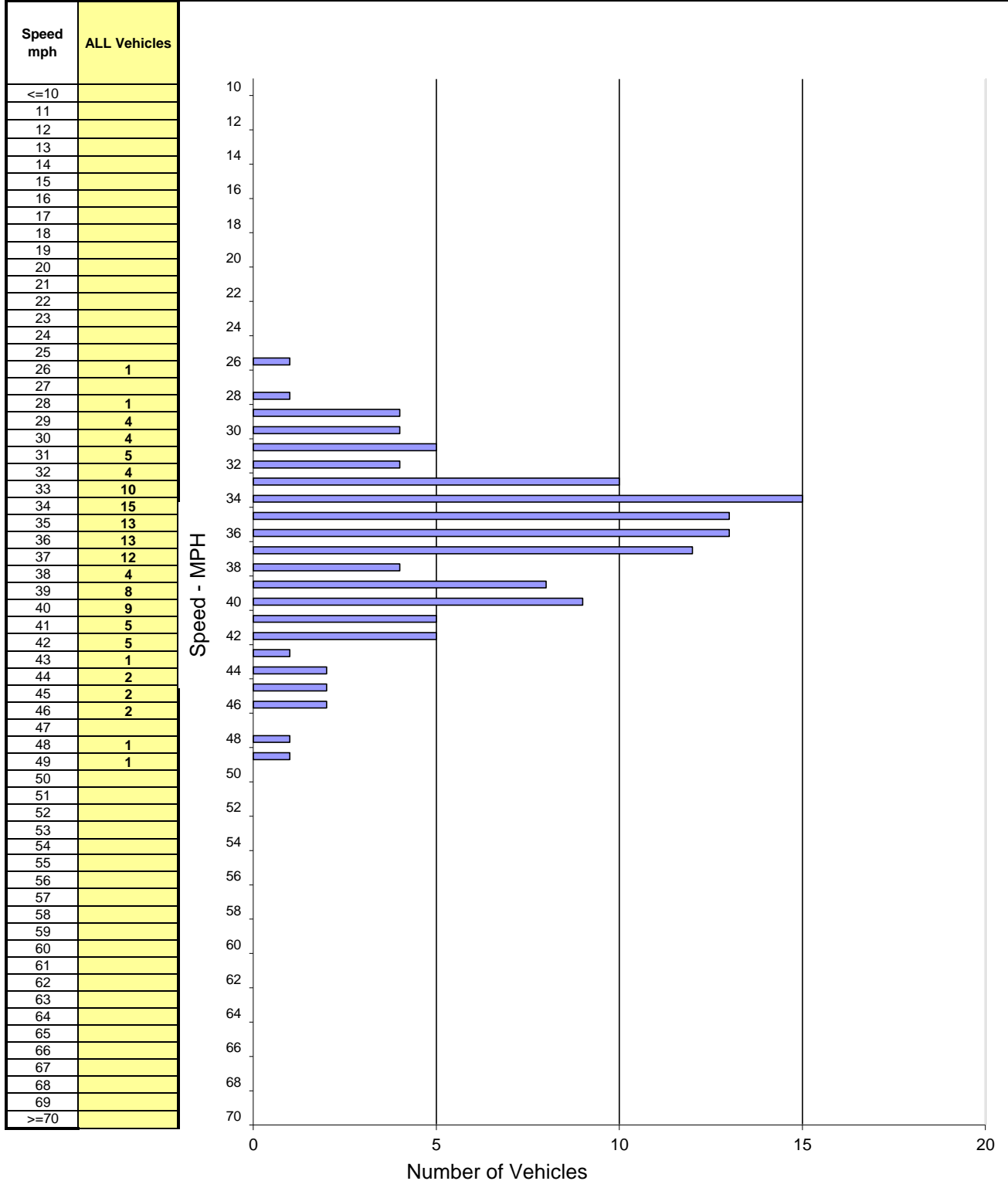
City of Alpine

DATE: 3/28/2017
TIME: 09:50-11:50

Location: Via Dieguenos 500' E/O Via Belota
Posted Speed: 35 MPH Clear/Dry

Project #: 17-4089-002

Eastbound & Westbound Spot Speeds



SPEED PARAMETERS									
Class	Count	Range	50th Percentile	85th Percentile	10 MPH Pace	# in Pace	Percent in Pace	% / # Below Pace	% / # Above Pace
ALL	122	26 - 49	36 mph	41 mph	33 - 42	94	77%	15% / 19	8% / 9



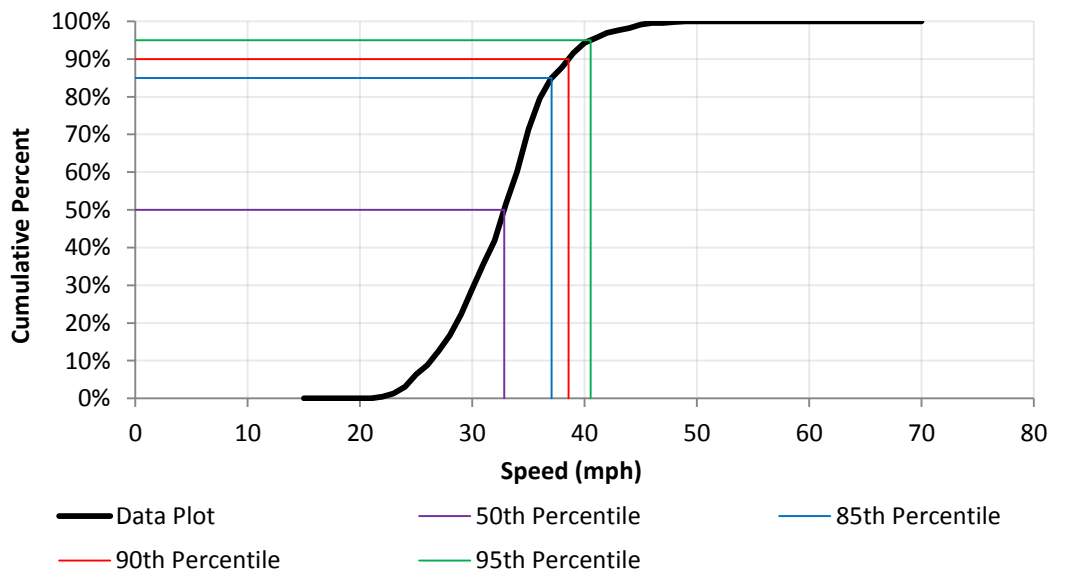
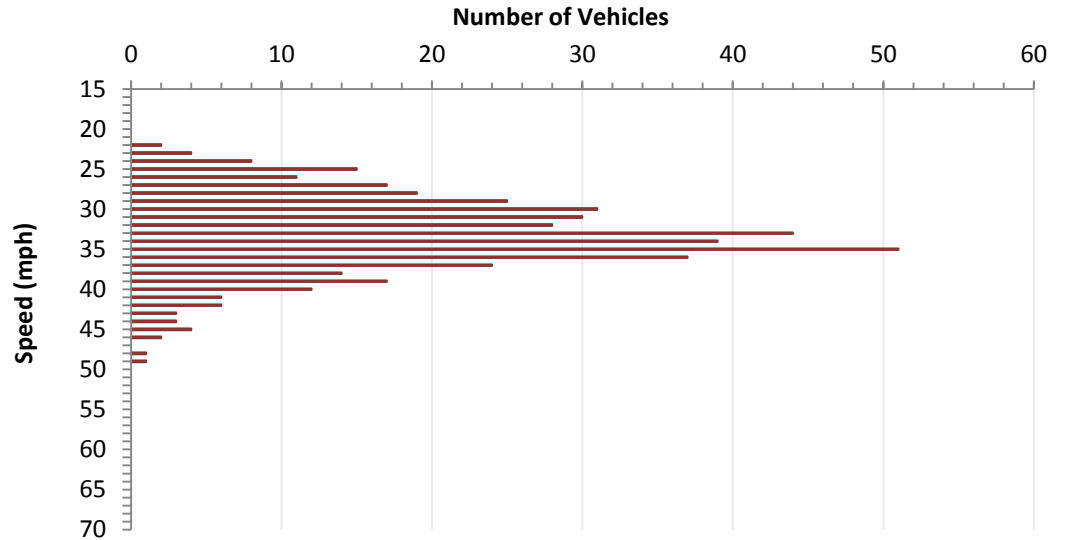
RADAR SPEED SURVEY

SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

Road Name:	V. Viejas/V/Belota/V	From:	South Grade Road	To:	Via Palo Verde Lago
Position:	0	Direction:	EB/WB		

Date:	3/28/2017	Weather:	Clear	Project Number:	0
Time Start:	9:50 AM	Road Condition:	Dry	Observer:	Contractor
Time End:	11:50 AM	Posted Speed:	35 MPH	Calibration Test:	Y

Speed (mph)	Num. Veh.	Cum. Pct.
15		
16		
17		
18		
19		
20		
21		
22	2	0.4%
23	4	1.3%
24	8	3.1%
25	15	6.4%
26	11	8.8%
27	17	12.6%
28	19	16.7%
29	25	22.2%
30	31	29.1%
31	30	35.7%
32	28	41.9%
33	44	51.5%
34	39	60.1%
35	51	71.4%
36	37	79.5%
37	24	84.8%
38	14	87.9%
39	17	91.6%
40	12	94.3%
41	6	95.6%
42	6	96.9%
43	3	97.6%
44	3	98.2%
45	4	99.1%
46	2	99.6%
47		
48	1	99.8%
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	454	



DATA ANALYSIS

Average Speed	33.1	Range	22 - 49
50th Percentile	32.8	10 mph Pace	28 - 37
85th Percentile	37.1	Number in Pace	328
90th Percentile	38.6	Percent in Pace	72%
95th Percentile	40.6		

5-A. Radar Recertification

Harmony Grove Rd from Kauana Loa Dr to
250 feet west of mile post 6.5 (2.5 miles)



SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE

COMMITTEE REPORT OF: September 8, 2017

Item 5-A

SUPERVISORIAL DISTRICT: 5

SUBJECT: Radar Recertification

LOCATION: Harmony Grove Road from Kauana Loa Drive westerly to a point 250 feet west of Mile Post 6.5 (a distance of 2.5 miles) HARMONY GROVE (Thos. Bros. 1129-C6)

INITIATED BY: DPW Traffic Engineering

REQUEST: Radar Recertification of the Existing 40 MPH Speed Limit

PROBLEM AS STATED BY REQUESTER:

Preliminary review of prevailing speeds and roadway conditions could support radar recertification for the existing 40 MPH speed limit.

Existing Traffic Devices

Harmony Grove Road is a striped two-lane roadway that varies from 23 feet to 25 feet wide. There is edge-striping on both sides of the roadway. This roadway is classified as a Collector Road on the County General Plan Mobility Element Network. The road is posted 40 MPH/Radar Certified. (NOTE: Harmony Grove Road, the adjacent westerly segment, is posted 45 MPH/Radar Certified)

<u>Average Daily Traffic Volumes</u>	<u>3/17</u>	<u>9/10</u>	<u>8/02</u>
Harmony Grove Road:			
W/o Kauana Loa Drive	3,175	3,160	4,340
W/o Country Club Drive	5,555	3,260	4,850
<u>Spot Speed Data</u>	<u>85th Percentile</u>	<u>10 MPH Pace</u>	<u>% in Pace</u>
Harmony Grove Road:			
1,520' E/o Mile Post 7	(2017) 42 MPH	34-43	94 %
	(2010) 47 MPH	37-46	66.7%

Collision Data

There have been 32 reported collisions, 17 that involved injury, along this segment of roadway in the last five years and seven months (01-01-12 to 07-31-17).

Spot Speed Study

Prepared by: National Data & Surveying Services

City of Escondido

DATE: 3/27/2017

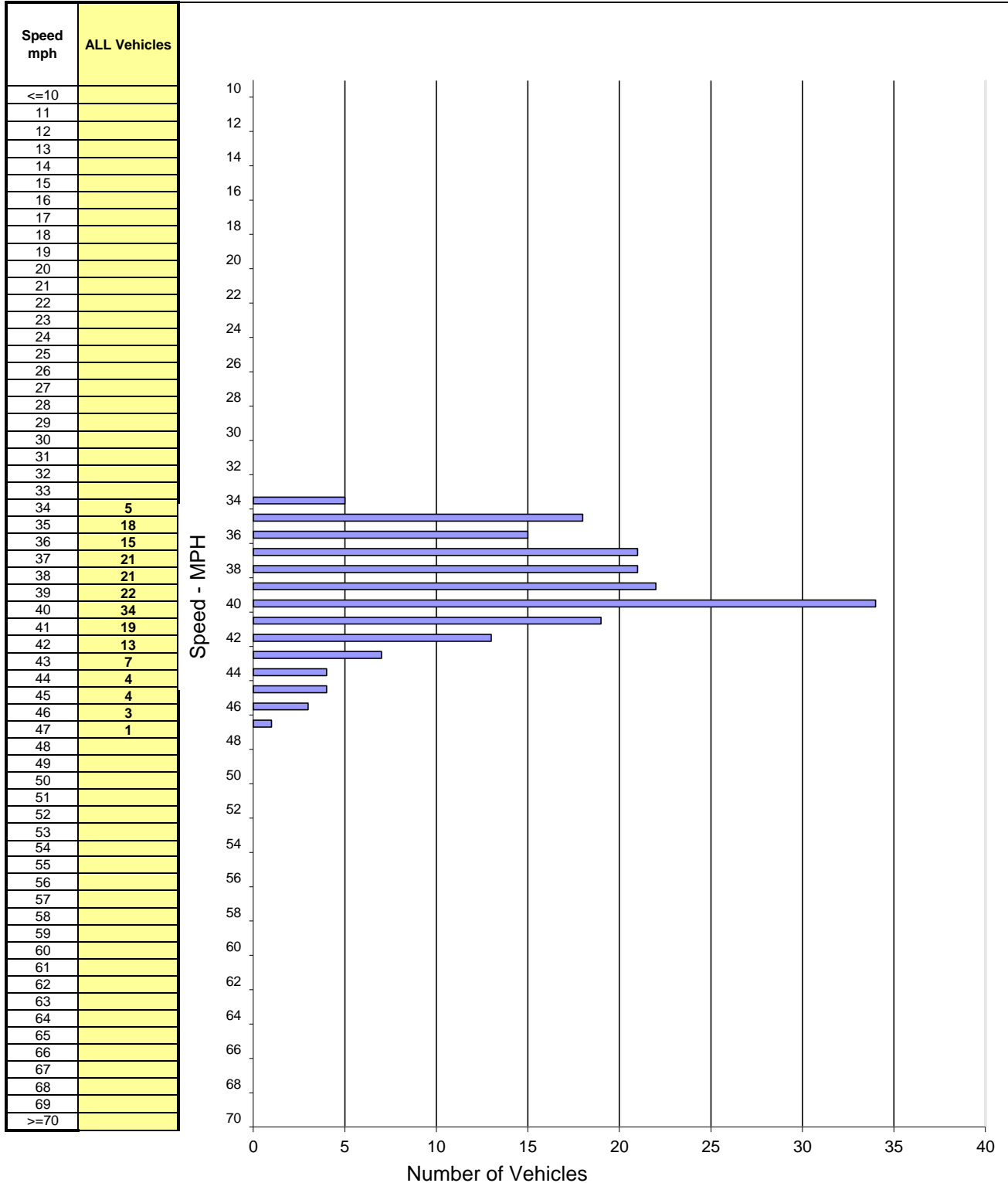
TIME: 13:00-15:00

Location: Harmony Grove Rd 1520' E/O MP 7.0

Posted Speed: 40 MPH Clear/Dry

Project #: 17-4089-001

Eastbound & Westbound Spot Speeds



SPEED PARAMETERS									
Class	Count	Range	50th Percentile	85th Percentile	10 MPH Pace	# in Pace	Percent in Pace	% / # Below Pace	% / # Above Pace
ALL	187	34 - 47	39 mph	42 mph	34 - 43	175	94%	0% / 0	7% / 12

5-B. Radar Recertification

Harmony Grove Rd from 250 feet west of mile post 6.5 to Elfin Forest Rd (1.9 miles)



SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE

COMMITTEE REPORT OF: September 8, 2017 **Item 5-B**

SUPERVISORIAL DISTRICT: 5

SUBJECT: Radar Recertification

LOCATION: Harmony Grove Road from a point 250 feet west of Mile Post 6.5 westerly to Elfin Forest Road (a distance of 1.9 miles) HARMONY GROVE (Thos. Bros. 1148-J1)

INITIATED BY: DPW Traffic Engineering

REQUEST: Radar Recertification of the Existing 45 MPH Speed Limit

PROBLEM AS STATED BY REQUESTER:

Preliminary review of prevailing speeds and roadway conditions could support radar recertification for the existing 45 MPH speed limit.

Existing Traffic Devices

Harmony Grove Road is a striped two-lane roadway that varies from 23 feet to 25 feet wide. There is edge-striping on both sides of the roadway. This roadway is classified as a Collector Road on the County General Plan Mobility Element Network. The road is posted 45 MPH/Radar Certified. (NOTE: Harmony Grove Road, the adjacent easterly segment, is posted 40 MPH/Radar Certified).

<u>Average Daily Traffic Volumes</u>	<u>3/17</u>	<u>9/10</u>	<u>8/02</u>
Harmony Grove Road:			
W/o Kauana Loa Drive	3,175	3,160	4,340
W/o Country Club Drive	5,555	3,260	4,850

<u>Spot Speed Data</u>		<u>85th Percentile</u>	<u>10 MPH Pace</u>	<u>% in Pace</u>
Harmony Grove Road:				
1,700' E/o Mile Post 6	(2017)	45 MPH	36-45	92%
	(2010)	48 MPH	37-46	63.5%
390' E/o Mile Post 5	(2017)	48 MPH	40-49	89%
	(2010)	48 MPH	38-47	63.8%

Collision Data

There have been 28 reported collisions, 22 that involved injury, along this segment of roadway in the last five years seven months (01-01-12 to 7-31-17).

Prepared by: National Data & Surveying Services

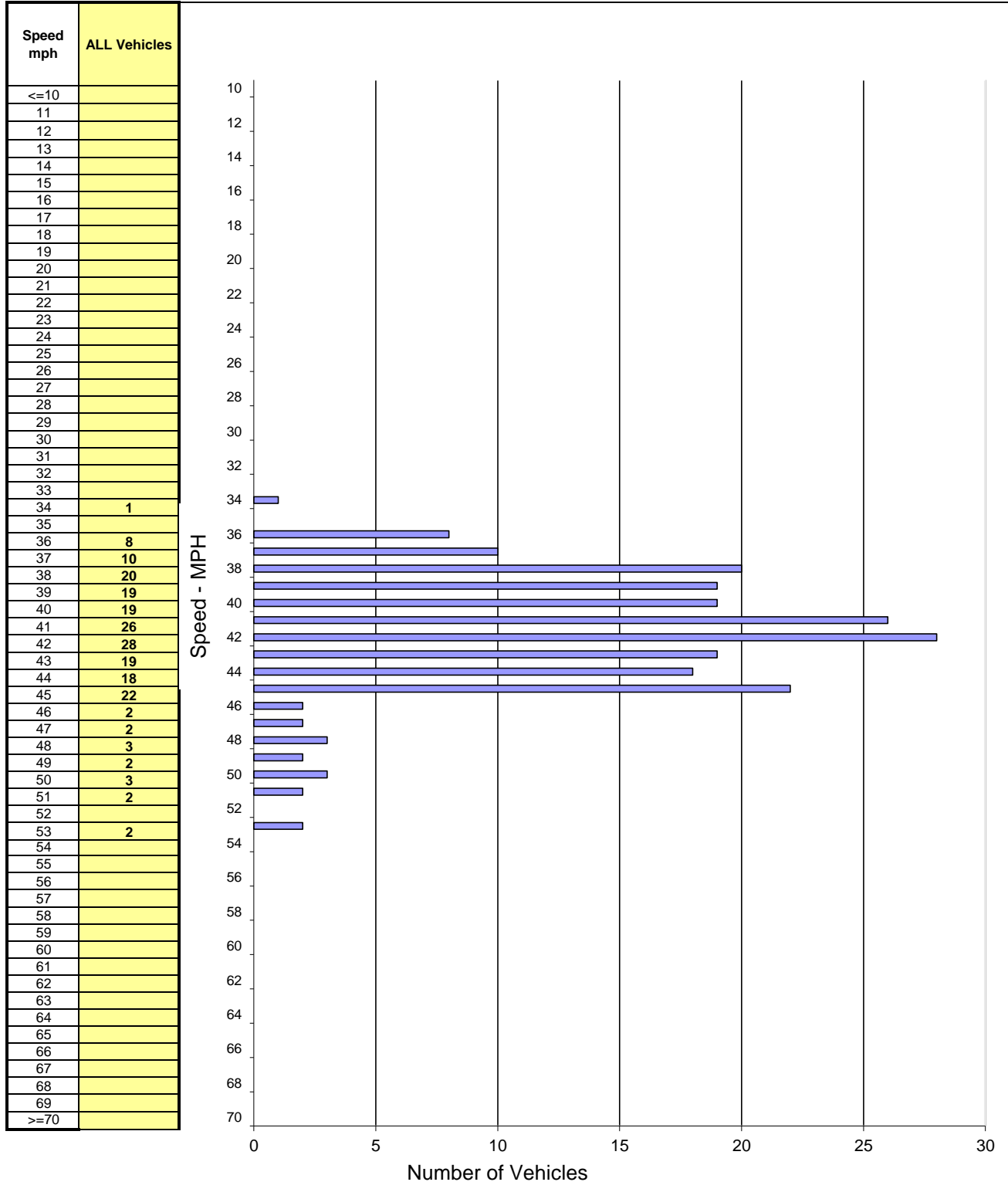
City of Escondido

DATE: 3/27/2017
TIME: 11:00-13:00

Location: Harmony Grove Rd 1700' E/O MP 6.0
Posted Speed: 45 MPH Clear/Dry Proj

Project #: 17-4089-004

Eastbound & Westbound Spot Speeds



SPEED PARAMETERS										
Class	Count	Range	50th Percentile	85th Percentile	10 MPH Pace	# in Pace	Percent Pace	in	% / # Below Pace	% / # Above Pace
ALL	206	34 - 53	41 mph	45 mph	36 - 45	189	92%		0% / 1	8% / 16

Spot Speed Study

Prepared by: National Data & Surveying Services

City of Escondido

DATE: 3/27/2017

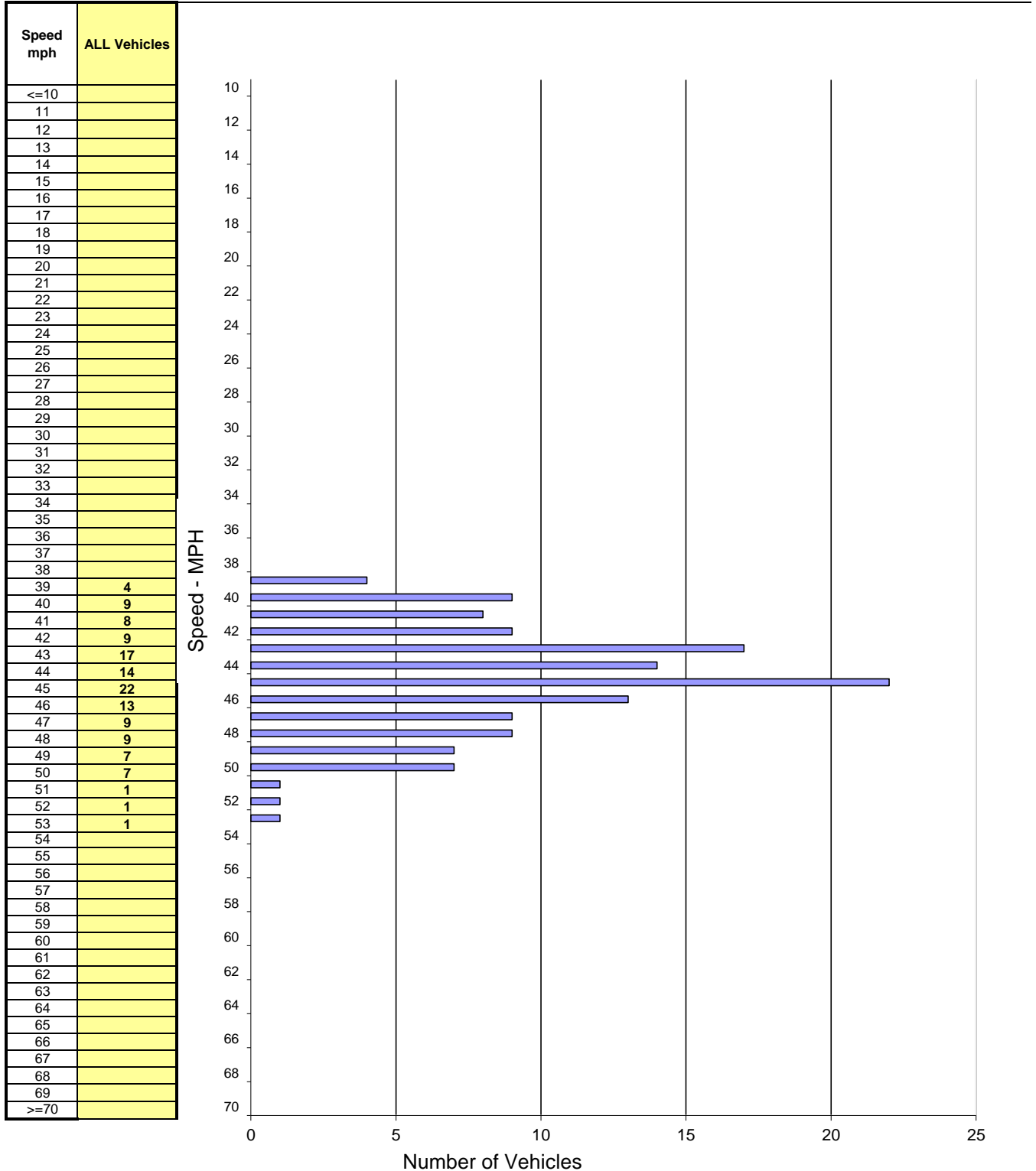
Location: Harmony Grove Rd 390' E/O MP 5.0

TIME: 09:00-11:00

Posted Speed: 45 MPH Clear/Dry

Project #: 17-4089-005

Eastbound & Westbound Spot Speeds



SPEED PARAMETERS									
Class	Count	Range	50th Percentile	85th Percentile	10 MPH Pace	# in Pace	Percent in Pace	% / # Below Pace	% / # Above Pace
ALL	131	39 - 53	45 mph	48 mph	40 - 49	117	89%	3% / 4	8% / 10



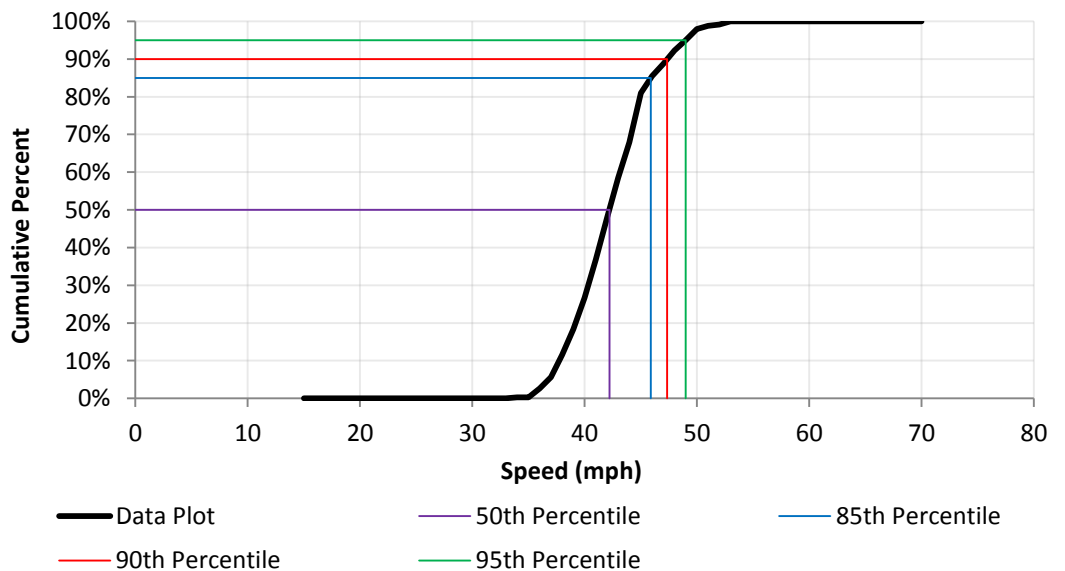
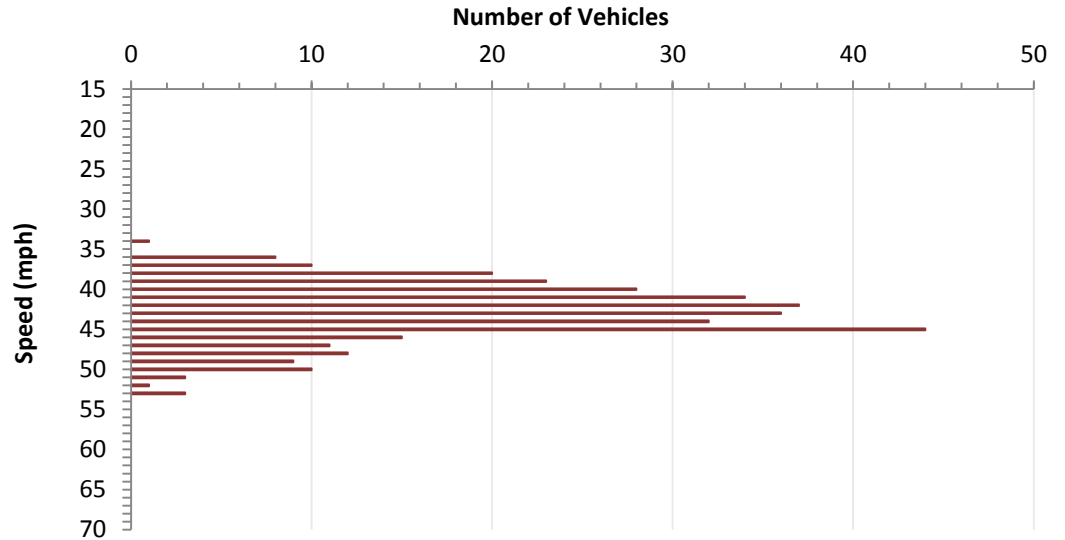
RADAR SPEED SURVEY

SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

Road Name:	Harmony Grove Rd	From:	250' WO MP 6.5	To:	Elfin Forest Road
Position:	0	Direction:	EB/WB		

Date:	3/27/2017	Weather:	Clear	Project Number:	0
Time Start:	9:00 AM	Road Condition:	Dry	Observer:	Contractor
Time End:	1:00 PM	Posted Speed:	45 MPH	Calibration Test:	N

Speed (mph)	Num. Veh.	Cum. Pct.
15		
16		
17		
18		
19		
20		
21		
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23		
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25		
26		
27		
28		
29		
30		
31		
32		
33		
34	1	0.3%
35		
36	8	2.7%
37	10	5.6%
38	20	11.6%
39	23	18.4%
40	28	26.7%
41	34	36.8%
42	37	47.8%
43	36	58.5%
44	32	68.0%
45	44	81.0%
46	15	85.5%
47	11	88.7%
48	12	92.3%
49	9	95.0%
50	10	97.9%
51	3	98.8%
52	1	99.1%
53	3	100.0%
54		
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59		
60		
61		
62		
63		
64		
65		
66		
67		
68		
69		
70		
Total	337	



DATA ANALYSIS

Average Speed	42.9	Range	34 - 53
50th Percentile	42.2	10 mph Pace	38 - 47
85th Percentile	45.9	Number in Pace	280
90th Percentile	47.4	Percent in Pace	83%
95th Percentile	49.0		