

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

October 15, 2020

TO: Community Planning/Sponsor Group Chairpersons

FROM: Secretary, Traffic Advisory Committee

MEETING NOTICE

Attached is the preliminary agenda for the October 23, 2020, meeting of the Traffic Advisory Committee (TAC).

Social distancing is currently mandatory due to the COVID-19 pandemic. This TAC meeting on October 23, 2020, will be conducted with a virtual meeting platform option. Please use this link below to join the meeting:

[Join Microsoft Teams Meeting](#)

[+1 619-343-2539](#) United States, San Diego (Toll)

Conference ID: 780 272 739#

[Local numbers](#) | [Reset PIN](#) | [Learn more about Teams](#) | [Meeting options](#)

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

October 23, 2020 ~ 9:00 AM
5510 Overland Ave, Room 271
San Diego CA, 92123

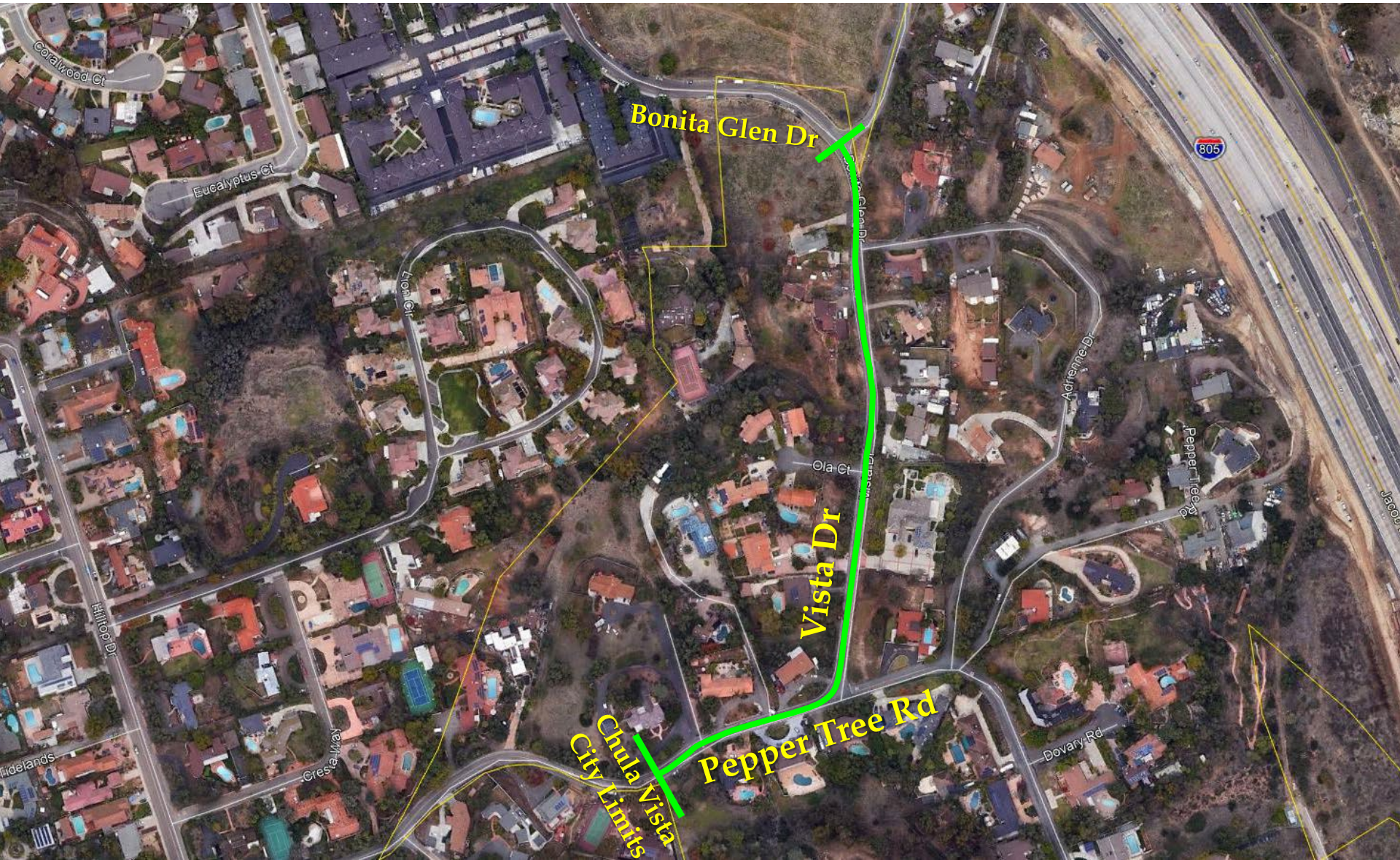
REVISED AGENDA

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

SUBJECT	LOCATION	AREA	PLANNING/ SPONSOR GROUP
<u>SUPERVISORIAL DISTRICT 1</u>			
1-A. RADAR CERTIFICATION	PEPPER TREE RD/ VISTA DR	CHULA VISTA	SWEETWATER
<u>SUPERVISORIAL DISTRICT 2</u>			
2-A. RADAR CERTIFICATION	GREENFIELD DR	EL CAJON	CREST-DEHESA
2-B. RADAR CERTIFICATION	GREENFIELD DR	EL CAJON	CREST-DEHESA
<u>SUPERVISORIAL DISTRICT 3</u>			
3-A. RADAR CERTIFICATION	CAMINO SAN BERNARDO	4S RANCH	SAN DIEGUITO
3-B. RADAR CERTIFICATION	ANAHEIM ST	SAN PASQUAL	N/A
<u>SUPERVISORIAL DISTRICT 5</u>			
5-A. RADAR CERTIFICATION	MCDONALD RD	FALLBROOK	FALLBROOK
5-B. WEIGHT RESTRICTION	LAURASHAWN LN /ARCO DR	ESCONDIDO	HIDDEN MEADOWS

1-A. Radar Certification

Pepper Tree Rd/Vista Dr from Chula Vista City Limits to Bonita Glen Dr (0.31 mi)



SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE

COMMITTEE REPORT OF: October 23, 2020

Item 1-A

SUPERVISORIAL DISTRICT: 1

SUBJECT: Radar Certification

LOCATION: Pepper Tree Road/Vista Drive from Chula Vista city limit to Bonita Glen Drive (a distance of 0.31 miles)
BONITA (Thos. Bros. 1310-D6)

INITIATED BY: DPW Traffic Engineering

REQUEST: Radar Certification

PROBLEM AS STATED BY REQUESTER:

Pepper Tree Road from Chula Vista City limit to Vista Drive is a posted 25 MPH speed zone. Vista Drive from Pepper Tree Road to Bonita Glen Drive is a posted 35 MPH speed zone. Preliminary review of prevailing speeds and roadway conditions could support certifying a 25 MPH speed limit for radar enforcement on Pepper Tree Road/Vista Drive from Chula Vista city limit to Bonita Glen Drive.

Existing Traffic Devices

Pepper Tree Road and Vista Drive are striped two-lane local roadways with a 24-foot travelled ways on a 24 to 30-foot road beds. The roadways are striped with a no passing centerline and white edgeline. Pepper Tree Road and Vista Drive have curve advisory signs along the roadway. Both roadways are unclassified on the County General Plan Mobility Element Network. Pepper Tree Road and Vista Drive are posted 25 MPH and 35 MPH respectively.

Average Daily Traffic Volumes

10/20

Pepper Tree Road:

W/o Jacaranda Dr

1,746

Speed Data

**85th
Percentile**

**10 MPH
Pace**

**% in
Pace**

Pepper Tree Road:

200' W/o Vista Drive (2020)

28.5 MPH

20-29

89.0%

Vista Drive:

100' S/o Ola Ct (2020)

32.4 MPH

24-33

83.0%

Speed Zone

(2020)

30.5 MPH

22-31

85.0%

Collision Data

There have been 2 reported collision along this segment of roadway, 1 of which involved injury, in a 3 year period (04-01-17 to 03-31-20). This collision resulted in a segment accident rate of 3.38 collisions per million vehicle miles. The statewide average is 1.6 collisions per million vehicle miles for similar suburban conventional 2 lanes or less with speeds less than 45 mile per hour.



County of San Diego

JEFF MONEDA
DIRECTOR

DEPARTMENT OF PUBLIC WORKS
5510 OVERLAND AVENUE, SUITE 410
SAN DIEGO, CA 92123-1237
(858) 694-2212
www.sdcounty.ca.gov/dpw/

COUNTY TRAFFIC ENGINEER RECOMMENDATION

Date: October 7, 2020

Item Title: Speed Limit and Radar Certification

Location: Vista Drive/Pepper Tree Road from Bonita Glen Drive to Chula Vista City Limit

CTE Recommendation: Establish a 25 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&T Survey 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 or 85th % speed of motorists.
- Vista Drive/Pepper Tree Road from Bonita Glen Drive to Chula Vista City Limit is a two-lane roadway with a double yellow centerline that measures approximately 25 to 27 feet in width throughout its length of 0.31 miles.
- Vista Drive/Pepper Tree Road has a several residential driveways taking direct access. The roadway is curvilinear with limited shoulder and no sidewalk.
- Speed data collected on September 2, 2020 shows that the prevailing (85th %) speed is 32.4 mph at a location 100 feet south of Ola Court and 28.5 mph at a location 200 feet west of Vista Drive. Combined Speed is 30.5 mph.

- A review of the roadway collision data for a three-year period (April 2017 to March 2020) shows a total of 2 collisions on Vista Drive/Pepper Tree Road with a collision rate of 3.38 collisions per million-vehicle-mile (c/mvm) compared to a state average of 1.6 c/mvm for similar roadway.
- Pursuant to CVC Section 22358.3 coupled with the above conditions on Vista Drive/Pepper Tree Road and the guidance of the California MUTCD, 25 mph radar enforced speed limit on Vista Drive/Pepper Tree Road within the two-lane roadway section is reasonable and safe.

[illegible]



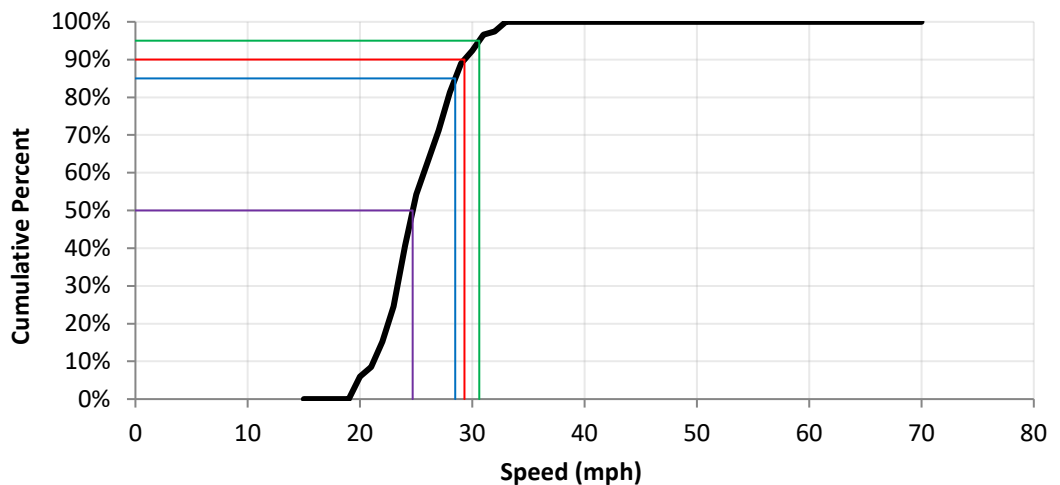
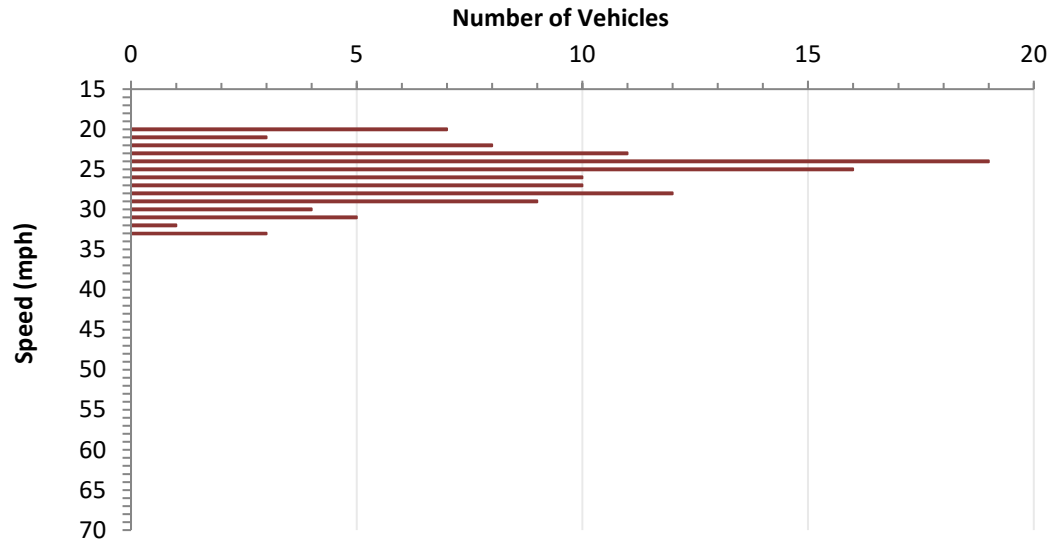
RADAR SPEED SURVEY

SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

Road Name:	Pepper Tree Rd	From:	Vista Dr	To:	COSD Limit
Position:	200 feet W/O Vista Dr	Direction:	WB/EB		

Date:	9/2/2020	Weather:	Clear	Project Number:	0
Time Start:	10:10 AM	Road Condition:	DRY	Observer:	Barra Manaseer
Time End:	11:50 AM	Posted Speed:	25 MPH	Calibration Test:	0

Speed (mph)	Num. Veh.	Cum. Pct.
15		
16		
17		
18		
19		
20	7	5.9%
21	3	8.5%
22	8	15.3%
23	11	24.6%
24	19	40.7%
25	16	54.2%
26	10	62.7%
27	10	71.2%
28	12	81.4%
29	9	89.0%
30	4	92.4%
31	5	96.6%
32	1	97.5%
33	3	100.0%



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

DATA ANALYSIS

62	Average Speed	25.6	Range	20 - 33
63	50th Percentile	24.7	10 mph Pace	20 - 29
64	85th Percentile	28.5	Number in Pace	105
65	90th Percentile	29.3	Percent in Pace	89%
66	95th Percentile	30.6		
70	Total	118		



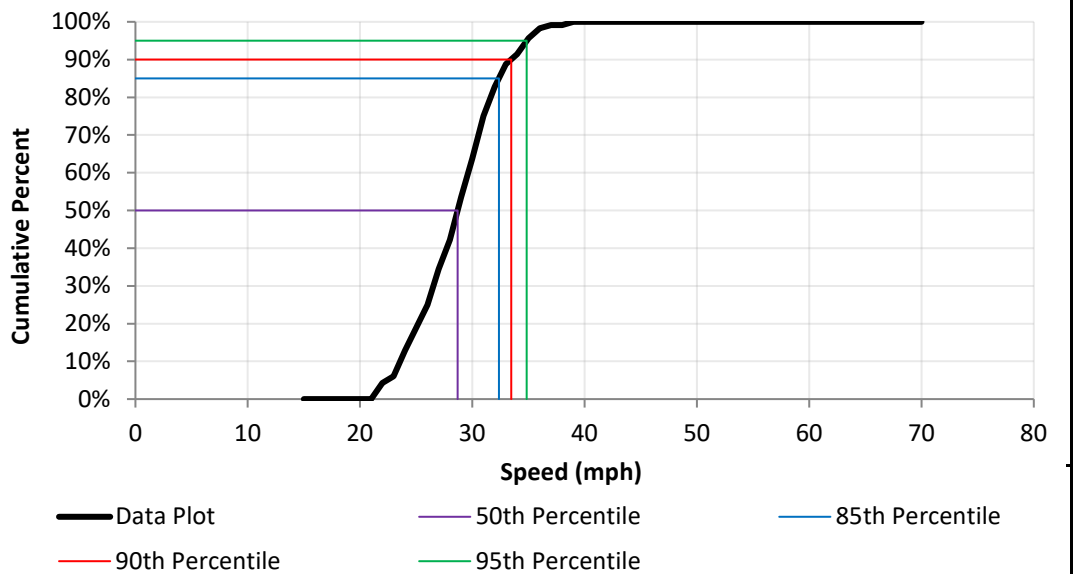
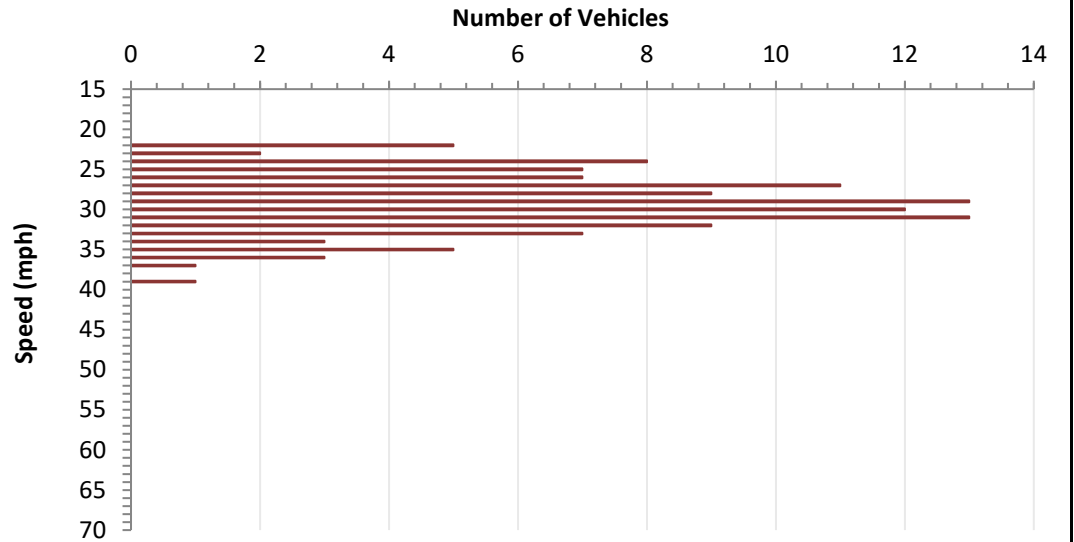
RADAR SPEED SURVEY

SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

Road Name:	Vista Dr	From:	Pepper Tree Dr	To:	Bonita Glen Dr
Position:	100 Feet S/O Ola Ct	Direction:	NB/SB		

Date:	9/2/2020	Weather:	Clear	Project Number:	0
Time Start:	12:15 PM	Road Condition:	DRY	Observer:	Raul Alvarado
Time End:	1:40 PM	Posted Speed:	25 MPH	Calibration Test:	0

Speed (mph)	Num. Veh.	Cum. Pct.
15		
16		
17		
18		
19		
20		
21		
22	5	4.3%
23	2	6.0%
24	8	12.9%
25	7	19.0%
26	7	25.0%
27	11	34.5%
28	9	42.2%
29	13	53.4%
30	12	63.8%
31	13	75.0%
32	9	82.8%
33	7	88.8%
34	3	91.4%
35	5	95.7%
36	3	98.3%
37	1	99.1%
38		
39	1	100.0%
40		
41		
42		
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	116	

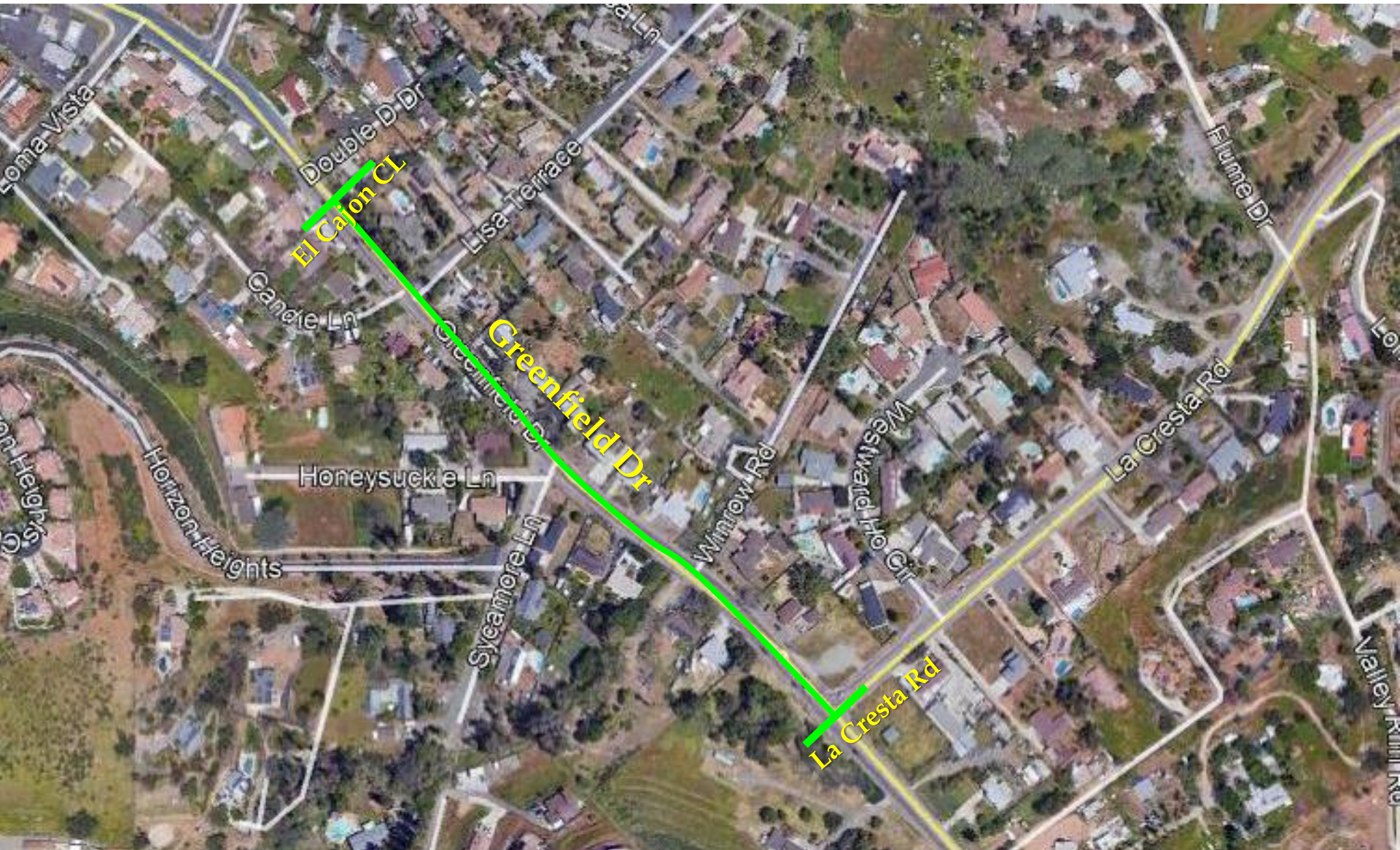


DATA ANALYSIS

Average Speed	29.1	Range	22 - 39
50th Percentile	28.7	10 mph Pace	24 - 33
85th Percentile	32.4	Number in Pace	96
90th Percentile	33.5	Percent in Pace	83%
95th Percentile	34.8		

2-A. Radar Certification

Greenfield Dr from El Cajon City limit (near Double D Dr) to La Cresta Rd (0.28 mi)



SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE

COMMITTEE REPORT OF: October 23, 2020

Item **2-A**

SUPERVISORIAL DISTRICT: 2

SUBJECT: Radar Certification

LOCATION: Greenfield Drive from El Cajon City limit (near Double D Drive) to La Cresta Road (a distance of 0.28 miles)
EL CAJON (Thos. Bros. 1252-C3)

INITIATED BY: DPW Traffic Engineering

REQUEST: Radar Certification

PROBLEM AS STATED BY REQUESTER:

Greenfield Drive from El Cajon City limit (near Double D Drive) to La Cresta Road is posted 35 MPH speed zone. Preliminary review of prevailing speeds and roadway conditions could support certifying an increased 40 MPH speed limit for radar enforcement.

Existing Traffic Devices

Greenfield Drive is a striped two-lane local roadway with a 35 to 47-foot travelled way and road bed. The roadway is striped with a no passing centerline and bike lane. The roadway is classified as a Major Road on the County General Plan Mobility Element Network. The roadway is posted 35 MPH.

Average Daily Traffic Volumes

10/20

Greenfield Drive:

N/o Sycamore Ln

24,260*

**Estimate*

Speed Data

Greenfield Drive:

100' N/o Syacmore Lane (2020)

**85th
Percentile**

42.1 MPH

**10 MPH
Pace**

35-44

**% in
Pace**

82.0%

Collision Data

There have been 7 reported collision along this segment of roadway, 2 of which involved injury, in a 3 year period (04-01-17 to 03-31-20). These collisions resulted in a segment accident rate of 0.94 collisions per million vehicle miles. The statewide average is 1.60 collisions per million vehicle miles for similar suburban conventional 2 lanes or less with speeds less than 45 miles per hour.



County of San Diego

RICHARD E. CROMPTON
DIRECTOR

DEPARTMENT OF PUBLIC WORKS
5510 OVERLAND AVE, SUITE 410
SAN DIEGO, CALIFORNIA 92123-1237
(858) 694-2212 FAX: (858) 694-3597
Web Site: www.sdcountry.ca.gov/dpw/

COUNTY TRAFFIC ENGINEER RECOMMENDATION

Date: February 28, 2020

Item Title: Radar Certification

Location: Greenfield Drive from the El Cajon City Limit (near Double D Road) to La Cresta Rd

CTE Recommendation: **Certify 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.
- Greenfield Drive is a two-lane roadway providing access to Interstate 8, through the portion of Greenfield Drive within the city limits and the unincorporated community of Crest via La Cresta Road.
- There are several driveways taking direct access onto La Cresta Road (15 properties within the 0.28 mile segment). The roadway lacks a walkable shoulder or sidewalk. Greenfield Drive within the City of El Cajon limits is posted 35 MPH Radar Enforced.

- Recent speed survey taken on February 5, 2020 at a location 100 feet north of Sycamore Lane shows a prevailing speed of 42.1 mph, coupled with the conditions not readily apparent to the driver - high residential driveway density, lack of pedestrian facilities, and the adjacent speed limit in the connect El Cajon segment - supports 35 mph speed limit radar enforced.
- Therefore, pursuant to CVC section 22358 and a prevailing speed of 42.1 mph taken in accordance with the guidance of the CA MUTCD section 2B.13, a 35 mph radar enforced speed limit on Greenfield Drive is reasonable, safe and recommended.



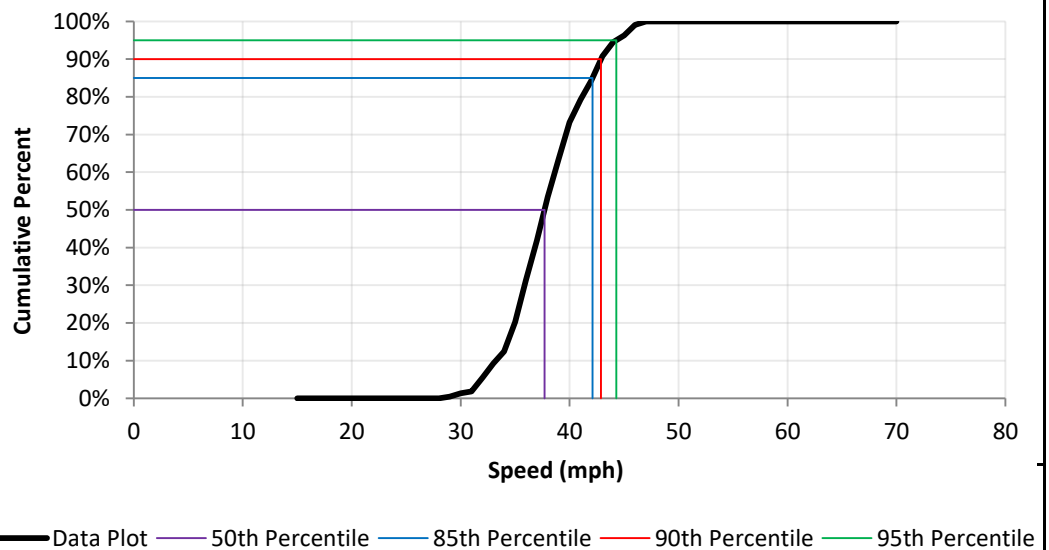
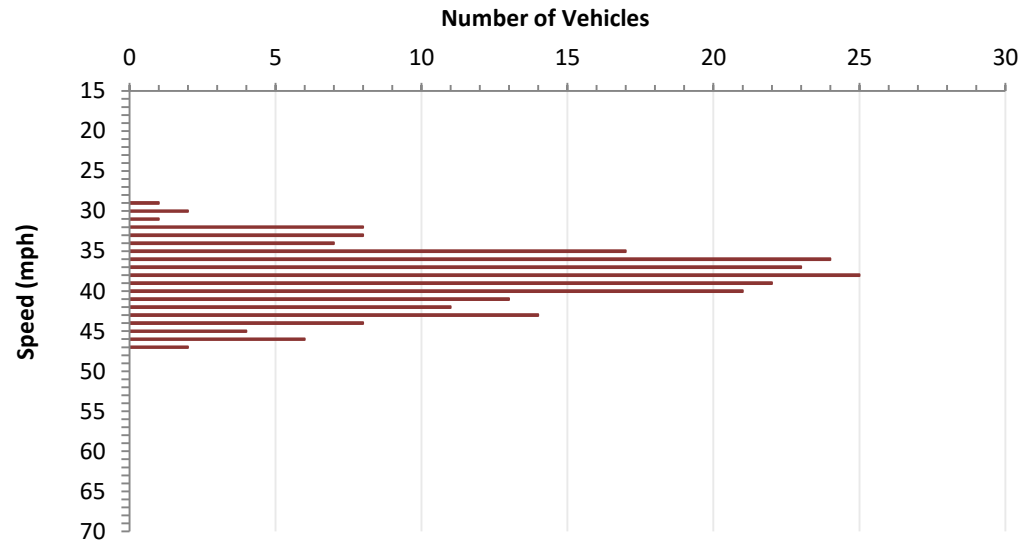
RADAR SPEED SURVEY

SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

Road Name:	Greenfield Dr	From:	El Cajon CL	To:	La Cresta Rd
Position:	100' W/o Sycamore Ln	Direction:	EB/WB		

Date:	2/5/2020	Weather:	Clear	Project Number:	N/A
Time Start:	12:15 PM	Road Condition:	Dry	Observer:	County
Time End:	1:15 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	0.5%
30	2	1.4%
31	1	1.8%
32	8	5.5%
33	8	9.2%
34	7	12.4%
35	17	20.3%
36	24	31.3%
37	23	41.9%
38	25	53.5%
39	22	63.6%
40	21	73.3%
41	13	79.3%
42	11	84.3%
43	14	90.8%
44	8	94.5%
45	4	96.3%
46	6	99.1%
47	2	100.0%
48		
49		
50		
51		
52		
53		
54		
55		
56		
57		
58		
59		
60		
61		
62		
63		
64		
65		
66		
67		
68		
69		
70		
Total	217	



DATA ANALYSIS

Average Speed	38.4	Range	29 - 47
50th Percentile	37.7	10 mph Pace	35 - 44
85th Percentile	42.1	Number in Pace	178
90th Percentile	42.9	Percent in Pace	82%
95th Percentile	44.3		

2-B. Radar Certification

Greenfield Dr from La Cresta Rd to El Cajon City limit (0.47 mi)



SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE

COMMITTEE REPORT OF: October 23, 2020

Item **2-B**

SUPERVISORIAL DISTRICT: 2

SUBJECT: Radar Certification

LOCATION: Greenfield Drive from La Cresta Road to El Cajon city limits (near Madison Avenue) (a distance of 0.47 miles)
EL CAJON (Thos. Bros. 1252-C3)

INITIATED BY: DPW Traffic Engineering

REQUEST: Radar Certification

PROBLEM AS STATED BY REQUESTER:

Greenfield Drive from La Cresta Road to El Cajon city limits (near Madison Avenue) is a posted 45 MPH speed zone. Preliminary review of prevailing speeds and roadway conditions could support certifying the posted 45 MPH speed limit for radar enforcement.

Existing Traffic Devices

Greenfield Drive is a striped two-lane local roadway with a 48-foot travelled way and road bed. The roadway is striped with a no passing centerline and bike lanes. The roadway is classified as a Major Road on the County General Plan Mobility Element Network. The roadway is posted 45 MPH.

Average Daily Traffic Volumes

10/20

Greenfield Drive:

@ Siesta Calle

11,690*

**Estimate*

Speed Data

Greenfield Drive:

@ Siesta Calle

(2020)

**85th
Percentile**

46.5 MPH

**10 MPH
Pace**

38-47

**% in
Pace**

79.0%

Collision Data

There have been 4 reported collision along this segment of roadway, 3 of which involved injury, in a 3 year period (04-01-17 to 03-31-20). These collisions resulted in a segment accident rate of 0.67 collisions per million vehicle miles. The statewide average is 1.32 collisions per million vehicle miles for similar suburban conventional 2 lanes or less with speeds between 45 to 55 miles per hour.



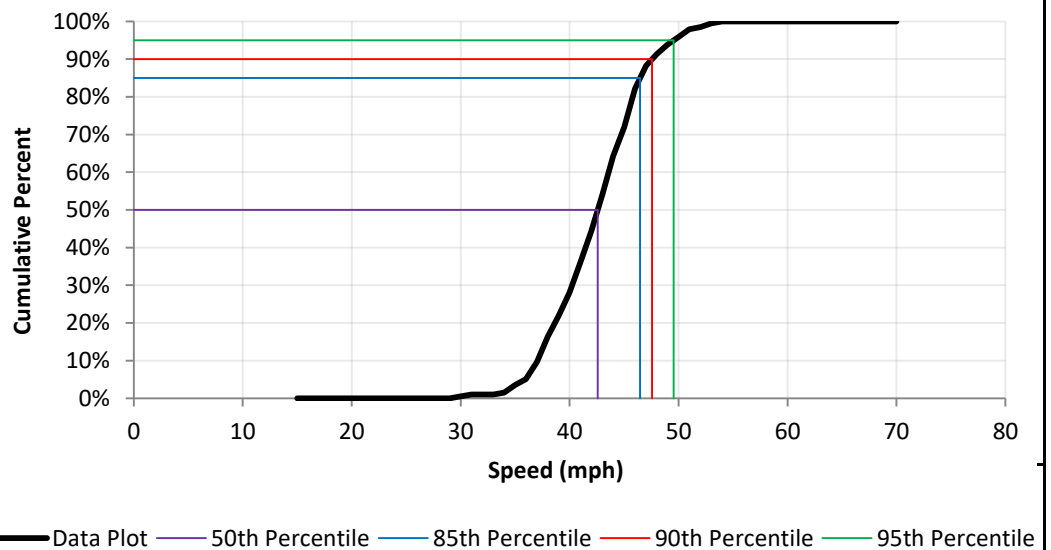
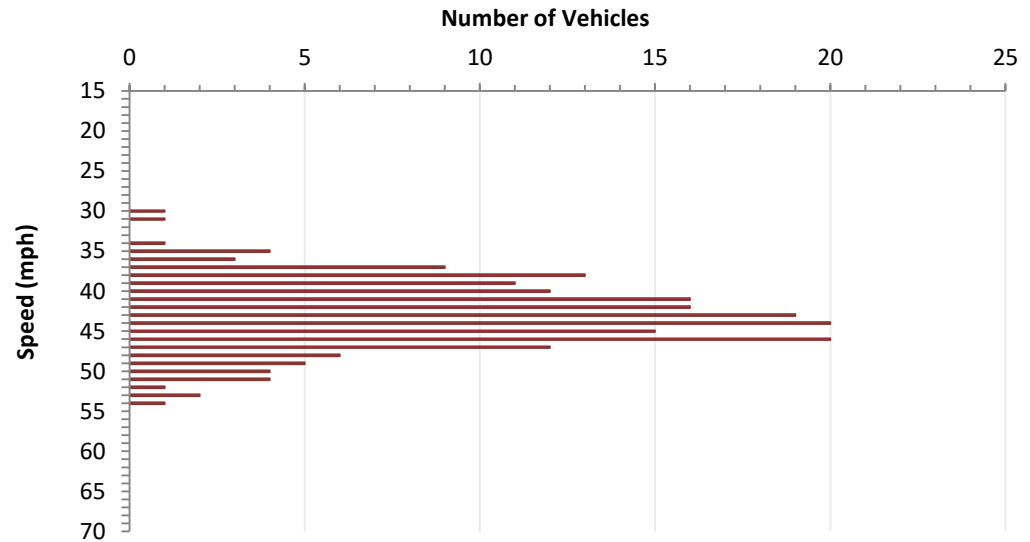
RADAR SPEED SURVEY

SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

Road Name:	Greenfield Dr	From:	La Cresta Rd	To:	El Cajon CL (near Madison Av)
Position:	@ Siesta Calle	Direction:	EB/WB		

Date:	2/12/2020	Weather:	Clear	Project Number:	N/A
Time Start:	1:05 PM	Road Condition:	Dry	Observer:	County
Time End:	2:05 PM	Posted Speed:	45	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	1	0.5%
31	1	1.0%
32		
33		
34	1	1.5%
35	4	3.6%
36	3	5.1%
37	9	9.7%
38	13	16.3%
39	11	21.9%
40	12	28.1%
41	16	36.2%
42	16	44.4%
43	19	54.1%
44	20	64.3%
45	15	71.9%
46	20	82.1%
47	12	88.3%
48	6	91.3%
49	5	93.9%
50	4	95.9%
51	4	98.0%
52	1	98.5%
53	2	99.5%
54	1	100.0%
55		
56		
57		
58		
59		
60		
61		
62		
63		
64		
65		
66		
67		
68		
69		
70		
Total	196	



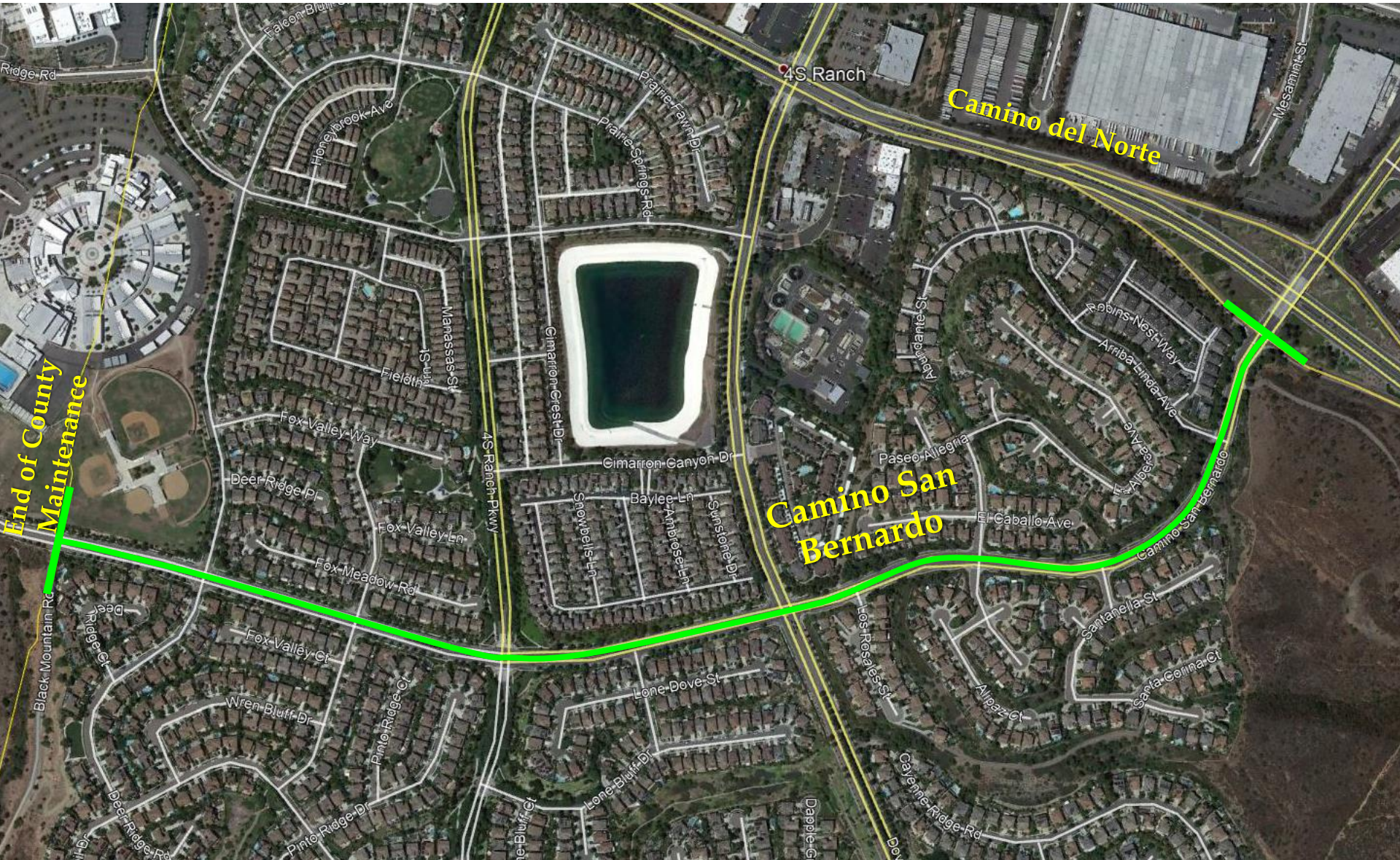
— Data Plot
 — 50th Percentile
 — 85th Percentile
 — 90th Percentile
 — 95th Percentile

DATA ANALYSIS

Average Speed	42.9	Range	30 - 54
50th Percentile	42.6	10 mph Pace	38 - 47
85th Percentile	46.5	Number in Pace	154
90th Percentile	47.6	Percent in Pace	79%
95th Percentile	49.6		

3-A. Radar Certification

Camino San Bernardo from Camino del Norte to end of County Maintenance (1.15 mi)



SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE

COMMITTEE REPORT OF: October 23, 2020

Item 3-A

SUPERVISORIAL DISTRICT: 3

SUBJECT: Radar Certification

LOCATION: Camino San Bernardo from Camino del Norte to the end of County maintenance (a distance of 1.15 miles) 4S RANCH (Thos. Bros. 1169-G4)

INITIATED BY: DPW Traffic Engineering

REQUEST: Radar Certification

PROBLEM AS STATED BY REQUESTER:

Camino San Bernardo from Camino del Norte to the end of County maintenance is posted 45 MPH radar enforced speed zone. Preliminary review of prevailing speeds and roadway conditions could support recertifying the posted 45 MPH speed limit for radar enforcement.

Existing Traffic Devices

Camino San Bernardo is a striped four-lane roadway with a 64 foot travelled lane on a 64 to 77 feet road bed. There is a raised planted median and painted median separating both directions of travel. There are bike lanes along both sides of the roadway. This roadway is classified as a Major Road on the County General Plan Mobility Element Network. The road is posted 45 MPH Radar Enforced.

Average Daily Traffic Volumes

Camino San Bernardo:

100' E/o Lone Hawk Road

10/20

5,776

02/13

5,460

100' W/o De Sola Street

5,430

Speed Data

Camino San Bernardo:

100' W/o De Sola St

(2020)

(2012)

**85th
Percentile**

44.7 MPH

48.0 MPH

**10 MPH
Pace**

34-43

37-46

**% in
Pace**

70.0%

59.2%

100' E/o Lone Hawk Rd

(2020)

(2012)

45.7 MPH

45.0 MPH

37-46

33-42

70.0%

57.2%

Speed Zone

(2020)

(2012)

45.2 MPH

46.5 MPH

36-45

35-44

70.0%

58.2%

Collision Data

There have been 6 reported collision along this segment of roadway, 5 of which involved injury, in a 3 year period (06-01-17 to 05-31-20). These collisions resulted in a segment accident rate of 0.83 collisions per million vehicle miles. The statewide average is 0.93 collisions per million vehicle miles for similar suburban undivided four lanes with speeds less than or equal to 55 MPH.

VOLUME

Camino San Bernardo E/O Lone Hawk Dr

Day: Thursday
Date: 10/1/2020City: San Diego
Project #: CA20_040197_009

DAILY TOTALS					NB	SB						EB	WB	Total	
					0	0						3,028	2,748	5,776	
AM Period	NB	SB	EB	WB	TOTAL		PM Period	NB	SB	EB	WB	TOTAL			
00:00			4	2	6		12:00			49	36	85			
00:15			4	4	8		12:15			41	38	79			
00:30			2	6	8		12:30			67	36	103			
00:45			2	12	4	26	12:45			46	203	46	156	92	359
01:00			0	2	2		13:00			45	29	74			
01:15			0	1	1		13:15			38	36	74			
01:30			1	3	4		13:30			34	33	67			
01:45			3	4	5	12	13:45			50	167	42	140	92	307
02:00			1	0	1		14:00			51	30	81			
02:15			0	0	0		14:15			45	43	88			
02:30			0	1	1		14:30			50	46	96			
02:45			2	3	2	4	14:45			38	184	52	171	90	355
03:00			0	0	0		15:00			72	49	121			
03:15			0	1	1		15:15			57	52	109			
03:30			0	0	0		15:30			56	55	111			
03:45			1	1	1	2	15:45			53	238	62	218	115	456
04:00			2	0	2		16:00			49	58	107			
04:15			3	0	3		16:15			53	61	114			
04:30			3	0	3		16:30			71	55	126			
04:45			7	15	8	16	16:45			65	238	61	235	126	473
05:00			14	2	16		17:00			64	93	157			
05:15			7	1	8		17:15			77	88	165			
05:30			17	1	18		17:30			78	78	156			
05:45			13	51	20	62	17:45			70	289	90	349	160	638
06:00			17	6	23		18:00			51	75	126			
06:15			23	7	30		18:15			55	59	114			
06:30			19	10	29		18:30			41	78	119			
06:45			28	87	40	122	18:45			70	217	57	269	127	486
07:00			35	22	57		19:00			50	60	110			
07:15			45	26	71		19:15			37	61	98			
07:30			69	25	94		19:30			37	55	92			
07:45			57	206	96	318	19:45			26	150	42	218	68	368
08:00			55	35	90		20:00			32	36	68			
08:15			63	37	100		20:15			17	35	52			
08:30			55	34	89		20:30			23	25	48			
08:45			53	226	90	369	20:45			20	92	27	123	47	215
09:00			42	28	70		21:00			30	25	55			
09:15			49	24	73		21:15			20	31	51			
09:30			37	37	74		21:30			9	17	26			
09:45			45	173	69	286	21:45			19	78	13	86	32	164
10:00			30	20	50		22:00			5	24	29			
10:15			44	26	70		22:15			14	11	25			
10:30			51	28	79		22:30			7	9	16			
10:45			45	170	77	276	22:45			5	31	9	53	14	84
11:00			62	35	97		23:00			5	9	14			
11:15			31	49	80		23:15			5	5	10			
11:30			40	38	78		23:30			3	7	10			
11:45			45	178	85	340	23:45			2	15	2	23	4	38
TOTALS			1126	707	1833		TOTALS			1902	2041	3943			
SPLIT %			61.4%	38.6%	31.7%		SPLIT %			48.2%	51.8%	68.3%			

DAILY TOTALS					NB	SB						EB	WB	Total	
					0	0						3,028	2,748	5,776	
AM Peak Hour			07:30	11:15	07:30		PM Peak Hour			17:00	17:00	17:00			
AM Pk Volume			244	163	380		PM Pk Volume			289	349	638			
Pk Hr Factor			0.884	0.832	0.950		Pk Hr Factor			0.926	0.938	0.967			
7 - 9 Volume	0	0	432	255	687		4 - 6 Volume	0	0	527	584	1111			
7 - 9 Peak Hour			07:30	07:45	07:30		4 - 6 Peak Hour			17:00	17:00	17:00			
7 - 9 Pk Volume	0	0	244	145	380		4 - 6 Pk Volume	0	0	289	349	638			
Pk Hr Factor	0.000	0.000	0.884	0.929	0.950		Pk Hr Factor	0.000	0.000	0.926	0.938	0.967			



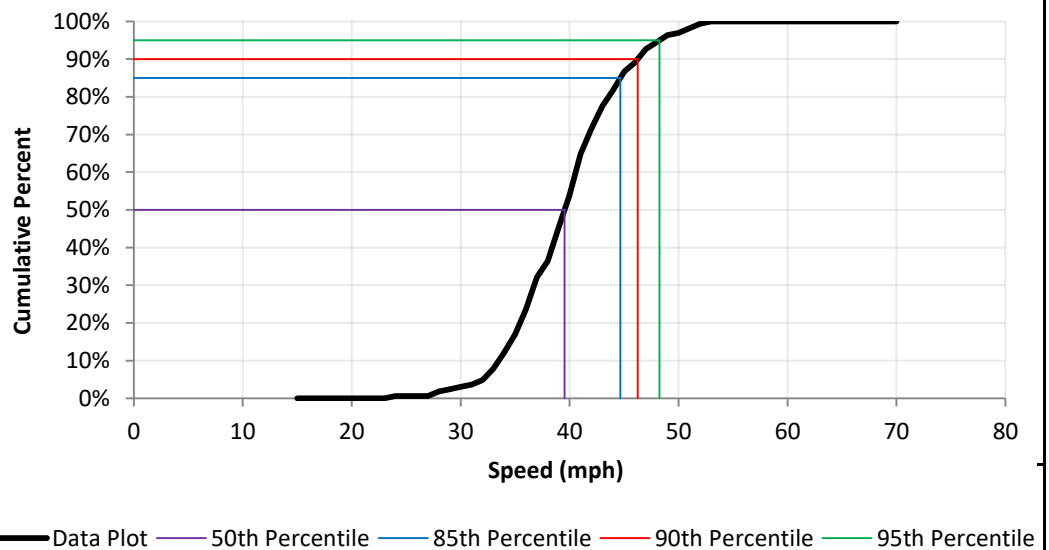
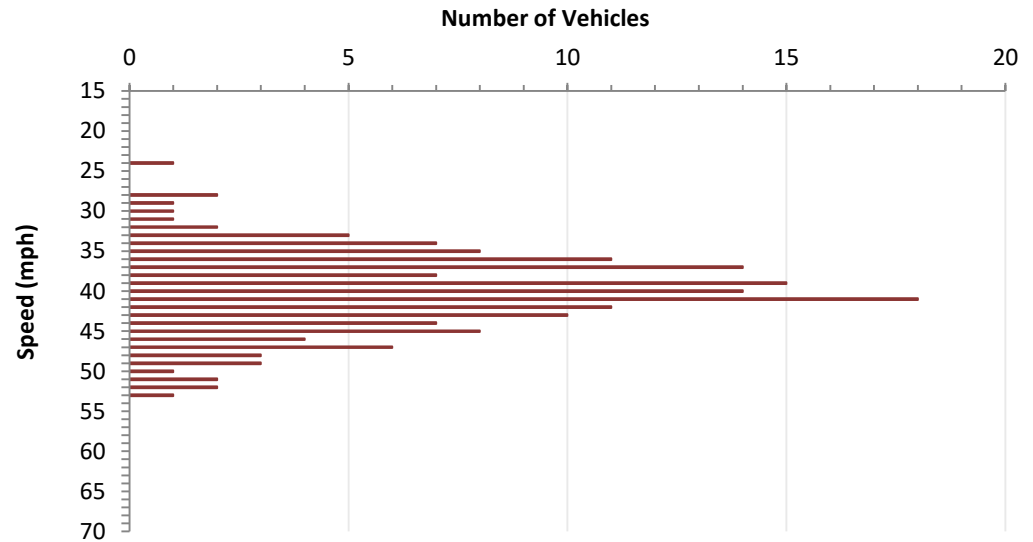
RADAR SPEED SURVEY

SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

Road Name:	Camino San Bernardo	From:	Camino Del Norte	To:	End of County Maintenance
Position:	100' W/o De Sola St	Direction:	EB/WB		

Date:	10/6/2020	Weather:	Cloudy	Project Number:	N/A
Time Start:	1:30 PM	Road Condition:	Dry	Observer:	County
Time End:	2:30 PM	Posted Speed:	45	Calibration Test:	Y

Speed (mph)	Num. Veh.	Cum. Pct.
15		
16		
17		
18		
19		
20		
21		
22		
23		
24	1	0.6%
25		
26		
27		
28	2	1.8%
29	1	2.4%
30	1	3.0%
31	1	3.6%
32	2	4.8%
33	5	7.9%
34	7	12.1%
35	8	17.0%
36	11	23.6%
37	14	32.1%
38	7	36.4%
39	15	45.5%
40	14	53.9%
41	18	64.8%
42	11	71.5%
43	10	77.6%
44	7	81.8%
45	8	86.7%
46	4	89.1%
47	6	92.7%
48	3	94.5%
49	3	96.4%
50	1	97.0%
51	2	98.2%
52	2	99.4%
53	1	100.0%
54		
55		
56		
57		
58		
59		
60		
61		
62		
63		
64		
65		
66		
67		
68		
69		
70		
Total	165	



DATA ANALYSIS

Average Speed	40.0	Range	24 - 53
50th Percentile	39.5	10 mph Pace	34 - 43
85th Percentile	44.7	Number in Pace	115
90th Percentile	46.3	Percent in Pace	70%
95th Percentile	48.3		



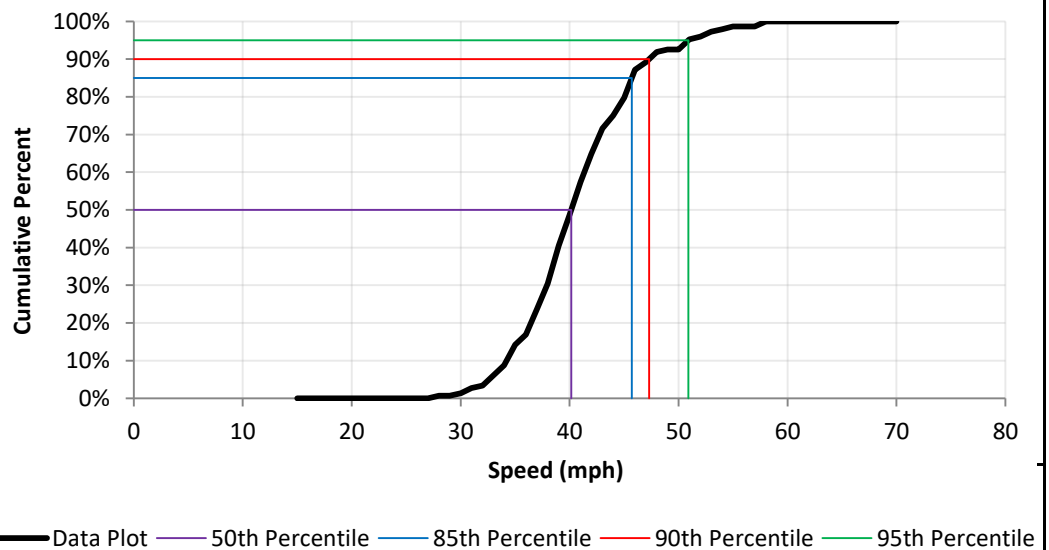
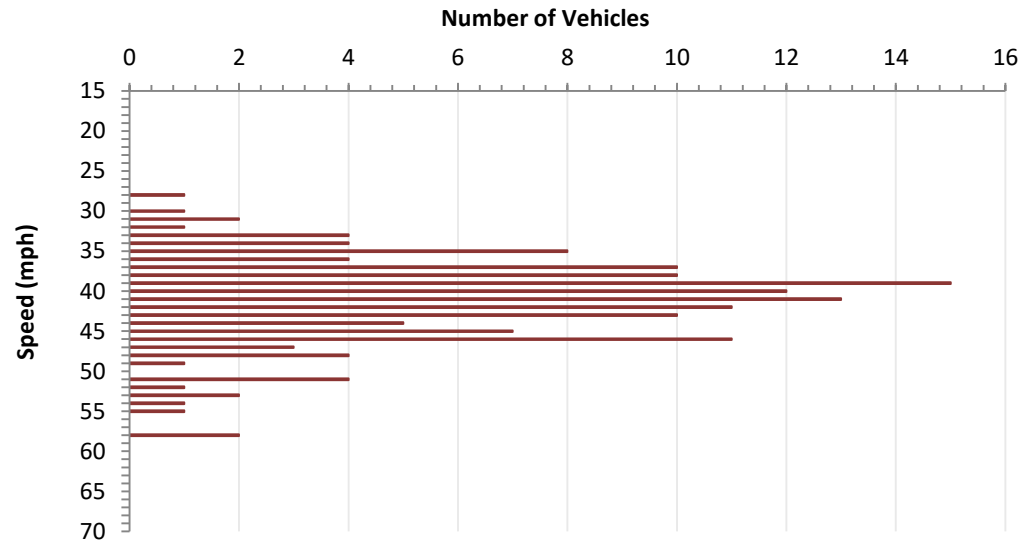
RADAR SPEED SURVEY

SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

Road Name:	Camino San Bernardo	From:	Camino del Norte	To:	End of County Maintenance
Position:	100' E/o Lone Hawk Rd	Direction:	EB/WB		

Date:	10/1/2020	Weather:	Clear	Project Number:	TAC
Time Start:	9:50 AM	Road Condition:	Dry	Observer:	Ben Baker
Time End:	10:50 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	1	0.7%
29		
30	1	1.4%
31	2	2.7%
32	1	3.4%
33	4	6.1%
34	4	8.8%
35	8	14.2%
36	4	16.9%
37	10	23.6%
38	10	30.4%
39	15	40.5%
40	12	48.6%
41	13	57.4%
42	11	64.9%
43	10	71.6%
44	5	75.0%
45	7	79.7%
46	11	87.2%
47	3	89.2%
48	4	91.9%
49	1	92.6%
50		
51	4	95.3%
52	1	95.9%
53	2	97.3%
54	1	98.0%
55	1	98.6%
56		
57		
58	2	100.0%
59		
60		
61		
62		
63		
64		
65		
66		
67		
68		
69		
70		
Total	148	



DATA ANALYSIS

Average Speed	41.2	Range	28 - 58
50th Percentile	40.2	10 mph Pace	37 - 46
85th Percentile	45.7	Number in Pace	104
90th Percentile	47.3	Percent in Pace	70%
95th Percentile	50.9		

3-B. Radar Certification

Anaheim St from Mary Ln to End of County Maintenance (0.3 mi)



SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE

COMMITTEE REPORT OF: October 23, 2020

Item 3-B

SUPERVISORIAL DISTRICT: 3

SUBJECT: Radar Certification

LOCATION: Anaheim Street from Mary Lane to end of County maintenance (a distance of 0.3 miles) SAN PASQUAL (Thos. Bros. 1130-D7)

INITIATED BY: DPW Traffic Engineering

REQUEST: Radar Certification

PROBLEM AS STATED BY REQUESTER:

Anaheim Street from Mary Lane to end of County maintenance is an unposted 55 MPH speed zone. Preliminary review of prevailing speeds and roadway conditions could support certifying a posted 25 MPH speed limit for radar enforcement.

Existing Traffic Devices

Anaheim Street is a striped two-lane roadway with a 22 foot travelled lane and road bed. This roadway is unclassified on the County General Plan Mobility Element Network. The road is unposted.

Average Daily Traffic Volumes

02/20

Anaheim Street:

50' W/o Anaheim Street

740

Speed Data

**85th
Percentile**

**10 MPH
Pace**

**% in
Pace**

Anaheim Street:

@ Anaheim Terrace (2020)

29.6 MPH

20-29

83.0%

Collision Data

There have been 0 reported collision along this segment of roadway in a 3 year period (04-01-17 to 03-31-20).



County of San Diego

JEFF MONEDA
DIRECTOR

DEPARTMENT OF PUBLIC WORKS
5510 OVERLAND AVENUE, SUITE 410
SAN DIEGO, CA 92123-1237
(858) 694-2212
www.sdcountry.ca.gov/dpw/

COUNTY TRAFFIC ENGINEER RECOMMENDATION

Date: October 7, 2020

Item Title: Speed Limit and Radar Certification

Location: Anaheim Street from Mary Lane to End County Maintenance

CTE Recommendation: **Establish 25 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.
- Anaheim is a two-lane roadway with, a curvilinear section and limited shoulder throughout its length of 0.3 miles. Its pavement width varies between 20 and 25 feet in width with a portion having a striped center line.
- A recent speed survey on Anaheim Street taken in July 2020 resulted in an overall prevailing speed of 29.6 mph, which supports a speed limit of 25 mph using radar for speed enforcement.
- Pursuant to CVC section 22358 and the guidance of the CA MUTCD section 2B.13, a 25 mph radar enforced speed limit on Anaheim Street from Mary Lane to End of County Maintenance is reasonable and safe.

VOLUME

Anaheim St 50' W/O Anaheim Terrace

Day: Wednesday
Date: 2/19/2020

City: Escondido
Project #: CA20_4040_016

DAILY TOTALS					NB	SB						EB	WB	Total
					0	0						377	363	740
AM Period	NB	SB	EB	WB	TOTAL		PM Period	NB	SB	EB	WB	TOTAL		
00:00	0	0	0	0			12:00	0	0	6	5	11		
00:15	0	0	0	0			12:15	0	0	5	3	8		
00:30	0	0	0	0			12:30	0	0	2	4	6		
00:45	0	0	0	0			12:45	0	0	7	20	4	16	36
01:00	0	0	0	0			13:00	0	0	4	5	9		
01:15	0	0	0	0			13:15	0	0	5	5	10		
01:30	0	0	0	0			13:30	0	0	7	5	12		
01:45	0	0	0	0			13:45	0	0	7	23	5	20	43
02:00	0	0	0	0			14:00	0	0	7	6	13		
02:15	0	0	0	0			14:15	0	0	3	9	12		
02:30	0	0	0	0			14:30	0	0	9	11	20		
02:45	0	0	0	0			14:45	0	0	8	27	8	34	61
03:00	0	0	0	0			15:00	0	0	8	7	15		
03:15	0	0	0	0			15:15	0	0	11	5	16		
03:30	0	0	0	0			15:30	0	0	13	7	20		
03:45	0	0	0	0			15:45	0	0	8	40	8	27	67
04:00	0	0	1	1	2		16:00	0	0	16	10	26		
04:15	0	0	0	0			16:15	0	0	8	4	12		
04:30	0	0	0	0			16:30	0	0	10	7	17		
04:45	0	0	1	2	3	4	16:45	0	0	9	43	9	30	73
05:00	0	0	1	3	4		17:00	0	0	7	6	13		
05:15	0	0	0	1	1		17:15	0	0	9	5	14		
05:30	0	0	0	1	1		17:30	0	0	10	5	15		
05:45	0	0	2	3	3	8	17:45	0	0	13	39	3	19	58
06:00	0	0	0	4	4		18:00	0	0	19	4	23		
06:15	0	0	1	3	4		18:15	0	0	12	3	15		
06:30	0	0	3	8	11		18:30	0	0	6	6	12		
06:45	0	0	2	6	8	23	18:45	0	0	3	40	3	16	56
07:00	0	0	3	8	11		19:00	0	0	12	2	14		
07:15	0	0	1	6	7		19:15	0	0	6	5	11		
07:30	0	0	2	13	15		19:30	0	0	3	2	5		
07:45	0	0	4	10	12	39	19:45	0	0	3	24	1	10	34
08:00	0	0	6	6	12		20:00	0	0	4	1	5		
08:15	0	0	3	5	8		20:15	0	0	3	3	6		
08:30	0	0	4	11	15		20:30	0	0	5	4	9		
08:45	0	0	2	15	6	28	20:45	0	0	3	15	3	11	26
09:00	0	0	1	9	10		21:00	0	0	3	7	10		
09:15	0	0	3	3	6		21:15	0	0	3	2	5		
09:30	0	0	6	5	11		21:30	0	0	2	0	2		
09:45	0	0	6	16	9	26	21:45	0	0	1	9	0	9	18
10:00	0	0	5	4	9		22:00	0	0	0	0			
10:15	0	0	4	6	10		22:15	0	0	4	0	4		
10:30	0	0	3	8	11		22:30	0	0	2	0	2		
10:45	0	0	3	15	5	23	22:45	0	0	0	6	0	0	6
11:00	0	0	9	5	14		23:00	0	0	0	0			
11:15	0	0	4	6	10		23:15	0	0	0	0			
11:30	0	0	6	3	9		23:30	0	0	0	0			
11:45	0	0	5	24	6	20	23:45	0	0	0	0			
TOTALS	91				171		TOTALS	286				192		478
SPLIT %	34.7%				65.3%		SPLIT %	59.8%				40.2%		64.6%

DAILY TOTALS					NB	SB						EB	WB	Total
					0	0						377	363	740
AM Peak Hour	11:00				07:00	07:30	PM Peak Hour	17:30				14:15	15:15	
AM Pk Volume	24				39	51	PM Pk Volume	54				35	78	
Pk Hr Factor	0.667				0.750	0.797	Pk Hr Factor	0.711				0.795	0.750	
7 - 9 Volume	0	0	25	67	92		4 - 6 Volume	0	0	82	49	131		
7 - 9 Peak Hour	07:45				07:00	07:30	4 - 6 Peak Hour	16:00				16:00	16:00	
7 - 9 Pk Volume	0	0	17	39	51		4 - 6 Pk Volume	0	0	43	30	73		
Pk Hr Factor	0.000	0.000	0.708	0.750	0.797		Pk Hr Factor	0.000	0.000	0.672	0.750	0.702		



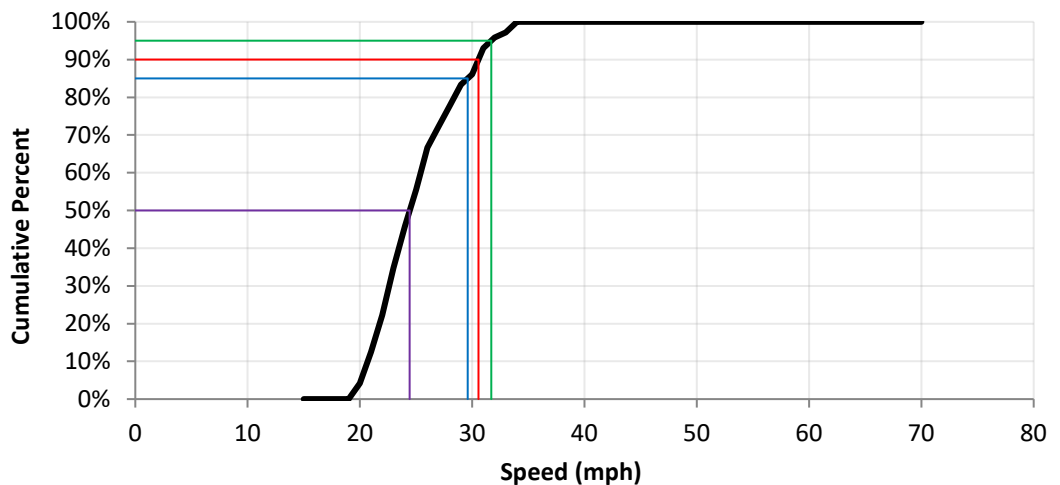
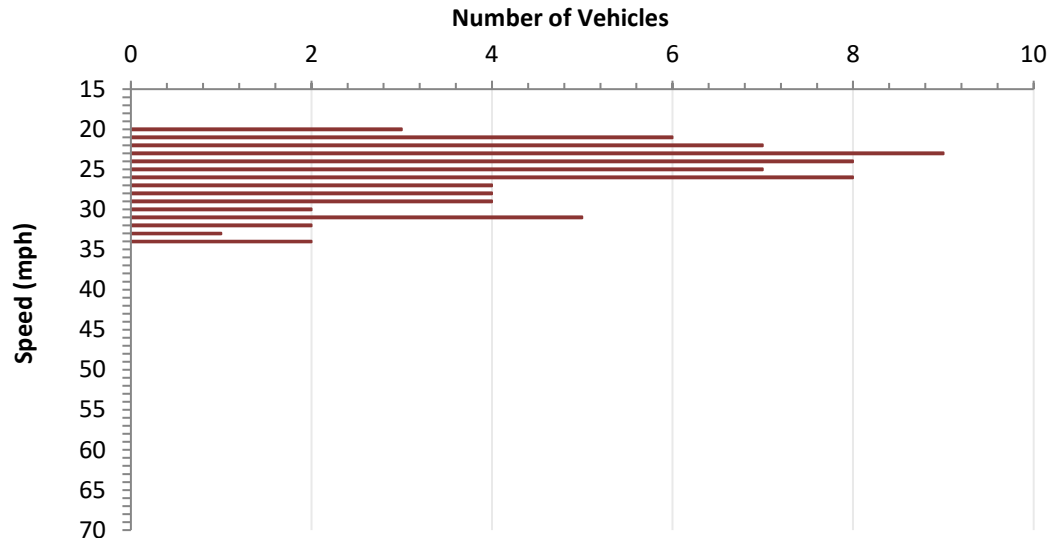
RADAR SPEED SURVEY

SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

Road Name:	Anaheim Street	From:	Mary Lane	To:	End CMR
Position:	At Anaheim Terrace	Direction:	EB/WB		

Date:	7/28/2020	Weather:	Clear	Project Number:	0
Time Start:	10:00 AM	Road Condition:	DRY	Observer:	Ernie Bartley
Time End:	12:00PM	Posted Speed:	Unposted	Calibration Test:	0

Speed (mph)	Num. Veh.	Cum. Pct.
15		
16		
17		
18		
19		
20	3	4.2%
21	6	12.5%
22	7	22.2%
23	9	34.7%
24	8	45.8%
25	7	55.6%
26	8	66.7%
27	4	72.2%
28	4	77.8%
29	4	83.3%
30	2	86.1%
31	5	93.1%
32	2	95.8%
33	1	97.2%
34	2	100.0%



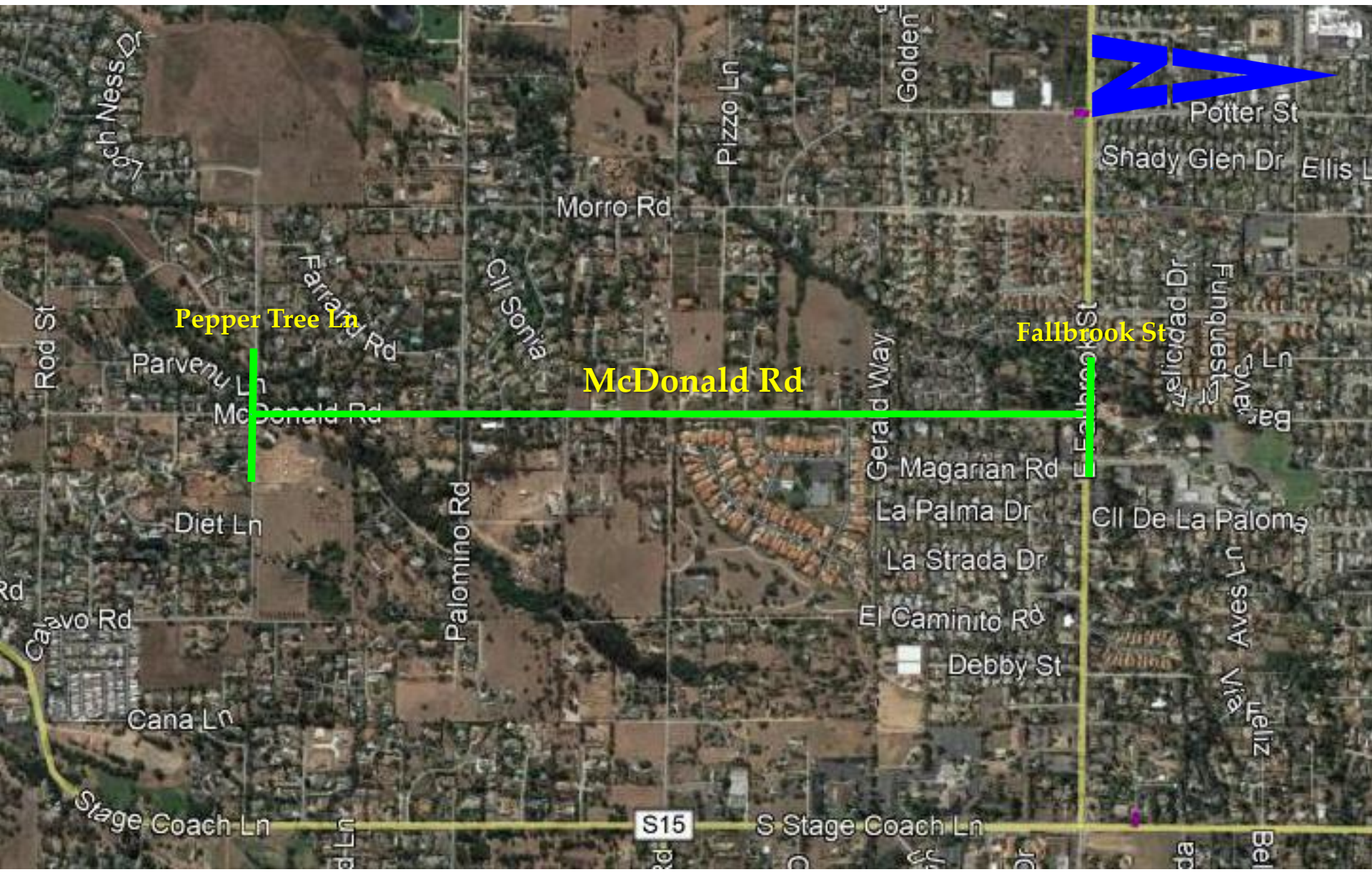
— Data Plot
 — 50th Percentile
 — 85th Percentile
— 90th Percentile
 — 95th Percentile

DATA ANALYSIS

	Average Speed	25.5	Range	20 - 34
	50th Percentile	24.4	10 mph Pace	20 - 29
	85th Percentile	29.6	Number in Pace	60
	90th Percentile	30.6	Percent in Pace	83%
	95th Percentile	31.7		
Total	72			

5-A. Radar Certification

McDonald Road from Fallbrook Street to Pepper Tree Lane (1.0 mi)



SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE

COMMITTEE REPORT OF: October 23, 2020

Item 5-A

SUPERVISORIAL DISTRICT: 5

SUBJECT: Radar Certification

LOCATION: McDonald Road from Fallbrook Street to Pepper Tree Lane (a distance of 1.00 miles) BONSALL (Thos. Bros. 1027-H3)

INITIATED BY: DPW Traffic Engineering

REQUEST: Radar Certification

PROBLEM AS STATED BY REQUESTER:

McDonald Road from Fallbrook Street to Pepper Tree Lane is posted 45 MPH speed zone. Preliminary review of prevailing speeds and roadway conditions could support recertifying the posted 45 MPH speed limit for radar enforcement.

Existing Traffic Devices

McDonald Road is a striped two-lane roadway with a 24 foot travelled lane and road bed. The roadway is striped with a no passing centerline. This roadway is unclassified on the County General Plan Mobility Element Network. The road is posted 45 MPH Radar Enforced.

Average Daily Traffic Volumes

McDonald Street:

S/o Gerald Way

10/20

2,299

10/12

2,280

Speed Data

McDonald Street:

200' S/o Gerald Way

(2020)

(2012)

**85th
Percentile**

43.4 MPH

44.0 MPH

**10 MPH
Pace**

34-43

34-43

**% in
Pace**

57.0%

46.9%

Collision Data

There have been 2 reported collision along this segment of roadway, 1 of which involved injury, in a 3 year period (06-01-17 to 05-31-20). These collisions resulted in a segment accident rate of 0.80 collisions per million vehicle miles. The statewide average is 1.32 collisions per million vehicle miles for similar suburban conventional 2 lanes or less with speeds less than 45 miles per hour.

VOLUME
McDonald Rd S/O Gerald Ln



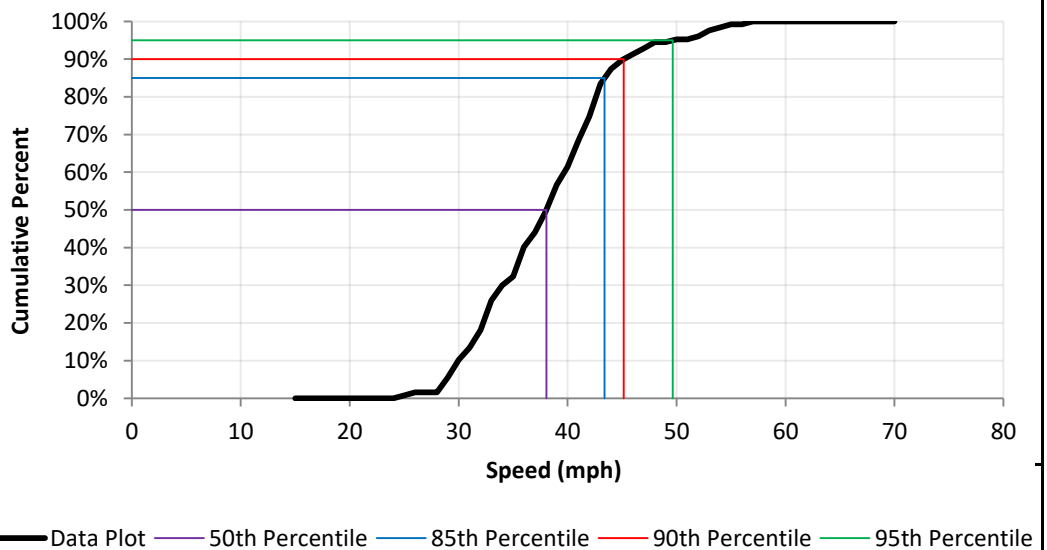
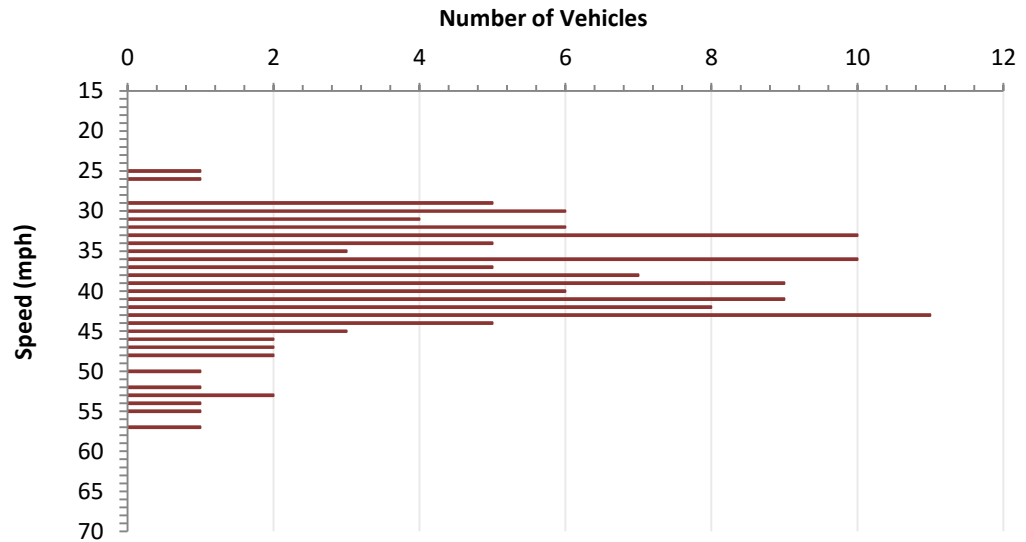
RADAR SPEED SURVEY

SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

Road Name:	MacDonald Rd	From:	South In of Fallbrook st	To:	North In of Pepper Tree In
Position:	200' S/o Gerald Way	Direction:	NB/SB		

Date:	9/28/2020	Weather:	Clear	Project Number:	TAC
Time Start:	9:00 AM	Road Condition:	Dry	Observer:	Contractor
Time End:	11:00 AM	Posted Speed:	45 MPH	Calibration Test:	Y

Speed (mph)	Num. Veh.	Cum. Pct.
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25	1	0.8%
26	1	1.6%
27		
28		
29	5	5.5%
30	6	10.2%
31	4	13.4%
32	6	18.1%
33	10	26.0%
34	5	29.9%
35	3	32.3%
36	10	40.2%
37	5	44.1%
38	7	49.6%
39	9	56.7%
40	6	61.4%
41	9	68.5%
42	8	74.8%
43	11	83.5%
44	5	87.4%
45	3	89.8%
46	2	91.3%
47	2	92.9%
48	2	94.5%
49		
50	1	95.3%
51		
52	1	96.1%
53	2	97.6%
54	1	98.4%
55	1	99.2%
56		
57	1	100.0%
58		
59		
60		
61		
62		
63		
64		
65		
66		
67		
68		
69		
70		
Total	127	



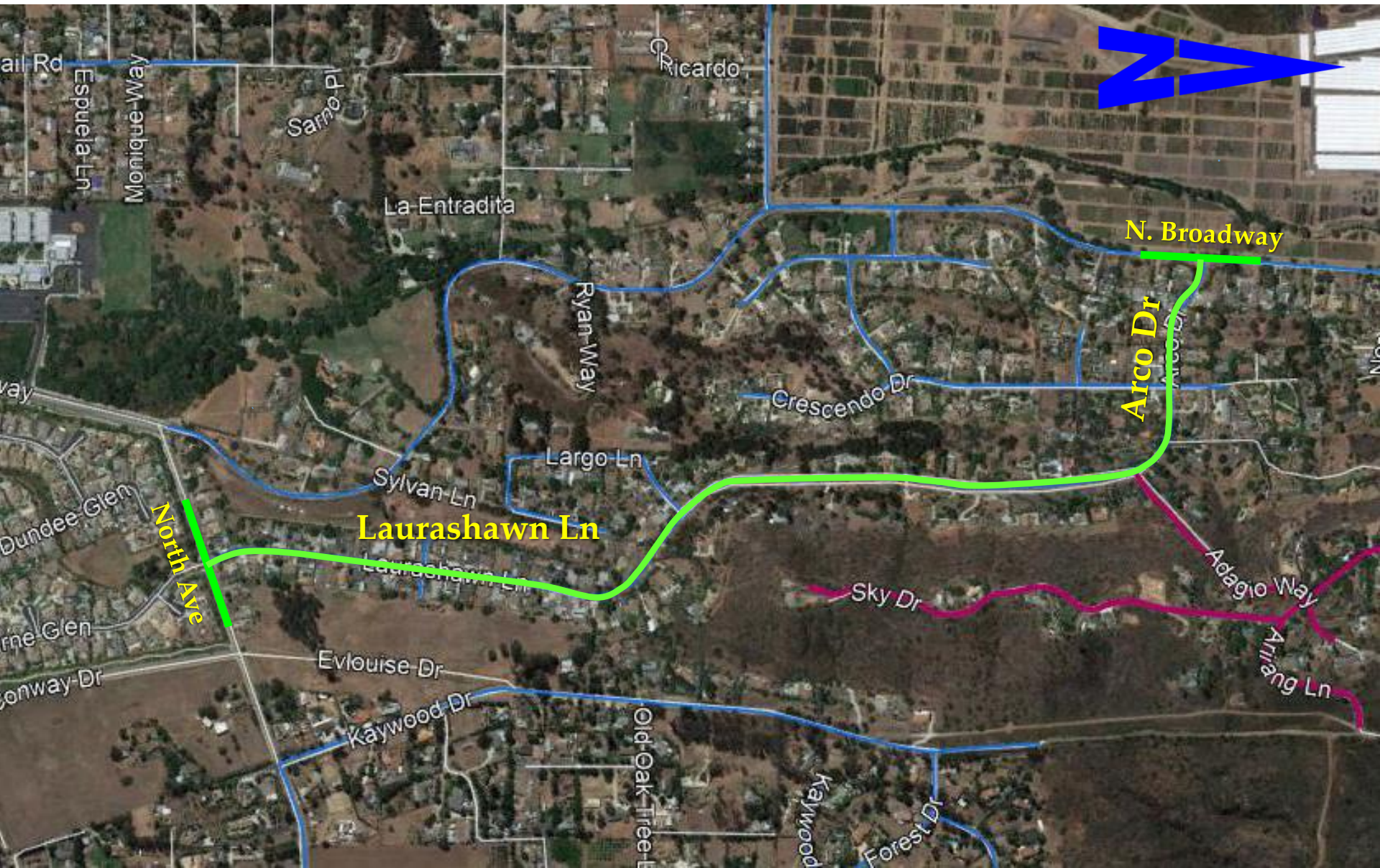
— Data Plot
 — 50th Percentile
 — 85th Percentile
 — 90th Percentile
 — 95th Percentile

DATA ANALYSIS

Average Speed	38.5	Range	25 - 57
50th Percentile	38.1	10 mph Pace	34 - 43
85th Percentile	43.4	Number in Pace	73
90th Percentile	45.2	Percent in Pace	57%
95th Percentile	49.7		

5-B. Weight Restriction

Laurashawn Ln/Arco Dr from N. Broadway to North Ave (1.16 mi)



SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE

COMMITTEE REPORT OF: October 23, 2020

Item 5-B

SUPERVISORIAL DISTRICT: 2

SUBJECT: Weight Restriction

LOCATION: Laurashawn Lane/Arco Drive from North Avenue to North Broadway (a distance of 1.16 miles)
ESCONDIDO (Thos. Bros. 1109-H1)

INITIATED BY: DPW Traffic Engineering

REQUEST: Commercial Weight Restriction

PROBLEM AS STATED BY REQUESTER:

Laurashawn Lane/Arco Drive from North Avenue to North Broadway is a residential area as defined in the County Traffic Guidelines. Large commercial vehicles have used this roadway as an alternative route to North Broadway. The roadway design parameters were not intended for large vehicle traffic.

Existing Traffic Devices

Laurashawn Lane/Arco Drive is a striped two-lane local roadway 36 to 40 in width. The roadway is striped with a no passing centerline. A section of Laurashawn Lane is a divided two lane roadway. The roadway is unclassified in the County General Plan Mobility Element Network. Laurashawn Lane is posted 25 MPH.

Average Daily Traffic Volumes

02/20

Laurashawn Ln:

50' N/o Tamara Dr

1,150

Truck Survey

02/18/20 (12:00am to 11:59pm)

02/18/20 (12:00am to 11:59pm)

2 Axle Trucks	20	16
3 Axle Trucks	5	7
4 Axle Trucks	0	0
5 Axle Trucks	0	0
6 Axle Trucks	0	0

Collision Data

There have been 0 reported collisions along this segment of roadway in a 3 year period (04-01-17 to 03-31-20).



County of San Diego

JEFF MONEDA
DIRECTOR

DEPARTMENT OF PUBLIC WORKS
5510 OVERLAND AVENUE, SUITE 410
SAN DIEGO, CA 92123-1237
(858) 694-2212
www.sdcountry.ca.gov/dpw/

COUNTY TRAFFIC ENGINEER RECOMMENDATION

Date: October 7, 2020

Item Title: Weight Restriction

Location: Laurashawn Lane/Arco Drive

CTE Recommendation: Establish Commercial Weight Restriction

Conditions:

- California Vehicle Code (CVC) Sections 35712 and 35715 state that a County may, by ordinance, prohibit commercial vehicle exceeding a gross weight of 14,000 pounds for using a residential or subdivision area roadways and a truck Route designation and signage have to be established before the Ordinance is effective.
- The County Traffic Guidelines adopted by the Board of Supervisors on March 4, 2015 (Resolution 15-021) provides a description of a residential area where a roadway is predominately abutting residential units where trucks could be prohibited on these residential roadways.
- Laurashawn Lane/Arco Drive are within a residential area as defined by the County Traffic Guidelines and their roadway design parameters were not intended for a large amount of trucks.
- In September 2020 staff observed several large trucks using Laurashawn Lane/Arco Drive as a truck route to avoid North Broadway.

- North Broadway is listed as a Community Collector on the County of San Diego General Plan Mobility Element. The Mobility Element identifies roadways that are considered as the backbone for the County's transportation network, which include Truck Routes.
- An alternate truck route, as required by the CVC Section 35715 is hereby, identified as North Broadway, which is parallel to Laurashawn Lane and intended as a Truck Route by the County Mobility Element of the General Plan.
- Therefore, a commercial weight restriction of 14,000 pounds should be established for Laurashawn Lane/Arco Drive from North Avenue to North Broadway.

VOLUME

Laurashawn Ln 50' N/O Tamara Dr

Day: Tuesday
Date: 02/18/20

City: Escondido
Project #: CA20_4041_001

DAILY TOTALS					NB	SB						EB	WB	Total
					595	586						0	0	1,181
AM Period	NB	SB	EB	WB	TOTAL	PM Period	NB	SB	EB	WB	TOTAL			
00:00	0	1	0	0	1	12:00	13	13	0	0	26			
00:15	1	0	0	0	1	12:15	11	4	0	0	15			
00:30	1	0	0	0	1	12:30	10	7	0	0	17			
00:45	0	2	0	1	3	12:45	10	44	8	32	94			
01:00	0	0	0	0		13:00	7	5	0	0	12			
01:15	0	0	0	0		13:15	17	6	0	0	23			
01:30	0	1	0	0	1	13:30	6	10	0	0	16			
01:45	0	0	1	0	1	13:45	5	35	6	27	73			
02:00	2	0	0	0	2	14:00	3	12	0	0	15			
02:15	1	0	0	0	1	14:15	8	8	0	0	16			
02:30	1	0	0	0	1	14:30	14	7	0	0	21			
02:45	3	7	0	0	10	14:45	18	43	19	46	126			
03:00	0	0	0	0		15:00	13	7	0	0	20			
03:15	0	1	0	0	1	15:15	14	8	0	0	22			
03:30	0	0	0	0		15:30	21	13	0	0	34			
03:45	0	1	2	0	3	15:45	17	65	13	41	136			
04:00	0	1	0	0	1	16:00	11	7	0	0	18			
04:15	0	3	0	0	3	16:15	8	11	0	0	19			
04:30	0	3	0	0	3	16:30	13	10	0	0	23			
04:45	2	2	0	7	11	16:45	17	49	7	35	118			
05:00	0	2	0	0	2	17:00	24	11	0	0	35			
05:15	0	6	0	0	6	17:15	14	8	0	0	22			
05:30	1	3	0	0	4	17:30	14	6	0	0	20			
05:45	0	1	7	18	19	17:45	15	67	5	30	127			
06:00	1	13	0	0	14	18:00	19	8	0	0	27			
06:15	2	8	0	0	10	18:15	6	11	0	0	17			
06:30	4	16	0	0	20	18:30	18	2	0	0	20			
06:45	3	10	14	51	78	18:45	5	48	7	28	78			
07:00	5	13	0	0	18	19:00	7	4	0	0	11			
07:15	3	21	0	0	24	19:15	4	5	0	0	9			
07:30	7	12	0	0	19	19:30	5	3	0	0	8			
07:45	3	18	13	59	83	19:45	14	30	9	21	74			
08:00	7	19	0	0	26	20:00	6	5	0	0	11			
08:15	5	20	0	0	25	20:15	11	2	0	0	13			
08:30	3	10	0	0	13	20:30	11	6	0	0	17			
08:45	5	20	11	60	96	20:45	11	39	3	16	69			
09:00	7	8	0	0	15	21:00	7	4	0	0	11			
09:15	9	12	0	0	21	21:15	5	3	0	0	8			
09:30	2	9	0	0	11	21:30	5	2	0	0	7			
09:45	4	22	13	42	81	21:45	3	20	1	10	34			
10:00	4	14	0	0	18	22:00	6	0	0	0	6			
10:15	9	10	0	0	19	22:15	1	0	0	0	1			
10:30	5	6	0	0	11	22:30	1	0	0	0	1			
10:45	8	26	7	37	78	22:45	4	12	1	1	18			
11:00	14	7	0	0	21	23:00	2	2	0	0	4			
11:15	6	4	0	0	10	23:15	2	0	0	0	2			
11:30	5	1	0	0	6	23:30	0	3	0	0	3			
11:45	6	31	4	16	57	23:45	0	4	0	5	9			
TOTALS	139	294			433	TOTALS	456	292			748			
SPLIT %	32.1%	67.9%			36.7%	SPLIT %	61.0%	39.0%			63.3%			

DAILY TOTALS					NB	SB	EBWB					Total
					595	586						0
AM Peak Hour	11:45	07:15			07:30	PM Peak Hour	16:45	14:45			14:45	
AM Pk Volume	40	65			86	PM Pk Volume	69	47			113	
Pk Hr Factor	0.769	0.774			0.827	Pk Hr Factor	0.719	0.618			0.764	
7 - 9 Volume	38	119	0	0	157	4 - 6 Volume	116	65	0	0	181	
7 - 9 Peak Hour	07:30	07:15			07:30	4 - 6 Peak Hour	16:45	16:15			16:30	
7 - 9 Pk Volume	22	65	0	0	86	4 - 6 Pk Volume	69	39	0	0	104	
Pk Hr Factor	0.786	0.774	0.000	0.000	0.827	Pk Hr Factor	0.719	0.886	0.000	0.000	0.743	

VOLUME

Laurashawn Ln 50' N/O Tamara Dr

Day: Wednesday
Date: 02/19/20

City: Escondido
Project #: CA20_4041_001

DAILY TOTALS					NB	SB	EB					WB	Total
					579	540	0					0	1,119
AM Period	NB	SB	EB	WB	TOTAL	PM Period	NB	SB	EB	WB	TOTAL		
00:00	1	0	0	0	1	12:00	5	9	0	0	14		
00:15	0	0	0	0		12:15	9	10	0	0	19		
00:30	0	0	0	0		12:30	12	5	0	0	17		
00:45	0	1	0	0		12:45	10	36	5	29	65		
01:00	1	0	0	0	1	13:00	8	13	0	0	21		
01:15	0	1	0	0	1	13:15	8	4	0	0	12		
01:30	0	1	0	0	1	13:30	9	7	0	0	16		
01:45	2	3	1	3	6	13:45	14	39	10	34	73		
02:00	0	0	0	0	1	14:00	5	11	0	0	16		
02:15	0	0	0	0		14:15	13	8	0	0	21		
02:30	1	0	0	0		14:30	11	14	0	0	25		
02:45	0	1	0	0		14:45	15	44	10	43	87		
03:00	0	0	0	0	2	15:00	9	11	0	0	20		
03:15	0	0	0	0		15:15	16	5	0	0	21		
03:30	2	0	0	0		15:30	13	6	0	0	19		
03:45	0	2	0	0		15:45	9	47	5	27	74		
04:00	0	4	0	0	4	16:00	19	7	0	0	26		
04:15	0	2	0	0	2	16:15	15	6	0	0	21		
04:30	0	1	0	0	1	16:30	12	11	0	0	23		
04:45	2	2	1	8	10	16:45	18	64	6	30	94		
05:00	1	0	0	0	1	17:00	16	7	0	0	23		
05:15	0	2	0	0	2	17:15	20	11	0	0	31		
05:30	3	7	0	0	10	17:30	12	7	0	0	19		
05:45	0	4	8	17	21	17:45	13	61	9	34	95		
06:00	1	13	0	0	14	18:00	4	4	0	0	8		
06:15	2	9	0	0	11	18:15	12	10	0	0	22		
06:30	3	15	0	0	18	18:30	15	5	0	0	20		
06:45	4	10	8	45	55	18:45	8	39	4	23	62		
07:00	5	18	0	0	23	19:00	17	6	0	0	23		
07:15	3	15	0	0	18	19:15	15	4	0	0	19		
07:30	6	15	0	0	21	19:30	9	2	0	0	11		
07:45	8	22	21	69	91	19:45	10	51	5	17	68		
08:00	9	15	0	0	24	20:00	9	4	0	0	13		
08:15	5	14	0	0	19	20:15	7	1	0	0	8		
08:30	5	7	0	0	12	20:30	7	1	0	0	8		
08:45	6	25	6	42	67	20:45	6	29	0	6	35		
09:00	5	12	0	0	17	21:00	9	9	0	0	18		
09:15	2	12	0	0	14	21:15	9	0	0	0	9		
09:30	3	7	0	0	10	21:30	2	1	0	0	3		
09:45	2	12	6	37	49	21:45	2	22	0	10	32		
10:00	7	9	0	0	16	22:00	2	0	0	0	2		
10:15	6	8	0	0	14	22:15	1	0	0	0	1		
10:30	8	10	0	0	18	22:30	1	2	0	0	3		
10:45	5	26	5	32	58	22:45	1	5	0	2	7		
11:00	10	12	0	0	22	23:00	1	0	0	0	1		
11:15	7	7	0	0	14	23:15	2	0	0	0	2		
11:30	6	8	0	0	14	23:30	1	1	0	0	2		
11:45	5	28	4	31	59	23:45	2	6	0	1	7		
TOTALS	136	284			420	TOTALS	443	256			699		
SPLIT %	32.4%	67.6%			37.5%	SPLIT %	63.4%	36.6%			62.5%		

DAILY TOTALS					NB	SB						EB	WB	Total
					579	540						0	0	1,119
AM Peak Hour	11:45	07:00			07:30		PM Peak Hour	16:30	13:45			16:30		
AM Pk Volume	31	69			93		PM Pk Volume	66	43			101		
Pk Hr Factor	0.646	0.821			0.802		Pk Hr Factor	0.825	0.768			0.815		
7 - 9 Volume	47	111	0	0	158		4 - 6 Volume	125	64	0	0	189		
7 - 9 Peak Hour	07:30	07:00			07:30		4 - 6 Peak Hour	16:30	16:30			16:30		
7 - 9 Pk Volume	28	69	0	0	93		4 - 6 Pk Volume	66	35	0	0	101		
Pk Hr Factor	0.778	0.821	0.000	0.000	0.802		Pk Hr Factor	0.825	0.795	0.000	0.000	0.815		