

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

June 5, 2015

TO: Community Planning/Sponsor Group Chairpersons

FROM: Secretary, Traffic Advisory Committee

MEETING NOTICE

Attached is the tentative agenda for the June 12, 2015 meeting of the Traffic Advisory Committee (TAC). The meeting will begin at 9:00 AM in the **Department of the Public Works, Second Floor Room 271, 5510 Overland Avenue in San Diego.**

If there is an item on this agenda that your community planning/sponsor group would like to submit a formal recommendation to the Board of Supervisors on and need additional time to review, please contact Patricia Johnson-Horsman at (858) 694-3875 by noon on Friday, January 16, 2015 to request the item be continued. Normally, a continued item will be placed on the agenda of the next TAC meeting. TAC items are usually generated by citizens/residents in the immediate vicinity. In an effort to respond to them in a timely manner, we request a formal recommendation be submitted within a two-month period from the continuance date. TAC staff is available to provide background information on any item that is continued by your group and to answer any questions you may have. We look forward to receiving your group's input.

If your community planning/sponsor group continues an item, it is important that we receive a written reply stating what action your group formally recommends to the Board of Supervisors. Your group's formal recommendation will then be included as part of the Chief Administrative Officer's report to the Board of Supervisors regarding the TAC recommendations. After reviewing both the TAC and the community planning/sponsor group's recommendation, the Board will make the final decision as to what action will be taken.

If you have any questions or need additional information regarding this procedure, please contact me at (858) 694-3843.

Very truly yours,

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

Attachment



SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE

June 12, 2015

AGENDA

Agenda:

- I. Call to Order / Roll Call
- II. Pledge of Allegiance
- III. Approval of Minutes from April 24, 2015
- IV. Items for Review:

SUBJECT	LOCATION	AREA	PLANNING/ SPONSOR GROUP
<u>SUPERVISORIAL DISTRICT 1</u>			
1-A. RADAR RECERTIFICATION	BONITA RD	BONITA	SWEETWATER
1-B. INTERSECTION REVIEW	PROCTOR VALLEY RD @ SAN MIGUEL RD	BONITA	SWEETWATER
<u>SUPERVISORIAL DISTRICT 2</u>			
2-A. RADAR RECERTIFICATION	BRABHAM ST	EL CAJON	LAKESIDE
2-B. RADAR RECERTIFICATION	CHASE AV	EL CAJON	LAKESIDE
2-C. RADAR RECERTIFICATION	JAMACHA RD	SPRING VALLEY	SPRING VALLEY
2-D. BUS LOADING ZONE	GRAVES AVENUE	EL CAJON	LAKESIDE
<u>SUPERVISORIAL DISTRICT 5</u>			
5-A. PARKING PROHIBITION	SAN PABLO DR	LAKE SAN MARCOS	N/A

Bonita Road from the Chula Vista City Limits easterly to Willow Street a distance of 1.27 miles. Posted 50 MPH/Radar Enforced



SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE

COMMITTEE REPORT OF: June 12, 2015 **Item 1-A**

SUPERVISORIAL DISTRICT: 1

SUBJECT: Radar Recertification

LOCATION: Bonita Road from the Chula Vista City Limit (near Plaza Bonita Road) easterly to the Chula Vista City Limit (near Willow Street), (a distance of 1.27 miles) BONITA (Thos. Bros. 1310-E5) Sweetwater Community Planning Group

INITIATED BY: DPW Traffic Engineering

REQUEST: Radar Recertification of the Existing 50 MPH Speed Limit

PROBLEM AS STATED BY REQUESTER:

Bonita Road is posted 50 MPH and is radar enforced. Preliminary review of prevailing speeds and roadway conditions support radar recertification for the existing 50 MPH speed limit.

Existing Traffic Devices

Bonita Road is a striped four-lane Through Highway. It measures 82 feet wide. The west end of Bonita Road has a raised median separating both directions of travel. The remaining roadway has a two-way left turn lane. There are bikes lanes along both sides of the road. The road is posted 50 MPH and is radar enforced. This roadway is classified as a Major Road on the County General Plan Mobility Element Network.

<u>Average Daily Traffic Volumes</u>	<u>04/15</u>	<u>04/09</u>
Bonita Road W/o Andorra Way:	**30,670	*28,890

**Estimated Two-Way Count

*Two-Way Count

<u>Spot Speed Data</u>	<u>85th Percentile</u>	<u>10 MPH Pace</u>	<u>% in Pace</u>
Bonita Road:			
1000' E/o Andorra Way (2015)	53.6 MPH	44-53	65.0%
(2009)	53.5 MPH	46-55	84.0%
1900' W/o Willow Street (2015)	52.4 MPH	41-50	65.0%

Collision Data

There have been five reported collisions, three of which involved injuries along this segment in the last five year, one month period (1-1-10 to 2-28-15).

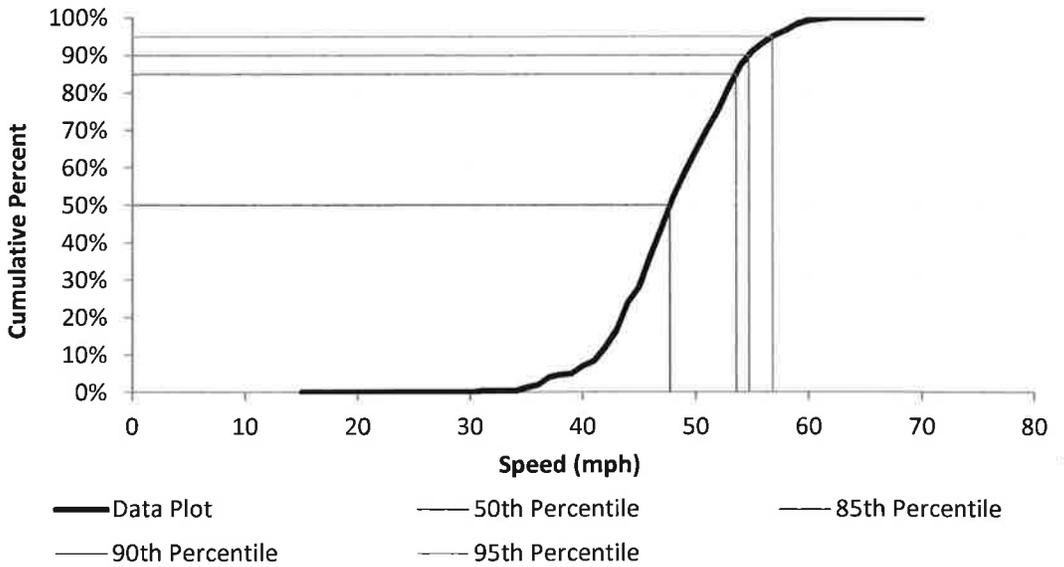
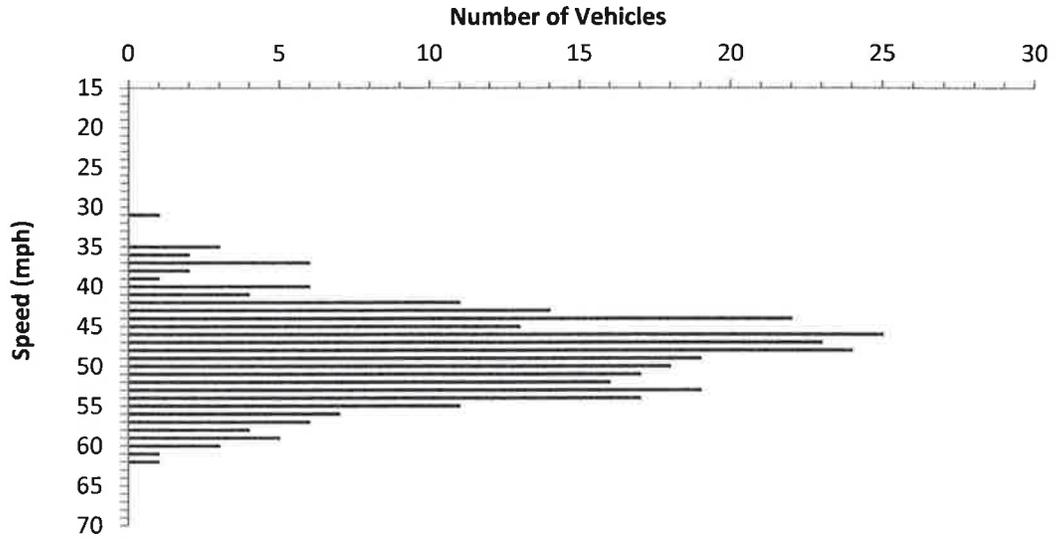


RADAR SPEED SURVEY

SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

Road Name: Bonita Rd	From: Plaza Bonita Rd	To: Willow Rd
Position: 1000' E/o Andora	Direction: EB/WB	
Date: 5/19/2015	Weather: clear	Project Number: 0
Time Start: 10:50 AM	Road Condition: dry	Observer: Werner Pieters
Time End: 11:30 AM	Posted Speed: 50MPH	Calibration Test: N

Speed (mph)	Num. Veh.	Cum. Pct.
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		
26		
27		
28		
29		
30		
31	1	0.3%
32		
33		
34		
35	3	1.3%
36	2	2.0%
37	6	4.0%
38	2	4.7%
39	1	5.0%
40	6	7.0%
41	4	8.3%
42	11	12.0%
43	14	16.6%
44	22	23.9%
45	13	28.2%
46	25	36.5%
47	23	44.2%
48	24	52.2%
49	19	58.5%
50	18	64.5%
51	17	70.1%
52	16	75.4%
53	19	81.7%
54	17	87.4%
55	11	91.0%
56	7	93.4%
57	6	95.3%
58	4	96.7%
59	5	98.3%
60	3	99.3%
61	1	99.7%
62	1	100.0%
63		
64		
65		
66		
67		
68		
69		
70		
Total	301	



DATA ANALYSIS

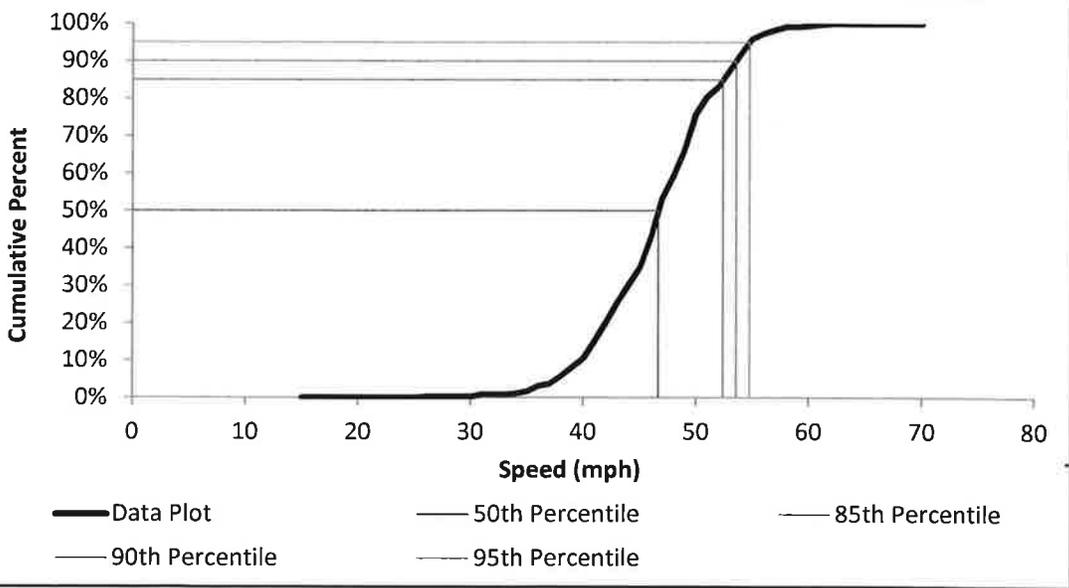
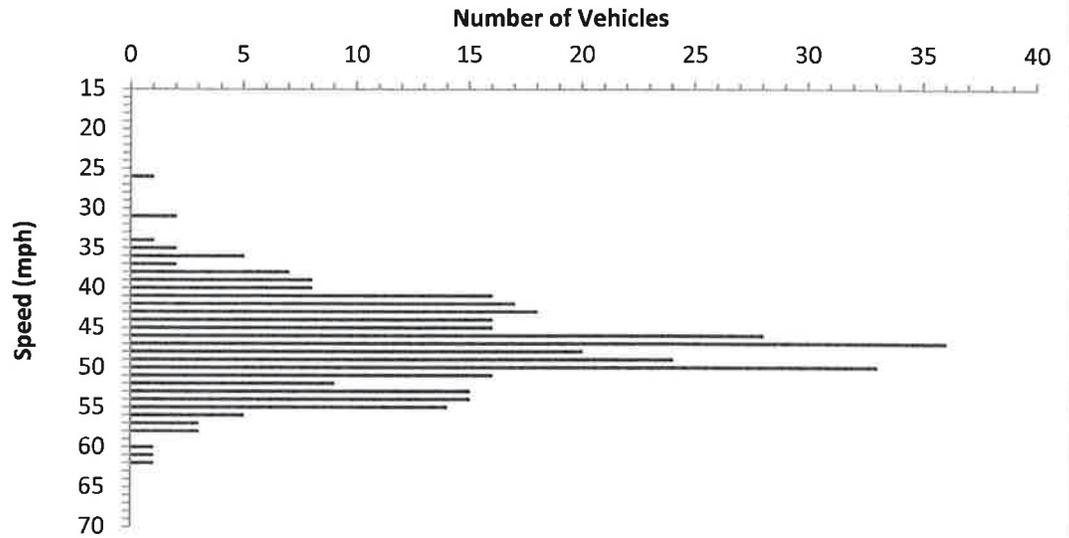
Average Speed	48.4	Range	31 - 62
50th Percentile	47.7	10 mph Pace	44 - 53
85th Percentile	53.6	Number in Pace	196
90th Percentile	54.7	Percent in Pace	65%
95th Percentile	56.8		



RADAR SPEED SURVEY SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

Road Name: Bonita Rd	From: Plaza Bonita Rd	To: Willow Rd
Position: 1900' W/o Willow	Direction: EB/WB	
Date: 5/28/2015	Weather: clear	Project Number: 0
Time Start: 10:00 AM	Road Condition: dry	Observer: Werner Pieters
Time End: 10:45 AM	Posted Speed: 50MPH	Calibration Test: N

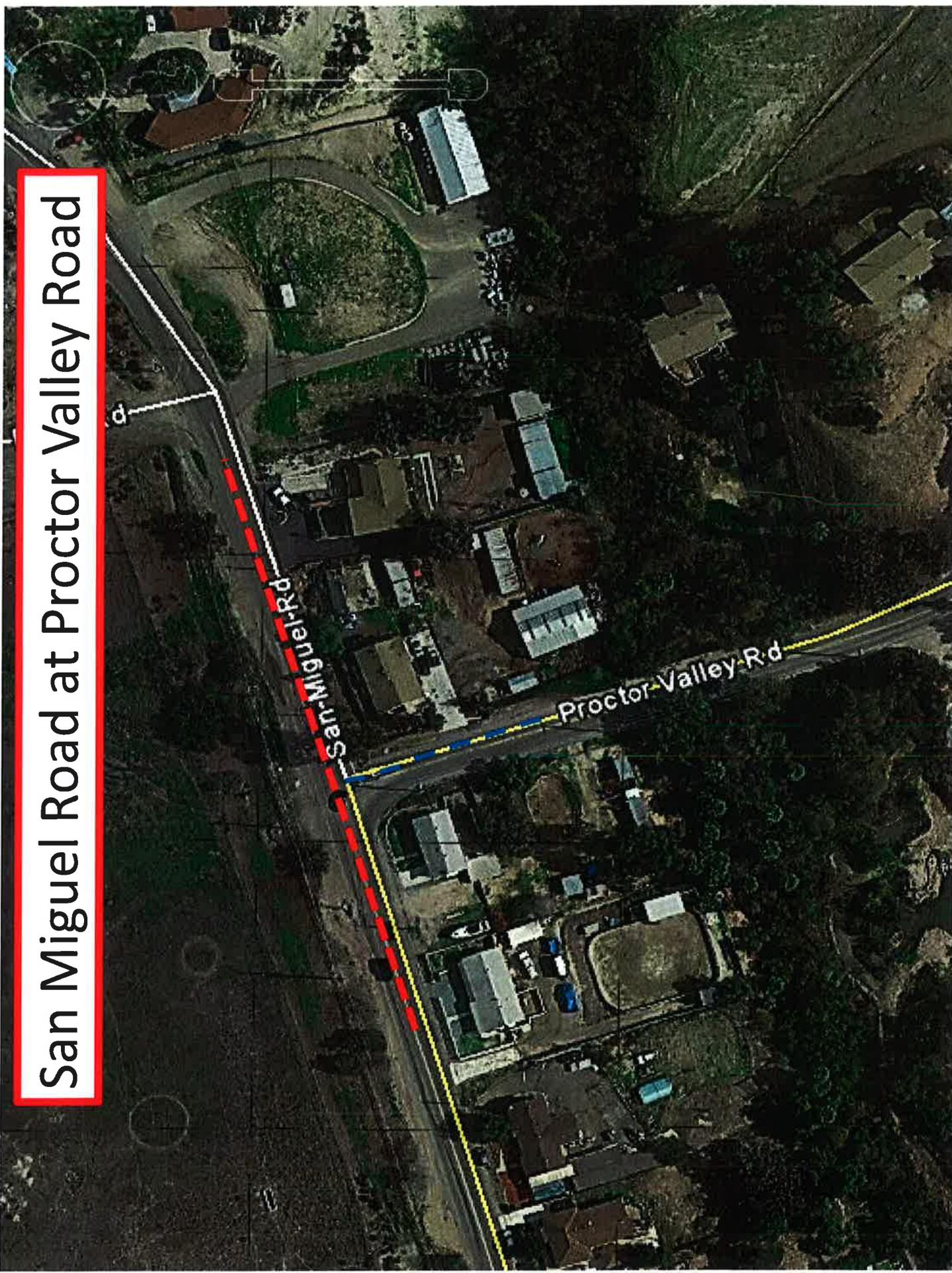
Speed (mph)	Num. Veh.	Cum. Pct.
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		
26	1	0.3%
27		
28		
29		
30		
31	2	0.9%
32		
33		
34	1	1.2%
35	2	1.7%
36	5	3.2%
37	2	3.8%
38	7	5.8%
39	8	8.2%
40	8	10.5%
41	16	15.2%
42	17	20.1%
43	18	25.4%
44	16	30.0%
45	16	34.7%
46	28	42.9%
47	36	53.4%
48	20	59.2%
49	24	66.2%
50	33	75.8%
51	16	80.5%
52	9	83.1%
53	15	87.5%
54	15	91.8%
55	14	95.9%
56	5	97.4%
57	3	98.3%
58	3	99.1%
59		
60	1	99.4%
61	1	99.7%
62	1	100.0%
63		
64		
65		
66		
67		
68		
69		
70		
Total	343	



DATA ANALYSIS

Average Speed	47.1	Range	26 - 62
50th Percentile	46.7	10 mph Pace	41 - 50
85th Percentile	52.4	Number in Pace	224
90th Percentile	53.6	Percent in Pace	65%
95th Percentile	54.8		

San Miguel Road at Proctor Valley Road



SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE

COMMITTEE REPORT OF: June 12, 2015 **Item 1-B**

SUPERVISORIAL DISTRICT: 2

SUBJECT: Intersection Review

LOCATION: Proctor Valley Road and San Miguel Road, BONITA
(Thos. Bros. 1291-B7) Sweetwater Community
Planning Group

INITIATED BY: DPW Traffic Engineering

REQUEST: Intersection Review

PROBLEM AS STATED BY REQUESTER:

The Sweetwater Community Planning Group requested that the TAC review the "tee" intersection of Proctor Valley Road and San Miguel Road for an all-way stop control installation.

Existing Traffic Devices

San Miguel Road is a striped two-lane roadway that measures 24 feet wide. The road is posted 25 MPH. This roadway is classified as a Minor Collector on the County General Plan Mobility Element Network.

Proctor Valley Road is a two-lane roadway that "tees" into San Miguel Road from the south. It measures 32 feet wide and is stop controlled. This roadway is classified as a Local Road on the County General Plan Mobility Element Network.

<u>Average Daily Traffic Volumes</u>	<u>02/15</u>
Proctor Valley Road S/o San Miguel Road	3,260 NB
San Miguel Road: W/o Proctor Valley Road	4,450 EB
E/o Proctor Valley Road	512 WB

Collision Data

There have been no reported collisions at this intersection in the last five year, one month period (1-1-10 to 2-28-15).

Brabham Street from Jamacha Road easterly to Merlyn Place
a distance of 0.5 miles. Posted 40 MPH/Radar Enforced



SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE

COMMITTEE REPORT OF: June 12, 2015 **Item 2-A**

SUPERVISORIAL DISTRICT: 2

SUBJECT: Radar Recertification

LOCATION: Brabham Street from Jamacha Road (SR-54) easterly to Merlyn Place (a distance of 0.5 miles) EL CAJON (Thos. Bros. 1272-B4) Lakeside Community Planning Group

INITIATED BY: DPW Traffic Engineering

REQUEST: Radar Recertification of the Existing 40 MPH Speed Limit

PROBLEM AS STATED BY REQUESTER:

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

Existing Traffic Devices

Brabham Street is a striped two-lane Through Highway that varies from 40 to 57 feet wide. There is a planted median separating both directions of travel between SR-54 (Jamacha Road) and Hilton Head Road. The road is posted 40 MPH/Radar Enforced. This roadway is unclassified on the County General Plan Mobility Element Network.

<u>Average Daily Traffic Volumes</u>	<u>4/15</u>	<u>3/09</u>	
Brabham Street: W/o Hilton Head Road	*5,950	*4,780	
*Two-Way Count			
<u>Spot Speed Data</u>	<u>85th Percentile</u>	<u>10 MPH Pace</u>	<u>% in Pace</u>
Brabham Street: @ Greenwick Road	(2015) 44.5 MPH (2008) 45.3 MPH	33-42 34-43	63.0% 62.1%

Collision Data

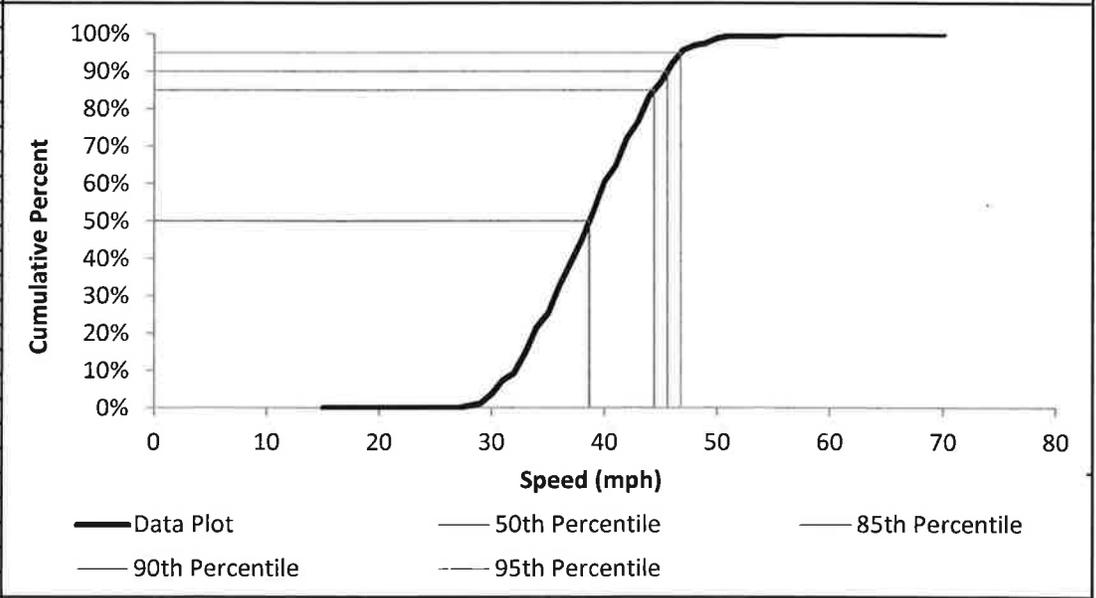
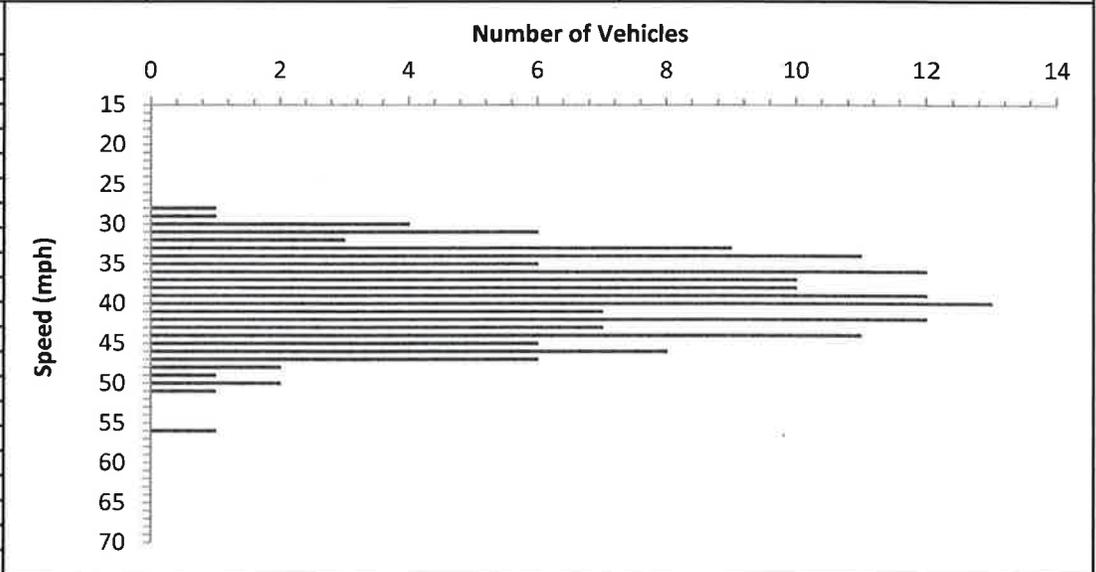
There have been five reported collisions, one of which involved injury, along this segment in the last five year, one month period (1-1-10 to 2-28-15).



RADAR SPEED SURVEY SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

Road Name: Brabham Street	From: Jamacha Rd	To: Merlyn Pl
Position: Brabham @ Greenwick	Direction: EB/WB	
Date: 5/21/2015	Weather: clear	Project Number: 0
Time Start: 1:50 PM	Road Condition: dry	Observer: Werner Pieters
Time End: 2:40 PM	Posted Speed: 40MPH	Calibration Test: N

Speed (mph)	Num. Veh.	Cum. Pct.
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		
26		
27		
28	1	0.6%
29	1	1.2%
30	4	3.7%
31	6	7.4%
32	3	9.3%
33	9	14.8%
34	11	21.6%
35	6	25.3%
36	12	32.7%
37	10	38.9%
38	10	45.1%
39	12	52.5%
40	13	60.5%
41	7	64.8%
42	12	72.2%
43	7	76.5%
44	11	83.3%
45	6	87.0%
46	8	92.0%
47	6	95.7%
48	2	96.9%
49	1	97.5%
50	2	98.8%
51	1	99.4%
52		
53		
54		
55		
56	1	100.0%
57		
58		
59		
60		
61		
62		
63		
64		
65		
66		
67		
68		
69		
70		
Total	162	



DATA ANALYSIS

Average Speed	39.2	Range	28 - 56
50th Percentile	38.7	10 mph Pace	33 - 42
85th Percentile	44.5	Number in Pace	102
90th Percentile	45.6	Percent in Pace	63%
95th Percentile	46.8		

Chase Avenue from Jamacha Road
easterly to Hillsdale Road
a distance of 0.63 miles. Posted 45
MPH/Radar Enforced



SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE

COMMITTEE REPORT OF: June 12, 2015 **Item 2-B**

SUPERVISORIAL DISTRICT: 2

SUBJECT: Radar Recertification

LOCATION: Chase Avenue from Jamacha Road (SR-54) easterly to Hillsdale Road (a distance of 0.63 miles) EL CAJON (Thos. Bros. 1272-B2) Lakeside Community Planning Group

INITIATED BY: DPW Traffic Engineering

REQUEST: Radar Recertification of the Existing 40 MPH Speed Limit

PROBLEM AS STATED BY REQUESTER:

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

Existing Traffic Devices

Chase Avenue is a striped four-lane roadway that measures 78 feet wide. It has painted islands separating both directions of travel. The road is posted 45 MPH/Radar Enforced. This roadway is classified as a Major Road on the County General Plan Mobility Element Network.

<u>Average Daily Traffic Volumes</u>	<u>4/15</u>	<u>8/01</u>
Chase Avenue: N/o Fair Country Road	**10,700	*7,070

**Estimated Two-Way Count
*Two-way Count

<u>Spot Speed Data</u>	<u>85th Percentile</u>	<u>10 MPH Pace</u>	<u>% in Pace</u>
Chase Avenue: 1,270' N/o Fair Country Road	(2015) 49.1 MPH (2009) 45.3 MPH	40-49 34-43	71.0% 62.1%

Collision Data

There have been six reported collisions, one of which involved injury, along this segment in the last five year, one month period (1-1-10 to 2-28-15).

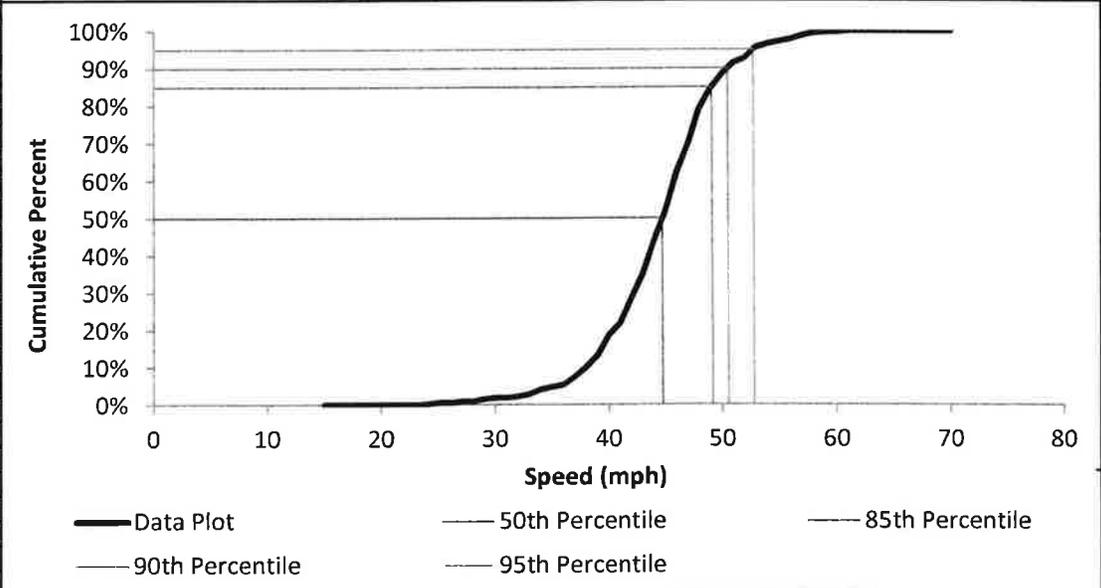
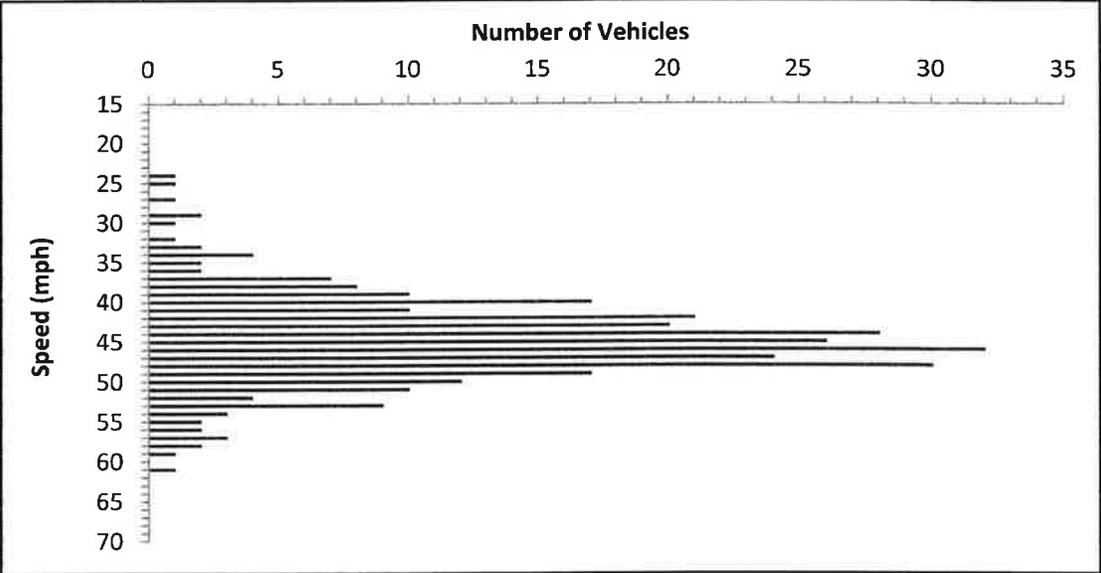


RADAR SPEED SURVEY

SAN DIEGO COUNTY DEPT OF PUBLIC WORKS

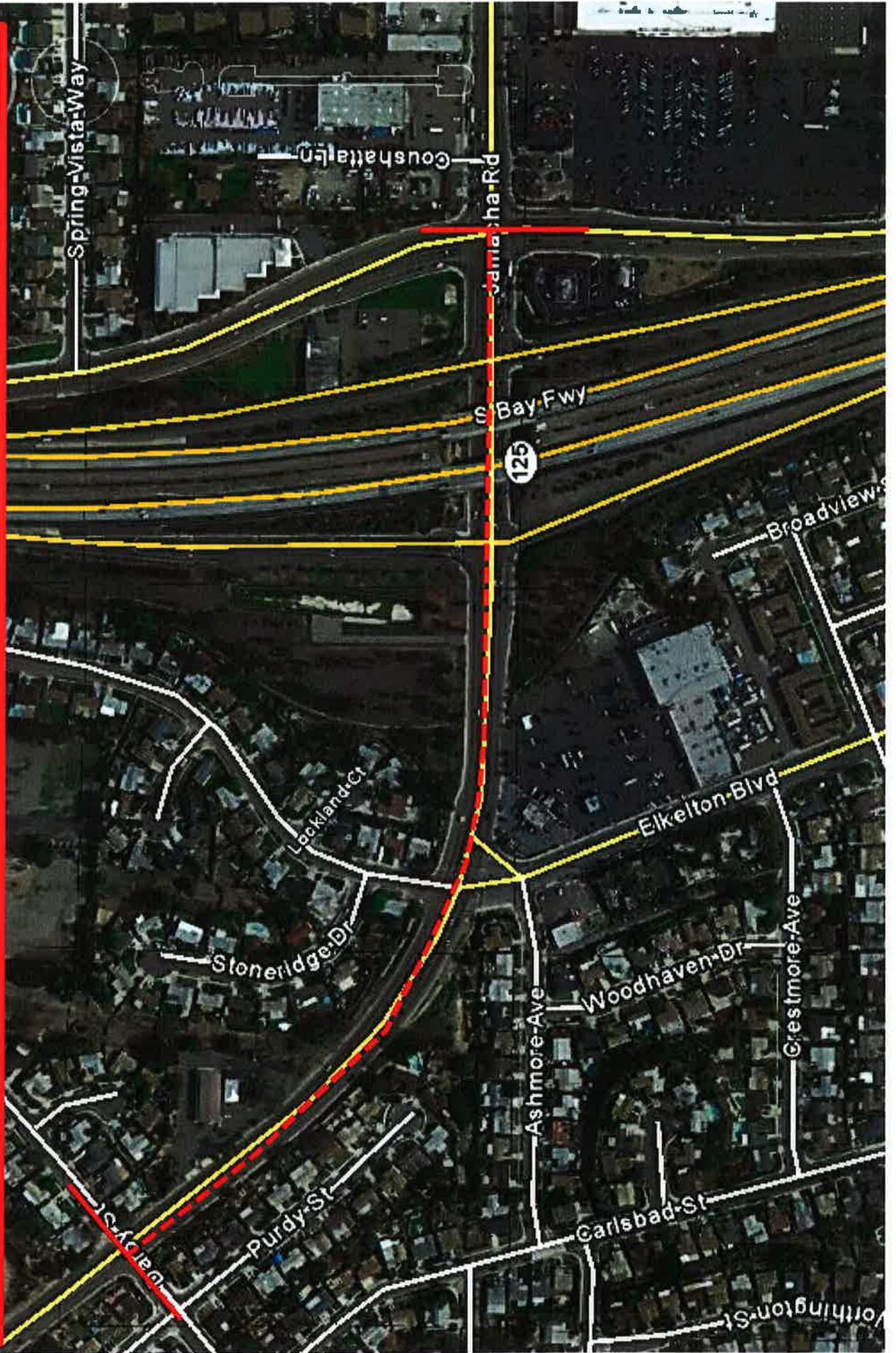
Road Name: Chase Ave	From: Jamacha Rd	To: Hillsdale
Position: 1270 ft S/o Fair Country	Direction: EB/WB	
Date: 3/27/2015	Weather: clear	Project Number: 0
Time Start: 1125:00 AM	Road Condition: dry	Observer: Werner Pieters
Time End: 13:25 AM	Posted Speed: 45MPH	Calibration Test: N

Speed (mph)	Num. Veh.	Cum. Pct.
15		
16		
17		
18		
19		
20		
21		
22		
23		
24	1	0.3%
25	1	0.6%
26		
27	1	0.9%
28		
29	2	1.6%
30	1	1.9%
31		
32	1	2.2%
33	2	2.8%
34	4	4.1%
35	2	4.7%
36	2	5.4%
37	7	7.6%
38	8	10.1%
39	10	13.3%
40	17	18.7%
41	10	21.8%
42	21	28.5%
43	20	34.8%
44	28	43.7%
45	26	51.9%
46	32	62.0%
47	24	69.6%
48	30	79.1%
49	17	84.5%
50	12	88.3%
51	10	91.5%
52	4	92.7%
53	9	95.6%
54	3	96.5%
55	2	97.2%
56	2	97.8%
57	3	98.7%
58	2	99.4%
59	1	99.7%
60		
61	1	100.0%
62		
63		
64		
65		
66		
67		
68		
69		
70		
Total	316	



DATA ANALYSIS			
Average Speed	44.9	Range	24 - 61
50th Percentile	44.8	10 mph Pace	40 - 49
85th Percentile	49.1	Number in Pace	225
90th Percentile	50.5	Percent in Pace	71%
95th Percentile	52.8		

Jamacha Road from Sweetwater Road westerly to the Lemon Grove City Limit a distance of 0.64 miles. Posted 45 MPH/Radar Enforced



SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE

COMMITTEE REPORT OF: June 12, 2015 **Item 2-C**

SUPERVISORIAL DISTRICT: 2

SUBJECT: Radar Recertification

LOCATION: Jamacha Road from Sweetwater Road to the Lemon Grove City Limit (a distance of 0.64 miles) SPRING VALLEY (Thos. Bros. 1290-J2) Spring Valley Community Planning Group

INITIATED BY: DPW Traffic Engineering

REQUEST: Radar Recertification of the Existing 45 MPH Speed Limit

PROBLEM AS STATED BY REQUESTER:

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

Existing Traffic Devices

Jamacha Road is a striped four-lane Through Highway roadway that varies from 70 feet to 97 feet wide. There is a raised median separating both directions of travel from Elkelton Boulevard to the Lemon Grove City Limit. There is a two-way left-turn lane from Elkelton Boulevard to Sweetwater Road. The road is posted 45 MPH/Radar Enforced. This roadway is classified as a Major Road on the County General Plan Mobility Element Network.

<u>Average Daily Traffic Volumes</u>	<u>4/15</u>	<u>1/02</u>
Jamacha Road: W/o Elkelton Blvd	**20,100	*17,660

**Estimated-Two-Way Count
*Two-Way Count

<u>Spot Speed Data</u>		<u>85th Percentile</u>	<u>10 MPH Pace</u>	<u>% in Pace</u>
Jamacha Road: 250' E/o Darby St	(2015)	46.0 MPH	36-45	68.0%
	(2009)	47.0 MPH	40-49	63.4%

Collision Data

There have been 111 reported collisions, 34 of which involved injuries and 4 that involved pedestrians along this segment in the last five year one month period (1-1-10 to 2-28-15).

Spot Speed Study

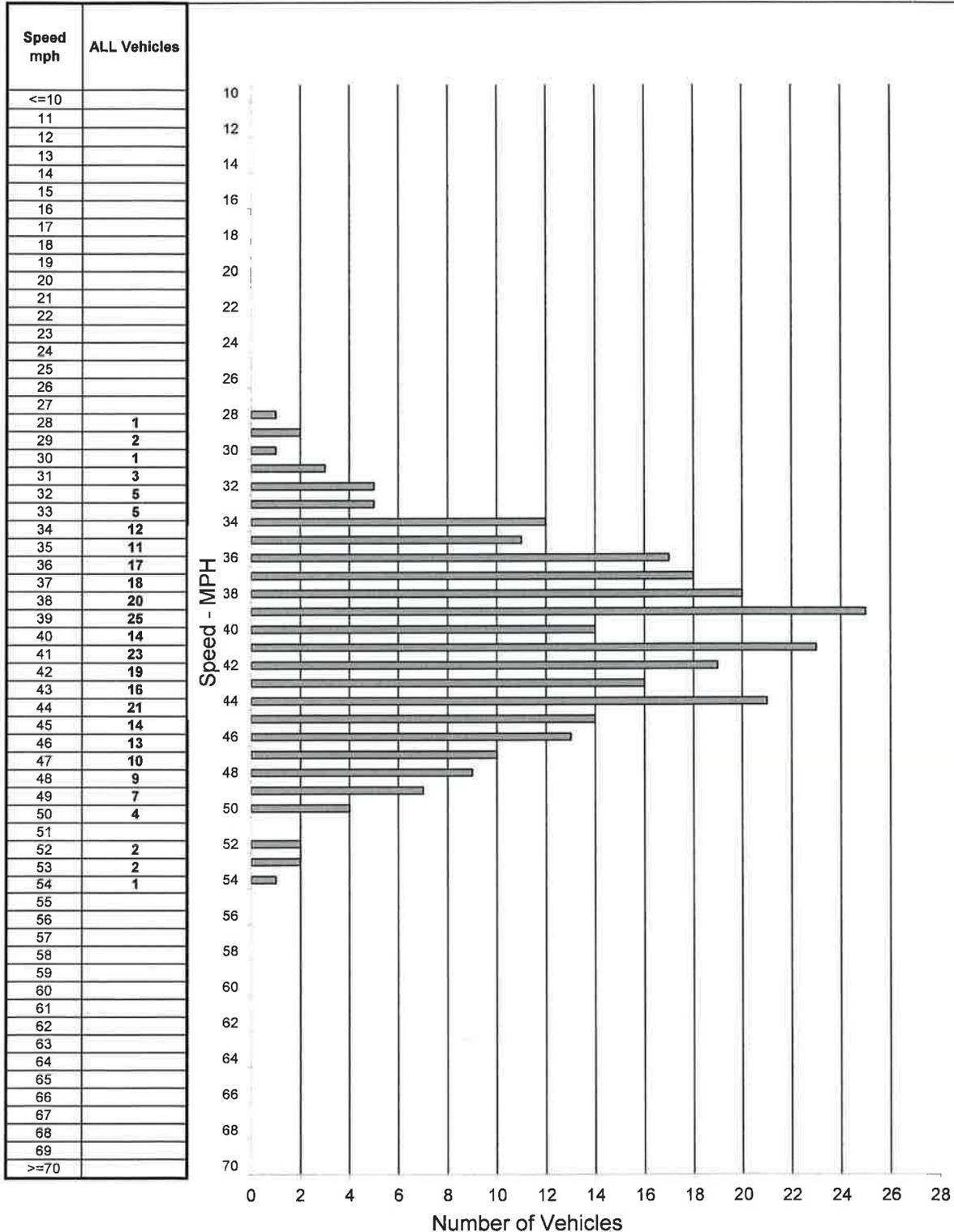
Prepared by: National Data & Surveying Services

City of Spring Valley

DATE: 3/27/2015
TIME: 09:00-11:00

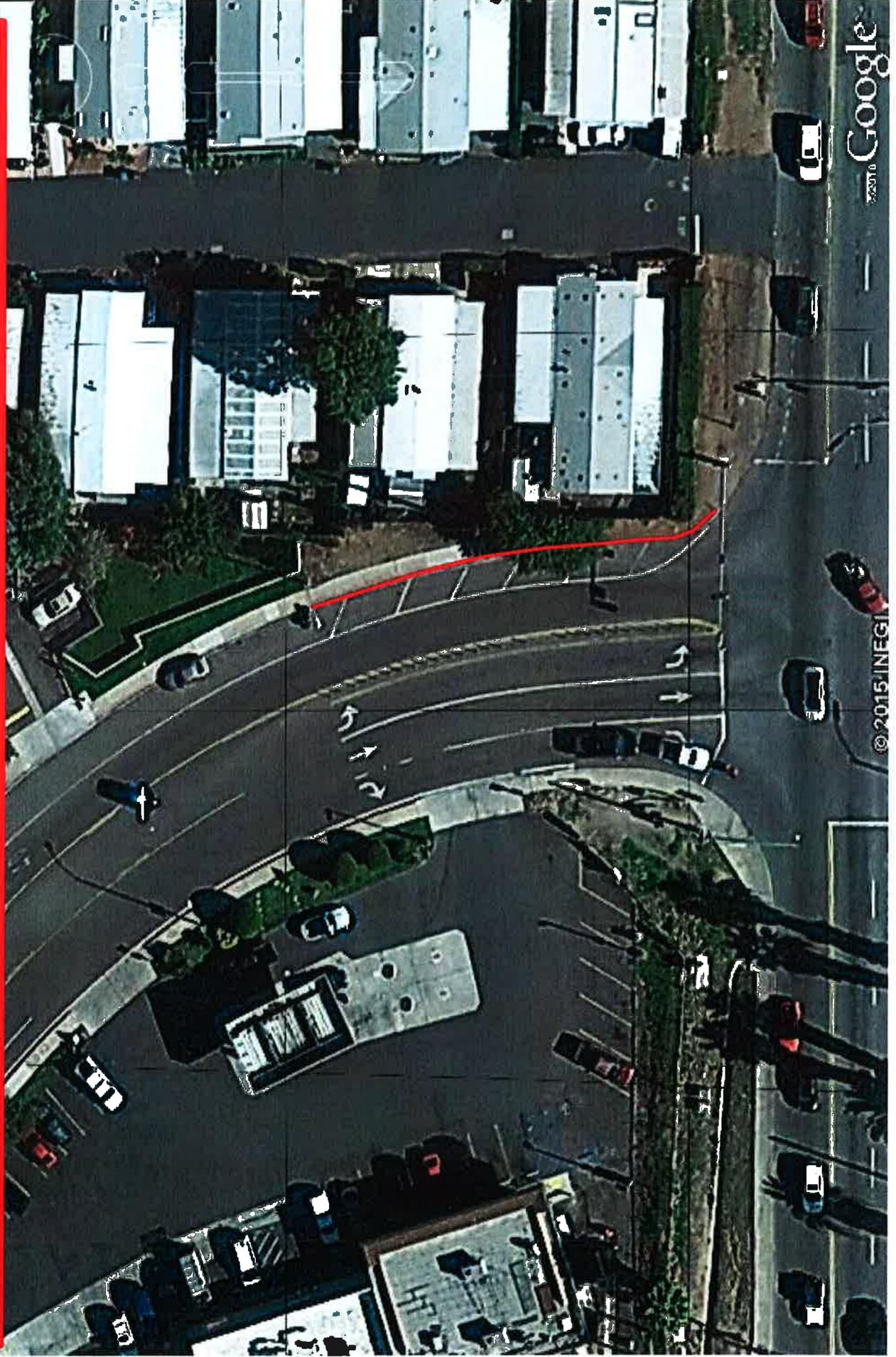
Location: Jamacha Rd 250' e/o Darby St
Posted Speed: 45 MPH Clear/Dry Project #: 15-4104-001

Eastbound Spot Speeds



SPEED PARAMETERS									
Class	Count	Range	50th Percentile	85th Percentile	10 MPH Pace	# in Pace	Percent in Pace	% / # Below Pace	% / # Above Pace
ALL	275	28 - 54	41 mph	46 mph	36 - 45	187	68%	14% / 40	18% / 48

Graves Avenue, east side, from 40 feet north of Bradley Avenue
northerly 120 feet.



SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE

COMMITTEE REPORT OF: June 12, 2015 **Item 2-D**

SUPERVISORIAL DISTRICT: 2

SUBJECT: Bus Loading Zone

LOCATION: Graves Avenue, east side from 40 feet north of Bradley Avenue northerly 120 feet. LAKESIDE (Thos. Bros. (1251-G2) Lakeside Community Planning Group

INITIATED BY: DPW Traffic Engineering

REQUEST: Delete Obsolete Bus Loading Zone

PROBLEM AS STATED BY REQUESTER:

The Bus Loading Zone on Graves Avenue east side, from 40 feet north of Bradley Avenue northerly 120 feet is no longer active. It is requested that the following Board approved resolution enacting this bus loading zone be deleted. Deletion of this obsolete resolution will accurately support the current identified bus route on Graves Avenue in the El Cajon community. Removal of the bus loading zone associated signage and red-curbing will allow parking, where appropriate, to take place in this high demand area.

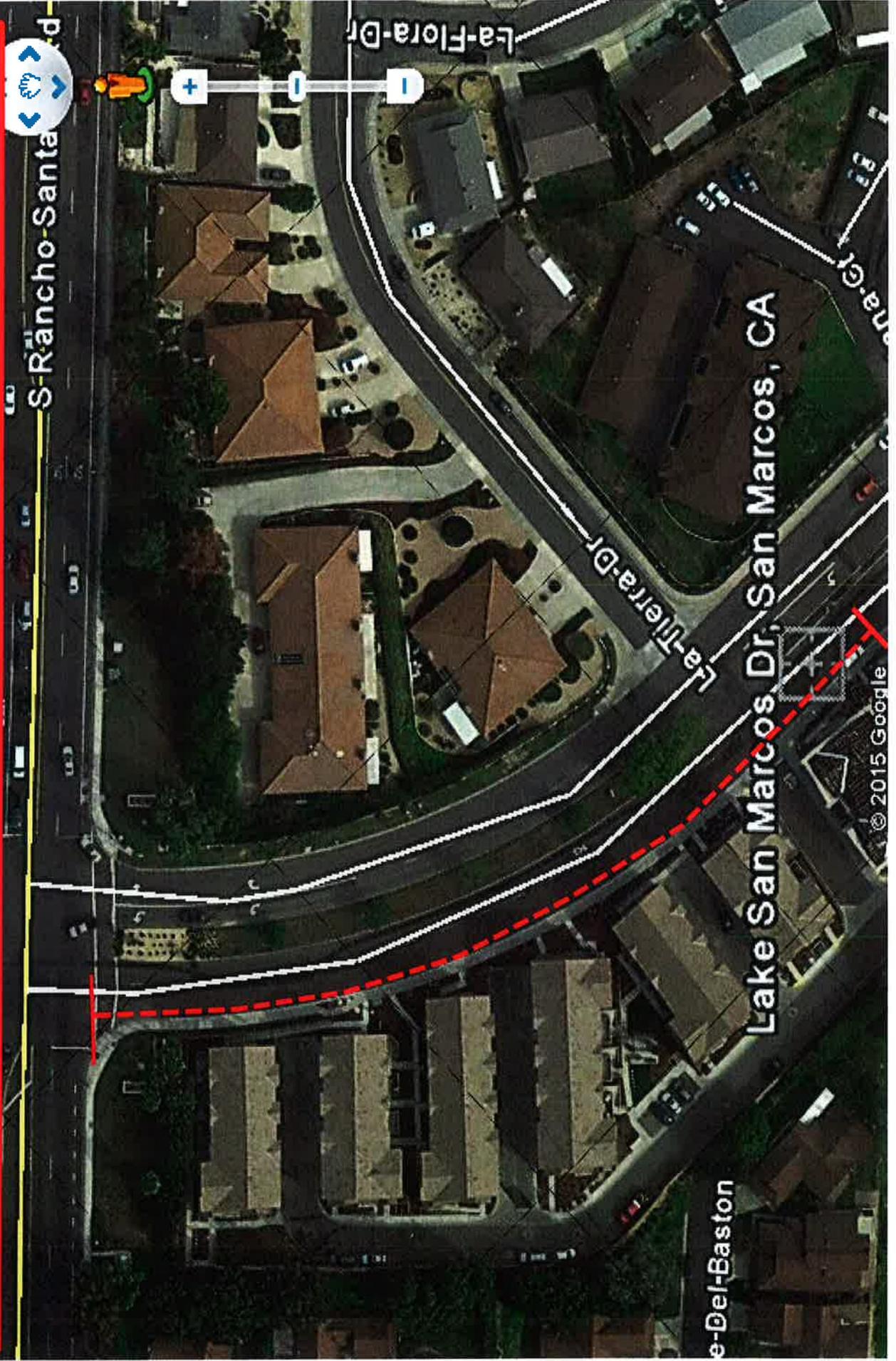
We respectfully request the following Board approved resolution enacting this bus loading zones be deleted:

Graves Avenue (east side)

From a point 40 feet north of Bradley Avenue northerly 120 feet.

Lake San Marcos Drive south side from Rancho Santa Fe Road easterly

540 feet.



SAN DIEGO COUNTY TRAFFIC ADVISORY COMMITTEE

COMMITTEE REPORT OF: June 12, 2015 **Item 5-A**

SUPERVISORIAL DISTRICT: 2

SUBJECT: Parking Prohibition

LOCATION: Lake San Marcos Drive, south side from Rancho Santa Fe Road easterly 540 feet LAKE SAN MARCOS (Thos. Bros. 1128 C2)

INITIATED BY: DPW Traffic Engineering

REQUEST: Parking Prohibition

PROBLEM AS STATED BY REQUESTER:

Due to the completion of adjacent condos/town homes and street improvements which include sidewalks for pedestrians, this existing Parking Prohibition is no longer necessary.

Existing Traffic Devices

Lake San Marcos Drive is a striped four-lane roadway that measures a total of 78 feet wide. It is separated by an 18 foot wide, raised planted median. The road is posted 25 MPH. This roadway is unclassified on the County General Plan Mobility Element Network.

Collision Data

There have been no reported collisions in this segment in the last five year, one month period (1-1-10 to 2-28-15).