

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

County of San Diego Fire Authority
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
Pacific Safety Center
San Diego County Sheriff's
Department

April 14, 2020

TO: Community Planning/Sponsor Group Chairpersons

FROM: Secretary, Traffic Advisory Committee

MEETING NOTICE

Attached is the preliminary agenda for the April 24, 2020, meeting of the Traffic Advisory Committee (TAC).

***** Social distancing is currently mandatory due to the COVID-19 pandemic. This TAC meeting on April 24, 2020, will be conducted with a virtual meeting platform option. Please use this link below to join the meeting: <https://zoom.us/j/91401732790> *****

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

April 24, 2020 ~ 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 CERTIFICATION	CREEKFORD DR	LAKESIDE	LAKESIDE
<u>SUPERVISORIAL DISTRICT 5</u>				
5-A.	RADAR CERTIFICATION	MILLER RD	VALLEY CENTER	VALLEY CENTER
5-B.	RADAR CERTIFICATION	PALM CANYON DR	BORREGO SPRINGS	BORREGO SPRINGS
5-C.	RADAR CERTIFICATION	PALM CANYON DR	BORREGO SPRINGS	BORREGO SPRINGS
5-D.	RADAR CERTIFICATION	PALM CANYON DR	BORREGO SPRINGS	BORREGO SPRINGS
5-E.	RADAR CERTIFICATION	PALM CANYON DR	BORREGO SPRINGS	BORREGO SPRINGS

SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE

COMMITTEE REPORT OF: April 24, 2020 **Item 2-A**

SUPERVISORIAL DISTRICT: 2

SUBJECT: Radar Certification

LOCATION: Creekford Drive from Winter Gardens Boulevard to Riverview Avenue (a distance of 0.48 miles) LAKESIDE (Thos. Bros. 1231-J6)

INITIATED BY: DPW Traffic Engineering

REQUEST: Radar Certification

PROBLEM AS STATED BY REQUESTER:

Creekford Drive from Winter Gardens Boulevard to Riverview Avenue is posted 35 MPH. Preliminary review of prevailing speeds and roadway conditions could support radar recertification of the existing 35 MPH speed limit.

Existing Traffic Devices

Creekford Drive is a striped two-lane local roadway with a 20 foot travelled way on a 24 foot road bed. There is a signalized intersection at Winter Gardens Boulevard. Creekford Drive is striped with a no passing centerline and white edgelines. The road is unclassified on the County General Plan Mobility Element Network. The road is posted 35 MPH.

Average Daily Traffic Volumes

Creekford Drive:

	<u>02/20</u>	<u>03/08</u>
1,300' N/o Winter Gardens Boulevard	1,700	1,633

Speed Data

Creekford Drive:

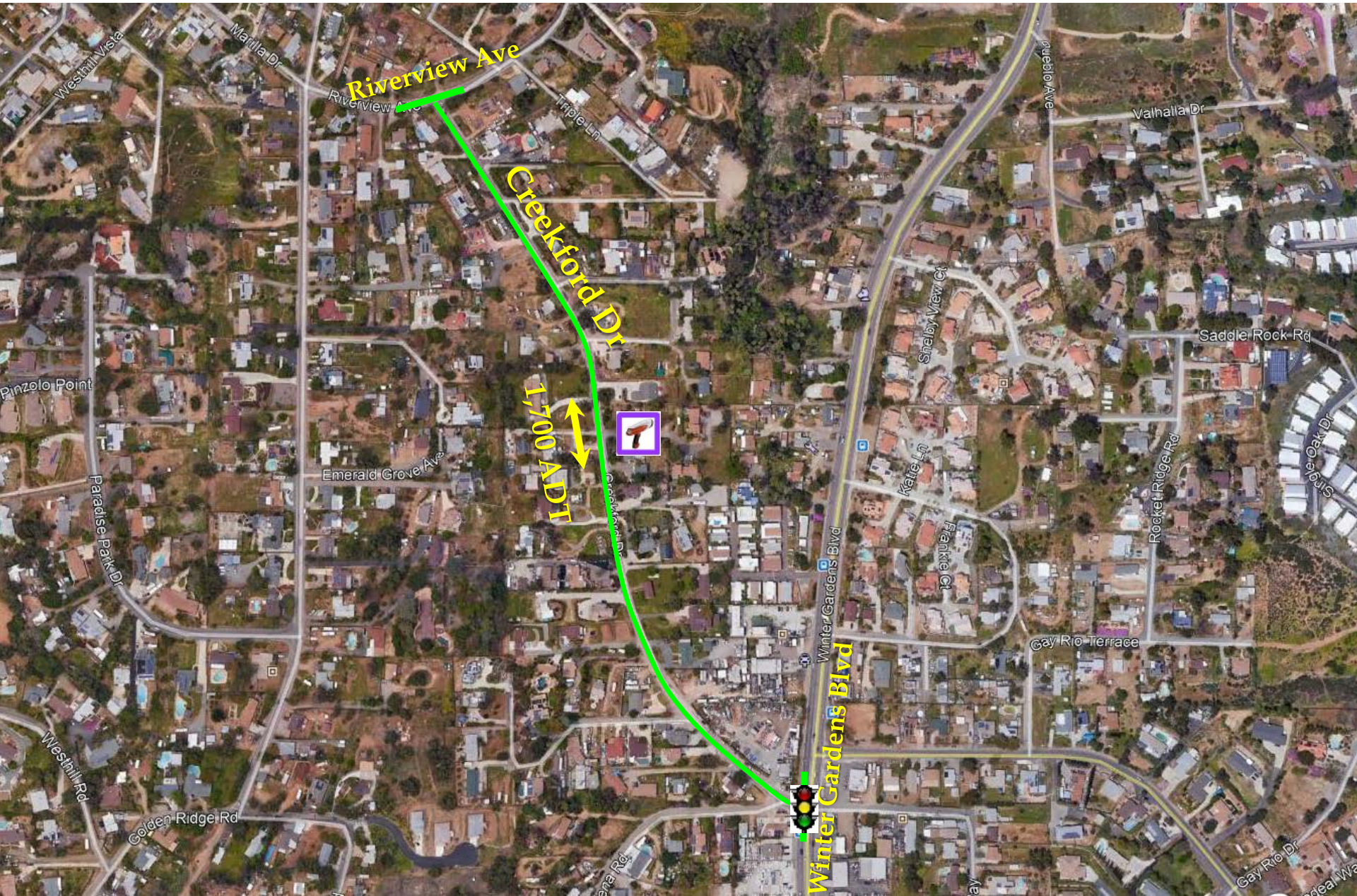
	<u>85th Percentile</u>	<u>10 MPH Pace</u>	<u>% in Pace</u>
1,300' N/o Winter Gardens BI (2020)	37.9 MPH	31-40	93.0%

Collision Data

There have been 2 reported collisions along this segment of roadway, none of which involved injury, in a 3 year period (12-01-16 to 11-30-19). These collisions result in a segment accident rate of 2.24 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 less than 45 mile per hour.

2-A. Radar Certification

Creekford Dr from Winter Gardens Blvd to Riverview Ave (0.48 mi)



VOLUME

Creekford Dr 1300' N/O Winter Gardens Blvd

Day: Wednesday
Date: 02/12/20City: Lakeside
Project #: CA20_4040_002

DAILY TOTALS					NB	SB	EB					WB	Total
					781	919						0	0
AM Period	NB	SB	EB	WB	TOTAL	PM Period	NB	SB	EB	WB	TOTAL		
00:00	1	2			3	12:00	8	10			18		
00:15	1	1			2	12:15	13	18			31		
00:30	0	1			1	12:30	11	17			28		
00:45	1	3	2	6	3	12:45	23	55	21	66	44		
01:00	0	0			0	13:00	30	19			49		
01:15	0	0			0	13:15	19	25			44		
01:30	0	0			0	13:30	21	20			41		
01:45	0	0			0	13:45	11	81	16	80	27		
02:00	0	1			1	14:00	15	16			31		
02:15	0	0			0	14:15	12	13			25		
02:30	1	0			1	14:30	13	20			33		
02:45	0	1	0	1	0	14:45	12	52	25	74	37		
03:00	0	0			0	15:00	10	18			28		
03:15	1	0			1	15:15	28	24			52		
03:30	1	0			1	15:30	16	22			38		
03:45	1	3	1	1	2	15:45	15	69	17	81	32		
04:00	0	1			1	16:00	18	16			34		
04:15	3	0			3	16:15	17	20			37		
04:30	0	2			2	16:30	10	20			30		
04:45	2	5	3	6	5	16:45	15	60	15	71	30		
05:00	0	0			0	17:00	13	29			42		
05:15	2	5			7	17:15	16	32			48		
05:30	2	2			4	17:30	14	23			37		
05:45	3	7	3	10	6	17:45	14	57	25	109	39		
06:00	6	4			10	18:00	11	13			24		
06:15	7	5			12	18:15	8	17			25		
06:30	5	11			16	18:30	13	11			24		
06:45	5	23	5	25	10	18:45	7	39	21	62	28		
07:00	8	10			18	19:00	13	4			17		
07:15	11	8			19	19:15	5	8			13		
07:30	19	13			32	19:30	11	8			19		
07:45	24	62	23	54	47	19:45	8	37	13	33	21		
08:00	28	24			52	20:00	4	8			12		
08:15	21	36			57	20:15	5	3			8		
08:30	21	14			35	20:30	5	5			10		
08:45	12	82	15	89	27	20:45	7	21	6	22	13		
09:00	11	8			19	21:00	2	3			5		
09:15	5	9			14	21:15	5	3			8		
09:30	5	10			15	21:30	1	4			5		
09:45	7	28	4	31	11	21:45	2	10	1	11	3		
10:00	4	7			11	22:00	2	6			8		
10:15	10	8			18	22:15	1	1			2		
10:30	16	5			21	22:30	2	0			2		
10:45	11	41	16	36	27	22:45	3	8	0	7	3		
11:00	8	10			18	23:00	2	1			3		
11:15	8	9			17	23:15	1	1			2		
11:30	7	13			20	23:30	2	2			4		
11:45	9	32	7	39	16	23:45	0	5	1	5	1		
TOTALS	287	298			585	TOTALS	494	621			1115		
SPLIT %	49.1%	50.9%			34.4%	SPLIT %	44.3%	55.7%			65.6%		

DAILY TOTALS					NB	SB						EB	WB	Total
					781	919						0	0	1,700
AM Peak Hour	07:45	07:45			07:45	PM Peak Hour	12:45	17:00			12:45			
AM Pk Volume	94	97			191	PM Pk Volume	93	109			178			
Pk Hr Factor	0.839	0.674			0.838	Pk Hr Factor	0.775	0.852			0.908			
7 - 9 Volume	144	143	0	0	287	4 - 6 Volume	117	180	0	0	297			
7 - 9 Peak Hour	07:45	07:45			07:45	4 - 6 Peak Hour	16:00	17:00			17:00			
7 - 9 Pk Volume	94	97	0	0	191	4 - 6 Pk Volume	60	109	0	0	166			
Pk Hr Factor	0.839	0.674	0.000	0.000	0.838	Pk Hr Factor	0.833	0.852	0.000	0.000	0.865			



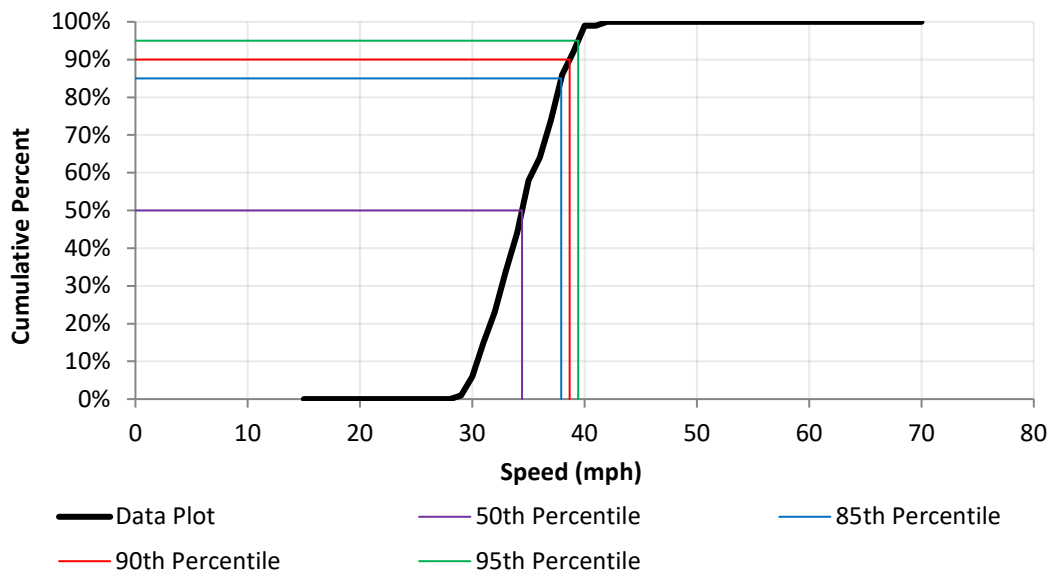
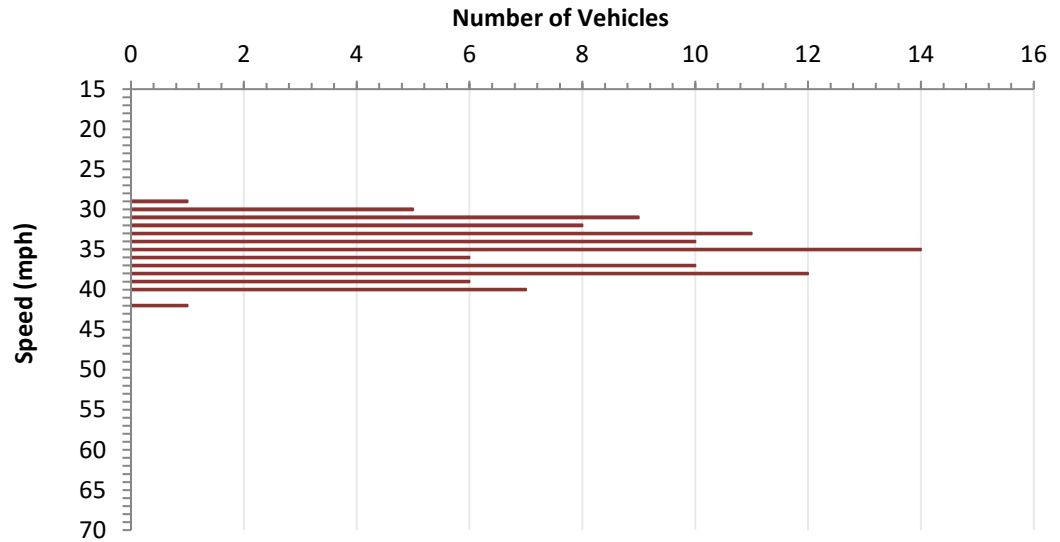
RADAR SPEED SURVEY

SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

Road Name:	Creekford Dr	From:	Winter Gardens Bl	To:	Riverview Av
Position:	1300' N/o Winter Gardens Bl	Direction:	NB/SB		

Date:	2/18/2020	Weather:	Clear	Project Number:	20-4042-001
Time Start:	9:00 AM	Road Condition:	Dry	Observer:	Contractor
Time End:	10:30 AM	Posted Speed:	35 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	1.0%
30	5	6.0%
31	9	15.0%
32	8	23.0%
33	11	34.0%
34	10	44.0%
35	14	58.0%
36	6	64.0%
37	10	74.0%
38	12	86.0%
39	6	92.0%
40	7	99.0%
41		
42	1	100.0%
43		
44		
45		
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	100	



DATA ANALYSIS

Average Speed	35.1	Range	29 - 42
50th Percentile	34.4	10 mph Pace	31 - 40
85th Percentile	37.9	Number in Pace	93
90th Percentile	38.7	Percent in Pace	93%
95th Percentile	39.4		

SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE

COMMITTEE REPORT OF: April 24, 2020

Item **5-A**

SUPERVISORIAL DISTRICT: 5

SUBJECT: Radar Certification

LOCATION: Miller Road from Valley Center Road to Cole Grade Road (a distance of 2.14 miles) VALLEY CENTER (Thos. Bros. 1090-E1)

INITIATED BY: DPW Traffic Engineering

REQUEST: Radar Recertification

PROBLEM AS STATED BY REQUESTER:

Miller Road from Valley Center Road to Cole Grade Road is posted 45 MPH Radar Enforced. Preliminary review of prevailing speeds and roadway conditions could support reducing the speed limit to 40 MPH and certify for radar enforcement.

Existing Traffic Devices

Miller Road is a striped two-lane local roadway with a 24 foot travelled way on a 26 to 40 foot road bed. There are multiple speed advisory curves along this segment. Miller Road is striped with a no passing centerline. The road is classified as a Minor Collector on the County General Plan Mobility Element Network. The road is posted 45 MPH Radar Enforced.

Average Daily Traffic Volumes

Miller Road:

240' S/o Via Encantado

02/20

1,240

10/12

1,200

Speed Data

Miller Road:

200' S/o Little Creek Ln

(2020)

(2012)

85th
Percentile

43.8 MPH

48.0 MPH

10 MPH
Pace

33-42

35-44

% in
Pace

45.0%

61.0%

300' N/o Via Encantado

(2020)

43.7 MPH

33-42

60.0%

600' W/o Cole Grade Rd

(2020)

40.1 MPH

28-37

63.0%

Speed Zone

(2020)

42.5 MPH

31-40

56.0%

Collision Data

There have been 7 reported collisions along this segment of roadway, 4 of which involved

injury, in a 3 year period (12-01-16 to 11-30-19). These collisions result in a segment accident rate of 2.42 collisions per million vehicle miles. The statewide average is 1.07 collisions per million vehicle miles for similar flat rural conventional 2 lanes or less with speeds less than or equal to 55 miles per hour.

5-A. Radar Certification

Miller Rd from Valley Center Rd to Cole Grade Rd (2.14 mi)



VOLUME

Miller Rd 240' S/O Via Encantado

Day: Wednesday

Date: 2/19/2020

City: Valley Center

Project #: CA20_4040_005

DAILY TOTALS					NB	SB					EB	WB	Total
					661	579					0	0	1,240
AM Period	NB	SB	EB	WB	TOTAL		PM Period	NB	SB	EB	WB	TOTAL	
00:00	1	0			1		12:00	12	9			21	
00:15	0	0			0		12:15	10	9			19	
00:30	2	0			2		12:30	8	11			19	
00:45	0	3	0		0	3	12:45	14	44	8	37	22	81
01:00	0	0			0		13:00	9	6			15	
01:15	0	0			0		13:15	10	7			17	
01:30	1	0			1		13:30	14	7			21	
01:45	1	2	0		1	2	13:45	6	39	9	29	15	68
02:00	0	1			1		14:00	9	5			14	
02:15	0	0			0		14:15	3	8			11	
02:30	0	0			0		14:30	6	7			13	
02:45	1	1	0	1	1	2	14:45	13	31	5	25	18	56
03:00	1	0			1		15:00	15	6			21	
03:15	0	0			0		15:15	16	10			26	
03:30	2	0			2		15:30	17	13			30	
03:45	0	3	0		0	3	15:45	17	65	15	44	32	109
04:00	0	2			2		16:00	16	11			27	
04:15	0	2			2		16:15	13	9			22	
04:30	0	4			4		16:30	19	7			26	
04:45	0	3	11		3	11	16:45	23	71	7	34	30	105
05:00	0	3			3		17:00	26	4			30	
05:15	1	8			9		17:15	14	7			21	
05:30	0	10			10		17:30	14	14			28	
05:45	3	4	15	36	18	40	17:45	10	64	4	29	14	93
06:00	1	11			12		18:00	14	3			17	
06:15	6	12			18		18:15	20	4			24	
06:30	7	18			25		18:30	20	7			27	
06:45	7	21	9	50	16	71	18:45	9	63	6	20	15	83
07:00	1	13			14		19:00	12	6			18	
07:15	8	10			18		19:15	8	1			9	
07:30	2	19			21		19:30	4	2			6	
07:45	5	16	18	60	23	76	19:45	7	31	5	14	12	45
08:00	8	18			26		20:00	7	3			10	
08:15	4	14			18		20:15	4	3			7	
08:30	6	7			13		20:30	4	2			6	
08:45	11	29	12	51	23	80	20:45	15	30	1	9	16	39
09:00	9	17			26		21:00	10	2			12	
09:15	8	11			19		21:15	9	1			10	
09:30	12	9			21		21:30	5	0			5	
09:45	2	31	11	48	13	79	21:45	4	28	2	5	6	33
10:00	8	13			21		22:00	5	0			5	
10:15	4	5			9		22:15	1	0			1	
10:30	9	8			17		22:30	5	1			6	
10:45	5	26	6	32	11	58	22:45	1	12	1	2	2	14
11:00	6	10			16		23:00	4	1			5	
11:15	8	6			14		23:15	2	1			3	
11:30	10	11			21		23:30	5	1			6	
11:45	12	36	12	39	24	75	23:45	0	11	0	3	0	14
TOTALS	172	328			500		TOTALS	489	251			740	
SPLIT %	34.4%	65.6%			40.3%		SPLIT %	66.1%	33.9%			59.7%	

DAILY TOTALS					NB	SB					EB	WB	Total
					661	579					0	0	1,240
AM Peak Hour	11:30	07:30			08:45		PM Peak Hour	16:30	15:15			15:15	
AM Pk Volume	44	69			89		PM Pk Volume	82	49			115	
Pk Hr Factor	0.917	0.908			0.856		Pk Hr Factor	0.788	0.817			0.898	
7 - 9 Volume	45	111	0	0	156		4 - 6 Volume	135	63	0	0	198	
7 - 9 Peak Hour	08:00	07:30			07:15		4 - 6 Peak Hour	16:30	16:00			16:45	
7 - 9 Pk	29	69	0	0	88		4 - 6 Pk	82	34	0	0	109	
Pk Hr Factor	0.659	0.908	0.000	0.000	0.846		Pk Hr Factor	0.788	0.773	0.000	0.000	0.908	



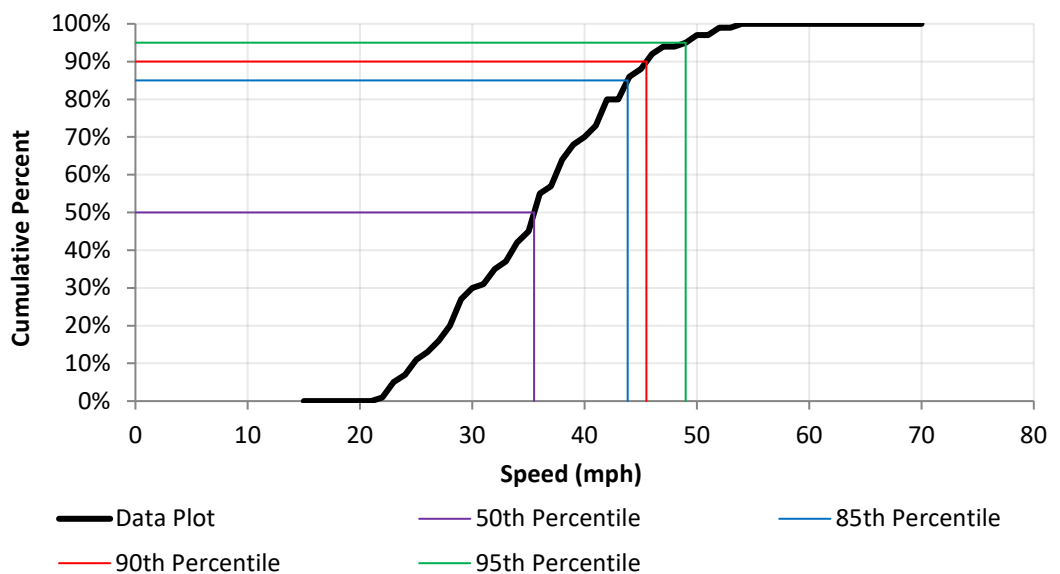
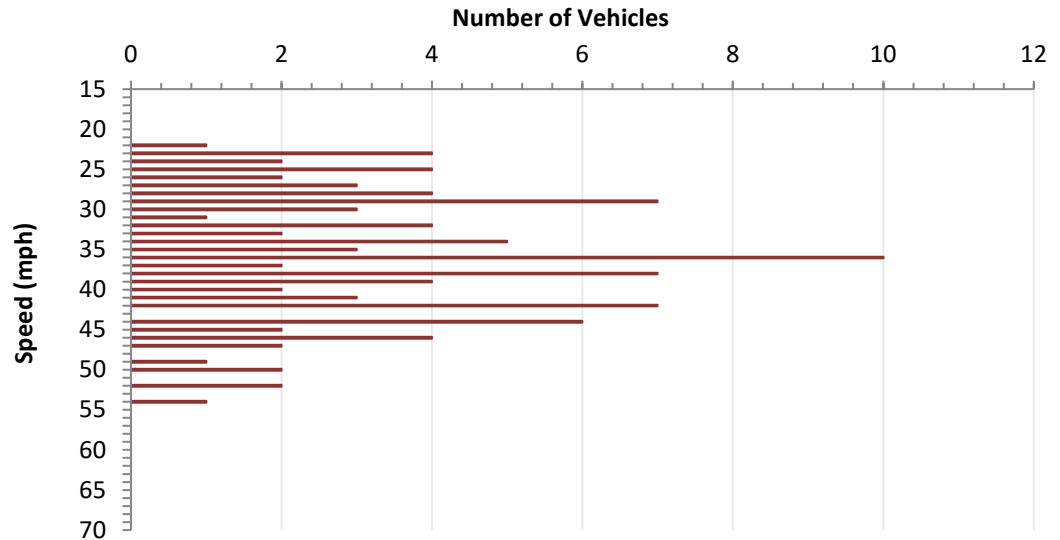
RADAR SPEED SURVEY

SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

Road Name:	Miller Rd	From:	Valley Center Rd	To:	Cole Grade Rd
Position:	200' S/o Little Creek Ln			Direction:	NB/SB

Date:	2/18/2020	Weather:	Clear	Project Number:	20-4042-003
Time Start:	10:00 AM	Road Condition:	Dry	Observer:	Contractor
Time End:	11:50 AM	Posted Speed:	45 MPH	Calibration Test:	Y

Speed (mph)	Num. Veh.	Cum. Pct.
15		
16		
17		
18		
19		
20		
21		
22	1	1.0%
23	4	5.0%
24	2	7.0%
25	4	11.0%
26	2	13.0%
27	3	16.0%
28	4	20.0%
29	7	27.0%
30	3	30.0%
31	1	31.0%
32	4	35.0%
33	2	37.0%
34	5	42.0%
35	3	45.0%
36	10	55.0%
37	2	57.0%
38	7	64.0%
39	4	68.0%
40	2	70.0%
41	3	73.0%
42	7	80.0%
43		
44	6	86.0%
45	2	88.0%
46	4	92.0%
47	2	94.0%
48		
49	1	95.0%
50	2	97.0%
51		
52	2	99.0%
53		
54	1	100.0%
55		
56		
57		
58		
59		
60		
61		
62		
63		
64		
65		
66		
67		
68		
69		
70		
Total	100	



DATA ANALYSIS

Average Speed	35.9	Range	22 - 54
50th Percentile	35.5	10 mph Pace	33 - 42
85th Percentile	43.8	Number in Pace	45
90th Percentile	45.5	Percent in Pace	45%
95th Percentile	49.0		

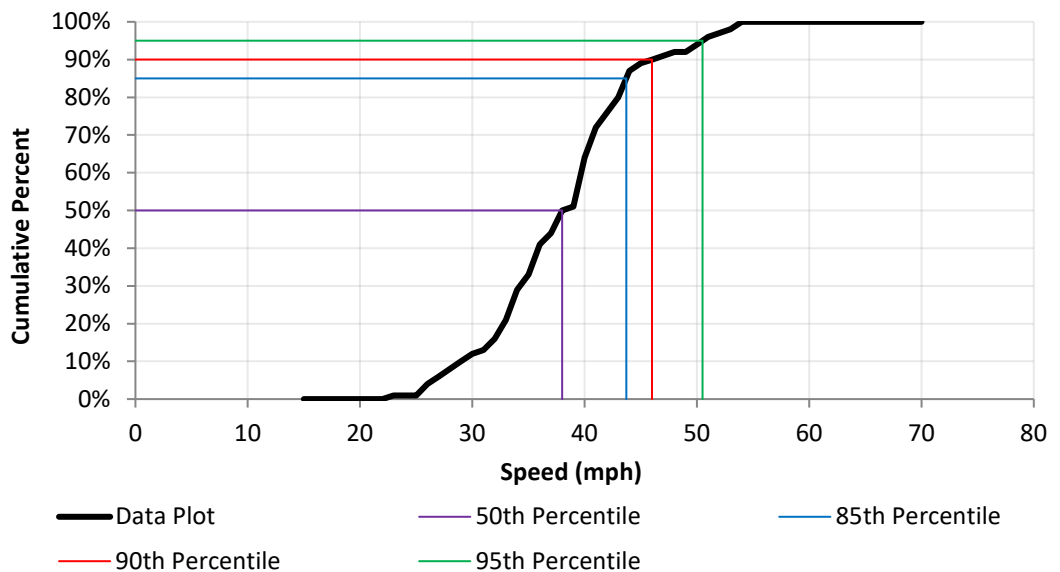
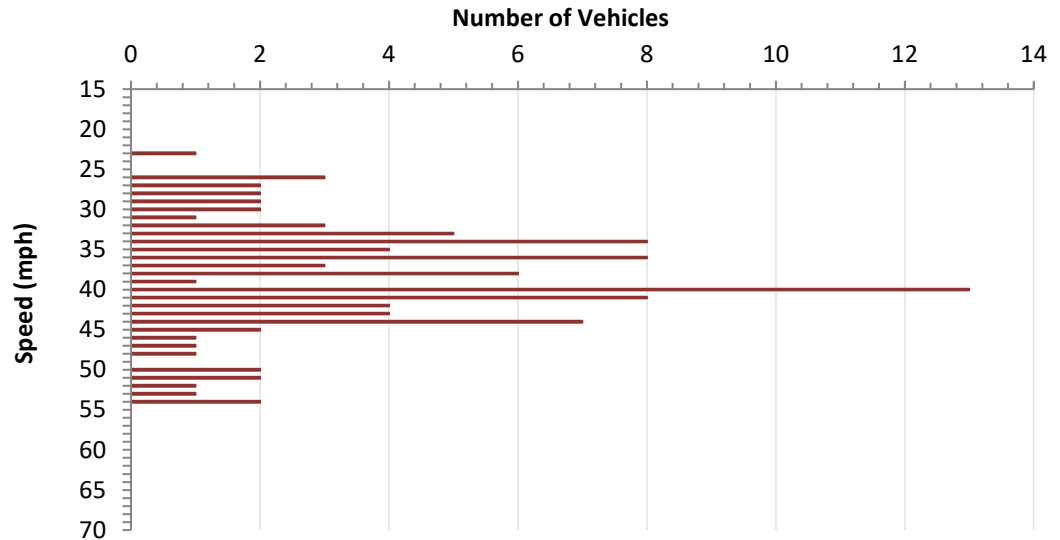


RADAR SPEED SURVEY

SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

Road Name:	Miller Rd	From:	Valley Center Rd	To:	Cole Grade Rd
Position:	300' N/o Via Encantado	Direction:	NB/SB		
Date:	2/18/2020	Weather:	Clear	Project Number:	20-4042-004
Time Start:	12:00 PM	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	1	1.0%
24		
25		
26	3	4.0%
27	2	6.0%
28	2	8.0%
29	2	10.0%
30	2	12.0%
31	1	13.0%
32	3	16.0%
33	5	21.0%
34	8	29.0%
35	4	33.0%
36	8	41.0%
37	3	44.0%
38	6	50.0%
39	1	51.0%
40	13	64.0%
41	8	72.0%
42	4	76.0%
43	4	80.0%
44	7	87.0%
45	2	89.0%
46	1	90.0%
47	1	91.0%
48	1	92.0%
49		
50	2	94.0%
51	2	96.0%
52	1	97.0%
53	1	98.0%
54	2	100.0%
55		
56		
57		
58		
59		
60		
61		
62		
63		
64		
65		
66		
67		
68		
69		
70		
Total	100	



DATA ANALYSIS

Average Speed	38.4	Range	23 - 54
50th Percentile	38.0	10 mph Pace	33 - 42
85th Percentile	43.7	Number in Pace	60
90th Percentile	46.0	Percent in Pace	60%
95th Percentile	50.5		



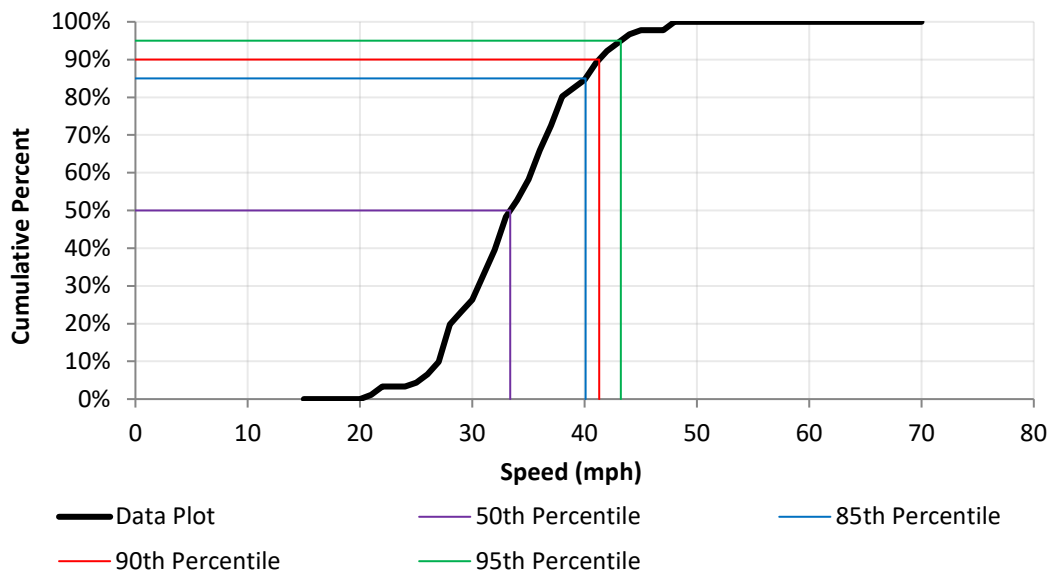
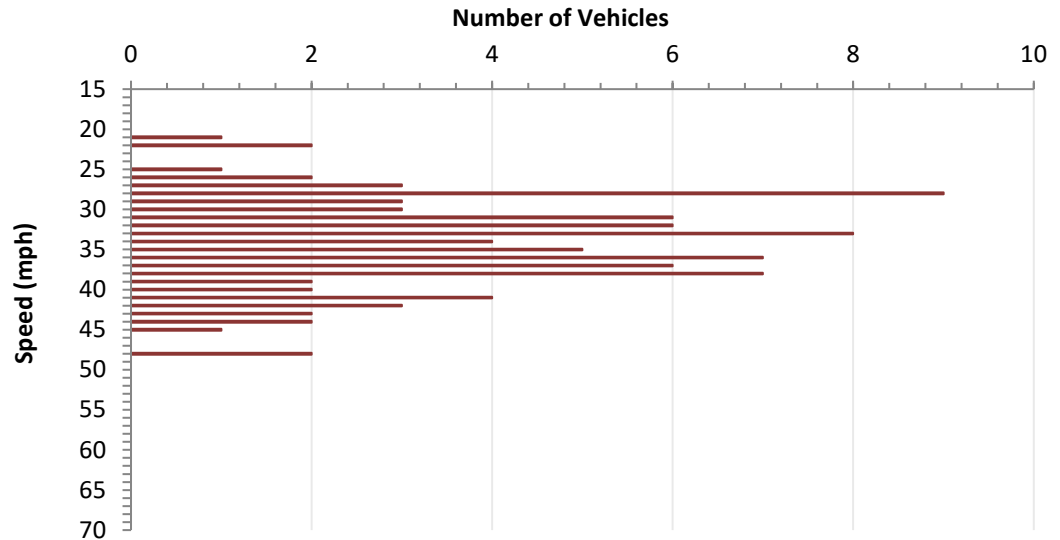
RADAR SPEED SURVEY

SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

Road Name:	Miller Rd	From:	Valley Center Rd	To:	Cole Grade Rd
Position:	600' W/o Cole Grade Rd	Direction:	NB/SB		

Date:	2/18/2020	Weather:	Clear	Project Number:	20-4042-005
Time Start:	2:00 PM	Road Condition:	Dry	Observer:	Contractor
Time End:	4:00 PM	Posted Speed:	45 MPH	Calibration Test:	Y

Speed (mph)	Num. Veh.	Cum. Pct.
15		
16		
17		
18		
19		
20		
21	1	1.1%
22	2	3.3%
23		
24		
25	1	4.4%
26	2	6.6%
27	3	9.9%
28	9	19.8%
29	3	23.1%
30	3	26.4%
31	6	33.0%
32	6	39.6%
33	8	48.4%
34	4	52.7%
35	5	58.2%
36	7	65.9%
37	6	72.5%
38	7	80.2%
39	2	82.4%
40	2	84.6%
41	4	89.0%
42	3	92.3%
43	2	94.5%
44	2	96.7%
45	1	97.8%
46		
47		
48	2	100.0%
49		
50		
51		
52		
53		
54		
55		
56		
57		
58		
59		
60		
61		
62		
63		
64		
65		
66		
67		
68		
69		
70		
Total	91	



DATA ANALYSIS

Average Speed	34.2	Range	21 - 48
50th Percentile	33.4	10 mph Pace	28 - 37
85th Percentile	40.1	Number in Pace	57
90th Percentile	41.3	Percent in Pace	63%
95th Percentile	43.2		

SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE

COMMITTEE REPORT OF: April 24, 2020 **Item 5-B**

SUPERVISORIAL DISTRICT: 5

SUBJECT: Radar Certification

LOCATION: Palm Canyon Drive from Montezuma Valley Road/Hoberg Road to Ocotillo Circle/Country Club Road (a distance of 0.89 miles) BORREGO SPRINGS (Thos. Bros. 1078-F2)

INITIATED BY: DPW Traffic Engineering

REQUEST: Radar Certification

PROBLEM AS STATED BY REQUESTER:

Palm Canyon Drive from Montezuma Valley Road/Hoberg Road to Ocotillo Circle/Country Club Road is posted 45 MPH. Preliminary review of prevailing speeds and roadway conditions could support radar certification of the existing 45 MPH speed limit.

Existing Traffic Devices

Palm Canyon Drive is a striped two-lane local roadway with a 24 foot travelled way on a 46 to 64 foot road bed. The roadway is striped with bike lane, no passing, one way passing, and two way passing centerline. There is a small portion of this segment striped with two way left turn lane and parking lane. The road is classified as a Light Collector on the County General Plan Mobility Element Network. The road is posted 45 MPH.

Average Daily Traffic Volumes 02/20

Palm Canyon Drive:	
500' E/o 5 Diamonds Road	2,774

<u>Speed Data</u>	<u>85th Percentile</u>	<u>10 MPH Pace</u>	<u>% in Pace</u>
Palm Canyon Drive:			
500' E/o 5 Diamonds Road (2020)	47.6 MPH	38-47	70.0%

Collision Data

There have been 1 reported collision along this segment of roadway, none of which involved injury, in a 3 year period (12-01-16 to 11-30-19). These collisions result in a segment accident rate of 0.37 collisions per million vehicle miles. The statewide average is 0.92 collisions per million vehicle miles for similar flat rural conventional 2 lanes or less with speeds less than or equal to 55 miles per hour.

5-B. Radar Certification

Palm Canyon Dr from Montezuma Valley Rd/Hoberg Rd to Country Club Rd/Ocotillo Circle (0.89 mi)



VOLUME

Palm Canyon Dr 500' E/O 5 Diamonds Rd

Day: Wednesday

Date: 2/19/2020

City: Borrego Springs

Project #: CA20_4040_011

DAILY TOTALS					NB	SB	EB					WB	Total	
					0	0						1,345		
AM Period	NB	SB	EB	WB	TOTAL		PM Period	NB	SB	EB	WB	TOTAL		
0:00			0	0	0		12:00			33	27	60		
0:15			1	0	1		12:15			35	33	68		
0:30			0	0	0		12:30			28	33	61		
0:45			1	2	1	1	12:45			35	131	25	118	
1:00			1	5	6		13:00			29	31	60		
1:15			1	2	3		13:15			21	31	52		
1:30			2	0	2		13:30			24	33	57		
1:45			0	4	5	12	13:45			17	91	46	141	
2:00			1	1	2		14:00			25	34	59		
2:15			0	3	3		14:15			24	24	48		
2:30			0	0	0		14:30			27	19	46		
2:45			0	1	0	4	14:45			21	97	37	114	
3:00			1	0	1		15:00			23	31	54		
3:15			0	1	1		15:15			24	33	57		
3:30			1	1	2		15:30			27	23	50		
3:45			1	3	3	5	15:45			24	98	37	124	
4:00			1	5	6		16:00			27	27	54		
4:15			1	1	2		16:15			20	32	52		
4:30			3	3	6		16:30			18	18	36		
4:45			1	6	5	14	16:45			20	85	33	110	
5:00			2	4	6		17:00			32	19	51		
5:15			4	3	7		17:15			20	25	45		
5:30			2	3	5		17:30			31	22	53		
5:45			3	11	10	20	17:45			22	105	23	89	
6:00			7	10	17		18:00			22	18	40		
6:15			7	8	15		18:15			18	9	27		
6:30			8	11	19		18:30			17	13	30		
6:45			9	31	11	40	18:45			15	72	15	55	
7:00			15	14	29		19:00			6	9	15		
7:15			8	14	22		19:15			10	9	19		
7:30			20	14	34		19:30			11	12	23		
7:45			27	70	12	54	19:45			7	34	7	37	
8:00			12	27	39		20:00			6	10	16		
8:15			25	22	47		20:15			8	9	17		
8:30			26	25	51		20:30			7	8	15		
8:45			21	84	31	105	20:45			4	25	4	31	
9:00			29	28	57		21:00			4	7	11		
9:15			20	21	41		21:15			7	5	12		
9:30			32	28	60		21:30			4	2	6		
9:45			25	106	23	100	21:45			6	21	0	14	
10:00			35	27	62		22:00			3	5	8		
10:15			29	19	48		22:15			7	4	11		
10:30			30	31	61		22:30			2	0	2		
10:45			25	119	22	99	22:45			0	12	0	9	
11:00			36	35	71		23:00			2	2	4		
11:15			30	25	55		23:15			0	4	4		
11:30			30	32	62		23:30			1	2	3		
11:45			37	133	33	125	23:45			1	4	0	8	
TOTALS			570	579	1149		TOTALS			775	850	1625		
SPLIT %			49.6%	50.4%	41.4%		SPLIT %			47.7%	52.3%	58.6%		

DAILY TOTALS					NB	SB					EB	WB	Total	
					0	0					1,345	1,429	2,774	
AM Peak Hour			11:30	11:45	11:30		PM Peak Hour			12:00	13:15	12:00		
AM Pk Volume			135	126	260		PM Pk Volume			131	144	249		
Pk Hr Factor			0.912	0.955	0.929		Pk Hr Factor			0.936	0.783	0.915		
7 - 9 Volume	0	0	154	159	313		4 - 6 Volume	0	0	190	199	389		
7 - 9 Peak Hour			7:45	8:00	8:00		4 - 6 Peak Hour			17:00	16:00	16:45		
7 - 9 Pk	0	0	90	105	189		4 - 6 Pk	0	0	105	110	202		
Pk Hr Factor	0.000	0.000	0.833	0.847	0.909		Pk Hr Factor	0.000	0.000	0.820	0.833	0.953		



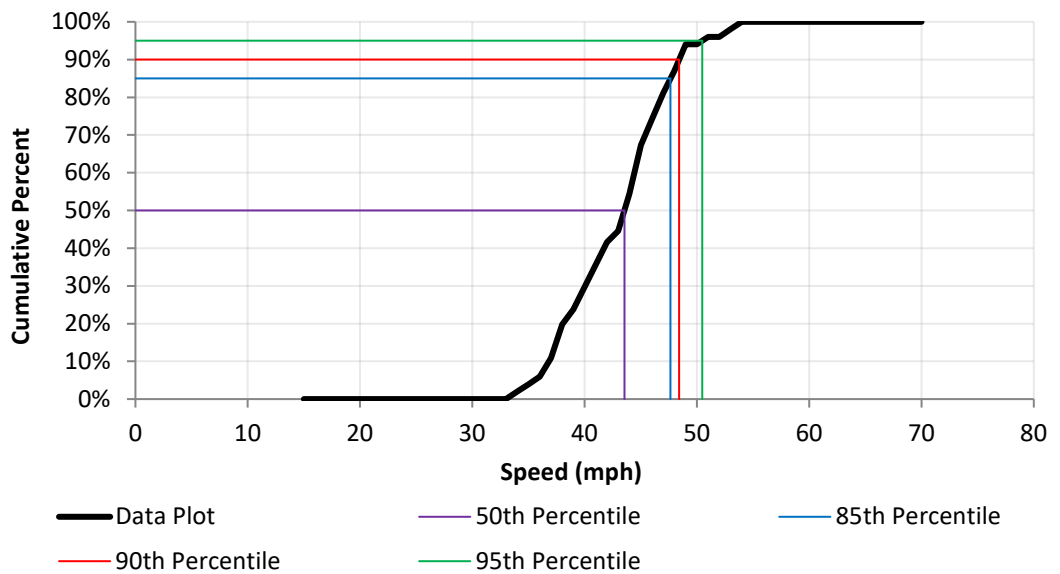
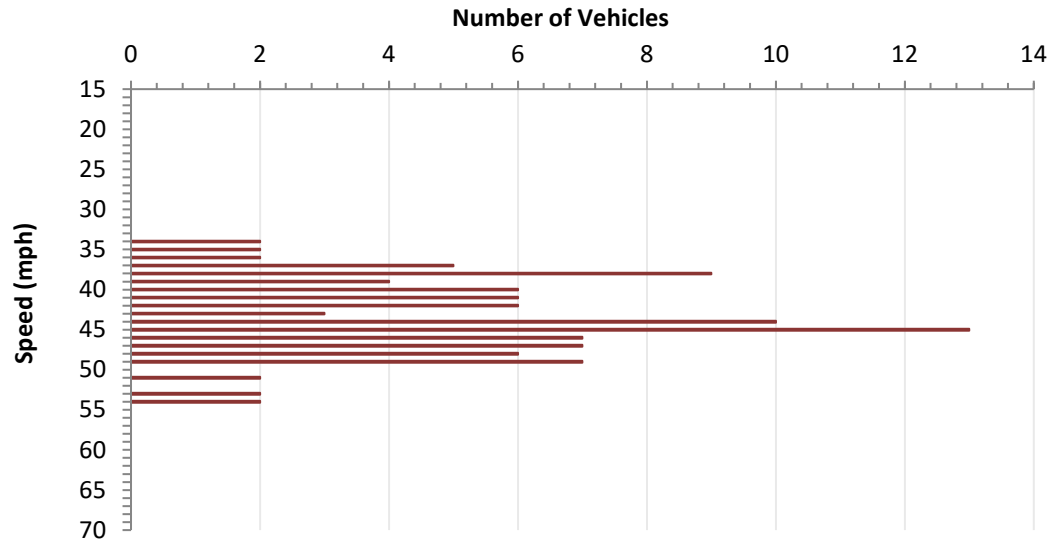
RADAR SPEED SURVEY

SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

Road Name:	Palm Canyon Dr	From:	Montezuma Valley Rd / Hoberg Rd	To:	Ocotillo Cir
Position:	500' EO 5 Diamonds Rd			Direction:	EB/WB

Date:	2/19/2020	Weather:	Clear	Project Number:	20-4042-011
Time Start:	9:00 AM	Road Condition:	Dry	Observer:	Contractor
Time End:	10:00 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		
26		
27		
28		
29		
30		
31		
32		
33		
34	2	2.0%
35	2	4.0%
36	2	5.9%
37	5	10.9%
38	9	19.8%
39	4	23.8%
40	6	29.7%
41	6	35.6%
42	6	41.6%
43	3	44.6%
44	10	54.5%
45	13	67.3%
46	7	74.3%
47	7	81.2%
48	6	87.1%
49	7	94.1%
50		
51	2	96.0%
52		
53	2	98.0%
54	2	100.0%
55		
56		
57		
58		
59		
60		
61		
62		
63		
64		
65		
66		
67		
68		
69		
70		
Total	101	



DATA ANALYSIS

Average Speed	43.4	Range	34 - 54
50th Percentile	43.6	10 mph Pace	38 - 47
85th Percentile	47.6	Number in Pace	71
90th Percentile	48.4	Percent in Pace	70%
95th Percentile	50.5		

SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE

COMMITTEE REPORT OF: April 24, 2020 **Item 5-C**

SUPERVISORIAL DISTRICT: 5

SUBJECT: Radar Certification

LOCATION: Palm Canyon Drive from Ocotillo Circle/Country Club Road to Christmas Circle Drive (a distance of 0.48 miles) BORREGO SPRINGS (Thos. Bros. 1078-H2)

INITIATED BY: DPW Traffic Engineering

REQUEST: Radar Certification

PROBLEM AS STATED BY REQUESTER:

Palm Canyon Drive from Ocotillo Circle/Country Club Road to Christmas Circle Drive is posted 35 MPH. Preliminary review of prevailing speeds and roadway conditions could support radar certification of the existing 35 MPH speed limit.

Existing Traffic Devices

Palm Canyon Drive is a striped three-lane local roadway with a 40 foot travelled way on a 66 to 82 foot road bed. The roadway is striped with bike lane, parking lane, two way left turn lane, and no passing centerline. Palm Canyon Drive also has a small portion of roadway with diagonal on street parking. The road is classified as a Light Collector on the County General Plan Mobility Element Network. The road is posted 35 MPH.

Average Daily Traffic Volumes

Palm Canyon Drive:

900' E/o Ocotillo Circle

02/20

3,058

03/18

1,350' E/o Ocotillo Circle

5,052

Speed Data

Palm Canyon Drive:

900' E/o Ocotillo Circle

(2020)

**85th
Percentile**

38.8 MPH

**10 MPH
Pace**

32-41

**% in
Pace**

93.0%

Collision Data

There have been 3 reported collisions along this segment of roadway, none of which involved injury, in a 3 year period (12-01-16 to 11-30-19). These collisions result in a segment accident rate of 1.87 collisions per million vehicle miles. The statewide average is 0.94 collisions per million vehicle miles for similar rural conventional 3 lanes.

5-C. Radar Certification

**Palm Canyon Dr from Country Club Rd/Ocotillo Circle to
Christmas Circle Dr (0.48 mi)**



VOLUME

Palm Canyon Dr 900' E/O Ocotillo Cir

Day: Wednesday

Date: 2/19/2020

City: Borrego Springs

Project #: CA20_4040_013

DAILY TOTALS					NB	SB	EB					WB	Total
					0	0						1,536	1,522
AM Period	NB	SB	EB	WB	TOTAL		PM Period	NB	SB	EB	WB	TOTAL	
0:00			1	1	2		12:00			35	33	68	
0:15			1	0	1		12:15			36	43	79	
0:30			0	0	0		12:30			25	32	57	
0:45			1	3	2	3	12:45			35	131	30	138
1:00			2	5	7		13:00			31	30	61	
1:15			1	2	3		13:15			25	36	61	
1:30			2	1	3		13:30			31	37	68	
1:45			0	5	6	14	13:45			18	105	38	141
2:00			0	2	2		14:00			36	38	74	
2:15			1	5	6		14:15			32	26	58	
2:30			1	0	1		14:30			26	16	42	
2:45			0	2	0	7	14:45			27	121	29	109
3:00			1	0	1		15:00			28	29	57	
3:15			0	1	1		15:15			33	37	70	
3:30			1	1	2		15:30			26	35	61	
3:45			1	3	3	5	15:45			21	108	39	140
4:00			1	3	4		16:00			23	37	60	
4:15			0	0	0		16:15			29	33	62	
4:30			3	3	6		16:30			17	24	41	
4:45			0	4	3	9	16:45			20	89	34	128
5:00			1	4	5		17:00			34	27	61	
5:15			5	2	7		17:15			28	30	58	
5:30			3	2	5		17:30			27	21	48	
5:45			2	11	8	16	17:45			28	117	28	106
6:00			12	9	21		18:00			23	21	44	
6:15			7	7	14		18:15			19	14	33	
6:30			11	9	20		18:30			19	18	37	
6:45			11	41	9	34	18:45			15	76	18	71
7:00			14	12	26		19:00			10	13	23	
7:15			12	15	27		19:15			11	8	19	
7:30			27	13	40		19:30			13	15	28	
7:45			31	84	14	54	19:45			13	47	9	45
8:00			23	28	51		20:00			14	7	21	
8:15			30	20	50		20:15			10	11	21	
8:30			33	22	55		20:30			10	6	16	
8:45			22	108	22	92	20:45			5	39	8	32
9:00			32	24	56		21:00			2	8	10	
9:15			22	26	48		21:15			5	4	9	
9:30			33	26	59		21:30			5	2	7	
9:45			34	121	24	100	21:45			3	15	2	16
10:00			37	29	66		22:00			4	3	7	
10:15			32	22	54		22:15			4	1	5	
10:30			39	32	71		22:30			2	0	2	
10:45			35	143	30	113	22:45			0	10	0	4
11:00			42	45	87		23:00			1	2	3	
11:15			35	21	56		23:15			3	0	3	
11:30			37	43	80		23:30			0	0	0	
11:45			33	147	34	143	23:45			2	6	0	2
TOTALS			672	590	1262		TOTALS			864	932	1796	
SPLIT %			53.2%	46.8%	41.3%		SPLIT %			48.1%	51.9%	58.7%	

DAILY TOTALS					NB	SB					EB	WB	Total	
					0	0					1,536	1,522	3,058	
AM Peak Hour			10:30	11:30	11:30		PM Peak Hour			12:00	13:15	12:00		
AM Pk Volume			151	153	294		PM Pk Volume			131	149	269		
Pk Hr Factor			0.899	0.890	0.919		Pk Hr Factor			0.910	0.980	0.851		
7 - 9 Volume	0	0	192	146	338		4 - 6 Volume	0	0	206	234	440		
7 - 9 Peak Hour			7:45	8:00	7:45		4 - 6 Peak Hour			17:00	16:00	17:00		
7 - 9 Pk	0	0	117	92	201		4 - 6 Pk	0	0	117	128	223		
Pk Hr Factor	0.000	0.000	0.886	0.821	0.914		Pk Hr Factor	0.000	0.000	0.860	0.865	0.914		



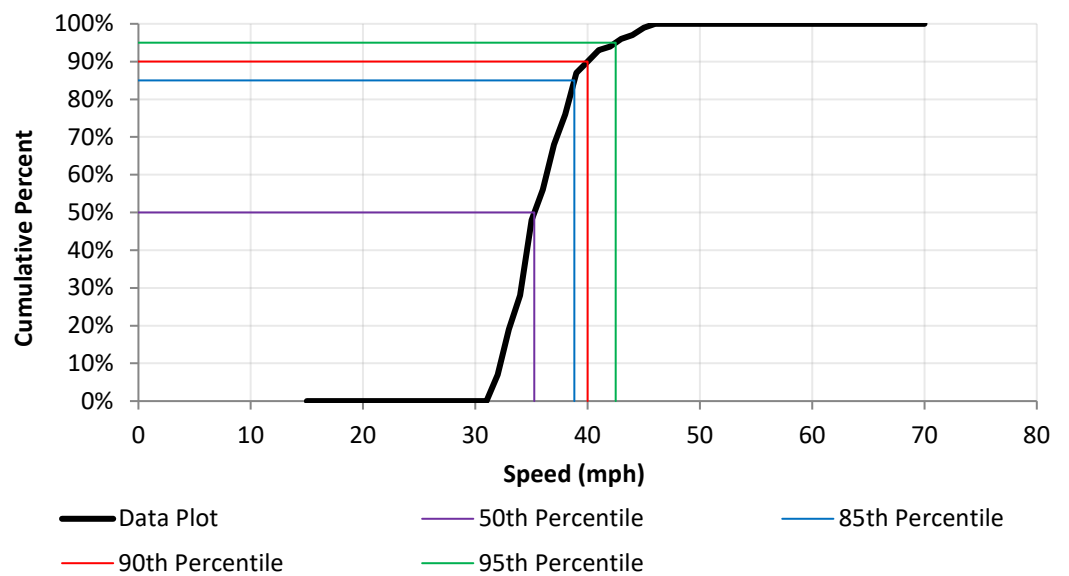
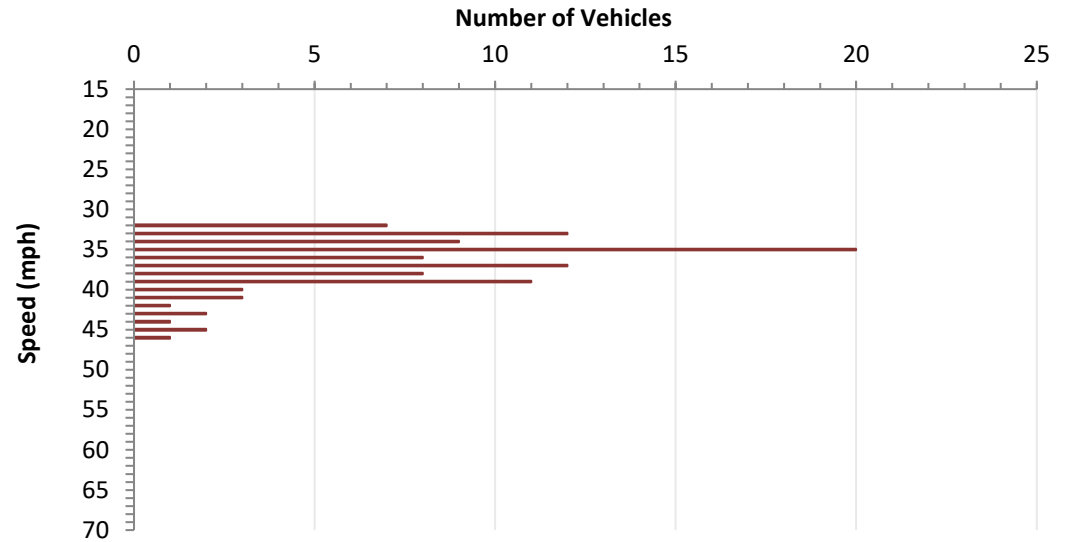
RADAR SPEED SURVEY

SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

Road Name:	Palm Canyon Dr	From:	Ocotillo Cir	To:	Christmas Circle Dr
Position:	900' E/o Ocotillo Cir	Direction:	EB/WB		

Date:	2/19/2020	Weather:	Clear	Project Number:	20-4042-013
Time Start:	10:00 AM	Road Condition:	Dry	Observer:	Contractor
Time End:	11:00 AM	Posted Speed:	35 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	7	7.0%
33	12	19.0%
34	9	28.0%
35	20	48.0%
36	8	56.0%
37	12	68.0%
38	8	76.0%
39	11	87.0%
40	3	90.0%
41	3	93.0%
42	1	94.0%
43	2	96.0%
44	1	97.0%
45	2	99.0%
46	1	100.0%
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	100	



DATA ANALYSIS

Average Speed	36.4	Range	32 - 46
50th Percentile	35.3	10 mph Pace	32 - 41
85th Percentile	38.8	Number in Pace	93
90th Percentile	40.0	Percent in Pace	93%
95th Percentile	42.5		

SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE

COMMITTEE REPORT OF: April 24, 2020 **Item 5-D**

SUPERVISORIAL DISTRICT: 5

SUBJECT: Radar Certification

LOCATION: Palm Canyon Drive from Christmas Circle Drive to Di Giorgio Road (a distance of 0.48 miles) BORREGO SPRINGS (Thos. Bros. 1078-J2)

INITIATED BY: DPW Traffic Engineering

REQUEST: Radar Certification

PROBLEM AS STATED BY REQUESTER:

Palm Canyon Drive from Christmas Circle Drive to Di Giorgio Road is posted 40 MPH. Preliminary review of prevailing speeds and roadway conditions could support radar certification of the existing 40 MPH speed limit.

Existing Traffic Devices

Palm Canyon Drive is a striped two-lane local roadway with a 24 to 32 foot travelled way on a 60 to 70 foot road bed. The roadway is striped with bike lane, parking lane, and no passing centerline. The road is classified as a Light Collector on the County General Plan Mobility Element Network. The road is posted 40 MPH.

Average Daily Traffic Volumes

	<u>02/20</u>	<u>10/16</u>
Palm Canyon Drive:		
200' E/o Stirrup Road	4,180	2,659

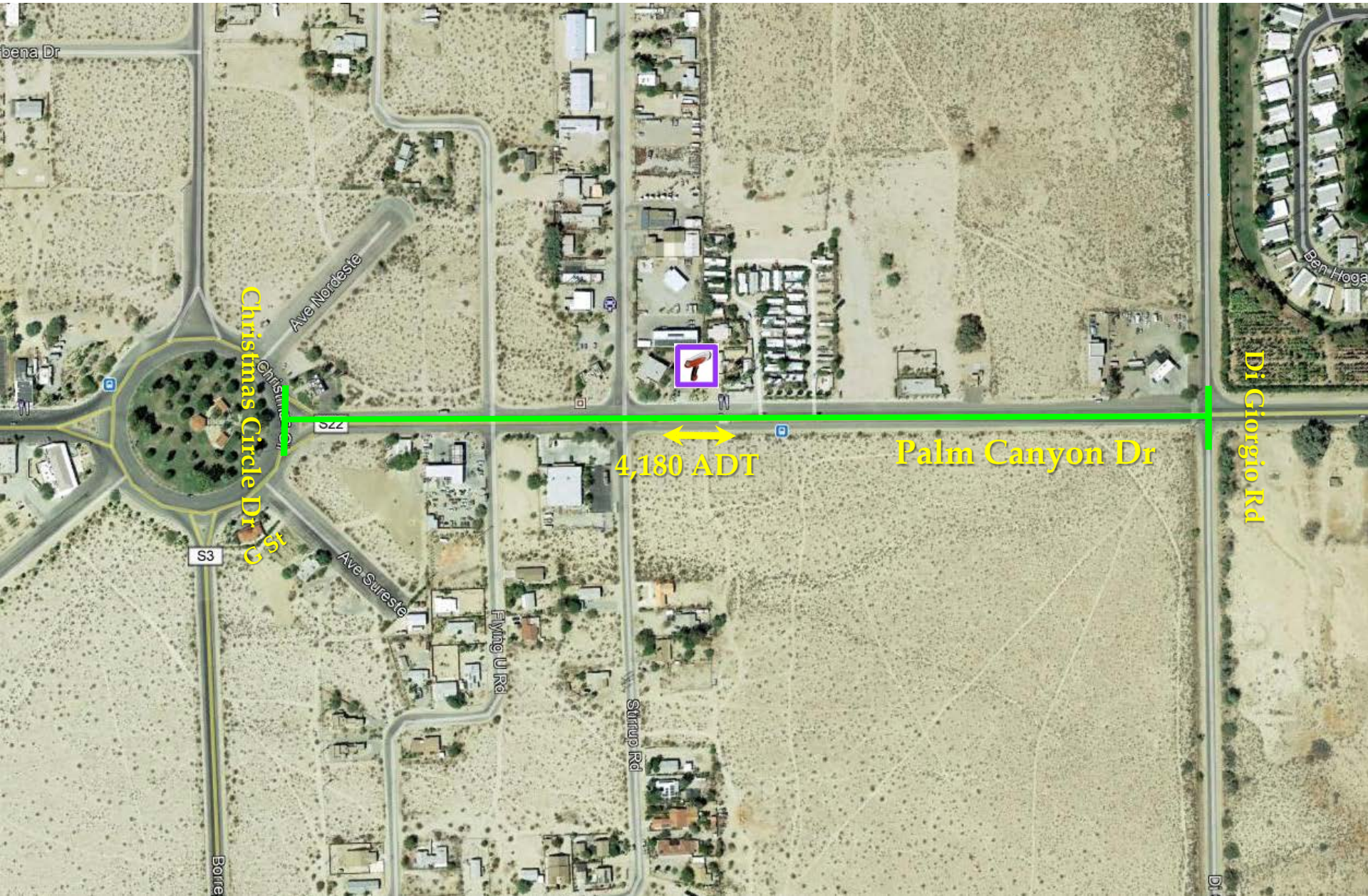
<u>Speed Data</u>		<u>85th Percentile</u>	<u>10 MPH Pace</u>	<u>% in Pace</u>
Palm Canyon Drive:				
200' E/o Stirrup Road	(2020)	43.9 MPH	34-43	84.0%

Collision Data

There have been 1 reported collision along this segment of roadway, none of which involved injury, in a 3 year period (12-01-16 to 11-30-19). These collisions result in a segment accident rate of 0.46 collisions per million vehicle miles. The statewide average is 0.87 collisions per million vehicle miles for similar flat rural conventional 2 lanes or less with speeds less than or equal to 55 MPH.

5-D. Radar Certification

Palm Cyn Dr from Christmas Circle Dr to Di Giorgio Rd (0.48 mi)



VOLUME

Palm Canyon Dr 200' E/O Stirrup Rd

Day: Wednesday

Date: 2/19/2020

City: Borrego Springs

Project #: CA20_4040_010

DAILY TOTALS					NB	SB	EB					WB	Total
					0	0	2,115					2,065	4,180
AM Period	NB	SB	EB	WB	TOTAL		PM Period	NB	SB	EB	WB	TOTAL	
0:00			1	1	2		12:00			46	52	98	
0:15			1	0	1		12:15			39	55	94	
0:30			1	0	1		12:30			40	43	83	
0:45			0	3	2	6	12:45			50	175	40	190
1:00			2	4	6		13:00			52	27	79	
1:15			0	2	2		13:15			39	49	88	
1:30			0	0	0		13:30			50	31	81	
1:45			0	2	5	13	13:45			48	189	37	144
2:00			2	4	6		14:00			39	52	91	
2:15			1	3	4		14:15			50	39	89	
2:30			0	0	0		14:30			51	42	93	
2:45			0	3	0	10	14:45			52	192	46	179
3:00			0	0	0		15:00			51	79	130	
3:15			1	1	2		15:15			63	49	112	
3:30			0	1	1		15:30			50	56	106	
3:45			2	3	3	5	15:45			28	192	41	225
4:00			1	1	2		16:00			47	46	93	
4:15			0	0	0		16:15			46	38	84	
4:30			4	3	7		16:30			25	22	47	
4:45			2	7	2	6	16:45			25	143	44	150
5:00			4	2	6		17:00			29	44	73	
5:15			11	2	13		17:15			40	33	73	
5:30			9	3	12		17:30			41	28	69	
5:45			20	44	4	11	17:45			28	138	33	138
6:00			9	8	17		18:00			18	20	38	
6:15			14	9	23		18:15			21	21	42	
6:30			10	15	25		18:30			18	19	37	
6:45			12	45	20	52	18:45			23	80	25	85
7:00			12	12	24		19:00			18	9	27	
7:15			23	14	37		19:15			12	15	27	
7:30			37	34	71		19:30			11	6	17	
7:45			68	140	48	108	19:45			7	48	10	40
8:00			62	38	100		20:00			5	8	13	
8:15			30	46	76		20:15			10	11	21	
8:30			25	25	50		20:30			10	5	15	
8:45			25	142	22	131	20:45			8	33	4	28
9:00			38	41	79		21:00			10	5	15	
9:15			41	36	77		21:15			4	4	8	
9:30			31	42	73		21:30			12	4	16	
9:45			41	151	37	156	21:45			10	36	5	18
10:00			33	57	90		22:00			4	5	9	
10:15			35	27	62		22:15			3	2	5	
10:30			34	40	74		22:30			3	1	4	
10:45			48	150	45	169	22:45			1	11	1	9
11:00			56	48	104		23:00			1	2	3	
11:15			44	48	92		23:15			0	2	2	
11:30			36	42	78		23:30			0	1	1	
11:45			47	183	55	193	23:45			4	5	2	7
TOTALS			873	852	1725		TOTALS			1242	1213	2455	
SPLIT %			50.6%	49.4%	41.3%		SPLIT %			50.6%	49.4%	58.7%	

DAILY TOTALS					NB	SB	EB				WB	Total
					0	0	2,115				2,065	4,180
AM Peak Hour			7:30	11:45	11:45		PM Peak Hour			14:30	14:45	14:45
AM Pk Volume			197	205	377		PM Pk Volume			217	230	446
Pk Hr Factor			0.724	0.932	0.924		Pk Hr Factor			0.861	0.728	0.858
7 - 9 Volume	0	0	282	239	521		4 - 6 Volume	0	0	281	288	569
7 - 9 Peak Hour			7:30	7:30	7:30		4 - 6 Peak Hour			16:00	16:00	16:00
7 - 9 Pk	0	0	197	166	363		4 - 6 Pk	0	0	143	150	293
Pk Hr Factor	0.000	0.000	0.724	0.865	0.782		Pk Hr Factor	0.000	0.000	0.761	0.815	0.788



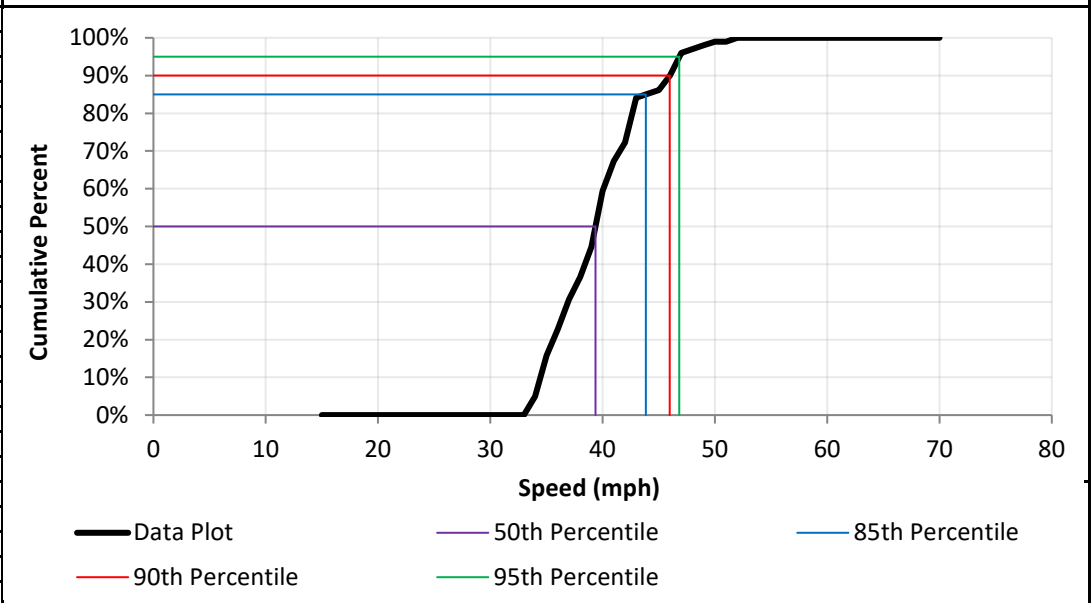
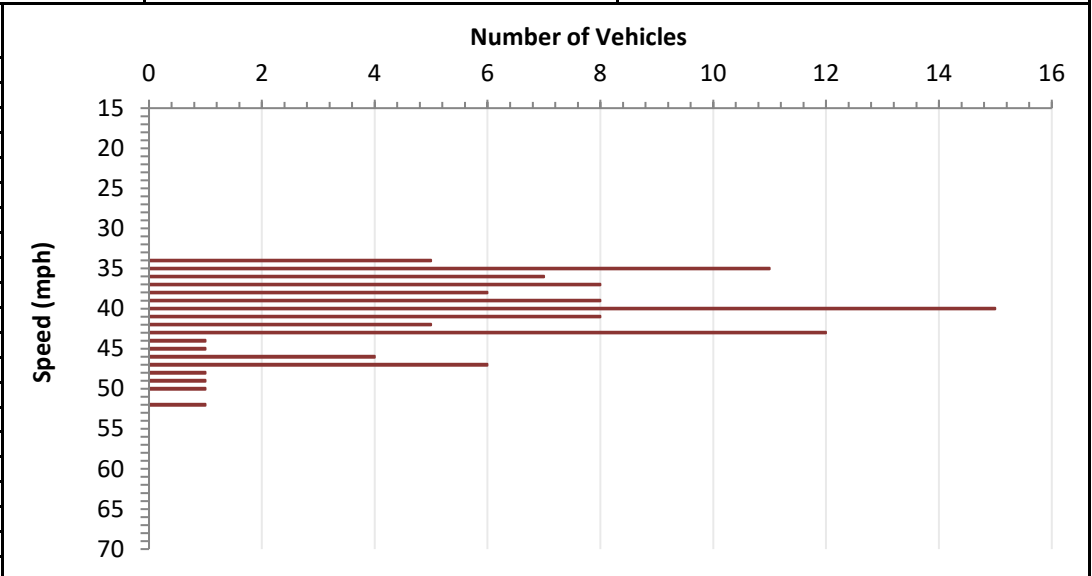
RADAR SPEED SURVEY

SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

Road Name:	Palm Canyon Dr	From:	Christmas Circle Dr	To:	Di Giorgio Rd
Position:	200' E/o Stirrup Rd	Direction:	EB/WB		

Date:	2/19/2020	Weather:	Clear	Project Number:	20-4042-010
Time Start:	11:00 AM	Road Condition:	Dry	Observer:	Contractor
Time End:	12:30 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		
30		
31		
32		
33		
34	5	5.0%
35	11	15.8%
36	7	22.8%
37	8	30.7%
38	6	36.6%
39	8	44.6%
40	15	59.4%
41	8	67.3%
42	5	72.3%
43	12	84.2%
44	1	85.1%
45	1	86.1%
46	4	90.1%
47	6	96.0%
48	1	97.0%
49	1	98.0%
50	1	99.0%
51		
52	1	100.0%
53		
54		
55		
56		
57		
58		
59		
60		
61		
62		
63		
64		
65		
66		
67		
68		
69		
70		
Total	101	



DATA ANALYSIS			
Average Speed	40.1	Range	34 - 52
50th Percentile	39.4	10 mph Pace	34 - 43
85th Percentile	43.9	Number in Pace	85
90th Percentile	46.0	Percent in Pace	84%
95th Percentile	46.8		

SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE

COMMITTEE REPORT OF: April 24, 2020 **Item 5-E**

SUPERVISORIAL DISTRICT: 5

SUBJECT: Radar Certification

LOCATION: Palm Canyon Drive from Di Giorgio Road to Borrego Valley Road (a distance of 1.04 miles) BORREGO SPRINGS (Thos. Bros. 1079-A2)

INITIATED BY: DPW Traffic Engineering

REQUEST: Radar Certification

PROBLEM AS STATED BY REQUESTER:

Palm Canyon Drive from Di Giorgio Road to Borrego Valley Road is posted 50 MPH. Preliminary review of prevailing speeds and roadway conditions could support radar certification of the existing 50 MPH speed limit.

Existing Traffic Devices

Palm Canyon Drive is a striped two-lane local roadway with a 24 foot travelled way on a 42 to 44 foot road bed. The roadway is striped with bike lane and no passing centerline. The road is classified as a Light Collector on the County General Plan Mobility Element Network. The road is posted 50 MPH.

Average Daily Traffic Volumes

02/20

Palm Canyon Drive:

700' E/o Di Giorgio Road 2,740

Speed Data

**85th
Percentile**

**10 MPH
Pace**

**% in
Pace**

Palm Canyon Drive:

700' E/o Di Giorgio Road (2020) 50.2 MPH 42-51 77.0%

Collision Data

There have been 2 reported collisions along this segment of roadway, 1 of which involved injury, in a 3 year period (12-01-16 to 11-30-19). These collisions result in a segment accident rate of 0.64 collisions per million vehicle miles. The statewide average is 0.92 collisions per million vehicle miles for similar flat rural conventional 2 lanes or less with speeds less than or equal to 55 MPH.

5-E. Radar Certification

Palm Cyn Dr from Di Giorgio Rd to Borrego Valley Rd (1.04 mi)



VOLUME

Palm Canyon Dr 700' E/O Di Giorgio Rd

Day: Wednesday

Date: 2/19/2020

City: Borrego Springs

Project #: CA20_4040_012

DAILY TOTALS					NB	SB	EB				WB	Total
					0	0	1,335				1,405	2,740
AM Period	NB	SB	EB	WB	TOTAL		PM Period	NB	SB	EB	WB	TOTAL
0:00			0	0	0		12:00			15	33	48
0:15			1	0	1		12:15			23	36	59
0:30			1	0	1		12:30			22	25	47
0:45			0	2	2	4	12:45			20	80	100
1:00			0	3	3		13:00			26	21	47
1:15			0	2	2		13:15			28	28	56
1:30			0	0	0		13:30			39	23	62
1:45			0	3	3	8	13:45			28	121	149
2:00			2	0	2		14:00			31	36	67
2:15			0	3	3		14:15			18	22	40
2:30			0	0	0		14:30			31	34	65
2:45			0	2	0	3	14:45			46	126	172
3:00			0	0	0		15:00			33	63	96
3:15			1	0	1		15:15			32	35	67
3:30			0	1	1		15:30			30	28	58
3:45			2	3	2	3	15:45			19	114	133
4:00			1	1	2		16:00			28	37	65
4:15			0	0	0		16:15			24	30	54
4:30			2	3	5		16:30			21	14	35
4:45			1	4	1	5	16:45			16	89	105
5:00			8	1	9		17:00			20	29	49
5:15			3	2	5		17:15			30	28	58
5:30			4	1	5		17:30			22	17	39
5:45			14	29	3	7	17:45			19	91	110
6:00			8	4	12		18:00			12	9	21
6:15			11	4	15		18:15			13	14	27
6:30			8	10	18		18:30			15	11	26
6:45			10	37	13	31	18:45			12	52	64
7:00			9	7	16		19:00			8	7	15
7:15			16	14	30		19:15			6	8	14
7:30			30	20	50		19:30			3	4	7
7:45			51	106	40	81	19:45			3	20	23
8:00			57	30	87		20:00			1	5	6
8:15			26	50	76		20:15			5	6	11
8:30			17	20	37		20:30			4	4	8
8:45			18	118	23	123	20:45			1	11	12
9:00			28	28	56		21:00			5	3	8
9:15			31	21	52		21:15			1	2	3
9:30			24	18	42		21:30			6	2	8
9:45			29	112	25	92	21:45			3	15	18
10:00			21	48	69		22:00			1	4	5
10:15			24	15	39		22:15			2	2	4
10:30			21	28	49		22:30			0	2	2
10:45			25	91	24	115	22:45			0	3	3
11:00			29	24	53		23:00			1	3	4
11:15			32	29	61		23:15			0	2	2
11:30			20	30	50		23:30			0	1	1
11:45			27	108	41	124	23:45			0	1	1
TOTALS			612	594	1206		TOTALS			723	811	1534
SPLIT %			50.7%	49.3%	44.0%		SPLIT %			47.1%	52.9%	56.0%

DAILY TOTALS					NB	SB	EB				WB	Total
					0	0	1,335				1,405	2,740
AM Peak Hour			7:30	7:30	7:30		PM Peak Hour			14:30	14:30	14:30
AM Pk Volume			164	140	304		PM Pk Volume			142	157	299
Pk Hr Factor			0.719	0.700	0.835		Pk Hr Factor			0.772	0.623	0.779
7 - 9 Volume	0	0	224	204	428		4 - 6 Volume	0	0	180	203	383
7 - 9 Peak Hour			7:30	7:30	7:30		4 - 6 Peak Hour			17:00	16:00	16:00
7 - 9 Pk	0	0	164	140	304		4 - 6 Pk	0	0	91	112	201
Pk Hr Factor	0.000	0.000	0.719	0.700	0.835		Pk Hr Factor	0.000	0.000	0.758	0.757	0.773

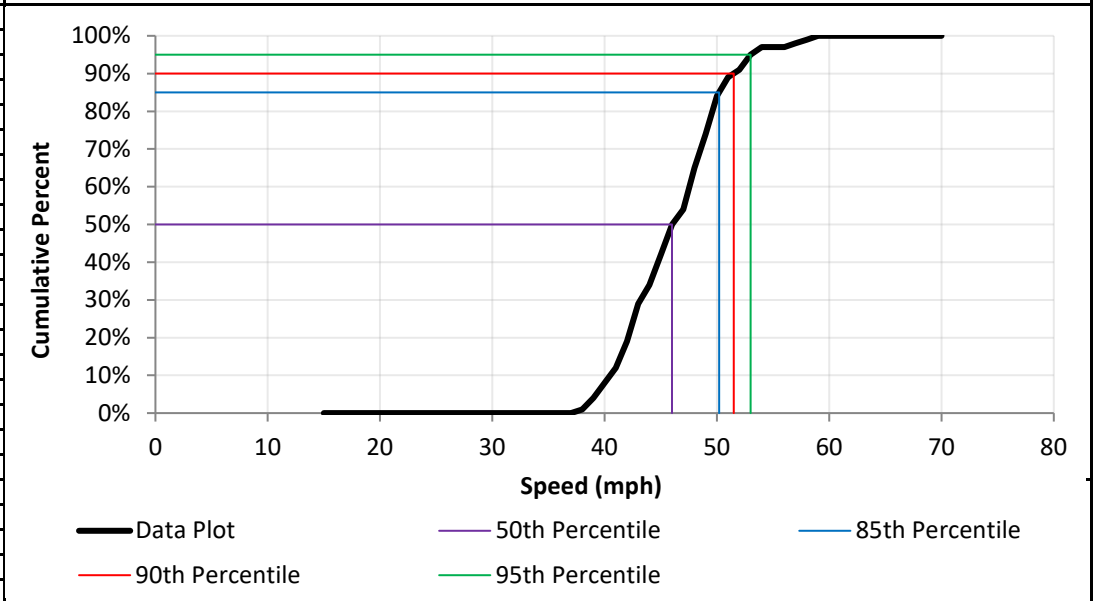
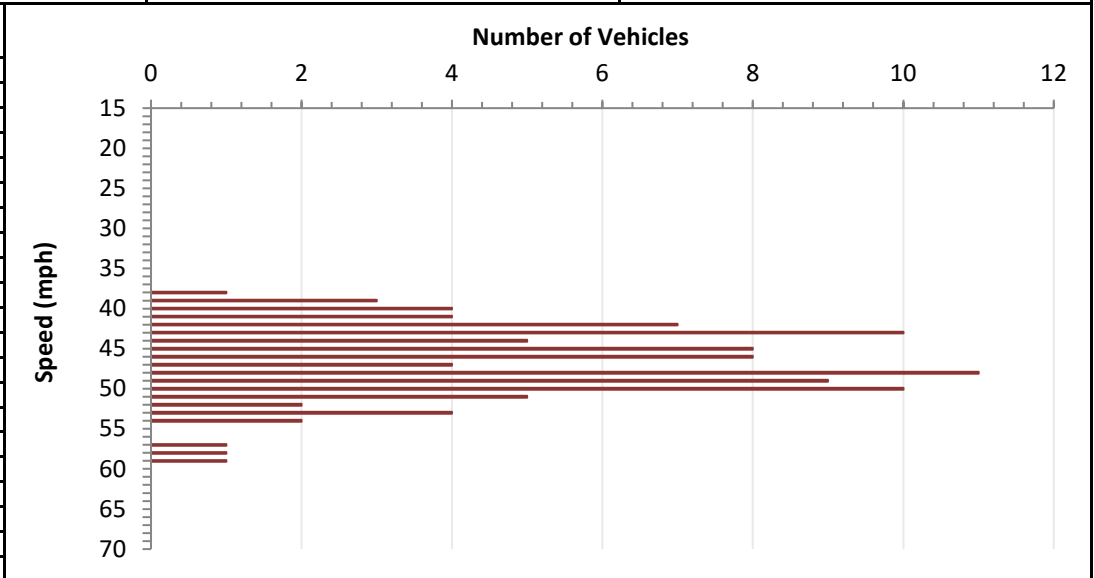


RADAR SPEED SURVEY

SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

Road Name:	Palm Canyon Dr	From:	Di Giorgio Rd	To:	Borrego Valley Rd
Position:	700' EO Di Giorgio Rd	Direction:	EB/WB		
Date:	2/19/2020	Weather:	Clear	Project Number:	20-4042-012
Time Start:	12:30 PM	Road Condition:	Dry	Observer:	Contractor
Time End:	1:30 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		
28		
29		
30		
31		
32		
33		
34		
35		
36		
37		
38	1	1.0%
39	3	4.0%
40	4	8.0%
41	4	12.0%
42	7	19.0%
43	10	29.0%
44	5	34.0%
45	8	42.0%
46	8	50.0%
47	4	54.0%
48	11	65.0%
49	9	74.0%
50	10	84.0%
51	5	89.0%
52	2	91.0%
53	4	95.0%
54	2	97.0%
55		
56		
57	1	98.0%
58	1	99.0%
59	1	100.0%
60		
61		
62		
63		
64		
65		
66		
67		
68		
69		
70		
Total	100	



DATA ANALYSIS			
Average Speed	46.6	Range	38 - 59
50th Percentile	46.0	10 mph Pace	42 - 51
85th Percentile	50.2	Number in Pace	77
90th Percentile	51.5	Percent in Pace	77%
95th Percentile	53.0		