

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

October 22, 2018

TO: Community Planning/Sponsor Group Chairpersons

FROM: Secretary, Traffic Advisory Committee

MEETING NOTICE

Attached is the preliminary agenda for the October 26, 2018, meeting of the Traffic Advisory Committee (TAC). The meeting will begin at 9:00 AM in the following location:

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

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

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

Very truly yours,

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

KRJ:sh

Attachment



SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE

October 26, 2018 ~ 9:00 AM

5510 Overland Ave, Room 271

San Diego CA, 92123

AGENDA

- I. Call to Order / Roll Call**
- II. Pledge of Allegiance**
- III. Items for Review**

SUBJECT	LOCATION	AREA	PLANNING/ SPONSOR GROUP
<u>SUPERVISORIAL DISTRICT 1</u>			
1-A. SPEED LIMIT	PROCTOR VALLEY ROAD	BONITA	SWEETWATER
<u>SUPERVISORIAL DISTRICT 2</u>			
2-A. SPEED LIMIT	HAWLEY ROAD	BLOSSOM VALLEY	LAKESIDE
2-B. TEMPORARY ROAD CLOSURE	MAST BOULEVARD	LAKESIDE	LAKESIDE
<u>SUPERVISORIAL DISTRICT 5</u>			
5-A. SPEED LIMIT	VESPER ROAD	VALLEY CENTER	VALLEY CENTER

SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE

COMMITTEE REPORT OF: October 26, 2018 **Item 1-A**

SUPERVISORIAL DISTRICT: 1

SUBJECT: Speed Limit

LOCATION: Proctor Valley Road from San Miguel Road to the Chula Vista city limit (near San Miguel Ranch Road) (0.50 miles) SWEETWATER (Thos. Bros. 1291-B7)

INITIATED BY: DPW Traffic Engineering

REQUEST: Speed Limit Review

PROBLEM AS STATED BY REQUESTER:

Proctor Valley Road from San Miguel Road to the Chula Vista city limit (105' north of San Miguel Ranch Rd) has no posted speed limit. Preliminary review of prevailing speeds and roadway conditions could support radar certification for a 35 MPH speed limit.

Existing Traffic Devices

Proctor Valley Road is a striped two-lane roadway 24 feet in width. Proctor Valley Road from San Miguel Rd to Chula Vista city limit is unclassified on the County General Plan Mobility Element Network with no posted speed limit and a 25MPH curve advisory sign on either side of the reverse curve between San Miguel Rd and Bonita Meadows Ln.

Average Daily Traffic Volumes

7/18

Proctor Valley Rd:

1000' N/o San Miguel Ranch Rd	7,065
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Speed Data

85th
Percentile

10 MPH
Pace

% in
Pace

Proctor Valley Road:

1000' N/o San Miguel Ranch Rd (2018)	39.5 MPH	31-40	80.0%
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Collision Data

There have been 10 reported collisions along this segment of roadway, 5 of which involved injury, in a 5 year period (7-2-13 to 7-1-18). These collisions result in a segment accident rate of 1.55 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 between 45-55 mph.



County of San Diego

RICHARD E. CROMPTON
DIRECTOR

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(858) 694-2212 FAX: (858) 694-3597
Web Site: www.sdcountry.ca.gov/dpw/

COUNTY TRAFFIC ENGINEER RECOMMENDATION

Date: October 15, 2018

Item Title: Speed Limit and Radar Certification

Location: Proctor Valley Road from San Miguel Ranch Road to San Miguel Road

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

Conditions:

- Section 22358 of the California Vehicle Code authorizes a local agency to determine upon the basis of an Engineering and Traffic Survey (E&TS) that the speed limit of 65 miles per hour (mph) is more than is reasonable or safe, the agency may declare a prima facie speed limit of 60, 55, 50, 45, 40, 35, 30, or 25 mph, whichever is found most appropriate and is reasonable and safe.
- Section 2B.13 "Speed Limit Sign (R2-1)" of the California MUTCD, provides that an E&TS shall include a) prevailing speeds, b) collision records, and c) highway, traffic and roadside conditions that are not apparent to a driver.
- The California Manual on Uniform Traffic Control Devices stipulates that speed limits are usually set at the 5 mph increment above or below the prevailing (85th percentile) speed of motorists.
- Proctor Valley Road is a two-lane roadway with, a curvilinear section and limited shoulder throughout its length of 0.5 miles. Its pavement width varies between 22' and 30 feet in width with a striped center line. The area is used heavily by equestrians.
- Recent speed survey on Proctor Valley Road taken in July 2018 resulted in an overall prevailing speed of 39.5 mph, which supports a speed limit of 35 mph using radar for speed enforcement.

- A review of the roadway collision data for a five-year period (July 2013 to July 2018) shows a total of 10 collisions on Proctor Valley Road with a collision rate of 1.55 collisions per million-vehicle-mile (c/mvm) compared to a state average of 1.19 c/mvm for similar roadway.
- Pursuant to CVC section 22358 coupled with above conditions on Proctor Valley Road and the guidance of the CA MUTCD section 2B.13, a 35 mph radar enforced speed limit on Proctor Valley Road from San Miguel Ranch Road to San Miguel Road is reasonable and safe.

VOLUME

Proctor Valley Rd 1000' N/O San Miguel Ranch Rd

Day: Thursday
Date: 7/12/2018

City: Bonita
Project #: CA18_4249_001

DAILY TOTALS					NB	SB						EB	WB	Total	
					3,125	3,938						0	0	7,063	
AM Period	NB	SB	EB	WB	TOTAL		PM Period	NB	SB	EB	WB	TOTAL			
00:00	7	14	0	0	21		12:00	36	50	0	0	86			
00:15	4	13	0	0	17		12:15	46	47	0	0	93			
00:30	5	3	0	0	8		12:30	26	44	0	0	70			
00:45	4	20	9	39	0	0	12:45	41	149	59	200	0	0	100	349
01:00	1	3	0	0	4		13:00	47	47	0	0	94			
01:15	1	7	0	0	8		13:15	43	61	0	0	104			
01:30	4	4	0	0	8		13:30	37	52	0	0	89			
01:45	2	8	7	21	0	0	13:45	36	163	58	218	0	0	94	381
02:00	3	0	0	0	3		14:00	34	49	0	0	83			
02:15	3	5	0	0	8		14:15	41	54	0	0	95			
02:30	0	2	0	0	2		14:30	34	75	0	0	109			
02:45	3	9	1	8	0	0	14:45	51	160	70	248	0	0	121	408
03:00	0	3	0	0	3		15:00	61	70	0	0	131			
03:15	5	1	0	0	6		15:15	50	79	0	0	129			
03:30	3	6	0	0	9		15:30	65	85	0	0	150			
03:45	6	14	8	18	0	0	15:45	55	231	87	321	0	0	142	552
04:00	7	3	0	0	10		16:00	69	76	0	0	145			
04:15	6	1	0	0	7		16:15	50	88	0	0	138			
04:30	17	4	0	0	21		16:30	68	96	0	0	164			
04:45	13	43	4	12	0	0	16:45	53	240	106	366	0	0	159	606
05:00	21	3	0	0	24		17:00	54	106	0	0	160			
05:15	34	9	0	0	43		17:15	52	101	0	0	153			
05:30	42	9	0	0	51		17:30	51	120	0	0	171			
05:45	43	140	14	35	0	0	17:45	39	196	102	429	0	0	141	625
06:00	46	18	0	0	64		18:00	59	83	0	0	142			
06:15	54	19	0	0	73		18:15	34	83	0	0	117			
06:30	60	21	0	0	81		18:30	46	76	0	0	122			
06:45	58	218	29	87	0	0	18:45	44	183	83	325	0	0	127	508
07:00	48	30	0	0	78		19:00	36	83	0	0	119			
07:15	46	40	0	0	86		19:15	48	84	0	0	132			
07:30	53	46	0	0	99		19:30	38	76	0	0	114			
07:45	50	197	49	165	0	0	19:45	28	150	64	307	0	0	92	457
08:00	55	34	0	0	89		20:00	45	54	0	0	99			
08:15	46	39	0	0	85		20:15	32	64	0	0	96			
08:30	47	37	0	0	84		20:30	15	50	0	0	65			
08:45	61	209	46	156	0	0	20:45	31	123	56	224	0	0	87	347
09:00	48	41	0	0	89		21:00	29	51	0	0	80			
09:15	43	40	0	0	83		21:15	22	36	0	0	58			
09:30	52	41	0	0	93		21:30	22	46	0	0	68			
09:45	35	178	35	157	0	0	21:45	16	89	28	161	0	0	44	250
10:00	38	17	0	0	55		22:00	22	30	0	0	52			
10:15	53	35	0	0	88		22:15	15	29	0	0	44			
10:30	37	42	0	0	79		22:30	17	19	0	0	36			
10:45	29	157	30	124	0	0	22:45	14	68	18	96	0	0	32	164
11:00	28	30	0	0	58		23:00	6	21	0	0	27			
11:15	37	39	0	0	76		23:15	15	14	0	0	29			
11:30	36	43	0	0	79		23:30	7	15	0	0	22			
11:45	43	144	42	154	0	0	23:45	8	36	17	67	0	0	25	103
TOTALS	1337	976				2313	TOTALS	1788	2962				4750		
SPLIT %	57.8%	42.2%				32.7%	SPLIT %	37.6%	62.4%				67.3%		

DAILY TOTALS					NB	SB						EB	WB	Total
					3,125	3,938						0	0	7,063
AM Peak Hour	06:15	11:45			07:15	PM Peak Hour	15:45	16:45			16:45			
AM Pk Volume	220	183			373	PM Pk Volume	242	433			643			
Pk Hr Factor	0.917	0.915			0.942	Pk Hr Factor	0.877	0.902			0.940			
7 - 9 Volume	406	321	0	0	727	4 - 6 Volume	436	795	0	0	1231			
7 - 9 Peak Hour	08:00	07:15			07:15	4 - 6 Peak Hour	16:00	16:45			16:45			
7 - 9 Pk Volume	209	169	0	0	373	4 - 6 Pk Volume	240	433	0	0	643			
Pk Hr Factor	0.857	0.862	0.000	0.000	0.942	Pk Hr Factor	0.870	0.902	0.000	0.000	0.940			



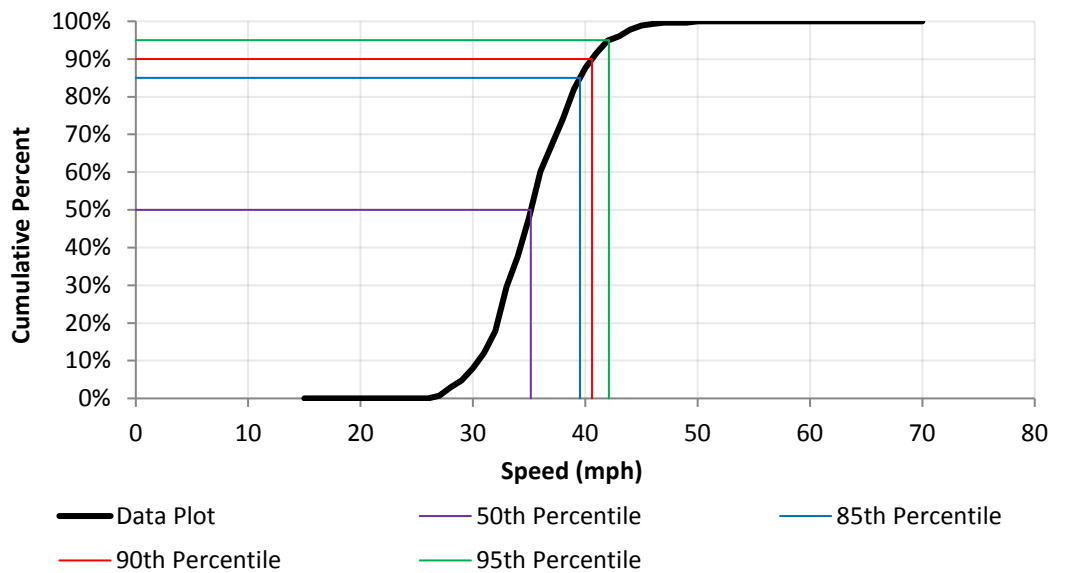
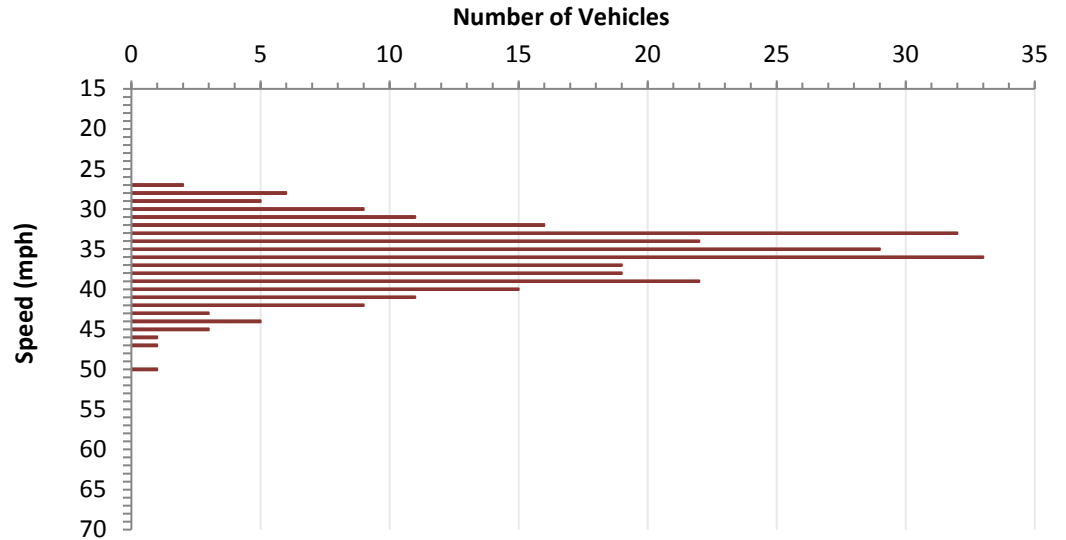
RADAR SPEED SURVEY

SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

Road Name:	Proctor Valley Rd	From:	San Miguel Rd	To:	100' N/o San Miguel Ranch Rd
Position:	1000' N/o San Miguel Ranch Rd	Direction:	NB/SB		

Date:	7/10/2018	Weather:	Clear	Project Number:	18-4248-001
Time Start:	9:00 AM	Road Condition:	Dry	Observer:	Contractor
Time End:	11:00 AM	Posted Speed:	None	Calibration Test:	Y

Speed (mph)	Num. Veh.	Cum. Pct.
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		
26		
27	2	0.7%
28	6	2.9%
29	5	4.7%
30	9	8.0%
31	11	12.0%
32	16	17.9%
33	32	29.6%
34	22	37.6%
35	29	48.2%
36	33	60.2%
37	19	67.2%
38	19	74.1%
39	22	82.1%
40	15	87.6%
41	11	91.6%
42	9	94.9%
43	3	96.0%
44	5	97.8%
45	3	98.9%
46	1	99.3%
47	1	99.6%
48		
49		
50	1	100.0%
51		
52		
53		
54		
55		
56		
57		
58		
59		
60		
61		
62		
63		
64		
65		
66		
67		
68		
69		
70		
Total	274	



DATA ANALYSIS

Average Speed	35.9	Range	27 - 50
50th Percentile	35.2	10 mph Pace	31 - 40
85th Percentile	39.5	Number in Pace	218
90th Percentile	40.6	Percent in Pace	80%
95th Percentile	42.1		

SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE

COMMITTEE REPORT OF: October 26, 2018

Item 2-A

SUPERVISORIAL DISTRICT: 2

SUBJECT: Speed Limit

LOCATION: Hawley Road between Olde Highway 80 and Creek Hills Road (1.59 miles) LAKESIDE (Thos. Bros. 1233-C3)

INITIATED BY: DPW Traffic Engineering

REQUEST: Speed Limit Review

PROBLEM AS STATED BY REQUESTER:

Hawley Road from Olde Highway 80 to 0.48 miles northerly is currently posted at 40 MPH Radar Enforced. Hawley Rd from 0.48 miles northerly of Olde Highway 80 to Creek Hills Rd is unposted. Preliminary review of prevailing speeds and roadway conditions could support radar certification for a 35 MPH speed limit.

Existing Traffic Devices

Hawley Road is a striped two-lane roadway, 20 to 40 feet in width. Hawley Road from Olde Highway 80 to Broad Oaks Rd is classified as a minor collector road on the County General Plan Mobility Element Network. Hawley Rd from Broad Oaks Rd to Creek Hills Rd is unclassified.

Average Daily Traffic Volumes

	<u>10/18</u>	<u>6/13</u>
Hawley Rd:		
N/o Olde Highway 80	1,602	1,510

<u>Speed Data</u>	<u>85th Percentile</u>	<u>10 MPH Pace</u>	<u>% in Pace</u>
Hawley Road:			
650' n/o Olde Highway 80 (2018)	41.9 MPH	33-42	81.0%
(2013)	40.0 MPH	28-37	62.0%
380' S/o Broad Oaks Rd (2018)	38.8 MPH	30-39	58.0%
Speed Zone (2018)	41.7 MPH	33-42	75.0%

Collision Data

There have been 6 reported collisions along this segment of roadway, 1 of which involved injury, in a 3 year period (7-2-15 to 7-1-18). These collisions result in a segment accident rate of 2.16 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 speed limit below 45.

2-A. Speed Limit

Hawley Rd from Olde Highway 80 to Creek Hills Rd (1.59 miles)





County of San Diego

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COUNTY TRAFFIC ENGINEER RECOMMENDATION

Date: October 18, 2018

Item Title: Speed Limit and Radar Certification

Location: Hawley Road from Olde Highway 80 to Creek Hills Road

CTE Recommendation: **Establish 35 MPH Radar Enforced Speed Limit** *EAO*

Conditions:

- Section 22358 of the California Vehicle Code authorizes a local agency to determine upon the basis of an Engineering and Traffic Survey (E&TS) that the speed limit of 65 miles per hour (mph) is more than is reasonable or safe, the agency may declare a prima facie speed limit of 60, 55, 50, 45, 40, 35, 30, or 25 mph, whichever is found most appropriate and is reasonable and safe.
- Section 2B.13 "Speed Limit Sign (R2-1)" of the California MUTCD, provides that an E&TS shall include a) prevailing speeds, b) collision records, and c) highway, traffic and roadside conditions that are not apparent to a driver.
- The California Manual on Uniform Traffic Control Devices stipulates that speed limits are usually set at the 5 mph increment above or below the prevailing (85th percentile) speed of motorists.
- Hawley Road is a two-lane roadway with, a curvilinear section and limited shoulder throughout its length of 1.6 miles. Its pavement width varies between 17 and 35 feet in width with a portion having a striped center line.
- Recent speed surveys on Hawley Road taken in October 2018 resulted in an overall prevailing speed of 41.7 mph, which supports a speed limit of 35 mph using radar for speed enforcement.
- A review of the roadway collision data for a three-year period (July 2015 to July 2018) shows a total of 6 collisions on Hawley Road with a collision rate

of 2.16 collisions per million-vehicle-mile (c/mvm) compared to a state average of 1.80 c/mvm for similar roadway.

- Pursuant to CVC section 22358 coupled with above conditions on Hawley Road and the guidance of the CA MUTCD section 2B.13, a 35 mph radar enforced speed limit on Hawley Road from Olde highway 80 to Creek Hills Road is reasonable and safe.

VOLUME

Hawley Rd 200' N/O Olde Hwy 80

Day: Thursday
Date: 10/11/2018City: Lakeside
Project #: CA18_4369_004

DAILY TOTALS					NB	SB						EB	WB	Total
					795	807						0	0	1,602
AM Period	NB	SB	EB	WB	TOTAL	PM Period	NB	SB	EB	WB	TOTAL			
00:00	4	2			6	12:00	14	12			26			
00:15	1	0			1	12:15	17	15			32			
00:30	2	0			2	12:30	12	14			26			
00:45	0	7	0	2	9	12:45	11	54	16	57	27	111		
01:00	2	0			2	13:00	16	12			28			
01:15	1	0			1	13:15	8	7			15			
01:30	0	2			2	13:30	14	11			25			
01:45	0	3	2	4	7	13:45	13	51	12	42	25	93		
02:00	1	0			1	14:00	15	21			36			
02:15	0	1			1	14:15	10	17			27			
02:30	3	1			4	14:30	17	13			30			
02:45	0	4	1	3	7	14:45	15	57	12	63	27	120		
03:00	2	0			2	15:00	12	13			25			
03:15	0	1			1	15:15	23	13			36			
03:30	2	1			3	15:30	19	15			34			
03:45	1	5	0	2	7	15:45	23	77	17	58	40	135		
04:00	1	3			4	16:00	20	8			28			
04:15	1	5			6	16:15	14	12			26			
04:30	0	4			4	16:30	17	16			33			
04:45	1	3	4	16	19	16:45	14	65	15	51	29	116		
05:00	0	7			7	17:00	14	19			33			
05:15	0	3			3	17:15	20	15			35			
05:30	0	8			8	17:30	15	11			26			
05:45	1	1	11	29	30	17:45	14	63	8	53	22	116		
06:00	1	19			20	18:00	18	15			33			
06:15	6	9			15	18:15	20	9			29			
06:30	6	16			22	18:30	17	15			32			
06:45	7	20	9	53	73	18:45	16	71	6	45	22	116		
07:00	9	10			19	19:00	10	10			20			
07:15	1	12			13	19:15	8	5			13			
07:30	7	16			23	19:30	11	3			14			
07:45	12	29	23	61	90	19:45	14	43	6	24	20	67		
08:00	12	11			23	20:00	8	10			18			
08:15	4	15			19	20:15	6	5			11			
08:30	12	24			36	20:30	11	3			14			
08:45	14	42	13	63	105	20:45	10	35	2	20	12	55		
09:00	10	12			22	21:00	7	1			8			
09:15	8	7			15	21:15	5	4			9			
09:30	6	13			19	21:30	5	1			6			
09:45	10	34	13	45	79	21:45	5	22	2	8	7	30		
10:00	10	23			33	22:00	3	0			3			
10:15	7	8			15	22:15	2	1			3			
10:30	9	11			20	22:30	4	1			5			
10:45	10	36	12	54	90	22:45	5	14	1	3	6	17		
11:00	8	10			18	23:00	6	0			6			
11:15	10	11			21	23:15	3	1			4			
11:30	13	13			26	23:30	1	2			3			
11:45	15	46	12	46	92	23:45	3	13	2	5	5	18		
TOTALS	230	378			608	TOTALS	565	429			994			
SPLIT %	37.8%	62.2%			38.0%	SPLIT %	56.8%	43.2%			62.0%			

DAILY TOTALS					NB	SB						EB	WB	Total
					795	807						0	0	1,602
AM Peak Hour	11:30	07:45			07:45	PM Peak Hour	15:15	16:30			15:15			
AM Pk Volume	59	73			113	PM Pk Volume	85	65			138			
Pk Hr Factor	0.868	0.760			0.785	Pk Hr Factor	0.924	0.855			0.863			
7 - 9 Volume	71	124	0	0	195	4 - 6 Volume	128	104	0	0	232			
7 - 9 Peak Hour	08:00	07:45			07:45	4 - 6 Peak Hour	16:00	16:30			16:30			
7 - 9 Pk Volume	42	73	0	0	113	4 - 6 Pk Volume	65	65	0	0	130			
Pk Hr Factor	0.750	0.760	0.000	0.000	0.785	Pk Hr Factor	0.813	0.855	0.000	0.000	0.929			



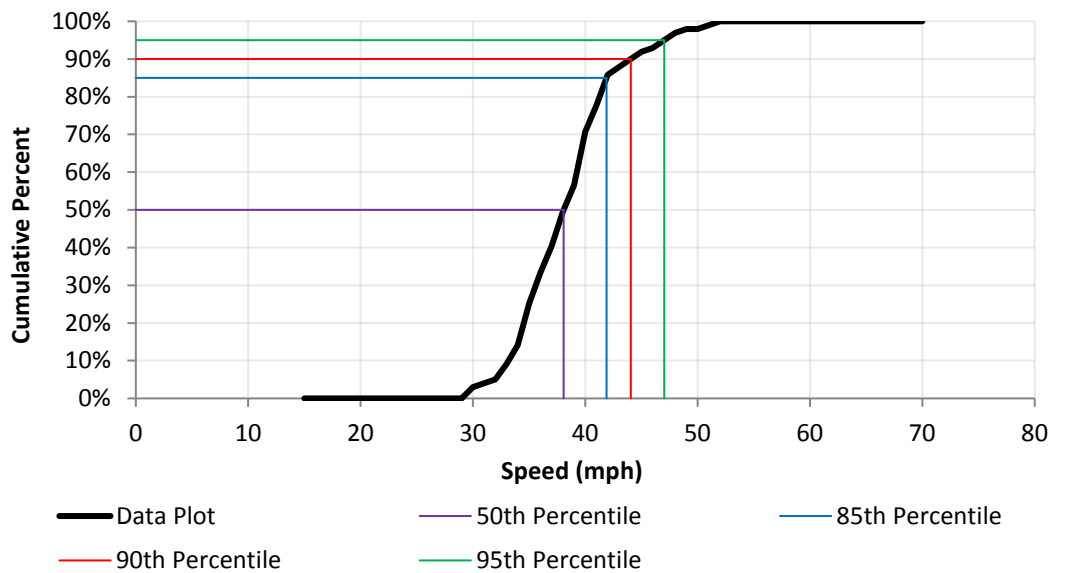
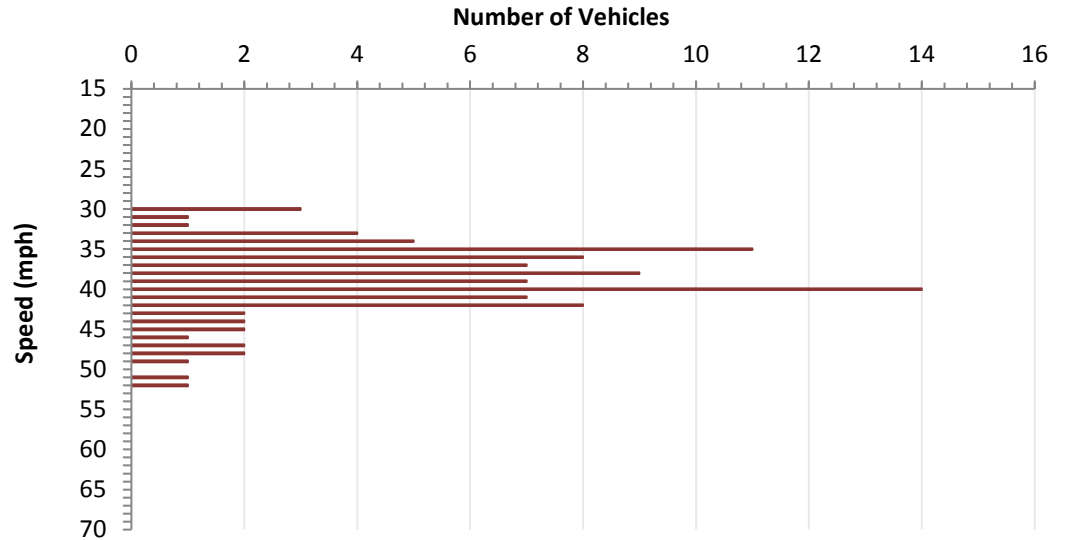
RADAR SPEED SURVEY

SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

Road Name:	Hawley Rd	From:	Olde Highway 80	To:	Creek Hills Rd
Position:	650' N/o Olde Hwy 80	Direction:	NB/SB		

Date:	10/10/2018	Weather:	Clear	Project Number:	18-4370-002
Time Start:	9:00 AM	Road Condition:	Dry	Observer:	Contractor
Time End:	11:00 AM	Posted Speed:	40 MPH	Calibration Test:	0

Speed (mph)	Num. Veh.	Cum. Pct.
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		
26		
27		
28		
29		
30	3	3.0%
31	1	4.0%
32	1	5.1%
33	4	9.1%
34	5	14.1%
35	11	25.3%
36	8	33.3%
37	7	40.4%
38	9	49.5%
39	7	56.6%
40	14	70.7%
41	7	77.8%
42	8	85.9%
43	2	87.9%
44	2	89.9%
45	2	91.9%
46	1	92.9%
47	2	94.9%
48	2	97.0%
49	1	98.0%
50		
51	1	99.0%
52	1	100.0%
53		
54		
55		
56		
57		
58		
59		
60		
61		
62		
63		
64		
65		
66		
67		
68		
69		
70		
Total	99	



DATA ANALYSIS

Average Speed	38.8	Range	30 - 52
50th Percentile	38.1	10 mph Pace	33 - 42
85th Percentile	41.9	Number in Pace	80
90th Percentile	44.1	Percent in Pace	81%
95th Percentile	47.0		



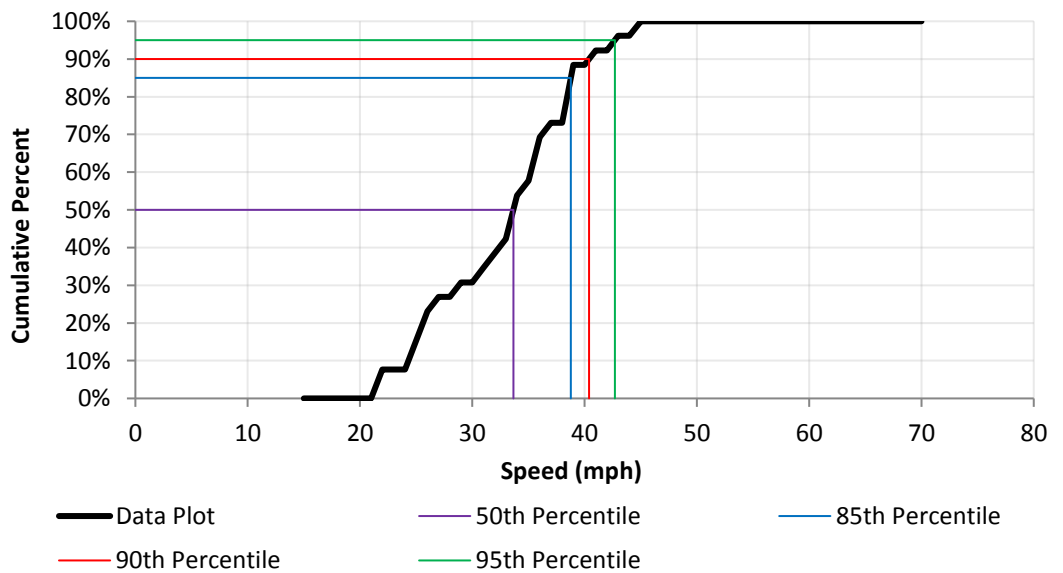
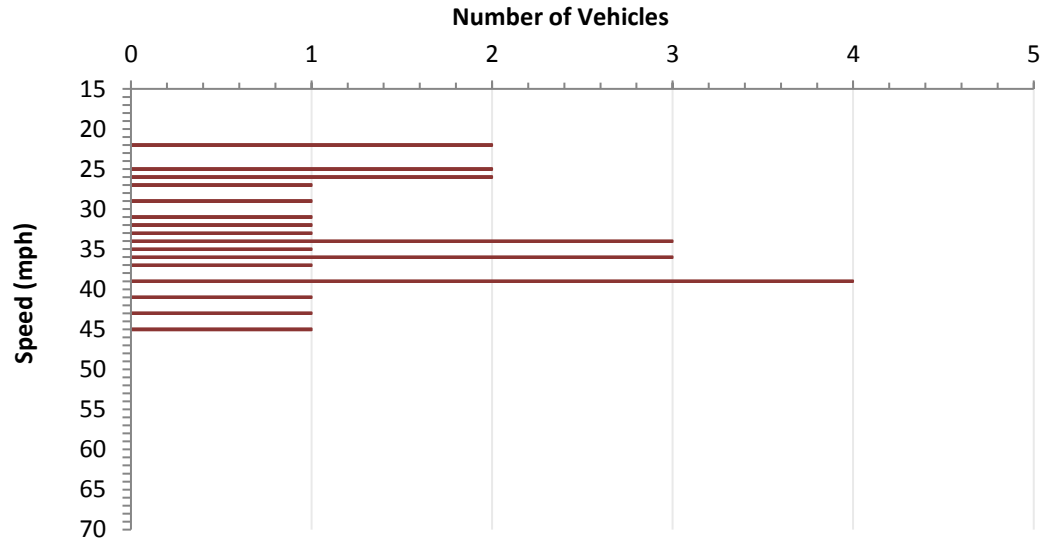
RADAR SPEED SURVEY

SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

Road Name:	Hawley Rd	From:	0	To:	0
Position:	380 ft S/o Broad Oaks Rd	Direction:	NB/SB		

Date:	10/17/2018	Weather:	Clear	Project Number:	0
Time Start:	9:35am	Road Condition:	DRY	Observer:	Tricia Jenny
Time End:	11:35am	Posted Speed:	0	Calibration Test:	N

Speed (mph)	Num. Veh.	Cum. Pct.
15		
16		
17		
18		
19		
20		
21		
22	2	7.7%
23		
24		
25	2	15.4%
26	2	23.1%
27	1	26.9%
28		
29	1	30.8%
30		
31	1	34.6%
32	1	38.5%
33	1	42.3%
34	3	53.8%
35	1	57.7%
36	3	69.2%
37	1	73.1%
38		
39	4	88.5%
40		
41	1	92.3%
42		
43	1	96.2%
44		
45	1	100.0%
46		
47		
48		
49		
50		
51		
52		
53		
54		
55		
56		
57		
58		
59		
60		
61		
62		
63		
64		
65		
66		
67		
68		
69		
70		
Total	26	



DATA ANALYSIS

Average Speed	33.3	Range	22 - 45
50th Percentile	33.7	10 mph Pace	30 - 39
85th Percentile	38.8	Number in Pace	15
90th Percentile	40.4	Percent in Pace	58%
95th Percentile	42.7		

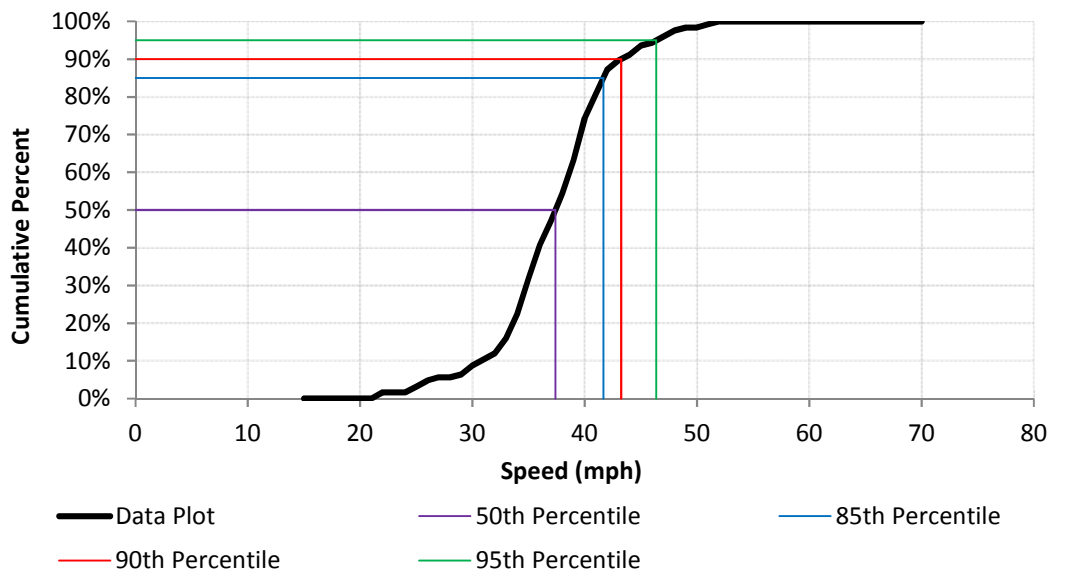
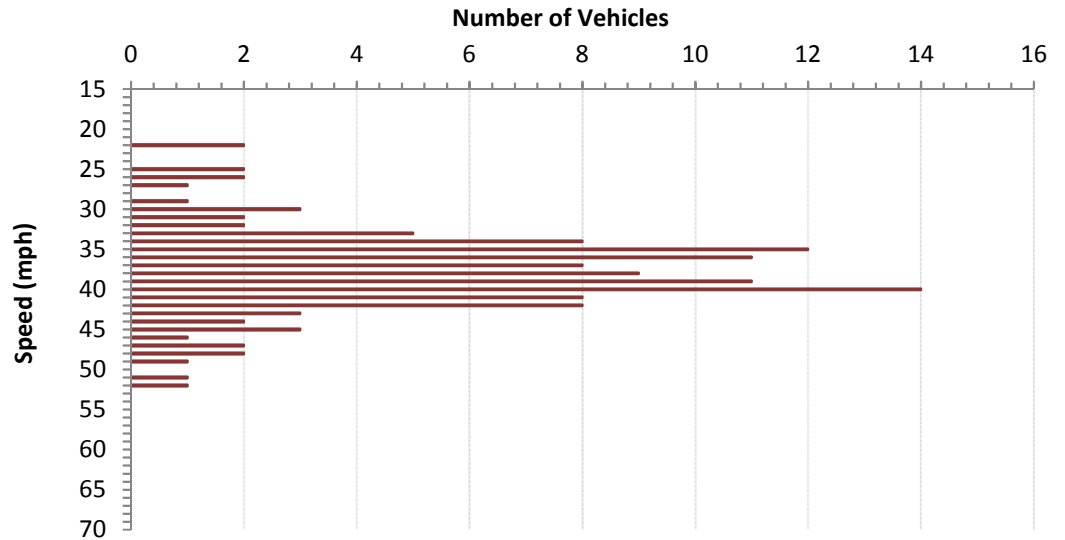


RADAR SPEED SURVEY

SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

Road Name:	Hawley Rd	From:	Olde Highway 80	To:	Creek Hills Rd
Position:	Speed Zone	Direction:	NB/SB		
Date:	10/18/2018	Weather:	Clear	Project Number:	18-4370-002
Time Start:	9:00 AM	Road Condition:	Dry	Observer:	Contractor/County
Time End:	13:00 AM	Posted Speed:	40 MPH	Calibration Test:	Y

Speed (mph)	Num. Veh.	Cum. Pct.
15		
16		
17		
18		
19		
20		
21		
22	2	1.6%
23		
24		
25	2	3.2%
26	2	4.8%
27	1	5.6%
28		
29	1	6.4%
30	3	8.8%
31	2	10.4%
32	2	12.0%
33	5	16.0%
34	8	22.4%
35	12	32.0%
36	11	40.8%
37	8	47.2%
38	9	54.4%
39	11	63.2%
40	14	74.4%
41	8	80.8%
42	8	87.2%
43	3	89.6%
44	2	91.2%
45	3	93.6%
46	1	94.4%
47	2	96.0%
48	2	97.6%
49	1	98.4%
50		
51	1	99.2%
52	1	100.0%
53		
54		
55		
56		
57		
58		
59		
60		
61		
62		
63		
64		
65		
66		
67		
68		
69		
70		
Total	125	



DATA ANALYSIS

Average Speed	37.6	Range	22 - 52
50th Percentile	37.4	10 mph Pace	33 - 42
85th Percentile	41.7	Number in Pace	94
90th Percentile	43.3	Percent in Pace	75%
95th Percentile	46.4		

SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE

COMMITTEE REPORT OF: October 26, 2018 **Item 2-B**

SUPERVISORIAL DISTRICT: 2

SUBJECT: Temporary Road Closure

LOCATION: Mast Blvd, from Pinery Grove/Marathon Parkway to the end of the Cul-de-Sac, LAKESIDE (Thos. Bros. 1231-G4)

INITIATED BY: Traffic Engineering

REQUEST: Temporary Road Closure

PROBLEM AS STATED BY REQUESTER:

This item would be the establishment of a temporary road closure on Mast Blvd as a result of serious and continual criminal activity. The California Vehicle Code Section 21101.4 allows for a local authority to adopt rules and regulations for the temporary closing to through traffic a highway under its jurisdiction when specific criteria exist including serious and continual illegal dumping. There has been joint recommendation made by the Department of the Sheriff and the California Highway Patrol for such a closure on this portion of Mast Boulevard. Utility Districts and Emergency Services will be given access to the proposed closed section for maintenance and emergency service. The resolution enacting the temporary road closure dictates this closure may be extended for a total of eight additional consecutive periods of not more than 18 months each where a public hearing is held and the same findings be made.

DATA:

Existing Traffic Devices

Mast Blvd is a 56-foot striped two-lane roadway with bike lanes and raised median. There is currently a "Dumping Prohibited" sign at the Cul-de-Sac. The road does not have a posted speed limit. Although the roadway is classified on the County General Plan Mobility Element Network as a Major road and Mast Blvd from Carlton Hills Blvd (Santee) to its eastern end has been designated a through highway, this small 850' segment is a stub road with no plans for development.

2-B. Temporary Road Closure

Mast Blvd from Pinery Grove/Marathon Pkwy to Cul-de-Sac (850 feet)



SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE

COMMITTEE REPORT OF: October 26, 2018

Item 5-A

SUPERVISORIAL DISTRICT: 5

SUBJECT: Speed Limit

LOCATION: Vesper Road between Valley Center Road and Sunset Road (2.43 miles) VALLEY CENTER (Thos. Bros. 1090-F1)

INITIATED BY: DPW Traffic Engineering

REQUEST: Speed Limit Review

PROBLEM AS STATED BY REQUESTER:

Vesper Road from Valley Center Road to 3,500 feet east is currently posted 50 MPH Radar Enforced. Vesper Road from 3,500 east of Valley Center Road to Sunset Road is currently posted at 55 MPH. Preliminary review of prevailing speeds and roadway conditions could support radar certification for a 45 MPH Radar Enforced speed limit.

Existing Traffic Devices

Vesper Road is a striped two-lane roadway, 26 to 30 feet in width, with white edge line throughout. There is an existing all-way stop at Vesper Road and Mactan Road. There are existing curve, speed, and hill advisory signs at vertical and horizontal curves. Vesper Road from Valley Center Road to Sunset Road is unclassified on the County General Plan Mobility Element Network.

Average Daily Traffic Volumes

	<u>10/18</u>	<u>7/15</u>
Vesper Rd:		
E/o Valley Center Rd	1,652	1,700
E/o Almona Way	1,491	
E/o Mactan Rd	906	

<u>Speed Data</u>	<u>85th Percentile</u>	<u>10 MPH Pace</u>	<u>% in Pace</u>
Vesper Road:			
2,450' E/o Valley Center Rd (2018)	51.9 MPH	41-50	65.0%
(2015)	52.0 MPH	40-49	65.0%
400' E/o Almona Way (2018)	51.7 MPH	42-51	60.0%
2120' E/o Mactan Rd (2018)	51.7 MPH	45-54	73.0%

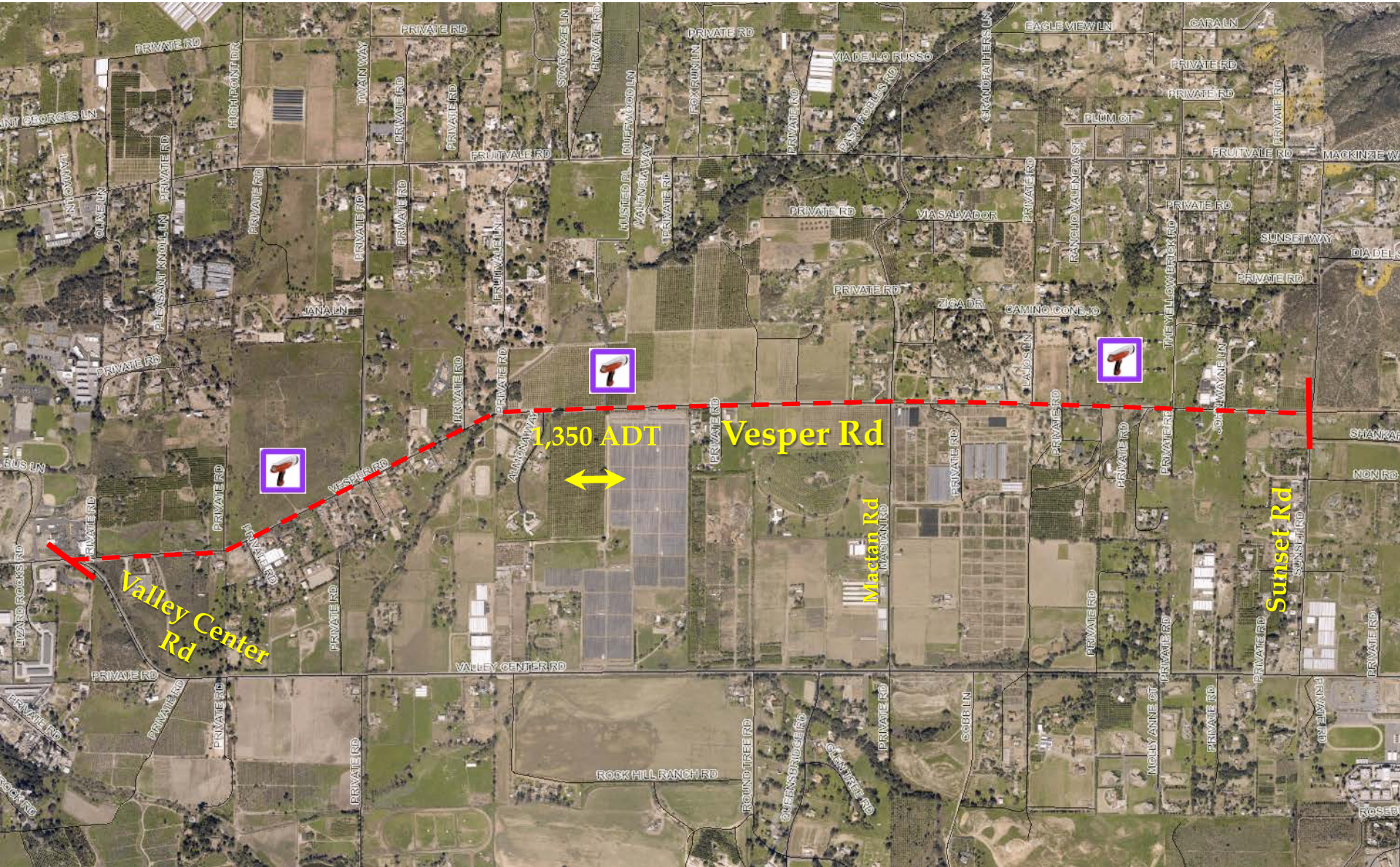
Speed Zone	(2018)	51.7MPH	44-53	64.0%
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Collision Data

There have been 10 reported collisions along this segment of roadway, 4 of which involved injury, in a 5 year period (7-2-13 to 7-1-18). These collisions result in a segment accident rate of 1.67 collisions per million vehicle miles. The statewide average is 1.05 collisions per million vehicle miles for similar suburban conventional 2 lanes or less with speed equal or less than 55.

5-A. Speed Limit

Vesper Rd from Valley Center Rd to Sunset Rd (2.43 miles)



VOLUME

Vesper Rd 2450' E/O Valley Center Rd

Day: Tuesday
Date: 4/24/2018

City: Valley Center
Project #: CA18_4118_004

DAILY TOTALS						NB	SB							Total
						0	0							1,652
						846								
AM Period	NB	SB	EB	WB	TOTAL	PM Period	NB	SB	EB	WB	TOTAL			
00:00	0	0	1	1	2	12:00	0	0	15	16	31			
00:15	0	0	0	0		12:15	0	0	9	13	22			
00:30	0	0	4	0	4	12:30	0	0	13	9	22			
00:45	0	0	0	5	1	12:45	0	0	16	53	10	48	26	101
01:00	0	0	1	0	1	13:00	0	0	10	13	23			
01:15	0	0	1	1	2	13:15	0	0	12	9	21			
01:30	0	0	0	0		13:30	0	0	20	14	34			
01:45	0	0	0	2	1	13:45	0	0	11	53	14	50	25	103
02:00	0	0	1	2	3	14:00	0	0	21	9	30			
02:15	0	0	0	0		14:15	0	0	9	9	18			
02:30	0	0	1	1	2	14:30	0	0	15	7	22			
02:45	0	0	0	2	1	14:45	0	0	15	60	17	42	32	102
03:00	0	0	0	1	1	15:00	0	0	15	13	28			
03:15	0	0	0	0		15:15	0	0	15	12	27			
03:30	0	0	0	1	1	15:30	0	0	19	13	32			
03:45	0	0	0	2	4	15:45	0	0	25	74	7	45	32	119
04:00	0	0	0	1	1	16:00	0	0	12	12	24			
04:15	0	0	1	1	2	16:15	0	0	15	12	27			
04:30	0	0	0	2	2	16:30	0	0	25	19	44			
04:45	0	0	1	2	5	16:45	0	0	21	73	16	59	37	132
05:00	0	0	0	7	7	17:00	0	0	10	16	26			
05:15	0	0	1	6	7	17:15	0	0	19	8	27			
05:30	0	0	1	10	11	17:30	0	0	17	5	22			
05:45	0	0	5	7	16	17:45	0	0	20	66	5	34	25	100
06:00	0	0	2	15	17	18:00	0	0	19	15	34			
06:15	0	0	9	16	25	18:15	0	0	22	8	30			
06:30	0	0	5	15	20	18:30	0	0	20	10	30			
06:45	0	0	9	25	23	18:45	0	0	11	72	6	39	17	111
07:00	0	0	7	21	28	19:00	0	0	17	12	29			
07:15	0	0	5	22	27	19:15	0	0	11	6	17			
07:30	0	0	5	15	20	19:30	0	0	17	1	18			
07:45	0	0	14	31	21	19:45	0	0	13	58	7	26	20	84
08:00	0	0	7	25	32	20:00	0	0	14	2	16			
08:15	0	0	17	19	36	20:15	0	0	9	3	12			
08:30	0	0	7	19	26	20:30	0	0	8	4	12			
08:45	0	0	9	40	15	20:45	0	0	8	39	3	12	11	51
09:00	0	0	9	13	22	21:00	0	0	7	3	10			
09:15	0	0	15	15	30	21:15	0	0	11	0	11			
09:30	0	0	9	12	21	21:30	0	0	10	3	13			
09:45	0	0	12	45	13	21:45	0	0	7	35	2	8	9	43
10:00	0	0	9	16	25	22:00	0	0	6	1	7			
10:15	0	0	5	8	13	22:15	0	0	5	1	6			
10:30	0	0	11	10	21	22:30	0	0	3	3	6			
10:45	0	0	7	32	12	22:45	0	0	1	15	2	7	3	22
11:00	0	0	10	14	24	23:00	0	0	5	0	5			
11:15	0	0	10	16	26	23:15	0	0	1	0	1			
11:30	0	0	13	10	23	23:30	0	0	2	0	2			
11:45	0	0	15	48	12	23:45	0	0	1	9	1	1	2	10
TOTALS			239	435	674	TOTALS			607	371	978			
SPLIT %			35.5%	64.5%	40.8%	SPLIT %			62.1%	37.9%	59.2%			

DAILY TOTALS						NB	SB							Total
						0	0							1,652
						846								
AM Peak Hour			11:15	07:45	07:45	PM Peak Hour			17:45	16:15	16:15			
AM Pk Volume			53	84	129	PM Pk Volume			81	63	134			
Pk Hr Factor			0.883	0.840	0.896	Pk Hr Factor			0.920	0.829	0.761			
7 - 9 Volume	0	0	71	157	228	4 - 6 Volume	0	0	139	93	232			
7 - 9 Peak Hour			07:45	07:45	07:45	4 - 6 Peak Hour			16:30	16:15	16:15			
7 - 9 Pk Volume	0	0	45	84	129	4 - 6 Pk Volume	0	0	75	63	134			
Pk Hr Factor	0.000	0.000	0.662	0.840	0.896	Pk Hr Factor	0.000	0.000	0.750	0.829	0.761			

VOLUME

Vesper Rd 1482' E/O Almona Way

Day: Tuesday
Date: 4/24/2018

City: Valley Center
Project #: CA18_4118_003

DAILY TOTALS					NB	SB						EB	WB	Total
					0	0						767	724	1,491
AM Period	NB	SB	EB	WB	TOTAL		PM Period	NB	SB	EB	WB	TOTAL		
00:00	0	0	1	2	3		12:00	0	0	13	12	25		
00:15	0	0	0	0			12:15	0	0	8	12	20		
00:30	0	0	3	0	3		12:30	0	0	12	9	21		
00:45	0	0	0	4	0	2	12:45	0	0	14	47	9	42	89
01:00	0	0	1	0	1		13:00	0	0	8	8	16		
01:15	0	0	1	1	2		13:15	0	0	11	8	19		
01:30	0	0	0	0			13:30	0	0	19	15	34		
01:45	0	0	0	2	0	1	13:45	0	0	11	49	13	44	93
02:00	0	0	1	2	3		14:00	0	0	17	11	28		
02:15	0	0	0	0			14:15	0	0	9	6	15		
02:30	0	0	1	1	2		14:30	0	0	19	10	29		
02:45	0	0	0	2	1	4	14:45	0	0	11	56	11	38	94
03:00	0	0	0	0	1		15:00	0	0	13	10	23		
03:15	0	0	0	0			15:15	0	0	13	10	23		
03:30	0	0	0	1	1		15:30	0	0	18	8	26		
03:45	0	0	0	1	3	1	15:45	0	0	22	66	9	37	103
04:00	0	0	0	1	1		16:00	0	0	12	9	21		
04:15	0	0	1	0	1		16:15	0	0	13	12	25		
04:30	0	0	0	2	2		16:30	0	0	20	19	39		
04:45	0	0	1	2	5	8	16:45	0	0	19	64	16	56	120
05:00	0	0	0	6	6		17:00	0	0	12	14	26		
05:15	0	0	1	6	7		17:15	0	0	14	5	19		
05:30	0	0	2	7	9		17:30	0	0	16	5	21		
05:45	0	0	3	6	13	32	17:45	0	0	19	61	6	30	91
06:00	0	0	3	12	15		18:00	0	0	21	15	36		
06:15	0	0	7	18	25		18:15	0	0	19	7	26		
06:30	0	0	4	14	18		18:30	0	0	18	9	27		
06:45	0	0	9	23	30	88	18:45	0	0	12	70	5	36	106
07:00	0	0	8	20	28		19:00	0	0	12	9	21		
07:15	0	0	6	22	28		19:15	0	0	9	6	15		
07:30	0	0	2	12	14		19:30	0	0	15	1	16		
07:45	0	0	15	31	21	75	19:45	0	0	11	47	6	22	69
08:00	0	0	6	23	29		20:00	0	0	11	2	13		
08:15	0	0	15	13	28		20:15	0	0	10	3	13		
08:30	0	0	7	17	24		20:30	0	0	8	4	12		
08:45	0	0	11	39	24	105	20:45	0	0	7	36	3	12	48
09:00	0	0	8	11	19		21:00	0	0	8	2	10		
09:15	0	0	10	12	22		21:15	0	0	9	2	11		
09:30	0	0	8	11	19		21:30	0	0	9	2	11		
09:45	0	0	10	36	20	80	21:45	0	0	7	33	2	8	41
10:00	0	0	6	13	19		22:00	0	0	6	3	9		
10:15	0	0	4	7	11		22:15	0	0	4	0	4		
10:30	0	0	10	7	17		22:30	0	0	2	3	5		
10:45	0	0	6	26	17	64	22:45	0	0	2	14	3	9	23
11:00	0	0	9	16	25		23:00	0	0	6	0	6		
11:15	0	0	9	12	21		23:15	0	0	1	0	1		
11:30	0	0	12	9	21		23:30	0	0	1	0	1		
11:45	0	0	14	44	28	95	23:45	0	0	1	9	1	1	10
TOTALS	215				389	604	TOTALS	552				335	887	
SPLIT %	35.6%				64.4%	40.5%	SPLIT %	62.2%				37.8%	59.5%	

DAILY TOTALS					NB	SB						EB	WB	Total
					0	0						767	724	1,491
AM Peak Hour			11:15	07:15	07:45		PM Peak Hour			17:45	16:15	16:15		
AM Pk Volume			48	78	117		PM Pk Volume			77	61	125		
Pk Hr Factor			0.857	0.848	0.813		Pk Hr Factor			0.917	0.803	0.801		
7 - 9 Volume	0	0	70	141	211		4 - 6 Volume	0	0	125	86	211		
7 - 9 Peak Hour			07:45	07:15	07:45		4 - 6 Peak Hour			16:30	16:15	16:15		
7 - 9 Pk Volume	0	0	43	78	117		4 - 6 Pk Volume	0	0	65	61	125		
Pk Hr Factor	0.000	0.000	0.717	0.848	0.813		Pk Hr Factor	0.000	0.000	0.813	0.803	0.801		

VOLUME

Vesper Rd 2120' E/O Mactan Rd

Day: Tuesday
Date: 4/24/2018

City: Valley Center
Project #: CA18_4118_002

DAILY TOTALS					NB	SB						EB	WB	Total
					0	0						446	460	906
AM Period	NB	SB	EB	WB	TOTAL		PM Period	NB	SB	EB	WB	TOTAL		
00:00	0	0	0	0	4	4	12:00	0	0	5	7	12	11	11
00:15	0	0	0	0			12:15	0	0	7	4			
00:30	0	0	1	3			12:30	0	0	7	4			
00:45	0	0	0	1			12:45	0	0	8	27			
01:00	0	0	1	0	1		13:00	0	0	6	4	10		
01:15	0	0	0	0	1	2	13:15	0	0	4	5	9		
01:30	0	0	0	1			13:30	0	0	11	10	21		
01:45	0	0	0	1			13:45	0	0	11	32	17	57	
02:00	0	0	1	1	2		14:00	0	0	4	17	21		
02:15	0	0	0	0	2	2	14:15	0	0	4	10	14		
02:30	0	0	0	0			14:30	0	0	7	6	13		
02:45	0	0	0	1			14:45	0	0	8	23	14	62	
03:00	0	0	1	0	1		15:00	0	0	7	11	18		
03:15	0	0	0	0	3	5	15:15	0	0	9	13	22		
03:30	0	0	2	1			15:30	0	0	6	5	11		
03:45	0	0	1	4			15:45	0	0	4	26	19	70	
04:00	0	0	0	0			16:00	0	0	9	7	16		
04:15	0	0	0	1	1		16:15	0	0	10	8	18		
04:30	0	0	0	0	5	6	16:30	0	0	11	16	27		
04:45	0	0	4	4			16:45	0	0	9	39	16	77	
05:00	0	0	4	0	4		17:00	0	0	8	6	14		
05:15	0	0	4	0	4		17:15	0	0	6	10	16		
05:30	0	0	4	0	4		17:30	0	0	7	5	12		
05:45	0	0	4	16	6	18	17:45	0	0	3	24	15	57	
06:00	0	0	5	2	7		18:00	0	0	10	8	18		
06:15	0	0	11	3	14		18:15	0	0	4	7	11		
06:30	0	0	7	2	9		18:30	0	0	6	5	11		
06:45	0	0	12	35	15	45	18:45	0	0	1	21	6	46	
07:00	0	0	14	4	18		19:00	0	0	4	7	11		
07:15	0	0	10	5	15		19:15	0	0	2	2	4		
07:30	0	0	9	8	17		19:30	0	0	1	8	9		
07:45	0	0	18	51	28	78	19:45	0	0	5	12	12	36	
08:00	0	0	12	11	23		20:00	0	0	1	8	9		
08:15	0	0	10	18	28		20:15	0	0	2	2	4		
08:30	0	0	9	3	12		20:30	0	0	4	10	14		
08:45	0	0	7	38	18	81	20:45	0	0	4	11	8	35	
09:00	0	0	4	6	10		21:00	0	0	1	3	4		
09:15	0	0	4	3	7		21:15	0	0	2	6	8		
09:30	0	0	4	7	11		21:30	0	0	2	5	7		
09:45	0	0	6	18	12	40	21:45	0	0	1	6	6	25	
10:00	0	0	7	4	11		22:00	0	0	3	4	7		
10:15	0	0	2	5	7		22:15	0	0	2	3	5		
10:30	0	0	4	3	7		22:30	0	0	1	0	1		
10:45	0	0	12	25	19	44	22:45	0	0	2	8	4	17	
11:00	0	0	4	2	6		23:00	0	0	1	1	2		
11:15	0	0	8	6	14		23:15	0	0	0	4	4		
11:30	0	0	1	3	4		23:30	0	0	0	2	2		
11:45	0	0	9	22	16	40	23:45	0	0	0	1	1	9	
TOTALS	216				149	365	TOTALS	230				311	541	
SPLIT %	59.2%				40.8%	40.3%	SPLIT %	42.5%				57.5%	59.7%	

DAILY TOTALS					NB	SB						EB	WB	Total
					0	0						446	460	906
AM Peak Hour			07:00	07:30	07:30		PM Peak Hour			16:00	15:45	15:45		
AM Pk Volume			51	47	96		PM Pk Volume			39	46	80		
Pk Hr Factor			0.708	0.653	0.857		Pk Hr Factor			0.886	0.719	0.741		
7 - 9 Volume	0	0	89	70	159		4 - 6 Volume	0	0	63	71	134		
7 - 9 Peak Hour			07:00	07:30	07:30		4 - 6 Peak Hour			16:00	16:30	16:00		
7 - 9 Pk Volume	0	0	51	47	96		4 - 6 Pk Volume	0	0	39	39	77		
Pk Hr Factor	0.000	0.000	0.708	0.653	0.857		Pk Hr Factor	0.000	0.000	0.886	0.609	0.713		



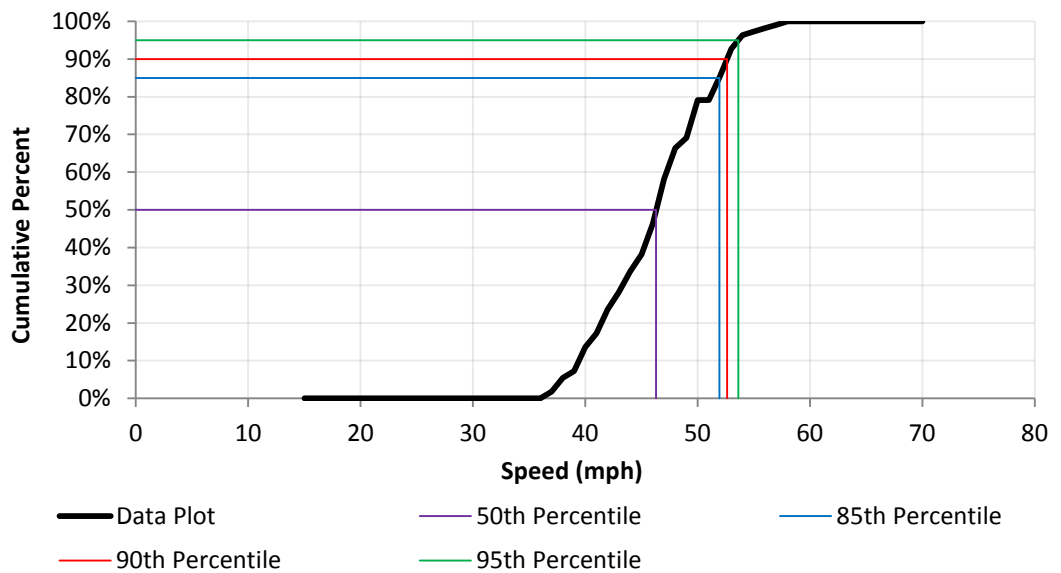
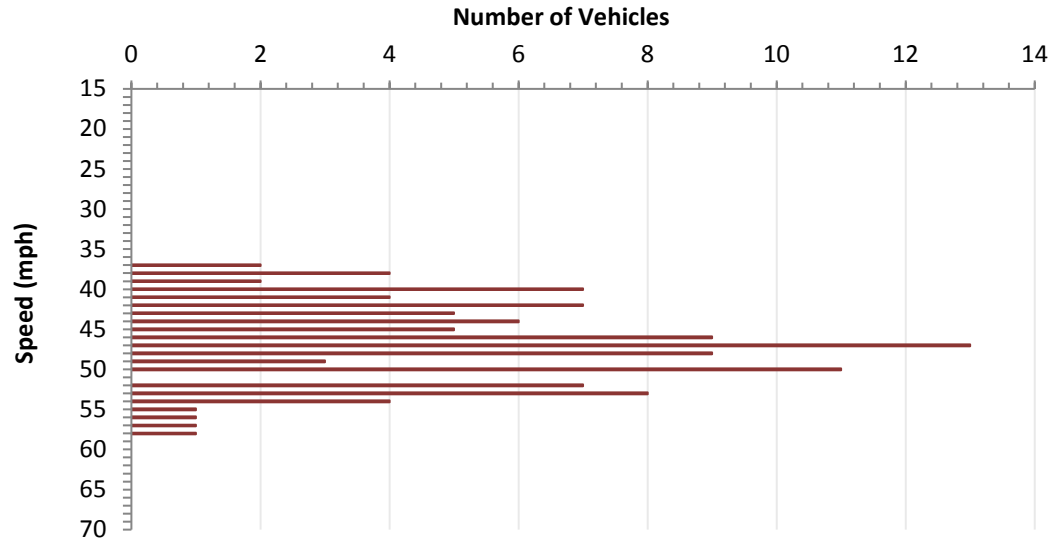
RADAR SPEED SURVEY

SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

Road Name:	Vesper Rd	From:	Valley Center Rd	To:	Sunset Rd
Position:	2450' E/o Valley Center Rd	Direction:	EB/WB		

Date:	7/30/2018	Weather:	Clear	Project Number:	0
Time Start:	11:55 AM	Road Condition:	Dry	Observer:	BB
Time End:	1:55 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		
33		
34		
35		
36		
37	2	1.8%
38	4	5.5%
39	2	7.3%
40	7	13.6%
41	4	17.3%
42	7	23.6%
43	5	28.2%
44	6	33.6%
45	5	38.2%
46	9	46.4%
47	13	58.2%
48	9	66.4%
49	3	69.1%
50	11	79.1%
51		
52	7	85.5%
53	8	92.7%
54	4	96.4%
55	1	97.3%
56	1	98.2%
57	1	99.1%
58	1	100.0%
59		
60		
61		
62		
63		
64		
65		
66		
67		
68		
69		
70		
Total	110	



DATA ANALYSIS

Average Speed	46.6	Range	37 - 58
50th Percentile	46.3	10 mph Pace	41 - 50
85th Percentile	51.9	Number in Pace	72
90th Percentile	52.6	Percent in Pace	65%
95th Percentile	53.6		



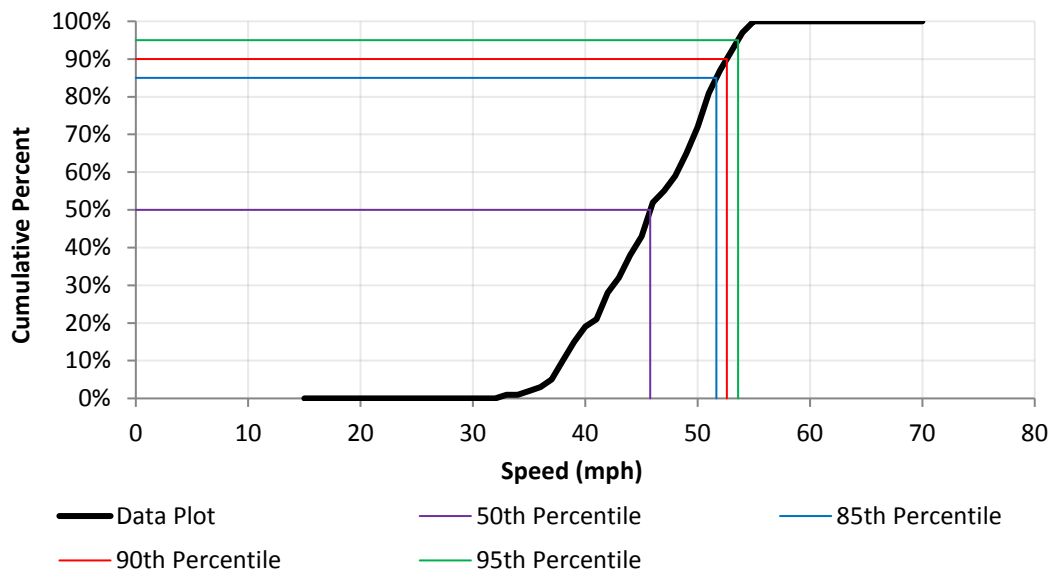
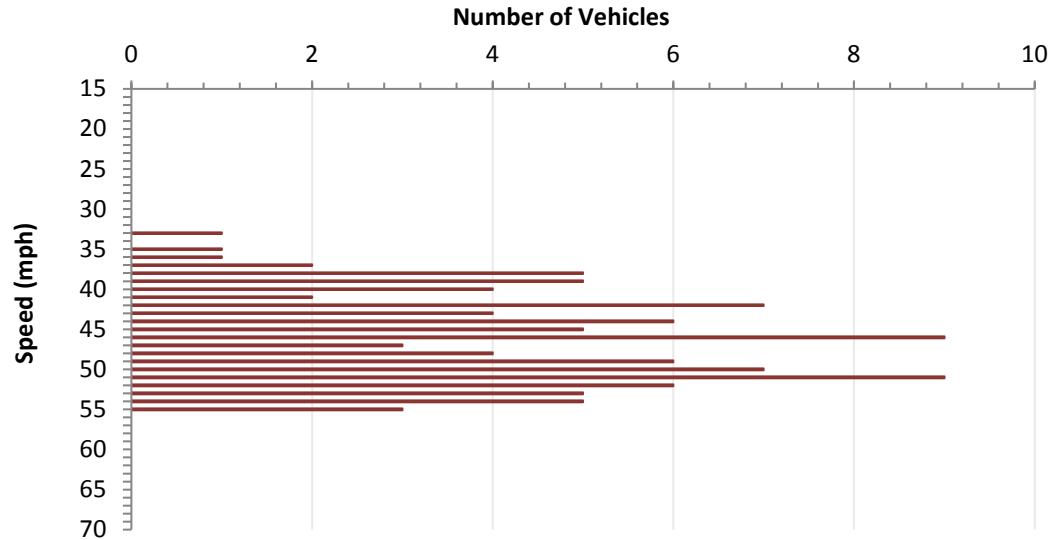
RADAR SPEED SURVEY

SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

Road Name:	Vesper Rd	From:	Valley Center Rd	To:	Sunset Rd
Position:	400' E/o Almona Way	Direction:	EB/WB		

Date:	7/10/2018	Weather:	Cloudy	Project Number:	0
Time Start:	9:35 AM	Road Condition:	Dry	Observer:	BB
Time End:	11:35 AM	Posted Speed:	50 mph	Calibration Test:	0

Speed (mph)	Num. Veh.	Cum. Pct.
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		
26		
27		
28		
29		
30		
31		
32		
33	1	1.0%
34		
35	1	2.0%
36	1	3.0%
37	2	5.0%
38	5	10.0%
39	5	15.0%
40	4	19.0%
41	2	21.0%
42	7	28.0%
43	4	32.0%
44	6	38.0%
45	5	43.0%
46	9	52.0%
47	3	55.0%
48	4	59.0%
49	6	65.0%
50	7	72.0%
51	9	81.0%
52	6	87.0%
53	5	92.0%
54	5	97.0%
55	3	100.0%
56		
57		
58		
59		
60		
61		
62		
63		
64		
65		
66		
67		
68		
69		
70		
Total	100	



DATA ANALYSIS

Average Speed	46.2	Range	33 - 55
50th Percentile	45.8	10 mph Pace	42 - 51
85th Percentile	51.7	Number in Pace	60
90th Percentile	52.6	Percent in Pace	60%
95th Percentile	53.6		



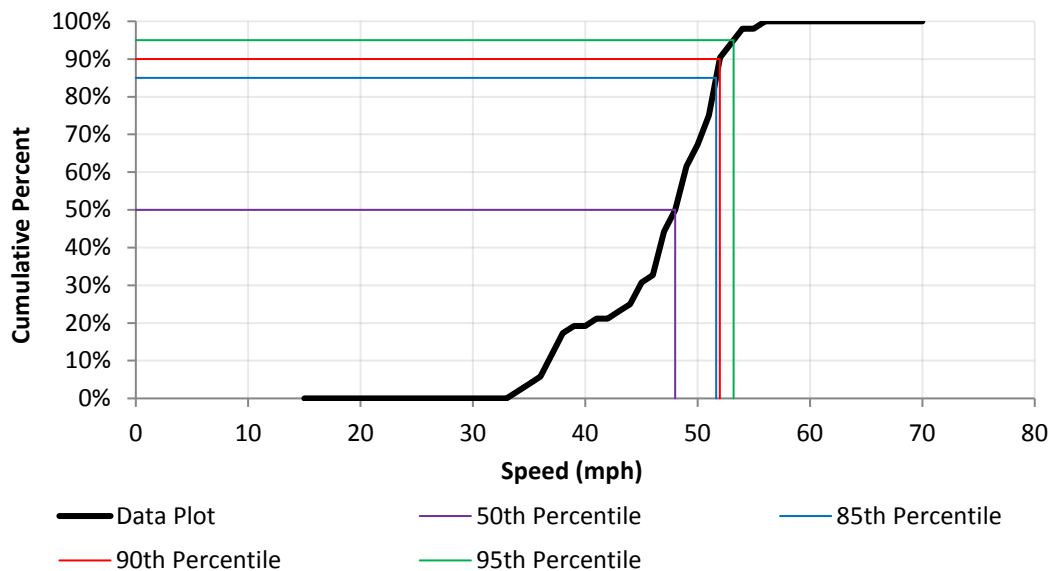
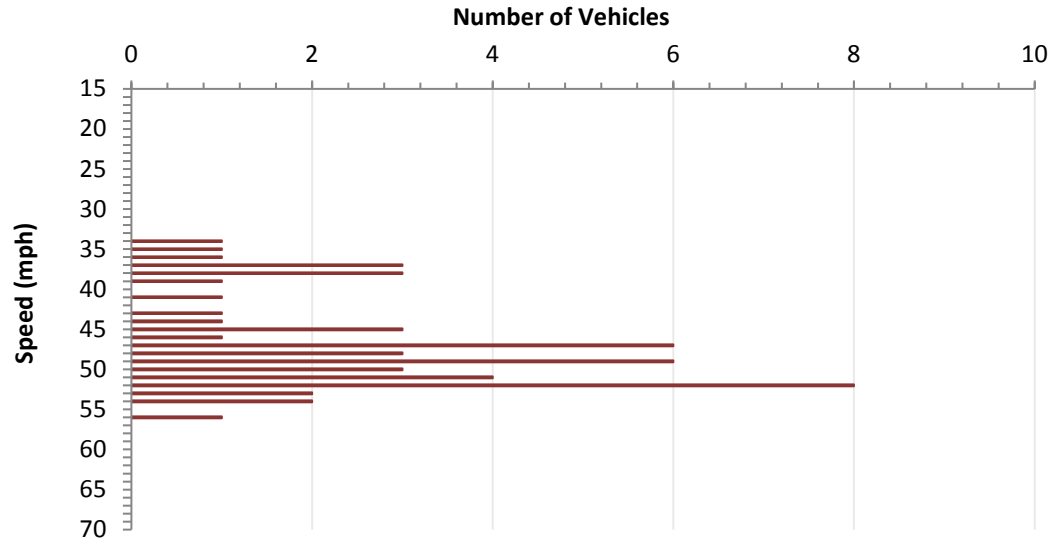
RADAR SPEED SURVEY

SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

Road Name:	Vesper Rd	From:	Valley Center Rd	To:	Sunset Rd
Position:	2120' E/o Mactan Rd	Direction:	EB/WB		

Date:	7/30/2018	Weather:	Clear	Project Number:	0
Time Start:	9:40 AM	Road Condition:	Dry	Observer:	BB
Time End:	11:40 AM	Posted Speed:	55 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		
33		
34	1	1.9%
35	1	3.8%
36	1	5.8%
37	3	11.5%
38	3	17.3%
39	1	19.2%
40		
41	1	21.2%
42		
43	1	23.1%
44	1	25.0%
45	3	30.8%
46	1	32.7%
47	6	44.2%
48	3	50.0%
49	6	61.5%
50	3	67.3%
51	4	75.0%
52	8	90.4%
53	2	94.2%
54	2	98.1%
55		
56	1	100.0%
57		
58		
59		
60		
61		
62		
63		
64		
65		
66		
67		
68		
69		
70		
Total	52	



DATA ANALYSIS

Average Speed	46.9	Range	34 - 56
50th Percentile	48.0	10 mph Pace	45 - 54
85th Percentile	51.7	Number in Pace	38
90th Percentile	52.0	Percent in Pace	73%
95th Percentile	53.2		



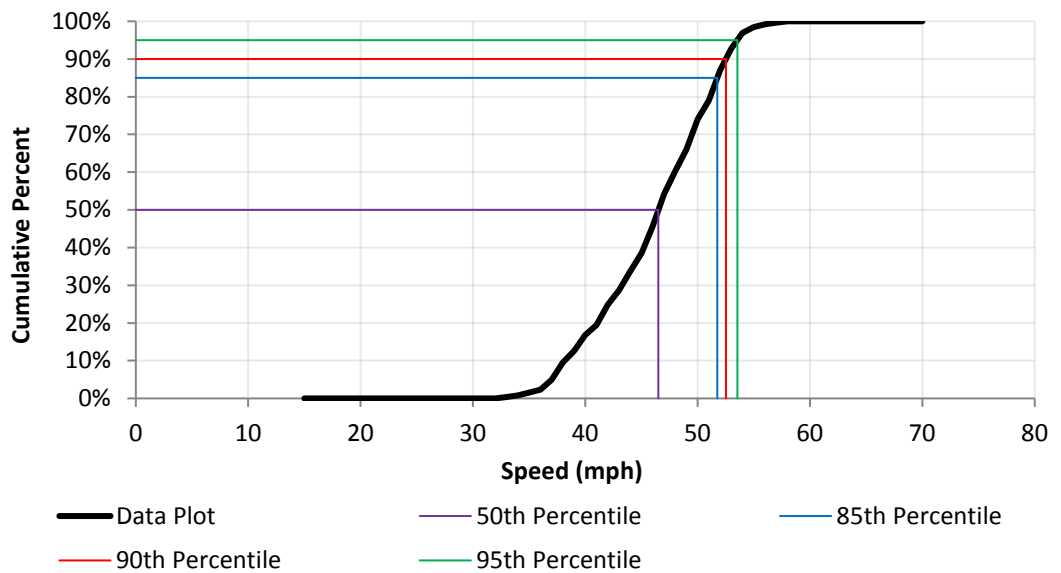
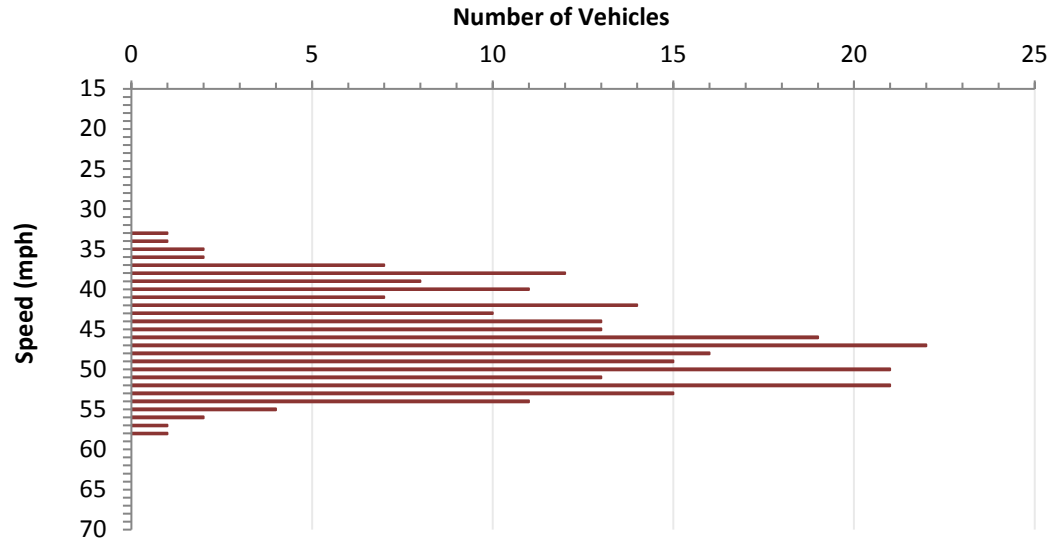
RADAR SPEED SURVEY

SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

Road Name:	Vesper Rd	From:	Valley Center Rd	To:	Sunset Rd
Position:	Speed Zone	Direction:	EB/WB		

Date:	8/6/2018	Weather:	Clear	Project Number:	0
Time Start:	12:00 AM	Road Condition:	Dry	Observer:	BB
Time End:	12:00 AM	Posted Speed:	50/55 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		
33	1	0.4%
34	1	0.8%
35	2	1.5%
36	2	2.3%
37	7	5.0%
38	12	9.5%
39	8	12.6%
40	11	16.8%
41	7	19.5%
42	14	24.8%
43	10	28.6%
44	13	33.6%
45	13	38.5%
46	19	45.8%
47	22	54.2%
48	16	60.3%
49	15	66.0%
50	21	74.0%
51	13	79.0%
52	21	87.0%
53	15	92.7%
54	11	96.9%
55	4	98.5%
56	2	99.2%
57	1	99.6%
58	1	100.0%
59		
60		
61		
62		
63		
64		
65		
66		
67		
68		
69		
70		
Total	262	



DATA ANALYSIS

Average Speed	46.5	Range	33 - 58
50th Percentile	46.5	10 mph Pace	44 - 53
85th Percentile	51.7	Number in Pace	168
90th Percentile	52.5	Percent in Pace	64%
95th Percentile	53.5		